

SAN FRANCISCO HISTORY ROOM



BOOK No.

ACCESSION

f690.5 P11 21

468288

NOT TO BE TAKEN FROM THE LIBRARY

~~PERSONAL & CONFIDENTIAL~~





Digitized by the Internet Archive
in 2010 with funding from
San Francisco Public Library

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Bids Jan. 12 For Foundation
of S. F. Junior College



\$90,000 Exposition Job Out For Bids



**Building Permits, Advance Reports
of Building and Engineering
Projects**

25
per Cop

**ON THE
JOB**
IN
WESTERN CONSTRUCTION



**GOLDEN
GATE**

TRUE PORTLAND CEMENT

79 PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

STARK-RATH
Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XX/

SAN FRANCISCO, CALIF., JANUARY 1, 1938

No. 1

RENO FIRM LOW ON FOUR-MILE ROAD PROJECT

**Nevada Rock & Sand Co. Bids
Lyon Co. Job; Utah Low
On Lovelock Contract**

CARSON CITY, Nev., Dec. 29.—Nevada Rock & Sand Co., Inc., Reno, today submitted a low bid of \$59,967 to the Nevada State Highway Directors here for constructing about four and one-tenth miles of highway in Lyon county.

The project is located between Weeks and eight and one-half miles north of Wabuska, Route 2-B, Section B.

Second and third low bids, respectively, for the Lyon county project were submitted by Silver State Construction Co., Inc., Fallon, at \$65,015, and Dodge Const. Inc., Fallon, at \$67,422.

Pershing Project

For construction of about two miles of highway in Pershing county, Utah Construction Company of Ogden and San Francisco submitted the lowest proposal, with a figure of \$16,808.

Second and third low bidders on the Pershing county project were Silver State Construction Co., Inc., Fallon, at \$16,981; and Construction Finance Co., Reno, at \$18,323.

The work extends from the north city limits of Lovelock, Pershing county, to a point approximately two miles north.

Neither of the contracts for which bids were opened were awarded at today's meeting, State Highway Engineer Robt. A. Allen said. Announcement of the awards is expected to be made shortly.

STATE DRAFTSMAN EXAMINATION SET

An examination to supplement the existing eligible list for the position of Title Draftsman De-lin-eator has been scheduled by the State Personnel Board, it was announced this week by Executive Officer Louis J. Kroeger. Examinations will be held in San Francisco, San Diego, Sacramento and Los Angeles January 29. All applications must be filed by Jan. 22.

BIDS JAN. 12 ON FOUNDATIONS AT JUNIOR COLLEGE

"The San Francisco Department of Public Works will open bids January 12 for excavation and foundations for the Science Building of San Francisco Junior College, Ocean and Phelan avenues."

With this announcement, released yesterday by Works Director Wm. H. Worden, San Francisco's junior college construction program began to roll.

Excavation and foundations for the proposed science building will cost approximately \$30,000, according to City Architect Charles H. Sawyer. Actual work will start five days after the contract is awarded and continue for a maximum of 120 days.

Preparing Plans

Plans and specifications for the project are being prepared by the architectural firm of Miller and Pfueger and John Baur.

Plans for the superstructure will be completed about the first of March, Mr. Sawyer said. As soon as they are finished they will be forwarded to the State Division of Architecture for approval.

Reinforced Concrete

The Science Building, initial unit of the proposed school plant, will be a three-story reinforced concrete structure. The building will serve as temporary quarters for the entire school until further buildings are constructed.

The estimated cost of the Science Building is \$693,000. Temporary partitions will be erected so that the structure can serve as quarters for the whole school. The partitions will be removed when additional buildings are constructed.

No estimated cost of the complete junior college can be released, Mr. Sawyer said yesterday, until necessary buildings are decided upon.

The Science Building will contain 38 classrooms; 28 administrative offices; ten laboratories, and nearly a score of other rooms to be devoted to miscellaneous purposes. A cafeteria to accommodate 1500 persons will be housed in the basement.

FAIR OFFICE FINISH WORK OUT FOR BIDS

**City to Open Proposals Jan. 19
On Administration Bldg.
Interior Work**

The San Francisco Public Utilities Commission yesterday called for bids for finishing offices in the \$677,000 airport terminal building on Exposition Island.

Bids will be opened January 19. The contract is the last in the PWA-Exposition program and will be financed with funds saved from earlier projects.

Finishing the offices in the airport terminal building is estimated to cost about \$90,000, it was reported yesterday.

The work involves electrical work; plastering; glazing; plumbing; composition flooring; painting; heating and ventilating; finish hardware; tiling; masonry; and miscellaneous carpentry. No work will be done on the exterior of the building, it was said yesterday.

Airport Terminal

When the work is completed a portion of the administrative staff of the San Francisco Bay Exposition will take quarters in the building, which will serve as an administrative building for the balance of the fair. The structure is a permanent building and will be used as an airport terminal following the Exposition, according to present plans.

It is a three-story and basement structure of reinforced concrete construction with a control tower at the center. The terminal building rests on wood pile foundations and has reinforced concrete walls, floors and roof slabs. It was constructed by Clinton Construction Company at the contract price of \$677,000.

Lump sum bids will be taken on the current contract. Plans and specifications may be obtained from Room 605, 425 Mason street, on January 3. The deposit on plans is \$20.00.

Construction of Treasure Island, 400-acre site of the Golden Gate International Exposition, has changed the tides in San Francisco Bay.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
329	Balboa	Owner	2500
330	Christensen	Owner	1000
331	Doelger	Owner	4000
332	Gaggetti	Niles	1500
333	Hallgren	Owner	4000
334	S F Bank	Hinson	4865
335	Allen	Coburn	5000
336-41	Ham	Owner	4000
342	Harrigan	Owner	1000
343	Levee	Teigland	29000
344	Mohler	Owner	4000
345	Douglas	McCormick	21900
346-51	Galli	Owner	3500
352	Grahn	Owner	3500
353	Grahn	Owner	4000
354	Standard	Lindgren	1000
355	Stoneson	Owner	5000
356	Dolan	Owner	4500
357	Enjoy Packing	Miller	10000
358	Heyman Bros.	Owner	4500
359	Matson	Lindgren	90000
360	Rousseau	Owner	6000
361	Rousseau	Owner	6000
362	Sharman	Owner	8000
363	Sharman	Owner	8000

ALTERATIONS

(329) 1951 SUTTER ST. Alter store.
Owner and Contractor—Balboa Paint
Co., 1253 9th Ave.
Architect—Not Given. \$2,500

STORE

(330) E WEST PORTAL 250 S 14th
Ave. One-story frame store.
Owner and Builder—S. L. Christen-
sen, 68 Agua Way.
Architect—John Davis Young, 2002
California Street. \$1,000

DWELLING

(331) SE 16th AVE. and Quintara.
One - story and basement frame
dwelling.
Owner and Builder—Henry Doelger
Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4,000

(332) 338 THIRD AVE. Alter dwell-
ing.
Owner—George and Grace Gaggetti,
335 3rd Ave.
Contractor—Carver Niles Co., 1024
Clement Street.
Architect—Not Given. \$1,500

DWELLING

(333) E 25th AVE. 300 S Moraga.
One - story and basement frame
dwelling.
Owner and Builder—A. Hallgren, 1594
29th Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(334) 365 MARKET ST. Alter stores
and lofts.
Owner—The San Francisco Bank, 526
California St.
Contractor—L. A. Hinson, 756 Fourth
Avenue.
Architect—Not Given. \$4,865

ALTERATIONS

(335) 150 SANSOME ST. Alter
store.
Owner—Allen & Co., c/o Contractor.
Contractor—Ira W. Coburn, 2048 Mar-
ket St.
Architect—Not Given. \$5,000

DWELLING

(336) W. STANYAN, 153 S. GOLD-
EN GATE AVE. Two-story and
basement frame dwelling.
Owner—Lloyd B. Ham, 105 Montgom-
ery St.
Architect — Albert H. Larsen, 333
Kearny St. \$4,000

DWELLING

(337) W. STANYAN, 77 S. GOLDEN
GATE AVE. Two-story and
basement frame dwelling.
Owner—Lloyd B. Ham, 105 Montgom-
ery St.
Architect — Albert H. Larsen, 333
Kearny St. \$4,000

DWELLING

(338) W. STANYAN, 129 S. GOLD-
EN GATE AVE. Two-story and
basement frame dwelling.
Owner—Lloyd B. Ham, 105 Mont-
gomery St.
Architect — Albert H. Larsen, 333
Kearny St. \$4,000

DWELLING

(339) W. STANYAN, 51 S. GOLD-
EN GATE AVE. Two - story
and basement frame dwelling.
Owner—Lloyd B. Ham, 105 Mont-
gomery St.
Architect — Albert H. Larsen, 333
Kearny St. \$4,000

DWELLING

(340) W. STANYAN, 25 S GOLDEN
GATE AVE. Two - story and
basement dwelling.
Owner—Lloyd B. Ham, 105 Montgom-
ery St.
Architect — Albert H. Larsen, 333
Kearny St. \$4,000

DWELLING

(341) W. STANYAN, 103 S GOLD-
EN GATE AVE. Two-story and
basement frame dwelling.
Owner—Lloyd B. Ham, 105 Montgom-
ery St.
Architect — Albert H. Larsen, 333
Kearny St. \$4,000

FOUNDATION & EXCAVATION

(342) SW 12TH AND STEVENSON.
Foundation and excavation.
Owner — Harrigan & Weidenmuller,
344 Kearny St.
Engineer—Robert A. Hanson, 608 In-
diana St.
Architect—Not Given. \$1,000

DWELLING

(343) S. VALLEJO, 150 N. BROAD-
WAY. Three-story frame dwell-
ing.
Owner—S. M. Levee, 1201 California
St., San Francisco,
Contractor—C. M. Teigland, 529 49th
St., Oakland.
Architect—F. L. Confer, 3147 Clare-
mont Ave., Berkeley.
Engineer — L. H. Nishkian, Under-
wood Bldg., San Francisco, \$29,000

DWELLING

(344) E. 26TH AVE., 250 S CALI-
FORNIA. One-story and base-
ment frame dwelling.
Owner—T. E. Mohler, 626 36th Ave.
Architect—Not Given. \$4,000

DWELLING

(345) W. CHURCH, 97 S 19TH ST.
Two-story and basement frame
dwelling.
Owner—L. Parry Douglas, 2595 Dou-
glas St.
Contractor—Thos. McCormick, 73 Hill
St.
Architect—Not Given. \$21,300

DWELLING

(346) W. 21ST AVE., 350 S ORTE-
GA ST. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Architect—E. H. Denke, 1317 Hyde
St. \$3,500

DWELLING

(347) W. 21ST AVE., 300 S ORTE-
GA. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Architect—E. H. Denke, 1317 Hyde
St. \$3,500

DWELLING

(348) W. 21ST AVE., 375 S ORTE-
GA. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Architect—E. H. Denke, 1317 Hyde
St. \$3,500

DWELLING

(349) W. 21ST AVE., 325 S ORTE-
GA ST. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Architect—E. H. Denke, 1317 Hyde
St. \$3,500

DWELLING

(350) W. 21ST AVE., 425 S ORTE-
GA ST. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Architect—E. H. Denke, 1317 Hyde
St. \$3,500

DWELLING

(351) W. 21ST AVE., 400 S ORTE-
GA ST. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Architect—E. H. Denke, 1317 Hyde
St. \$3,500

DWELLING

(352) W. BRUSSELS, 75 N WILDE
AVE. One-story and basement
frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission
Ave.
Architect—Not Given. \$3,500

DWELLING

(353) W. BRUSSELS, 100 N WILDE
AVE. One-story and basement
frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission
St.
Architect—Not Given. \$4,000

ALTERATIONS

(354) 200 BUSH ST. Alter office.
Owner—Standard Oil Co., Prem.
Contractor — Lindgren & Swinerton,
Inc., 225 Bush St.
Architect—Not Given. \$1,000

DWELLING

(355) E. LAGUNITAS DR., 281 W
OCEAN AVE. Two-story and
basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5,000

DWELLING

(356) E. 14TH AVE., 76 S RIVERA.
Two-story and basement frame
dwelling.
Owner—N. Dolan, 2200 14th Ave.
Architect—Not Given. \$4,500

FACTORY

(357) N. FITZGERALD, 75 W OF
JENNINGS. One-story frame
factory.
Owner—Enjoy Packing Co., 48 Broad-
way
Contractor—Miller Constr. Co., 3917
Mission St.
Engineer—J. Giles Miller, 3917 Mis-
sion St. \$10,000

DWELLING
(358) **NE SILVER AVE. & DUNSMUIR.** One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not Given. \$4500

MACHIN' SHOP
(339) **SW BRYANT AND BEALE.** One-story Class C machine shop.
Owner—Matson Navigation Co., 215 Market St.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
Engineer—Kaj Thiell, 580 Market St. \$90,000

DWELLING
(360) **S. TURK, 150 W ROSELYN TERR.** Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

DWELLING
(361) **S. TURK ST., 125 W ROSELYN TERR.** Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

DWELLING
(362) **N. GREENWICH, 87 E OF PIERCE ST.** Two-story and basement frame dwelling.
Owner—Thos. R. Sharman, 3700 Broderick St.
Architect—Not Given. \$8000

DWELLING
(363) **N. GREENWICH, 113 E OF PIERCE ST.** Two-story and basement frame dwelling.
Owner—Thos. R. Sharman, 3700 Broderick St.
Architect—Not Given. \$8000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
463	Bain	Johnson	6800
464	Walker	Moore	1000
465	Wedgewood	Early	6000
466	Jap. W.S.C.	Boylan	1400
467	Netherby	Owner	4500
468	Newell	Owner	2850
469	Smith	Owner	1400
470	Bernard	Hoffman	3250
471-2	Noland	Nelson	2000
473	Pierce	Owner	4000
474	Pond	Pond	6000
475	Strand	Owner	2000
476	Bernard	Owner	2850
477	Cooper	Owner	3500
478	McCorkle	Owner	6500
479	Mehrtens	Dahl	3760

DWELLING
(463) **2636-40 E 27th ST., OAKLAND.** One-story 6-room 2-family dwelling.
Owner—W. Bain, 1829 6th Avenue.
Contractor—R. F. Johnson and Son, 560 36th Street.
Architect—Not Given. \$6,800

ALTERATIONS
(464) **2970 SUMMIT ST., OAKLAND.** Alterations.
Owner—Dr. Mace Walker, premises.
Contractor—The John J. Moore Co., 354 Hobart Street.
Architect—Not Given. \$1,000

REPAIRS
(465) **202 E 12th ST., OAKLAND.** Fire repairs.
Owner—Wm. O. Wedgewood, 202 East 12th Street.
Contractor—Fred J. Early, Jr., 366 40th St.
Architect—Not Given. \$6,000

ALTERATIONS
(466) **2509 HEARST AVE., BERKELEY.** Alterations.

Owner—Japanese Women's Student Club, 2509 Hearst.
Contractor—J. V. Boylin, 1054 Mariposa Ave.
Architect—Not Given. \$1400

DWELLING
(467) **650 CRESTON, BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—C. M. Netherby, 3853 Lyman Road, Oakland.
Contractor—W. L. Netherby, 3853 Lyman Rd., Oakland.
Architect—Not Given. \$4500

ALTERATIONS
(468) **1304 JOSEPHINE, BERKELEY.** Alterations.
Owner & Builder—C. E. Newell, Frem.
Architect—Not Given. \$2850

DWELLING
(469) **1439 SANTA FE, BERKELEY.** One-story 4-room frame dwelling.
Owner & Builder—Ada G. Smith, 1732 Chestnut.
Architect—Not Given. \$1400

DWELLING
(470) **3601 COLUMBIAN DR., OAKLAND.** One-story 4-room dwelling.
Owner—H. P. Bernard, 861 29th St.
Contractor—S. F. Hoffmann, 814 Foothill Blvd.
Also 1-story garage, \$200.
Architect—Not Given. \$3250

DWELLING
(471) **6220 VALLEY VIEW DRIVE, OAKLAND.** One-story 4-room dwelling.
Owner—F. S. Noland, Prem.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$2000

DWELLING
(472) **6212 VALLEY VIEW DRIVE, OAKLAND.** One-story 4-room dwelling.
Owner—F. S. Noland, Prem.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$2000

DWELLING
(473) **223 OAKLAND AVE., OAKLAND.** One-story 5-room dwelling.
Owner and Builder—J. Ralph Peirce, 3942 Woodruff Ave.
Architect—Not Given. \$4000

DWELLING
(474) **5500 ASCOT DRIVE, OAKLAND.** Two-story 6-room dwelling.
Owner—C. P. Pond, Jr., Piedmont.
Contractor—C. F. Pond, 1056 Ardmore Ave.
Architect—E. H. Sloombe, Oakland. \$6000

DWELLING
(475) **2433 DAMUTH ST., OAKLAND.** One-story 3-room dwelling.
Owner & Builder—C. B. Strand, 2435 Damuth St.
Architect—Not Given. \$2000

DWELLING
(476) **2117 106TH AVE., OAKLAND.** One-story 5-room dwelling.
Owner & Builder—R. B. Bernard, 725 Warfield Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$2850

DWELLING
(477) **2362 107TH AVE., OAKLAND.** One-story 5-room dwelling.
Owner & Builder—G. A. Cooper, 2430 108th Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$3500

DWELLING
(478) **5430 PROCTOR AVE., OAKLAND.** One-story 6-room dwelling.
Owner & Builder—J. F. McCorkle, 832 Erie St.
Architect—Not Given. \$6500

DWELLING
(479) **968 PEARL ST., ALAMEDA** One-story 5-room dwelling.
Owner—H. G. Mehrstens, 1526 Webster St., Alameda.
Contractor—Edwin W. Dahl, 2901 56th Ave., Oakland.
Architect—Not Given. \$3760

DWELLING
(480) **970 PEARL ST., ALAMEDA.** One-story 5-room dwelling.
Owner—E. G. Mehrstens, 1526 Webster St., Alameda.
Contractor—Edwin Dahl, 2901 56th Ave., Oakland.
Architect—Not Given. \$3760

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
233	Douglas	McCormick	21320
234	Degen	Jensen	3358

APARTMENT
(233) **W. CHURCH, 97 S. 19TH ST.** Two-story and basement frame apartment.
Owner—Alva M. Douglas and L. Parry Douglas.
Contractor—Thos. J. McCormick, 73 Hill St.
Filed Dec. 23, '37. Dated Dec. 11, '37
Frame up \$5320
Plastered 5330
Completion 5330
Usual 35 days
TOTAL COST, \$21,320

Bond, \$10,660. Sureties, Patrick Shannon and John Smyth. Forfeit, \$1,000. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(234) **2719 GREENWICH ST.** Alter dwelling.
Owner—Walter Degen.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Contractor—G. P. W. Jensen & Sons.
Filed, Dec. 28, '37. Dated, Dec. 23, '37.
Brown coated \$1254.00
Completed 1254.00
Usual 35 days 850.00
TOTAL COST, \$3,358.50
Forfeit, \$5 per day. Limit, 60 days. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
148	Montour	Glynn	9891

DUPLEX
(148) **POR LOT 11, BLK. 4, SANTA FE TR. NO. 5, BERKELEY.** One-story and basement frame duplex.
Owner—Laura A. Montour.
Architect—Wm. Edw. Schirmer, 427 13th St., Oakland.
Contractor—Henry Glynn, 6023 Colby St., Oakland.
Filed Dec. 28, '37. Dated Dec. 10, '37.
Ext. sheathing on \$2245.25
Brown plastered 2245.25
Completion 2245.25
Usual 35 days 2245.25
TOTAL COST, \$8,981.00
Bond, \$8,981. Surety, Globe Indemn. Co. Limit, 100 days. Plans and specifications filed.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
329	Balboa	Owner	2500
330	Christensen	Owner	1000
331	Doelger	Owner	4000
332	Gaggetti	Niles	1500
333	Hallgren	Owner	4000
334	S F Bank	Hinson	4855
335	Allen	Coburn	5000
336-41	Ham	Owner	4000
342	Harrigan	Owner	1000
343	Levee	Teigland	29000
344	Mohler	Owner	4000
345	Douglas	McCormick	21300
346-51	Galli	Owner	3500
352	Grahn	Owner	3500
353	Grahn	Owner	4000
354	Standard	Lindgren	1000
355	Stoneson	Owner	5000
356	Dolan	Owner	4500
357	Enjoy Packing	Miller	10000
358	Heyman Bros.	Owner	4500
359	Matson	Lindgren	90000
360	Rousseau	Owner	6000
361	Rousseau	Owner	6000
362	Sharma	Owner	8000
363	Sharma	Owner	8000

ALTERATIONS

(329) 1951 SUTTER ST. Alter store. Owner and Contractor—Balboa Paint Co., 1253 9th Ave. Architect—Not Given. \$2,500

STORE

(330) E WEST PORTAL 250 S 14th Ave. One-story frame store. Owner and Builder—S. L. Christensen, 68 Agua Way. Architect—John Davis Young, 2002 California Street. \$1,000

DWELLING

(331) SE 16th AVE. and Quintara. One-story and basement frame dwelling.

Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4,000

(332) 338 THIRD AVE. Alter dwelling.

Owner—George and Grace Gaggetti, 338 3rd Ave. Contractor—Carver Niles Co., 1024 Clement Street. Architect—Not Given. \$1,500

DWELLING

(333) E 25th AVE. 300 S Moraga. One-story and basement frame dwelling.

Owner and Builder—A. Hallgren, 1594 29th Avenue. Architect—Not Given. \$4,000

ALTERATIONS

(334) 365 MARKET ST. Alter stores and lofts.

Owner—The San Francisco Bank, 526 California St. Contractor—L. A. Hinson, 756 Fourth Avenue. Architect—Not Given. \$4,865

ALTERATIONS

(335) 150 SANSOME ST. Alter store.

Owner—Allen & Co., c/o Contractor. Contractor—Ira W. Coburn, 2048 Market St. Architect—Not Given. \$5000

DWELLING

(336) W. STANYAN, 153 S. GOLD-EN GATE AVE. Two-story and basement frame dwelling.

Owner—Lloyd B. Ham, 105 Montgomery St. Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING

(337) W. STANYAN, 77 S. GOLDEN GATE AVE. Two-story and basement frame dwelling.

Owner—Lloyd B. Ham, 105 Montgomery St. Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING

(338) W. STANYAN, 129 S. GOLD-EN GATE AVE. Two-story and basement frame dwelling.

Owner—Lloyd B. Ham, 105 Montgomery St. Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING

(339) W. STANYAN, 51 S. GOLD-EN GATE AVE. Two-story and basement frame dwelling.

Owner—Lloyd B. Ham, 105 Montgomery St. Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING

(340) W. STANYAN, 25 S. GOLDEN GATE AVE. Two-story and basement dwelling.

Owner—Lloyd B. Ham, 105 Montgomery St. Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING

(341) W. STANYAN, 103 S. GOLD-EN GATE AVE. Two-story and basement frame dwelling.

Owner—Lloyd B. Ham, 105 Montgomery St. Architect—Albert H. Larsen, 333 Kearny St. \$4000

FOUNDATION & EXCAVATION

(342) SW 12TH AND STEVENSON. Foundation and excavation.

Owner—Harrigan & Weidenmuller, 344 Kearny St. Engineer—Robert A. Hanson, 608 Indiana St. Architect—Not Given. \$1000

DWELLING

(343) S. VALLEJO, 150 N. BROAD-WAY. Three-story frame dwelling.

Owner—S. M. Levee, 1201 California St., San Francisco. Contractor—C. M. Teigland, 529 49th St., Oakland. Architect—F. L. Confer, 3147 Claremont Ave., Berkeley. Engineer—L. H. Nishkian, Underwood Bldg., San Francisco. \$29,000

DWELLING

(344) E. 26TH AVE., 250 S. CALIFORNIA. One-story and basement frame dwelling.

Owner—T. E. Mohler, 626 36th Ave. Architect—Not Given. \$4000

DWELLING

(345) W. CHURCH, 97 S. 19TH ST. Two-story and basement frame dwelling.

Owner—L. Parry Douglas, 2595 Douglas St. Contractor—Thos. McCormick, 73 Hill St. Architect—Not Given. \$21,300

DWELLING

(346) W. 21ST AVE., 350 S. ORTE-GA ST. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING

(347) W. 21ST AVE., 300 S. ORTE-GA. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING

(348) W. 21ST AVE., 375 S. ORTE-GA. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING

(349) W. 21ST AVE., 325 S. ORTE-GA ST. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING

(350) W. 21ST AVE., 425 S. ORTE-GA ST. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING

(351) W. 21ST AVE., 400 S. ORTE-GA ST. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING

(352) W. BRUSSELS, 75 N. WILDE AVE. One-story and basement frame dwelling.

Owner—Wm. H. Grahn, 2965 Mission St. Architect—Not Given. \$3500

DWELLING

(353) W. BRUSSELS, 100 N. WILDE AVE. One-story and basement frame dwelling.

Owner—Wm. H. Grahn, 2965 Mission St. Architect—Not Given. \$4000

ALTERATIONS

(354) 200 BUSH ST. Alter office. Owner—Standard Oil Co., Prem.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St. Architect—Not Given. \$1000

DWELLING

(355) E. LAGUNITAS DR., 281 W. OCEAN AVE. Two-story and basement frame dwelling.

Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Not Given. \$5000

DWELLING

(356) E. 14TH AVE., 76 S. RIVERA. Two-story and basement frame dwelling.

Owner—N. Dolan, 2200 14th Ave. Architect—Not Given. \$4500

FACTORY

(357) N. FITZGERALD, 75 W. OF JENNINGS. One-story frame factory.

Owner—Enjoy Packing Co., 48 Broadway. Contractor—Miller Constr. Co., 3917 Mission St. Engineer—J. Giles Miller, 3917 Mission St. \$10,000

DWELLING
(358) NE SILVER AVE. & DUNSMUIR. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not Given. \$4500

MACHINE SHOP
(359) SW BRYANT AND BEALE. One-story Class C machine shop.
Owner—Matson Navigation Co., 215 Market St.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
Engineer—Kaj Thiel, 580 Market St. \$90,000

DWELLING
(360) S. TURK, 150 W ROSELYN TERR. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

DWELLING
(361) S. TURK ST., 125 W ROSELYN TERR. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

DWELLING
(362) N. GREENWICH, 87 E OF PIERCE ST. Two-story and basement frame dwelling.
Owner—Thos. R. Sharman, 3700 Broderick St.
Architect—Not Given. \$8000

DWELLING
(363) N. GREENWICH, 113 E OF PIERCE ST. Two-story and basement frame dwelling.
Owner—Thos. R. Sharman, 3700 Broderick St.
Architect—Not Given. \$8000

ALAMEDA COUNTY

No. Owner	Contractor	Amt.
463 Bain	Johnson	6800
464 Walker	Moore	1000
465 Wedgwood	Early	6000
466 Jap. W.S.C.	Boylan	1400
467 Netherby	Owner	4500
468 Newell	Owner	2850
469 Smith	Owner	1400
470 Bernard	Hoffman	3250
471-2 Noland	Nelson	2000
473 Pierce	Owner	4000
474 Pond	Pond	6000
475 Strand	Owner	2000
476 Bernard	Owner	2850
477 Cooper	Owner	3500
478 McCorkle	Owner	6500
479 Mehrtens	Dahl	3760

DWELLING
(463) 2636-40 E 27th ST., OAKLAND. One-story 6-room 2-family dwelling.
Owner—W. Bain, 1829 6th Avenue.
Contractor—R. F. Johnson and Son, 560 36th Street.
Architect—Not Given. \$6,800

ALTERATIONS
(464) 2970 SUMMIT ST., OAKLAND. Alterations.
Owner—Dr. Mace Walker, premises.
Contractor—The John J. Moore Co., 354 Hobart Street.
Architect—Not Given. \$1,000

REPAIRS
(465) 202 E 12th ST., OAKLAND. Fire repairs.
Owner—Wm. O. Wedgwood, 202 East 12th Street.
Contractor—Fred J. Early, Jr., 366 40th St.
Architect—Not Given. \$6,000

ALTERATIONS
(466) 2509 HEARST AVE., BERKELEY. Alterations.

Owner—Japanese Women's Student Club, 2509 Hearst.
Contractor—J. V. Boylin, 1054 Mariposa Ave.
Architect—Not Given. \$1400

DWELLING
(467) 650 CRESTON, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—C. M. Netherby, 3853 Lyman Road, Oakland.
Contractor—W. L. Netherby, 3853 Lyman Rd., Oakland.
Architect—Not Given. \$4500

ALTERATIONS
(468) 1304 JOSEPHINE, BERKELEY. Alterations.
Owner & Builder—C. E. Newell, Prem.
Architect—Not Given. \$2850

DWELLING
(469) 1439 SANTA FE, BERKELEY. One-story 4-room frame dwelling.
Owner & Builder—Ada G. Smith, 1732 Chestnut.
Architect—Not Given. \$1400

DWELLING
(470) 3601 COLUMBIAN DR., OAKLAND. One-story 4-room dwelling.
Owner—H. P. Bernard, 861 29th St.
Contractor—S. F. Hoffmann, 8144 Foothill Blvd.
Also 1-story garage, \$200.
Architect—Not Given. \$3250

DWELLING
(471) 6220 VALLEY VIEW DRIVE, OAKLAND. One-story 4-room dwelling.
Owner—F. S. Noland, Prem.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$2000

DWELLING
(472) 6212 VALLEY VIEW DRIVE, OAKLAND. One-story 4-room dwelling.
Owner—F. S. Noland, Prem.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$2000

DWELLING
(473) 223 OAKLAND AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—J. Ralph Peirce, 3942 Woodruff Ave.
Architect—Not Given. \$4000

DWELLING
(474) 5500 ASCOT DRIVE, OAKLAND. Two-story 6-room dwelling.
Owner—C. P. Pond, Jr., Piedmont.
Contractor—C. P. Pond, 1056 Ardmore Ave.
Architect—F. H. Slocome, Oakland. \$6000

DWELLING
(475) 2433 DAMUTH ST., OAKLAND. One-story 3-room dwelling.
Owner & Builder—C. B. Strand, 2435 Damuth St.
Architect—Not Given. \$2000

DWELLING
(476) 2117 106TH AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—R. B. Bernard, 725 Warfield Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$2850

DWELLING
(477) 2362 107TH AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—G. A. Cooper, 2430 108th Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$3500

DWELLING
(478) 5430 PROCTOR AVE., OAKLAND. One-story 6-room dwelling.
Owner & Builder—J. F. McCorkle, 832 Erie St.
Architect—Not Given. \$6500

DWELLING
(479) 968 FEARL ST., ALAMEDA. One-story 5-room dwelling.
Owner—H. G. Mehrtens, 1526 Webster St., Alameda.
Contractor—Edwin W. Dahl, 2901 56th Ave., Oakland.
Architect—Not Given. \$3760

DWELLING
(480) 970 PEARL ST., ALAMEDA. One-story 5-room dwelling.
Owner—H. G. Mehrtens, 1526 Webster St., Alameda.
Contractor—Edwin Dahl, 2901 56th Ave., Oakland.
Architect—Not Given. \$3760

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
233 Douglas	McCormick	21320
234 Degen	Jensen	3358

APARTMENT
(233) W. CHURCH, 97 S. 19TH ST. Two-story and basement frame apartment.
Owner—Alva M. Douglas and L. Parry Douglas.
Contractor—Thos. J. McCormick, 73 Hill St.
Filed Dec. 23, '37. Dated Dec. 11, '37
Frame up\$5330
Plastered 5330
Completion 5330
Usual 35 days 5330
TOTAL COST, \$21,320

Bond, \$10,660. Sureties, Patrick Shannon and John Smyth. Forfeit, \$100. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(234) 2719 GREENWICH ST. Alter dwelling.
Owner—Walter Degen.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Contractor—G. P. W. Jensen & Sons.
Filed, Dec. 28, '37. Dated, Dec. 23, '37.
Brown coated\$1254.00
Completed 1254.00
Usual 35 days 850.00
TOTAL COST, \$3,358.50
Forfeit, \$5 per day. Limit, 60 days. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
148 Montour	Glynn	9981

DUPLEX
(148) POR LOT II, BLK. 4, SANTA FE TR. NO. 5, BERKELEY. One-story and basement frame duplex.
Owner—Laura A. Montour.
Architect—Wm. Edw. Schirmer, 427 13th St., Oakland.
Contractor—Henry Glynn, 6023 Colby St., Oakland.
Filed Dec. 28, '37. Dated Dec. 10, '37.
Ext. sheathing on\$2245.25
Brown plastered 2245.25
Completion 2245.25
Usual 35 days 2245.25
TOTAL COST, \$8,981.00
Bond, \$8,981. Surety, Globe Indemn. Co. Limit, 100 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and Inns |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Sub-Contract Awarded APARTMENTS Cost, \$.....
SAN FRANCISCO. Alhambra and Pierce Streets.
 Apartment house.
 Owner and Builder—Thos. Quistad.
 Engineer—C. Jefferson Sly, 251 Kearny Street.
Structural Steel—Golden Gate Iron Works, 1541 Howard St. 1

Contract Awarded APARTMENTS Cost, \$21,320
SAN FRANCISCO. W. Church St., 97 ft S 19th St.
 Two-story and basement frame apt. building.
 Owner—L. P. Douglas.
 Architect—Not Given.
 Contractor—Thos. McCormick, 73 Hill Street. 1

TO START WORK
LOS ANGELES, Cal.—J. S. Metzger & Son, 408 S. Spring St., Room 804, will proceed at once with the work of completing and adding four stories to an apartment building at 410 N. Rossmore Ave. for Davis & Thorne. The building, a reinf. conc. structure, 150 x 118 ft. in area, has been poured up to the fifth floor level. Completion, estimated to cost \$350,000, will include the installation of all interior finish, the work, steel sash, two elevators, electric refrigeration, marble work and steam heat. Gilbert Stanley Underwood, architect, 408 S. Spring St. 1

TO START WORK
PHOENIX, Ariz.—Andy Womack, 1015 N. 15th Ave., Phoenix, will start work Jan. 3 on the construction of a 14-unit frame and stucco automobile court at 1537 W. Van Buren Street, Phoenix, for himself. Cost, \$25,000. 1

3—CHURCHES

Preparing Plans Est. Cost, \$5,500
CHURCH
EAST OAKLAND, Alameda Co., Cal. Wood frame and stucco church bldg. to seat about 150 persons (composition roof, plaster interior, gas heating system).
 Owner—Withheld.
 Architect—Geo. P. Simonds, 80 Main St., Hayward. 1

4—FACTORIES & WAREHOUSES

Contract Awarded WAREHOUSE Est. Cost, \$25,000
SAN FRANCISCO.
 One-story and mezzanine reinforced concrete warehouse (100x175-ft.)

composition roof, wood roof trusses, steel sash, etc.
 Owner—James C. Coughlin, 625 Brannan Street.
 Engineer—Mack Perkins, 110 Sutter.
 Contractor—Bartlett & Hilp, 918 Harrison Street.

Contract Awarded MACHINE SHOP Est. Cost, \$90,000
SAN FRANCISCO. SW Bryant and Beale Sts.
 One-story Class C machine shop.
 Owner—Matson Navigation Co., 215 Market St.
 Engineer—Kaj Theill, 580 Market St.
 Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Contract Awarded FACTORY Cost, \$10,000
SAN FRANCISCO. N. Fitzgerald, 75 ft. W. Jennings St.
 One-story frame factory building.
 Owner—Enjoy Packing Co., 48 Broadway.
 Engineer—J. Giles Miller, 3917 Mission St.
 Contractor—Miller Constr. Co., 3917 Mission St. 4

5—FLATS

Contract Awarded REMODEL FLATS Cost, \$.....
SAN FRANCISCO. Greenwich St.
 Remodel flat building.
 Owner—Withheld.
 Architect—Fabre & Hildebrandt, 110 Sutter Street.
 Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded SERVICE STATION Cost, \$5,000
SAN FRANCISCO. SW Baysshore and Alemany Blvd.
 New steel gasoline service station.
 Owner—Shell Oil Company.
 Plans by L. M. White, 100 Bush St.
 Engineer—E. M. Davidson, 100 Bush Street.
 Contractor—Love & Haun, 4354 20th St., San Francisco. 6

Additional Sub Contracts Awarded OFFICE BLDG. Cost, \$60,000
SAN FRANCISCO. SW Corner Van Ness Avenue and Redwood St.
 Five-story and mezzanine reinforced office and loft building.
 Owner—The Lurie Co., 333 Montgomery Street.
 Architect—W. D. Peugh, 333 Montgomery Street.
 Structural Engineer—F. W. Kellberg, 320 Market Street.
 Contractor—Cahill Brothers, 206 Sansome Street.
 Plumbing—Stauffacher & Monihan, 1552 Fulton St.
 Heating—James A. Nelson, Inc., 1375 Howard St.
 Electric Work—Alta Electric & Mechanical Co., Inc., 467 O'Farrell Street.

As previously reported:
 Reinforcing Steel—Gunn, Carle & Co., 21 Potrero Avenue.
 Placing Reinf. Steel—J. Phillip Murphy, 3901 Mission Street.
 As previously reported: Lumber awarded to J. H. McCallum, 748 Bryant St.; concrete to Golden Gate Atlas Materials Co., 16th and Harrison.

Contract Awarded SERVICE STATION Cost, \$.....
SAN FRANCISCO. Ellis and Taylor Streets.
 Steel gasoline service station.
 Owner—Shell Oil Co., 100 Bush St.
 Plans by Engr. Dept. of Owner.
 Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco.

Planned RECONSTRUCTION Cost, \$.....
REDWOOD CITY, San Mateo Co., Cal. Opposite Depot.
 Reconstruct gasoline service station.
 Owner—Shell Oil Co., 100 Bush St., San Francisco.
 Plans by Engr. Dept. of Owner.

Additional Sub Contract Awarded OFFICE BLDG. Cost, \$60,000
SAN FRANCISCO. SW Corner Van Ness Ave. and Redwood St.
 Five-story and mezzanine reinforced concrete office and loft bldg.
 Owner—The Lurie Co., 333 Montgomery St.
 Architect—W. D. Peugh, 333 Montgomery St.
 Structural Engineer—F. W. Kellberg, 320 Market St.
 Contractor—Cahill Brothers, 206 Sansome St.
 Miscellaneous and Ornamental Iron—Anchor Post Fence Co., 460 Fifth St., San Francisco.

As previously reported: Lumber awarded to J. H. McCallum, 748 Bryant St.; concrete to Golden Gate Atlas Materials Co., 16th and Harrison Sts.; plumbing to Stauffacher & Monihan, 1552 Fulton St.; heating to Jas. A. Nelson, Inc., 1375 Howard St.; electric work to Alta Electric & Mechanical Co., Inc., 467 O'Farrell St.; reinforcing steel to Gunn-Carle & Co., 20 Potrero Ave., and placing reinforcing steel to J. Phillip Murphy, 3901 Mission St.

7—FEDERAL BUILDINGS

Complete Bids REMODELING Cost, \$.....
PHOENIX, Arizona.
 Remodel Old Federal Building.
 Owner—United States Government.
 Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Low Bidder—MacDonald Const. Co., 3529 West Pine Blvd., St. Louis, Mo., \$133,625.

Complete bids follow:
 MacDonald Const. Co., St. Louis, Mo.: (Item 1) \$133,625; (Alt. A, add) \$7,500; (Alt. B, deduct) \$2,700; (Alt. C, deduct) \$1,017.

Thos. L. Dawson Co., Kansas City, Mo.: (1) \$136,500; (A) \$7,000; (B) \$3,300; (C) \$1,600.
 Lundberg-Richter Co., Inc., Salina, Kan.: (1) \$149,000; (A) \$7,500; (B) \$4,000; (C) \$1,600.
 Lambie Const. Co., Albuquerque, N. M.: (1) \$158,000; (A) \$7,160; (B) \$3,180; (C) \$700.

Andrew & Dawson, Montgomery, Ala. (1) \$161,848 (A) \$7,300; (B) \$2,800 (S) \$1,600.
 M. H. Golden, San Diego: (1) \$165,000; (A) \$6,971; (B) \$2,388; (C) \$1,825.
 H. Mayson, Los Angeles: (1) \$167,000; (A) \$12,400; (B) \$3,100; (C) \$1,300.
 Peterson Co., Washington, D. C.: (1) \$169,000; (A) \$7,000; (B) \$4,500; (C) \$1,100.
 Jas. I. Barnes Const. Co., Springfield, Mo.: (1) \$175,000; (A) \$6,000; (B) \$2,800; (C) \$1,250.

M. M. Sundt Const. Co., Tucson, Ariz.
(1) \$175,533; (A) \$7,421; (B) \$3-
940; (C) \$1,120.
E. & E. J. Pfozter, Philadelphia, Pa.:
(1) \$177,500; (A) \$11,700; (B) \$3-
400; (C) \$1,500.
Del E. Webb Const. Co., Phoenix,
Ariz.: (1) \$180,624; (A) \$7,500;
(B) \$3,800; (C) \$1,050.

Low Bidder
POST OFFICE
ALAMOGORDO, Otero Co., N. M.
United States Post Office.
Owner—U. S. Government.
Plans by the Supervising Architect,
Treasury Department, Washing-
ton, D. C.
Low Bidder—J. J. Fritch, Dallas—
\$81,775.

BIDS WANTED
MARE ISLAND.—Bids are now
being received by the Bureau of
Yards & Docks, Navy Dept., Wash-
ington, D. C., for motor-driven pumps,
piping, plumbing and air-condition-
ing apparatus for dry dock at the
Navy Yard, Mare Island, California.
Spec. 8516.
Specifications and drawings may
be obtained on application to the
Bureau or the Commandant, Navy
Yard, Mare Island, upon deposit of
\$25, payable to the Chief of the Bu-
reau of Yards & Docks. * 7

Bids Wanted—To Open Feb. 9.
STORAGE BLDG. Cost, \$190,000
MARE ISLAND, Solano Co., Calif.
Construction of paint and oil store-
house at Navy Yard, Mare Island.
Spec. No. 8595.
Owner—U. S. Government, Bureau of
Yards & Docks.
Plans by Treasury Dept., Washing-
ton, D. C.

BIDS WANTED
MARE ISLAND, Solano Co., Calif.
—Bids are now being received at the
Bureau of Yards & Docks, Navy De-
partment, Washington, D. C., for mo-
tor-driven pumps, piping, plumbing,
and air-conditioning apparatus for
dry dock at the Navy Yard, Mare
Island, Cal. Spec. 8516 drawings
may be obtained at the Bureau or
the Commandant, Navy Yard, Mare
Island, Calif., upon deposit of a
check or postal money order for \$25,
payable to the Chief of the Bureau
of Yards & Docks. * 7

BIDS OPENED
LOS ANGELES HARBOR, Calif.—
Reading Chandelier Co., Reading, Pa.,
at \$295,000 submitted low bid to the
Department of Justice, Washington,
D. C., for furnishing all labor and
materials and performing all work
for the installation of interior light-
ing fixtures at the Federal Jail, Ter-
minal Island, Los Angeles, Harbor,
San Pedro.
Other bids were:
Multi Elec. Mfg. Co., Chicago...\$666.00
Mutual Metal Mfg. Co. Chicago 767.00

COMPLETE BIDS
SHERIDAN, Wyo. — Bellis Wire
Works, Inc., 307 Scholes St., Brook-
lyn, N. Y., at \$17,889 submitted low
bid to the U. S. Veterans' Adminis-
tration, Washington, D. C., for wire
grilles for Buildings Nos. 3, 4, 7, 8, 9
and 71 at the Veterans' Facility,
Sheridan.
Complete bids follow:
Bellis Wire Works, Brooklyn...\$17,889
General Wire Mesh Co., Brook-
lyn, N. Y. 19,700
Badger Wire & Iron Works,
Milwaukee 21,634
Flour City Ornamental Iron
Works, Minneapolis 24,995
Western Wire & Iron Works,
Chicago 25,818
N. A. Pearson, Sheridan 25,970

Michaels Art Bronze Co., Cov-
ington, Ky. 37,425
City Wire & Iron Co., L. A. 38,638
Standard Fence Co., Oakland, 38,638

BIDS WANTED
MANILA, P. I.—Until March 1,
1 p. m., bids will be received by the
Procurement Division, Public Bldgs.
Branch, Washington, D. C., for in-
stalling a complete elevator plant in
the U. S. High Commissioner's Of-
fice and residence at Manila, P. I.
Drawings and specifications may
be obtained from the above office.
No deposit required. * 7

Site Selected
POST OFFICE Cost, \$.....
SAFFORD, Ariz. SW Cor. Fifth St.
and Fifth Ave.
United States Post Office site (120x
120 ft.).
Owner—U. S. Government.
Architect — Procurement Division,
Public Buildings Branch, Wash-
ington, D. C.
Property submitted by E. Kirkland
et al. Cost, \$8,000.

Contract Awarded
HUNTINGTON PARK, Los Ange-
les Co., Cal.—H. V. Taylor, 124 E.
21st St., Long Beach, at \$113, award-
ed contract by the Procurement Di-
vision, Public Buildings Branch,
Washington, D. C., for hand rails at the
U. S. Post Office at Huntington
Park. 7

Contract Awarded
BREMERTON, Wash.—J. R. Payne,
615 Warren Ave., Bremerton, at \$325,
awarded contract by the Procure-
ment Division, Public Buildings Br.,
Washington, D. C., for concrete re-
taining wall for the U. S. post office
at Bremerton. 7

BIDS WANTED
SANTA BARBARA, Calif.—Until
Jan. 21, bids will be received by the
Procurement Division, Public Bldgs.
Branch, Washington, D. C., for flag-
stone walk, etc., at the U. S. Post
Office at Santa Barbara. * 7

CONTRACT AWARDED
TRACY, San Joaquin Co., Cal.—
The Robbins Mfg. Co., 1801 N. Cen-
tral Park Ave., Chicago, Ill., at \$403,
awarded contract by the Procure-
ment Division, Public Bldgs. Branch,
Washington, D. C., for insect screens
in the U. S. Post Office at Tracy.

BIDS WANTED
SAN FRANCISCO.—Until January
27, 10 a. m., bids will be received by
the Procurement Division, Public
Buildings Branch, Washington, D. C.,
for furnishing and installing special
interior lighting fixtures at the U. S.
Post Office and Court House, San
Francisco.
Drawings and specifications not ex-
ceeding one set may be obtained from
the above office and from the Cust-
odian of the building, San Francisco.

BIDS WANTED
SACRAMENTO AIR DEPOT, Cal.—
As previously reported, until Jan.
27, 2 p. m., bids will be received by
the Construction Quartermaster, Sacra-
mento Air Depot, Cal., for the con-
struction and completion of three-ton
U. S. Army Standard Natural Draft
Incinerator at Sacramento Air Dep-
ot. Estimated cost, \$8,000.

Plans and specifications may be
obtained at the above office upon
deposit of a certified check in the
amount of \$5.00, payable to the
Treasurer of the United States.

BIDS WANTED
SACRAMENTO AIR DEPOT, Cal.
—As previously reported, until Jan.

28, 2 p. m., bids will be received by
the Construction Quartermaster, Sacra-
mento Air Depot, Cal., for the con-
struction and completion of an Air
Corps Gasoline Fueling System at
Sacramento Air Depot. Estimated
cost, \$20,000.

Plans and specifications may be
obtained at the above office upon
deposit of a certified check in the
amount of \$5.00, payable to the
Treasurer of the United States.

CONTRACT AWARDED
TERMINAL ISLAND, Los Angeles
Co., Cal.—C. B. Tuttle, 1124 West M
St., Wilmington, has been awarded a
contract at \$1433 by the 11th Naval
District for furnishing equipment for
and driving 47 reinforced concrete
piles for foundation of hangar build-
ing at Reeves Field, Terminal Island,
Los Angeles Harbor; Spec. No. 8636.
It was previously reported this
contract had been awarded Lebbens
Curtis, San Pedro. * 7

8— CLUB BUILDINGS

CONTRACT AWARDED
INGLEWOOD, Los Angeles Co.,
Cal.—Arthur Lowrance, 113 Market
St., Inglewood, has the contract for
construction of a new lodge building
on the northwest corner of Kelso
and South Commercial Sts., Ingle-
wood, for the Elks Lodge. Cost
\$30,000. 8

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 18
2 P. M., bids will be received by the
Los Angeles county supervisors for
improvements at Olive View Sanita-
rarium as follows:

- Furnishing and installing 3 new
250-h.p. water tube boilers with ac-
cessories, in boiler house, Olive View
Sanitarium in Los Angeles, near San
Fernando; 9
- (A) All work complete;
- (B) All work complete, but omitting
new boiler No. N-3.
- Specification 429.
- Furnishing and installing new
steam header and other new piping;
setting of new hot water heater,
pumps, etc.; removal and resetting
of existing pumps and alterations to
existing piping in boiler house at
Olive View Sanitarium, Los Angeles,
near San Fernando. Spec. 430. 9

9— HOSPITALS

Low Bidders
WARD BLDG.
MEDICAL LAKE, Wash.
Three-story and basement fireproof
ward building (185 x 44 ft.) and
demolition of existing structure;
PWA Docket 1481.
Owner—State of Washington.
Architect—George M. Rasque & Son,
Washington Trust Bldg., Spoka-
ne.
General—Benjamin H. Sheldon, Kel-
logg, Idaho—\$178,900.
Plumbing, Heating—Zahnzer & War-
ren, 609 Second St., Spokane—
\$30,584.
Electric—NePage McKenny Co., 804
6th St., Seattle—\$3,500. 9

Plans Being Figured — Bids Close
January 24, 11 A. M.
HOSPITAL BUILDING
Est. Cost, \$250,000.
EAST BAKERSFIELD, Kern County,
Calif. Kern General Hospital.
Four-story steel frame hospital wing
to provide for 150 patients (con-
crete walls and floors, brick ve-
neer exterior, tile roof, elevator,
asphalt tile floor surfacing, tiled
bathrooms, steam heat from cen-
tral plant).

Owner—County of Kern.
 Architect—Chas. H. Bigger, 554 Haberfeld Bldg., Bakersfield.
 Structural Engineer—Mark Falk, 903 Washington Bldg., Los Angeles.

Bids Opened

HOSPITAL BLDG.
STOCKTON STATE HOSPITAL,
 San Joaquin Co., Calif.
 Two-story reinforced concrete unit for acute disturbed females; steel sash, tile roof.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received as follows: General work; Heating and ventilating; Plumbing work, and Electric work.

Low Bidder—Villadsen Bros., Inc., 354 Hobart St., Oakland—\$129,600.
 Complete bids follow:

General Work

Villadsen Bros., Inc., Oakland	\$129,600
Dinwiddie Constr. Co., S. F.	131,800
Azevedo Constr. Co., Sacto.	133,500
K. E. Parker Co., S. F.	135,400
Carl N. Swenson Co., San Jose	137,000
Campbell Constr. Co., Sacto.	137,278
F. C. Amoroso & Sons, S. F.	142,646
B. A. Howkins & Co., S. F.	142,832
C. L. Wolf Constr. Co., Sacramento	142,872
Lindgren & Swinerton Co., Sacramento	145,340
O. H. Chain, Stockton	146,055

Heating and Ventilating

M. R. Carpenter, 907 Front St., Sacramento	17,478
Cory & Joslin, Inc., S. F.	18,981
Miller & Hays Co., Stockton	19,504
Hateley & Hateley, Sacto.	19,584
James A. Nelson, Inc., S. F.	19,743
Scott Co., Inc., S. F.	19,567
Luppen & Hawley, Inc., Sacto.	22,520

Plumbing

Hateley & Hateley, 1714 10th St., Sacramento	15,772
J. A. Fazio, Oakland	16,145
Miller & Hays Co., Stockton	18,645
Scott Co., Inc., S. F.	18,787
M. R. Carpenter, Sacramento	19,187
James A. Nelson, Inc., S. F.	19,189
Luppen & Hawley, Inc., Sacto.	20,893

Electric Work

Eddy Elec. & Mech. Co., 309 E. Weber Avenue, Stockton	7,145
Collins Electric Co., Stockton	7,413

NOTE: Cory & Joslin, Inc., San Francisco, submitted a bid for plumbing work of \$18,666 and added \$3,910 by wire, however, as accompanying check was insufficient, bid will not be considered.

10—HOTELS

Additional Sub-Contracts Awarded
ALTERATIONS Est. Cost, \$500,000
SAN FRANCISCO. Leavenworth and McAllister Sts. Re-named Hotel Empire.

Remodel and redecorate all the guest rooms and apts. in former Wm. Taylor Hotel, remodel church and basement into ramp garage; air-condition coffee shop and dining room and cocktail lounge; also Sky Club cocktail lounge to be built on 24th floor; new express elevator.

Managers—E. R. Rosenberg and C. E. Balin.

Architect—Douglas Dacre Stone, 381 Bush Street.

Associate Architects—Hertzka and Knowles, 369 Pine Street.

Contractor—Lindgren and Swinerton, Inc., 625 Standard Oil Bldg.

Composition Floor and Base—Malott & Peterson, 2412 Harrison St.

Leather Mat—Leather Mat Mfg. Co., 340 Sansome Street.

Plastering—Wm. G. and A. Gilmour,

666 Mission St.

Tile Work—The American Art Tile Co., 231 Franklin St.

Mirrors—W. P. Fuller & Co., 301 Mission Street.

Found System—W. L. Brown.

Ornamental Iron Work—McNeill-Steinberg Mfg. Co., 36 Clyde St.

As previously reported, steel lintels awarded to Patterson & Koster Iron Works, Inc., 280 13th St.; plate glass to W. P. Fuller & Co., 301 Mission St.; steel sash to Soule Steel Co., 1750 Army St.; heating and ventilating to Cochran & St. John, Ltd., 952 Mission St.; heating to Knittle Bros., 224 5th St.; plumbing to Herman Lewellen Co., 465 Tehama St.; ventilating to Acc Sheet Metal Works, 444 Clementina St.; electric work to Chas. A. Langlais, 472 Tehama St.; bar fixtures and equipment to Wm. Batesman, 1915 Bryant St.

for the construction of an addition to the Arizona State Capitol, PWA project. The addition will be a 4-story and basement, Class A structure, with reinforced concrete walls and floor and roof slabs, granite and tufa stone exterior facing, copper roof, steel sash, air conditioning, one electric elevator; book lifts, brick work, ceramic tile work, marble, steel book stacks, Venetian blinds, central vacuum cleaning system, cast stone, insulation. Orville A. Bell, architect, 321 Beard Bldg., Phoenix.

The bids were:
 Ded E. Webb Const. Co., \$605,999; (1) alternate, \$435,547.
 M. H. Golden, \$607,384; (1) \$442,860.
 Wm. M. Sundt, \$619,600; (1) \$445,332.
 H. Mayson, \$655,171; (1) \$483,184.

BIDS WANTED

SANTA BARBARA, Calif.—Until Jan. 6, 1 P. M., bids will be received by the City of Santa Barbara for the construction of a municipal outdoor swimming pool and bathhouse at Plaza Del Mar. Bidding data obtainable from Architects Henry W. Howell and Wm. A. Edwards, 114 E. De la Guerra St., Santa Barbara, upon deposit of \$10, returnable. Certified or cashier's check or bond for \$5 required. * 13

BIDS WANTED

VENTURA CO., Cal.—Standard Constr. Co., 2520 Ridgeview Ave., Eagle Rock, at \$5,652, submitted low bid to the Division of Highways, Dec. 27, for construction of a truck shelter at El Rio Maintenance Station, between Ventura and Oxnard, Ventura County. Other bids were: A. A. Jacobson, \$5852 Contracting Engineers Co., \$6285; Geo. McLeod, \$6458; Hansen & Izer, \$6594; Victor L. Jacobson and W. B. Johnson, \$9350. * 13

BIDS OPENED

VENTURA CO., Cal.—Standard Constr. Co., 2520 Ridgeview Ave., Eagle Rock, at \$5,652, submitted low bid to the Division of Highways, Dec. 27, for construction of a truck shelter at El Rio Maintenance Station, between Ventura and Oxnard, Ventura County. Other bids were: A. A. Jacobson, \$5852 Contracting Engineers Co., \$6285; Geo. McLeod, \$6458; Hansen & Izer, \$6594; Victor L. Jacobson and W. B. Johnson, \$9350. * 13

BIDS WANTED

BELMONT, San Mateo Co., Cal.—Until January 5, 3 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, for removing 15 feet from top of stack at Belmont Pumping Station and furnishing and installing stack hood.

BIDS WANTED

SAN FRANCISCO.—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Sts., at 177, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for furnishing and installing metal grilles and wire frames for the cashier's office at the S.F.W.D. Bldg., 425 Mason St. Complete bids follow:
 Michel & Pfeffer Iron Works, Inc. \$177
 Patterson & Koster Iron Wks. 179
 McNeill-Steinberg Mfg. Co. 190
 Sartorius Co. 202
 West Coast Wire & Iron Wks. 279
 Anchor Post Fence Co. 290

BIDS OPENED

SAN FRANCISCO.—H. E. Simpson 520 Sixth St., at 147.00 submitted the low bid to Public Utilities Commission, Room 287, City Hall, for repainting and waterproofing sidewalk lights for the S. F. W. D. Bldg., 425 Mason Street.
 Other bids were:
 D. C. McCabe \$225.00
 Duart Manufacturing Co. 169.00

BIDS OPENED

SAN FRANCISCO.—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Sts., at 177, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for furnishing and installing metal grilles and wire frames for the cashier's office at the S.F.W.D. Bldg., 425 Mason St. Complete bids follow:
 Michel & Pfeffer Iron Works, Inc. \$177
 Patterson & Koster Iron Wks. 179
 McNeill-Steinberg Mfg. Co. 190
 Sartorius Co. 202
 West Coast Wire & Iron Wks. 279
 Anchor Post Fence Co. 290

BIDS OPENED

SAN FRANCISCO.—H. E. Simpson 520 Sixth St., at 147.00 submitted the low bid to Public Utilities Commission, Room 287, City Hall, for repainting and waterproofing sidewalk lights for the S. F. W. D. Bldg., 425 Mason Street.
 Other bids were:
 D. C. McCabe \$225.00
 Duart Manufacturing Co. 169.00

BIDS OPENED

SAN FRANCISCO.—H. E. Simpson 520 Sixth St., at 147.00 submitted the low bid to Public Utilities Commission, Room 287, City Hall, for repainting and waterproofing sidewalk lights for the S. F. W. D. Bldg., 425 Mason Street.
 Other bids were:
 D. C. McCabe \$225.00
 Duart Manufacturing Co. 169.00

14—RESIDENCES

Proposed RESIDENCES

Cost, \$5,000 to \$12,000 ea.
GARFON VILLAGE, San Mateo Co., Cal. Adjacent to Lake Merced Golf Course.

11—ICE AND COLD STORAGE PLANTS

EXCAVATION CONTRACT AWARDED

ESCONDIDO, San Diego Co., Cal.—V. R. Dennis Constr. Co., San Diego, awarded contract for excavation for an ice manufacturing and storage plant being built in Escondido for the Escondido Orange Assn. Gay Engineering Corp., 2730 E. 11th St., Los Angeles, is the general contractor, and Mark Falk, Washington Bldg., Los Angeles, the structural engineer. 11

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Sub Contracts Awarded

ADDITION Cont. Pr., \$6,764
PACIFIC GROVE, Monterey Co., Cal. Addition of new wing to the city library bldg. (lecture room, stock room, children's rooms, etc.).
 Owner—City of Pacific Grove (Erwin Dames, city manager).
 Architect—C. J. Ryland, Carmel and Monterey.

Contractor—W. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.
Roofing—Monterey County Roofing & Tile Co., 263 Main St., Salinas.
 Plumbing, Heating & Sheet Metal—Pacific Heating & Plumbing Co., P.O. Box 49, Monterey.

Electric Wiring—Tice Electrical Shop, 479 Alvarado St., Monterey.

Lumber & Mill Work—The Work Lumber Co., David & Lighthouse Ave., Monterey.

Hardware—Fred Cope, 561 Lighthouse Ave., Pacific Grove.

Lathing and Plastering—C. J. Lee, R.F.D. 1, Box 588, Monterey.

Linoleum—Monterey Furniture Co.

Bids Wanted—To Close January 6, 3:00 P. M.
STATE SCHOOL BUILDINGS Cost, \$558,267

OLYMPIA, Wash.
 Six institutional school buildings at Western State Custodial School.

Owner—State of Washington.
 Architect—Graham & Painter, Dexter Horton Bldg., Seattle.

Plans and specifications obtainable from the architect's office upon deposit of \$25.

Separate bids will be received for general plumbing, heating, wiring and refrigeration.

It was previously reported these bids would be opened Jan. 3. * 13

CONTRACT AWARDED

PHOENIX, Arizona.—Del E. Webb Const. Co., 1633 W. Jefferson Street, Phoenix, was awarded contract by the Board of Directors of State Institutions, State of Arizona, at \$133,547,

Four hundred five-room residences (California, Monterey and Colonial styles).
 Owner & Builder—Paul A. Wolter, Jr. Architect—A. H. Larsen, 333 Kearny. Construction of initial units will be underway early next year.

To Be Done By Day's Work
 RESIDENCES Cost, \$6,000 each
 SAN FRANCISCO. S. Turk St., 125 and 150 ft. W. Roselyn Terrace. Two two-story and basement frame residences.
 Owner & Builder—Oliver M. Rouseau, 321 Kearny St.
 Architect—Not Given. 14

To Be Done By Day's Work
 RESIDENCES Cost, \$5,000 each
 SAN FRANCISCO. N. Greenwich, 87 and 113 ft. E. of Pierce St. Two two-story and basement frame residences.
 Owner & Builder—Thos. R. Sharman, 3700 Broderick St.
 Architect—Not Given. 14

Preparing Working Drawings
 RESIDENCE Cost, \$.....
 HILLSBOROUGH, San Mateo Co. Two-story frame and stucco residence (10 rooms, 4 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, gas.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame. 14

Contract Awarded
 ALTERATIONS Cost, \$6,500
 OAKLAND, Alameda C., Calif. 202 East 12th Street.
 Alterations to residence to repair fire damage.
 Owner—Wm. O. Wedgwood, 202 East 12th St., Oakland.
 Architect—Not Given.
 Contractor—Fred J. Early, 366 40th St., Oakland. 14

Contract Awarded
 RESIDENCE Cost, \$7,000
 OAKLAND, Alameda Co., Cal. 2636 East 27th St.
 One-story frame and stucco duplex residence (6 rooms).
 Owner—W. Bain, 1529 6th Ave.
 Architect—Not Given.
 Contractor—R. J. Johnson & Son, 560 36th St. 14

Preparing Sketches
 RESIDENCES Cost, \$.....
 OAKLAND, Alameda Co., Calif. New seven-room residence.
 Owner—Withheld.
 Architect—John E. Dinwiddie, 360 Pine St., San Francisco.

Low Bidder
 RESIDENCE Cost, \$.....
 BELVEDERE, Marin Co., Calif. Two-story frame and wood siding residence hardwood floors, tile baths, composition shingle roof.
 Owner—Withheld.
 Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.
 Low Bidder—Moore & Madsen, 557 Market St., San Francisco.

Plans Being Figured—To Close January 4, 12 Noon
 RESIDENCES Cost, \$.....
 SAN FRANCISCO, Cal. Two new residences.
 Owner—R. J. Ellkus & Eugene J. Ellkus, c/o Architect.
 Architect—Farr & Ward, 68 Post St. A. F. Mattock Co., 212 Clara St., is figuring plans and desires sub bids in their office not later than Jan. 3 on all portions of the work.
 Architect—Frederick L. Confer, 3147 Claremont Ave., Berkeley.
 Contractor—C. M. Teigland, 525 49th St., Oakland.

Contract Awarded
 RESIDENCE Cost, \$.....
 SAN FRANCISCO. Vallejo St. near Divisadero St.
 Three and one-half story frame and stucco residence (12 rooms, five baths) tile roof, steel sash, hardwood floors, warm air heating system, canvas walls, mahogany veneer finish, copper flushing and gutters, three flight circular stair case, quarry tile deck, Vitrolite and mirrors.
 Owner—S. M. Levee.

Preparing Working Drawings
 RESIDENCE Cost, \$.....
 HILLSBOROUGH, San Mateo Co., Calif. Two-story frame and stucco residence (4 bedrooms, 5 baths, powder room), wood shingle roof, wood sash, gas-fired heating system, some hardwood floors, air conditioning system, etc.
 Owner—Withheld.
 Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.

To Be Done By Day's Work
 RESIDENCES Cost, \$4,000 each
 SAN FRANCISCO. W. 21st Ave., S of Ortega St. Seven one-story and basement frame residences.
 Owner & Builder—R. F. Gall, 377 W. Portal Ave.
 Architect—E. H. Denke, 1317 Hyde Street. 14

Contract Awarded
 RESIDENCE Cost, \$21,300
 SAN FRANCISCO. W. Church, 97 ft S 19th St.
 Two-story and basement frame residence.
 Owner—L. Parry Douglas, 2595 Douglas St.
 Architect—Not Given.
 Contractor—Thos. McCormick, 73 Hill St. 14

15— SCHOOLS

December 30, 1937

BIDS OPENED
 SAN FRANCISCO.—Aetna Hardwood Floor Co., 951 Brannan St., at \$61.00 submitted low lump sum bid to the Department of Public Works, Room 251, City Hall, for sanding the floors at Yerba Buena; Frank McCoppin and Patrick Henry schools.
 Other lump sum bids were:
 Ace Square Deal Floor Co.....\$75.00
 Inlaid Floor Company.....80.00

Additional Sub-Contracts Awarded
 SCHOOL Cost, \$124,016
 FOWLER, Fresno Co., Calif. Fourth and Tuolumne Streets.

One-story wood frame school bldg. (10 classrooms and auditorium).
 Owner—Fowler Elementary School District (W. T. Dice, Clerk).

Architect—Charles H. Franklin, 522 T. W. Patterson Bldg. and Ernest J. Kump, Rowell Bldg., Fresno.
 Structural Engineer—Mark F. Aik, Washington Bldg., Los Angeles.
 Contractor—T. C. & W. H. Irwin, 908 Mildreda, Fresno.

Roof Trusses—Arch Rib Truss Company, Oakland.

Roofing and Finish Hardware—Valley Lumber Co., Fresno.

Sheet Metal—Standard Sheet Metal Works, Fresno.

Glass and Glazing—W. P. Fuller and Co., Fresno.

Painting—Mingus & Pascoe, Coalinga Awnings—Valley Tent & Awning Co., Fresno.

Insulation—L. H. Clausen Co., Los Angeles.

Tile Flooring—Valley Home Insulation Co., Fresno.

As previously reported, concrete awarded to M. Madsen, 247 Maple Millwork to Hollenbeck-Bush Planning Mill; reinforcing steel to Kyle and Co., 346 G St.; plastering to Wm. E. Smart, 3520 Illinois.

CONTRACT AWARDED
 SAN BERNARDINO, Cal.—Martin Green, 288 17th St., San Bernardino, at \$153,697 (subject to PWA approval), awarded contract by San Bernardino High School District for construction of a social hall-cafeteria building and a 12-classroom building at Arrowview Junior High School, Highland Ave. and G St., San Bernardino. Award was made on normal bid of \$154,580 with deductions totaling \$883 for omission of some of the cafeteria equipment. DeWitt Mitcham, architect, 615 D St., San Bernardino. Other bids were: Baker & Robinson, \$155,755; Theo. Beyer Corp., \$156,920; Geo. Herzy & Co., \$157,963; Campbell & Kelly, \$165,500; H. A. Nichols, \$166,681; Raay J. Daum, \$166,929; Arthur Pinner, Jr., \$167,800; J. K. Thomas, \$168,411; H. B. Nicholson, \$172,529; W. E. Allen, \$176,745; John Blystone, \$178,000. 15

Bids Wanted — To Close January 6, 2:00 P. M.
 SCHOOL Est. Cost, \$85,500
 STANWOOD, Wash. Two-story school building.
 Owner—School District 333, W. B. Davis, Clerk, Stanwood.
 Architect—Earl W. Morrison, Textile Tower, Seattle.

Plans and specifications obtainable from the Architect's office upon deposit of \$25.
 Separate bids will be received for general work, heating, plumbing and electrical work. 15

Plans Approved
 RECONSTRUCTION Cost, \$30,000
 BURLINGAME, San Mateo Co., Cal. Reconstruction & earthquake-proofing of Howard Ave. School (two-story wood frame building).
 Owner—Burlingame Elementary Sch. Dist. (L. D. Henderson, Supt.) El Camino and Oak Grove Avenues, Burlingame.

Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
 Structural Engineer—H. B. Hamill, 381 Bush St., San Francisco.

Plans have been approved by the State Division of Architecture.

Bids Wanted — To Close January 6, 8:00 P. M.
 SCHOOL Est. Cost, \$61,300
 PORT ORCHARD, Wash. Two-story shop and combined auditorium, gymnasium building (94x 102 ft.).
 Owner—South Kitsap Union High Sch. District (Mrs. W. A. Hiersch, Clerk).

Architect—Fred B. Stephen, Smith Tower, Seattle.
 Plans and specifications obtainable from the architect's office, upon deposit of \$15. 15

Plans Completed
 SCHOOL Est. Cost, \$100,000
 NACHES, Wash. One-story brick veneer school bldg. (285x90 ft.), with 160-ft. T at one end; also 4-room addition to present high school building.
 Owner—School District 121, Yakima County (James Cowan, Clerk), Naches.

Architect—Walter H. Rothe, Yakima. Plans and specifications have been forwarded to Portland for approval, and bids will probably be called about January 15 by Frank Robertson, Superintendent of Schools. 15

BIDS WANTED

SAN FRANCISCO.—Until Jan. 5, 2:30 p.m., bus will be received by the Department of Public Works, Room 251, City Hall, for construction of a lunch room at the John Muir School, Webster and Page Streets. Estimated cost, \$3,000.

Plans and specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

Plans Completed

BOYS' GYM Est. Cost, \$147,000
SAN FRANCISCO. Lowell High School, Grove St., near Masonic Avenue.

Reinforced concrete boys' gymnasium (72 x 93 feet), composition covered roof supported on steel, steel roof trusses, brick and terra cotta exterior finish.

Owner—San Francisco High School District.

Architect—Charles H. Sawyer, Room 265, City Hall.

Plans are now in Sacramento, awaiting approval of State Division of Architecture.

BIDS OPENED

LOS ANGELES, Cal.—Kiss Crane Service, 5400 Imperial Highway, submitted low bid to Los Angeles Board of Education, at \$850, for demolition of a portion of the main building at the Aragon Avenue School, 1118 Aragon Ave. Other bids were: B. G. Karn, \$975; Lee Mead Wrecking Co., \$1185; Cleveland Wrecking Co., \$1235; California Wrecking Co., \$1268; Stern-Briell Lumber & Wrecking Co., \$1275; Emco Concrete Cutting Corp., \$1431, and L. A. Wrecking Co., Inc., \$2695. * 15

Bids Wanted — To Close January 7, 2:00 P. M. Cost, \$37,000
SCHOOL
GRANITE, Wash.

Two-story high school.
Owner—Consolidated School District, 332 Snohomish County.
Architect—Earl W. Morrison, Textile Tower, Seattle.

Plans and specifications obtainable from the Architect. * 15

Bid Opened
ASSEMBLY HALL Cost, \$.....
COURTLAND, Sacramento Co., Calif.

One-story frame and stucco assembly building with balcony to seat 800, composition roof, stage equipment, etc., at Courtland High School.

Owner—Courtland Joint Union High School District.

Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Low Bidder—Peterson Construction Co., 1708 Q St., Sacramento—\$23,540.

Only one bid received, which is being held under advisement.

Sub Contracts Awarded
SCHOOL Cont. Pr., \$68,400
KERN CO., Cal. 5 mi. west of Shafter.

One-story school building.
Owner—Maple School District.

Plans by Ferrine & Mackie, Herbert E. Mackie, Architect, 908 Western Pacific Bldg., Los Angeles.

Contractor—Elliott & Elliott, 1105 Brundage, Bakersfield.

Electric Wiring—S. Fingerhut, 1818 M Street.

Mill & Glass—Hayward Lumber and Inv. Co., 1431 H St.

Heating and Sheet Metal—Gundlach Plumbing & Sheet Metal Co., 2324 Chester Ave.

Painting—Peckham & Foster.

Plastering—C. D. Conklin, 120 Pacific St.

Plumbing—A. E. Abbott, 910 Monterey St.

Structural and Reinforcing Steel and Ornamental Iron—F. Kimble.

Roofing—Kern County Roofing & Tile Co., 427 E. 21st St.

Tile—Charles L. Zink, Chester Lane. All of Bakersfield. * 15

Sub-Contracts Awarded
SCHOOL Cont. Price, \$89,000
TAFT, Kern Co., Calif.

Ford City School (1story, frame and stucco construction, 4 classrooms, combination gymnasium - auditorium with stage, offices, dressing rooms, etc.

Owner—Taft School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.

Structural Engineer—Mark Falk, Washington Bldg., Los Angeles.

Contractor—Henry Elssier, 2229 18th Street, Bakersfield.

Roofing—Kern Co. Roofing Co., 427 E. 21st St., Bakersfield.

Plumbing and Heating—Wm. McKinney, 902 18th St., Bakersfield.

Electric Wiring—G. T. Garrett, Taft Sheet Metal—Geo. Wilson, 1019 19th St., Bakersfield.

Interior Tile—Charles Zink, Chester Lane, Bakersfield.

Glazing—W. P. Fuller & Co., Fresno.

Reinforcing Steel—Trojan Steel Co., 3500 Medford Ave., Los Angeles.

Linowall—McNaul & Baxter, Bakersfield.

Structural Iron—Kyle & Co., 346 G St., Fresno.

Blackboards and Cork—Spinner-Diest Corp., 6518 Avalon Blvd., Los Angeles.

Grading—Rock & Sand—C. W. Hartman, Oak St., Bakersfield.

Holes for Piling—F. W. Hunt, 2121 S Primrose Ave., Alhambra.

Lumber and Mill—Taft Lbr. Co., Taft

Finish Hardware—Pioneer Mercantile Co., Taft.

Painting—Earl Hinkle, Taft.

Plastering—Alex Simpson, Box 924, Bakersfield.

Asphalt Tile—McNaul & Baxter, 2331 Union Ave., Bakersfield.

Hollow Metal, Toilet Stalls and Universal Hardware—Pioneer Mercantile Co., Taft.

Steel Sash—Soule Steel Co., L. A.

CONSTRUCTION STARTED

RIVERSIDE CO., Cal.—Pinkerton & Jameson, 118 E. 6th St., Corona, started work Dec. 27 on the construction of a new high school building in Banning and a branch high school in Palm Springs for the Banning Union High School District, a \$266,000 project. The contract price is \$266,000. G. Stanley Wilson, architect, 3616 Main St., Riverside. * 15

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 12 2 P. M., bids will be received by the Los Angeles Board of Education for construction of a shop building at the Thomas Jefferson high school, 1319 E. 35th St. Separate bids will be taken on the general work, plumbing, heating and ventilating, and electric wiring. The reinforced concrete bldg. will be 1-story, of modern design, the classroom wing, 119x60-ft. in area, and the shop wing, 32x100-ft. in area. Stiles O. Clements, 1135 Van Nuys Bldg., architect; Edwin F. Rudolph, structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer. * 15

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 12 2 P. M., bids will be received by the Los Angeles Board of Education for construction of a shop building at the Thomas Jefferson high school, 1319 E. 35th St. Separate bids will be taken on the general work, plumbing, heating and ventilating, and electric wiring. The reinforced concrete bldg. will be 1-story, of modern design, the classroom wing, 119x60-ft. in area, and the shop wing, 32x100-ft. in area. Stiles O. Clements, 1135 Van Nuys Bldg., architect; Edwin F. Rudolph, structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer. * 15

Contract Awarded
SCHOOL Cont. Pr., \$95,185
KERN COUNTY, Calif.

New 10-room brick and concrete elementary school building and cafeteria addition (brick facing, tile

roof, wood partitions, metal lath, maple & linoleum-covered floors, steam heat, architectural terra cotta, insulation, staff work, steel windows, stucco, tile work, wall-board, waste moulds, waterproofing, plaster interior finish, etc.).

Owner—Beardsley School District.
Architect—Symmes & Willard, Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Contractor—Guy E. Hall, 4344½ S Arlington Ave., Los Angeles.

Complete bids follow:

Trewhitt, Shields & Fisher, Fresno \$99,654

A. J. Hendricks, Bakersfield.....101,750

Frank A. Greenough, Bakersfield101,974

Opperman & Co., Bakersfield.....102,900

H. A. Nichols, L. A.107,065

Plans Being Figured — Bids Close
January 5, 10 A. M.

SCHOOL Cost, \$.....
SAN FRANCISCO, Naples and Italy

Two-story and basement concrete school building (9 classrooms), at St. Epiphany's.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Milton, Underwood Bldg., San Francisco.

Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans are being figured by a selected list of contractors.

Contract Awarded
SCHOOL ADDITION

Contract Price, \$28,400
KERN CO., Calif. Pondham.

One-story frame and stucco addition to the Pondham School (consisting of two classrooms and a cafeteria).

Owner—Pondham School District.
Architect—Frank Wynkoop, 313 Haberfelde Bldg., Bakersfield.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—Elliott & Elliott, 1801 E. California St., Bakersfield—\$28,400.

Sub contracts have been awarded as follows:

Electric Wiring—S. Sam Fingerhut, 1818 M St.

Class—W. P. Fuller & Co., 2016 Chester Ave.

Heating—W. M. McKenney, 902 18th St.

Mill Work—Hayward Lumber Co., 1431 H St.

Reinforcing Steel and Ornamental Iron—F. W. Kimble, P.O. Box 1093.

Painting—DeArmond & Wagner, 416 Quincy St.

Plastering—C. D. Conklin, 120 Pacific Street.

Plumbing—Modern Plumbing Co., 400 Sonora St.

Roofing and Tile—Kern County Roofing & Tile Co., 427 E. 21st St.

Sheet Metal—G. E. Wilson Sheet Metal Works, 1019 19th St.

All of Bakersfield.

Bids Wanted — To Close January 10, 7:30 P. M.

SCHOOL Est. Cost, \$116,000
PUYALLUP, Wash.

Addition of two three-story wings and one-story leanto to present high school.

Owner—Puyallup High School District, Pierce Co. (R. L. Forbes, Clark).

Architect—Mock & Morrison, Perkins Bldg., Tacoma.

Plans and specifications obtainable at the architect's office upon deposit of \$15.00.

Separate bids will be received for general, plumbing, heating and electrical work. * 15

CONTRACTS AWARDED

COLTON, San Bernardino Co., Cal.—Bernier & Swerking, 556 Court St., San Bernardino, at \$67,140, awarded general contract by the Colton Sch. District for construction of a junior high school building on South Eighth St., Colton. R. R. Jones Elec. Co., 1124 S. Fair Oaks, South Pasadena, awarded electric wiring at \$3474, and Nichols Plumbing Co., San Bernardino, awarded plumbing at \$5996. Allison & Allison, architects, 2013 Edison Bldg., Los Angeles. 15

SUB BIDS WANTED

SAN FRANCISCO.—Miller Constr. Co., 3917 Mission St., is figuring plans and desires sub bids on all portions of the work for the construction of a school building at St. Epiphany's, Naples and Italy Sts. for which bids will be opened Jan. 5, 10 a.m.
Plans prepared by Architect Henry A. Minton, Underwood Bldg., San Francisco. 15

Contract Awarded

AUDITORIUM Cont. Price, \$133,150 KING CITY, Monterey Co., Calif.

New High School Auditorium building (stage, small dressing room, property room, boiler room, auditorium and balcony, seating 1000, foyer, toilet facilities, closets, check room, ticket rooms, etc. Owner—King City High School Dist. Architect—Robert Stanton, Hotel Del Monte, Del Monte.
Contractor—A. Nelson, Inc., Ocean Ave., San Francisco.

Bids Wanted — To Close Jan. 15, 2:30 P. M.

SCHOOL
SAN JOAQUIN CO., Calif. Three mi. north of Lodi (Huston Grammar School).

One - story school building (5 classrooms and auditorium), tile roof. Owner — Huston Grammar School District.
Architect — Victor Galbraith, 221 E. Acacia St., Stockton.

Sub Contracts Awarded
ADDITION Cont. Pr., \$13,212 FRESNO, Fresno Co., Cal.

Three brick toilet buildings; one at the Daily School, one at Franklin School, and one at Fremont School.

Owner—City of Fresno School District (L. L. Smith, Secy.).
Architect — F. L. Swartz, Erix Bldg., Fresno.

Contractor—Harris Constr. Co., 577 McKinley, Fresno.

Concrete—M. Madsen, 247 Maple. Electric Work—Fresno Electric Co. Masonry—Harry M. Smith. Painting—Carl C. Larsen. Plastering—Wm. E. Smart. Sheet Metal—Z. Z. Dowd. Steel Sash—Valley Glass Co. Glass & Glazing—W. P. Fuller & Co. Roofing—Farris-Osborne Co. All of Fresno.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 12, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for excavation and foundation for the Science Bldg. of the San Francisco Junior College, Ocean and Phelan Avenues. Estimated cost, \$30,000.

Specifications may be obtained at the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

BIDS OPENED

SAN FRANCISCO.—Wickwre Spencer Steel Co., 101 Townsend St., at \$293.00 submitted low bid to the Department of Public Works, Room 251, City Hall, for furnishing and in-

stalling chain link fence at Laguna Honda School, 7th Ave. near Irving.

Other bids were:
Anchor Post Fence Co. \$319.22
Standard Fence Company..... 323.10

10—BANKS, STORES AND OFFICES

WORK STARTS SHORTLY

LOS ANGELES, Calif.—Arthur S. Barnes, 403 Title Insurance Bldg., will start work Jan. 3 on the construction of a 1-story class C store building, 44 x 100 ft. in area, at 4770 Whittier Blvd. for the Watson Land Co. Part of the building will be occupied by W. P. Fuller & Co. Arthur C. Munson, architect, 403 Title Insurance Bldg. 16

Low Bidder

ADDITION Cost, \$.....
SANTA CLARA CO., Calif. Cambrian School District.
ADDITION of an auditorium to Cambrian Grammar School.
Owner—Cambrian Union Elementary School District.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Low Bidder—Dan Caputo, 401 Illinois Ave., San Jose—\$10,200.

Additional Sub Contract Awarded

OFFICE BLDG. Est. Cost, \$104,750 SAN FRANCISCO. Block bounded by 15th, 16th, Carolina and DeHaro. Two-story Class C office bldg. and warehouse (400 x 148 ft.), second story at one end only, 148 x 68 ft. along 400-ft. side; concrete walls, wood posts and girders, wood roof sheeting, composition roof, steel windows, etc.

Owner—Braun - Knecht-Heimann Co., 584 Mission St.
Architects—W. P. Day and H. M. Michelsen, 405 Montgomery St.
Contractor—Cahill Brothers, 206 Sansome St.

Lumber—J. H. McCallum, 743 Bryant St., San Francisco.

As previously reported; Reinforcing steel awarded to Truscon Steel Co., 604 Mission St.; Driving of piles to M. E. McGowan, Inc., Call Bldg., San Francisco.

Sub Contracts Awarded

TELEPHONE EXCHANGE BLDG. Cost, \$.....
SALINAS, Monterey Co., Calif. Pajaro Street, between E. San Luis and Alisal Streets.

Excavation work, pile driving, foundation work and erection of steel for two-story and basement steel frame and fireproof telephone exchange building to house new central office equipment.

Owner — Pacific Telephone & Telegraph Co. (N. W. Black, local manager).

Plans by Engrg. Dept. of Owner. Contractor—Monson Bros., 475 Sixth St., San Francisco.

Reinforcing Steel—W. S. Wetehall Co., 17th and Wisconsin Streets, San Francisco.

Pile Driving—C. Dudley De Velbiss Co., 400 Perkins St., Oakland.

WORK STARTS SHORTLY

LOS ANGELES, Calif.—George M. Holstein, Jr., 9437 Santa Monica Blvd., Beverly Hills, will start work within the next few days on the construction of a 2-story and basement store and apartment building (80x80-ft.) at the corner of Kinross and Glendon Aves., West Los Angeles, for Nell R. Applegate. Est. cost, \$35,000. Allen G. Siple, architect, 450 N. Beverly Dr., Beverly Hills; S. B. Barnes, structural engineer, 803 W 3rd St., Los Angeles. 16

BIDS WANTED

SAN FRANCISCO.—Until Dec. 29, 3 p.m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for furnishing and installing metal grilles and wire frames for the cashier's office at the S. F. W. D. Bldg., 425 Mason Street. Specifications obtainable at Room 701, 425 Market St.

Additional Sub Contract Awarded
OFFICE BLDG. Est. Cost, \$104,750 SAN FRANCISCO. Block bounded by 15th, 16th, Carolina and DeHaro.

Two-story Class C office bldg. and warehouse (400 x 148 ft.), second story at one end only, 148 x 68 ft. along 400-ft. side; concrete walls, wood posts and girders, wood roof sheeting, composition roof, steel windows, etc.

Owner—Braun - Knecht-Heimann Co., 584 Mission St.

Architects—W. P. Day and H. M. Michelsen, 405 Montgomery St.

Contractor—Cahill Brothers, 206 Sansome Street

Driving of Piles—M. E. McGowan, Inc., 74 Call Bldg., San Francisco.

As previously reported: Reinforcing Steel—Truscon Steel Co., 604 Mission St.

17— THEATRES

CONTRACT AWARDED

MANHATTAN BEACH, Los Angeles Co., Cal.—O. W. Karn, 3232 E. 50th St., Los Angeles, awarded general contract for construction of a reinf. conc. motion picture theater building (120 x 90 ft.) on the SE corner of Center St. and Bay View Dr., Manhattan Beach, for Pacific States Theaters. Other contracts not yet awarded. C. A. Balch, architect, 1914 S. Vermont Ave., Los Angeles. 17

PLANS BEING FIGURED

LOS ANGELES, Cal.—Architect C. A. Balch, 1914 S. Vermont Avenue, is taking bids from following selected contractors for alterations to the Hollywood Theater, 6764 Hollywood Blvd., for the Theaters Holding Co.: A. V. Perkinson, 1149 N. Las Palmas; R. J. Baum, 8603 West Blvd., Inglewood; Jackson Bros.-Le Sage, 547 S. Fairfax; Robert E. Millsap, Inc., 437 S. Hill St. 17

Bids Rejected
THEATRE AND STORE Cost, \$.....
SACRAMENTO, Calif.

Theater and store building. Owner—Tower Theater & Realty Corporation, 25 Taylor St., San Francisco.

Architect—Robt. C. Younger, 25 Taylor St., San Francisco.
Bids rejected as too high. Plans being revised and new bids will be asked the first of the year.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

COWLITZ CO., Wash.—NePage-McKenny Co., 804 Sixth St., Seattle, at \$73,552.45, awarded contract by the Cowlitz County Public Utility District No. 1, Jas. A. Doyle, Secretary, Longview, for the construction of about 83 miles of electric distribution lines in Cowlitz County. 19

Contract Awarded
SWIMMING POOL Cont. Pr., \$.....
MENLO PARK, San Mateo Co., Cal. St. Patrick's Seminary.

Alterations to swimming pool. Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—John J. Foley, 770 Fifth

Ave., San Francisco.
Contractor—E. Nommensen, 315 S. 17th St., San Jose.

Bids Wanted — To Close January 3, 3:00 P. M.

PILING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Piling for buildings surrounding the north square cost No. 1 under Contract No. 138; approximately 120 green piles.

Owner—S. F. Bay Exposition, Inc. (Leland W. Cutler, Pres.), 555 Bush St.

Architect—S. F. Bay Exposition Architectural Commission, 555 Bush Street.

Plans and specifications obtainable at 585 Bush St., upon deposit of \$20.

CONTRACTS AWARDED

EL CENTRO, Imperial Co., Cal.—Contracts for the materials for 600 rural electrical distribution lines, Imperial County, awarded by the Directors of the Imperial Irrigation District, are:

Section 1—Western red cedar butt-treated poles, to Benson Lumber Co., San Diego, at \$79,658.14.

Sec. 2—Cross-arms to Benson Lbr. Co., San Diego, at \$7024.60.

Sec. 3—Pole line hardware, to Electric Wholesale Mart, Los Angeles, at \$32,292.97.

Sec. 4 — Insulators, to Porcelain Products, Inc., Parkersburg, West Va., at \$12,487.

Sec. 5—Concrete anchors, to McDowell Concrete Pipe Works, Brawley, at \$1632.45.

Sec. 6—Aluminum main wire and accessories, to Alumin. Co. of Am., Los Angeles, at \$48,734.82.

Sec. 7—Misc. wire and accessories, to Maydwell & Hartzell, Los Angeles, at \$79,248.07. * 19

BIDS REJECTED

LOS ANGELES, Cal.—Metropolitan Water District, Los Angeles, rejected all bids under Spec. 248, for telephone equipment for Colorado River aqueduct pumping plants.

Bids were opened Dec. 13th. * 19

BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-75, for furnishing one lifeboat and equipment, as follows:

- (1) One 53-person metal lifeboat;
- (2) One complete set of ocean equipment for lifeboat;
- (3) One cover set, including ridge-pole and spreaders;
- (4) One pair mechanical davits;

F.o.b. cars or boats at plant.

Complete bids follow:

C. C. Galbraith & Son, Inc., New York—(1) \$650, (2) \$135, (3) \$45, (4) \$875; total, \$1705; f.o.b. Keyport, N.J. Welin Davit & Boat Co., Newark, N. J.—(1) \$735, (2) \$88, (3) \$54, (4) \$950; total, \$1827; f.o.b. Newark, N.J. Lane Life Boat & Davit Corp., Brooklyn, N. Y.—(1) \$700, (2) \$184, (3) \$50, (4) \$1125; total, \$2059; f.o.b. Brooklyn.

Tregoning Boat Co., Seattle—(1) \$880, (2) \$225, (3) \$68, (4) \$1075; total, \$2248; f.o.b. Seattle.

Geo. W. Kneass Co., San Francisco—(1) \$970, (2) \$245, (3) \$65, (4) \$1500; total, \$2780; f.o.b. San Francisco. * 19

CONTRACT AWARDED

FLORENCE, Pinal Co., Ariz.—Sangamo Electric Co., Springfield, Ill., has been awarded contract by the San Carlos Irrigation and Drainage District for meters for the new rural electrification project. The new lines will total about 77 miles in length and will serve 370 customers. A. A.

King is supervising engineer. 19

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 174, for furnishing 450,000 lbs. fabricated steel and metal work for Centinela Avenue bridge over Ballona Creek.

Bethlehem Steel Co.—\$0569 lb.; total, \$25,605; deliv to job.
Consolidated Steel Corp.—\$06 lb.; total, \$27,000; deliv. to job.

Bethlehem Fabricators—\$07459 lb.; total, \$33,565.50; deliv. to job.

Ingals Iron Works—\$0546 lb.; total, \$24,570; f.o.b. Birmingham.

Columbia Steel Co.—\$0583 lb.; total, \$26,235; f.o.b. Gary, Ind.

Minneapolis - Moline Power Implement Co.—\$062 lb.; total, \$27,900; disc 1/4 of 1% 10 days.

Wisconsin Bridge & Iron Co.—\$0588 lb.; total, \$26,460; of this amount 20,000 lbs. is deliv. to job site (hand rail) and balance is f.o.b. Milwaukee. * 20

BIDS WANTED

LOS ANGELES, Calif.—As previously reported, until Jan. 7, 2 p.m., bids will be received by Metropolitan Water District, Los Angeles, for CI pipe and fittings, valves and miscellaneous metal work for Gene Wash and Copper Basin dams; Spec. 264.

The quantities are:

SCHED. 1—Misc. Metal Work

- (1) 2 only, 10-ft x 10-ft steel double door and frame complete with appurtenances;
- (2) 2 only, 3-ft 3-in x 6-ft 6-in do.;
- (3) 2 only, 2-ft 1 1/2-in x 15-ft 6-in open steel flooring sections and frames complete with appurtenances;
- (4) 2 only, gate hangers, complete;
- (5) 3 only, 1-ft x 8-ft steel frame and cover;
- (6) 3 only, 1-ft x 8-ft 8-in same;
- (7) 3 only, 1-ft 10-in x 2-ft 6-in hatchway steel frame and cover;
- (8) 176 only, type A, 3/4"x23-in anchor bolts with 2 hex. nuts;
- (9) 56 only, 3/4"x27-in. same;
- (10) 90 only, 4-in. ladder rungs;
- (11) 390 only, 4x3/8-in. by 10-ft. 4-in. trash bars;
- (12) 4 only, 3x3/8-in. by 9-ft 8 1/2-in steel plate;
- (13) 2 only, 2-ft 1 1/2-in. by 4-ft 8-in standard steel windows, complete;
- (14) 2 only 2-in. std. eye bolts;
- (15) 2 only, 1 1/2-in. std. eye bolts;

SCHED. 2—Ladderways

- (16) ladderway for Gene Wash Dam, downstream face, complete;
- (17) ladderway for Copper Basin Dam, upstream and downstream faces, complete;

SCHED. 3—Cast-Iron Bar Retainers

- (18) 18 only, upper vertical CI bar retainers, 5 ft long;
- (19) 18 only, lower vertical CI bar retainers, 5 ft long;
- (20) 8 only, upper horizontal CI bar retainers, 5 ft long;
- (21) 8 only, lower horizontal CI bar retainers, 5 ft long.

SCHED. 4—Pipe, Fittings & Valves

- (22a) lump sum, 4-in. CI pipe, 4.5-in O D by 0.380-in. wall thickness, screwed flanges, for Gene Wash;
- 1 pc 4 ft 3 1/2 in. long;
- 1 pc 3 ft 10 1/2 in. long;
- 1 pc 3 ft. 9 in. long;
- 1 pc 2 ft. 5 in. long;
- 1 pc 1 ft. 8 1/2 in. long;
- 1 pc 9 1/2 in. long;
- 120 3/8-in. bolts and nuts;
- 8 gaskets;

- (22b) lump sum, 4-in. CI pipe, 4.5-in. O D by 0.380-in. wall thickness, screwed flanges, for Copper Basin;
- 1 pc 4 ft. 10 1/2 in. long;
- 1 pc 4 ft. 8 1/2 in. long;
- 1 pc 4 ft. 2 1/2 in. long;
- 1 pc 3 ft. long;
- 1 pc 2 ft. 3 1/4 in. long;
- 1 pc 10 1/2 in. long;
- 120 3/8-in. bolts and nuts;
- 8 gaskets;

(23) lump sum, 6-in. CI pipe, 6.625-in. O D by 0.43-in. wall thickness, screwed flanges:

- 1 pc 5 ft. long (Gene Wash);
- 1 pc 6 ft. long (Copper Basin);
- 64 3/4-in. bolts and nuts;
- 4 gaskets;

(24) 10 only, 4-in., 90-deg. C I flanged elbows, 125-lb. working pressure:

- (25) 2 only, 6-in. same;
- (26) 2 only, 6x4x4-in. C I flanged tees, 125-lb. working pressure;
- (27) 2 only, 4-in. std C I, flanged, double disc gate valves, non-rising stem, 125-lb. working pressure;
- (28) 2 only, 6-in. same;

SCHED. 5—6-in. Vacuum Relief Valves and Misc. Parts

- (29) two 6-in. vacuum relief valves and appurtenances, std. flange connection, for 125-lb. working pressure. * 20

BIDS OPENED

OAKLAND, Calif.—American Cast Iron Pipe Co., Sharon Building, San Francisco, at \$14,354.20 submitted the low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS 208, for furnishing 4022 cast iron bell and spigot pipe fittings ranging in diameter from 4- to 12-inches.

Complete bids follow:
American Cast Iron Pipe Co., Sharon Bldg., S. F. \$14,354.20
Grinnell Co. of the Pacific 14,619.12
Santa Fe Foundry 14,954.50
Kirkland Company 15,000.00
Phoenix Iron Works 15,411.88
Pacific States C. I. Pipe Co. 17,477.51

CONTRACT AWARDED

OAKLAND, Cal.—Walworth California Company, 665 6th Street, San Francisco, at \$1198.84 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 953, for furnishing 450 couplings, 3000 elbows and 400 tees.

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Co., at \$6510, awarded contract by U. S. Engineer, Los Angeles, for 150,000 lbs. steel for Wabasso Way bridge; Circ. Prop. 172. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Co., at \$7041.30, awarded contract by U. S. Engineer, Los Angeles, for 147,000 lbs. fabricated steel for Opechee Way bridge. Circ. Prop. 173. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Joslyn Co., at \$15,000, was awarded contract by the Los Angeles Water & Power Commission for creosoted cross-arms, Spec. 2458. *

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 4, 2 p.m., bids will be received by the Los Angeles Water & Power Purchasing Agent for galvanized steel guy wire in 500-ft. coils:
1) 100,000 ft. 3/4-in.;
Spec. 2492. * 20
2) 125,000 ft. 5/16-in.;
3) 40,000 ft. 3/8-in. high strength wire.

BIDS OPENED

LOS ANGELES, Cal.—Bids for 8-385,000 lbs. steel reinf. bars f.o.b. cars at contractor's plant and/or f.o.b. cars as follows: items 1a to 8a, Minerva St. team track, L. A.; items 1b to 8b, West Glendale; items 1c to 8c, Compton; items 1d to 8d, North Hollywood, Circ. Prop. 171, were opened by U. S. Engineer, Los Angeles.

The items are:

- (1a) 290,000 lbs ½-in round bars (60-ft lengths);
- (1b) 1,000 lbs same (29-ft 6-in lgths);
- (1c) 1,000 lbs same (29-ft 6-in lgths);
- (1d) 500,000 lbs. same (29-ft 6-in lengths);
- (2a) 2,000,000 lbs ¾-in same;
- (2b) 600,000 lbs same;
- (2c) 1,000 lbs same;
- (2d) 1,300,000 lbs same;
- (3a) 1,000 lbs ¾-in same;
- (3b) 1,000 lbs same;
- (3c) 1,000 lbs same;
- (3d) 200,000 lbs same;
- (4a) 710,000 lbs ¾-in same;
- (4b) 38,000 lbs same;
- (4c) 1,000 lbs same;
- (4d) 100,000 lbs same;
- (5a) 930,000 lbs. 1-in same;
- (5b) 1,000 lbs same;
- (5c) 1,000 lbs same;
- (5d) 100,000 lbs same;
- (6a) 820,000 lbs 1-in square bars;
- (6b) 60,000 lbs same;
- (6c) 1,000 lbs same;
- (6d) 1,000 lbs same;
- (7a) 120,000 lbs 1½-in same;
- (7b) 1,000 lbs same;
- (7c) 1,000 lbs same;
- (7d) 1,000 lbs same;
- (8a) 600,000 lbs 1¼-in same;
- (8b) 1,000 lbs same;
- (8c) 1,000 lbs same;
- (8d) 1,000 lbs same.

La Clede Steel Co. (telegraphic bid) —(1a) \$.01955, (2a) \$.01855, (3a) to (8a) \$.01755, (1b) \$.019675, (2b) \$.018-675, (3b) to (8b) \$.017675, (1c) \$.0196, (2c) \$.01886 (obviously an error and should read \$.0186, (3c) to (8c) \$.0176 (obviously an error and should read \$.0176, (1d) \$.0203, (2d) \$.0193, (3d) to (8d) \$.0183; disc ½ of 1% 20 da; f.o.b. Madison, Ill.

Youngstown Sheet & Tube Co. (telegraphic bid)—(1a) to (8a) \$.02925 lbs ¾-in, \$.02825; ¾-in to 1¼-in, \$.02725; f.o.b. Minerva St.; (1b) to (8b), ½-in, \$.029375; ¾-in, \$.028375; ¾-in to 1¼-in, \$.027375; f.o.b. West Glendale, (1c) to (8c), ½-in, \$.0293; ¾-in, \$.0283; ¾-in to 1¼-in, \$.0273; f.o.b. Compton, (1d) to (8d), ½-in, \$.03; ¾-in, \$.029; ¾-in to 1¼-in, \$.028; f.o.b. North Hollywood; disc ½ of 1% on basic point value; shipped from Indiana Harbor; if shipped on government bill of lading allow freight and equalize.

Sheffield Steel Corp., Kansas City —(1a), (1b), (1c) and (1d), \$.029; (2a), (2b), (2c) and (2d), \$.028; balance of items, \$.027; deliv to job; disc ½ of 1% 10 da on basing point value, which is same as deliv price; if shipped on govt bill of lading from Kansas City allow freight and equalize up to \$.10 cwt

Soule Steel Co.—\$223,892.30 deliv to job; disc ½ of 1% on basing point value of \$2.55 cwt; if shipped on govt bill of lading from Vernon (39 cars), Torrance (39 cars) and Emeryville (26 cars) will equalize.

Truscon Steel Co.—\$232,277.30 deliv to job; disc ½ of 1% on net amount after deducting as follows: Minerva St, \$.025; Compton, \$.03; West Glendale, \$.0375; North Hollywood, \$.10.

Blue Diamond Corp. — \$232,387.05; deliv to job; disc ½ of 1% 20 da.

Ceco Steel Prod.—\$240,179.50; f.o.b. plant; 53 cars at Huntington Park and 52 cars at Torrance; disc ½ of 1% 20 da.

BIDS OPENED

LOS ANGELES, Cal.—Listenwater & Gough, 827 E. 1st St., Los Angeles, at \$1,065 ft., total \$26,625 (bidding on cable manufactured by Triangle Conduit and Cable Co.), submitted low bid to Metropolitan Water District, Los Angeles, for 25,000 ft. 3-conductor 2/0 armored cable for 2300-volt service, Spec. 262. Other bids were: Associated Wholesale Elec. Co., Los Angeles—\$1,075 ft.; total \$26,875; disc. ½ of 1% (mfd by Crescent Ins. Wire & Cable Co.).

Circle Wire & Cable Corp., Brooklyn, N. Y.—\$1,095 ft.; total \$27,375; disc. ½ of 1%.

Eleven identical bids were submitted at \$1,276 ft.; total \$31,900; disc. ½ of 1%, by Anaconda Wire & Cable Co.; Cook-Nichols Co., Pasadena (mfd by Rockings); General Cable Corp., Los Angeles; Graham-Reynolds Elec. Co., Los Angeles, mfd by General Cable), L. A. Marsh, Long Beach (mfd by Hazard); Columbia Steel Co., Los Angeles (mfd by Am. Steel & Wire Co.); G. E. Supply Corp., Los Angeles; Electric Wholesale Mart, Los Angeles (mfd by Rockings); Habirshaw Cable & Wire Division of Phelps-Dodge Copper Prod., Los Angeles; John A. Rockings Sons of Calif., Los Angeles; General Elec. Co., Los Angeles; and Okonite Co., Hazard Insulated Wire Works Div., Passaic, N. J.

All bids \$80 for reels; weight 6.47 lbs. per ft., and 2.181 in O D except Circle Wire & Cable Corp.—weight 6.6 lbs. 20

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the Metropolitan Water District, under Spec. 260, for transporting cement required for use in construction of portions of San Jacinto Tunnel and appurtenant work for which concrete is supplied from the district's west portal batching plant.

Bids were taken as follows: Sched. No. 1: Transporting approx. 37,000 bbbs. from Colton and Crestmore to batching plant at West Portal up to June 30, 1938.

Sched. No. 2: Alternate to Sched. No. 1: Transporting approx. 55,000 bbbs. from San Jacinto station to the batching plant up to Dec. 31, 1938.

The bids were: White Transportation Co., 3430 E. Slauson Ave., Maywood: Sch. 1 (1) 22-5c (2) 22-5c; total \$8325. Truck and trailer. Net capacity of trucks, 15,040 lbs.; net capacity of trailers, 22,560 lbs. Sch. 2, no bid.

J. W. Johnson, 113 S Robertson Blvd., Los Angeles: Sch. 1 (1) 27¼c; (2) 27¼c; total, \$10,082.50. Transportation by rail and truck. Minimum carload, 100,000 lbs.; net capacity of trucks, 22,000 lbs.; net capacity of trailer, 40,000 lbs. Sch. 2 (3) 24.75c; total, \$8112.50; net capacity of trucks 22,000 lbs.

Triangle Rock & Gravel Co., San Bernardino: Sch. 1 (1) 27c (2) 28c; (1) \$10.175. Transportation by trucks. Minimum carload, 24,000 lbs.; net capacity of trucks, 10,000 to 24,000 lbs.; net capacity of trailer, 10,000 to 24,000 lbs. Sch. 2 (3) 16c; total, \$8,800. Net capacity trucks 10,000 to 24,000 lbs.; net capacity of trailers, 10,000 to 24,000 lbs.

Belyea Truck Co., Los Angeles: Sch. 1 (1) 33¼c; (2) 33¼c; total, \$12,395. By truck only. Net capacity of trucks, 80 bbbs; trailers, 80 bbbs. Sch. 2, no bid.

The bid of I. L. Russell was declared irregular and was not read.

BIDS WANTED

BOULDER CANYON PROJ.—Until January 3, 2 P. M., bids will be received by the Bureau of Reclamation

Denver, under Spec. No. 1006-D, for furnishing approximately 140,000 barrels of modified Portland cement in cloth sacks, 15,000 barrels modified Portland cement in bulk and 750 barrels of modified Portland cement in paper sacks for the All-American Canal, Boulder Canyon Proj., Arizona-California-Nevada; job shipping point.

Plans and specifications may be obtained from the above office.

BIDS WANTED

GILA PROJECT, Ariz.—Until Jan. 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1007-D, for furnishing approximately 50,000 barrels of modified Portland cement in cloth sacks for the Gila Project, Arizona; job shipping point.

Plans and specifications may be obtained from the above office.

BIDS WANTED

KENDRICK PROJ., Wyo.—Until January 4, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1008-D for furnishing approximately 210,000 barrels of modified Portland cement in bulk, for the Seminoe Dam, Kendrick Proj., Wyo.; job shipping point and/or Parco, Wyo.

Plans and specifications may be obtained from the above office.

BIDS WANTED

COLORADO RIVER PROJ., Tex.—Until January 10, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1009-D for furnishing approximately 750,000 barrels of low-heat Portland cement in bulk for the Marshall Ford Dam, Colorado River Project, Texas; job shipping point and/or Rutledge, Texas.

Plans and specifications may be obtained from the above office.

BIDS OPENED

SEATTLE, King Co., Wash.—A. S. Schulman Electric Co., Chicago, at \$23,788, submitted low bid to the City of Seattle, for galvanized steel structure for South Receiving Station.

Complete bids follow:

A. S. Schulman Elec. Co., Chicago.....	\$23,788
Seattle Boiler Works.....	23,852
saacson Iron Works.....	24,513
Pacific Car & Foundry Co.....	25,363
Standard Steel Fabricating Co. & Boiler Works, Inc.....	26,995

BIDS WANTED

SAN FRANCISCO.—Until Jan. 3, 2 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Sale No. 167, for the sale of the following:

- (1) One Type JB-30, 34½ kv., 600 amp. T.P.S.T. automatic circuit breaker, with control, transformers, charging unit, etc., located at the factory of Pac. Elec. Mfg. Co., 5815 Third St., San Francisco.
- (2) Concrete buggies, platform scales, plumbing fixtures, and miscellaneous metal and fittings, located in Recreation Department Corporation Yard, 150 Hampshire St., near York St., San Francisco.

CONTRACT AWARDED

BREMERTON, Wash.—Mild and Structural Steel Co., Chicago, at \$3.60 cwt, fob Cicero; 5% 10 days, was awarded contract by the Supply Officer, Bremerton, for 580,000 pounds of fabricated structural steel consisting of column base plates, trusses, girders, purlins, struts, lintels, framing, bracing, rods and rivets, field rivets for the erection of 420,000 lbs. of fabricated structural steel framing for hangar and shop.

December 28, 1937

BIDS OPENED

GLENDALE, Los Angeles Co., Cal. Following submitted bids to the Glendale City Council for furnishing copper wire:

- The items are:
- (1) 25,000 pounds No. 6 AWG solid stranded;
 - (2) 20,000 lbs. No. 4 AWG do;
 - (3) 20,000 lbs. No. 2 AWG do;
 - (4) 50,000 lbs. No. 2 1/2 AWG 7-strand;
 - (5) 10,000 lbs. No. 4 1/2 AWG 7-strand;
 - (6) 1000 ft. No. 10 solid strand varnished cambric insulated with waterproof cotton braid;
 - (7) 2500 ft. single conductor lead covered cable No. 6 solid strand with varnished cambric insul.;
 - (8) 7500 ft. single conductor lead covered cable No. 4 AWG 7-strand copper with varn. cambric insul.
 - (9) 10,000 ft. 4-conductor No. 6 type "S" unarmored 7-strand, 10-conductor, insul. cable.

P. Diederick, plant superintendent. The bids were:

Maydwell & Hartzell: (1) \$1,172; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735 (6) \$40.50 M ft.; (7) \$106; (8) \$122; (9) \$150; total, \$24,484.50, item 9; 2% 10 days.

Associated Wholesale Electric Co.: (6) \$40.50; (7) \$106; (8) \$122; (9) \$163; total \$2,890.50; 1/2 of 1% 10 days.

Okonite: (6) \$40.50; (7) \$106; (8) \$122; (9) \$167; total, \$2,890.50; 1/2 of 1%; 10 days; item (9) 2% 10 days.

General Electric Co.: (6) \$40.50; (7) \$106; (8) \$122; (9) \$206; total, \$3,280.50; 1/2 of 1% 10 days; item 9, 2% 10 days.

General Electric Supply: (1) \$1,772; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735; (6) \$40.50; (7) \$106; (8) \$122; (9) \$167; total, \$24,654.50; 1/2 of 1% 10 days; item 9, 2% 10 days.

Roebing: (1) \$1,772; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735; (6) \$40.50; (7) \$106; (8) \$122; (9) \$170; total \$24,684.50; 1/2 of 1% 10 days; item 9, 2% 10 days.

Columbia Steel Co.: (1) \$1,772; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735 (6) \$40.50; (7) \$106; (8) \$122; (9) \$159; total, \$24,574; 1 to 5, 1/2 of 1%; 6 to 9 2%, based on 100,000 lb. order.

General Cable Corp.: (1) \$1,772; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735 (6) \$40.50; (7) \$106; (8) \$122; (9) \$158; total, \$24,564.50; 1 to 8 1/2 of 1%; item 9 2%.

Western Electric Supply: (1) \$1,772 (2) \$1,742 (3) \$1,720 (4) \$1,735 (5) \$1,735 (6) \$40.50; (7) \$106; (8) \$122 (9) \$158; total, \$24,564.50; 1 to 8 1/2 of 1%; item 9, 2%.

U. S. Rubber Products: (1) \$1,772; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735; (9) \$165; total, \$23,814; 1/2 of 1%.

Cook-Nichols Co.: (1) \$1,772; (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735; (6) \$40.50; (7) \$106; (8) \$122 (9) \$170; total, \$24,684.50; 1 to 8 1/2 of 1%; item 9, 2% 10 days.

Elec. Wholesale Mart: (1) \$1,709; (2) \$1,679; (3) \$1,657; (4) \$1,672; (5) \$1,672; total, \$20,976.50; 1 to 8, 1/2 of 1%; item 9, 2% 10 days, based on 100,000 lb. order.

A. Bromberg: (1) \$1,660; (2) \$1,640; (3) \$1,650; (4) \$1,630; (5) \$1,630; (6) \$38; (7) \$90.25; (8) \$104.50; total \$21,557.38; 1/2 of 1% 10 days.

Habirshaw Cable & Wire: (1) \$1,772 (2) \$1,742; (3) \$1,720; (4) \$1,735; (5) \$1,735; (6) \$40.50; (7) \$106; (8) \$122; (9) \$158; total, \$24,564.50; 1/2 of 1% 10 days.

Lispenwaiter & Gough: (1) \$1,772; (2) \$1,742; (3) \$1,695; (4) \$1,735; (5) \$1,735; (6) \$39.90; (7) \$92.30; (8) \$106 (9) \$145; total, \$24,225.65; 1/2 of 1% 10 days, based on 30,000 lb. order.

BIDS WANTED
OAKLAND, Cal.—Until January 3, 4:30 p.m., bids will be received by

the City of Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 800 tons crusher run rock.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

OAKLAND, Cal.—L. M. Clough Co., 996 66th Ave., Oakland, at \$1.07 per ton, submitted low bid to the City of Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 10,000 tons crusher run rock.

Daniel Contracting Co., San Francisco, at \$1.10, submitted only other bid. * 20

CONTRACT AWARDED

DENVER, Colo.—Superior Portland Cement Co., Seaboard Bldg., Seattle, at \$89,570.00 was awarded contract by Bureau of Reclamation, Washington, D. C., for furnishing cement for the Yakima Project, Reza Division. * 20

BIDS OPENED

LOS ANGELES, Cal.—The following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Pro. 186, for 45,500 tons of coarse aggregate and 23,625 tons of sand delivered into government batch trucks at contractor's batch plant and/or 35,000 cu. yds. of coarse aggregate and 17,500 cu. yds. of sand delivered into government batching plant or stockpiles located in vicinity of 26th and Soto Sts., Vernon.

The items bid on were:

ALTERNATE NO. 1
(1) 69,125 tons of coarse aggregate and sand, batched for 1/2 of 1 c.y. mixer.

ALTERNATE NO. 2
(1) 21,000 c.y. coarse aggregate 1 1/2 to 3/4-in. size;
(2) 14,000 c.y. coarse aggregate 1-in. to No. 4 mesh size;
(3) 17,500 c.y. sand.

The bids were:
Joint bid of Consolidated Rock Products, John D. Gregg, Owl Truck & Materials Co., Arrow Rock Co., and Manning Bros. Rock & Sand Co., Alt. No. 1 (1) \$1.40, total \$96,775; disc. \$20 ton 25th prox. Alt. No. 2 (1) (2) and (3) \$1.40, total, \$73,500; disc. \$20 yd 25th prox.; batch plant approximately one mile from 26th and Soto Sts.

Commercial Rock Co., Alt. No. 1 (1) \$1.62, total, \$111,982.50; disc. \$20 ton 25th prox. Alt. No. 2 (1) (2) and (3) \$2.13, total \$111,825; disc. \$20 yd. 25th prox.; batch plant, 1/2 mile from 26th and Los Angeles river. Prices via Santa Fe or Southern Pacific Ry. and includes \$.40 ton which will be allowed but not prepaid.

Pacific Rock & Gravel Co., Alt. No. 1 (1) \$1.73, total, \$119,586.25; Alt. No. 2 (1) (2) and (3) \$1.70, total, \$89,250; batch plant approx. 1 mile from 26th and Soto; disc. 2%, 20 days.
Graham Bros., Alt. No. 1 (1) \$1.95; total, \$134,793.95; disc. \$20 ton 25th prox. Alt. No. 2 (1) (2) and (3) \$2.10, total, \$110,250; disc. \$20 yd 25th prox.; batch plant, 26th and Soto. * 20

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing one carload of cement (approx. 160 bbls.) government - tested, conforming to Federal Spec. CS-91-A, fob Tucson, Ariz., and/or bidder's plant.

Baker Thomas Lime & Cement Co., \$552.20; fob Tucson; \$559.00 fob Crestmore, Calif.

J. K. Corbett Lumber and Hardware Co., \$562.20, fob Tucson; \$549.16, fob Monolith, Calif.

J. D. Halstead Lumber Co., \$581.64, fob Colton, Calif.

O'Malley Lumber Co., \$552.00, fob Tucson; \$549.16, fob Monolith, Cal.
Tucson Lumber & Supply Co., \$549.00 fob Monolith, Calif. * 20

BIDS WANTED

OAKLAND, Cal.—Until Jan. 4, 3 p.m., bids will be received by the Purchasing Dept. office of the District, 512 16th St., Oakland, under Proc. No. 962 for the sale of approximately 62 tons of scrap material.

Plans and specifications may be obtained at Room 312, above office.

BIDS REJECTED

MONTEREY PARK, Los Angeles Co., Cal.—The City Council rejected all bids for the furnishing of materials and/or construction of a 100,000-gallon capacity welded steel tank and pressure line, gravity line and booster pumping plant. Bids were opened Dec. 27th. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Bethlehem Steel Co., at \$25,605, awarded contract by U. S. Engineer, Los Angeles, for 450,000 lbs. fabricated steel and metal work for Centinela Ave. bridge over Ballona Creek; Circ. Pro. 174. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 6, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 22,500 sq. ft. expansion joint material, 1/2 inch thick, pre-moulded asphalt; f.o.b. 25th St. and Los Angeles River, Vernon, and/or f.o.b. vendor's plant. Circ. Prop. 195. * 20

CONTRACT AWARDED

DENVER, Colo.—Tennessee Coal, Iron and Railroad Company, Birmingham, Ala., at (1) \$47,672.50 and (2) \$1,776.88 was awarded contract by the Bureau of Reclamation Purchasing Agent, Denver, under Invt. No. A-42-382-A, for furnishing deformed intermediate billet steel reinforcement bars for the All-American Canal (1) delivery Knob, Calif.; (2) delivery, Calexico, Calif. * 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until January 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1002-D, for structural steel for supporting structures for the Metropolitan Water District and the Southern California Edison Company transformer circuits at Boulder switchyard, Boulder Canyon Project, Arizona - California - Nevada. Structures will be erected by the Government; fob shipping point and/or Boulder City, Nev.

Plans and specifications may be obtained at the above office.

CONTRACT AWARDED

LOS ANGELES, Calif.—Wisconsin Bridge & Iron Works at \$16,695 was awarded contract by U. S. Engineer, Los Angeles, for 315,000 lbs. of fabricated steel for Duquesne Ave. bridge over Ballona Creek.2 Circ. Prop. 143.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$250; 270 Mountain Avenue, Piedmont; owner, F. E. Hagelberg, premises; contractor, Hugo Muller, 6329 Contra Costa.

ALTERATIONS, \$500; 919 Magnolia Ave., Piedmont; owner, Lloyd O. Mulford, premises; contractor, E. M. Malot, 269 Scenic Ave.

ROOFING, \$115; 2 Mesa Ave., Piedmont; owner, F. T. Oakley, 2 Mesa Ave.; contractor, S. P. Sorrenson, 5511 Dover St., Oakland.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Perks & Play-grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

LOW BIDDERS

COCONINO CO., Ariz.—Lewis Bros. Contrs., Inc., Phoenix, Ariz., at \$70,309 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for constructing the Wilson Canyon Bridge on Section B, Rt. 7, Oak Creek National Forest Highway, Coconino National Forest, Arizona.

Three low bids follow:

- | | |
|---------------------------------------|--------------|
| Lewis Brothers Contrs., Inc., Phoenix |\$7,309 |
| Lee Moor, El Paso, Texas |78,071 |
| Pearson & Dickeson, Tempe |83,375 |

BIDS WANTED

MERCED COUNTY, Calif.—Until January 19, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of 7 timber bridges on timber pile bents and a corrugated metal pipe culvert at points about ten miles to sixteen miles southeast of Merced.

Work involves:

- (1) 245 c.y. excav.
 - (2) 43,000 lbs. bar reinf. steel;
 - (3) 277 c.y. Class A portland cement concrete;
 - (4) 95 MFBM treated Douglas fir timber;
 - (5) 1,384 l.f. timber curb and railing;
 - (6) 4,440 l.f. furnish treated Douglas fir piles;
 - (7) 148 each driving treated Douglas fir piles;
 - (8) 60 l.f. 60-in. CMP;
 - (9) 14 each clearance markers;
 - (10) 2 each culvert markers;
 - (11) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until January 19, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a reinforced concrete girder bridge across Salsipuedes Creek about one-half mile northeast of Watsonville, consisting of one 40-ft. 0-in. span and two 30-ft. 0-in. spans and grading and surfacing with crusher run base topped with armor coat 0.23 mile of roadway, Santa Cruz County.

Work involves:

- (1) 1 lot clearing;
- (2) 10 M. gals. water;
- (3) 225 c.y. struc. excav.;
- (4) 5,150 c.y. imported borrow;
- (5) 13 sta. finishing rdwy.;
- (6) 760 tons crusher run base;
- (7) 6 tons liquid asph. SC-1A armor coat and penetration oil treatment;

- (8) 6 tons liquid asph. 90-95 armor coat;
- (9) 116 tons screenings armor coat;
- (10) 64,000 lbs. bar reinf. steel;
- (11) 280 c.y. Class A portland cement conc. struc.;
- (12) 12.5 c.y. do cement conc. railing;
- (13) 1350 l.f. furnish cast in place concrete piles;
- (14) 27 each driving steel shells;
- (15) 24 each guide posts;
- (16) 0.5 mile new property fence;
- (17) 12 each monuments;
- (18) removing and disposing of existing bridge and bulkhead;
- (19) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SEATTLE, Wash.—Until Jan. 11, 2 P. M., bids will be received by the U. S. Engineer Office, 754 Central Bldg., Seattle, for dredging about 326,000 c.y. of material from Everett Harbor, Wash.

Plans and specifications may be obtained from the above office. 22

BIDS OPENED

HONOLULU, T. H.—Geo. Hess P. O. Box 260, Honolulu, at \$19,732 submitted low bid to the Board of Harbor Commissioners, Louis S. Cain, Chairman, Honolulu, for the construction of the Lahaina Seawall, Honolulu.

Complete bids follow:

- | | |
|------------------------------------|---------------|
| Geo. Hess, P. O. Box 260, Honolulu |\$19,732 |
| Geo. Yamayoshi |20,213 |
| J. W. Glover |20,540 |

BIDS OPENED

HONOLULU, T. H.—The Hawaiian Dredging Co., Ltd., at \$164,762.50 submitted only bid to the Board of Harbor Commissioners, Louis S. Cain, Chairman, Honolulu, for dredging Port Allen.

23— CANALS

BIDS WANTED

GILA PROJ., Ariz.—Until Jan. 10, 10 A. M. (date postponed from Jan. 4) bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 740, for the construction of the Gila River crossing, Station 752+50 to Station 795+00, Gravity Main Canal, Gila Proj., Arizona.

Work involves:

- (1) 5,300 c.y. excav., common, for

- structure, except siphon barrel;
- (2) 650 c.y. excav., rock, for structure except siphon barrel;
- (3) 137,000 c.y. excav., common, for siphon barrel;
- (4) 100 c.y. excav., rock, for siphon barrel;
- (5) 40,000 c.y. excav., common, for canal;
- (6) 100 c.y. excav., rock, for canal;
- (7) 100,000 sta. c.y. overhaul;
- (8) 105,000 c.y. compacted embankment;
- (9) 19,400 c.y. compacted lining;
- (10) 25,100 c.y. riprap on outside slopes of embankments;
- (11) 43,900 c.y. rock fill about siphon barrel;
- (12) 30,000 c.y. backfill about structure except over siphon barrel;
- (13) 62,500 c.y. backfill over siphon barrel;
- (14) 2,700 c.y. compacted backfill;
- (15) 1,170 c.y. concrete in structure except siphon barrel;
- (16) 10,430 c.y. concrete in siphon barrel;
- (17) 2,448,000 lbs. placing reinf. bars;
- (18) 150 l.f. installing rubber water stops;
- (19) 220 sq. ft. installing elastic joint-filler material;
- (20) 1,765,500 lbs. driving steel sheet piling;
- (21) 2.4 MFBM constructing timber railings;
- (22) 850 lbs. installing pipe hand-rails;
- (23) 56,000 lbs. installing fixed-wheel gate, gate frame, gate and counterweight guides, and counterweight hangers;
- (24) 18,000 lbs. installing fixed-wheel gate hoist and operating mechanism;
- (25) 13,500 lbs. installing misc. metal-work;
- (26) 275 l.f. installing electrical metal conduits;
- (27) 50 lbs. installing electrical conductors.

Plans and specifications may be obtained from the above office. * 23

CONTRACT AWARDED

ALL-AMERICAN CANAL.—Norman I. Fadel, 445 N. Formosa Ave., Los Angeles, at \$66,541, awarded contract by the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., for the construction of the Siphon Drop turnout, Station 775+00, and Drainage inlets, Stations 225+25, 281+95, 295+75, and 321+30, All-American Canal, Boulder Canyon Project, Arizona-California-Nevada. * 23

25— MACHINERY AND EQUIPMENT

BIDS WANTED

GOLDENDALE, Kileckit Co., Wn.—Until Jan. 7, 10 a.m., bids will be received by the Kileckit County Clerk, for one double drum belt driven hoist.

Plans and specifications may be obtained from August Hansen, Co. Engr. * 25

CONTRACTS AWARDED

BOULDER CANYON PROJ.—I T E Circuit Breaker Co., Philadelphia, at \$79,597 has been awarded contract by Bureau of Reclamation, Washington, D. C., under Spec. No. 750, for item No. 1—two 23,000-volt bus structures and two 138,000-volt disconnecting switches; Bowie Switch Co., San Francisco, at \$2417.92, awarded con-

Capital City Title Company

•

JAMES E. BANCROFT
Manager

•

801 J Street
Sacramento : California

tract for item No. 2.—transformer neutral bus structures; for installation in Boulder power plant, Boulder Canyon Project. * 25

BIDS OPENED

BISHOP, Inyo Co., Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 32317, Req. No. 2723, for furnishing two 8-foot pneumatic-tired leaming wheel graders; f.o.b. Bishop, Cal.

Shepherd Tractor & Equipment Co., Los Angeles—\$1978.80; disc. \$25 30 days.

Crook Company, Los Angeles—\$2,155; 2% 30 days.

Smith Booth Usher Co., Los Angeles—\$2251; 2% 30 days.

J. D. Adams Co., San Francisco—\$2346.80; 2% 30 days.

Knox Hale Machinery Co., San Francisco—\$2362; 2% 30 days. * 25

BIDS OPENED

SAN MATEO AND SANTA CRUZ COS., Cal.—Following submitted bids to the Dept. of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 2000 hours of four pneumatic-tired 'dump trucks with body capacity not less than 4 c.y., chassis not less than 6,000 lbs., for use in San Mateo and Santa Cruz Counties, Cal.

Bids were taken on: (1) Hand loading; (2) Bunker loading; (3) Power loading.

Total bids follow:

Chas. W. Beguhl, Millbrae—(1) \$2.65; (2) \$2.90; (3) \$3.15.

Volpa Bros., Fresno—(1) \$2.65; (2) \$2.90; (3) \$3.15.

C. V. Clark, Jr., North Hollywood—(1) \$2.60; (2) \$2.85; (3) \$3.10.

Hook & Gravel Trucking Co., Oakland—(1) \$2.35; (2) \$2.85; (3) \$2.85.

McReynolds Trucking Co., Oakland—(1) \$2.65; (2) \$2.90; (3) \$3.15.

A. Valson & W. Del Gardo, Oakland—(1) \$2.65; (2) \$2.90; (3) \$3.15.

F. N. Branern, Oakland—(1) \$2.65; (2) \$2.90; (3) \$3.15.

N. Giorgi & A. Elin, San Francisco—(1) \$2.95; (2) \$2.75; (3) \$3.00.

W. C. Railing, Menlo Park—(1) \$2.65; (2) \$2.90; (3) \$3.15.

K. I. Dowdy & T. O'Brien, San Francisco—(1) \$2.65; (2) \$2.90; (3) \$3.15.

W. L. Morgan, Pasadena—(1) \$2.60; (2) \$2.75; (3) \$2.90.

H. Simon, San Francisco—(1) \$2.65; (2) \$2.95; (3) \$3.15. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—West Slope Constr. Co., Box 146, Azusa, awarded contract by U. S. Engineer, Los Angeles, for rental of misc. construction equipment for 12 months, for use at Hansen retarding basin; Circ. Pro. 55. The items included in the award are: 21 only, 24-c.y. dump trucks; 12 only, 6-c.y. dump trucks; 5 Caterpillar tractors; 2 Bucyrus-Erie shovels; one 50-passenger bus, and two road patrol graders. Bids were opened Oct. 5 at which time West Slope Constr. Co. made a lump sum bid on all equipment asked for in the specifications at \$307,000; 1st month, \$65,000; 11 succeeding months, \$22,000.

BIDS OPENED

OAKLAND, Calif.—The following submitted bids to the City of Oakland Port Commission, foot of Grove St., Oakland, for furnishing one 10-ton used road roller:

Eaton & Smith, S. F. \$ 900.00

San Bates Co., Oakland 1500.00

A. Soda & Son, Oakland 2250.00

Edward R. Bacon Co., San Francisco, submitted a bid of \$1395.00, and also an alternate bid at \$1095.00.

BIDS OPENED

SAN FRANCISCO. — T. O'Brien, San Francisco, at \$590 per hour, net, submitted low bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, under Bid No. 4766 for the rental of one crawler-type tractor not less than 45-h.p. and equipped with carry-all not less than 6-c.y. capacity, for use near El Cerrito, Contra Costa County.

Complete bids follow:

	Per hr., net
T. O'Brien, San Francisco.....	\$5.90
Eaton & Smith, San Francisco.....	6.25
A. Soda & Son, Oakland.....	6.50
R. A. Farish, San Francisco.....	7.00
W. A. Trimble.....	7.00
Guerin Brothers.....	9.00

BIDS WANTED

RIO GRANDE PROJ., New Mexico-Texas.—Until January 12, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1010-D, for furnishing one ditch-cleaning and excavating machine of the crawler traction and endless-chain, bucket-digging-unit type, to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Rio Grande Project, New Mexico-Texas; job shipping point and/or Las Cruces, N. M.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN FRANCISCO—Machinery and Drill Steel Co., Inc., 1162 Bryant St., at \$423.00 net, submitted low bid to U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., under Bid No. 4767, for the rental of one portable air compressor equipped with jack-hammers, couplings, hose; job District Agricultural Association Park Area, Geneva Ave. and Rio Verde St., San Francisco.

Complete bids follow:

Machinery and Drill Steel Co., Inc., San Francisco.....(net).	\$423.00
Western Machinery Co.....	436.75
W. H. Cowen.....	458.00
Leitch & Company.....	500.00
Edward R. Bacon Co.....	550.00

BIDS OPENED

SAN DIEGO, Cal.—Bids for 6 gasoline engine-driven industrial trucks for San Diego, opened by Bureau of Supplies & Accounts, Navy Department, Washington, D. C., Dec. 17, were:

Clark Tractor, Battle Creek, Mich.—\$1740.25; disc 2%.

DeHuff & Hopkins, Philadelphia—\$1192; disc ½ of 1%.

W. F. Hebard & Co., Chicago—\$1575; disc 1%.

H-H Manufacturers, Long Beach—\$985; disc 1%.

Superior Grinding & Motor Parts Co., San Francisco—\$1080; disc 1%. * 25

December 27, 1937

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 10 2 P. M., bids will be received by the Metropolitan Water District, Los Angeles, for capacitors, lightning arresters, potential transformers and current transformers for use at Colorado River Aqueduct pumping plants, Spec. 263. Certified or cashier's check for 10% must accompany bid. The items to be bid upon are:

SCHEDULE NO. 1

(1) 15 only 6900 volt single-pole capacitors.

SCHEDULE NO. 2

(2) 6 only 69 kv single-pole, station-type lightning arresters;

(3) 15 only 6900 volt, single-type do.

SCHEDULE NO. 3

(4) 15 only 6900/115 volt, 200 volt amp, oil-filled potential transformers;

(5) 25 only 6900/115 volt, 200. v. do;

(6) 30 only 6900/115-volt do;

SCH. No. 4—For Intake Pump Plant

(7) 9 only 15 kv 800 amp, 600 to 1 ratio and 160 to 1 ratio, double-secondary, indoor type current transformers;

(8) 3 only 15 kv 100 amp, do;

(9) 9 only 7.5 kv 400 amp, 80 to 1 ratio indoor type current transformers;

(10) 2 only 15 kv 3000 amp, 800 to 1 do

(11) 6 only 15 kv 200 amp 200 to 1 do;

SCHED. No. 5—For Gene Pump Plant

(12) 9 only 15 kv 800 amp 1 to 1 ratio and 160 to 1 ratio double-secondary indoor type current transformers;

(13) 3 only 15 kv 100 amp, do;

(14) 9 only 7.5 kv 400 amp 80 to 1 ratio indoor type current transformers;

(15) 2 only 15 kv 3000 amp 800 to 1 do

(16) 4 only 15 kv 200 amp 40 to 1 ratio outdoor type current transformers;

(17) 4 only 15 kv 800 amp 160 to 1 do;

(18) 6 only 15 kv 800 amp, 200 to 1 ratio indoor type current transformers.

SCHED. No. 6—For Iron Mt. Pumping Plant

(19) 9 only 15 kv 400 amp 400 to 1 ratio and 80 to 1 ratio double secondary indoor type current transformers;

(20) 3 only 15 kv 100 amp, 400 to 1 ratio and 160 to 1 do;

(21) 9 only 7.5 kv 200 amp, 40 to 1 ratio indoor type current transformers.

(22) 3 only 15 kv 1500 amp 400 to 1 do

(23) 3 only 15 kv 300 amp 300 to 1 do;

(24) 4 only 15 kv 40 amp 8 to 1 ratio outdoor type current transformers;

(25) 6 only 15 kv 400 amp 100 to 1 ratio indoor type current transformers;

SCHED. No. 7—For Eagle Mt. Pumping Plant

(26) 9 only 15 kv 1000 amp 800 to 1 ratio and 200 to 1 ratio double-secondary indoor type current transformers;

(27) 3 only 15 kv 100 amp 800 to 1 ratio and 160 to 1 ratio double-secondary indoor type current transformers;

(28) 9 only 7.5 kv 500 amp 100 to 1 ratio indoor type current transformers;

(29) 2 only 15 kv 4000 amp 1000 to 1 do;

(30) 3 only 15 kv 4000 amp 800 to 1 do;

(31) 4 only 15 kv 100 amp 20 to 1 ratio outdoor type current transformers;

(32) 6 only 15 kv 1000 amp 300 to 1 ratio indoor type current transformers;

SCH. No. 8—Hayfield Pumping Plant

(33) 9 only 15 kv 1000 amp 800 to 1 ratio and 200 to 1 ratio double-secondary indoor type current transformers;

(34) 3 only 15 kv 100 amp 800 to 1 ratio and 160 to 1 ratio do;

(35) 9 only 7.5 kv 500 amp 100 to 1 ratio indoor type current transformers;

(36) 2 only 15 kv 4000 amp 1000 to 1 do;

(37) 3 only 15 kv 4000 amp 800 to 1 ratio indoor type current transformers;

(38) 3 only 15 kv 100 amp 20 to 1 ratio outdoor type current transformers;

(39) 9 only 15 kv 1000 amp 300 to 1 ratio indoor type current transformers.

CONTRACT AWARDED

OAKLAND, Calif.—Arth & Rowan, 255 16th St., Richmond, at \$859.00 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 952, for furnishing one 1938 Dodge touring sedan. 25

BIDS OPENED

MONO CO., Cal.—Basch Bros., Torrance, Cal., at (1) \$7.50; (2) \$3.00, and (3) \$150, submitted only bid to the State Division of Highways, Department of Public Works, District Engineer, Bishop, for the rental of one 3/4-c.y. power shovel for use in Mono County.

- Bids were received on:
 (1) Hourly operating rental rate;
 (2) Hourly idle time rental rate;
 (3) Transportation, lump sum. * 25

BIDS WANTED

SAN MATEO AND SANTA CRUZ COS., Cal.—Until Dec. 29, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 2000 hours of four pneumatic-tired dump trucks with body capacity not less than 4 c.y., chassis not less than 6,000 lbs., for use in San Mateo and Santa Cruz Counties, Cal.

BIDS OPENED

MONTEREY CO., Calif.—Following submitted bids to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of two 3 1/2-c.y. dump trucks, for use on the Roosevelt Highway, Monterey County.

Complete bids follow:
 Paul F. Cozzens, Salinas, \$2.47 per hour.

M. E. Hartment Tr. Cont., Anaheim, \$2.53.

C. V. Clark, Jr., North Hollywood, \$2.78.

Longwell Truck Service, San Francisco, \$2.79.

McReynolds Truck Co., Oakland, \$2.90.

Following submitted irregular bids:
 A. V. Lively, Ventura; Ralph C. Perl, Pasadena; Rock & Gravel Truck Co., Oakland; W. L. Morgan, Pasadena; C. E. Huls, Merced, and L. E. Sprague, Long Beach. * 25

BIDS WANTED

DENVER, Colo.—Until January 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Col., under Spec. No. 1011-D, for furnishing (1) two 9-ft. by 8-ft. 6-in. radial gates and two 3600-lb. capacity, double - thread worm, radial - gate hoists for North Cottonwood wastewater and (2) one 14-ft. by 9-ft. radial gate and one 5700-lb. capacity double-thread worm, radial gate hoists for North Cottonwood siphon, Heart Mountain Canal, Shoshone Project, Wyo.; and (3) one 8-ft. by 5-ft. 9-in. radial gate and one 1500-lb. capacity, single - thread worm, double-drum, radial-gate hoists for Pilot Canal, Rivotron Project, Wyo.; and (4) one 14-ft. by 12-ft. radial gate and one 7500-lb. capacity, single-thread worm, double-drum radial-gate hoists for the check at station 476 plus 53.60, (5) and two 10-ft. by 8-ft. radial gates and two 2300-lb. capacity double-thread worm, double-drum, radial-gate hoists for Graveyard Gulch division structure at station 1450 plus 61.96, Boise Ida. The gates and hoists will be installed by the Government, fob shipping point and/or railroad destination of the bidder. * 25

BIDS OPENED

INYO CO., Cal. — Following submitted bids to the State Division of Highways, Department of Public Works, District Engineer, Bishop, for the rental of two 4-c.y. pneumatic-tired dump trucks of standard makes for use in Inyo County.

- Bids were taken on:
 (1) Truck No. 1, hourly rental rate;
 (2) Truck No. 1, hourly idle time rate;
 (3) Truck No. 2, hourly rental rate;
 (4) Truck No. 2, hourly idle time rate;
 (5) Transportation, Trucks Nos. 1 & 2, lump sum.

Complete bids follow:
 J. W. Bertram, Bishop—(1) \$2.60; (3) \$2.60.
 Geo. S. Schleicher, Bishop — (1) \$2.60; (2) \$1.00; (3) \$2.60; (4) \$1.00.
 J. Starckenburg, Los Angeles—(1) \$2.60; (3) \$2.60.
 A. Bussey, Riverside—(1) \$2.55; (2) \$0.50; (3) \$2.55; (4) \$0.50; (5) \$25.00.

G. R. Starckenburg, Los Angeles—(1) \$2.60; (2) \$0.60; (3) \$2.60; (4) \$0.60.
 Ralph C. Pearl, Pasadena — (1) \$2.34; (2) \$1.00; (3) \$2.34; (4) \$1.00; (5) \$8.00.

Chas. Burnside, Glendale—(1) \$2.35; (2) \$0.75; (3) \$2.35; (4) \$0.75; (5) \$40.00.

W. L. Moran, Pasadena—(1) \$2.90; (2) \$0.50; (3) \$2.90; (4) \$0.50.
 Longwell Truck Service, San Francisco—(1) \$2.60; (2) \$1.00; (3) \$2.60; (4) \$1.00; (5) \$25.00.

Lamar Dump Truck Service, Pasadena—(1) \$2.90; (2) \$0.75; (3) \$2.90; (4) \$0.75.

Henson & Jones, Pasadena — (1) \$2.90; (2) \$0.75; (3) \$2.90; (4) \$0.75.
 Robert E. Griffith, Los Angeles—(1) \$2.59; (2) \$0.45; (3) \$2.59; (4) \$0.45. * 25

PREPARING PLANS

HANFORD, Kings Co., Cal.—Plans and specifications for a new head-gate to replace an old gate destroyed by the recent flood on the Kings River are being prepared by the Last Chance Ditch Co. The proposed gate, which will be located 150 feet north of the site of the old one, will be of concrete construction and cost \$25,000. * 25

29—STREETS AND HIGHWAYS

BIDS WANTED

VENTURA CO., Cal.—As previously reported until Jan. 20, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete 0.7 mile at Big Sycamore Creek, Ventura Co.

- Work involves:
 (1) 38 sta. clear and grub right of way;
 (2) 900 M. gals. water;
 (3) 1,200 c.y. remove concrete;
 (4) 45,000 c.y. rdwy. excav. unclass.;
 (5) 75 c.y. ditch and channel excav.;
 (6) 94,000 sta. yds. overhaul;
 (7) 65 c.y. struc. excav.;
 (8) 17,700 sq. yds. prepare subgrade;
 (9) 38 sta. finishing rdwy.;
 (10) 12 tons liquid asph., SC-2 prime coat;
 (11) 60 tons liquid asph. ROMC-4 or ROMC-5, plant mix surf.;
 (12) 1,150 tons mineral agg. plant-mix surf.;
 (13) 55 tons liquid asph., SC-2 should-ers;
 (14) 6,650 sq. yds. preparing, mixing and shaping shoulders;
 (15) 3,560 c.y. Class A Portland cement concrete pavement;
 (16) 7,200 each pavement dowels;

- (17) 13,500 lbs. bar reinf. steel;
 (18) 4 c.y. Class A Portland cement concrete struc.;
 (19) 850 c.y. rubble masonry;
 (20) 70 l.f. 8-in. CMP;
 (21) 30 l.f. 18-in. reinf. conc. pipe;
 (22) 140 l.f. 24-in. reinf. conc. pipe;
 (23) 20 l.f. of existing CMP remove, clean and relay;
 (24) 4 each spillway assemblies;
 (25) 6 each culvert markers.
 Plans and specifications may be obtained from the above office.
 County previously reported incorrectly. * 29

CONTRACT AWARDED

SAN LUIS OBISPO, Calif. — L. A. Brisco, P. O. Box 656, Arroyo Grande, at \$8,483.00, was awarded contract by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for grading and surfacing with plant-mixed surfacing and crusher-run base and extending reinforced concrete culverts on about 0.2 mile at Harmony Creek and Pennington Creek, San Luis Obispo County. * 29

LOW BIDDERS

PERSHING CO., Nev.—Utah Construction Co., Ogden, at \$16,808.37, submitted low bid to the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 2.04 mi. of highway from the north city limits of Lovelock to a point approximately two miles north, Pershing County, Nevada.

Three low bids follow:
 Utah Constr. Co., Ogden.....\$16,808.37
 Silver State Constr. Co.,
 Inc., Fallon..... 16,981.35
 Construction Finance Co.,
 Reno..... 18,328.58
 * 29

CONTRACT AWARDED

SAN FRANCISCO. — The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$14,310.50, awarded contract by the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19083, for construction of concrete parking lanes on the north side of Market Street, between Grant Avenue and Leavenworth Street, and on the south side, between Sixth and Seventh Streets. Estimated cost, \$15,820. * 29

AWARD RECOMMENDED

SEQUOIA NATIONAL PARK, Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at \$0.0475 per gal., awarded contract pending approval of the Director, by the Superintendent, Sequoia National Park, for delivering and spreading 250,000 gals. SC No. 2 Road Oil in Death Valley National Monument from Eureka's Wells to Grapevine Canyon, a length of 2 1/2 miles, and to dead haul from Death Valley Junction, length of 57 miles. * 29

CONTRACT AWARDED

PIERCE COUNTY, Wash.—N. C. Jansson Drilling Co., 9107 E. Marginal Way, Seattle, at \$18,000 was awarded contract by the Washington State Highway Department, Lacey V. Murrows, Director of Highways, Olympia, Wash., for drilling four test holes in the bottom of the channel of that portion of Puget Sound known as The Narrows at the site of the proposed Narrows Bridge in the vicinity of the City of Tacoma, Pierce County, Wash. * 29

CONTRACT AWARDED

OAKLAND, Cal.—Independent Construction Co., Ltd., 46th Ave. and Clement St., Oakland, at (1) \$0c, (2) \$18.50, and (3) \$4.15, awarded con-

tract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for repairing portions of San Pablo Avenue, Oakland.

Bids were taken on:

- (1) Existing concrete, per sq. yd.;
- (2) Base repairs in place, per c. y.;
- (3) Asphalt concrete in place, per ton. * 29

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$55,691.30, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 1652 for the improvement of Laguna Honda Boulevard (7th Avenue), from Layton Street to Plaza. Estimated cost, \$64,000. * 29

BIDS WANTED

STATE OF OREGON.—Until Jan. 6, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, Public Service Building, Portland, for bridge and highway construction as follows:

BAKER COUNTY: Gibbs Ranch-Baker Section of Baker-Union Highway. State Project; 4.13 miles gravel surfacing. Requires approx. 8,400 c. y. pit-run gravel and 4,200 c. y. screened gravel. This project may be bid in combination with North Unit, Missouri Flat Project in Baker County.

BAKER COUNTY: North Unit, Missouri Flat Sec. of Medical Springs Secondary Highway. State project; 3.2 miles gravel surfacing. Requires approx. 9,000 c. y. pit-run gravel. This project may be bid in combination with Gibbs Ranch-Baker Project in Baker County.

CLACKAMAS, Hood River & Wasco Counties: Mt. Hood Rock Production Project on Mt. Hood and Wapinitia Highways. State project. Furnish 12,400 c. y. crushed rock in stock piles.

WILLIAM COUNTY: Shudler Flat-Condor Section of John Day Highway. State project. Furnish 6,000 c. y. crushed rock in stock piles.

LANE COUNTY: Ros Station-Arward Sec. of Pacific Highway. Federal Aid Project No. 262-A; 2.0 miles Portland cement concrete pavement. Requires approximately 1,650 cu. yds. pit-run gravel base; 3,400 cu. yds. crushed gravel, and 25,500 sq. yds. of Portland cement concrete pavement.

UNION COUNTY: Forest Boundary-Elgin Section of Weston-Elgin Secondary Highway. State Project; 3.22 miles grading, surfacing and oiling; also furnishing 1,500 c. y. crushed rock in stock piles. Requires approximately 49,000 c. y. excavation; 9,000 c. y. selected roadbed topping; 5,600 c. y. crushed rock, and 37,800 sq. yds. oil mat surface treatment.

WHEELER COUNTY: Butte Creek Section of John Day Highway. Federal Aid Project No. 4; 2.75 miles of grading, surfacing and oiling; also furnishing of 1,000 c. y. crushed rock in stock piles. Requires approx. 46,000 c. y. excavation; 12,000 c. y. selected roadbed topping; 2,000 c. y. salvaged surfacing materials; 3,000 c. y. crushed rock, and 32,300 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained at the office of the State Highway Commission, Rm. 322, State Office Bldg., Salem, Oregon, upon deposit of \$5.00. * 29

December 27, 1937

BIDS WANTED

PHOENIX, Ariz.—Until Jan. 4, 10 A. M., bids will be received by the Phoenix City Commission for improvement of 3rd S. and Alvarado Road; Resolution of Intention No. 6534. The work involves:

- (1) 3,795 sq. yds. 3-in. plant mix oil process pave. (track area);

- (2) 3,795 sq. yds. agg. base course under oil process pave. track area);
- (3) 3,795 sq. yds. grading under oil process pave. (track area);
- (4) 7,050 sq. yds. 3-in. plant mix oil process pave;
- (5) 7,050 sq. yds. 6-in. agg. base course under oil process pave.;
- (6) 7,050 sq. yds. grading under oil process pave.;
- (7) 135 sq. yds. 7-in. cement conc. pavement;
- (8) 135 sq. yds. grading under 6-in. concrete pave.;
- (9) 3,500 sq. yds. parkway grading;
- (10) 3,920 lf. comb. curb and gutter;
- (11) 420 lf. single gutter;
- (12) 25 lf. single curb;
- (13) 40 lf. valley gutter;
- (14) 17 lf. 15-in. plain conc. pipe;
- (15) 31 lf. 15-in. concrete pipe;
- (16) 1 each monument cover;
- (17) 2 each headwalls;
- (18) 4 each adjusting covers;
- (19) 3 each adjusting water valve boxes. * 29

CONTRACT AWARDED

CLARK CO., Nev.—J. A. Casson, 319 Warren St., Hayward, Calif., at \$69,621.37, awarded contract by the Directors of the Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a concrete and steel underpass and approaches on the State Highway 3 miles northeast of Jean, Rt. No. 6, Section B, Clark Co., Nev. * 29

LOW BIDDERS

LYON CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, Nevada, at \$59,967.64, submitted low bid to the Directors of the Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 4.10 mi. of highway from 8.5 mi. north of Wabuska to Weeks, Route 2B, Section B, Lyon Co., Nevada.

The low bids follow:
Nevada Rock & Sand Co., Inc., Reno \$59,967.64
Silver State Constr. Co., Inc., Fallon 65,015.80
Dodge Construction, Inc., Fallon 67,422.09 * 29

BIDS WANTED

STATE OF OREGON.—Until Jan. 7, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, Public Service Building, Portland, Ore., for bridge and highway construction, as follows:

Baker County: Baker-Durkee Section of Old Oregon Trail. State project. Furnish 5,000 cu. yds. crushed rock in stock piles.

Columbia County: Mile Bridge Section of Nehalem Secondary Highway. National Recovery Highway Project No. NRS 213-H (1935); 0.20 mi. grading, surfacing and oiling, and 210 ft. timber, steel and concrete bridge. Requires approximately 6,600 cu. yds. excavation; 2,400 cu. yds. surfacing materials; 3,900 sq. yds. oil mat surface treatment; 305 cu. yds. concrete; 42,000 lbs. metal reinforcement; 198,000 lbs. structural steel; 900 lin. ft. treated piling; 22 MFMB treated lumber, and 440 lin. ft. metal hand-rail.

Hood River and Wasco Counties: Hood River Rock Production Project on Columbia River and Mt. Hood Highways. State project. Furnish 8,300 cu. yds. crushed rock. This project may be bid in combination with Dillon-John Day River Project in Sherman and Wasco Counties.

Jackson County: Bear Canyon Section of Pacific Highway. Federal Aid Project No. 190-I; 0.73 mi. grading. Requires approximately 200,000 cu. yds. excavation; 270 cu. yds.

concrete; and 45,000 lbs. metal reinforcement.

Linn County: The construction of a steel truss span on concrete piers and a concrete slab span over the Calapooya River at Brownsville. Requires approximately 430 cubic yards excavation; 270 cubic yards concrete; 38,000 lbs. metal reinforcement; 210,000 lbs. structural steel; and 300 lin. feet concrete handrail. The bids for this project will be received for and in behalf of and will be considered by the County Court of Linn County, Oregon.

Sherman and Wasco Counties: Dillon-John Day River Section of Columbia River Highway. State project. Furnish 7,500 cu. yds. crushed rock in stock piles. This project may be bid in combination with Hood River Rock Production Project, Hood River and Wasco Counties.

Umatilla County: Hermiston-Columbia School Section of Hermiston Secondary Highway. Federal Aid Secondary Project No. FAS 4-A; 0.28 mile surfacing and 3.67 miles oiling; also furnishing of 1,200 cu. yds. of crushed rock in stock piles. Requires approximately 600 cu. yds. selected roadbed topping; 1,500 cu. yds. crushed rock; and 29,000 sq. yds. oil mat surface treatment.

Union County: Grande Ronde River-Noyes Ranch Section of Cove Secondary Highway. Federal Aid Secondary Project No. FAS 259-B; 2.66 mi. grading, surfacing and oiling. Requires approximately 12,400 cu. yds. excavation; 1,500 cu. yds. salvaged surfacing materials; 7,200 cu. yds. selected roadbed topping; and 28,500 sq. yds. oil mat surface treatment.

Washington County: West Fork Dairy Creek Section of Nehalem Secondary Highway. State project; 0.11 mile grading and surfacing, and 87 feet of composite pile trestle. Requires approximately 2,555 cu. yds. excavation; 700 cubic yards crushed gravel surfacing materials; driving 20 treated piling; 60 cu. yds. concrete; 12,000 lbs. metal reinforcement; 20 MFMB treated lumber and 190 lin. ft. handrail.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Building, Salem, Oregon, upon deposit of \$5.00. * 29

BIDS WANTED

NAVAJO CO., Ariz.—Until Jan. 7, 10 a. m., bids will be received by the Arizona Highway Commission, Phoenix, for highway construction on the Showlow-Holbrook Highway (F. A. 131-1) (1938), A.F.E. 7702. The work, which is to extend from Holbrook south for a distance of about 11½ mi., consists of grading, draining, aggregate base course and asphalt surf. treatment, and is to be completed on or before Oct. 31, 1938.

The items are:

- (1) 51,100 c. y. roadway excav.;
- (2) 3,000 c. y. slides and overbreak-age;
- (3) 14,700 c. y. excav.;
- (4) 10,200 lf. grader ditches;
- (5) 2,300 c. y. struc. excav.;
- (6) 47,000 sta. yds. overhaul;
- (7) 3,100 c. y. mi. haul;
- (8) 92,400 cu. yd. imported borrow (CIP);
- (9) 59,500 c. y. select material (CIP);
- (10) 20,100 tons aggr. base course (CIP);
- (11) 7400 M. gals. sprinkling;
- (12) 1,800 hrs. rolling;
- (13) 1,268 c. y. class A concrete;
- (14) 136,600 lbs. reinf. steel;
- (15) 1,972 ft. C.M.P. (6 sizes);
- (16) 123,600 lf. line fence;
- (17) 560 lf. road guard;
- (18) 617 tons cutback asphalt (MC-2);
- (19) 730 c. y. blotter material.

Certified check, 5%. Howard S. Reed, State Highway Engineer. * 29

CONTRACT AWARDED

TUOLUMNE AND MARIPOSA COS., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$124,370.10, awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 10,518 m. surfacing on Sections A2, A3 and A4 of Route 3, the Big Oak Flat Road, and a portion of Section A1 of Rt. 4, the Tioga Road, Yosemite National Park, Tuolumne and Mariposa Counties, Cal. * 29

COMPLETE BIDS

PHOENIX, Maricopa Co., Ariz.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$53,905.50 (using Portland cement), and \$51,036.55 (using plant-mix), submitted low bid to the Phoenix City Commission, City Hall, Phoenix, for the improvement of certain portions of Tenth, Eleventh, Twelfth and Diamond Streets in Phoenix, Ariz.

ALTERNATE NO. 1

- (1) 2,245 c.y. oil process pavement 3-in. thick complete in place (track area);
- (2) 2,245 sq. yds. 2-in. aggregate base course under oil process pavement, complete in place (track area);
- (3) 2,245 sq. yds. grading under oil process pavement (track area);
- (4) 24,800 sq. yds. 4.7-in. Portland cement concrete pavement with integral curb & thickened edges, complete in place;
- (5) 24,800 sq. yds. grading under 4.7-in. Portland cement conc. pave.;
- (6) 2,100 sq. yds. Portland cement concrete pave. 6-in. thick, complete in place;
- (7) 2,100 sq. yds. grading under 6-inch concrete pavement;
- (8) 9,400 sq. yds. parkway grading;
- (9) 39,000 sq. ft. Portland cement concrete sidewalk 4-in. thick, complete in place;
- (10) 65 lf. combined curb and gutter Detail E-1 complete in place
- (11) 185 lf. 8-in. plain concrete pipe complete in place;
- (12) 43 lf. 8-in. concrete pipe Detail X complete in place;
- (13) 10 each adjusting valve boxes, complete in place;
- (14) 13 each adjusting manhole covers, complete in place;
- (15) 7 each resetting street signs, complete in place;
- (16) 7 monument covers Detail K, complete in place;
- (17) 7 each street signs, Detail P, complete in place;
- (18) 1 each manhole Detail No. 4, complete in place;
- (19) 4 each gutter inlets, Detail 6, complete in place;

ALTERNATE NO. 2

- (1) 2,245 sq. yds. oil processed pavement 3-in. thick, complete in place (track area);
- (2) 2,245 sq. yds. 2-in. agg. base course under oil process pavement, complete in place (track area);
- (3) 2,245 sq. yds. grading under oil process pavement (track area);
- (4) 21,355 sq. yds. oil processed pavement 3-in. thick, complete in place;
- (5) 21,355 sq. yds. 6-in. agg. base under oil process pavement, complete in place;
- (6) 21,355 sq. yds. grading under oil process pavement;
- (7) 2,000 sq. yds. 6-in. Portland cement concrete pavement, complete in place;
- (8) 2,000 sq. yds. grading under 6-inch Portland cement concrete pavement;
- (9) 9,400 sq. yds. parkway grading;

- (10) 39,000 sq. ft. Portland cement concrete sidewalk 4-inch thick, complete in place;
- (11) 13,060 lf. combined curb and gutter, Detail E-1, complete in place;
- (12) 620 lf. single curb, Detail F-1, complete in place;
- (13) 610 lf. Valley gutter, Detail Z, complete in place;
- (14) 105 lf. single gutter, Detail G, complete in place;
- (15) 185 lf. 8-in. plain conc. pipe, complete in place;
- (16) 43 lf. 8-in. conc. pipe, Detail X, complete in place;
- (17) 10 each adjusting valve boxes, complete in place;
- (18) 13 each adjusting manhole covers, complete in place;
- (19) 7 each resetting street signs, complete in place;
- (20) 7 each monument covers, Detail K, complete in place;
- (21) 7 each street signs, Detail P, complete in place;
- (22) 1 each manholes, Detail No. 4, complete in place;
- (23) 4 each gutter inlets, Detail 6, complete in place.

Total bids follow:

- (A) Oswald Bros., Alt. No. 1, \$53,905.50; Alt. No. 2, \$51,036.55.
- (B) Arizona Sand & Rock Co., Alt. No. 1, \$55,487.64; Alt. No. 2, \$51,998.44.
- (C) Phoenix-Tempe Stone Co., Alt. No. 1, \$61,685.05; Alt. No. 2, \$54,461.40.
- (D) Daley Corp., Alt. No. 1, \$62,518.15; Alt. No. 2, \$54,135.15.
- (E) W. E. Hall Co., Alt. No. 1, no bid; Alt. No. 2, \$54,946.80.

The unit bids were:

ALTERNATE NO. 1

	(A)	(B)	(C)	(D)
(1)	\$0.70	\$0.60	\$0.64	\$0.64
(2)	.15	.15	.20	.29
(3)	.30	.15	.27	.37
(4)	1.40	1.38	1.60	1.60
(5)	.20	.27	.22	.27
(6)	1.50	1.78	1.95	2.00
(7)	.20	.29	.26	.32
(8)	.10	.10	.12	.10
(9)	.16	.165	.19	.17
(10)	1.00	1.05	1.10	1.30
(11)	.75	1.11	.60	.75
(12)	1.00	1.28	1.20	1.30
(13)	4.00	2.50	3.00	2.50
(14)	6.00	2.50	15.00	5.00
(15)	10.00	4.00	7.00	15.00
(16)	17.00	17.00	15.00	17.00
(17)	25.00	18.00	15.00	20.00
(18)	65.00	86.00	60.00	55.00
(19)	25.00	20.00	25.00	22.00

ALTERNATE NO. 2

	(A)	(B)	(C)	(D)	(E)
(1)	\$0.65	\$0.58	\$0.64	\$0.64	\$0.60
(2)	.12	.15	.20	.29	.16
(3)	.30	.15	.27	.37	.13
(4)	.60	.58	.60	.62	.60
(5)	.25	.27	.24	.24	.27
(6)	.23	.25	.22	.24	.28
(7)	1.50	1.78	1.95	2.00	1.88
(8)	.23	.29	.26	.32	.28
(9)	.10	.10	.12	.10	.13
(10)	.16	.165	.19	.17	.18
(11)	1.00	1.02	1.10	1.05	1.05
(12)	.60	.65	.75	.60	.80
(13)	1.00	.75	1.08	1.10	1.15
(14)	.75	.75	.75	.60	.60
(15)	.65	1.11	.60	.75	.75
(16)	1.00	1.28	1.20	1.30	1.75
(17)	4.00	2.50	3.00	2.50	2.00
(18)	6.00	2.50	15.00	5.00	6.00
(19)	10.00	4.00	7.00	1.50	6.00
(20)	17.00	17.00	15.00	15.00	15.00
(21)	25.00	18.00	15.00	20.00	25.00
(22)	65.00	86.00	60.00	55.00	80.00
(23)	25.00	20.00	25.00	22.00	30.00

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened as noted below:

*IV-Ala-Feeder—Betw. Mtn. House

and Contra Costa County Line: PLANS (No. of Sheets), 24; Cost, \$3.60; CROSS-SECTIONS (No. of Sheets), None; total \$3.60.

†VII-LA-60-A—Bridges across Corral Creek, Solstice Creek and Escondido Creek: PLANS (No. of Sheets), 17; cost, \$2.50; CROSS-SECTIONS, None; total, \$2.50.

†VII-LA-168-C—Undergrade crossing under the tracks of the S. P. R.R. near Rudell Station: PLANS (No. of Sheets), 26; Cost, \$3.90; CROSS-SECTIONS (No. of Sheets), 9; Cost, \$0.90; total, \$4.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

*To be opened in San Francisco January 14, 1938.

†To be opened in Los Angeles on January 13, 1938. * 29

LOW BIDDERS

COCONINO COUNTY, Ariz.—Jack Casson, 319 Warren St., Hayward, Calif., at \$62,570 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for placing bituminous treated crushed rock surfacing (Class F) on 14,605 miles of Section A1 and A2, Rt. 1, and Sections A1, A2 and B of Rt. 2, Grand Canyon National Park, Coconino County, Ariz.

Three low bids follow: Jack Casson, Hayward, Cal.....\$62,570 Southern Calif. Roads Co., Los Angeles..... 67,530

Olof Nelson, Logan, Utah..... 69,625 * 29

LOW BIDDER

COCONINO COUNTY, Ariz.—Skouens Bros., Albuquerque, N. M., at \$37,681 submitted low bid to the Arizona State Highway Commission, Phoenix, for placing select material, aggregate base course and asphaltic surface treatment at a point 25.7 miles north of Cameron and extending northerly approximately 14.2 miles, Flagstaff-Fredonia Highway F.L. 4-C, Schedule 2 (1938) Coconino Co., Ariz.

BIDS WANTED

PHOENIX, Maricopa Co., Arizona.—Until Jan. 4, 10:15 a.m., bids will be received by the Phoenix City Commission, for the improvements of certain portions of Twelfth and Thirteenth Aves., Eleventh Ave., Tenth Ave., McKinley St. and Pierce St., Phoenix, Arizona.

Work involves:

ALTERNATE 1

- (1) 15,200 sq. yds. 4.7-in. Portland cement concrete pavement with integral curbs and thickened edges;
- (2) 15,200 sq. yds. grading under 4.7-in. Portland cement concrete pavement;
- (3) 1,070 sq. yds. 6-in. Portland cement concrete pavement;
- (4) 1,070 sq. yds. grading under 6-in. Portland cement concrete pavement;
- (5) 5,800 sq. yds. parkway grading;
- (6) 24,000 sq. ft. one-course Portland cement concrete sidewalk;
- (7) 275 lin. ft. 8-in. plain concrete pipe;
- (8) 3 each, street signs (detail P);
- (9) 3 each, monument covers (detail K);
- (10) 3 each, manholes (detail No. 4);
- (11) 3 each, gutter inlets (detail No. 3);
- (12) 3 each, gutter inlets (detail No. 6);

- (13) 5 each, adjusting manhole covers;
 (14) 8 each, adjusting water valve boxes.

ALTERNATE 2

- (1) 13,010 sq. yds. 3-in. plant-mix oil process pavement;
 (2) 13,010 sq. yds. grading under oil process pavement;
 (3) 13,010 sq. yds. 6-in. aggregate base, under oil process pavement;
 (4) 1,020 sq. yds. 6-in. Portland cement concrete pavement;
 (5) 1,020 sq. yds. grading under 6-in. Portland cement concrete pavement;
 (6) 5,800 sq. yds. parkway grading;
 (7) 21,000 sq. ft. one-course Portland cement concrete sidewalk, 4 inches thick;
 (8) 8,050 lin. ft. combined curb and gutter (detail E-1);
 (9) 260 lf. single curb (detail F-1);
 (10) 270 lf. valley gutter (detail Z);
 (11) 275 lf. 8-in. plain concrete pipe;
 (12) 3 each, street signs (detail P);
 (13) 3 each, monument covers (detail K);
 (14) 3 each, manholes (detail No. 4);
 (15) 3 each, gutter inlets (detail No. 3);
 (16) 163 each, gutter inlets (detail No. 6);
 (17) 5 each, adjusting manhole covers;
 (18) 8 each, adjusting water valve boxes.

Plans and specifications may be obtained from the City Engineer, Phoenix, upon deposit of \$5.00. * 29

BIDS WANTED

DEL NORTE CO., Cal.—Until Jan. 19, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete slab bridge and grading, and applying seal coat to about 2 miles between Wilson Creek and Last Chance Side, Del Norte Co., Cal.

Work involves:

- (1) 20 acres clear and grub;
 (2) 1,400 M. gals. water;
 (3) 168,000 c.y. rdwy. excav. without class;
 (4) 220 c.y. ditch and channel excavation;
 (5) 1,695,000 sta. yds. overhaul;
 (6) 47,000 mile yds. haul;
 (7) 5,150 c.y. struc. excav.;
 (8) 8,000 c.y. coarse rock;
 (9) 8,100 c.y. import surf. matl.;
 (10) 107 sta. finishing roadway;
 (11) 72 tons liq. asph., SC-1A (prime coat);
 (12) 37 tons liq. asph., 90-95 (seal coat);
 (13) 315 c.y. screenings (seal coat);
 (14) 30,800 lbs. bar reinf. steel;
 (15) 243 c.y. class A portland cement conc. strucs.;

- (16) 55 MFMB redwood timber, select, all-heart, struc. grade;
 (17) 100 c.y. dry rubble;
 (18) 340 lf. 8-in. CMP;
 (19) 1,200 lf. 18-in. CMP;
 (20) 450 lf. 24-in. CMP;
 (21) 160 lf. 30-in. CMP;
 (22) 3,900 lf. 8-in. perf. metal pipe underdrains;
 (23) 670 lf. 18-in. perf. metal pipe underdrains;
 (24) 1,140 cu. yd. rock filling material;
 (25) 350 lf. pipe culverts, remove, clean and salvage;
 (26) 8,700 lbs. misc. steel;
 (27) 5 each, spillway assemblies;
 (28) 3 each, junction pipes;
 (29) 1 each, taper inlets and elbows;
 (30) 12 each, remove headwalls;
 (31) 1,700 lf. laminated guard railing;
 (32) 220 lf. solid timber railing;
 (33) 32 each, culvert markers;
 (34) 20 each, guide posts;
 (35) 0.90 mile new property fence;

- (36) 1 each, drive gate;
 (37) 0.65 mile fence moved and reset;
 (38) 1 lot remove exist. timber structures;
 (39) 20 lot, monuments;
 (40) 1 lot misc. bridge items.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SANTA CLARA CO., Cal.—Until Jan. 21, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading, surfacing with gravel base, and applying armor coat to about 3.9 ml. between north line of Las Uvas Rancho and Croly Road, Santa Clara Co., Calif.

Work involves:

- (1) clearing and grubbing right of way;
 (2) 850 M. gals. water;
 (3) 134,557 c.y. roadway excav. without class;
 (4) 300,000 sta. yds. overhaul;
 (5) 1,500 c.y. struc. excav.;
 (6) 15 c.y. remove conc.;
 (7) 207 sta. finishing roadway;
 (8) 11,500 c.y. gravel base;
 (9) 60 tons liq. asph., SC-1A;
 (10) 125 tons liq. asph., 90-95;
 (11) 2,540 tons screenings;
 (12) 37,800 lbs. bar reinf. steel;
 (13) 300 c.y. class A portland cement concrete strucs.;
 (14) 220 lf. 8-in. CMP;
 (15) 950 lf. 12-in. CMP;
 (16) 540 lf. 15-in. CMP;
 (17) 250 lf. 18-in. CMP;
 (18) 28 lf. 24-in. CMP;
 (19) 162 lf. 24-in. CMP;
 (20) 42 lf. 36-in. CMP;
 (21) 185 lf. remove and relay exist. culvert pipe;
 (22) 13 each, spillway assemblies;
 (23) 7.3 mi. new property fence;
 (24) 12 each, fence gates.

Plans and specifications may be obtained from the above office. * 29

LOW BIDDER

GILA AND NAVAJO COS., Ariz.—Globe, Or. El Paso, Tex., at \$126,952 submitted low bid to the Arizona State Highway Commission, Phoenix for highway construction on the Globe-Showlow Highway (F. A. 99-H, 1st Reop.) (1938) A.F.E. 6072; F.A. 99-I (1938) A.F.E. 6073; F.A. 99-J, 1st Reop. (1938) A.F.E. 6074. The work, which begins about 50 miles northeast of Globe and extends north-easterly about 15 miles to the Gila-Navajo county line, consists of sub-grading roadway and refinishing the slopes, aggregate base course and asphalt surface treatment and is to be completed on or before Sept. 15, 1938.

BIDS WANTED

MARICOPA AND YAVAPAI COS., Ariz.—Until Jan. 7, 10:30 a.m., bids will be received by Arizona State Highway Engineer, Howard S. Reed, for construction of Agulia-Congress Junction Highway, FAS 1-A (1938), AFE 7103. The work, which begins at the Maricopa-Yavapai county line, approximately 6 mi. NE of Agulia, and extends NE for approximately 7½ ml., consists of grading and draining the roadway, and is to be completed on or before June 30, 1938.

The work involves:

- (1) 1,500 c.y. roadway excav.;
 (2) 6,800 c.y. drainage excav.;
 (3) 1,600 c.y. struc. excav.;
 (4) 49,800 c.y. imported borrow;
 (5) 29,200 c.y. select material;
 (6) 1,000 M. gals. sprinkling;
 (7) 650 hrs. rolling;
 (8) 931 c.y. class A concrete;
 (9) 97,700 lbs. reinf. steel;
 (10) 1,042 lf. CMP (4 sizes);
 (11) 300 c.y. plain riprap. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

COWLITZ CO., Wash.—Until Jan. 11, 3 p.m., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, under Bid No. 498-38-270, for the construction of the Burris Creek diversion in Drainage Improvement District No. 5, consisting of excavating approximately 8700 feet of canal with adjoining levees and the construction of a 42-inch syphon, a 72-inch discharge line and excavation of lateral drainage ditches, Cowlitz Co., Wash.

Work involves:

- (1) 9.1 acres stripping;
 (2) 9,165 c.y. canal excav. placed in levee (drag line);
 (3) 12,552 c.y. canal excav. placed in levee (truck haul);
 (4) 24,772 c.y. levee embankment, truck haul (from borrow);
 (5) 8,713 c.y. mile truck overhaul;
 (6) 2,400 c.y. ditch excav. (drainage ditches);
 (7) 342 c.y. excav., structural;
 (8) 342 c.y. backfill;
 (9) 3.94 MFMB untreated lumber, in place;
 (10) 640 lf. untreated round piling, in place;
 (11) 150 lf. 72-in. corrug. iron pipe (incl. two 60-inch stand pipes) in place;
 (12) 116 lf. 42-in. corrug. iron pipe, in place;
 (13) 2 c.y. reinf. conc., in place;
 (14) 1914 lbs. structural steel, in place;
 (15) 450 c.y. rock riprap revetment, in place.
- Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

BIDS WANTED

PROVO RIVER PROJECT, Utah.—Until Feb. 10, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, 336 Federal Bldg., Salt Lake City, Utah, under Spec. No. 768, for the construction of the Deer Creek Dam and railroad and highway relocation, Provo River Project, Utah.

Work involves:

- (1) 280,000 c.y. of stripping;
 (2) 443,000 c.y. of all classes of excavation for dam;
 (3) 2,600,000 c.y. of common excav. in borrow pits for earth fill in dam;
 (4) 116,000 c.y. of rock excavation in borrow pits for dam;
 (5) 467,000 c.y. of all classes of excavation for railroad;
 (6) 167,000 c.y. of all classes of excavation for highway;
 (7) 21,450 sta. yds. of overhaul;
 (8) 23,500 c.y. of backfill;
 (9) 2,500,000 c.y. of earth fill in dam embankment;
 (10) 30,000 c.y. of sand, gravel, and cobble fill for dam;
 (11) 182,000 c.y. of rock fill on slopes of dam embankment;
 (12) 46,000 c.y. of riprap for dam;
 (13) 36,000 cu. ft. of pressure grouting for dam;
 (14) 17,250 c.y. of concrete for dam;
 (15) 1,800 c.y. of concrete for railroad;
 (16) 30 c.y. of concrete for highway;
 (17) Placing 1,932,000 lbs. of reinf. bars;
 (18) Constructing 6,000 lin. ft. of 4-in. to 12-in. sewer-pipe drains for dam;
 (19) Drilling 17,000 lin. ft. of grout, weep, and anchor-bar holes for dam;
 (20) Driving 120,000 lbs. of steel sheet piling;
 (21) Driving 2,100 lin. ft. of timber piling;

- (22) Installing 1,300 lin. ft. of metal sealing strips for dam;
 - (23) Furnishing and installing 60,000 lbs. of steel tunnel-liner plates for dam;
 - (24) Installing 289,000 lbs. of gates and trash-rack metalwork;
 - (25) Installing 540,000 lbs. of outlet pipes;
 - (26) Installing 100,000 lbs. of needle valves and control apparatus;
 - (27) Installing 43,000 lbs. of miscellaneous metalwork for dam;
 - (28) Installing 7,000 lin. ft. of electrical metal conduit for dam;
 - (29) Constructing 400 c.y. of rubble masonry walls for railroad;
 - (30) Laying 3,700 lin. ft. of 24-in. to 84-in. corrug. metal pipe for railroad;
 - (31) Laying 600 linear feet of 24-in. to 60-in. corr. metal pipe for highway;
 - (32) Constructing 400 linear feet of 90-inch multiplate culverts for highway;
 - (33) Erecting 190,000 lbs. of structural steel for railroad bridge;
 - (34) Laying and ballasting 12 miles of railroad track;
 - (35) Dismantling and salvaging eight miles of railroad track;
 - (36) Furnishing and placing 8,300 c.y. of highway surfacing material;
 - (37) Applying 15,000 gals. road oil
- Plans and specifications may be obtained from the above office. * 30

WORK TO START

BEND, Deschutes Co., Ore.—Engineering plans for the Wikipud Dam have been sufficiently advanced by the Bureau of Reclamation to enable work to start. Irrigation district must be organized to contract for repayment of project's cost, arrangements made for labor, agreement made with Inland Power & Light Company for use of water and a decision made to construct one or two reservoirs.

The dam will be located forty miles above Bend. It will be a principal part of the Deschutes Project to irrigate 50,000 acres in Central Oregon. Crane Prairie reservoir will either have to be rebuilt or Wikipud Dam enlarged. Alternate plans have been prepared. Estimated cost of Deschutes Project is \$8,000,000, but CCC will do work estimated to cost about \$2,000,000 in clearing site and laying canals; \$450,000 has been appropriated by Congress and \$500,000 allotted by PWA. * 30

31—PIPE LINES & WELLS

December 29, 1937.

BIDS WANTED

LA MESA, San Diego Co., Calif.—Until Jan. 18, 10 a. m., bids will be received by La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, for the construction of distribution pipe line replacements, Unit No. 2, PWA Docket 1489-2-DS, located within the boundaries of the said district. Plans and specifications may be obtained from the office of the district, 4769 Spring St., La Mesa, upon deposit of \$25 per set, returnable. Certified or cashier's check or bid bond for 10%. Ruth C. Drew, Secretary; C. Harritt, General Manager; Carl Hudson, Engineer.

The quantities are:

PROPOSAL "A"

Distribution pipeline replacement project, Unit No. 2, complete, including furnishing of material:

- (1) 16,398 c.y. unclass. excav. for installation of C I pipe and fittings;
- (2) 15,603 c.y. backfill for installation of C I pipe and fittings;
- (3) 3,962 sq. ft. oil road surf. to be

removed and replaced for installation of C I pipe and fittings;

- (4) 3,470 sq. ft. cem. or asph. conc. pave. to be removed and replaced for installation of C I pipe and fittings;
- (5) 2,155 l.f. 12-in. class 250, C I pipe, complete in place;
- (6) 50 l.f. 12-in. class 150, C I pipe, complete in place;
- (7) 4,496 l.f. 8-in. class 250, C I pipe, complete in place;
- (8) 3,963 l.f. 8-in. class 150, C I pipe, complete in place;
- (9) 22,114 l.f. 6-in. class 250, C I pipe, complete in place;
- (10) 31,310 l.f. 6-in. class 150, C I pipe, complete in place;
- (11) 4,472 l.f. 4-in. class 250, C I pipe, complete in place;
- (12) 6,509 l.f. 4-in. class 150, C I pipe, complete in place;
- (13) 82,325 lbs. C I tees, angles, hydrant spacers and ells, reducers and other fittings, complete in place;
- (14) 6 12-in. hub end gate valves, complete in place;
- (15) 13 8-in. hub end gate valves, complete in place;
- (16) 101 6-in. hub end gate valves, complete in place;
- (17) 148 4-in. hub end gate valves, complete in place;
- (18) 804 l.f. 6-in. class 150 C I pipe, complete in place in gate wells;
- (19) 78 4-in. two-way C I fire hydrants, complete in place;
- (20) 1,473 c.y. unclass. excav. for installation of service pipe and connections;
- (21) 1,473 c.y. backfill for installation of service pipe and connections;
- (22) 1,674 sq. ft. oil road surf. to be removed and replaced for installation of service pipe and connections;
- (23) 464 sq. ft. cem. or asph. conc. pave. to be removed and replaced for installation of service pipe and connections;
- (24) 19.5 c.y. cem. conc. complete in place;
- (25) 339 3/4-in. bronze service connection assemblies complete in place;
- (26) 7,976 l.f. 3/4-in. copper pipe in service connections complete in place;
- (27) 36 1-in. bronze service connection assemblies complete in place;
- (28) 815 l.f. 1-in. copper pipe in service connections complete in place;
- (29) 13 2-in. bronze service connection assemblies complete in place;
- (30) 267 l.f. 2-in. copper pipe in service connections complete in place.

ALTERNATE BID—PROPOSAL "B"
Distribution pipeline replacement project, Unit No. 2, complete, except service connections.

- (1) 16,398 c.y. unclass. excav. for install. of C I pipe and fittings;
- (2) 15,603 c.y. backfill for install. of C I iron pipe and fittings;
- (3) 3,962 sq. ft. oil road surfacing to be removed and replaced, for installation of C I pipe and fittings;
- (4) 3,470 sq. ft. cem. or asph. conc. pave. to be removed and replaced, for install. of C I pipe and fittings;
- (5) 2,155 l.f. 12-in. class 250 C I pipe, complete in place;
- (6) 50 l.f. 12-in. class 150 C I pipe, complete in place;
- (7) 4,496 l.f. 8-in. class 250 C I pipe, complete in place;
- (8) 3,963 l.f. 8-in. class 150 C I pipe, complete in place;
- (9) 22,114 l.f. 6-in. class 250 C I pipe, complete in place;
- (10) 31,310 l.f. 6-in. class 150 C I pipe, complete in place;

- (11) 4,472 l.f. 4-in. class 250 C I pipe, complete in place;
- (12) 6,509 l.f. 4-in. class 150 C I pipe, complete in place;
- (13) 82,325 lbs. C I tees, angles, hydrant spacers and ells, reducers and other fittings, complete in place;
- (14) 6 12-in. hub end gate valves, complete in place;
- (15) 13 8-in. hub end gate valves, complete in place;
- (16) 101 6-in. hub end gate valves, complete in place;
- (17) 148 4-in. hub end gate valves, complete in place;
- (18) 804 l.f. 6-in. class 150 C I pipe, complete in place in gate wells;
- (19) 78 4-in. two-way C I fire hydrant, complete in place;
- (20) 19.50 c.y. cement concrete, complete in place. * 31

BIDS WANTED

SAN DIEGO, Cal.—Until Jan. 3, 11:15 a.m., bids will be received by the San Diego County Supervisors, Miss C. Buckley, Clerk, for the construction, delivery and installation of a high pressure steam main from the boiler room of the San Diego County Hospital to the boiler room of the male help building, in accordance with specifications on file in the office of the board. Certified check or bid bond, 5%. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

SEATTLE, King Co., Wash.—Queen City Constr. Co., 603 18th Ave., at \$249,399, submitted low bid to the Board of Public Works, 511 County-City Bldg., Seattle, for the construction of Unit No. 9, Henderson Street Trunk Sewer.

Complete bids follow:

Queen City Constr. Co., 603 18th Ave.	\$249,399
Thos. Scalzo	255,586
Acme Constr. Co.	259,266
Macri Bros.	262,323
General Constr. Co.	279,033
Puget Sound Bridge & Dredging Co.	329,069
L. Romano Engineering Corp.	355,216

CONTRACT AWARDED

SEATTLE, King Co., Wash.—General Constr. Co., 3840 Iowa Avenue, at \$16,456, submitted low bid and was awarded contract by the Board of Public Works for preliminary work for Henderson Street sewer treatment plant, involving filling site, 12 acres clearing, 92,000 cu. yd. fill, 100 feet sewer pipe.

Other bidders were:

Puget Sound Bridge & Dredging Co.	\$18,000
Thos. Scalzo	43,350
Northwest Constr. Co.	44,270
Erickson Paving Co.	52,004
Acme Constr. Co.	66,250

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until January 3, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House San Jose, for the construction of a storm sewer on Glen Una Drive at Gladding's Place, Supervisor District No. 5, Santa Clara County.

Work involves:

- (1) 183 Lf. 15-in. vitrified pipe;
- (2) 640 Lf. 12-in. vitrified pipe;
- (3) 50 Lf. 15-in. corrugated culvert;
- (4) 7 manholes.

Plans and specifications may be obtained from the above office upon deposit of \$1.00.

Contract previously awarded Mihovich & Zekich, Sunnyvale, at \$1-744.75 was rescinded. * 32

CONTRACT AWARDED

SAN MATEO, Cal.—M. J. McGuire and M. Hester, 1483 Hopkins St., Oakland, at \$1912.20, submitted low bid and was awarded contract by the San Mateo City Council, City Clerk, City Hall, for the construction of sewers on Bayshore Blvd., between Poplar Avenue and Mt. Diablo, San Mateo, Cal.

Work involves:

- (1) 1612 lin. ft. 6-in. vitrified clay sewer pipe;
- (2) 32 Y branches;
- (3) 6 manholes.

Total bids follow:

(A) M. J. McGuire & M. Hester, 1483 Hopkins St., Oakland—\$1912.20.			
(B) H. E. Conner, Redwood City—\$212.4.			
(C) O. G. Ritchie, San Jose—\$2151.60.			
Unit prices follow:			
(1).....	\$0.85	\$1.00	\$1.05
(2).....	1.00	1.00	.75
(3).....	85.00	80.00	72.50

33— WATER WORKS**TO INSTALL**

TORRANCE, Los Angeles Co., Cal.—Cast iron water mains and 27 fire hydrants, estimated to cost \$25,171, will be installed in the CCMO lease in West Torrance, the city to eventually acquire the mains as part of the city distributing system. The Chancellor, Genfield Midway Oil Co., owner of the lease, will pay for and install the improvements. * 33

BIDS WANTED

HARRINGTON, Lincoln Co., Wash.—Until Jan. 24, 7:30 p.m., bids will be received by the Town Council, H. Turner, Clerk, for 150,000-gal. capacity steel storage water tank with 50-ft. steel tower. Alternate 1: 150,000-gal. capacity steel water tank (flat bottom), supported on concrete slab and tower; Alternate 2: 150,000-gal. capacity concrete water tank supported by concrete slab and inclosed with concrete shell.

Plans and specifications may be obtained from W. L. Malony, Engineer, 414 Symons Bldg., Spokane, upon the deposit of \$10. * 33

34— PARKS AND PLAY GROUNDS**BIDS OPENED**

SALINAS, Monterey Co., Cal.—L. M. Aikins, Cleveland, Ohio, at \$2,423, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting grounds of the U. S. Post Office at Salinas.

Complete bids follow:

L. M. Aikins, Cleveland, Ohio—\$2423.

Walter A. Hoff Landscape Organization, Palo Alto—\$2667.

California Nursery Co., Niles—\$3475. * 34

CONTRACT AWARDED

FLAGSTAFF, Ariz.—City Wide Lawn Service Co., 815 W. Hyde Park Blvd., Inglewood, Cal., at \$197, was awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for sodding and planting grounds of the U. S. Post Office at Flagstaff. * 34

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$300; 417 10th St., Oakland; owner, Fong Poy, 556 10th St.; contractor, Oscar Soder, 4335 Sequoyah Road.

REPAIRS (termitte) \$260; 903 Vermont St.; owner, Mrs. E. Bennett

CLARK CO., NEV.—Constr. Underpass & Appr.—(State)

CLARK CO., Nevada.—J. A. Casson, 319 Warren St., Hayward, Calif., at \$69,621.37, awarded contract by the Directors of the Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a concrete and steel underpass and approaches on the State Highway 3 miles northeast of Jean, Rt. No. 6, Section B, Clark Co., Nev.

Work involves:

- (1) 26 lf. remove culvert pipe;
- (2) 4 each remove headwalls;
- (3) lump sum, remove overpass;
- (4) 11,950 sq. yd. remove and stock-pile roadmix surf.;
- (5) 58,573 c.y. rdwy. excav.;
- (6) 105 c.y. drainage excav.;
- (7) 4 sta. "V" type ditches;
- (8) 27 sta. slope rounding;
- (9) 258,924 yd. sta. overhaul (yd. sta.)
- (10) 9,321 yd. ml. overhaul (yd. mile)
- (11) 1,025 c.y. struc. excav.;
- (12) 875 c.y. backfill;
- (13) 1,078 miles subgrade, Type B;
- (14) 863 c.y. salvaged aggregate;
- (15) 810 c.y. rock cleanup;
- (16) force account, roadside cleanup;
- (17) 766 M. gals. water;
- (18) 3,169 c.y. gravel surface;
- (19) 16 tons liquid asphalt, Type SC-2 (prime coat).
- (20) 8 tons dol. (seal coat).
- (21) 102 tons dol. (road-mix);
- (22) 1,078 miles roadmix;

- (23) 753 c.y. Class A concrete;
- (24) 12 c.y. Class B concrete;
- (25) 37,860 lbs. reinf. steel;
- (26) 128,500 lbs. struc. steel;
- (27) 70 lf. 18-in. corr. metal pipe;
- (28) 272 lf. 24-in. do.;
- (29) 26 lf. reinf. culvert pipe;
- (30) 2 each move pipe culvert headwalls;
- (31) 103 c.y. Class A concrete curb and gutter;
- (32) 800 lbs. castings;
- (33) 12 each culvert markers;
- (34) 16 each monuments;
- (35) 432 cy. ballast;
- (36) 1,250 sq. ft. 3-ply membrane waterproofing.

Total bids follow:

- | | | | | | | | |
|---|--|--|--|--|--|--|--|
| (A) J. A. Casson, 319 Warren St., Hayward, Calif.—\$69,621.37. | | | | | | | |
| (B) Olof Nelson, Logan, Utah—\$71,765.04. | | | | | | | |
| (C) Dodge Constr., Inc., Fallon, Nev.—\$7,452.65. | | | | | | | |
| (D) Silver State Constr. Co., Inc., Fallon, Nevada—\$72,573.49. | | | | | | | |
| (E) Union Paving Company, San Francisco, Calif.—\$73,986.68. | | | | | | | |
| (F) The Utah Constr. Co., Ogden, Utah—\$78,199.53. | | | | | | | |
| (G) Bebek & Brkch, Los Angeles, Calif.—\$78,523.60. | | | | | | | |
| (H) Isbell Constr. Co., Reno, Nev.—\$106,893.64. | | | | | | | |

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	0.75	2.00	1.00	1.00	0.50	0.50	1.00	1.00
(2).....	10.00	3.00	5.00	10.00	7.50	5.00	10.00	10.00
(3).....	1500.00	7000.00	2000.00	500.00	850.00	2200.00	4000.00	3000.00
(4).....	20	10	0.04	10	0.02	0.04	10	0.05
(5).....	25	28	32	25	38	30	35	55
(6).....	.75	.50	.50	5.00	1.50	1.25	1.00	1.00
(7).....	2.00	4.00	7.50	10.00	3.00	10.00	6.00	5.00
(8).....	10.00	5.00	10.00	5.00	3.25	7.50	5.00	10.00
(9).....	.005	.01	.01	.01	.01	.01	.01	.01
(10).....	30	12	15	10	10	14	16	15
(11).....	1.00	3.00	2.00	1.50	1.50	1.00	1.25	1.50
(12).....	50	50	1.00	1.00	1.00	1.00	1.00	.75
(13).....	250.00	200.00	200.00	100.00	250.00	150.00	150.00	150.00
(14).....	1.50	.30	.50	5.00	.60	.40	.50	.45
(15).....	1.00	.50	1.00	1.00	1.00	.75	2.00	1.00
(16).....	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
(17).....	2.00	3.00	1.50	3.00	3.00	3.75	3.60	5.50
(18).....	1.00	1.00	1.00	1.00	.75	1.00	90	1.25
(19).....	20.00	15.00	20.00	20.00	20.00	20.00	15.00	27.00
(20).....	20.00	15.00	15.00	20.00	20.00	25.00	15.00	27.00
(21).....	20.00	15.00	15.00	20.00	21.00	21.00	15.00	27.00
(22).....	800.00	600.00	500.00	1000.00	500.00	500.00	1100.00	1000.00
(23).....	19.50	20.00	20.00	20.00	18.00	25.00	18.00	33.00
(24).....	19.00	20.00	25.00	25.00	25.00	29.00	17.00	30.00
(25).....	.06	.05	.06	.06	.07	.06	.08	.07
(26).....	.095	.075	.09	.09	.105	.11	.095	.115
(27).....	2.00	2.50	2.50	2.00	2.50	2.25	2.00	2.80
(28).....	2.50	3.50	3.50	2.00	3.00	3.00	2.75	3.60
(29).....	.70	1.00	1.00	1.00	1.00	1.00	1.00	1.00
(30).....	10.00	25.00	10.00	10.00	10.00	5.00	10.00	10.00
(31).....	18.00	18.00	20.00	25.00	17.00	20.00	15.00	32.00
(32).....	.25	.20	.15	.20	.20	.16	.10	.10
(33).....	2.50	3.00	3.00	3.00	4.00	4.00	1.50	5.00
(34).....	3.00	4.00	3.00	4.00	3.50	4.00	3.50	4.00
(35).....	1.50	1.00	2.00	2.00	1.75	3.25	1.50	3.50
(36).....	.25	.25	.75	.30	.40	.20	.40	.30

premises; contractor Alpine Wood & Supply Co., 2846 Shattuck Ave., Berkeley.

REPAIRS, \$750; 4632 Steele St., Oakland; owner, M. L. Koenig, 1106 Broadway; contractor, Leo L. Nichols, 3900 Emor Ave.

GARAGE, 1-story, \$200; 372 Taurus Ave., Oakland; owner and builder, Alice Creelman, 2117 18th St., Bakersfield.

SIGN, electric, \$150; 2312 Telegraph Ave., Oakland; owner, J. Larma; contractor, Radiant Neon Displays, 2561 San Pablo Ave.

SIGN, electric, \$175; 3224 Grand Ave., Oakland; owner, Croft Beauty Salon; contractor, Elec. Products Corp., 950 30th St.

SIGN, metal, \$10; 1097 Stratford Ave., Oakland; owner, L. N. Valentine, premises; contractor, Jack Morten, 2501 San Pablo Ave.

ALTERATIONS, \$450; 7001 Hopkins, Berkeley; owner, F. Hartwig; contractor, W. Sorensen, 2940 Piedmont.

ALTERATIONS, \$75; 49 Canyon Rd.; owner, Miss L. O'Connor, Prem.; contractor, T. S. Lossing, 47 Canyon Road.

RE-ROOF, \$90; 1209 Shattuck, Berkeley; owner, Elkins, Prem.; contractor, Guy Tyler & Sons, 1502 Cedar.

RE-ROOF, \$350; 201 Francisco St., Berkeley; owner, R. L. Underwood, Prem.; contractor, Hogan Bldg. & Roofing Co., 3002 Foot-hill Blvd.

REPAIRS, \$190; 235 Pacific Ave., Piedmont; owner, Roger Sears, 235 Pacific Ave.; contractor, Bay Cities Termitte Control, 3723 Telegraph Ave., Oakland.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials, as follows:

January 3, 10 A. M.
 BID NO. 4786—6 ballbearing jacks (bridge, foot lift type), 25-ton capacity; f.o.b. Havelock and Edna Sts., San Francisco, Cal.

BID NO. 4787—360 tons screening; f.o.b. Junipera Serra Blvd. Project, San Mateo County.

BID NO. 4788—12,000-gal. asphaltic emulsion; f.o.b. Junipera Serra Blvd. Project, San Mateo Co.

BID NO. 4791—Steel sheets, ridge roll and galv. nails; f.o.b. Yolo Co.

January 4, 10 A. M.
 BID NO. 4789—125 bbls. Portland cement; f.o.b. Sonora, Cal.

BID NO. 4790—2500 lin. ft. steel pipe; f.o.b. 1829 Cypress St., Oakland.

January 5, 10 A. M.
 BID NO. 4792—456 bbls. Portland cement; f.o.b. Merced Co.

BID NO. 4793—225 bbls. Portland cement; f.o.b. Calaveras Co.

BID NO. 4794—200 bbls. Portland cement; f.o.b. Merced Co.

BID NO. 4795—Red brick; f.o.b. San Jose, Cal.

BID NO. 4796—27.2 tons asphalt liq., SC Type 90-95; f.o.b. Salinas, Cal.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials, as follows:

JANUARY 6, 10 A. M.:

BID NO. 4804: 1098 l.f. CI water pipe; fob San Luis Obispo;

BID NO. 4805: 600 barrels of Portland cement; fob Palo Alto.

JANUARY 7, 10 A. M.:

BID NO. 4806: 168 tons of liquid asphalt 95 plus type SC-1A; fob vendor's refinery and/or San Joaquin County.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials, as follows:

January 5, 10:00 A. M.

BID NO. 4797—1660 tons crusher run rock; f.o.b. Ninth Avenue Pier Area, Oakland.

BID NO. 4798—800 tons road gravel; f.o.b. Contra Costa Co., Cal.

January 6, 10:00 A. M.

BID NO. 4799—70 tons liquid asphalt, SC Type 90-95; f.o.b. Salinas, Cal.

BID NO. 4800—1000 sacks Portland cement; f.o.b. Eureka, Cal.

BID NO. 4805—40 tons asphaltic concrete; f.o.b. Santa Ynez Avenue, San Francisco.

January 7, 10:00 A. M.

BID NO. 4801—160 tons liquid asphalt (50-60), Type SC-1A; f.o.b. vendor's refinery and/or Placenda, Cal.

BID NO. 4802—200 tons liquid asphalt (50-60), Type SC-1A; f.o.b. vendor's refinery and/or Placenda, Cal.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing miscellaneous supplies and materials, as follows:

January 4, 2:00 P. M.
 BID NO. 5359—Purchase of new caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Government Island.

January 6, 2:00 P. M.
 BID NO. 5379—200 box pocket compasses; f.o.b. Government Island.

BID NO. 5380—2400 yds. muslin; f.o.b. Government Island.

January 12, 2:00 P. M.
 BID NO. 5378—25 canteens; f.o.b. Government Island.

GOVERNMENT ISLAND, Calif.—Until January 7, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for the purchase of the following materials:

BID NO. 5366: Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used and new tires and tubes; fob Government Island.

BID NO. 5367: Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island.

BID NO. 5370: Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Redding.

CALIFORNIA STATE

REDDING, Cal.—Until Jan. 7, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Qto. No. 33885, Req. No. 25963, for one 160-cu. ft. delivery portable air compressor, gasoline-engine driven. Alternate: 160-cu. ft. portable air compressor, but Diesel or Hesselman type engine driven; f.o.b. Redding, Cal.

WAR DEPARTMENT

FORT MASON, Cal.—Until Jan. 6, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid-No. 922-38-182, for furnishing parts for Marmon Harrington Model, Hercules WXC engine; fob Motor Warehouse No. 6, Presidio of San Francisco. *

SACRAMENTO, Cal.—Until Jan. 4, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-164, for furnishing cut washers, bushings, valves, pipe, iron, steel, screws and tubing; fob Rio Vista, Cal. *

FORT MASON, Cal.—Until Jan. 11, 10 a.m., bids will be received by the

Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-186, for furnishing pipe, pipe fittings, valves, paint, varnish, grease and oil; f.o.b. Dock No. 1, Fort Mason, San Francisco, Cal. *

RECLAMATION BUREAU

DENVER, Colo.—Until Jan. 4, 2:00 p.m., bids will be received by the Bureau of Reclamation, A. McD. Brooks, Purchasing Agent, Custom House, Denver, Colorado, under Bid No. A-42,459-A, for furnishing 2,070,000 cwt. round deformed bars; f.o.b. Knob, Calif.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER dwelling, \$500; E. 16th Ave., 38 S Quintara; owner, Henry Doelger Bldr., Inc., 320 Judah St.

ALTER store, \$850; SE Market and Second Sts.; owner, Eugene N. Fritz, 110 Sacramento St.

BILLBOARD, \$200; SW Cervantes Blvd. and Fillmore St.; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUE, \$27; 160 Yukon St.; owner, Johnson, Prem.; contractor, C. R. Smith & Son, 4057 18th St.

SIGN, electric, \$25; 754 Market St.; owner, La Parisienne, Premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SHED, 1-story frame, \$450; W. Burke, 100 S. Third St.; owner, H. Mofat Co., Prem.; contractor, H. E. Rahlmann Co., 251 Kearny St.

SIGN, electric, \$50; 5237 Geary St.; owner, Bill's, Prem.; contractor, Apex Elec. Co., 363 Fell St.

SIGN, electric, \$100; 44 Steiner St.; owner, Park Grocery, Prem.; contractor, Apex Elec. Co., 363 Fell St.

ALTER dwelling, \$500; E. 16th Ave., 153 S Quintara; owner, Henry Doelger Bldr., Inc., 320 Judah St.

ALTER dwelling, \$500; E. 16th Ave., 98 S Quintara; owner, Henry Doelger Bldr., Inc., 320 Judah St.

ALTER dwelling, \$500; E. 16th Ave., 127 S Quintara; owner, Henry Doelger Bldr., Inc., 320 Judah St.

ALTER apartments, \$300; 2186 California St.; owner, Chas. Rousseau, 1990 California St.

SIGN, electric, \$100; 798 Valencia St.; owner, Union Oil Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER flats, \$200; 1443 Octavia St.; owner, F. W. Mosher, 105 Montgomery St.

SIGN, electric, \$100; 2631 Mission St.; owner, Mr. Roddy, Prem.; contractor, Apex Elec. Co., 363 Fell St.

ALTER flats, \$300; 2560 Vallejo St.; owner, Geo. M. Brooks, 315 Montgomery St.; contractor, Albert Massagli, 3821 Geary Blvd.

ALTER stores and flats, \$50; SW 24th and Church Sts.; owner, D. W. Hoffmann, 3807 24th St.

BILLBOARD, \$7; N. Geary, 32 W of 30th Ave.; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$500; E. 16th Ave., 68 S Quintara; owner, Henry Doelger Bldr., Inc., 320 Judah St.

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-seventh Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Calls Bids on Four Road
Contracts



Bids Jan. 26 on Bridge Catenary Project



**Building Permits, Advance Reports
of Building and Engineering
Projects**

**ON THE
JOB
IN
WESTERN CONSTRUCTION**

**GOLDEN
GATE**



TRUE PORTLAND CEMENT

⁷⁹
PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

STARK-RATH
Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XX

SAN FRANCISCO, CALIF., JANUARY 8, 1938

No. 2

San Luis Obispo, Humboldt Bridges, Napa Grading L. A. Surfacing Bids Scheduled

SACRAMENTO, Jan. 4.—The State Highway Commission today authorized bid calls on four contracts involving construction of two bridges and grading and surfacing of two road units. Bids will be opened in Sacramento, January 26; Los Angeles, January 27, and San Francisco, January 28.

The contract for which bids will be opened in San Francisco by District Engineer Jno. H. Skeggs involves grading and surfacing with crusher run base and armor coat about 6.2 miles of highway between Oakville and Calistoga in Napa Co.

Principal items include: 65,000 cubic yards of unclassified roadway excavation; 1200 cubic yards of structural excavation; 4200 cubic yards of crusher run base; 230 tons of liquid asphalt of various types; 3000 tons of screenings; and 27,500 pounds of bar reinforcing steel.

Jordan Creek Bridge

The largest job for which bids will be opened in Sacramento, Jan. 26, involves construction of a reinforced concrete slab bridge across Jordan Creek, about six miles south of Scotia in Humboldt Co.

The bridge will consist of six 22-foot spans; one 24-foot span; and one 15-foot span on concrete piers with steel pile foundations. Approximately 0.19 mile of highway will be graded and surfaced with plant-mixed surfacing under terms of the contract.

The principal items include: 5,000 pounds of miscellaneous steel; 82,000 pounds of bar reinforcing steel; 1440 lineal feet of steel piles and 1100 cubic yards of unclassified excavation.

Timber Crossing

On the same day bids will be opened for construction of a timber bridge across San Juan Creek, about 88 miles east of Santa Margarita in San Luis Obispo county.

The bridge will consist of sixteen 19-foot spans on pile bents. About 0.3 mile of highway are to be graded and surfaced. Principal items include: 2700 cubic yards of unclassified excavation; 55 tons of liquid asphalt of various types; 30,000 pounds of bar reinforcing steel; 3770 lineal feet of treated Douglas fir piles; and 72,000,000 BFM of various lumber.

BIDS JAN. 26 ON CATENARY, FEEDER WORK

State Calls for New Bids on Bay Bridge Railway Wire Contract

Bids for construction of the catenary and feeders for the bridge railway facilities on the main bridge, San Francisco loop and East Bay Yard yesterday were called by the San Francisco-Oakland Bay Bridge Division of the State Department of Public Works.

Bids will be opened at 2:00 P. M. on January 26 in the Bridge Division offices, 500 Sansome street.

The low bid of \$484,507 on the original contract, submitted October 13 by Alta Electric and Mechanical Company, was rejected some time ago.

Several changes are involved in the new call for bids for construction of the catenary, popularly known as "trolley wires", and feeders for the San Francisco-Oakland Bay Bridge.

The original contract involved two proposals, one for the main bridge and San Francisco loop, and the other for the East Bay Yard, but it was specified that the entire job would be awarded as one contract, the division being made for purposes of record.

Three Proposals

The present contract involves three proposals, due to an addition of Proposal C involving construction of the complete job. The Bridge District yesterday announced that they reserve the right to award the contract on any combination of proposals which will result in the lowest sum for the entire project.

A new item under Proposal A, involving the main bridge and San Francisco loop, calls for a power line to the San Francisco terminal. Changes in Proposal B include the addition of an item calling for three disconnect switches, 1200 amperes, Type R; and a drop from eight to seven disconnect switches, 1200 amperes, Type H.

ADVERTISE 1st MAJOR WORK AT ALAMEDA BASE

The opening gun of the \$14,500,000 Naval Air Station construction program at Alameda was fired today as the Navy Department Bureau of Yards and Docks called for bids on a contract to cost approximately \$950,000.

Bids will be opened January 26.

The contract calls for dredging and filling; stone seawalls and jetties; and steel sheetpile bulkheads and pier at the Naval Air Station in Alameda.

The work involved involves construction of the principal waterfront improvements necessary to the air station, it is said.

Other Contracts

No announcement was made today as to when other contracts for work on the air station will be put on the market. Basic improvements on the harbor, incorporated in the current contract, must be underway before further construction can be started on the station which is slated to be one of the key factors in the Navy's aerial defense plan for the Pacific Coast.

The specification number is 8414. Plans and specifications may be obtained from the bureau office here, or from the office of the Commandant, Twelfth Naval District in the Federal Office Building, San Francisco. The deposit is \$10.00.

In addition, bids were called today for construction of a \$90,000 galley bakery and cold storage plant at San Diego. Bids will be opened January 11. On February 16, bids will be opened for construction of a drydock pumping plant at Mare Island.

American Road Builders Prepare for 1938 Convention in Cleveland January 17-21

Details of the program for the 1938 Convention of the American Road Builders' Association, to be held January 17 to 21 in Cleveland, were announced this week.

The convention will open Monday afternoon, January 17, with a general session. Speakers will be: President Willard T. Chevalier of the American Road Builders' Association; Governor Martin L. Davey of Ohio; Mayor Harold H. Burton of Cleveland; Chief Thos. H. MacDonald of the Bureau of Public Roads; and President C. H. Purcell of the American Association of State Highway Officials.

Soil Stabilization

Featured on Tuesday will be two soil stabilization sessions under the chairmanship of H. F. Clemmer, engineer of materials. Topics at the morning session will include: Stabilization with Asphalt; Stabilization with Calcium Chloride; Surface Consolidation and Dustless Maintenance of Gravel Roads; and Application of Stabilization Principles to Highway Fill Construction.

Stabilization with asphalt, Portland cement, tar and sodium chloride will be discussed at the afternoon session. Following this a joint committee of the A.R.B.A. will give its report on: "Development of Highway Construction Equipment."

Tuesday will be devoted to two safe highways sessions; the highway contractors' session; and the State highway officials' and highway contractors' session.

Safe Highways

The safe highways sessions will consist for the most part of committee reports on a variety of subjects. The highway contractors' session will be under the chairmanship of William P. McDonald. Addresses will include: Mountainous Highway Construction Problems, and Economic Limits to Day Labor Work.

Wednesday will open with a drainage session presided over by C. A. Hogentogler of the Bureau of Public Roads. Following this will be sessions of county highway officials, municipal officials, the National Highway Advisory Council, and the executives of affiliated associations.

Principal topics include: The Importance of Drainage in Low Cost Road Construction; Asphalt in Modern Street Construction; Bituminous Macadam; Modern Concrete Street Design and Construction; Modern Brick Pavements for Municipal Streets; Modern Street Lighting; and reports of various committees.

Planning Session

The following sessions are planned for Thursday: Diversion session; Educational session; Pan-American session; and the Planning session.

At the latter session County Planning Engineer Revo Conover of Monterey county will speak on "The Engineer's Place in County

HEPLE SUBMITS LOWEST BID ON SANGER BRIDGE

SACRAMENTO, Jan. 5. — Low bids aggregating approximately \$85,000 were submitted today to the State Division of Highways here for two Northern California projects.

Earle W. Heple, 494 Delmas Avenue, Lake, San Jose, was low bidder at \$57,845 for construction of a steel girder bridge and approaches about three miles south of Sanger in Fresno county.

Only two other proposals were submitted on this contract. They were from A. Soda & Son, Oakland at \$60,581; and Bodenhamer Const. Co. and W. K. Van Bokkelen Construction, Oakland, bidding jointly, at \$72,452.

Seven Spans

The bridge will consist of five 74-ft. spans and two 65-ft. spans. It will require, among other items, some 215,000 pounds of structural steel.

Fredericksen & Westbrook, Lower Lake, submitted a low bid of \$28,789 for grading and surfacing with crushed gravel or stone about five and one-half miles in San Joaquin county, between Bacon Island Ferry and Mandeville Island Ferry.

Second and third low bidders, respectively, were Claude C. Wood, Stockton, at \$29,880 and Louis Biasotti & Son, Stockton, at \$30,036.

EASTBAY WPA AREA OFFICE IS MOVED

The Area Office of the Works Progress Administration for Alameda and Contra Costa counties will be located on the second floor of the Old Hall of Records Building, Fifth and Broadway, Oakland, effective immediately, it was announced yesterday. The same telephone number, Hlgate 6833 is continued in use for all departments.

All mail should be addressed: Works Progress Administration, Walter P. Koetitz, Branch Manager, Area 8, 440 Broadway, Oakland, it is stated.

Regional Planning Boards.

Highways and Modern Traffic Needs; Flight Strips for the Safety of Aircraft and Motor Vehicles; and Some New Aspects of Highway Planning, are topics for other addresses.

CITY RECEIVES PROPOSALS FOR MINOR PROJECTS

Healy-Tibbitts Bids Islais Creek Bridge Fender Work

Bids on four jobs costing in excess of \$30,000 in the aggregate yesterday were opened by the San Francisco Department of Public Works and the Public Utilities Commission.

Healy-Tibbitts Const. Company, at \$26,465, submitted the low bid to Director William H. Worden of the Department of Public Works on the largest contract of the day which called for construction of fenders at the Islais Creek Bridge.

DeLuca and Son, Inc., at \$27,690, submitted the second lowest bid. Other bidders were: The Duncanson-Harrelson Co., \$28,853; M. B. McGowan, Inc., \$29,273; and A. W. Kitchen and Company, \$30,655.

Bids were taken on four items. They were: lump sum for removing fenders and dolphins; 15,000 lineal feet driving timber treated piles; 50 MFBM installing timber wales for fenders; and lump sum for the electrical work.

School Lunchroom

DeLuca and Son, at \$3333, submitted the low bid for construction of a lunchroom at the John Muir School. Other bidders included: Empire Construction Co., \$3387; Frank J. Reilly Co., \$3431; M. E. Vukicovich, \$3493; and Bureau of Public Buildings, \$3788.

Albert E. Mangs and Associates, at \$279, submitted the low bid to the Public Utilities Commission for removing a smoke stack at Belmont Pumping Station.

L. H. Nishjian was appointed engineer for construction of Franklin School addition, it was announced following the meeting. Plans and specifications for the \$42,000 addition have been prepared by City Architect Charles H. Sawyer. The four-room addition will be constructed of reinforced concrete to the floor line; the superstructure will be of frame construction to conform with the present building, according to Mr. Sawyer.

MARCH OF PROGRESS BROADCASTS RESUME

Returning to the air after two weeks holiday lay-off, the March of Progress of the California State Chamber of Commerce again presents its highlights in the development of California at 9:15 P. M. over the Blue Network of the National Broadcasting Company, released in San Francisco over Station KGO.

Stories of agricultural and industrial progress, of the border automobile checking stations, social security, what to do about seasonal labor and other topics will be on the March of Progress narrator's initial 1938 program.

PLANNING HOME DESIGN CONTEST FOR EXPOSITION

Fair Officials Report Material Groups to Sponsor International Competition

Executives of the 1939 Golden Gate International Exposition yesterday announced that plans are being considered for a \$250,000 international home design contest to be sponsored by groups of material manufacturers under the direction of the Exposition.

Both architectural plans and interior decoration design are included in the proposed quarter of a million dollar competition which is expected to attract leading architects, artists and decorators throughout the world. In order that the ideal home of the future may evolve out of the ideas submitted, few restrictions will be put upon the competitors except that the homes be practicable and livable. To encourage the development of all types of homes it is planned to hold separate competitions for various types and sizes of homes.

It is proposed that the home design competitions be divided into three main classifications: houses to cost not more than \$5,000; houses unlimited in cost; and prefabricated houses. Under present plans the prefabricated house contest will be held in sections including competitions for steel, pre-cast concrete, wood and other types of houses.

Group Sponsorship

According to present plans each of these house competitions will be sponsored by one or more groups of material manufacturers under the direction of the Exposition. Prize winning designs will become the property of the manufacturing groups sponsoring the competition.

It is felt that in the small homes competition will bring out many novel new styles which find ready acceptance with the public. With the prefabricated houses popularity, low cost and large scale production are all interdependent. In order that winning designs may receive the greatest possible publicity, it is expected that the majority of prize homes will be built on the Exposition grounds to be viewed by millions of visitors during the Exposition.

Among the various groups expected to participate in the home design competitions are the home builders and subdividers of the Bay region; various cement companies; lumber, pressed wood, flexwood and plywood firms; manufacturers of metal lath, tiles, terra cotta, composition flooring, brick stone, paint, wall paper, finish hardware; and many other concerns.

Interior Decoration

In the interior decoration competition famous artists of both Europe and America will be invited to participate, according to

ASK BIDS FOR STREET, SEWER WORK AT SHASTA

Camp Utilities Contract Advertised by Reclamation Bureau

SACRAMENTO, Jan. 3. — Bids for construction of streets and utilities at the Government Camp at Shasta Dam site were invited today by Construction Engineer W. R. Young of the U. S. Bureau of Reclamation.

Proposals for the contract, one of the final jobs at the Kennett Division camp, will be opened at the Bureau's office here February 1.

The street and utilities work will be similar to that performed at Friant camp.

The contract calls for construction of street, driveway and sidewalk grading and surfacing, and for installation of sewer and water systems for the camp, which is located about nine miles north of Redding. Plans are available from the Bureau office in Sacramento. No charge is made to prospective bidders for plans; the price to others is \$1.50, not returnable.

(List of estimated quantities appears today in Advance Report section.)

DENVER, Colo., Jan. 3. — Bids for furnishing a trickling filter for the sewage disposal system at the Government camp near Redding, Calif., will be opened by the U. S. Bureau of Reclamation office here January 19. Chief Engineer R. F. Walter announced today.

Edwyn A. Hunt, chairman of the Exposition's design contest committee.

One of the proposed competitions will be along the lines of strictly "Americana" lines. "There is no design in home furnishings today that can be called true and modern American," Hunt declared. "It is our hope through this contest to define as 'American' one of the major contemporary movements in the art of home furnishings."

The American design today is a hedge-nodge of what various prominent designers think the American theme ought to be, Hunt pointed out, and there is nothing to which an interior decorator can point to as truly American.

Charles Maury, architect, and other committee members including Ben Davis, of S. & G. Gump Co., Marta K. Seronen of the San Francisco Furniture Exchange, F. Eldon Baldauf, modern designer, and Al Lilly have outlined the technical specifications for the competitions which will be submitted to the leading manufacturers of home building materials and furnishings.

REA PROJECTS' POWER BROUGHT TO 50,000 HOMES

Work Now Underway Will Serve 175,000 Families, Administrator Reports

Approximately 175,000 farm families will receive electric service from \$60,000,000 worth of rural power lines which REA borrowers have under way or completed, Administrator John M. Carmody announced this week.

In a paper presented before the American Farm Economic Association at Atlantic City, Mr. Carmody pointed out that 50,000 farm families are already benefiting from electricity brought to them over rural lines built by REA borrowers. "REA is bending every effort to complete the additional construction," he said, adding:

"In the two and one-half years which have elapsed since the Rural Electrification Administration was created, a trained organization has been built up, its functions have been expanded to meet the needs of a developing program, and its policies have been shaped by the forces which the Administration has encountered."

Declaring that REA has also provided a powerful stimulus to farm electrification by the utilities, Mr. Carmody said:

Utilities' Projects

"In the two years 1933 and 1934 these utilities electrified a total of thirty-four thousand farms. In the first two and one-half years of the REA, they electrified over three hundred thousand farms and today one farm in every six in this country enjoys some of the benefits of electricity. These figures afford a measure of the progress of rural electrification in recent years."

Referring to the effect of the rural electrification program upon industry, Mr. Carmody said:

"The Federal Government continues to be faced with the problem of providing productive employment for this nation's labor reservoir. The current recession of activity in industry makes imperative new orders for materials and equipment to maintain employment and profits.

Net Cost Modest

"Self-liquidating loans for constructive rural electrification projects provide productive employment and help to stimulate industry at a very modest net cost to the Federal treasury. Furthermore, for every dollar for rural line construction the Federal Government lends, the farmer spends another dollar for wiring his farm and purchasing appliances."

Production of galvanized tanks for hot water heaters during the first ten months of 1936 amounted to 218,895 units, as compared to production of 131,501 units for the same period in 1936, the Bureau of Census announces.

1,337,000,000 Man-Hours of Industrial Employment Created During PWA's 4 Yrs.

More than one and a third billion man-hours of industrial employment were created in four years by the non-Federal PWA program, the Bureau of Labor Statistics of the Department of Labor yesterday reported to Public Works Administrator Harold L. Ickes.

Establishment of the one and a third billion hour figure solved one of the great unknowns of the PWA program, for the full regenerative extent of the "behind the lines" employment had not been measured heretofore. The figure represents the industrial employment from the non-Federal program only, and is in addition to the 1,423,183,000 man hours of direct construction site employment shown by PWA contractors time sheets. Both the indirect and construction site employment of the PWA Federal construction program for which approximately half of the PWA funds were expended were excluded from the one and a third billion figure.

Winding up a searching analysis of the effect of the PWA program on industry from July of 1933 to July of 1937, the Bureau found that PWA non-Federal projects originated material orders which created a vast pool of employment extending throughout American industry. It revealed a record of sharply rising employment at mills and factories supplying materials for the program, and extensive revival of heavy industry laid idle by the depression.

It disclosed release of millions of dollars in industrial pay rolls created on the site of projects, and painted a picture of far-reaching stimulus of business through a program of public works.

The study revealed for the first time, on the basis of careful and accurate figures, just how far back flow the economic stimuli from a program of public works. It showed how a courthouse project in New Mexico furnished employment for glass workers in New York, coal miners in West Virginia, steel workers in Ohio and railroad workers in States across which materials traveled to reach the site. Carrying the study into terms of stimulation for heavy industry, employment for workers behind the lines and circulation of money released in direct and indirect pay rolls, the Bureau found:

1. That at least 1,337,000,000 man hours of employment in industry during the four-year period of recovery from the depression was directly traceable to PWA non-Federal project material orders.

2. That employment in heavy industries supplying materials for PWA construction rose precipitously during the four-year period, in some cases as high as 354 per cent and 618 per cent.

3. Approximately 1,415,546,299 man-hours of direct site labor was created on all types of PWA projects, including both Federal and non-Federal.

4. Some \$931,241,678 in pay rolls was put into circulation at PWA project sites.

5. Material orders placed by the program with private industry exceeded \$1,708,686,000. Contracts were let with a total value of \$3,-674,244,000.

The Bureau's survey of direct and indirect labor provided by PWA projects was one of the most comprehensive employment investigations ever undertaken and marked the first time the precise factors of employment arising out of public works has been measured. The study was conducted under the direction of Mr. Herman Byer, Chief of the Bureau's Division of Construction and Public Employment. It was based on actual job records, on PWA projects, contracts, pay rolls, time sheets, specifications, material production and consumption records, rail movements and industrial ledgers.

One of the most spectacular findings of the Bureau was the percentage of increase in employment in those industries supplying materials for PWA projects during the four-year period. Statisticians of the Bureau measured the amount of employment in these industries in 1933 and compared it with the employment in the same industries in 1937—four years later. In blast furnace, steel and rolling mills, they found employment increased 56.4 per cent over the period. Hardware employment went up 52.5 per cent. Structural and ornamental metalwork employment jumped 101.6 per cent.

In the manufacture of cars for electric and steam railroads, stimulated by PWA equipment loans, employment went up 354.2 per cent. Locomotive building, stagnant at the beginning of the period, skyrocketed its employment figures 618.8 per cent.

While all of the increase in employment in these and other industries is not attributed solely to the result of PWA material orders, the Bureau held that much credit for the increase can be given public works projects. Sharpest increases in employment in heavy industry were found in those lines of business which participated most fully in PWA activities.

The \$1,708,686,000 of orders for materials was divided over many lines of business. Forest products to the value of \$100,703,994 were purchased. A total of \$484,895,506 worth of stone, clay and glass products went into PWA projects. Iron, and steel and their products, not including machinery, to the extent of \$456,763,035 were purchased. A total of \$288,188,122

BIDS SCHEDULED ON YERBA BUENA SEPARATION JOB

\$235,000 Available for Second Island Roadway Contract; To Open Bids Jan. 21

Bids for the second contract in the Yerba Buena Island roadway program were invited last week by the U. S. Engineer office in San Francisco, with proposals scheduled for opening January 21.

Approximately \$235,000 is available for the project, according to Lt.-Col. J. A. Dorst, District Engineer.

Work involves construction of a roadway, with the exception of sub-grade preparation and paving, in a five-part grade separation structure, for a length of about 993 feet from the southern end of the recently completed portion of the road to the San Francisco-Oakland Bay Bridge.

In addition to the grade separation roadway, work will include continuation of the embankment about 890 feet along the causeway between the Island and the shoals fill to the north; and painting the exterior face of the wall board sheathing on certain of the existing trestles.

Principal Items

Among major bidding items are 4.5 acres clearing and grubbing; 78,900 cubic yards of unclassified roadway excavation; 1,586,000 station yards overhaul; 500 cu. yds. rock fill; 1,750 cubic yards Class A concrete; 198,000 pounds reinforcing steel; 760,000 pounds structural steel; 1,154,000 ft. of timber structures; 35,000 square feet of wall-board sheathing; 29,000 ft. of timber cribs; painting work; furnishing and laying corrugated metal pipe, and relocation of an existing sewer line.

Should cost of the work exceed available funds, progressive obligations have been arranged for in the specifications.

Orders for oil storage tanks during October, 1937, amounted to 13,002 short tons, a substantial increase over orders for 6,632 short tons taken during October, 1936, according to the Bureau of Census.

Shipments of domestic water softening apparatus for the first ten months of 1937 amounted to 10,796 units, as compared to shipments of 9,384 units during the same period in 1936, the Bureau of Census announces.

worth of machinery was bought, while \$90,032,332 went into transportation equipment, including land, water and air. Miscellaneous items such as coal, electric wiring and fixtures, furniture, paving materials, plumbing supplies, roofing materials, and the like accounted for \$228,811,606.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
365-7	G. G. Inv. Co.	Cornblum	4000
368-9	Doelger	Owner	3500
370-3	Doelger	Owner	4000
374	Hentrich	Miller	1000
375	Nelson	Owner	6000
376	Rousseau	Owner	12000
377	Brooke	Owner	3000
378-80	Carraro	Owner	2900
381	Iversen	Happy Home	3500
382	Rimpf	Bettencourt	4500
383	Ruegg	Owner	5000
384	.....	Brumfield	1990
385	Coughlin	Barrett	20000
386	Florsheim	Mullen	7000
387	Granara	Owner	3500
388	Haffemayer	Faggioni	7000
389	Lindsay	Owner	3800
390	Lindsay	Owner	4000
391	Rousseau	Owner	6000
392	Rousseau	Owner	6000
393	Sorensen	Christensen	5000
394	Welter	Owner	1800
395	Wolter	Owner	5000
395-7	Doelger	Owner	5000
398	Harrigan	Owner	9000
399	McLaughlin	Sartorio	2000
400	Norton	Malloch	6000
401	Rush	Mullen	4000

DWELLING
 (365) W 32nd AVE, 270 S Quintara.
 One - story and basement frame dwelling.
 Owner—Golden Gate Investment Co., 2190 33rd Avenue.
 Contractor—Edward Cornblum, 2 2 0 0 47th Avenue.
 Architect—Not Given. \$4,000

(366) W 32nd AVE, 210 S Quintara.
 One - story and basement frame dwelling.
 Owner—Golden Gate Investment Co., 2190 33rd Avenue.
 Contractor—Edward Cornblum, 2 2 0 0 47th Avenue.
 Architect—Not Given. \$4,000

DWELLING
 (367) W 32nd AVE, 240 S Quintara.
 One - story and basement frame dwelling.
 Owner—Golden Gate Investment Co., 2190 33rd Avenue.
 Contractor—Edward Cornblum, 2 2 0 0 47th Avenue.
 Architect—Not Given. \$4,000

DWELLING
 (368) W 20TH AVE., 100 S MORA-GA.
 One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (369) W 20TH AVE., 125 S MORA-GA.
 One - story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (370) W 17TH AVE., 325 N ORTEGA ST.
 One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

DWELLING
 (371) W 17TH AVE., 150 N ORTEGA ST.
 One - story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

(372) W 17TH AVE., 300 N ORTEGA.
 One - story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

DWELLING
 (373) W 17TH AVE., 175 N ORTEGA ST.
 One - story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

ALTERATIONS
 (374) 3740 SACRAMENTO STREET.
 Alter dwelling.
 Owner—L. Hentrich, Prem.
 Contractor—Miller & McGillis, 4444 Geary Blvd.
 Architect—Not Given. \$1000

DWELLING
 (375) NE VILLA TERR, 106 SE OF PEMBERTON PL.
 Two-story & basement frame dwelling.
 Owner—Fernando Nelson & Sons, 2919 19th Ave.
 Architect—Not Given. \$6000

DWELLING
 (376) N BEACH ST., 137 W DIVISADERO ST.
 Two-story & basement frame dwelling.
 Owner—Oliver M. Rousseau, 321 Kearny St.
 Architect—Wm. Gunnison, 251 Kearny St. \$12,000

DWELLING
 (377) E ANDOVER 100 S Thompkins.
 One - story and basement frame dwelling.
 Owner & Builder—Barton L. Brooke, 143 Cortland.
 Architect—Not Given. \$3,000

DWELLING
 (378) S OAKDALE 150 W Keith.
 One - story frame dwelling.
 Owner and Builder—G. Carraro and Sons, 750 Felton Street.
 Architect—Not Given. \$2,900

DWELLING
 (379) S OAKDALE 125 West Keith.
 One - story frame dwelling.
 Owner and Builder—G. Carraro and Sons, 750 Felton Street.
 Architect—Not Given. \$2,900

DWELLING
 (380) S OAKDALE 175 West Keith.
 One - story frame dwelling.
 Owner and Builder—G. Carraro and Sons, 750 Felton Street.
 Architect—Not Given. \$2,900

DWELLING
 (381) E 30th AVE, 525 N Rivera.
 One - story and basement frame dwelling.
 Owner—C. E. Iversen, Hearst Bldg. Contractor—Happy Homes Bldg. Co., 2194 30th Avenue.
 Architect—Not Given. \$3,500

COMMERCIAL BLDG.
 (382) N BRANNAN 206 E Third St.
 One-story Closs commercial.
 Owner—Herman Rimpf, 712 Cross Rd Burlingame.
 Contractor—Jos. Bettencourt, 422 San Anselmo Ave.
 Architect—Not Given. \$4,500

DWELLING
 (383) E DESMOND 222 N Sunnysdale.
 One - story and basement frame dwelling.
 Owner and Builder—The Ruegg Co., 369 Pine Street.

Architect—A. H. Larsen, 333 Kearny Street. \$5,000

SIGN
 (384) SW 18th and MISSION STS.
 Electric sign.
 Owner—Not Given.
 Contractor—Brumfield Elec. Sign Co., 965 Folsom St.
 Architect—Not Given. \$1,990

GARAGE
 (385) SW TENNESSEE and Mariposa.
 One-story Class C garage.
 Owner—James C. Coughlin, 625 Brannan Street.
 Contractor—Barrett & Hhp, 918 Harrison Street.
 Engineer—Mac D. Perkins, Berkeley. \$20,000

ALTERATIONS
 (386) 884 MARKET ST.
 Alter store.
 Owner—Florsheim Shoe Co., 756 Market Street.
 Contractor—Mullen Manufacturing Co., 60 Rausch St.
 Architect—Not Given. \$7,000

DWELLING
 (387) W LOEHR 188 S Visitation.
 One - story and basement frame dwelling.
 Owner and Builder—A. Granara, 122 Britton Street.
 Architect—Not Given. \$3,500

DWELLING & STORE
 (388) NW BAYSHORE BLVD. and Meade St.
 Two-story and basement dwelling and store.
 Owner—Daniel E. Haffemayer, 1547 Revere Avenue.
 Contractor—C. A. Faggioni and J. Barsotti, 1567 Revere Avenue.
 Architect—Not Given. \$7,000

DWELLING
 (389) W 30th AVE, 100 S Lawton.
 One - story and basement frame dwelling.
 Owner and Builder—C. T. Lindsay, 820 Taraval Street.
 Architect—Not Given. \$3,800

DWELLING
 (390) W 30th AVE, 125 S Lawton.
 One - story and basement frame dwelling.
 Owner and Builder—C. T. Lindsay, 820 Taraval Street.
 Architect—Not Given. \$4,000

DWELLING
 (391) NE COR TEMESCAL Terrace and Golden Gate Ave.
 Two-story frame dwelling.
 Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
 Architect—Not Given. \$6,000

DWELLING
 (392) NW TEMESCAL TERRACE and Golden Gate Ave.
 Two-story frame dwelling.
 Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
 Architect—Not Given. \$6,000

DWELLING
 (393) W HAMILTON 100 S Bacon.
 One - story and basement frame dwelling.
 Owner—W. J. Sorensen, 42 Dwight Street.
 Contractor—Herman Christensen, 1801 18th Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$5000

ALTERATIONS
 (394) NW 23rd and MISSION STS.
 Alter stores and market.

Owner and Contractor—John J. Wel-
ter, 50 Laguna St.
Architect—Not Given. \$1,800

DWELLING
(395) E FERNWOOD 199 N Rose-
wood. One-story and basement
frame dwelling.

Owner and Builder—Paul A. Wolter,
Jr., 90 Ravenwood Drive.

Architect—A. H. Larsen, 333 Kearny
Street. \$5,000

DWELLING
(395) E. 16TH AVE., 527 S ORTE-
GA. One-story and basement
frame dwelling.

Owner—Henry Doelger Bldr., Inc., 320
Judah St.
Architect—Not Given. \$5000

DWELLING
(396) E. 16TH AVE., 492 S ORTE-
GA. One-story and basement
frame dwelling.

Owner—Henry Doelger Bldr. Inc., 320
Judah St.
Architect—Not Given. \$5000

DWELLING
(397) E. 16TH AVE., 457 S. ORTE-
GA. One-story and basement
frame dwelling.

Owner—Henry Doelger Bldr., Inc., 320
Judah St.
Architect—Not Given. \$5000

STORE
(398) SW 12TH AND STEVENSON.
Two-story Class C store.

Owner—Harrigan & Weidenmuller,
344 Kearny St.
Architect—Robert A. Hanson, 680
Indiana. \$9,000

ALTERATIONS
(399) 657 MISSION ST. Alter ware-
house and offices.

Owner—E. McLaughlin Estate Co.,
251 Kearny St.

Contractor—Peter Sartorio, 369 Pine
St.

Engineer—Erle Osborne, 251 Kearny
St.
Architect—Not Given. \$2000

STORES
(400) NE McALLISTER AND LA-
GUNA. One-story frame stores.

Owner—Lewis M. Norton, Russ Bldg.
Contractor—J. S. Malloch, 666 Mis-
sion St.

Architect—W. H. Ellison, Pacific
Bldg. \$6000

ALTERATIONS
(401) 82 FIRST ST. Alter cafe.

Owner—T. F. Rush, Prem.
Contractor—Mullen Mfg. Co., 60
Rausch St.

Architect—Not Given. \$4000

ALAMEDA COUNTY

No. Owner	Contractor	Amt.
482 Smit	McCausland	5000
483 Heraty	Jensen	2300
484 Owens	Owner	132000
485 Brasch	Owner	5000
486 Suendermann	Owner	3750
487 Astin	Hoffman	6250
488 Pajor	Owner	1200
489 Kelman	Owner	8500
490 Marinoni	Van Aalst	2400
491 Maxwell	Allen	1250
492 Calif. Gold. St.	Petersen	31000
493 Johnston	Owner	5000
494 Kesti	Owner	4500
495 Manchester	Moore	2000
496 Miller	Bisdon	6000
497 Pfrang	Owner	6500
498 American	Owner	2100
499 S F Sulphur	Lindgren	1500
500 Brooks	Peterson	3500
501 Haller	Owner	6000
502 Koenig	Nichols	3475
503 Torchia	Silva	7900

505 Legris
506 Lurie
507 Pollard

Owner 3500
Cahill 10000
Owner 3500

Contractor—F. E. Allen, 1918 Prince.
Architect—Not Given. \$1250

REPAIRS
(481) 140 OLIVE AVE., PIEDMONT
Fire repairs.

Owner—Roger Sears, 235 Pacific Ave.
Contractor—Wm. A. Rose, 478 25th
St., Oakland.

Architect—Not Given. \$1900

DWELLING
(482) 1612 FAIRVIEW, BERKELEY
One-story 6-room frame dwel-
ling and garage.

Owner—I. J. Smit, 5505 Telegraph.
Contractor—McCausland & Brown,
5662 Dover, Oakland.

Architect—Not Given. \$5000

DWELLING
(483) 225 CAPRICORN AVE., OAK-
LAND. One-story 4-room dwel-
ling.

Owner—Phil Heraty, 488 Fairbanks
Ave.
Contractor—H. K. Jensen, 2757 Raw-
son St.

Also 1-story garage, \$200.
Architect—Not Given. \$2300

WAREHOUSE
(484) 4000 ALAMEDA AVE., OAK-
LAND. One-story steel ware-
house.

Owner & Builder—Owens-Illinois Pa-
cific Coast Co., 4000 Alameda
Avenue.

Architect—H. J. Brunner, 612 Sha-
ron Bldg., San Francisco. \$132,000

DWELLING
(485) 1426 LINCOLN, BERKELEY.
Two-story 6-room frame dwel-
ling and garage.

Owner & Builder—M. G. Brasch, 1600
M. Blvd., Oakland.

Architect—Not Given. \$5000

FACTORY
(486) 1000 ASHBY, BERKELEY.
One-story brick factory.

Owner & Builder—Otto A. Suender-
mann, 921 University Ave.

Architect—Not Given. \$3750

AUTO COURT
(487) 8100 FOOTHILL BLVD., OAK-
LAND. One-story 7-room auto
court.

Owner—Beulah D. Austin, 8144 Foot-
hill Blvd.

Contractor—E. F. Hoffman, 8144
Foothill Blvd.

Also 1-story 8-room auto court,
\$6250.
Architect—Not Given. \$6250

DWELLING
(488) 1015 90TH AVE., OAKLAND.
One-story 3-room dwelling.

Owner & Builder—Joseph Pajor, 1454
8th St.

Also 1-story frame garage, \$150.
Architect—Not Given. \$1200

DUPLEX
(489) 2520 HILGARD, BERKELEY.
12-room duplex and garage.

Owner & Builder—J. A. Kelman, 3099
Telegraph.

Architect—Kelman & Will, 1655 Eu-
clid. \$8800

DWELLING
(490) 2112 TENTH ST., BERKE-
LEY. One-story 4-room frame
dwelling and garage.

Owner—G. Marlino, 1701 10th.
Contractor—W. Van Aalst, 608 16th.
Architect—Not Given. \$2400

ADDITION
(492) 601 FRANKLIN ST., OAK-
LAND. Three-story concrete &
tile addition.

Owner—Calif. Golden State Salam
Co., Prem.

Contractor—J. E. Petersen & Son,
4021 Agna Vista St.

Architect—R. F. Keefer, 585 Mandana
Blvd. \$31,000

DWELLING
(493) 15022 BROADWAY TERR.,
OAKLAND. Two-story 5-room
dwelling.

Owner & Builder—Jay R. Johnston,
2006 89th Ave.

Architect—Not Given. \$5000

DWELLING
(494) 1046 WARFIELD AVE., OAK-
LAND. One-story 6-room dwel-
ling.

Owner and Builder—David Kesti,
2217 Browning St., Berkeley.

Architect—Not Given. \$4800

ALTERATIONS
(495) 634 15TH ST., OAKLAND. Al-
terations.

Owner—The Manchester Hotel Co.,
Prem.

Contractor—The John J. Moore Co.,
359 Hobart St.

Architect—Not Given. \$2000

STORE BUILDING
(496) 6301 MTN. BLVD., OAKLAND
One-story frame store building.

Owner—H. S. Miller, Seminary Ave.
Contractor—Risden & Sons, 5977
Majestic.

Architect—Not Given. \$6500

DWELLING
(497) 5507 HARBORD DR., OAK-
LAND. One-story 6-room dwel-
ling.

Owner and Builder—C. J. Pfrang,
6463 Mystic St.

Architect—Not Given. \$6500

ADDITION
(498) 750 POTTER, BERKELEY.
Addition.

Owner and Contractor—American
Forge Co., 750 Potter.

Architect—Not Given. \$2,100

ALTERATIONS
(499) 836 HEINZ, BERKELEY. Al-
terations.

Owner—S. F. Sulphur Co., 636 Cal-
ifornia St., San Francisco.

Contractor—Lindgren and Swinerton,
Inc., Standard Oil Bldg., S. F.

Architect—Not Given. \$1,500

DWELLING
(500) 101 PALO SECO COURT, OAK-
LAND. One-story 3-room dwel-
ling.

Owner—L. A. Brooks, 3800 Park Blvd.
Contractor—Jack Peterson, 1125 Hop-
kins Street.

Architect—Macfarland, 400 High St.
\$3,500

DWELLING
(501) 5985 CONTRA COSTA ROAD,
OAKLAND. Two-story six-room
dwelling.

Owner and Builder—Paul H. Haller,
6221 Buena Vista Avenue.

Architect—Not Given. \$6,000

DWELLING
(502) 4624 STEELE ST., OAKLAND.
One-story 5-room dwelling.

Owner—M. L. Koenig, 1106 Broadway
Contractor—L. L. Nichols, 3800 Enos
Avenue.

Architect—Not Given. \$3,475

DWELLING
(503) 853-853-A-855-855-A 30th ST.,
OAKLAND. One-story 12-room 4-
family dwelling.

Owner—Josephine Torchia 6500 Whitney Street.
 Contractor—J. P. Silva, 870 46th St.
 Architect—Not Given. \$7,900

DWELLING
 (505) 3921 PATTERSON AVENUE, OAKLAND. One-story five-room dwelling.
 Owner & Builder—L. S. Lyris, 3307 Bona St.
 Architect—Not Given. \$3500

ALTERATIONS & ADDITIONS
 (506) 1522-34 SAN PABLO AVE., OAKLAND. Alterations and additions.
 Owner—The Robert A. Lurle Co., 1540 San Pablo Ave.
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.
 Architect—W. D. Peugh, 333 Montgomery St., San Francisco. \$10,000

DWELLING
 (507) 4833 HARBORD DR., OAKLAND. Two-story 5-room dwelling.
 Owner & Builder—A. J. Pollard, 77 Plaza Dr., Berkeley.
 Also 1-story garage, \$250.
 Architect—Not Given. \$3500

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
149 Matthews	Elliott	4700

DWELLING
 (149) LOT 181 FORESTLAND, Oakland. One-story 5-room dwelling.
 Owner—Harry J. Mathews, 1511 Jackson St., Oakland.
 Contractor—W. H. Elliott, 6015 Contra Costa Rd., Oakland.
 Filed, Jan. 3, '38. Dated, Nov. 30, '37.
 Foundation in, floor joists set.....20%
 Roof on20%
 Plastered20%
 Completion20%
 Usual 35 days20%
TOTAL COST, \$4,700.00

Bonds: Performance, \$4700; Material and Labor, \$2350. Sureties, Pacific Indemnity Co. Limit, 120 days. Plans and specifications filed.

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
235 Pacific States	Sartorius	3522
236 Mtn. View Cem.	Stewart	3650
237 Crowe	Herison	23058

BRONZE WORK
 (235) SW THIRD and Market Sts. Ornamental bronze work on bldg. alteration.

Owner—Pacific States Savings and Loan Co., 745 Market St.
 Architect—Albert F. Roller, Crocker First National Bank Bldg.

Contractor—Sartorius Co., Inc., 2530 18th St.

Filed, Jan. 3, '38. Dated, Nov. 22, '37.
 On 10th of each month.....85%
 Usual 35 days.....15%
TOTAL COST, \$3,522

Bond, \$1,761. Pacific Indemnity Co. Limit, 60 days. Plans and specifications filed.

HEATING SYSTEM
 (236) 182 SECOND ST. Low-pressure steam heating system for office and loft building.

Owner—Mountain View Cemetery Association of Oakland.
 Architect—W. P. Day.
 Contractor—O'Mara & Stewart.
 Filed Jan. 4, '38. Dated Dec. 29, '37.
 75% 15th each month.
 25% usual 35 days.

TOTAL COST, \$3,650.00

Bond, \$1825. Surety, Fidelity & Deposit Co. of Maryland. Limit, Feb. 10. Plans and specifications filed.

ALTERATIONS
 (237) NE GOLDEN GATE & VAN NESS AVES. Alter 1-story store, loft and hotel building.

Owner—M. H. Crowe, an indiv., dba Crowe Tire Co.
 Contractor—Louis A. Herison, 756 Fourth Ave.
 Filed Jan. 5, '38. Dated Dec. 18, '37.
 25% usual 35 days.
 75% on completion;

TOTAL COST, \$23,058.00
 Bond, \$23,600. Surety, U. S. Fidelity & Guaranty Co.

**SAN FRANCISCO CO. PERMITS
 UNDER \$1000**

ALTER flats, \$500; 705 Florida St.; owner, Mr. Fregulia, prem.; contractor, Pearson & Johnson, 2031 Bryant St.

SIGN, electric, \$130; 189 Church St.; owner, Thos. Doyle, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$140; 1775 Market St.; owner, General Paint Corp., 1775 Market St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$100; 237 3rd Street; owner, M. Monroe, prem.; contractor, Standard Neon Mfg. Co., 1189 Turk St.

GARAGE, 1-story frame, \$100; 928 17th St.; owner, T. Kolsberg, 3923 17th St.

ALTER restaurant, \$200; 1030 Kearny St.; owner, S. Puccinelli, prem.

SIGN, electric, \$25; 608 Sacramento; owner, R. S. Fourcade, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

REINF. tank, \$150; NW Mission and Ecker; owner, L. H. Allyn, c/o contractor; contractor, Phoenix-Simpton Co., 520 6th St.

BILLBOARD, \$13; SW Fillmore and Cervantes Blvd.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$100; 254 Clement St.; owner, Sam Caprano, premises; contractor, QRS Neon Corp., 690 Potrero Ave.

SIGN, electric, \$200; 896 Post Street; owner, Mr. Cochran, prem.; contractor, Standard Neon Mfg. Co., 1189 Turk St.

ALTER dwelling, \$150; 323 Prospect Lane; owner, M. Guglielmo, 3621 Army St.

ALTER dwelling, \$200; 3917 Folsom; owner, G. Sanfilippo, premises.

SIGN, electric, \$300; 1900 Market St. owner, Laurie Uptown Drugs, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER club, \$750; 360 O'Farrell St.; owner, Delaware Club, Inc., 360 O'Farrell St.; contractor, Mullen Mfg. Co., 60 Rausch St.

SIGN, electric, \$150; 690 25th Ave.; owner, Rydens Super Service Sta. premises; contractor, Elec. Prod. Corp., 910 Harrison St.

FLUE, \$35; 800-06 Cole St.; owner, A. Goodshnokoff, prem.; contractor, Empire Heating Co., 2707 Geary St.

SIGN, electric, \$130; 1034 Taraval; owner, Miller Sisters, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$130; 673 Monterey Blvd.; owner, Paramount Food Shop, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.

FLUES, \$20; 88 Conking St.; owner, Frank Cauteang, 1580 Thames Ave.; contractor, P. L. Perlini, 325 Wayland St.

ALTER restaurant, \$475; 2526 Lombard St.; owner, N. W. Marofsis, 2530 Lombard St.
SIGN, electric, \$25; 608 Sacramento; owner, R. S. Fourcade, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$150; 1502 Shotwell St.; owner, Robert E. Herbert, 759 Capp St.

SIGN, \$40; SE California St. and 5th Ave.; owner, Tide Water Associated Oil Co., 79 New Montgomery St., contractor, Aetna Const. Co., 1730 24th Avenue.

SIGN, \$40.00; NE Oakdale and Third St.; owner, Tide Water Associated Oil Co., 79 New Montgomery St.; contractor, Aetna Const. Co., 1730 24th Avenue.

SIGN, \$40; NW Bayshore and Sunny-vale; owner, Tide Water Associated Oil Co., 79 New Montgomery St.; contractor, Aetna Const. Co., 1730 24th Avenue.

ALTER office, \$950; 5000 Geary St.; owner, Davis Realty Co., prem.; architect, Conrad T. Kett, 519 California St.

ALTER dwelling, \$298; 125 Hazel-wood Ave.; owner, Dr. E. Holman, 722 Funston Ave.; contractor, H. J. Davies Co., 3846 Geary.

ALTER stores and offices, \$400; 326 Market St.; owner, Fioli, Inc., 320 Market St.; contractor, C. P. W. Jensen & Sons, Inc., premises; architect, F. E. Lloyd, 360 Pine.

SIGN, electric, \$100; 151 Powell St.; owner, Herbert's Cafe, premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.

ALTER flats, \$400; 3257 Pierce St.; owner, Zita Para, premises; contractor, Frank Norcia, 2223 25th Avenue.

SIGN, electric, \$500; SE Golden Gate and Van Ness Aves.; owner, Don Gilmore, Inc., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

FLUE, \$35; 265 Taylor St.; owner, Glasshouse Sandwich Shop, 265 Taylor St.; contractor, General Fixture Co., 953 Mission St.

FLUE, \$30; 542 18th Ave.; owner, C. Schutz, 5709 Geary Blvd.; contractor, I. Epp, 4745 Geary Blvd.

SIGN, electric, \$500; SE Golden Gate and Van Ness Aves.; owner, Don Gilmore, Inc., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

GARAGE, 1-story frame, \$100; North Cortland 50 W Elsie; owner, B. L. Brooke, 143 Cortland.

ALTER store, \$200; 1749 Buchanan; owner, M. Stanton, 1739 Grove; contractor, D. Seighen & Co., 35 Cook St.

ALTER store, \$850; SE Market and 2nd Sts.; owner, E. N. Fitz, 1100 Sacramento; architect, Conrad T. Kett, 519 California St.

BILLBOARD, \$7; NW California and Baker Sts.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$200; 163 Market St.; owner, Bay Loan Co., premises; contractor Wonderlite Neon Prod. Co., 170 Otis St.

FLUE, \$15; 1461 Innes Ave.; owner, Mrs. Lawless, premises; contractor, Excelsior Furnace and Sheet Metal Co., 22 Ocean Ave.

ALTER garage, \$200; 248 Hazelwood; owner, C. W. Benedict, premises; contractor, Adolph Anderson, 230 Hazelwood Ave.

SIGN, electric, \$100; 1859 Divisadero; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison Street.

SIGN, elec., \$100; SE 19th and Judah; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison Street.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Warehouses and Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Bldgs. |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Preparing Preliminary Plans
DUPLEX APTS. Cost, \$.....
SAN FRANCISCO.

Two 4-room apartments (stucco outside, plaster inside, hardwood floors and tile baths)

Owner—Withheld.
 Architect—Alfred C. Williams, 2905 Dwight Way, Berkeley. 1

4—FACTORIES & WAREHOUSES

WORK STARTED

BEVERLY HILLS, Los Angeles Co., Cal.—Halper-Robbin Corp., 560 Paramount Bldg., Los Angeles, has started construction of a two-story tailor shop and shop building at 303 N Rodeo Drive, Beverly Hills, for Watson & Son; 120x50 ft. in area, reinforced concrete and brick construction, shingle tile and composition roof, concrete and wood floors, steel sash, sheet metal, skylights, Neon lights, glass brick. Cost, \$45,000. Plummer, Wurdeman & Becket, architects, 1400 Pacific Finance Bldg. Los Angeles. J. J. Rees, structural engineer. Sub-trade bids are being taken at the building site. 4

Sub-Contract Awarded
PRODUCTS TERMINAL BLDG.
 Contract Price, \$48,748
SAN FRANCISCO. Berry Street bet. Third St. and the Embarcadero.

Approx. 48,000 sq. ft. foundations for an addition to the Products Terminal Bldg. Work will include grading, pile driving and concrete work. Bids will be asked later for construction of the building. Original plans called for the construction of a third story to existing building, but now call for an addition in back of present building.

Owner—State of California Board of Harbor Commissioners) Ferry Building.

Engineer—Frank G. White, Ferry Building.

Contractor—Monson Bros., 475 Sixth Street.

Reinforcing Steel—Soule Steel Co., 1750 Army Street.

6—GARAGES & SERVICE STATIONS

Sub Contracts Awarded
SERVICE STATION Cost, \$5,000
SAN FRANCISCO. SW Bayshore and Alemany Blvd.

New steel gasoline service station. Owner—Shell Oil Company.

Plans by L. M. White, 100 Bush St. Engineer—E. M. Davidson, 100 Bush Street.

Contractor—Love & Haun, 4354 20th St., San Francisco.

Plumbing—A. Ramazzotti, 1473 Val-lejo St.

Electric Wiring—Stone-Ryals Electric & Mfg. Co., 470 Natoma St.

Lumber—Albee & Detmann Lumber Co., 2000 Evans Ave.

Mill Work—Portman's Planing Mill, 1618 Mission St.

Hardware—Wolfe Lumber & Hardware Co., 2299 Folsom St.

Concrete—Bode Gravel Co., 235 Al-hama St.

All of San Francisco. 6

7—FEDERAL BUILDINGS

Contract Awarded
OFFICERS' AND N.C.O. QUARTERS

Contract Price, \$784,300
HICKAM FIELD, T. H.

Construct and complete 42 sets of N. C. O. Quarters (37 buildings),

estimated cost, \$352,000; 39 sets of Field and Company Officers' Quarters (39 buildings), estimated cost, \$598,000, together with all utilities thereto.

Owner—U. S. Government (Capt. H. E. Nurse, Constructing Quartermaster).

Plans prepared by Office of Quartermaster General, Constructing Division, Washington, D. C.

Contractor—Robert E. McKee, 1128 Central Bldg., Los Angeles.

MATERIALS APPROVED

LOS ANGELES, Cal.—Treasury Department approved following bldg. material and equipment awards for the construction of the U. S. Post Office and Courthouse at Los Angeles: Contractor, Geo. A. Fuller Co.; Brass pipe, Amer. Brass Co., in lieu of previous approval. 7

BIDS OPENED

SEATTLE, Wash.—McManana & Co., Seattle, Wash., at \$46,800, submitted low bid to the Navy Department for improvements to the Power Plant, Naval Air Station, Seattle, under Spec. 5559.

Only other bid submitted by C. C. Moore & Co., San Francisco, at \$47,496. (C. C. Moore & Co. also submitted an alternate proposal of \$42,425.) 7

BIDS WANTED

SANTA BARBARA, Calif.—Until Jan. 21, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington D. C., for flagstone walk, etc., at the U. S. Post Office at Santa Barbara.

Drawing and specifications not exceeding one set may be obtained from the custodian of the building.

Complete Bids

POST OFFICE Cost, \$.....
ALAMOGORDO, Otero Co., N. M.

United States Post Office.

Owner—United States Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Low Bidder—J. J. Fritch, Dallas, Tex. \$81,775.

Complete bids follow:

J. J. Fritch, Dallas, Texas: (Item 1) \$51,775; (Alt. A) add \$1,100.

Algernon Blarr, Montgomery, Ala.: \$57,129; \$1,000.

Robert E. McKee, El Paso, Texas: \$85,600; \$1,000.

Lundberg Richter Co., Inc., Salina,

Kan.: \$89,780; \$800.

Lembke Const. Co., Albuquerque, N. M.: \$90,998; \$1,020.

Templeton-Cannon, An Angelo, Tex.: \$91,318; \$1,000.

Yarborough Const. Co., Austin, Tex.: \$93,333; \$1,150.

James I. Barnes, Springfield, Mo.: \$96,426; \$700.

L. F. Dow Co., Los Angeles: \$97,000; \$1,200.

E. and E. J. Protzer, Philadelphia: \$97,200; \$1,500.

Helfin & Fritch, Artesia, N. M.: \$99,978; \$1,200.

Wicks Engr. & Const. Co., Des Moines Iowa: \$102,480; \$1,000. 7

Bids Wanted—To Open February 15 IMMIGRATION STATION

Est. Cost, \$575,000
LOS ANGELES, Calif.

Construction of Federal Immigration and Naturalization Station Bldg.

Owner—United States Government. Plans by Treasury Dept. Supervising Architect, Washington, D. C. 7

BIDS OPENED

LOS ANGELES, Cal.—Los Angeles Wrecking Co., 810 E. 9th St., offered to remove buildings and pay the government \$225 for the privilege of clearing certain portions of the site of the proposed new U. S. Parcel Post building to be built on the NE corner of Macy and Alameda Sts., Los Angeles. Lee Mead Wrecking Co. asked \$100 for performing the work, and Cleveland Wrecking Co. asked \$590. Work involves removing about ten wood buildings.

Site Selection
POST OFFICE Cost, \$.....
LYNWOOD, Los Angeles Co., Calif.

NE Corner of Beachwood Drive and Long Beach Blvd.

United States Post Office site (185x 100-ft.)

Owner—United States Government. Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Property submitted by Florence M. Pound, et al., Cost, \$10,300. 7

CONTRACT AWARDED

LAKEVIEW, Oregon.—Washington Ornamental Co., Inc., 1313 13th St. NW, Washington, D. C., at \$110, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models at the U. S. Post Office at Lakeview. 7

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the Procurement Division, Public Buildings Branch, Washington, D. C., for clearing certain portions of the site of the proposed new U. S. Parcel Post Bldg., at Los Angeles.

Los Angeles Wrecking Co., Inc., Los Angeles—(B) \$225.

Lee Mead Wrecking Co., Bell, Cal.—(A) \$100.

Cleveland Wrecking Co., Cleveland, Ohio—(A) \$590. 7

BIDS WANTED

SAN DIEGO, Cal.—Until Jan. 11, A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for Galley, Bakery and Cold Storage Equipment at the Naval Operating Base (Air Station), San Diego, under Spec. 8553.

Estimated cost, \$90,000. Work includes the furnishing and

installing of following: (1) Galley, cafeteria, accessory equipment and certain piping and electrical connections; (2) bakery equipment and certain piping and electrical connections (3) cold-storage plant and certain piping and electrical connections. Bids will be received on parts separately and on combinations of parts.

Bidding data obtainable from the above office upon deposit of \$10.00, check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Until Feb. 16, bids are being received at the Bureau of Yards & Docks, Navy Department, Washington, D. C. for motor - driven pumps, piping, plumbing, and air-conditioning apparatus for dry dock at the Navy Yard, Mare Island. Spec. 8516 drawings may be obtained at the Bureau or the Commandant, Navy Yard, Mare Island, upon deposit of a check or postal money order for \$25, payable to the Chief of the Bureau of Yards & Docks. Estimated cost, \$150,000.

Contract Awarded
REMODEL P. O. Cont. Pr., \$216,400
PASADENA, Los Angeles Co., Calif.
E. Colorado St. and Garfield Ave. Remodeling and additions to the U. S. Post Office.

Owner—United States Government.
Architect—Marston & Maybury, 25 S. Euclid Ave., Pasadena.
Contractor—James I. Barnes, Wilhoit Bldg., Springfield, Mo.

Contract Awarded
LIVERMORE, Alameda Co., Cal.—Carl N. Swenson Co., 355 Stockton Ave., San Jose, at \$79,900, awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for construction of an addition to Infirmary Bldg. No. 2, at Livermore, containing approximately 133,000 cubic feet.

Contract Awarded
SHERIDAN, Wyo. — Bellis Wire Works, Inc., 307 Scholes St., Brooklyn, N. Y., at \$17,850, awarded contract by the U. S. Veterans' Administration, Washington, D. C., for wire grilles for Buildings Nos. 3, 4, 7, 8, 9 and 71 at the Veterans' Facility, Sheridan. * 7

BIDS OPENED
BAKER, Ore. — Shockley Lumber Co., 2701 Court St., Baker, Oregon, at \$497, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Baker.

Complete bids follow:
Shockley Lbr. Co., 2701 Court St., Baker, Ore. \$497
Robbins Mfg. Co., Chicago, Ill. 499
Chamberlain Metal Weather Strip Co., Inc., Detroit, Mich. 603
Wm. A. Waters, Baker, Ore. 950

Low Bidders
AIR CORPS BARRACKS, ETC.
HICKAM FIELD, T. H.
Construct and complete four 123-man Air Corps Barracks, one 200-man Air Corps Barracks (Est. cost, \$660,000), and one Quartermaster Warehouse (Est. cost, \$110,000), together with all utilities thereto
Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General, Constructing Division, Washington, D. C.
Bids were received as follows: (1) Air Corps Barracks; (2) Quartermaster warehouse; and (3) combined price for Items (1) and (2).
Three low bids received at Fort

Mason, San Francisco, follow:
Tucker McClure, 704 S. Spring St., Los Angeles—(1) \$811,600; (2) \$122,000; (3) \$922,000.
MacDonald Constr. Co., St. Louis, Mo.—(1) \$338,533; (2) \$112,856; (3) \$951,428.

Robert E. McKee, Los Angeles—(1) \$860,800; (2) \$111,600; (3) \$970,000.
Three low bids received at Hickam Field follow:

Tucker McClure, Canal Zone—\$811,600.
Pioneer Constr. Co., Seattle, Wash.—\$823,000.
MacDonald Constr. Co., St. Louis, Mo.—\$338,533.

LATE BIDDER

PHOENIX, Ariz.—Viking Construction Co., New York City, submitted following late bid for remodeling the Old Federal Building at Phoenix: Item I, \$189,377; Alt. (a) add \$7,300; Alt. (b) ded. \$3,200; Alt. (c) ded. \$1,200.
Complete bids published Dec. 28, 1937.

BIDS OPENED

UKIAH, Mendocino Co., Cal.—Robt. McCarthy, 1363 14th Ave., San Francisco, at \$478.00, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of sidewalk and street curb at the U. S. P. O. at Ukiah.

Complete bids follow:
Robert McCarthy, S. F. \$478.00
Spaletta & Seri, Santa Rosa. 489.00
Nick Hemminga, S. F. 498.75
George Goodhart, Colusa. 540.00
H. L. Grohne, Decatur, Ill. 625.00
De Luca & Son, Inc., S. F. 695.00

Site Selection
POST OFFICE Cost, \$122,800
LOS ANGELES, Calif. (Belvedere-Gardena Branch), NE corner of Atlantic Blvd. and Vernon St.
U. S. Post Office.
Owner—U. S. Government.
Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.
Property submitted by G. C. Posey and L. H. & N. Sundberg; dimensions 165x125; cost of site, \$15,000.

Bids Wanted—To Close February 15, 1 P. M.
IMMIGRATION STATION
Estimated Cost, \$575,000
SAN PEDRO, Los Angeles Co., Cal. Reservation Point.

Three-story and basement, Class A Federal Immigration & Naturalization Station (164x93-ft.) reinforced concrete walls and floors, tile roof, exposed concrete exterior, steel sash, metal trim, steam heating system to house office, waiting rooms, dormitories, detention rooms, dining room, kitchen, recreation room and hospital ward.

Owner—United States Government.
Plans by Treasury Dept. Supervising Architect, Washington, D. C.
Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

BID CALL WITHDRAWN
BREMERTON, Wash. — The Procurement Division, Public Buildings Branch, Washington, D. C., has withdrawn from the market a call for bids for insect screens in the U. S. P. O. at Bremerton.
Bids were scheduled to have been opened December 22. 7

8— CLUB BUILDINGS

COMPLETE BIDS
CLUB HOUSE
SANTA CRUZ, Santa Cruz Co., Cal.

Mission Street.
Club house, containing auditorium, stage, lounge, kitchen, storage space.
Owner — Santa Cruz Women's Club (Mrs. Geo. P. Butler, Chairman).
Architect—C. J. Ryland, Carmel and Monterey.

Low Bidder—F. C. Stolte Co., 1405 San Antonio Ave., Alameda — \$16,570.

Other bidders were:
Lewis L. Wilson, Sta. Cruz, \$16,641.00
George Wilson 16,874.00
D. Coons 17,480.00
C. M. Doane 17,933.60
Darrow Palmer 18,440.00
Wm. T. Winkel 18,956.00
J. R. McGranahan 19,654.00

9— HOSPITALS

Sub-Contracts Awarded
HOSPITAL BLDG. Cost, \$.....
STOCKTON STATE HOSPITAL, San Joaquin County, Calif.

Two - story reinforced concrete unit for acute disturbed females (steel sash, tile roof).

Owner—State of California.
Architect—Geo. B. McDougall, State Architects, Public Works Building, 12th and N Sts., Sacramento.
Separate bids will be received as follows: General work; Heating and ventilating; Plumbing Work, and Electric work.

Contractor—Villadsen Bros., Inc., 354 Hobart St., Oakland—\$129,600.
Electric Work—Eddy Elec. & Mech. Co., 309 E. Weber Ave., Stockton —\$7145.

Plumbing—Hateley & Hateley, 1714 10th St., Sacramento—\$15,772.
Heating and Ventilating—M. R. Carpenter, 907 Front St., Sacramento —\$17,478.

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 18, 2 p.m., bids will be received by the Los Angeles County Supervisors for roofing frame buildings at Olive View Sanatorium. Plans and specifications may be obtained from the mechanical engineer, tenth floor, Hall of Records.

PROPOSAL A
(a) Reroofing 29 buildings;
(b) Reroofing 27 buildings;
(c) Reroofing 25 buildings;
(d) Reroofing 23 buildings;
(e) Reroofing 21 buildings;
(f) Reroofing 19 buildings;
(g) Reroofing 17 buildings;
Using French or hexagonal type rigid asbestos shingles.
PROPOSAL B
(h) Reroofing 16 buildings, using Am. or straight tapered type rigid asbestos shingles. * 9

BIDS OPENED
CAMARILLO, Ventura Co., Cal.—Harvey A. Nichols, 936 E. Slausen Ave., Los Angeles, at \$76,202 submitted low general bid to State Architect George B. McDougall, Public Works Bldg., 12th and N Sts., Sacramento, for the erection and completion of Attendants' Quarters, Second Unit, Camarillo State Hospital, near Camarillo.

The Attendants' Quarters, Second Unit, consists of a two-story reinforced concrete building with steel sash and tile roof, and a reinforced concrete building with steel sash and tile roof, and a reinforced concrete garage unit.

Separate bids were received for the following: (1) General work; (2) Electrical work; (3) Plumbing work; (4) Heating and ventilating work.

Complete bids follow:
General Work
Harvey A. Nichols, L. A. \$76,202
Azevedo Const. Co., Sacramento, 78,506
Carlo Bongiovanni Const. Co.,

Hollywood	78,765
H. Mason, Los Angeles	78,855
R. J. Daum, Inglewood	80,000
Los Angeles Contr. Co. and C. G. Wapshall, Los Angeles	81,900
Louis A. Geisler, Huntington Park	87,900

Electric Work	
Coast Electric Co., 823 Santee St., Long Beach	\$3,895
Allan R. Ochs, Berkeley	4,257
Moore Electric Co., L. A.	4,626

Plumbing Work	
Kenneth Fraser, Pasadena	\$6,760
Traverse Riddell Co., L. A.	7,909
Scott Co., San Francisco	8,100
Johnson & Washer, L. A.	9,619
J. A. Fazio, Oakland	9,916
O. E. Ross, Long Beach	9,974

Heating and Ventilating	
Consolidated Htg. & Vent. Co., 1709 W 8th St., Los Angeles	\$7,466
Kenneth Fraser, Pasadena	7,862
E. K. Stoneman, Los Angeles	8,287
Traverse Riddell Co., L. A.	8,462
O. E. Ross, Long Beach	8,790
Johnson & Washer, Los Angeles	9,080
Scott Co., San Francisco	9,193

11—ICE AND COLD STORAGE PLANTS

CONTRACT AWARDED

RIALTO, San Bernardino Co., Cal.
 —Gay Engr. Corp., 2740 E 11th St., Los Angeles, has been awarded a contract for the erection and equipping of a pre-cooling plant in Rialto, San Bernardino county, for the Union Ice Co. Work will start at once. It will be a one-story and basement structure, 100x100-ft. in area, with concrete walls, mill type roof construction with 2-in. plank deck, 5-in. insulation and composition covering, wood floors, cold storage doors, two icing docks, 1500 ft. of fruit conveyers, 200 ft. of ice conveyors. The building and machinery will cost approximately \$70,000. 11

12— POWER PLANTS

Contract Awarded
FRESNO SUBSTATION Cost, \$.....
 FRESNO, Cal. G St., bet. Mariposa and Fresno Streets.

Substation.
 Owner—San Joaquin Light & Power Corp., c/o S. E. Hickman, Purchasing Mgr., 600 Power Bldg., Fresno.

Plans by Engrg. Dept. of Owner.
 Contractor—L. H. Hansen & Son, P. O. Box 519, Fresno.

Electric Work—Electric Constr. Co., P. O. Box 635.

Plastering—Wm. E. Smart, 3520 Illinois.

Painting—M. W. Hancock, 2635 Tuolumne.

Masonry—Harry M. Smith, 135 North Calaveras.

Glass and Glazing—W. P. Fuller & Co.

Plumbing and Sheet Metal—Victor J. Cox.

Steel Sash—Valley Glass Co., 2220 Inyo.

Kalamein Doors—Healey & Popovich, 1911 Merced.

Reinf. Steel and Msc. Iron—Kyle & Co., 346 G St.

Millwork—Fresno Planing Mill.

Lumber—Maiser Bros. Lumber Co., 1225 Roofing—C. E. McMullin Co., 1225 Broadway.

All of Fresno.

BIDS OPENED

ALTURAS, Modoc Co., Cal.—W. C. Tait, 883 Market St., San Francisco, at \$24,426 submitted low bid to the Surprise Valley Electrification Corp. of Alturas, for the construction of a brick and concrete power plant building, together with the necessary foundations to support machinery

and equipment to be furnished by others, near Alturas.

Plans prepared by Architect Theo. Ruegg, 251 Kearny St., San Francisco.

Complete bids follow

W. C. Tait, S. F.	\$24,426
Walker-Coudin Const. Co.	25,695
Lindgren and Swinerton, Inc. Sacramento	27,136
M. W. Cherry, Reno	27,390
J. P. Brennan, Berkeley	29,939

Bids held under advisement. (7846) 1st report Dec. 15; 2nd, Dec. 22, 1937. *

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED

SAN FRANCISCO, Cal.—Albert E. Mangs & Associates, 666 Mission St., at \$279, submitted low bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, for removing 15 feet from top of stack at Belmont Pumping Station and furnishing and installing stack hood.

Complete bids follow:

Albert E. Mangs & Assoc.	\$279
Farnsworth & Ruggles	293
Ocean Shore Iron Works	295.59
W. J. Tobin	489

(8904) 1st report Dec. 30, 1937. * 13

CONTRACTS AWARDED

SAN FRANCISCO—Schrader Iron Works, Inc. 1247 Harrison Street, at \$4250.00 (Prop. 1) and Soule Steel Co., 1750 Army St., at \$7926 were awarded contracts by the Department of Public Works, City Hall, for the construction of Identification Pent House on the Hall of Justice, Kearny St.

TO PREPARE PLANS

BAKERSFIELD, Kern Co., Cal.—Symmes & Willard Stanton Willard, architect, Haberfeld Bldg., Bakersfield, have been authorized by the Kern County Supervisors to prepare plans and specifications for a cooling system to be installed in the north end of the Kern County Courthouse.

Bids Wanted — To Close January 12, 3:00 P. M.

SCULPTURAL MODELS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Enlarging and casting in staff of Sculptural Models, Central Tower, and East Court, under Contract No. 128.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush Street. * 13

BIDS OPENED

CARSON CITY, Nevada.—Walker J. Boudvinn, Reno, at \$13,267, submitted low bid to the Nevada State Bd. of Control, Carson City, for remodeling of the old State Library bldg.

Complete bids were as follows:

Walker J. Boudvinn, Reno	\$13,267.00
Ray A. Burrows, Reno	14,383.00
H. F. Byars, Reno	15,176.50
J. C. Dillard, Reno	16,222.22
Sierra Constr. Co., Reno	16,398.00
Kent & Nelson, Reno	17,789.00

Award of contract probably will be made shortly. * 13

Low Bidder

SCULPTURAL MODELS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Enlarging and casting in staff of sculptural models, South Towers, South Court and North Long Court, under Contract No. 125.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St.
 Low Bidder—Herman Bosch, 2075 Folsom St., San Francisco.

Completing Plans

CITY POUND Est. Cost, \$13,000
SACRAMENTO, Sacramento Co., Cal.
 New city pound.

Owner—City of Sacramento.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Bids will be asked shortly.

Bids Opened
OFFICE BLDG. Cost, \$.....
MARYSVILLE, Yuba Co., Cal.

One-story wood frame office building with wood sash and the roof, for the Highway Patrol, Department of Motor Vehicles.

Owner—State of California.
 Architect — State Architect, Geo. B. McDougall, Public Works Bldg., Sacramento.

Low Bidder—Empire Constr. Co. Ltd., Russ Bldg., San Francisco—\$13,797.

Complete bids follow:

Empire Constr. Co., S. F.	\$13,797
C. S. Giles, Stockton	13,990
Oliver S. Almie, S. F.	13,986
Holdener Constr. Co., Sacto	14,200
Lindgren & Swinerton, Inc., Sacramento	14,763

Contract Awarded

SCULPTURAL MODELS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Enlarging and casting in staff of sculptural models, South Towers, South Court and North Long Court, under Contract No. 123.

Owner — San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.) 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco

Contractor—Herman Bosch, 2075 Folsom St., San Francisco.
 Contract price will not be announced.

14— RESIDENCES

Contract Awarded
CONVENT BLDG. Cont. Pr., \$21,500
SAN JUAN BAUTISTA, San Benito Co., Calif.

Marvin Gott.
 Owner—Bishop of Monterey - Fresno Counties.

Architect — Morrow & Morrow, de Young Bldg., San Francisco.

Contractor — P. T. Wallstrum, 854 Main St., Watsonville.
 (7839) 1st report Dec. 15, 1937. * 14

To Be Done By Day's Work
RESIDENCES Cost, \$5500 ea.
SAN FRANCISCO, E 16th St. 492, 457 and 527 S Ortega St.

Three one-story and basement frame residences.
 Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.
 Architect—Not Given. 14

Preparing Sketches
RESIDENCE Cost, \$.....
MORAGA, Contra Costa Co., Calif.

One-story 8-room residence.
 Owner—Withheld.
 Architect—J. E. Dinwiddie, 360 Pine St., San Francisco. * 14

Bids In—Held Under Advisement
COTTAGE Cost, \$.....
WOODSIDE, San Mateo Co., Cal.

Four-room cottage.
 Owner—Wobber Estate.
 Architect — Albert Schroepfer, 244 Kearny St., San Francisco.

Bids held under advisement. Announcement probably will be made shortly. * 14

ORINDA, Alameda Co., Calif.
Two - story frame and stucco residence and garage.
Owner—Withheld.
Architect—Miller and Warnecke, 1700 Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, \$5,500
AN FRANCISCO, E Desmond St. 222 North of Sunnydale.
One - story and basement frame residence.
Owner and Builder—The Ruegg Co., 369 Pine Street.
Architect—A. H. Larsen, 333 Kearny.

Contract Awarded
RESIDENCE AND STORE Cost, \$7,500
SAN FRANCISCO, NW Bayshore Blvd. and Meade St.
Two - story and basement frame residence and store.
Owner—D. E. Haffemayer, 1547 Revere Avenue.
Architect—Not Given.
Contractor—Faggioni & Barsotti, 1567 Revere Avenue. * 14

Sub-Contracts Awarded
ALTERATIONS Cost, \$12,000
OAKLAND, Alameda Co., Calif. 202 East 12th Street.
Alterations to residence to repair fire damage.
Owner—Wm. O. Wedgwood, 202 East 12th St., Oakland.
Architect—Not Given.
Contractor—Fred J. Eary, 366 40th St., Oakland.
Roofing—N. V. Heathorn Roofing Co. 1870 33th Ave.
Plumbing and Heating—Durant-Gilman Co., 1012 Webster Street.
Glass—Thos. Carter Glass Co., 333 9th Street.
Lumber—Hogan Lumber Co., Second and Alice Streets.
Mill Work—Atkinson Mill & Mfg. Co., 2955 Chapman St.
Painting—Cliff Gates, 808 52nd St.
Electric Wiring—T. L. Rosenberg Co. 411 Webster St. * 14
All of Oakland.

Bids In—Held Under Advisement
RESIDENCES Cost, \$.....
SAN FRANCISCO.
Two new residences.
Owner—R. J. Elkus and Eugene J. Elkus, c/o Architect.
Architect—Farr & Ward, 63 Post St. (7899) 1st rep. Dec. 23, 1937. * 14

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$5,500
RICHMOND, Contra Costa Co., Cal.
One and one-half - story frame and stucco residence (6 rooms) shingle roof, wood sash, gas floor furnaces.
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Avenue, Richmond.

To Be Done By Day's Work
RESIDENCE Cost, \$5,500
SAN FRANCISCO, E Fernwood, 199 ft N Rosewood Ave.
One - story and basement frame residence.
Owner & Builder—Paul A. Wolter, Jr., 90 Ravenwood Dr.
Architect—Albert H. Larsen, 333 Kearny St. * 14

Contract Awarded
RESIDENCE Cost, \$8,000
OAKLAND, Alameda Co., Cal. 853 to 855 30th St.
One - story 12-room residence for 4 families.
Owner—J. Tarchla, 6500 Whitney St.
Architect—Not Given.
Contractor—J. P. Silva, 8700 46th St. * 14

Contract Awarded
RESIDENCE Cost, \$5,500
SAN FRANCISCO, W. Hamilton, 100 ft. S Bacon St.
One - story and basement frame residence.
Owner—W. J. Sorensen, 42 Dwight Street.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—Herman Christensen, 1801 18th Ave. * 14

To Be Done By Day's Work
RESIDENCE Cost, \$6,500
OAKLAND, Alameda Co., Cal. 5985 Contra Costa Road.
Two - story residence (6 rooms).
Owner & Builder—Paul H. Haller, 6221 Buena Vista Ave.
Architect—Not Given. * 14

To Be Done By Day's Work
RESIDENCES Cost, \$6,500 each
SAN FRANCISCO, NE and NW corners of Temescal Terrace and Golden Gate Avenue.
Two two-story and basement frame dwellings.
Owner and Builder—Louis M. Rousean, 321 Kearny Street.
Architect—Not Given. * 14

15—SCHOOLS

Bids Wanted — To Open January 20, 8 P. M.
SCHOOL Cost, \$130,000
BAKERSFIELD, Kern County, Calif.
Baker and Niles Streets (Washington School).
Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish.
Owner—Bakersfield School District.
Architect—Symmes & Willard; Stanton Willard, architect, 215 Habersfelds Bldg., Bakersfield.
Structural Engineer — Don Shugart, Los Angeles.
Mechanical Engineer — Del Reynolds, Los Angeles.

A three - year building program at the school is proposed; the classroom unit to be followed by an auditorium, administration building, and remodeling existing building.
Plans obtainable from architects upon deposit of \$25, returnable.

Contract Awarded
SHOWER ROOM Cont. Pr., \$5,650
TRANQUILITY, Fresno Co., Calif.
Frame and stucco room at Tranquility High School.
Owner—Tranquility Union High Sch. District.
Architect—Edw. Glass, Mattei Bldg, Fresno.
Contractor—William Jones, Sanger.
Other bids were:
J. R. Church.....\$5,725.00
R. Pedersen.....5,586.00
Hodgson & Sons.....6,400.00
P. B. Younger.....7,700.00
D. S. Kavanagh.....7,913.00

BIDS OPENED
SAN FRANCISCO.—De Luca and Son, Inc., 1745 Filbert St., at \$3,333, submitted low bid to the Department of Public Works, Room 251, City Hall, for construction of lunch room at the John Muir School, Webster and Page Streets.
Complete bids follow:
De Luca & Son, Inc.....\$3,333.00
Empire Const. Co.....3,357.00
F. J. Reilly.....3,431.00
M. E. Vukicevich.....3,493.00
Bureau of Public Buildings.....3,617.00
Peter Sartorio.....3,788.00
Miller & McGillis.....3,839.00
(7890) 1st rep. Dec. 24, 1937. * 15

BIDS WANTED
ANAHEIM, Orange Co., Calif.—Until Jan. 25, 7:15 P. M., bids will be received by the Anaheim Elementary School District, 210 S. Citron St., for reconstruction of the Citron building at the John C. Fremont school, Anaheim, into a five-unit art and domestic science building. Est. cost, \$20,000. Plans obtainable from the architects, Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles. * 15

Engineer Appointed
ADDITION Est. Cost, \$42,000
SAN FRANCISCO, Cal.
Four - classroom addition to the Franklin School; reinforced concrete to first floor and frame above.
Owner—San Francisco Board of Education.
Architect—Chas. H. Sawyer, City Architect, Room 265, City Hall.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans have been completed by the architect. * 15
(8925)

Bids Opened
SCHOOL BLDG. Cost, \$.....
ALAMEDA, Alameda Co., Cal. Bay and Santa Clara Avenues (Mastick School).
First unit, to consist of foundations and skeleton classroom bldg., up to and including plastering, of an eventual 1-story modernistic U-shaped elementary school building (12 classrooms, gym., and auditorium) stucco exterior, low pressure steam heating system, concrete floors and foundations, fire-resistant roof of the composition type; to be built on the unit plan around a central courtyard.
Owner—Alameda Board of Education (William G. Paden, Supt.)
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Low Bidder—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito, \$70,598.

Complete bids follow:
W. V. Bernard, El Cerrito.....\$70,598
F. C. Stoite Co., Piedmont.....71,438
W. K. Van Bokkelen Const., Oakland.....74,250
Geo. J. Maurer, Piedmont.....75,987
Carl N. Swenson Co., Oakland. 76,251
Geo. Swanstrom, Oakland.....76,681
Central Calif. Constr. Co., San Francisco.....77,833
Leo Epp, San Francisco.....79,377
A. Nelson, Inc., San Francisco 79,796
Bids were taken under advisement.

Low Bidders
SCHOOL Cost, \$.....
FOREST GROVE, Oregon.
One - story frame and brick veneer school (232x127-ft.) eight classrooms, library offices, health room, combination auditorium-gym, stage and dressing rooms, 3 classrooms in basement, economics room and shower rooms.
Owner—Forest Grove School District No. 15, Washington Co. (Elizabeth Todd, Clerk).
Architect — C. N. Freeman, Concord Bldg., Portland.
Low Bidder—DeBruin & DeBruin, 649 Alpine Terrace, Portland, \$79,152.

CONTRACT AWARDED
SANTA MONICA, Los Angeles Co., Cal.—Harman-Pacific Co., 422 E. 3rd St., Los Angeles, awarded contract at \$30,895, for complete construction of a classroom addition to St. Monica's high school in Santa Monica for Msgr. Nicholas Conally. Albert C. Martin, architect, 233 Higgins Bldg., Los Angeles. * 15

Completing Working Drawings
HIGH SCHOOL Est. Cost, \$50,000
SAN ANSELMO, Marin Co., Calif.
Sir Francis Drake Blvd. and
Saunders Ave.

One - story and basement frame and
stucco high school building con-
taining five classrooms, assembly
hall and woodwork shop; concr.
foundations.

Owner—Tamalpais Union High Sch.
District.

Architect—Walter C. Falch, Hearst
Bldg., San Francisco.
Structural Engineer—W. H. Ellison,
Pacific Bldg., San Francisco.

Excavation work by WPA is under
way. Plans will be completed in
about two weeks and bids asked
shortly thereafter.

Being Done by Day's Work
MUSIC BLDG. Cost, \$.....
COLUSA, Colusa Co., Calif.

One - story frame and stucco music
building at the Colusa High Sch.
(band room, four practice rooms,
library, instrument room, composi-
tion roof).

Owner—Colusa Union High School
District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Bids Wanted—To Close January 12,
2 P. M.
SCHOOL Cost, \$72,200
MABTON, Washington.

Two-story brick veneer school build-
ing, including auditorium-gymna-
sium; steam heating plant, labora-
tory equip., lights and power
system.

Owner—Mabton School Dist. (A. L.
Ray, Supt. Board of Directors).
Architect—John W. Maloney, Larson
Bldg., Seattle.

Plans and specifications obtainable
from the architect's office upon de-
posit of \$25. 15

Bids Wanted—To Close January 13,
2 P. M.
SCHOOL Est. Cost, \$90,909
KALAMA, Washington.

Two-story school building.
Owner—School District No. 128, Cow-
litz County (Mrs. G. N. Campbell,
Chairman).

Architect—C. N. Freeman, 400 Con-
cord Bldg., Portland.
Specifications obtainable from the
architect's office. 15

Low Bidders

SCHOOL

MT. VERNON, Wash.
Three-story school building (62 x 223
feet), with wing (15 x 81 feet).

Owner—Mt. Vernon School District,
Skagit Co. (J. A. Reeves, Supt.).
Architect—N. Torbitt, 401 Lloyd
Bldg., Seattle.

PWA Docket 1350.
Low Bidder—A. S. Hansen, 2200 25th
St., Seattle—\$102,700.

Haskell Plumbing & Heating Co.,
Bellingham, at \$21,591, submitted low
bid for plumbing and heating, and
City Electric & Fixture Co., Seattle,
at \$8,097, submitted low bid for elec-
tric work. 15

Bid Opening Date Postponed Until
Jan. 11, 7:30 P. M.

SCHOOL Est. Cost, \$116,000
PUYALLUP, Wash.
Addition of two three - story wings
and one - story leanto to present
high school.

Owner—Puyallup High School Dis-
trict, Pierce Co. (R. L. Forbes,
Clerk).

Architect—Mock & Morrison, Perkins
Bldg., Tacoma.

Plans and specifications obtainable
at the architect's office upon deposit
of \$15.00.

Separate bids will be received for

general, plumbing, heating and elec-
trical work.

Postponed from Jan. 10. 15

Sub-Contracts Awarded
SCHOOL Contract Price, \$12,856
MONTREY CO., Calif. Buena Vista
School District.

One-story frame school building (two
classrooms, coat and lunch rooms,
two work rooms, teachers' room,
janitor's room, boys' and girls'
toilets).

Owner—Buena Vista School District.
Architect—Chas. E. Butner, 7 Win-
ham St., Salinas.

Contractor—Albert Staton, 144 Pine
St., Salinas.

Roofing—County Roofing Service, 330
Market St., Salinas.

Plumbing, Heating and Sheet Metal—
Phillips Heating & Plumbing Co.,
215 Monterey St., Salinas.

Electric Wiring—Salinas Elec. Works
253 Main St., Salinas.

Window Shades—F. W. Fricke & Co.,
420 Market St., San Francisco.

Iron Grille Work—R. Hellwig's Iron
Works, 407 Vine St., San Jose.

Lumber—Square Deal Lumber Co.,
Abbott St., Salinas.

Mill Work—Hollenbeck-Bush Planing
Mill Co., P. O. Box 605, Fresno.

Painting—L. L. Teegarden, 143 Har-
vest St., Salinas.

Lathing and Plastering—G. J. Turn-
er, 234 Congress Avenue, Pacific
Grove.

Concrete—J. E. J. Kelly, 10 Pearl St.,
Salinas.

Reinforcing Steel—Central Supply Co.
Vale St., Salinas.

Preparing Working Drawings
SCHOOL ADDN. Est. Cost, \$30,000
SALINAS, Monterey Co., Cal.

One - story frame and stucco addi-
tion to the Washington School,
consisting of music room, manual
training room, domestic science
room; composition roof, wood
sash, etc.

Owner—Salinas City School District.
Architect—Charles E. Butner, 7 Win-
ham St., Salinas.

Structural Engineer—F. W. Kelberg,
320 Market St., San Francisco.

Bids Wanted—To Close Jan. 11,
2 P. M.

SCHOOL Est. Cost, \$121,206
CASTLE ROCK, Washington.

Two-story school building (approx-
imately 148x83-ft.) with one-story
wing (approximately 60x100-ft.),
remodel and repair the existing
school buildings.

Owner—Castle Consolidated School
District No. 122, Covitz County
(Mollie Jackson, Clerk).

Architect—Donald J. Stewart, 707½
Main St., Vancouver, Wash.

Plans and specifications obtainable
from the architect upon deposit of
\$10.00. 15

January 4, 1938

Contract Awarded
ASSEMBLY HALL Cont. Pr., \$23,540
COURTLAND, Sacramento Co., Calif.

One-story frame and stucco assem-
bly building with balcony to seat
800, composition roof, stage equip-
ment, etc., at Courtland High
School.

Owner—Courtland Joint Union High
School District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Engineer—F. W. Kelberg, 320 Mar-
ket St., San Francisco.

Contractor—Peterson Const. Co., 1708
"Q" St., Sacramento.

Bond Election Planned
SCHOOL Est. Cost, \$46,000
HOPLAND, Mendocino Co., Calif.

One-story frame and stucco gram-

mar school building to contain
five classrooms, auditorium, of-
fices, etc. (tile roof, steam heat-
ing system, etc.)

Owner—Hopland Un. Grammar School
District.

Architect—John Easterly, Healdsburg
and Santa Rosa.

Hopland School District is plan-
ning to vote bonds in the near future
for approximately \$43,000, proceeds to
finance construction of the grammar
school.

Sub Contracts Awarded
SCHOOL Cost, \$170,499
FORT BRAGG, Mendocino Co., Calif.

One-story frame high school building
(19 classrooms, gymnasium and
auditorium, cafeteria and offices),
steel trusses.

Owner—Fort Bragg Union High Sch.
District.

Architect—W. E. Coffman, Forum
Bldg., Sacramento.

Structural Engineer—F. W. Kelberg,
320 Market St., San Francisco.

Contractor—M. R. Peterson, 1116 O
St., Sacramento—\$231,130.

Electric Work—Norman A. Russell,
322 College Ave., Santa Rosa.

Hardware—Palace Hardware Co., 581
Market St., San Francisco.

Hardwood Floors—Forsberg & Frise,
1865 49th St., Sacramento.

Heating and Plumbing—Willy &
Rhoads, 2653 J St., Sacramento.

Reinforcing Iron—Ceco Steel Prod-
ucts Corp., 1280 Indiana St., San
Francisco.

Structural Steel and Ornamental Iron
—Alling Iron Works, Fifth and X
Sts., Sacramento.

Preparing Working Drawings
GYMNASIUM Est. Cost, \$25,000
DURHAM, Butte Co., Calif.

One-story high school and gymna-
sium building.

Owner—Durham Union High School
District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Bids Wanted—To Close January 31,
8:00 P. M.

SCHOOL Est. Cost, \$40,000
MADALA CO., Cal.

New frame and stucco grammar sch.
to contain three classrooms and
auditorium; tile roof, new toilets.

Owner—Ripperdan School District,
c/o Clerk, Madera.

Architect—Fred L. Swartz, Brix
Bldg., Fresno.

Additional Sub Contracts Awarded
GYM & POOL Cont. Pr., \$89,983
WATSONVILLE, Santa Cruz Co.,
Calif. Watsonville High School.

One - story reinforced concrete gym
(to house manual training shop,
music room, boys' and girls'
shower and dressing rooms, lock-
ers and practice rooms, etc.) and
pool.

Owner—Watsonville Union High Sch.
District.

Architect—Harold H. Weeks, 593
Market St., San Francisco.

Contractor—Central California Con-
struction Co., Inc., 115 Burrows
St., San Francisco.

Waste Molds—Fred Ferrero, 1715
Webster St., Alameda.

Patent Windows—Dalmo Sales Corp.,
511 Harrison St., San Francisco.

Steel Sash—Detroit Steel Products
Co., 111 Sutter St., San Francisco.

Sheet Metal—East Bay Sheet Metal
Works, 1101 Market St., Oakland.

Steel Lockers—Trask & Squier Co.,
Inc., 39 Natoma St., San Fran-
cisco.

Roofing—Central Supply Co., Kearny
& Walker Sts., Watsonville.

Brick Work—E. J. Scholz, 141 Sud-
den St., Watsonville.

Window Shades—Gill-Mann Co., 160 Second St., San Francisco.
 Housemoving—G. L. Nunes, Delores Ave., Watsonville.
 Plastering—M. J. King, 231 Franklin St., San Francisco.
 Sub. contracts previously awarded published Dec. 14.

Sub Contracts Awarded
ADDITION Cont. Pr., \$13,212
FRESNO, Fresno Co., Calif.
 Three brick toilet buildings, one at the Daily School, one at Franklin School and one at Fremont School.

Owner—City of Fresno School District (L. L. Smith, Secretary).
Architect—F. L. Swartz, Brix Bldg., Fresno.
Contractor—Harris Construction Co., 577 McKinley, Fresno.
Roofing—Faris-Osborne Co., Inc., 759 Blackstone Ave.
Electric Wiring—Fresno Electric Co., 1761 Van Ness Ave.
Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave.

Glass—W. P. Fuller Co., 1246 Fulton St.
Brick and Stone Work—Harry M. Smith, 135 N. Calaveras St.
Lumber—Willard Lumber & Supply Co., 2021 H St.
Lathing & Plastering—W. E. Smart, 3520 Illinois St.
Concrete—M. Madsen, 247 Maple Ave. All of Fresno.

CONTRACT AWARDED
LOS ANGELES, Calif.—Harry F. Miller, 7530 S. Hobart Blvd., awarded contract by Los Angeles Board of Education at \$19,219 for construction of a music building at the John C. Fremont high school, 7676 S. San Pedro St. * 15

Preparing Plans
SCHOOL BLDG. Cost, \$60,000
AUBERRY, Fresno Co., Cal. Sierra High School.
 One-story frame school bldg. (classrooms and study hall).
Owner—Sierra Union High School District.

Architects—Franklin & Kump, 522 T. W. Patterson Bldg., Fresno. (3049) 1st report Aug. 18, 1937. * 15

Preparing Plans
AGRICULTURAL SHOP BLDG. Cost, \$8,000
FWOLEY, Fresno Co., Cal.
 Frame agricultural shop building.
Owner—Fowler Union High School District.

Architects—Franklin & Kump, Jr., 522 T. W. Patterson Bldg., Fresno. (5601) 1st report Oct. 22, 1937. * 15

Contract Awarded
SAN FRANCISCO, Cal.—Wickwire Spencer Steel Co., 101 Townsend St., at \$293, awarded contract by the Department of Public Works, Room 251, City Hall, for furnishing and installing chain link fence at Laguna Honda School, 7th Ave. near Irving. (7885) 1st report Dec. 23; 3rd, Dec. 30, 1937. * 15

Contract Awarded
SAN FRANCISCO.—Aetna Hardwood Floor Co., 951 Brannan St., at \$61, awarded contract by the Department of Public Works, Room 251, City Hall, for sanding the floors at Yerba Buena; Frank McCoppin and Patrick Henry schools. (7884) 1st report Dec. 23; 2nd, Dec. 30, 1937. * 15

CONTRACT AWARDED
SANTA PAULA, Ventura Co., Cal.—John C. Blystone, Box 7, Garden Grove, has been awarded the contract at \$140,113 for the construction of a group of school buildings in

Santa Paula for the Santa Paula High School District, a PWA project. Frederick Kennedy Jr., architect, 1041 E. Green St., Pasadena. The group will contain classrooms, administrative offices, cafeteria, library, domestic science and art rooms; frame & stucco construction, tile and composition roof, steel and wood sash, brick work, steam heating, cement, tile, maple and linoleum floors, wr. iron work. Work will start within a few days. * 15

Completing Plans
AUDITORIUM & CLASSROOM Cost, \$50,000
DELANO, Kern County, Calif.
 One-story reinforced concrete auditorium and classroom addition to the Delano Elementary School.
Owner—Delano Elementary School District.
Architect—Franklin & Kump, 522 T. W. Patterson Bldg., Fresno. (2939) 1st rep. July 30, 1937. * 15

Plans Prepared
SCHOOL Cost, \$50,000
SHAFTER, Kern County, Calif.
 New school building to be built on the Richland school site.
Owner—Richland Elementary School District.
Architect—Franklin & Kump, 522 T. W. Patterson Bldg., Fresno. (6744) 1st rep. Nov. 26, 1937. * 15

BIDS OPENED
LOS ANGELES, Cal.—Harry F. Miller, 7530 S. Hobart Blvd., submitted low bid to Los Angeles Board of Education, at \$19,219, for construction of a music building at the John C. Fremont High School, 7676 S. San Pedro St. Other bids were: Kemp Bros., \$19,650; Archibald & Singleton, \$20,110; Carlo Bongiovanni, \$20,123; G. P. Kristenson, \$20,548; George Mitty, \$20,562; Long Beach Brick Co., \$20,819; Contracting Engineers Co., \$21,376; Lovrich & Konjevod, \$22,410; Chas. J. Dorfman, \$22,540; S. Giannone, \$22,700; C. Haverlandt, \$23,500. * 15

Bids Wanted — To Close January 15, 2:30 P. M.

SCHOOL
SAN JOAQUIN CO., Calif. Three mi. north of Lodi (Huston Grammar School).
 One-story school building (5 classrooms and auditorium), tile roof.
Owner—Huston Grammar School District.
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Plans and specifications may be obtained from the Architect upon the deposit of \$25.

BIDS WANTED
ONTARIO, San Bernardino Co., Cal.—Until Jan. 18, 8 p. m., bids will be received by the Chaffey Union High School District for an auditorium to be built at Chaffey High School, Ontario, a PWA project. Separate bids will be taken as follows: General work; painting and decorating; seating; stage equipment; projection and sound equipment; special light fixtures; organ; heating and ventilating; plumbing; electric work; also a combined bid for the work complete. Plans and specifications may be obtained from the architects, Allison & Allison, 1014 Edison Bldg., Los Angeles, upon deposit of \$50. The building will be a class A structure, 215 x 150 ft. in area, with basement, and will seat 2400 persons. In addition to the auditorium, which will have a completely equipped stage, projection room and organ, the building will contain 3 classrooms, structural steel and reinforced concrete construction, exposed concrete

exterior, tile and composition roof, steam heat from central plant; estimated cost, \$400,000. * 15

BIDS WANTED
VISTA, San Diego Co., Calif.—Until Jan. 15, 7:30 P. M., bids will be received by the Vista Unified School District for a new high school plant to be built at San Diego Blvd. and Escondido Ave., Vista, a PWA project. Plans and specifications may be obtained from the architects, Austin & Wildman, 219 Spruceon Bldg., Santa Ana, upon deposit of \$25, returnable. Included in the project are three buildings, bids to be accepted on any or all of these units: (1) a combined gymnasium-auditorium, approximately 114x150 ft.; (2) a classroom unit, approximately 70x221 ft.; (3) a classroom unit, approximately 37x120 ft. Construction is to be of wood frame and stucco, concrete slab floors and tile and composition roof.

Contract Awarded
HIGH SCHOOL
POINT ARENA, Mendocino Co., Cal.
 One-story frame and stucco high school with composition roof to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agriculture room, library and auditorium to seat 300.
Owner—Point Arena Union High Sch. District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—A. O. Lightfoot, Upper Lake—\$51,002 (basic bid less all alternates except (1) and (4)).

Alternate proposals (all deductions) were submitted as follows:
 (1) omit pumping plant and pump-house;
 (2) omit linoleum floor covering;
 (3) omit roof over passageway;
 (4) omit certain other portions of roofing;
 (5) substitute alternate type heating system in auditorium;
 (6) omit covering on heating pipe.

Complete bids follow:
 A. O. Lightfoot, Upper Lake—\$52,290; (1) \$1182, (2) \$285, (3) \$200, (4) \$450, (6) \$350.
 Louis Halvorsen, Santa Rosa—\$53,768; (1) \$1780, (2) \$280, (3) \$200, (4) \$450, (6) \$250.

Peterson Constr. Co., Sacramento—\$56,990; (1) \$1142, (2) \$375, (3) \$250, (4) \$70, (5) \$465, (6) \$360.
 A. Nelson, Inc., San Francisco—\$59,695; (1) \$1100, (2) \$375, (3) \$230, (4) \$60, (5) \$450, (6) \$350.
 Fred H. Warren, Point Arena—\$59,700; (1) \$1000, (2) \$200, (3) \$250, (4) \$68, (5) \$450, (6) \$50.

Contract awarded to the low bidder on basis of his basic bid, less deductions under Alternates 2, 3, 5 and 6.

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 14, 2 p. m., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for a 1-story 10-unit frame and stucco classroom building to be built at the Elysian Heights School, 1562 Baxter St. Estimated cost, \$67,000. Plans by architectural section of the board; A. S. Nibecker, Jr., architect. Separate bids will be taken as follows: (1) general work; (2) plumbing; (3) heating; (4) painting; (5) electric wiring. * 15

1C—BANKS, STORES AND OFFICES

PLANS BEING FIGURED
BAKERSFIELD, Kern Co., Cal.—Until Jan. 18, 1 p. m., Architects Wilson Merrill & Alexander, 714 Olympic Blvd., Los Angeles, are taking bids

from a selected list of contractors for a new 1-story class A 800-seat theater to be built on the site of the Nile Theater, Bakersfield, for a client; Fox West Coast, lessee; cost, \$100,000.

Plans Being Figured — To Close January 10

STORE Cost, \$.....
BERKELEY, Alameda Co., Cal. Euclid Ave.

One-story reinforced concrete store building.

Owner—Henry Swartz and George Weiser, c/o Architect.

Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Plans are being figured by a selected list of contractors. * 16 (8924)

Contract Awarded

ALTERATIONS & ADDITIONS Cost, \$10,000

OAKLAND, Alameda Co., Cal. 1522-34 San Pablo Ave.
Alterations and additions to bldg.
Owner—The Robert A. Lurie Co., 1540 San Pablo Ave.

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. * 16 (8926)

Contract Awarded

STORE Cost, \$6,500
SAN FRANCISCO. NE McAllister & Laguna Streets.

One-story frame store building.
Owner—Lewis M. Norton, Russ Bldg. Engineer—W. H. Ellison, Pacific Bldg. Contractor—J. S. Malloch, 666 Mission Street. * 16

To Be Done By Day's Work

STORE Cost, \$10,000
SAN FRANCISCO. SW 12th and Stevenson Streets.

Two-story Class C store building.
Owner and Builder—Harrigan and Weidenmuller, 34 Kearny St.
Plans by Robert A. Hanson, 680 Indiana St. * 16

Low Bidders

SHOP & STORE BLDG. Cost, \$.....
TACOMA, Wash. S 35th and Union.
Reinforced concrete shop and store building (245-100-ft.)
Owner—City of Tacoma.

Plans by W. A. Kunigk, City Water Superintendent.

Low Bidder—O. F. Larson and Son, 812 Rust Bldg., Tacoma, \$98,291. * 16

Preparing Preliminary Plans

MEMORIAL STORE Est. Cost, \$8,000
CROCKETT, Contra Costa Co., Calif.
Remodel store building (new tile and plate glass front, interior plastering, etc.)

Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Avenue, Richmond.

Contract Awarded

ALTERATIONS Cost, \$7,500
SAN FRANCISCO. 884 Market St.
Alterations to store building.
Owner—Florsheim Shoe Co., 756 Market St.

Architect—Not Given.
Contractor—Mullen Mfg. Co., 60 Rausch St. * 16

PREPARING PLANS

PASADENA, Los Angeles Co., Cal.—E. L. Ellingwood, mechanical engineer, 124 W. 4th St., Los Angeles, is preparing plans for a proposed air conditioning system to be installed in the Pacific Southwest Building, 234 E. Colorado St., Pasadena, for the Pacific Southwest Realty Co., 561 S. Spring St., Los Angeles. Improvements will include a complete air

conditioning system with a series of cooling plants; estimated cost, \$125,000. * 16

COMPLETE BIDS

ADDITION Cost, \$.....

SANTA CLARA CO., Calif. Cambrian School District.
Addition of an auditorium to Cambrian Grammar School.
Owner—Cambrian Union Elementary School District.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Low Bidder—Dan Caputo, 401 Illinois Ave., San Jose—\$10,287.

Complete bids follow:

Dan Caputo, 401 Illinois Ave., San Jose \$10,287
W. M. Caldwell, San Jose 10,725
J. C. Monk & Son, Los Gatos 10,962
Nielsen & Erbenbraut, San Jose 10,995
Carl N. Swenson Co., San Jose

Bert Ward & Son, San Jose 11,000
Bridges Constr. Co., San Jose 11,337
F. C. Stolte, Alameda 11,915

Contract Awarded

STORE FRONT Cost, \$7,000
SACRAMENTO, Sacramento Co., Cal. Eleventh and K Streets.
New store front on Dupen's (curved, invisible glass shop window) and interior alterations.

Owner—Dupen's.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—Arthur J. Fisher 800 35th St., Sacramento. * 16

Sub Contracts Awarded

ALTERATIONS
SAN FRANCISCO. SE Fulton and Gough Streets.

Alterations to one-story and mezzanine store and shop building; brick work and lumber.

Owner—Reed Tire Co.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contractor—Central California Construction Co., Inc., 115 Burrows Street.

Mill Work—Lannom Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.

Brick Work—Martin Nelson, 2847 Army St., San Francisco.

Plumbing—Dowd-Welch, 3516 16th St., San Francisco.

Sub Contracts Awarded

ALTERATIONS Est. Cost, \$30,000
SAN FRANCISCO. 838 Market St.
Alterations to store and store entrance.

Owner—Sommer & Kaufmann, Inc. Architect—A. R. Williams, 251 Post.

Contractor—W. C. Tait, 883 Market. Structural Steel—Western Iron Wks., 141 Beale St.

Lumber—West Coast Lumber Co., 748 Brannan St.

Plumbing—Ahibach & Mayer, 85 Dorland St.

Plastering—Peter Bradley, 639 Brannan St.

Glassing—W. P. Fuller & Co., 301 Mission St.

Terra Cotta—Gladding McBean & Co., Harrison and Ninth Sts.

Finish Metal Work—National Ornamental Iron & Bronze Co., Inc., 70 Chesley St.

Mill and Cabinet Work—Mullen Mfg. Co., 60 Rausch St.

Roofing—Malott & Peterson, 2412 Harrison St.

All of San Francisco.

BIDS WANTED

YERBA BUENA SHOALS.—Until Jan. 19, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, for finishing the offices in the airport terminal building. Work involves: electrical work; plastering; glazing; plumbing; composition flooring; ptg;

htg. and vent.; finish hardware; tiling; masonry; and miscellaneous carpentry. Estimated cost, \$90,000.

Plans and specifications may be obtained from Room 605, 425 Mason St., San Francisco, upon deposit of \$20.00.

Preparing Preliminary Plans
RESTAURANT Est. Cost, \$7,000
ORINDA, Alameda Co., Calif.

One and one-half-story frame and stucco restaurant building to contain dining room, kitchen, etc. (composition and shingle roof, central gas heating system.)

Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Avenue, Richmond.

17— THEATRES

Additional Sub-Contracts Awarded
REMODELING Cont. Pr., \$13,437
PETALUMA, Sonoma Co., Calif.

REMODEL present Mystic Theatre (to be re-named State Theatre).

Owner—Petaluma Theaters, Inc. Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contractor—Moore and Roberts, 693 Mission St., San Francisco.

Glass and Glazing—Diamond Match Co., Chico.

Plumbing and Sheet Metal—Keenan & Ballard, Main Highway at Y, San Rafael.

As previously reported, lathing and plastering awarded to Ruane & Jensen, 359 Douglas St., San Francisco.

PLANS BEING FIGURED

TUJUNGA, Los Angeles Co., Calif.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, has completed plans and is taking bids from a selected list of contractors for a new reinforced concrete and brick motion picture theater building to be built on Foothill Blvd. west of Fischer St., Tujunga, for the Edwards Theaters, 4907 Huntington Dr., Los Angeles. Est. cost, \$75,000.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

POINT REYES, Marin Co., Cal.—Helwig Constr. Co., 115 S. Main St., Sebastopol, at \$270, awarded contract by the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8560, for repairs and improvements at the U. S. Naval Direction Finder Station, Point Reyes, Calif.

Work involves: Refencing of a spring; replacement of catch basin at the spring; replacement of cattle watering trough and piping, about 1600 feet 1½-in. galv. pipe line, 30 g.p.m. DC motor-driven centrifugal pump, about 650 feet of parkway cable, new fire hydrant and miscellaneous repairs to water pipes and tanks. * 19

Contract Awarded

SWIMMING POOL Cont. Pr., \$116,825
SEATTLE, Wash. Univ. of Washington campus.

Men's swimming pool, 75 ft. long, 42 ft. wide, providing six 7-ft. lanes, 1000 spectator seats, locker rooms, shower baths, heating and cleaning equipment included in plans. Owner—Board of Regents, University of Washington (Herbert T. Condon, Secretary).

Architect—Bebb & Gould, 715 Hoge Bldg., Seattle.

Contractor—Western Const. Co., Texella Tower Bldg., Seattle.

Hellenthal Plumbing & Heating Co. 1209 2nd Ave., at \$53,394 awarded contract for mechanical work, and J. J. Agutter and Co., 600 Harrison

St. Seattle, at \$9,410 awarded contract for electrical work. * 19

PLANS BEING FIGURED

GLENDALE, Los Angeles Co., Cal.—Southern California Telephone Co., 740 S. Olive St., Los Angeles, has prepared plans and is taking bids from a closed, selected list of contractors for a 3-story and basement class A telephone exchange building, 75 x 90 feet in area, to be built on Orange St., south of Broadway, Glendale, for the company. The building, which is designed for an ultimate height of nine stories, will be a steel frame structure with reinforced concrete walls and floor and roof slabs, steam heat, terrazzo and tile work, steel sash, type of exterior facing undecided. Bids are to be opened Jan. 5. Columbia Steel Co., 2087 E. Slauson Ave., Vernon, has the structural steel contract. * 19

Low Bidder
SWIM POOL Cost, \$174,700
SEATTLE, Wash. Univ. of Washington campus.

Men's swimming pool, 75 ft. long, 42 ft. wide, providing six 7-ft. lanes, 1000 spectator seats, locker rms., shower baths, heating and cleaning equipment included in plans.
Owner—Board of Regents, University of Washington (Herbert T. Condon, Secretary).
Architect—Bebb & Gould, 715 Hoge Bldg., Seattle.

Low Bidder—Western Constr. Co.,
Textile Tower Bldg., Seattle—
\$119,790 (basic bid). * 19

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
LOS ANGELES, Calif.—Monolith Portland-Cement Co. at \$5880.00 was awarded contract by U. S. Engineer, Los Angeles, for 2000 barrels of high early strength portland cement in paper bags, delivered to Los Angeles County drainage area. Circ. Prop. 191.
Complete bids were:

- Blue Diamond Corp. (Monolith) \$5-820, add \$30 for lab test.
- Southwestern Portland Cement Co. (Victor), Riverside Cement Co. (Victor or Monolith), California Portland Cement Co. (Monolith or Victor), Monolith Portland Cement Co. (Monolith or Velo), and Graham Brothers (Santa Cruz) submitted identical bids at \$5880.
- Pacific Portland Cement Co. (Golden Gate), \$6060.
- All discount \$20 bbl. 10th prox.

CONTRACT AWARDED
LOS ANGELES, Cal.—San Gorgonio Rock Products Co., Banning, at \$74,262.50 was awarded the contract by the Metropolitan Water District for furnishing 62,300 tons of concrete aggregates for San Jacinto Tunnel; Spec. 259. The award was made on Schedule 2, delivered to district batching plant.

January 4, 1938
CONTRACT AWARDED
LOS ANGELES, Calif.—Associated Whse. Elec. Co., at \$26,740.62 was awarded contract by the Metropolitan Water District for furnishing 25,000-ft. 3-conductor No. 2/o armored cable for use at San Jacinto tunnel. * 20

CONTRACT AWARDED
OAKLAND, Cal.—L. M. Clough Co., 996 66th Ave., Oakland, at \$1.07 per ton, awarded contract by the City of Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 10,000 tons crusher run rock. * 20

BIDS WANTED

OAKLAND, Cal.—Until Jan. 10, 4:30 p.m. (date postponed from Jan. 3), bids will be received by the City of Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 800 tons crusher run rock.
Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Cal.—Western Pipe & Steel Co., at \$2110.63 submitted low bid to the U. S. Engineer, Los Angeles, for corrugated metal culvert pipe, band couplers and gates delivered along the Los Angeles river between Gatewood St. and Fletcher Dr. Circ. Prop. 194. California Corru. Culvert Co., at \$2168.41 submitted only other bid. All discount 1/2 of 1% 10 days.

CONTRACT AWARDED

LOS ANGELES, Cal.—Soule Steel Co., at \$233,892.30 was awarded contract by U. S. Engineer, Los Angeles, for 8,200,000 lbs. of steel reinf. bars delivered to job. Circ. Prop. 171. * 20

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 10, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for 100,000 cu. ft. acetylene and 150,000 cu. ft. oxygen for delivery in Los Angeles county drainage area. Circ. Prop. 201. * 20

CONTRACT AWARDED

SEATTLE, King Co., Wash.—A. S. Schulman Electric Co., Chicago, at \$23,788.00 was awarded contract (materials will be fabricated by Isaacson Iron Works, Seattle), by the City of Seattle, for galvanized steel structure for South Receiving Station. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Blue Diamond Corp., Eastside Bldg. Materials Co., Pacific Rock & Gravel Co., City Rock & Gravel Co. (bidding jointly), at \$44,100, awarded contract by U. S. Engineer, Los Angeles, for 30,000 tons coarse aggregate and sand; Circ. Prop. 175. * 20

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 190, for 145,000 bd. ft. Douglas fir lumber, Lot No. 1, for Brail and Exchange Streets, Los Angeles; Lot No. 2, for Beechwood and Riverside Drive, Burbank.

DELIVERED TO JOB

- W. E. Cooper Lbr. Co.—(1) \$3014.22; (2) \$2091.40; total \$5105.62; if awarded Lot No 1 only add \$53.95 per M or \$180.60 total; disc 5% 30 da.
- San Pedro Lbr. Co.—(1) \$3232.50; (2) \$2145; total \$5377.50; 2% 30 da.
- Owens-Parks Lbr. Co.—(1) \$3365; (2) \$2187.50; total \$5552.50; 5% 30 da.

F.O.B. MILL

- Griswold Lbr. Co., Portland—(1) \$2301.25; (2) \$1497.50; total \$3798.75; f.o.b. Portland or Carleton, Ore.; 2% 10 da.
- Patrick Lbr. Co., Portland—(1) \$2,289.25; (2) \$1515; total \$3804.25; f.o.b. Roseburg, Carleton or Malota, Ore.; 2% 10 da.
- Hammond Lbr. Co.—(1) \$2340.01; (2) \$1743.75; total \$4083.76; f.o.b. Cottage Grove, Ore.; will deliver flooring to jobsite at same price as f.o.b. mill; 2% 30 da.
- McDonald & Harrington—(1) \$2130; (2) \$1480; total \$3610; f.o.b. Columbia Junction, Wash., and Carleton, Ore.; 2% 30 da.
- J. F. Sharpe Lbr. Co., Seattle—(1) \$2180; (2) \$1522.50; total \$3702.50;

f.o.b. Portland and Wellsdals, Ore.; 2% 10 da.

A. E. Fickling Lbr. Co.—(1) \$2405; (2) \$1770; total \$4175; f.o.b. Cottage Grove and Springfield, Ore.; 2% 20 days.

Thompson Lbr. & Piling Co., Portland—(1) \$2010; (2) \$1375; total \$3385; f.o.b. Cottage Grove and Eugene, Ore.; 2% 10 days.

Santa Fe Lbr. Co.—(1) \$2063.25; (2) \$148.75; total \$3512; f.o.b. Columbia Junction and Roseburg, Ore.; 2% 30 days; deduct \$90 if regular standard lengths loading is allowed.

H. A. Browning Lbr. Co.—(1) \$2,409.25; (2) \$1592.50; total \$4001.75; f.o.b. Columbia Junction, Wash.; 1% 10 days.

Chapman Lbr. Co., Portland—Partial bid f.o.b. Cottage Grove. * 20

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until Jan. 14, 4 p.m., bids will be received by the Long Beach Board of Education for furnishing, under Schedule No. 1197-G, high carbon structural steel. Specifications may be obtained at 715 Locust Ave., Long Beach. * 20

January 4, 1938

CONTRACT AWARDED

LOS ANGELES, Cal.—Bethlehem Steel Co. at \$10,875 was awarded the contract by U. S. Engineer, Los Angeles, for 210,000 lbs. of fabricated steel for Lower Canada Blvd. bridge over Verdugo Wash. Circ. Prop. 153. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—B. F. Goodrich Co., at \$45,040 was awarded contract by Los Angeles City Purchasing Agent for furnishing cotton double jacket, rubber-lined fire hose; Spec. 3703. The complete bids were:

- B. F. Goodrich Co. (1) 23,000 ft. 1 1/2-in., \$26; (2) 93,000 ft. 2 1/2-in., \$42; total, \$45,040. Disc. 2% 30 days; option to purchase additional hose during year not granted.
- W. C. Hendrie & Co.: (1) \$265; (2) \$44; total, \$47,015, including sales tax, 2% 30 days. Option granted conditionally.

Pioneer Rubber Mills. (1) \$38; (2) \$44; total, \$44,660; net; option not granted.

Goodall Mechanical Corp.: (1) \$355 (2) \$493; total, \$54,014, including sales tax. Disc. 2% 30 days; option granted.

General Fire Truck Corp.: (1) \$38; (2) \$51; total \$56,170. Disc. 2% 30 days; option not granted.

Harper & Reynolds Corp.: (1) \$3686 (2) \$5529; total, \$59,897.70. Disc. 2% 30 days; option not granted.

American Rubber Mfg. Co.: (1) \$339; (2) \$.60; total, \$63,597, including sales tax; 2% 30 days; option not granted.

Eureka Fire Hose Div., (1) \$514; (2) \$.717; total, \$80,856.70; 2% 30 da; option not granted.

Bi-Lateral Fire Hose Co.: (1) \$432; (2) \$.936; total, \$96,984; 2% 30 days. Option granted. * 20

BIDS WANTED

SACRAMENTO, Cal.—Until Jan. 12 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Prop. 1105-38-174, for furnishing and delivering miscellaneous castings.

- The contract involves:
 - (1) 2 booster pump casings;
 - (2) 3 booster pump impellers;
 - (3) 4 winding engine rod brasses;
 - (4) 4 ice cans.

Plans and specifications obtainable from above office. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Irrigation Proj.
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Syst.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

BIDS OPENED

FRESNO COUNTY, Cal.—Earle W. Heple, 494 Delmas Ave., San Jose, at \$57,845 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a steel girder bridge consisting of five 74-foot spans and two 65-foot spans and approaches about 3 miles south of Sanger, Fresno County.

Work involves:

- (1) 12,500 c.y. rdwy. embankment;
- (2) 300 c.y. struc. excav.;
- (3) 7 sta. finishing rdwy.;
- (4) 80,000 lbs. bar reinf. steel;
- (5) 670 c.y. Class A Portland cement concrete struc.;
- (6) 215,000 lbs. struc. steel;
- (7) 1,050 lf. timber railing;
- (8) 12 MFEM of treated Douglas fir timber;
- (9) 2,100 lf. furnishing steel piles;
- (10) 60 each driving steel piles;
- (11) 50 c.y. Class A Portland cement concrete (slope paving);
- (12) 1 lot misc. items of work.

Total bids follow:

- (A) Earle W. Heple, 494 Deimas Ave. San Jose, \$57,845.00.
- (B) A. Soda & Son, Oakland, \$60,581.85.
- (C) Bodenhamer Const. Co. and W. K. Van Bokkelen Const. Co., Oakland, \$72,452.00.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$.25	\$.46	\$.60
(2).....	4.00	6.20	7.00
(3).....	10.00	7.00	15.00
(4).....	.06	.055	.06
(5).....	20.00	20.00	26.50
(6).....	.105	.09	.09
(7).....	2.05	1.25	2.50
(8).....	150.00	167.50	230.00
(9).....	2.00	1.95	2.42
(10).....	30.00	62.00	110.00
(11).....	20.00	15.00	22.50
(12).....	500.00	2480.85	1500.00

CORRECTION

HUMBOLDT CO., Cal.—Until Jan. 26, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete slab bridge across Jordan Creek six miles south of Scotia, consisting of six 22-foot spans, one 24-foot span and one 15-foot span on concrete piers with steel pile foundations and grading and surfacing with plant-mixed surfacing approximately nineteen hundredths mile, Humboldt Co., Calif.

Work involves:

- (1) 1 only, existing bridge to be removed and disposed of;
- (2) 2.0 acres clear and grub;

- (3) 2 each, remove and grub Redwood trees, Size 1;
 - (4) 3 each, remove and grub Redwood trees, Size 2;
 - (5) 3 each, remove and grub Redwood trees, Size 3;
 - (6) 2 each, remove and grub Redwood trees, Size 4;
 - (7) 2 each, remove Redwood trees, Size 1;
 - (8) 1 each, remove Redwood trees, Size 2;
 - (9) 1 each, remove Redwood trees, Size 3;
 - (10) 2 each, remove Redwood trees, Size 4;
 - (11) 1,100 c.y. roadway excav., without class;
 - (12) 100 c.y. channel excav.;
 - (13) 7,500 c.y. import borrow;
 - (14) 300 c.y. struc. excav.;
 - (15) 11 sta. finishing roadway;
 - (16) 3.5 tons liq. asph., SC-1A (prime coat);
 - (17) 575 tons min. aggregate (plant-mix surf.);
 - (18) 25 tons liq. asph., SC-4 (plant-mix surf.);
 - (19) 82,000 lbs. bar reinf. steel;
 - (20) 28 c.y. Class A Portland cement conc. footing blocks;
 - (21) 400 c.y. Class A Portland cement conc. structures;
 - (22) 20 c.y. Class A Portland cement conc. railing;
 - (23) 5,000 lbs. misc. steel;
 - (24) 1,440 lf. furnish steel piles;
 - (25) 36 each, driving steel piles;
 - (26) 225 c.y. light riprap;
 - (27) 60 lf. rock-filled timber crib;
 - (28) 3 each, monuments;
 - (29) 1 lot misc. items of work.
- Plans and specifications may be obtained at the above office. * 21
- Item 9 previously reported incorrectly. * 21

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Board of Directors of Golden Gate Bridge and Highway District, W. W. Felt, Jr., Secretary, Tull Plaza, Presidio of San Francisco, for the erection of certain steel scaffolds underneath the Main span and side spans of Golden Gate Bridge, together with alterations and additions to certain steel work now on the Bridge.

Bids were taken on the following alternates:

- (1) Erection under bridge four scaffolds, including hoist and hoist platform;
- (2) Same as Alternate 1, and the removal of 8 ladders and alterations to the platform on the center main span;
- (3) Same as Alternate 2, and alterations to existing stairway and roadway adjacent to main tower;
- (4) Same as Alternate 3, and fur-

nishing and erecting plant balcony on main tower.

Concrete bids follow:

G. A. McClain, 2125 Steiner St., San Francisco—(1) \$12,395, (2) \$14,330, (3) \$20,620, (4) \$38,825.

J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco—(1) \$16,675, (2) \$18,515, (3) \$20,252, (4) \$37,778.

J. Philip Murphy, 3901 Mission St., San Francisco—(1) \$15,157, (2) \$15,843, (3) \$17,118, (4) \$37,557. * 21

LOW BIDDERS

LOS ANGELES CO., Calif.—C. O. Sparto & Mundo Engineering Co., 2309 E. Olympia Blvd., Los Angeles, at \$122,652.20, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, for the construction of an undergrade crossing under the tracks of the Union Pacific Railroad Company nr. Pico, consisting of a steel girder track span on concrete abutments and approximately forty-nine hundredths (.49) mi. of roadway grading and paving with Portland cement concrete and surfacing with plant-mixed surfacing the shoulders and service road, Los Angeles County. * 21

CONTRACT AWARDED

LOS ANGELES, Cal.—John Strona, Philadelphia and East End Avenues, Chino, at \$86,990 (east in place piles) was awarded contract by Los Angeles board of public works for construction of Fox Studio bridge across Olympia Blvd. 1100 ft. east of Fox Hills Drive. * 21

PLANNED

SACRAMENTO CO., Cal.—Working drawings covering construction of a drawbridge at Sutter Slough are being prepared by County Engineer E. A. Fairbairn and will be submitted upon completion to the War Department for approval. The drawbridge will cost in the neighborhood of \$60,000, it is estimated. * 21

CONTRACT AWARDED

EUREKA CO., Nev.—Silver State Construction Co., Inc., Fallon, Nev., at \$91,559.94, submitted low bid and was awarded contract by the Nevada State Dept. of Highways, Heres Memorial Bldg., Carson City, Nev., for the construction of a concrete and steel overpass and approximately 0.79 mi. approaches on the State Highway near Shoshone, Rt. 1, Sec. A-1 and A-2, Eureka County, Nevada.

Three low bids follow:

Silver State Construction Co., Inc., Fallon, Nevada—\$91,559.94.

Dodge Construction Co., Inc., Fallon—\$96,614.75.

Utah Construction Co., Ogden, Utah—\$98,569.30.

Complete bids will be published shortly. * 21

January 6, 1937

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Const. Co., 1 Drumm St., San Francisco, at \$26,465.00 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19075, for construction of fenders at Islah Creek Bridge. Estimated cost, \$31,000.

Work involves:

- (1) Lump sum, providing barricades and signs; removing fenders and dolphins;

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

- (2) 15,000 l.f. driving timber treated piles;
 - (3) 50 MFEM installing timber wales for fenders, exclusive of Item No. 2, including hardware, springs, castings, etc.;
 - (4) Lump sum, electrical work, etc.
- Total bids follow:
- (A) Healy-Tibbitts Const. Co., No. 1 Drumm St., San Francisco, \$26,465.00.
 - (B) DeLuca & oSn, Inc., \$27,690.00.
 - (C) The Duncanson - Harrelson Co., \$28,855.00.
 - (D) M. B. McGowan, Inc., \$29,273.00.
 - (E) A. W. Kitchen & Co., \$30,655.00.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 700.00	\$650.00	\$1100.00
(2).....	1.25	1.02	1.25
(3).....	110.00	215.20	165.00
(4).....	1515.00	950.00	753.00
	(D)	(E)	
(1).....	\$2000.00	\$441.00	
(2).....	1.40	1.18	
(3).....	115.00	235.00	
(4).....	523.00	764.00	
			21

January 5, 1938.

BIDS WANTED

SAN LUIS OBISPO CO., Cal.—Until Jan. 26, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a timber bridge across San Juan Creek about 38 miles east of Santa Margarita consisting of sixteen 19-ft. 0-in. spans on pile bents and grading and applying road-mix surface treatment to about 0.3 ml. of roadway, San Luis Obispo Co., Calif.

Work involves:

- (1) 1 lot exist. bridge to be removed and disposed of;
 - (2) 2,700 c.y. roadway excav., without classification;
 - (3) 210 c.y. struc. excav.;
 - (4) 40 c.y. ditch and channel excav.;
 - (5) 2,900 c.y. import borrow;
 - (6) 19 sta. finishing roadway;
 - (7) 3,800 sq. yds. preparing, mixing and shaping roadbed;
 - (8) 5 tons liq. asph., SC-3 (prime coat);
 - (9) 50 tons liq. asph., SC-3 (road-mix surf. treatment);
 - (10) 30,000 lbs. bar reinf. steel;
 - (11) 150 c.y. class A portland cement conc. struc.;
 - (12) 61 MFEM untreated Douglas fir timber;
 - (13) 11 MFEM treated Douglas fir timber, sheet piling;
 - (14) 660 l.f. timber curb and railing;
 - (15) 3,770 l.f. furnish treated Douglas fir piles;
 - (16) 68 each, driving treated Douglas fir piles;
 - (17) 54 c.y. class A portland cement concrete slope paving;
 - (18) 78 l.f. 18-in. CMP;
 - (19) 4 each, culvert markers;
 - (20) 11 each, guide posts;
 - (21) 0.7 mile new property fence;
 - (22) 12 each, monuments;
 - (23) 1 lot misc. items of work.
- The State will furnish CMP, band couplers, etc.
- Plans and specifications may be obtained from the above office. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

LOS ANGELES, Calif.—Standard Dredging Co., 325 Central Bldg., Los Angeles, at (1) \$8700 and (2) \$7470, submitted low bid to the General Manager, Los Angeles Harbor Department, under Spec. 972, for bucket dredging of 38,000 c.y. materials from areas in Slip No. 1 and in Fish Harbor.

The items are:

SEC. A—Slip No. 1:

- (1) 20,000 c.y. dredging to depth of 35 ft. with overdepth of 2 ft., outside pierhead lines at Berths 153 to 157, Slip No. 1, Inner Harbor;

SEC. B—Fish Harbor:

- (2) 18,000 c.y. dredging to depth of 15 ft. with overdepth of 2 ft., in front of Berth 265-7 in Inner Basin, Fish Harbor, Terminal Island.

The bids were:

Standard Dredging Co.—(1) \$435 cu. yd.; \$8700; (2) \$415 cu. yd.; \$7470. Case Constr. Co.—(1) \$55 cu. yd.; \$11,000; (2) \$48 cu. yd.; \$8640. * 22

BIDS WANTED

ALAMEDA, Calif.—Until Jan. 26, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8414, for dredging and filling; stone seawalls and jetties; and steel sheetpile bulkheads and pier, including wood piles and timber work and concrete curbs at the Naval Air Station, Alameda. Est. cost, \$960,000.

Plans and specifications may be obtained at the Bureau or the Commandant, 2th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10. * 22

23— CANALS

CONTRACT AWARDED

RIVERTON PROJ., Wyo.—Woodward Const. Co., Rock Springs, Wyo., at \$69,897 was awarded contract by the Bureau of Reclamation, Riverton, Wyo., under Spec. No. 762, for the construction of earthwork and structures, Pilot canal laterals 26 to 28, Sand Gulch lateral 3-A and sub-laterals, Pilot Division, Riverton Project, Wyo. * 23

25— MACHINERY AND EQUIPMENT

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Following submitted identical bids, at \$243 per hour, to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the rental of four only 3-c.y. dump trucks for use in District 1 for 500 hours each.

Wm. Kern, Weott; Dewar's Express, Eureka; Ashurst Bros. & W. E. Sinclair, Hopland; Paul Entremont, Colusa. * 25

BIDS OPENED

EUREKA, Humboldt County, Cal.—Paul Entremont, Colusa, at \$230 per hour submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for the rental of two 3-c.y. dump trucks for 600 hours each to be used in District 1.

Complete bids follow

	Per hr.
Paul Entremont, Colusa.....	\$230
Rock and Gravel Trucking Co., Oakland.....	2.33
Wm. Kern, Weott.....	2.43
Dewar's Express, Eureka.....	2.43
Ashurst Bros. and W. E. Sinclair, Hopland.....	2.43
John Vance, Eureka.....	2.43
United Conc. Pipe Corp., Arcata.....	3.50

* 25

CONTRACT AWARDED

KENDRICK PROJECT, Wyo.—Phillips & Davies, Inc., Kenton, Ohio, at \$37,000, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 990-D,

for furnishing and delivering three 14x50-ft. fixed-wheel gates, for installation in the spillway at the Seminole Dam, Kendrick Project, Wyoming. * 25

BIDS OPENED

EUREKA, Humboldt County, Calif.—Ukiah Gravel and Cement Company, Ukiah, at \$4.13 per hour submitted only bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the rental for 700 hours of one ¾-c.y. power shovel for use in District 1. * 25

BIDS OPENED

LOS ANGELES, Cal.—Smith Booth Usher Co., 2001 Santa Fe Ave., Los Angeles, at \$6752.68, submitted low bid to the Metropolitan Water District, Los Angeles, for furnishing 65 lubricating oil pumps with electric driving motors, Spec. 261, for use at Colorado River aqueduct pumping plants. This supersedes and cancels Spec. 255, scheduled to have been opened at 10 A. M., Dec. 21.

The items are:

- (1) 6 lubricating oil pumping units for Intake pumping plant, each having a capacity of 15 gpm at 260 ft. total head;
- (2) 7 lubricating oil pumping units for Intake pumping plant, each having a capacity of 15 gpm at 190 ft. total head;
- (3) 6 lubricating oil pumping units for Gene pumping plant, each having a capacity of 15 gpm at 260 ft. total head;
- (4) 7 lubricating oil pumping units for Gene pumping plant, each having a capacity of 15 gpm at 190 ft. total head;
- (5) 6 lubricating oil pumping units for Iron Mtn. pumping plant, each having a capacity of 15 gpm at 260 ft. total head;
- (6) 7 lubricating oil pumping units for Iron Mtn. pumping plant, each having a capacity of 15 gpm at 190 ft. total head;
- (7) 6 lubricating oil pumping units for Eagle Mtn. pumping plant, each having a capacity of 15 gpm at 260 ft. total head;
- (8) 7 lubricating oil pumping units for Eagle Mtn. pumping plant, each having a capacity of 15 gpm at 190 ft. total head;
- (9) 6 lubricating oil pumping units for Hayfield pumping plant, ea. having a capacity of 15 gpm at 290 ft. total head;
- (10) 7 lubricating oil pumping units for Hayfield pumping plant, ea. having a capacity of 15 gpm at 220 ft. total head.

The bids were:

- (A) Northern Pump Co., Minneapolis, Minn.: Total \$8414; gross shipping wt. 15,000 lbs.; delivery pt., Minneapolis; disc. 1%; use tax to be added.
- (B) Schutte & Koerting Co., Philadelphia, Pa.: (D. M. Dalton, 122 E 7th St., L. A., local representative): Use tax \$351.21; total, \$12,058.21; shipping weight, 19,000 lbs. Deliv. point, Philadelphia; no disc.
- (C) Worthington Co., Inc., Los Angeles: Use tax, \$244.76; total, \$8,403.26; shipping weight, 17,100 lbs.; Job Harrison, N. J.; no disc.
- (D) Smith Booth Usher Co., Los Angeles: Use tax, \$196.68; total, \$6,752.68; ship. wt., 24,000 lbs.; delivery point, Rockford, Ill.; no disc.; all items subject to use tax.
- (E) DeLaval Steam Turbine Co., Los Angeles: Use tax, \$489.45; total, \$16,804.45; ship. wt., 22,750 lbs.; delivery point, Trenton, N. J.; no disc.; all items subject to use tax.
- (F) Kinney Mfg. Co., Boston, Mass.: Use tax, \$422.12, total, \$14,070.50;

gross ship. wt., 30,650 lbs.; delivery point, Boston; no disc.; exceptions to delivery, 3, 4, 5 and 6; 100 days, balance 156 days.

The unit prices were: (D)

(A)	(B)	(C)	(D)	(E)	(F)	
(1).	152	188	124.50	102	263	215.50
(2).	125	175	124.50	97	263	215.50
(3).	132	182	124.50	102	263	215.50
(4).	125	175	124.50	97	263	215.50
(5).	132	183	124.50	102	263	215.50
(6).	125	175	124.50	97	263	215.50
(7).	132	183	124.50	102	263	215.50
(8).	125	175	124.50	97	263	215.50
(9).	137	189	135.50	113	203	226.00
(10).	132	183	124.50	102	203	215.50

BIDS OPENED

BOULDER CANYON PROJECT—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 756, for furnishing main and auxiliary control equipment, load and frequency control equipment, battery distribution switchboard and auxiliary power control equipment for the control of generating units A-6 and A-7 in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and/or Boulder City, Nev.

Complete bids follow:

Cutler-Hammer, Inc., Milwaukee, Wis.—Sch. 3, \$18,812; wt. 18,000 lbs.; f.o.b. Milwaukee; net.

General Electric Co., Schenectady, N. Y.—Sch. 1, \$65,247; wt. 30,100; Sch. 2, \$2264; wt. 850; Sch. 3, \$24,060; wt. 21,700; f.o.b. Boulder City, Nevada; net.

Westinghouse Elec. & Mfg. Co., Denver, Colo.—Sch. 1, \$54,194; wt. 41,200; Sch. 2, \$2,790; wt. 650; Sch. 3, \$25,923; wt. 18,300; f.o.b. Boulder City; net.

The Wolfe & Mann Mfg. Co., Baltimore, Md.—Sch. 3, \$19,635; wt. 17,425; f.o.b. Baltimore; net.

Leeds & Northrup Co., Philadelphia, Pa.—Sch. 2, \$2467; wt. 650; f.o.b. Philadelphia; net.

McPage McKenny Co., Seattle, Wash.—Sch. 1, \$52,977; wt. 28,000; Sch. 3, \$18,892; wt. 29,000; Combination bids: 1 and 3, \$70,750; f.o.b. Seattle, Wash.; net. * 25

BIDS OPENED

EUKEKA, Humboldt Co., Cal.—D. C. Kemp, Ferrisridge, at \$4.95 per hour, submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, for the rental of one $\frac{3}{4}$ -cu. yd. power shovel for use in District No. 1 for 700 hours each.

Poulos & McEwen, Sacramento, at \$6.50, submitted only other bid. * 25

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, at \$4543.33 submitted low bid to the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing one tractor and bulldozer.

Peterson Tractor & Equipment Co., San Francisco, at \$5046.48 submitted only other bid. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following submitted apparent low bids to the Metropolitan Water District, Los Angeles, under Spec. 256 for operation valves for Palos Verdes feeder of the Colorado River Aqueduct:

Associated Piping and Engineering Co., Inc. \$12,112; (2) \$18,164; total 1 bid. Los Angeles; tax \$31,184.28; fob Los Angeles; (3) \$19,923; (4) \$13,282; only bidder item (5) \$31,404 and (6) \$20,937; (10) \$5707; (13) \$396.

Water Works Supply Co., (11) \$4,958; fob Los Angeles.

Chapman Valve Mfg. Co., only bid-

der items: (7) \$29,310; (3) \$19,060; (8) \$7456; (12) \$1498; fob Los Angeles.

Joshua Hendy Iron Works, S. F., \$3641.00.

Crane Co., (12) \$1400; fob Chicago. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the Los Angeles Water and Power Purchasing Agent under Spec. No. 2476, for:

- (1) 10-ton geared chain wheel trolley and electric hoist;
- (2) one 5-ton geared chain wheel trolley and electric hoist;
- (3) one 1-ton stationary mounted electric hoist.

For installation of equipment at department's receiving station "E" an additional charge will be made.

The bids were:

Smith Booth Usher Co.: (1) \$2360; (2) \$1955; (3) \$463, no additional charges; net.

Apex Steel Corp., Ltd.: (1) \$3035; (2) \$1375.12; (3) \$546.40; additional charges, (1) \$115; (2) \$75; (3) \$40; net.

Utilities Supply Co.: (1) \$2371.38; (2) \$1965.19; (3) \$467.20; additional charges, (1) \$105; (2) \$95; (3) \$15; net.

Warren & Bailey Co.: (1) \$2260; (2) \$1885; (3) \$450.80; additional charges, (1) \$85; (2) \$85; (3) \$85; net.

Harnischfeger Corp.: (1) \$2234; (2) \$1429; (3) \$650; additional charges, (1) \$31; (2) \$71; (3) \$29; net.

Industrial Const. Corp., Ltd.: (1) \$2595; (2) \$1645; (3) \$525; additional charges, (1) \$30; (2) \$20; (3) \$10; alternate, (1) \$2135; (2) \$1275; additional charges, (1) \$30 (2) \$25; (3) \$25; net. * 25

BIDS WANTED

DENVER, Colo.—Until Jan. 17, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1012-D, for furnishing and delivering two 12-ft. by 7-ft. top-seal radial gates for the Siphon Drop power plant, Yuma Project, Arizona-California; and two 10-ft. by 5-ft. top-seal radial gates for the Leasburg canal sluiceway, Rio Grande Project, New Mexico-Texas. Gates will be installed by the Government; f.o.b. shipping point and/or railroad destination.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

GRAND COULEE DAM.—Until Jan. 14, 2 P. M. (date postponed from January 4) bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 764, for furnishing (1) twenty bulkhead gate frames and track units for installation at the inlet ends of the Outlet conduits from elevation 975.0 to elevation 1206; (2) three bulkhead gate frame and track units for installation at the inlet ends of station-service penstocks; (3) eighteen complete gate frames for the penstock inlet gates at the inlet ends of the main power penstocks, Grand Coulee Dam, Columbia Basin Project, Wash. Materials will be installed by the Government; fob shipping point and/or Odair, Wash.

Plans and specifications may be obtained from the above office.

BIDS WANTED

CENTRAL VALLEY PROJECT, Cal.—Until Jan. 19, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1013-D, for furnishing and delivering one trickling filter, consisting of a sewage distributor with dosing siphon and wood tank for installation in a sewage disposal plant

at the Government camp at the Shasta Dam, Central Valley Project, Cal. Apparatus will be installed by the Government; f.o.b. shipping point and/or Redding, Cal.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until Jan. 13, 5 p.m. (opened at 7:30 p.m.), bids will be received by the Petaluma City High School District, Dr. Hall Weston, Clerk, McNear Bldg., 19 Main St., Petaluma, for the installation of a deep well injector type pump to be installed on the property of the Petaluma City High School District, Petaluma.

Plans and specifications may be obtained from the above office. * 25

CONTRACTS AWARDED

KENDRICK PROJECT, Wyoming.—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at (1) \$25,326, and (2) \$1,378, f.o.b. Sunnyvale, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 761, for furnishing (1) two 72-in. ring-follower gates, and (2) two bell-mouth castings for installation in the outlet works at the Seminole Dam, Kendrick Project, Wyo. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 196 for rental of (1) one dragline for 1800 hours, and (2) two draglines for 3600 hours.

B. W. Kuhn, disc 1% 20 da, (2) \$6.32 hr, \$22,652, all or none basis, No. 80 Northwest; deduct \$1 hr if vendor's operators are employed by government.

United Concrete Pipe Corp., (1) \$7.25 hr, \$13,050; Lima 1001; alt Lima 701, 2-yd, \$7.75 hr.

V. R. Dennis Constr. Co., disc 2% 30 da, (1) \$5.00 hr, \$9000; No. 87 Thew Loraine.

Pacific Crane & Rigging Co., (1) \$6.50 hr, \$11,700; Link-Belt K-55. Kuhn Bros., disc 1% 20 da, (1) \$6.75 hr, \$12,150; NW No. 80. If vendor's operators are employed by government, deduct \$1.00 hr.

Ray Sweitzer, disc $\frac{1}{2}$ of 1% 10 da, (1) \$7.50 hr; deduct \$1.10 hr if vendor's operators are used by government; Loraine No. 87. * 25

CONTRACT AWARDED

ALL-AMERICAN CANAL.—Valley Iron Works, Yakima, Wash., at (1) \$15,515 and (2) \$4548, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 997-D, for furnishing (1) eleven 16,000-lb. capacity and two 3500-lb. capacity radial gate hoists for the Pilot Knob check and wasteway; and (2) two 12,000-lb. capacity and four 3500-lb. capacity radial gate hoists for the new River crossing, All-American Canal. * 25

COMPLETE BIDS

LOS ANGELES, Cal.—The following bids were submitted to Metropolitan Water District, Los Angeles, under Spec. 256, for furnishing operation valves for Palos Verdes Feeder of the Colorado River Aqueduct. The bids were taken on schedules and items as follows:

SCHEDULE 1

Furnishing manually-operated conical plug type shutoff valves.

- (1) one 42-in. manually-operated rotating conical plug type valve, complete with 6-in. by-pass and operating mechan. for Oak Hill Shutoff;
- (2) two 30-in. manually-operated rotating conical plug type valves,

complete with 6-in. by-pass and operating mechanism for Brooklyn Ave. and Slauson Ave. shut-offs.

SCHEDULE 2C

Furnishing automatic pressure regulating assemblies with conical plug type valves for structures at Los Angeles River.

- (3) three automatic pressure regulating valve assemblies. Each assembly to consist of one 20-in. manually - operated gate valve with 2-in. by-pass, one 14-inch conical plug type valve for automatic regulation and shutoff with 2-in. by-pass, one 14-inch manually - operated conical plug type or follower ring gate valve with 2-in. by-pass, one erection coupling, steel plate reducers, pilot valves and other equipment necessary for the complete assembly and operation of valves;
- (4) if ordered within 30 days after date of contract, will furnish two additional automatic pressure regulating assemblies, complete, as described under item 3.

SCHEDULE 2G

Furnishing automatic pressure regulating assemblies with globe type valves for structure at Los Angeles River.

- (5) three automatic pressure regulating valve assemblies. Each assembly to consist of one manually - operated 24-inch gate valve with 2-in. by-pass, one 24-inch globe type valve for automatic regulation and shut-off with 2-in. by-pass, one 24-in. manually-operated conical plug type or follower ring gate valve with 2-in. by-pass, one erection coupling, steel plate nipples, pilot valves, and other equip. necessary for the complete assembly and operation of the valves;
- (6) if ordered within 30 days after date of contract, will furnish two additional automatic pressure regulating assemblies, complete, as described under item 5 of this schedule;

SCHEDULE 2P

Automatic pressure regulating assemblies with balanced plunger valves for structure at Los Angeles River.

- (7) three pressure regulating valve assemblies. Each assembly to consist of one 20-in. manually-operated gate valve with 2-in. by-pass, one 20-in. by 16-in. by 20-in. balanced plunger type valve for automatic regulation & shut-off with 2-in. by-pass, one 20-in. manually - operated conical plug type or follower ring gate valve with 2-in. by-pass, one erection coupling, steel plate nipples, pilot valves, and other equip. necessary for the complete assembly and operation of the valves;
- (8) if ordered within 30 days after date of contract, will furnish two additional automatic pressure regulating assemblies, complete, as described under item 7 of this schedule;

SCHEDULE 3P

Furnishing automatic pressure relief assemblies with balanced plunger type valves for structure at Los Angeles River.

- (9) two pressure relief assemblies. Each assembly to consist of one 16-in. manually - operated gate valve with 2-in. by-pass, one 16-in. by 12-in. by 16-in. automatically-operated balanced plunger type pressure relief valve, one erection coupling, steel plate nipples, pilot valves, and other equip. necessary for the complete assembly and operation of valves;

SCHEDULE 3A

Furnishing automatic pressure relief assemblies with angle type valves

for structure at Los Angeles River. Schedules 3P, 3A, and 3G are alternative.

- (10) two pressure relief assemblies. Each assembly to consist of one 16-in. manually - operated gate valve with 2-in. by-pass, one 16-in. automatically - operated angle type pressure relief valve, one erection coupling, steel plate nipples, steel elbows, pilot valves & other equip. necessary for complete assembly and operation of the valves;

SCHEDULE 3G

Furnishing automatic pressure relief assemblies with globe type valves for structure at Los Angeles River. Schedules 3P, 3A, and 3G are alternative.

- (11) two pressure relief assemblies. Each assembly to consist of one 18-in. manually - operated gate valve with 2-in. by-pass, one 15-in. automatically - operated globe type pressure relief valve, one erection coupling, steel plate nipples, pilot valves, and other equip. necessary for the complete assembly and operation of valves;

SCHEDULE 4

Furnishing slide gate assemblies for Ascot structures.

- (12) two 54-in. dia. slide gate assemblies. Each assembly to consist of gate leaf, frame guides, stem, floor stand and other equip. necessary for the complete assembly and operation of the slide gates for Ascot wasteway and Ascot diversion box struc.;

SCHEDULE 5

Furnishing gate valve assembly for Ascot outlet.

- (13) one flanged 30-in. manually-operated gate valve assembly complete with operating mechanism.

SCHEDULE 6

Furnishing the services of erecting engineers.

- (14) services of one or more erecting engineers.

The bids were:

Commercial Iron Works, Portland, Ore.—Sch. 1 item (12) \$1490; use or sales tax to be added. Gross ship wt 4200 lbs; dunnage, etc, 300 lbs; net wt for erection 3900 lbs. Disc 1/2 of 1%. Feb Portland. No bids other schedules.

Koppers Co. (Western Gas Division), Fort Wayne, Ind.—Sch. 4, item (12) \$1632; use tax \$4.96; total \$1,680.96. Gross ship wt not shown. Disc 2% Sch 5, item (13) \$350; use tax \$18.50; total \$366.50; wt not shown. Disc 2% fob Fort Wayne, Ind. No bids other schedules.

Joshua Hendy Iron Works, San Francisco—Sch. 4, item (12) \$3641; sales tax \$109.23; total \$3750.23. Gross ship wt 6500 lbs and 6000 lbs; dunnage, etc, 500 lbs. Net wt for erecting 12,000 lbs. No disc. No bids other schedules.

S. Morgan Smith Co., York, Pa.—Sch. 1, item (4) \$13,577; wt 47,650 lbs; dunnage 2250 lbs; net wt 44,400 lbs; (2) \$18,099; wt 20,950 lbs; dunnage 965 lbs, net wt for erection 19,935 lbs. No disc. Fob nearest railroad siding to job; use tax to be added. Sch 2C (3) \$23,955; (4) \$14,970; wt 12,557 lbs; dunnage, etc, 437 lbs, net wt for erection 12,120 lbs. No disc. F o b nearest railroad siding. Use tax to be added. No bid. Sch 3A (10) \$12,572, plus use tax; wt 8136 lbs; dunnage 401 lbs, net wt for 7735 lbs. No disc; fob nearest railroad. Sch 3G, Sch 4 and Sch 5, no bids; Sch 6 (14) \$25 per day.

Associated Piping & Engineering Co., Los Angeles—Sch. 1, item (1) fob L A, \$12,112; wt 31,000 lbs; dunnage 1000 lbs, net wt for erection 30,000 lbs; item 2, fob L A, \$18,164; use tax 1 and 2, \$903.28; total \$31,187.28; wt (2) 18,900 lbs, dunnage 900 lbs, net

wt for erection 18,000 lbs. Disc 1%. Sch 2C, item (3) fob L A, \$19,923; use tax \$597.79; total \$20,520.69; (4) fob L A, \$13,282; use tax \$398.46; total \$13,680.46; wt, each, 14,500 lbs, dunnage, 1500 lbs; net wt 13,000 lbs. Disc 1%. Sch 2G, item (5) fob L A, \$31,404; sales tax \$942.12; total \$32,346.12; item (6) fob L A, \$20,036; use tax \$628.08; total \$21,564.08; wt, each, 29,000 lbs, dunnage 2000 lbs; net wt for erection 27,000 lbs. Disc 1%. No bid Sch 3P. Sch 3A, item (10) f o b L A, \$5707; use tax \$171.21; total \$5878.21; wt 6000 lbs, dunnage 700 lbs; net wt for erection 5300 lbs. Disc 1%. Sch 3G, item (11) f o b L A, \$7101; use tax \$213.03; total \$7,314.03; wt 8000 lbs, dunnage 800 lbs; net wt for erection 7200 lbs. Disc 1%. No bid Sch 4. Sch 5, item (13) f o b L A \$396; use tax \$11.88; total \$407.88, wt 3000 lbs, dunnage 300 lbs; net wt 2700 lbs. Disc 1%. Sch 6, item (14) \$20 per day.

Rensselaer Valve Co., Los Angeles—Sch 5, item (13) f o b L A, \$550; use tax \$16.50; total \$566.50; wt 2650 lbs, dunnage 150 lbs, net wt for erection 2500 lbs. No disc.

Water Works Supply Co., Inc., Los Angeles—Sch 3G, item (11), f o b L A, \$4958; sales tax \$148.74; total \$5106.74; wt 7250 lbs, dunnage 250 lbs, net wt 7000 lbs. Disc 2%. Sch 4, item (12) f o b Orange, Mass., \$1,532; use tax \$45.96; total \$1577.96. Ship wt 7000 and 6700 lbs, dunnage 350 lbs; net. Wt for erection 6650 lbs and 6350 lbs. No disc. Sch 5 (13) f o b Oskaloosa, Iowa, \$545; use tax \$16.35; total \$561.35; wt 2965 lbs, dunnage 200 lbs, net wt for erection 2765 lbs. No disc. Sch 6, (14) \$25 per day.

Crane Co., Los Angeles—Sch 4, item (12) f o b Chicago, Ill, \$1400; use tax \$42; total \$1442; wt 6200 lbs, dunnage 400 lbs, net 5800 lbs. Disc 2%. Sch 5, item (13) f o b Chicago, Ill, \$634; use tax \$19; total \$653; wt 2700 lbs, dunnage 190 lbs, net wt for erection 2510 lbs. Disc 2%.

Chapman Valve Mfg Co, Indian Orchard, Mass.—Sch. 1, item (1) fob L A, \$14,485; wt 46,000 lbs, dunnage 2000 lbs, net wt for erection 44,000 lbs; item (2) f o b L A, \$18,150; wt 22,000 lbs, dunnage 1000 lbs, net wt for erection 21,000 lbs; use tax (1) \$971.75; total \$33,614.05. No disc. Sch 2C, item (3) f o b L A, \$25,500; use tax \$765; total \$26,265; item (4) f o b L A, \$16,400; use tax \$492; total \$15,892; wt, each, 13,100 lbs, dunnage 500 lbs; net wt 12,600 lbs. No disc. Sch 2P, item (7) f o b L A, \$29,310; sales tax \$297.50; use tax \$581.80; total \$30,189.30; item (8) f o b L A, \$19,000; sales tax \$194.40; use tax \$377.40; total \$19,631.80; wt 24,700 lbs. No disc. Sch. 3P, item (9) f o b L A, \$7456; sales tax \$126.36; use tax \$973; total \$7679.68; wt 7700 lbs, dunnage 700 lbs, net wt 7000 lbs. No disc. Sch 4, item (12) f o b L A, \$1495; use tax \$44.94; total \$1542.94; wt 6500 lbs, dunnage 200 lbs, net wt for erection 6300 lbs; no disc. Sch 6 (14) \$25 per day.

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until Jan. 31, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 759, for one vertical shaft, 15,000-horsepower, 225 r.p.m. hydraulic turbine; one governor with pumping equipment; and one 12,000-kv-a, 90-per cent power factor, vertical shaft, alternating current generator for installation in the Seminole power plant, Kendrick Project, Wyo. Apparatus will be installed by the Government; f.o.b. shipping point and/or Parco, Wyo.

Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—General Elec. Co., Los Angeles, at \$12,009.80 was awarded the contract by the Metropolitan Water District for ten electric motor starters for circulating water pumps at the Aqueduct Pumping plants. Spec. 257. * 25

BIDS OPENED

SAN BERNARDINO AND RIVERSIDE COS., Cal.—Bids for the rental of 75-hp. track type diesel engine tractor and angle dozer for use in San Bernardino or Riverside Counties, were opened by the State Highway Dept., San Bernardino, Dec. 30. The items bid upon are:

- (1) transportation to and from Lake Arrowhead (flat price, round trip);
- (2) rate per hour for track type tractor, angle dozer and tractor driver;
- (3) stand-by rate per hour for same.

The bids were:

	(1)	(2)	(3)
C. A. Spicer.....	\$100.00	\$5.50	\$1.50
Osvald Bros.....	60.00	6.50	3.00
C. G. Willis & Sons, Inc.....	120.00	5.24	1.00
Crowe Bros. Constr. Co.....	150.00	7.00	2.00
Charles Holmes.....	80.00	6.45	1.50
Beebe & Bailey.....	100.00	4.90	2.25
Silva & Hill Constr. Co.....	100.00	5.40	1.00
Lewis Constr. Co.....	150.00	6.30	4.50

BIDS WANTED

TACOMA, Wash.—Until Jan. 10, 1 P. M., bids will be received by the Board of Contracts and Awards, 370 City Hall, Tacoma, for furnishing and installing in Store building, two electric transfer cranes with wiring and contact system, one-ton electric trolley and hoist, 3-ton hand-operated trolley and chain hoist and one-ton hand-operated trolley and chain hoists.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 25

January 3, 1938.

BIDS OPENED

KLAMATH PROJECT, Oregon-Cal.—Following submitted bids to the Bureau of Reclamation, Denver, Colorado, under Spec. No. 999-D, for furnishing one motor-driven pumping unit for use in the Tule Lake No. 6 drainage pumping plant, Klamath Project, Oregon-Cal. Apparatus will be installed by the Government; f.o.b. shipping point.

Hendrie & Bolthoff Co., Denver, Colo.—\$2101.10, wt. 6000; net; f.o.b. Pomona, Cal.

Morris Machine Works, Baldwinville, N. Y.—\$2527, wt. 9050; net; f.o.b. Baldwinville.

Lawrence Mach. & Pump Corp., Lawrence, Mass.—\$2588, wt. 10,600; 1%; f.o.b. Lawrence.

Fairbanks - Morse & Co., Kansas City, Mo.—\$1607, wt. 3300; net; f.o.b. San Francisco.

S. Morgan Smith Co., York, Pa.—\$4750, wt. 9000; net; f.o.b. York and East Pittsburgh.

United Iron Works, Oakland, Cal.—\$3018, wt. 8320; net; f.o.b. Oakland.

Enginham Pump Co., Portland, Ore.—\$1863, wt. 5000; net; f.o.b. Portland.

Sterling Pump Corp., Stockton, Cal.—\$2050, wt. 7450; 3%.

Byron Jackson Co., Berkeley, Cal.—\$2428, wt. 3980; net; f.o.b. Berkeley.

Victor Equipment Co., Los Angeles, Cal.—\$1865, wt. 5650; 2%; f.o.b. Los Angeles. * 25

BIDS OPENED

BOULDER CANON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1000-D, for furnishing two oil tanks for the Boulder switchyard, Boulder Canyon Project, Arizona-California-Nevada; fob cars shipping point and/or Boulder City, Nevada. Tanks and appurtenances will be installed by the Government. John W. Beam, Denver, Colo.—\$1,620, wt. 20,200; f.o.b. Peotone, Ill.; \$2250, f.o.b. Boulder City, Nevada; ½ of 1%.

California Steel Products Co., San Francisco—\$1984, wt. 21,400; net; f.o.b. San Francisco, Cal.

Graver Tank & Mfg. Co., Inc., E. Chicago, Ind.—\$2200, wt. 19,200; net; f.o.b. Boulder City, Nev.

Berkeley Steel Const. Co., Inc., Berkeley, Cal.—\$2364, wt. 23,000; ½ of 1%; f.o.b. Berkeley.

Eaton Metal Products Co., Denver, Colo.—\$1806, wt. 16,500; ½ of 1%; f.o.b. Denver.

Emaco Derrick & Equipment Co., Los Angeles—\$2108, wt. 23,000; net; f.o.b. Los Angeles, Cal.

Southwest Welding & Mfg. Co., Alhambra, Cal.—\$1780, wt. 20,000; ½ of 1%; f.o.b. Alhambra, Cal.

Columbian Steel Tank Co., Kansas City, Mo.—\$1905, wt. 19,750; 2%; f.o.b. Kansas City.

Treadwell Constr. Co., Midland, Pa.—\$1848, wt. 21,000; net; f.o.b. Midland, Pa.

Bethlehem Steel Co., Bethlehem, Pa.—\$2000, wt. 18,000; net; f.o.b. Leetsdale, Pa. * 25

January 3, 1938.

BIDS OPENED

DENVER, Col.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1001-D, for furnishing (1) two 12,000-lb. capacity gasoline engine driven radial gate hoists for the spillway at the Unity Dam, Burnt River Project, Oregon, and (2) two 12,000-lb. capacity gasoline engine driven radial gate hoists for the spillway at the Moon Lake Dam, Moon Lake Project, Utah. Hoists will be installed by the Government, f.o.b. shipping point and/or railroad destinations.

Federal Iron Works, Denver, Colo.—\$7950, wt. 17,800; ½%; f.o.b. Denver. R. W. Kaltenebach Corp., Bedford, Ohio—\$7499, wt. 17,000; net; f.o.b. Cleveland.

Commercial Iron Works, Portland, Ore.—\$6640, wt. 15,500; ½%; f.o.b. Portland.

Koppers Co., Western Gas Div., Ft. Wayne, Ind.—\$7188, wt. 17,400; net; f.o.b. Ft. Wayne.

Long Beach Iron Works, Long Beach, Cal.—\$6250, wt. 16,000; net; f.o.b. Long Beach.

The Smith Corp., d/b/a Gen. Iron & Steel Works, Portland, Ore.—\$6322, wt. 18,000; net; f.o.b. Portland.

Puget Sound Mchy. Depot, Seattle, Wash.—\$6257.77, wt. 19,000; net; f.o.b. Seattle.

Valley Iron Works, Yakima, Wn.—\$6000, wt. 14,000; 5%; f.o.b. Yakima.

Footo Bros. Gear & Machine Corp., Chicago, Ill.—\$5670, wt. 13,000; net; f.o.b. Chicago. * 25

CONTRACT AWARDED

ORANGE CO., Cal.—Foster Sand & Gravel Co., Fullerton, submitted only bid and was awarded contract by State Highway Department, 808 State Bldg., Los Angeles, Dec. 30, for the rental of truck and trailer equipment for transporting heavy equipment in Orange County.

Bids taken as follows:

- (a) Hauling with standard truck and

- for trailer 10 tons maximum net load;
- (b) same, over 10 tons to and incl. 14 tons net load;
- (c) same, over 14 tons to and incl. 24 tons net load;
- (d) Hauling where low bed trailer required, 14 tons max. net load;
- (e) same, over 14 tons to and incl. 24 tons net load;
- (f) same, 24 tons to and incl. 35 tons net load.

The bid was: (a) \$3; (b) \$3.75; (c) \$4.50; (d) \$5.50; (e) \$6; (f) \$7. * 25

BIDS OPENED

OAKLAND, Cal.—Sam Bates Company, 1925 Dennison St., Oakland, at \$976.00 submitted only bid to Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing one used drum hoist. * 25

26—RAILROADS

January 5, 1938.

BIDS WANTED

SAN FRANCISCO AND ALAMEDA COS., Calif.—Until Jan. 26, 2 p.m., bids will be received by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction of the catenary and feeders of the railway facilities of the San Francisco-Oakland Bay Bridge.

Work involves:

PROPOSAL A

CONTRACT R-10—Main Bridge and San Francisco Loop

- (1) Feeder cables at San Francisco substation;
- (2) Feeder cables at Island substation and tie station;
- (3) W-4 tie station;
- (4) Island tie station building and equipment;
- (5) E-7 tie station;
- (6) 12 disconnect switches, 1200 amperes, Type K;
- (7) 12 disconnect switches, Type R, at San Francisco terminal and anchorage;
- (8) 5,000 lb. inf. feeder cable;
- (9) Jumper cables at bridge expansion joints;
- (10) 15,000 lbs. misc. iron;
- (11) Overhead construction;
- (12) Power line to San Francisco terminal.

PROPOSAL B

CONTRACT R-21C—East Bay Yard

- (13) Feeder cables at Mole substation;
- (14) Yard tie station;
- (15) East End tie station;
- (16) 7 disconnect switches, 1200 amperes, Type H;
- (17) 6 disconnect switches, 1200 amperes, Type B-SPDTC;
- (18) 3 disconnect switches, 1200 amperes, Type R;
- (19) Connections, 600-volt overhead, to contact rail;
- (20) 35,000 lbs. misc. iron;
- (21) Overhead construction;
- (22) Power line to inspection buildings.

Bids will be received from contractors properly prequalified therefor on any or all of the following proposals:

Proposal A: Covers Contract R-10 catenary and feeders, main bridge and S. F. loop, bidding items 1 to 12.

Proposal B: Covers Contract R-21C catenary and feeders, East Bay yard, bidding items 13 to 22.

Proposal C: Covers Contract R-10 catenary and feeders, main bridge and S. F. loop and East Bay Yard, bidding items 1 to 22.

The Engineer reserves the right to award the contract on any combination of the above proposals A to C that will result in the lowest sum for the entire work.

Plans and specifications may be obtained from the above office. * 26

29— STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO.—Until January 21, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. ER-868-38-81, for the construction of a roadway, less paving and preparation of subgrade, on the west side of Yerba Buena Island, for a length of approximately 933 ft. from the southern end of the recently completed portion of the roadway to the San Francisco-Oakland Bay Bridge. Roadway varies in width from 64 ft. to 130 ft. in a five part grade separation structure. The construction of the roadway includes disposal of roadway excavation so as to continue the construction of the causeway fill from Yerba Buena Island to the fill to the north.

Work involves:

- (1) 4.5 acres clear and grub;
- (2a) 78,900 c.y. rdwy. excav., unclass.
- (2b) 1,586,000 cu. yds. overhaul;
- (2c) 500 c.y. rock fill;
- (3) 2,000 M. gals. water for embankments;
- (4a) 4,130 c.y. struc. excav., unclass.;
- (4b) 3,650 c.y. struc. backfill;
- (5) 1,750 c.y. Class A concrete;
- (6) 198,000 lbs. reinforcing steel;
- (7) 700,000 lbs. structural steel;
- (8) 1,154 MBM timber structures;
- (9) 35,000 sq. ft. wallboard sheathing;
- (10) 29 MBM timber cribs;
- (11) 58,300 sq. ft. painting woodwork
- (12a) 35,000 sq. ft. painting sheathing three coats;
- (12b) 25,000 sq. ft. painting sheathing, finish coat on prior work;
- (13a) 700 l.f. 8-inch corr. pipe;
- (13b) 310 l.f. 12-inch corr. pipe;
- (13c) 500 l.f. 18-inch corr. pipe;
- (13d) 100 l.f. 4-inch drain tile;
- (14) 1 complete relocate sewer line item.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

COMPLETE BIDS

COCONINO CO., Ariz.—J. A. Casson, Phoenix, and 319 Warren Street, Hayward, Cal., at \$62,570, submitted low bid to the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, for placing bituminous treated crushed rock surfacing (Class F) on 14,605 ml. of Section A1 and A2, Rt. 1, and Sections A1, A2 and B of Rt. 2, Grand Canyon National Park, Coconino Co., Ariz.

Work involves:

- (1) 500 tons crushed rock shoulders;
- (2) 85 tons applying Government-furnished emulsified asphalt for tack coat;
- (3) 4000 tons Class F, dense plant mixture for wearing course;
- (4) 850 tons Class F, dense plant mixture for wearing course.

Total bids follow:

(A) J. A. Casson, Phoenix.....	\$62,570.00
(B) Sou. Calif. Roads Co., Los Angeles	67,530.00
(C) Olof Nelson, Logan, Utah	69,635.00
(D) Pearson & Dickerson, Prescott	76,698.75
(E) Lee Moor Contract Co., El Paso	79,850.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$2.50	\$2.00	\$2.00	\$2.50	\$2.75
(2).....	12.00	13.00	6.00	6.75	10.00
(3).....	4.35	4.80	5.00	5.50	5.00
(4).....	4.45	4.80	5.00	5.50	6.00

CONTRACT AWARDED

NEVADA AND SIERRA COS., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$182,337, was

awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on crusher run base 6.8 ml. between Hivichade and the Nevada State Line. * 29

LOW BIDDER

COCONINO CO., Ariz.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$207,534, submitted low bid to the Arizona State Highway Commission, Phoenix, for 25.6 miles of subgrading roadway and refinishing slopes, aggregate base course, 90-95 road oil plant-mix and one-half mile of asphalt surface treatment, Flagstaff-Fredonia Highway, FAP 95-B, AFE 8972; FL 4-C, AFE 8973. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened as noted below:

*I-D-N-1-B—Bet. Wilson Creek & Last Chance Slide: PLANS (No. of Sheets), 16; cost, \$2.40; CROSS-SECTIONS (No. of Sheets), 14; cost, \$14.20; total, \$16.60.

*IV-SCI-Feeder—Bet. North line of Las Uvas Rancho and Crov Road: PLANS (No. of Sheets), 13; cost, \$2.00; CROSS-SECTIONS (No. of Sheets), 25; cost, \$3.75; total, \$5.75.

*IV-SCR-67-A—Br. across Salsipuedes Creek: PLANS (No. of Shts.), 11; cost, \$1.70; CROSS-SECTIONS (No. of Sheets), 4; cost, \$0.40; total, \$2.10.

*VII-Ven-60-A—At Big Sycamore Creek: PLANS (No. of Sheets), 5; cost, \$0.50; CROSS-SECTIONS (No. of Sheets), 21; cost, \$2.10; total, \$2.60.

*X-Mer-Feeder—Bridges and culvert southeast of Merced: PLANS (No. of Sheets), 5; cost, \$0.75; CROSS SECTIONS (No. of Sheets), None; total, \$0.75.

Checks for the above should be made payable to the Dept. of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

† To be opened in San Francisco January 21, 1938.

§ To be opened in Los Angeles on January 20, 1938.

* To be opened in Sacramento on January 19, 1938. * 29

CONTRACT AWARDED

CLARK CO, Nevada.—Silver State Construction Co., Inc., Fallon, Nev., at \$25,049.84, submitted low bid and was awarded contract by the Nevada State Department of Highways, Heroes Memorial Bldg., Carson City, Nev., for 7.34 ml. of highway construction from Jean to Goodsprings, Rt. 53, Sec. A, Clark Co., Nev.

Three low bids follow:
Silver State Construction Co., Inc., Fallon, Nevada—\$25,049.84.

Young & Son Co., Ltd., Berkeley—\$25,062.52.

Nevada Rock & Sand Co., Inc., Reno—\$25,971.01.

Complete bids will be published shortly. * 29

BIDS OPENED

HICKAM FIELD, T. H.—Hawallan Contracting Co., Honolulu, at \$412,706, submitted low bid to the Purchasing and Contracting Officer, Hickam Field, for the construction of the landing mat at Hickam Field, T. H.

Moses Akiona, Honolulu, at \$425,000, submitted second low bid. * 29

COMPLETE BIDS

LYON CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$59,967.64, submitted low bid to the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of 4.10 miles of highway from 8.5 miles north of Wabuska to Weeks, Route 2E, Section B, Lyon County, Nevada.

Work involves:

- (1) 76 each remove trees;
- (2) 15 each remove stumps;
- (3) 7,347 l.f. remove fence;
- (4) 178 l.f. remove culvert pipe;
- (5) 1 each remove check gate;
- (6) lump sum remove bridge;
- (7) 54,801 c.y. rdwy. excav.;
- (8) 2,540 cu. y. drainage excav.;
- (9) 54 sta. V type ditches;
- (10) 57 sta. slope rounding;
- (11) 143,749 yd. sta. overhaul, yd. sta.
- (12) 17,823 yd. m. overhaul, yd. ml.;
- (13) 750 c.y. struc. excav.;
- (14) 825 c.y. backfill;
- (15) 4.07 miles subgrade, type C;
- (16) 8 M. gals. water;
- (17) 8,775 tons Type 1 gravel base;
- (18) 17,608 tons gravel surface;
- (19) 191 c.y. Class A concrete;
- (20) 35 c.y. Class B concrete;
- (21) 276 c.y. Class D concrete;
- (22) 52 c.y. Class D concrete, for seal
- (23) 318 l.f. concrete rail;
- (24) 79,020 lbs. reinf. steel;
- (25) 4,330 lbs. struc. steel;
- (26) 0.25 MFPM Redwood;
- (27) 1,440 l.f. untreated timber piles;
- (28) 480 l.f. treated timber piles;
- (29) 64 each drive timber piles;
- (30) 820 l.f. 18-in. corr. metal pipe;
- (31) 314 l.f. 24-in. do;
- (32) 210 l.f. 36-in. do;
- (33) 68 l.f. relay culvert pipe;
- (34) 7,203 l.f. reconstruct fence;
- (35) 45 each monuments;
- (36) 45 l.f. timber curb;
- (37) lump sum reconstruct railroad crossing.

Complete bids follow:

- (A) Nevada Rock & Sand Co., Inc., Reno, \$59,967.64.
- (B) Silver State Const. Co., Inc., Fallon, Nev., \$65,015.80.
- (C) Dodge Const., Inc., Fallon, Nev., \$67,422.09.
- (D) Utah Const. Co., Ogden, Utah, \$71,047.16.
- (E) Isbell Const. Co., Reno, \$75,468.24.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$15.00	\$ 5.00	\$15.00	\$ 7.00	\$15.00
(2)	5.00	5.00	5.00	5.00	10.00
(3)	.02	.05	.03	.02	.03
(4)	.75	.50	1.00	.50	1.00
(5)	15.00	50.00	10.00	15.00	15.00
(6)	600.00	1000.00	1000.00	800.00	1000.00
(7)	.24	.31	.30	.25	.35
(8)	.25	.30	.40	.40	.35
(9)	4.00	5.00	5.00	7.00	5.00
(10)	4.00	5.00	10.00	7.50	5.00
(11)	.005	.01	.01	.01	.01
(12)	.10	.10	.15	.15	.10
(13)	1.50	2.00	2.00	7.00	6.00
(14)	.50	1.00	1.00	.60	.50
(15)	100.00	100.00	100.00	100.00	100.00
(16)	4.00	3.00	2.50	5.00	1.50
(17)	.30	.50	.40	.45	.35
(18)	.50	.50	.50	.60	.50
(19)	24.00	20.00	23.00	32.00	25.50
(20)	27.50	20.00	23.00	34.00	35.00
(21)	25.00	30.00	28.00	28.00	31.00
(22)	25.00	20.00	18.00	22.00	31.00
(23)	5.00	4.00	4.00	3.75	4.00
(24)	.06	.06	.06	.06	.065
(25)	.12	.15	.20	.12	.15
(26)	150.00	200.00	200.00	100.00	100.00
(27)	.60	.75	.60	.40	.92
(28)	.80	1.00	.90	.65	1.15
(29)	25.00	10.00	20.00	30.00	25.00
(30)	2.50	2.00	2.25	2.50	2.15
(31)	3.25	2.50	3.25	3.25	3.40
(32)	5.50	4.00	5.50	4.50	6.50
(33)	1.00	.50	.50	1.00	1.00
(34)	.12	.05	.08	.06	.08
(35)	3.00	4.00	3.00	4.00	4.00
(36)	1.25	1.00	1.50	1.00	2.00
(37)	250.00	100.00	400.00	225.00	500.00

BIDS WANTED

HOOD RIVER, Ore.—Until Jan. 12, 3 P. M. (date postponed from Jan. 6) bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-33-197, for the construction of an overhead railroad crossing and approach roads, road surfacing, a system of drainage, a pump-house, and miscellaneous concrete work at Hood River, Oregon.

Work involves:

- (1) 2110 c.y. unclass. excav.;
- (2) 1000 c.y. unclass. borrow;
- (3) 30 hours furnishing and operating 10-ton roller;
- (4) 550 c.y. excav., drainage system;
- (5) 10 l.f. 12-inch vit. clay or conc. sewer pipe, in place;
- (6) 170 l.f. 10-inch do;
- (7) 150 l.f. 8-inch do;
- (8) 900 l.f. 6-inch clay drain tile, in place;
- (9) 300 c.y. rock surfacing, 4-inch to 0-inch;
- (10) 180 c.y. rock surfacing, 1½ in. to 0-inch;
- (11) 50 c.y. filler;
- (12) 95 c.y. Class A conc., in place;
- (13) 245 c.y. Class B conc., in place;
- (14) 23,800 lbs. reinf. steel, in place;
- (15) 1526 lbs. electrically welded fabric, in place;
- (16) 4/10-mil. preparation of base;
- (17) 360 c.y. mineral agg., in place;
- (18) 26 tons 95/ road oil, in place;
- (19) 17 tons cutback asphalt, in place;
- (20) 1235 cu. yds. oil mat surface treatment, on trestle;
- (21) 462 l.f. wooden asphalt superstructure;
- (22) 100 MFEM wooden trestle substructure;
- (23) 52,000 lbs. struc. steel, in place;
- (24) one job misc. ferrous metal, in place;
- (25) one job painting;
- (26) one job sluice gate, in place;
- (27) one job transfer of posts.

Plans and specifications may be obtained at the above office. 29

CONTRACT AWARDED

WASHOE CO., Nev.—Isbell Constr. Co., Reno, Nevada, at \$21,828.09, submitted low bid and was awarded contract by the Nevada State Dept. of Highways, Heroes Memorial Bldg., Carson City, Nev., for 1.70 mi. highway construction from Junction with State Route 3 to a point approximately two miles west, Rt. 27, Sec. B, Washoe Co., Nev.

Three low bids follow:

Isbell Constr. Co., Reno, Nevada—\$21,828.09.

Dodge Construction Co., Inc., Falcon—\$22,677.04.

Nevada Rock & Sand Co., Inc., Reno—\$26,961.74.

Complete bids will be published shortly. 29

BIDS WANTED

SOUTH GATE, Los Angeles Co., Cal.—Until Jan. 24, 7:30 P. M., bids will be received by South Gate city council for improvement of California Ave. between Southern Ave. and Tweedy Blvd., about .42 mi. in length. Work involves:

- (1) 4945 sq. yds. excav. and preparation of subgrade;
- (2) 1300 tons furnishing, spreading and rolling decomposed granite;
- (3) 8 sewer manholes raised and set to grade;
- (4) 112 tons coarse agg. asphalt base furnished, spread and rolled;
- (5) 1497 tons surface finish asphalt concrete, furnished, spread and rolled.

Cash, certified or cashier's check for 10% must accompany bid. Specifications available from City Engineer, City Hall, South Gate.

AIR CORPS BARRACKS, HICKAM FIELD, T. H.

AIR CORPS BARRACKS, ETC.
HICKAM FIELD, T. H.

Construct and complete four 132-man Air Corps Barracks, one 200-man Air Corps Barracks (Est. cost, \$660,000), and one Quartermaster Warehouse (Est. cost, \$110,000), together with all utilities thereto.

Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General, Constructing Division, Washington, D. C. Bids were received as follows: (1)

	(A)	(B)	(C)	(D)
I	\$811,600.00	\$838,533.00	\$860,800.00	\$927,000.00
-A	† 60,047.00	61,000.00	61,200.00	72,000.00
-B	* 160,000.00	156,000.00	164,000.00	165,000.00
-C	* 160,000.00	156,000.00	149,000.00	155,000.00
I-C	* 149,500.00	144,000.00	150,000.00	150,000.00
	† 149,500.00	144,000.00	137,000.00	140,000.00
I-D	† 250.00	500.00	825.00	428.00
I-E	† 6,600.00	5,200.00	7,000.00	6,000.00
I-F	* 2,600.00	2,500.00	2,800.00	2,500.00
-G	† 1,800.00	1,900.00	2,050.00	1,600.00
II	122,000.00	112,856.00	111,600.00	148,000.00
II-A	† 16,000.00	13,200.00	15,200.00	16,000.00
II-B	† 32,000.00	25,000.00	30,700.00	33,000.00
II-C	† 1,400.00	700.00	1,000.00	800.00
II-D	† 200.00	170.00	70.00	63.00
II-E	† 87.00	180.00	90.00	50.00
II-F	† 220.00	130.00	800.00	40.00
II-G	* 530.00	325.00	250.00	261.00
III	922,000.00	951,428.00	970,000.00	1,044,000.00
IV (1)	.80	-----	* 2.00	-----
	-----	1.25	† 1.00	1.50
IV (2)	1.20	-----	* .85	-----
	-----	1.50	† .70	1.00
IV (3)	.03	.05	† .01	.01
V (4)	.30	.20	† .10	.10
V (5)	1.50	3.50	† 1.90	2.00
IV (6)	1.40	3.50	* 1.65	1.80
IV (7)	-----	-----	† 1.25	-----
IV (7)	1.00	2.30	* 1.00	1.00
	-----	-----	† .80	-----
IV (8)	.60	2.00	* .55	1.50
	-----	-----	* .45	-----
IV (9)	18.00	16.00	* 19.20	20.00
	20.00	-----	† 15.50	-----
V (10)	20.00	17.00	* 19.85	25.00
	-----	-----	† 18.00	-----
IV (11)	95.00	110.00	* 109.00	100.00
	-----	-----	† 80.00	-----
V (12)	100.00	115.00	* 150.00	180.00
	-----	-----	† 125.00	-----
IV (13)	65.00	48.60	* 75.00	55.00
IV (14)	.30	.22	* .25	.28
	-----	-----	† .20	-----
IV (15)	.40	.24	* .30	.35
	-----	-----	† .25	-----
V (16)	1.40	.91	* 1.50	1.25
	-----	-----	† 1.25	-----
IV (17)	1.95	1.22	* 2.10	1.50
	-----	-----	† 1.75	-----
IV (18)	.65	.90	* .85	.75
	-----	-----	† .70	-----
IV (19)	.65	1.10	* .83	.75
	-----	-----	† .68	-----
IV (20)	18.00	12.00	* 14.00	10.00
	-----	-----	† 10.75	-----
IV (21)	18.00	16.00	* 17.00	9.00
	-----	-----	† 13.00	-----
IV (22)	33.00	36.00	* 36.00	35.00
	-----	-----	† 28.00	-----
IV (23)	13.00	28.00	* 21.00	18.00
	-----	-----	† 16.65	-----
IV (24)	14.00	24.00	* 17.00	14.00
	-----	-----	† 14.00	-----
IV (25)	.04	C. 4.00	* .025	.04
	-----	-----	† .02	-----
IV (26)	60.00	60.00	* 60.00	80.00
	-----	-----	† 70.00	-----
IV (27)	45.00	80.00	* 157.00	85.00
	-----	-----	† 130.00	-----
IV (28)	.18	.18	* .12	.06
	-----	-----	† .10	-----
IV (29)	.90	1.00	* 1.00	1.50
	-----	-----	† .65	-----
IV (30)	1.25	2.25	* 1.65	3.50
	-----	-----	† 1.25	-----
IV (31)	.13	.20	* .14	.12
	-----	-----	† .11	-----
IV (32)	-----	.20	* .27	.20

(Continued on Next Page)

IV (33).....	1.30	1.20	* 1.45	1.40
			† 1.15	
IV (34).....	1.50	1.35	* 1.65	1.60
			† 1.35	
IV (35).....	1.70	1.50	* 1.80	1.75
			† 1.50	
IV (36).....	2.50	2.30	* 2.75	2.60
			† 2.25	
IV (37).....	1.50	1.10	* 1.55	1.50
			† 1.25	
IV (38).....	1.65	1.50	* 1.65	1.60
			† 1.35	
IV (39).....	1.80	1.00	* 1.55	1.50
			† 1.25	
IV (40).....	1.45	1.20	* 1.65	1.60
			† 1.35	
IV (41).....	2.50	1.75	* 2.60	2.50
			† 2.20	
IV (42).....	1.25	1.50	* 1.50	1.25
			† 1.25	
IV (43).....	1.00	1.50	* 1.20	1.00
			† 1.00	
IV (44).....	.80	.50	* .95	.80
			† .80	

NOTE: * equals ADDITIONS; † equals DEDUCTIONS.

As previously reported, three low bids received at Hickam Field follow: Tucker McClure, Canal Zone, \$811,600; Pioneer Constr. Co., Seattle, Wash., \$823,000; MacDonald Constr. Co., St. Louis, Mo., \$835,533. (5666) 1st report Nov. 8; 5th, Jan. 4, 1937.

BIDS WANTED

STATE OF WASHINGTON.—Until Jan. 18, 10 a.m., bids will be received by the Director of Highways, L. V. Murrow, Olympia, Wash., for highway and bridge construction, as follows:

Jefferson County: Clearing, grading, draining and surfacing of about 3.2 miles of Primary State Highway No. 9, Brinnon to Quilcene (Walker Mountain Section), Federal Aid Project No. 136-I, in Jefferson Co., Washington, involving about 30 acres of clearing, 231,490 c.y. of excav., 2,310 c.y. of shoulder material, 7,930 c.y. of crushed stone surfacing, 77 c.y. of concrete, 14,220 lbs. of steel reinforcing bars, 8,920 l.f. of cable guard rail design No. 6, 5,200 l.f. of half-round corrugated metal gutter, 1,675 l.f. of pipe culverts and other items.

Grays Harbor County: Clearing, grading, draining and surfacing of about 5.1 miles of Primary State Highway No. 9, Cook Creek Hill to Quinalt, Federal Aid Project No. 43-B, in Grays Harbor County, Wash., involving about 28 acres of clearing, 49,280 c.y. of excav., 36,710 c.y. of selected roadway borrow, 2,980 c.y. of shoulder material, 15,690 c.y. of crushed stone surfacing, 95 c.y. of concrete, 13,300 l.f. of steel reinforcing bars, 1,927 l.f. of pipe culverts, and other items.

Pacific County: Paving with Portland cement concrete and widening four concrete bridges of about 0.2 mile of Primary State Highway No. 12, Globe to Cramers Crossing, Bridge Widening, Federal Aid Project No. 131-F, in Pacific County, Wash., involving about 1,625 c.y. of excav., 2,096 sq. yds. of cement concrete pavement, 794 c.y. of concrete, 155,290 lbs. of steel reinf. bars, 1,400 lin. ft. of precast concrete piling, 68 lin. ft. of pipe culverts, and other items.

Adams County: Clearing, grading, draining, surfacing and stockpiling crushed stone on about 15.5 mi. of Primary State Highway No. 18, Sec. 1, Neppel to Adams County Line, and Section 2, Burke to Neppel, State Project, in Grant County, Washington, involving about 347,710 c.y. of excav., 103,610 c.y. of ballast, 47,770 c.y. of crushed stone surfacing, 24 c.y. of concrete, 23 MFEM of treated and 1 MFEM of untreated timber and lumber, 1,968 lin. ft. of pipe culverts and other items.

Lincoln County: Manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on Primary State Highway No. 22, Dav-

enport to Detillion Bridge, State Project, in Lincoln County, Wash., involving about 6,000 c.y. of crushed stone surfacing and 2,500 c.y. of mineral aggregates (oil rock).

Cowlitz County: Surfacing with crushed stone, manufacturing and stockpiling mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 15.0 miles of Secondary State Highway No. 1-R Junction Primary State Highway No. 1—Easterly, State Project, in Cowlitz County, Wash., involving about 24,190 cubic yards of crushed stone surfacing, 3,115 cubic yards of mineral aggregates (oil rock), 370 tons of bituminous cement, and other items.

Whitman and Spokane Counties: Surfacing with crushed stone and constructing a light bituminous surface treatment on about 15.9 miles of Secondary State Highway No. 3-H, Tekoa to Fairfield, State Project, in Whitman and Spokane Counties, Washington, involving about 25,915 cu. yds. of crushed stone surfacing, 390 tons of bituminous cement, and other items.

Thurston County: Manufacturing and stockpiling crushed stone surfacing and mineral aggregate (oil rock) on Secondary State Highway No. 5-I, Yelm-West, State Project, in Thurston County, Washington, involving about 5,440 cu. yds. of crushed stone surfacing and 1,220 cu. yds. of mineral aggregates (oil rock).

Okanogan County: Surfacing with crushed stone, manufacturing and stockpiling mineral aggregates (oil rock) and constructing bituminous retreat surface and bituminous surface treatment road-mix type, class "B," on about 15.1 miles of Secondary State Highway No. 10-A, Mason City to Nespelem, State Project, in Okanogan County, Wash., involving about 13,670 cubic yards of crushed stone surfacing, 13,980 cubic yards of mineral aggregates (oil rock), 912 tons of bituminous cement, and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

BIDS OPENED

SAN JOAQUIN CO., Cal.—Fredericksen & Westbrook, P. O. Box 132, Lower Lake, at \$28,789.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with untreated crushed gravel or

stone, 5.5 miles between Bacon Island Ferry and Mandeville Island Ferry, San Joaquin County.

Work involves:
 (1) 500 M. gals. water;
 (2) 10,000 s.y. rdwy. excav., unclass.;
 (3) 65,000 sta. yds. overhaul;
 (4) 14,850 tons of untreated crushed gravel or stone surf.

- Total bids follow:
 (A) Fredericksen & Westbrook, P. O. Box 132, Lower Lake, \$28,789.50.
 (B) Claude C. Wood, Stockton, \$29,880.00.
 (C) Louis Biasotti & Son, Stockton, \$30,036.00.
 (D) E. A. Forde, San Anselmo, \$31,391.50.
 (E) Geo. French, Jr., Stockton, \$31,443.00.
 (F) A. J. Raisch, San Francisco, \$31,494.50.
 (G) Clausen & Corfield, Berkeley, \$32,391.00.
 (H) Piazza & Huntley, San Jose, \$33,095.50.
 (I) Beerman & Jones, Stockton, \$33,350.00.
 (J) Bodenhamer Const. Co., Oakland, \$33,764.50.
 (K) A. Soda & Sons, Oakland, \$34,537.50.
 (L) Lee J. Immel, Berkeley, \$34,850.
 (M) J. R. Reeves, Sacramento, \$39,219.50.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$.75	\$.20	\$.002	\$1.77
(B)	1.00	.20	.01	1.80
(C)	1.50	.25	.01	1.76
(D)	1.00	.25	.005	1.89
(E) .....	.75	.25	.01	1.88
(F)	1.00	.29	.005	1.87
(G)	1.00	.22	.009	1.96
(H)	1.25	.20	.005	2.03
(I)	1.00	.25	.01	2.00
(J)	1.00	.22	.005	2.07
(K) .....	.80	.75	.01	1.75
(L)	1.00	.40	.01	2.00
(M)	1.00	.32	.005	2.37

BIDS WANTED

MARICOPA and Yuma Cos. Ariz.—Until Jan. 18, 10 A. M., bids will be received by Howard S. Reed, Arizona State Highway Engineer, Phoenix, for improvement of Phoenix-Yuma Highway (Smurr Bridge) FA 56, 3rd reop. (1935) AFE 8083. The work, which is located about 5 miles west of Gila Bend, consists of grading and draining 1/2 mile of roadway, and placing agg. base course and oil mix using SC-3 road oil, and is to be completed on or before April 30.

- The work involves:
 (1) 1700 c.y. rdwy. excav.;
 (2) 2500 c.y. drainage excav.;
 (3) 300 c.y. struc. excav.;
 (4) 2400 c.y. imported borrow;
 (5) 1700 c.y. select material;
 (6) 1200 tons agg. base course;
 (7) 235 M. gals. sprinkling;
 (8) 70 hours rolling;
 (9) 14 c.y. Class A concrete;
 (9) 11,200 lbs. reinf. steel;
 (10) 118 l.f. CMP (2 sizes);
 (11) 860 tons oil mix;
 (12) 13,500 gals. road oil (SC-3);
 (13) 100 tons screenings;
 (14) 560 tons salvage and relay oil oil mix;
 (16) 375 tons salvage and stockpile oil oil mix. * 29

CONTRACT AWARDED

YAKIMA COUNTY, Wash.—Lucich Co., 3001 21st St., Seattle, at \$45,911.25 was awarded contract by the U. S. Bureau of Public Roads, 36 New Post Office Bldg., Portland, for constructing or improving 1.395 miles of highway on Randle-Yakima (East Side) Highway Grading Proj. 13-W, Washington National Forest Road Project, located within the Snoqualmie National Forest, Yakima Co., Wash. * 29

BIDS WANTED

SAN DIEGO CO., Cal.—Until Jan. 27, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Building, Los Angeles, for grading and surfacing with plant-mix surfacing about 0.2 ml. on Douglas Street between Eagle Street and University Avenue, in the City of San Diego, San Diego County, Cal.

Work involves:

- (1) 1 only, removing palm tree;
(2) Clear and grub right of way;
(3) 680 M. gals. water;
(4) 470 c.y. roadway excav., without class;
(5) 325 c.y. struc. excav.;
(6) 30,700 c.y. import borrow;
(7) 21 c.y. remove concrete;
(8) 700 tons crusher run base;
(9) 520 tons mineral aggregate plant mix surf.;
(10) 25 tons liq. asph. MC-5 or MC-extra heavy plant-mix surf.;
(11) 2 tons liq. asph., SC-2 (prime coat);
(12) 770 sq. yds. asph. paint binder;
(13) 1,700 lbs. bar reinf. steel;
(14) 20 c.y. class A portland cement concrete strucs.;
(15) 55 c.y. class A portland cement concrete curbs and sidewalks;
(16) 323 lf. 24-in. stand. reinf. conc. pipe;
(17) 220 lf. 18-in. CMP;
(18) 103 lf. remove, clean and salvage exist. pipe culverts;
(19) 4 each frames and gratings for catch basins;
(20) 100 lf. remove and dispose of guard rail;
(21) 1,000 lf. laminated guard railing;
(22) 24 lf. pipe handrail.
Plans and specifications may be obtained from the above office. * 29

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$713, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-79, for roadway repairs on Yerba Buena Island, San Francisco Bay.

Bids were taken as follows:

- (1) 250 gals. prime coat, liq. asph., Type MC-2;
(2) 100 tons plant-mix cutback asphalt;
(3) 1200 gals. penetration oil treatment (ROMC-3).

Total bids were as follows:

- (A) Chas. L. Harney, \$713 (disc. 2% 30 days).
(B) Ransome Co., Emeryville, \$860 (net).
(C) Hayward Building Materials Co., Hayward, \$945 (disc. 1% 10 da.).
Unit bids were as follows:

Table with 3 columns: Bid Item, (A), (B), (C). Rows include items 1, 2, and 3 with corresponding bid amounts.

Award of contract probably will be made Monday. * 29

BIDS WANTED

OAKLAND, Calif.—Until Jan. 17, 4:30 p.m. (date postponed from Jan. 10), bids will be received by the City of Oakland Port Commission, for furnishing labor and material and placing crusher run rock on 19th Ave., Oakland.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

LYON CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$59,967.64, was awarded contract by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of 4.10 mi. of highway from 8.5 mi. north of Wabuska to Weeks, Route 2E, Section B, Lyon Co., Nevada. * 29

PERSHING CO., Nev.—Highway Construction—(State)

PERSHING CO., Nev.—Utah Construction Co., Ogden, Utah, at \$16,808.37, was awarded contract by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 2.04 miles of highway from the north city limits of Lovelock to a point approximately two miles north, Pershing Co., Nevada.

Work involves:

- (1) 2 each remove culverts (timber)
(2) 1,453 c.y. rdwy. excav.;
(3) 50 c.y. drainage excav.;
(4) 15,206 c.y. imported borrow;
(5) 105 c.y. struc. excav.;
(6) 100 c.y. backfill;
(7) 2.04 miles subgrade, Type C;
(8) 10 M. gals. water;
(9) 12 tons liquid asphalt, Type SC2 (seal coat);
(10) 161 tons do (road-mix);
(11) 2.04 miles road-mix;
(12) 16 each road-mix intersections;

- (13) 48 c.y. Class A concrete;
(14) 4 c.y. Class B concrete;
(15) 5,100 lbs. reinf. steel;
(16) 82 lf. 12-in. corr. metal pipe;
(17) 104 lf. 18-in. do;
(18) 14 sq. yds. grouted rubber gutter
(19) 13 each culvert markers;
(20) 10 each guide posts;
(21) 6 each monuments.

Complete bids follow:

- (A) Utah Constr. Co., Ogden, Utah—\$16,808.37.
(B) Silver Star Construction Co., Inc., Fallon, Nevada—\$16,981.35.
(C) Construction Finance Company, Reno—\$18,323.58.
(D) Dodge Constr. Inc., Fallon—\$19,100.60.
(E) Nevada Rock & Sand Co., Inc., Reno—\$19,629.90.
(F) Isbell Constr. Co., Reno—\$19,700.08.

Unit prices follow:

Table with 7 columns: Bid Item, (A), (B), (C), (D), (E), (F). Rows include items 1 through 21 with corresponding unit prices.

LOS ANGELES—STREET IMPROVEMENT—(City)

LOS ANGELES, Cal.—Tomei Const. Co., 4737 Orion Ave., Van Nuys, at \$24,761.50 submitted low bid to the Los Angeles Board of Public Works for grading, paving and otherwise improving streets in Bauchet Street and Avila Street Improvement District, Union Passenger Terminal Station, PWA Project #361, Unit J-4.

The work involves:

- (1) lump sum, grading (3531 c.y. of excav. and 246 c.y. fill, incl. removal of exist. improvements)
(2) 48,224 sq. ft. conc. pave., 8-inches thick;
(3) 230 sq. ft. concrete pave., 6-in. thick;
(4) 11,756 sq. ft. rock and oil roadway, 4-in. thick, inc. resurf.;
(5) 488 lf. unplas. light class. curb;
(6) 2336 sq. ft. 1-course walk, 3-in. thick;
(7) 1322 sq. ft. conc. gutter, 6-in. thick;

- (8) lump sum, storm drain;
(9) sanitary sewers;
(10) 539 lf. 6-in. house connection sewer.

Total bids follow:

- (A) Tomei Const. Co., \$24,761.50.
(B) L. A. Paving Co., \$24,955.01.
(C) Heuser & Garnett, \$25,518.88.
(D) V C K Const. Co., \$25,632.12.
(E) Bebek & Brkich, \$25,743.98.
(F) Artukovich Bros., \$25,985.72.
(G) Gogo & Rados, \$26,117.24.
(H) Contracting Engrs. Co., \$26,967.24.
(I) G. O. Gartz, \$27,758.80.
(J) Griffith Co., \$28,352.48.
(K) Edward Green, \$28,413.37.
(L) Southern Calif. Roads Co., \$28,999.10.
(M) Geo. R. Curtis Paving Co., \$29,190.13.
(N) Radich & Brown, \$29,506.82.
(O) Engine's estimate, \$30,562.32.

Unit prices follow:

Table with 11 columns: Bid Item, (1), (2), (3), (4), (5), (6), (7), (8), (9), (10). Rows include items A through O with corresponding unit prices.

BIDS WANTED

NAPA COUNTY, Calif.—Until Jan. 28, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading and surfacing with crusher run base and armor coat about 6.2 miles between Oakville and Callistoga, Napa Co.

- Work involves:
- (1) Clear and grub right of way;
 - (2) 600 M. gallons of water;
 - (3) 65,000 c.y. rdwy. excav., unclass.
 - (4) 100,000 sta. yds. overhaul;
 - (5) 1,200 c.y. struc. excav.;
 - (6) 305 c.y. ditch excav.;
 - (7) 327 sta. finish rdwy.;
 - (8) 4,200 c.y. crusher run base;
 - (9) 75 tons liquid asph. SC-1A, prime coat;
 - (10) 155 tons liquid asph. 90-95 armor coat;
 - (11) 3,000 tons of screenings, armor coat;
 - (12) 27,500 lbs. bar reinf. steel;
 - (13) 305 c.y. Class A portland cement concrete struc.;
 - (14) 1,000 l.f. 12-in. CMP;
 - (15) 144 l.f. 15-in. CMP;
 - (16) 92 l.f. 18-in. CMP;
 - (17) 300 l.f. 24-in. CMP;
 - (18) 130 l.f. 30-in. CMP;
 - (19) 200 l.f. laminated guard railing.
- Plans and specifications may be obtained from the above office.

29

RIVERTON PROJECT, Wyo.—Constr. Earthwork and Structures—(Govt.)

RIVERTON PROJ., Wyo.—Woodward Const. Co., Rock Springs, Wyo., at \$69,897.00 submitted low bid to Bureau of Reclamation, Riverton, Wyo., under Spec. No. 762, for the construction of earthwork and structures. Pilot canal laterals 26 to 28, Sand Gulch lateral 3-A and sublaterals. Pilot division, Riverton Project, Wyo.

- Work involves:
- (1) 140,000 c.y. excav., common, for laterals;
 - (2) 1500 c.y. excav., rock, for laterals;
 - (3) 1000 sta. c.y. overhaul;
 - (4) 5400 c.y. excav., common, for structures;
 - (5) 100 c.y. excav., rock, for struc.;
 - (6) 6500 c.y. backfill about struc.;
 - (7) 2500 c.y. puddling or tamping backfill about struc.;
 - (8) 2630 c.y. conc. in struc.;
 - (9) 172,000 lbs. plating reinf. bars;
 - (10) 100 sq. yds. graded paving;
 - (11) 100 c.y. cobble riprap;
 - (12) 60 MFBM erecting timber in struc.;
 - (13) 1400 l.f. lay 18-in. lock joint concrete pipe;
 - (14) 200 l.f. lay 21-in. lock joint concrete pipe;
 - (15) 600 l.f. lay 24-in. lock joint concrete pipe;

- (16) 30 l.f. lay 27-in. lock joint concrete pipe;
- (17) 300 l.f. lay 30-in. lock joint concrete pipe;
- (18) 220 l.f. lay 36-in. lock joint concrete pipe;
- (19) 12,000 lbs. install gates;
- (20) 2200 lbs. install misc. metalwork.

- Total bids follow:
- (A) Woodward Construction Co., Rock Springs, Wyo., \$69,879.00.
 - (B) J. A. Terteling & Sons, Boise, Idaho, \$71,999.00.
 - (C) M. S. Ross, Riverton, \$77,819.50.
 - (D) Edward Selander, Greeley, Colo., \$75,080.00.
 - (E) Northwestern Engr. Co., Rapid City, S. D., \$81,621.50.
 - (F) Dan Teters & Co., Inc., Riverside, Calif., \$82,330.00.
 - (G) Otis Williams & Co., St. Anthony, Idaho, \$87,590.00.
 - (H) Inland Const. Co., Omaha, Neb., \$92,461.00.
 - (I) Barnard-Curtis Co., Minneapolis, \$95,206.50.
 - (J) Gunther & Shirley Co., Los Angeles, \$99,139.00.
 - (K) Peter Kiewit Sons Co., Omaha, \$105,971.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$.15	\$.14	\$.15	\$.15	\$.15	\$.16	\$.20	\$.218	\$.17	\$.18	\$.20
(2).....	.75	1.00	.60	2.50	.60	.65	1.00	1.05	1.17	1.25	2.00
(3).....	.05	.05	.02	.03	.04	.05	.15	.03	.05	.02	.03
(4).....	.46	.75	.60	.35	.70	.90	.80	.60	.75	1.25	.75
(5).....	2.60	2.00	1.00	5.00	1.50	2.00	1.00	4.40	2.00	3.15	4.00
(6).....	.16	.20	.40	.20	.45	.15	.20	.37	.60	.25	.35
(7).....	.25	.40	.50	.40	.65	.50	.30	.37	.40	.25	.45
(8).....	13.60	14.00	14.75	14.50	14.70	16.50	16.50	16.00	20.00	18.75	23.00
(9).....	.0175	.02	.02	.025	.03	.02	.0225	.032	.03	.04	.02
(10).....	1.00	2.00	.90	2.00	1.50	1.50	2.00	8.76	3.00	1.00	3.00
(11).....	1.00	3.00	2.00	2.50	2.00	2.00	2.00	2.40	2.00	3.15	4.00
(12).....	16.25	20.00	22.00	18.00	25.50	18.00	18.00	25.55	20.00	25.00	25.00
(13).....	.605	.50	1.20	.75	1.15	.60	.60	.80	.40	.90	.70
(14).....	.845	.60	1.40	1.25	1.40	.80	.60	.90	.55	1.05	.80
(15).....	1.00	.75	1.50	1.50	1.60	1.00	.75	.90	.65	1.15	1.00
(16).....	1.45	.80	1.60	2.50	1.75	1.50	1.00	1.20	.85	2.25	1.25
(17).....	1.555	1.00	1.75	3.00	2.00	1.50	1.25	1.34	1.00	2.50	1.50
(18).....	2.00	1.25	2.00	4.00	2.50	2.00	1.50	1.50	1.30	3.00	2.00
(19).....	.05	.03	.07	.04	.04	.05	.03	.05	.05	.06	.07
(20).....	.02	.05	.07	.05	.04	.10	.10	.075	.10	.12	.07

BIDS OPENED

NORTH HOLLYWOOD, Cal.—S. F. McGrath, 2340 S. Beverly Glen Blvd., West Los Angeles, submitted low bid to State Department of Public Works, Division of Highways, January 3, at \$976, for painting shop buildings in North Hollywood. The bids follow:

- Stanley F. McGrath (1) 200 sq. yds. prime coat, 48c; (2) 10,000 sq. yds. paint coat, 88c; (3) total, \$976.00.
- John H. Axton, (1) 16c; (2) 117c; (3) \$1202.
- J. P. Carroll Co., (1) 12½c; (2) 12½c (3) \$1275.
- Holezel-Emick Co., (1) 15c; (2) 12½c; (3) \$1305.
- H. J. McKinley (1) 20c; (2) 13½c; (3) \$1350.

- David Wein: (1) 40c; (2) 16c; (3) \$1680.
- D. Zelinsky & Sons: (1) 13c; (2) 18c (3) \$1826.
- Place Bros.: (1) 20c; (2) 19c; (3) \$1940.
- Wm. Gelfan: (1) 10c; (2) 18c; (3) \$2000.

BIDS REJECTED

SAN FRANCISCO.—The Department of Public Works, Rm. 251, City Hall, rejected the only bid submitted by Pacific Pavement Co., Ltd., for the improvement of Sweeney Street bet. Bolyston and Bowdoin (where not).

LOW BIDDERS

PHOENIX, Maricopa Co., Arizona.—Daley Corp., 4430 Boundary Street, San Diego, at \$31,369.50 (Alternate 1) and Oswal Bros., 346 E. 58th Street, Los Angeles, at \$28,200.60 (Alternate 2) submitted low bids to the Phoenix City Commission, for improvements to certain portions of 12th, 13th, 11th and 10th Avenues, and McKinley and Pierce Sts., Phoenix.

Complete bids will be published shortly.

LOW BIDDER

PHOENIX, Maricopa Co., Arizona.—Arizona Sand and Rock Co., Box 1522, Phoenix, at \$15,589.60 submitted low bid to the Phoenix City Commission for improvements to Third St. and Alvarado Rd., Phoenix.

Complete bids will be published shortly.

MASTICK SCHOOL, ALAMEDA, CALIF.

SCHOOL BLDG. Cost, \$.....
ALAMEDA, Alameda Co., Cal. Bay and Santa Clara Avenues (Mastick School).

First unit, to consist of foundations and skeleton classroom bldg., up to and including plastering, of an eventual 1-story modernistic U-shaped elementary school building (12 classrooms, gym, and auditorium) stucco exterior, low pressure steam heating system, concrete floors and foundations, fire-resistant roof of the composition type; to be built on the unit plan around a central courtyard.

Owner—Alameda Board of Education (William G. Paden, Supt.)
 Architect—Kent & Hass, Underwood Bldg., San Francisco
 Low Bidder—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito, \$70-, 598.00.

General bids were received with the following alternates:

- (1) deduct for omitting plastering;
- (2) deduct for omitting lathing and plastering;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$5600	\$5400	\$4900	\$5700	\$5625	\$5200	\$5500	\$5300	\$4600
(2).....	4400	9450	8500	9200	9152	9800	9075	8500	9200
(3a).....	640	690	650	680	682	650	650	450	675
(3b).....	4159	4300	3900	4300	4187	4225	4200	4600	4200
(3c).....	2175	2200	2393	2200	2180	2200	2150	2000	2200
(3d).....	553	570	552	580	563	560	560	460	570
(4).....	+50	+225	+250	+110	-202	+200	+200	+200	+200
(5).....	2560	2400	2308	2200	2356	2350	2300	2400	2400

(2985) 1st report April 14; 8th, Dec. 9, 1937.

- (3a) deduct for omitting pipe covering and painting;
- (3b) deduct for omitting direct radiation, etc.;
- (3c) deduct for omitting boiler, oil burner, etc.;
- (3d) deduct for omitting vacuum and return pump;
- (4) add or deduct for change in type of wash sings;
- (5) deduct for omitting finish plumbing fixtures, etc.

- Total bids follow:
- (A) W. V. Bernard, El Cerrito, \$70,598
 - (B) F. C. Stolte Co., Alameda, \$71,438
 - (C) W. K. Van Bokkelen Const. Co., Oakland, \$74,250.
 - (D) George J. Maurer, Piedmont, \$75-, 987.
 - (E) Carl N. Swenson Co., Oakland, \$76,251.
 - (F) George Swanstrom, Oakland, \$76-, 681.
 - (G) Central California Const. Co., San Francisco, \$77,833.
 - (H) Leo Epp, San Francisco, \$79,377.
 - (I) A. Nelson, Inc., San Francisco, \$79,796.

Alternate bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$5600	\$5400	\$4900	\$5700	\$5625	\$5200	\$5500	\$5300	\$4600
(2).....	4400	9450	8500	9200	9152	9800	9075	8500	9200
(3a).....	640	690	650	680	682	650	650	450	675
(3b).....	4159	4300	3900	4300	4187	4225	4200	4600	4200
(3c).....	2175	2200	2393	2200	2180	2200	2150	2000	2200
(3d).....	553	570	552	580	563	560	560	460	570
(4).....	+50	+225	+250	+110	-202	+200	+200	+200	+200
(5).....	2560	2400	2308	2200	2356	2350	2300	2400	2400

BIDS WANTED

OAKLAND, Cal.—Until Jan. 18, 2 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for improvements to the Skyline Blvd. east of Redwood Road from Station 105 plus 43 to Station 193 plus 42, Oakland.

- Work involves:
- (1) 94,000 c.y. excavation;
 - (2) 64,000 sta. yd. overhaul;
 - (3) 95,324 sq. ft. penetration macadam surfacing;
 - (4) 5,296 sq. yds. shoulder oil;
 - (5) 1,260 l.f. 12-inch plain concrete or vitrified plain pipe conduit;
 - (6) 176 l.f. 12-in. standard strength reinforcing pipe conduit;
 - (7) 256 l.f. 12-in. extra strength do;
 - (8) 178 l.f. 6-in. tile drain;
 - (9) 23 storm water inlets, 34-in. opening;
 - (10) 6 manholes with inlet top, 34-in. opening;
 - (11) 1 manhole, standard top.

Plans and specifications may be obtained from the above office. 29

30—RESERVOIRS & DAMS

BIDS WANTED

SALEM, Oregon.—Until January 11, 2:00 P. M., bids will be received by the Oregon State Board of Control, Salem, for the construction of a piling and rock fill across Sandy River about 1½ miles below highway bridge near Troutdale, Ore. Est. cost \$150,000.

- Work involves:
- (1) 6,000 feet round fir piling;
 - (2) 120,000 FBM fir sheet piling;
 - (3) 10,000 FBM miscellaneous lumber
 - (4) 2,500 c.y. heavy rock fill;
 - (5) 2,500 lbs. bolts and misc. metal.

Plans and specifications may be obtained from the Consulting Engineers, Stevens and Koon, 1202 Spalding Bldg., Portland, upon deposit of \$500. 30

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until Feb. 1, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 767, for the construction of street, driveway and sidewalk grading and surfacing and sewer and water systems for the Government camp at the Shasta Dam, Central Valley Project, California.

- Work involves:
- (1) 9,500 c.y. excav. for streets, driveways and sidewalks;
 - (2) 3,700 cu. y. of compacted fills;
 - (3) 16,200 l.f. excav. and backfill of sewer-pipe trenches;
 - (4) 16,480 l.f. excav. and backfill of water-pipe trenches;
 - (5) Laying 17,550 l.f. of 4-in. to 12-in. diam. sewer pipe;
 - (6) Laying 140 l.f. of 30-in. diam. CMP;
 - (7) Constructing 27 grease traps;
 - (8) Constructing 32 sewer manholes;
 - (9) Laying 17,490 l.f. of ¾-in. to 6-in. diam. water pipe;
 - (10) Installing 23 6-in. and 4-in. gate valves;
 - (11) Installing 132 ¾-in. to 2-in. dia. curb stops and service boxes;
 - (12) Installing 17 fire hydrants;
 - (13) Placing 18,500 l.f. of timber curb boards;
 - (14) Furnishing and placing 9,940 c.y. of surfacing materials; and
 - (15) Applying 36,100 gals. of liquid asphaltic road material.

Plans and specifications may be obtained from the above office. * 30

CONTRACT AWARDED

COLORADO RIVER PROJECT, Texas.—C. J. Rainear & Co., Philadelphia, Pa., at \$38,943, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 987-D, for furnishing pipe, fittings, valves and appurtenances for the bypass, drain and air-inlet piping for the paradox gates at the Marshall Ford Dam, Colorado River Project, Texas. 30

31—PIPE LINES & WELLS

CONTRACT AWARDED

SAN DIEGO, Cal.—H. F. McNeil, 4226 University Ave., San Diego, at \$3444 submitted low bid and was awarded contract by San Diego county supervisors for construction, de-

livery and installation of high pressure steam main from boiler room of San Diego County Hospital to boiler room of the main help building.

- Other bids were:
- A. E. Howell.....\$4200.00
 - Fred Helbrun..... 4369.00
 - A. O. Reed & Co..... 0877.00
- 31

BIDS WANTED

HICKAM FIELD, T. H.—Until Jan. 13, bids will be received by the Purchasing and Contracting Officer, Hickam Field, for the construction of a water line, curbs and rough grading on streets at Hickam Field, T. H. Plans and specifications may be obtained from the above office upon the deposit of \$5. 31

(Continued on Next Page)

LOS ANGELES CO. Undergrade Crossing, Grading & Paving

LOS ANGELES CO., Calif.—C. O. Sparks & Mundo Engineering Co., 1601 S. Soto St., Los Angeles, at \$122,632.20, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, for the construction of an undergrade crossing under the tracks of the Union Pacific Railroad Company near Pico, consisting of a steel girder track span on concrete abutments and approximately forty-nine hundredths (49) mi. of roadway grading and paving with Portland cement concrete and surfacing with plant-mixed surfacing the shoulders and service road, Los Angeles County.

- Work involves:
- (1) 850 c.y. existing concrete to be removed and disposed of;
 - (2) 27 sta. clear and grub;
 - (3) 450 M. gals. water;
 - (4) 30,000 c.y. rdwy. excav., unclass.
 - (5) 2,100 c.y. struc. excav.;
 - (6) 100 c.y. ditch and channel excavation;
 - (7) 15,000 sq. yds. subgrade for pave.

- (8) 27 sta. finishing rdwy.;
- (9) 1,550 tons mineral agg. (plant-mix surf.);
- (10) 85 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
- (11) 10 tons liquid asph. SC-2 (prime coat);
- (12) 2,940 c.y. Class A Portland cement concrete pave;
- (13) 16 sections pavement crossing devices, Type C;
- (14) 5,800 each pavement dowels;
- (15) 125,000 lbs. bar reinf. steel;
- (16) 800 c.y. Class A Portland cement concrete struc.;
- (17) 380,000 lbs. fabricated structural steel;
- (18) 11,940 lbs. fabricated cast steel expansion and fixed bearings;
- (19) 56,000 lbs. fabricated wrought iron plate;
- (20) 11,500 lbs. steel rail assemblies;
- (21) 11,210 lbs. misc. iron and steel;
- (22) 150 l.f. curb armor;
- (23) 510 c.y. Class A Portland cement concrete slope pavement;
- (24) 90 l.f. 14-in. standard reinforced

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 2.00	\$ 2.50	1.50	2.50	2.00	1.13	1.00
(2)	5.00	10.00	10.00	10.00	5.00	10.00	10.00
(3)	10.00	7.5	7.5	1.00	1.00	7.5	1.20
(4)	30	38	24	30	33	35	36
(5)	90	90	85	125	150	145	100
(6)	50	90	75	1.25	1.50	1.12	.75
(7)	10	12	09	10	09	10	14
(8)	5.00	5.00	10.00	10.00	10.00	10.00	7.00
(9)	2.50	2.25	2.50	2.30	2.35	2.50	2.50
(10)	13.00	12.00	12.00	12.50	12.00	15.00	12.00
(11)	13.00	10.00	12.00	13.00	12.00	12.15	14.00
(12)	7.00	7.50	6.50	8.00	7.75	8.26	7.38
(13)	60.00	25.00	30.00	25.00	25.00	19.70	100.00
(14)	12	13	13	14	13	15	.14
(15)	.05	.05	.05	.05	.05	.052	.05
(16)	15.00	16.00	17.50	16.00	17.00	17.34	16.00
(17)	.06	.06	.07	.06	.064	.059	.07
(18)	15	13	16	13	14	13	.17
(19)	.075	.07	.085	.08	.08	.077	.09
(20)	.06	.05	.05	.05	.05	.055	.06
(21)	18	17	18	20	18	18	.17
(22)	1.00	.80	1.00	1.00	1.00	1.10	1.00
(23)	11.00	14.00	12.00	12.50	13.00	13.53	9.50
(24)	3.00	3.00	3.00	3.50	3.50	3.00	4.00
(25)	.70	.50	.60	.60	.60	.71	.50
(26)	1.10	1.00	1.00	1.20	1.00	1.32	1.20
(27)	1.75	2.00	1.75	2.00	1.70	1.97	2.00
(28)	2.00	2.00	2.50	2.50	2.25	2.10	3.00
(29)	2.60	2.75	2.95	3.20	3.00	2.90	3.00
(30)	3.00	2.75	3.75	3.00	3.00	2.88	3.50
(31)	.14	.30	.25	.25	.25	.29	.35
(32)	.60	.70	.75	.65	.60	.74	.50
(33)	.85	1.00	1.00	1.00	.80	1.04	.80
(34)	2.90	3.00	2.90	2.60	3.00	3.10	3.00
(35)	11.00	10.50	11.00	11.50	12.00	11.50	12.00
(36)	1.25	1.50	1.00	1.20	1.10	1.50	1.00
(37)	2.80	1.75	2.75	2.50	2.75	2.02	2.50
(38)	.50	.30	.85	.80	1.00	1.85	.60
(39)	4.00	3.50	4.00	5.00	4.00	3.75	3.00
(40)	.50	.50	.50	.50	.50	.50	.60
(41)	20.00	4.50	10.00	16.50	17.50	2.00	14.00
(42)	3600.00	3200.00	3600.00	3500.00	3600.00	3575.00	3500.00
(43)	800.00	400.00	1000.00	800.00	800.00	1145.00	1000.00
(44)	1200.00	500.00	600.00	1200.00	800.00	1975.00	1500.00

CONTRACT AWARDED

YERBA BUENA ISLAND, Calif.—Williams Bros. and Haas, Inc., 1104 Merchants Exchange Building, San Francisco, at \$52,100.49 submitted a combination bid on 1 and 2 to the San Francisco Bay Exposition Co., 555 Bush St., San Francisco, for (1) Contract No. 117: construction of a domestic water distribution system; and (2) Contract No. 119: construction of a gas distributing system on Yerba Buena Island. 31

BIDS WANTED

FT. BARRY, Marin Co., Cal.—Until Jan. 18, 3 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-78, for constructing and installing approximately 9890

- concrete pipe;
(25) 20 l.f. 6-in. CMP;
(26) 650 l.f. 10-in. CMP;
(27) 88 l.f. 18-in. CMP;
(28) 60 l.f. 36x7 1/2-in. part circle CM culvert, 12 gauge;
(29) 170 l.f. 36x7 1/2-in. part circle CM culvert, 8 gauge;
(30) 15 l.f. 48x5 1/2-in. part circle CM culvert, 12 gauge;
(31) 1,000 l.f. 6-in. standard clay drain tile;
(32) 144 l.f. 6-in. perf. metal pipe;
(33) 2,380 l.f. 8-in. perf. metal pipe;
(34) 220 c.y. rock filling material;
(35) 880 c.y. Class A Portland cement concrete curbs, gutters, alleys paving, sidewalks and driveways;
(36) 150 l.f. laminated guard railing;
(37) 1,200 l.f. pipe handrail;
(38) 32 l.f. 3-in. stand. galv. pipe;
(39) 146 l.f. 12-in. cast iron pipe;
(40) 425 lbs. copper strips;
(41) 40 c.y. protective covering;
(42) 1 lot pumping equipment;
(43) 1 lot electrical equipment;

feet of pipeline on and adjacent to the Fort Barry Military Reservation, Marin County. Work includes furnishing and delivering pipe, trenching, fitting, laying and backfilling, and connection of the completed pipeline to the Fort Barry pipeline and a pumping unit to be furnished by the government.

Bids will be taken as follows:

REGULAR BID

- (1a) 1500 l.f. 1 1/2-in. cement-lined bituminous-coated pipe;
(1b) 7600 l.f. 2 1/2-in. cement-lined bituminous-coated pipe;
(1c) 40 l.f. 3-in. cement-lined bituminous-coated pipe;
(1d) 750 l.f. 5-in. cement-lined bituminous-coated pipe;
(2) 3 each, blowoffs;
(3a) 1 each, 2 1/2-in. check valve;
(3b) 1 each, 5-in. check valve;

(44) 1 lot misc. items of work. Complete bids follow:

- (A) C. O. Sparks & Mundo Engineering Co., 1601 S. 30 St., Los Angeles—\$122,652.20.
(B) Vido Kovacevich—\$124,313.05.
(C) Oswald Bros.—\$124,706.15.
(D) Dimmitt & Taylor—\$128,674.40.
(E) Claude Fisher Co., Ltd.—\$130,841.40.
(F) Oscar Oberg—\$131,934.12.
(G) United Concrete Pipe Corp.—\$132,336.40.
(H) J. E. Haddock, Ltd.—\$134,469.50.
(I) John Strona—\$136,358.98.
(J) Griffith Co.—\$137,111.60.
(K) V. R. Dennis Constr. Co.—\$138,731.
(L) Metropolitan Constr. Co.—\$139,229.00.
(M) Carlo Bongiovanni—\$139,990.
(N) Byerts & Dunn—\$140,733.40.
(O) J. F. Knapp—\$143,240.
(P) Gibbons & Reed Co.—\$146,710.
(Q) Fred E. Potts Co.—\$147,051.
Unit prices follow:

Table with 10 columns (H) through (Q) and multiple rows of numerical data representing unit prices for various construction materials and equipment.

- (3c) 1 each, 2 1/2-in. gate valve;
(4) 1 job, connection to Fort Barry pipe line;
(5) 1 job, pump installation;

ALTERNATE BIDS

- (1a-1) 1500 l.f. 1 1/2-in. cement-lined asphalt-coated and wrapped pipe, or
(1a-2) 1500 l.f. 2-in. asphalt-coated cast-iron pipe, bell and spigot;
(1b-1) 7600 l.f. 2 1/2-in. cement-lined asphalt-coated and wrapped pipe, or
(1b-2) 7640 l.f. 3-in. asphalt-coated cast-iron pipe, bell and spigot;
(1c-1) 40 l.f. 3-in. cement-lined asphalt-coated and wrapped pipe;
(1d-1) 750 l.f. 5-in. cement-lined asphalt-coated and wrapped pipe, or
(1d-2) 750 l.f. 6-in. asphalt-coated cast-iron pipe, bell and spigot;
(3a-1) 1 each, 3-in. check valve;
(3b-1) 1 each, 6-in. gate valve;
(3c-1) 1 each, 3-in. gate valve.

Plans and specifications obtainable from above office. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Manuel Smith, 588 22nd St., Oakland, at \$2,224.00 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the construction of a storm sewer on Glen Una Drive at Gladding's Place, Supervisor District No. 5, Santa Clara County.

Complete bids follow:

- Manuel Smith, Oakland.....\$2,224.00
Palo Alto Road Materials Co., Palo Alto 2,250.00
A. J. Ralsch, San Jose..... 2,226.00
John Pestana, Oakland..... 2,346.00
McGuire & Hester, Oakland..... 2,400.00
32

CONTRACT AWARDED

SEATTLE, King Co., Wash.—Queen City Constr. Co., 603 18th Ave., at \$249,399, awarded contract by the Bd. of Public Works, 511 County-City Bldg., Seattle, for the construction of Unit No. 9, Henderson Street Trunk Sewer. 32

33—WATER WORKS

BIDS WANTED

PORTLAND, Ore.—Until Jan. 14, 2 P. M., bids will be received by the Pleasant Home Water District, Carl Gorder, Secretary, 628 Spalding Bldg., Portland for water system improvements in Multnomah County, involving about 45,500 ft. of 6- 4- 3- and 2-inch metal pipe, pump, pump house, meters, concrete reservoir and necessary appurtenances.

Plans and specifications may be obtained from C. E. Carter, Consulting Engineer, 823 Spalding Building, Portland, upon deposit of \$15.00. 33

January 5, 1938

CONTRACT AWARDED

YERBA BUENA ISLAND, Calif.—Eaton and Smith, 715 Ocean Avenue, San Francisco, at \$3490.00 submitted low bid and was awarded contract by the San Francisco Bay Exposition Co., 555 Bush St., San Francisco, under Contract No. 126, for the construction of a Navy water supply. 33

34— PARKS AND PLAY GROUNDS

BIDS OPENED

MESA, Ariz.—Hall, Biddle & Chamber, P.O. Box 87, Mesa, Ariz., at \$625, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Mesa.
W. E. Bove, Albertville, Ala., at \$748, submitted only other bid. * 34

CONTRACT AWARDED

SALINAS, Monterey Co., Cal.—L. M. Aikins, Cleveland, Ohio, at \$2,423, awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for seeding and planting grounds of the U. S. Post Office at Salinas. 34

BIDS WANTED

ALAMEDA, Calif.—Until Jan. 18, 8:15 p.m., bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, Alameda, for the construction of 300 feet of 12-ft. chain link fence at the McKinley Park, Alameda.

Plans and specifications may be obtained from the above office. * 34

SAN FRANCISCO CO. PERMITS UNDER \$1000

SIGN, elec., NW Alemany and Ocean; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 110 Harrison Street.

FLUE, \$20; 444 11th St.; owner, H. Levin, 444 11th St.

ALTER dwelling, \$400; 4027 19th St.; owner, J. B. Vandever, 724 Sanchez Street.

FLUE, \$45; N Jefferson 243 W Broadstreet St.; owner, Empire Const. Co., Russ Bldg.; contractor, Excelsior Furnace & Sheet Metal Co., 22 Ocean Ave.

ALTER flats, \$320; 1545 Church St.; owner, C. Tamong, premises; contractor, J. Atkinson, 930 Hickory.

SIGN, electric, \$80; 1199 Valencia St.; owner, Pittsburgh Plate Glass Co. premises; contractor, QRS Neon Corp., 144, 890 Potrero Ave.

ALTER laundry, \$350; 1401 Scott St.; owner, Isany Sekino, prem.; contractor, Aristo Painting Co., 473 Bryant St.

ALTER store, \$700; 1041 Market St.; owner, Weinstein Co., c/o contractor, contractor, Jacks & Irvine, 620 Market St.

ALTER flats, \$150; 1304 Page St.; owner, Mr. Denny, c/o contractor, contractor, Ira W. Coburn, 2048 Market St.

FLUES, \$45; E 47th Ave. 50 N Rivera; owner, S. Schwartz, 305 Grant Ave.; contractor, Excelsior Furnace & Sheet Metal Co., 22 Ocean Ave.

ALTER dwelling, \$450; 544 Vermont St.; owner, S. Scarobosio, prem. ALTER dwelling, \$175; 3314 Scott; owner, Bud Agnew, premises.

BILLBOARD, \$7; W Folsom 75 N 23rd St.; owner, West Coast Adv. Co., 1430 Divisadero St.

ALTER wholesale store, \$250; 480 5th St.; owner, Treasure Island Coffee Co., premises; contractor, The Unit Bill Fixture Co., 243 7th St.

ALTER stores, \$500; 76-82 First St.; owner, C. W. Marwedel, 1235 Mission St.; contractor, F. D. O'Neill 273 Minna St.

ALTER apts., \$100; 1470 California; owner, E. H. Dettner, 835 Howard Street.

ALTER dwelling, \$250; 688 4th Ave.; owner, Mr. Cerles, prem.; contractor, J. B. Bourdieu, 2625 20th Street.

COCONINO COUNTY, ARIZ.—SURFACING—(State)

COCONINO COUNTY, Ariz.—Skoussen Bros., Albuquerque, N. M., at \$37-681.10 submitted low bid to Arizona State Highway Commission, Phoenix, for placing select material, aggregate base course and asphaltic surface treatment at a point 25.7 miles north of Cameron and extending northerly approximately 14.2 miles. Flagstaff-Fredonia Highway F.L. 4-C, Schedule 2 (1938) Coconino County, Ariz.

- Work involves:
(1) 12,630 c.y. select material;
(2) 21,570 tons agg. base course;
(3) 646 tons cutback asph. MC-2;
(4) 770 c.y. blotter material;
(5) 990 X. gals. sprinkling;
(6) 370 hours rolling;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 55	\$ 45	\$ 40	\$ 38	\$ 46	\$ 30	\$ 40	\$ 72
(2).....	48	50	50	59	60	53	65	86
(3).....	23.00	27.00	28.50	25.00	25.00	33.00	26.00	29.50
(4).....	1.50	1.50	1.00	2.00	1.50	1.90	2.00	2.00
(5).....	3.00	1.75	3.00	3.00	2.50	1.90	3.00	2.50
(6).....	3.00	2.50	2.40	3.25	3.00	3.00	3.00	3.00
(7).....	48	50	50	50	70	68	65	100

- (7) 600 tons stockpiling dry agg.
Complete bids follow:
(A) Skoussen Bros., Albuquerque, N. M., \$37,681.10.
(B) Lee Moor Contr. Co., El Paso, Texas, \$38,023.00.
(C) Southern California Roads Co., Los Angeles, \$39,176.00.
(D) Ken Hodgman, Phoenix, Ariz., \$39,688.20.
(E) Tiffany Const. Co., Phoenix, \$40,061.80.
(F) Pearson & Dickerson Contrs., Inc., Prescott, Ariz., \$41,401.10.
(G) J. A. Casson, Phoenix, \$41,878.50.
(H) Lewis Bros., Phoenix, \$52,425.80.

Unit prices follow:

GILA & NAVAJO COS., ARIZ.—Highway Constr.—(State)

GILA AND NAVAJO COS., Ariz.—Geo. W. Orr, El Paso, Tex., at \$126-052.14 submitted low bid to Arizona State Highway Commission, Phoenix, for highway construction on Globe-Showlow Highway (F.A. 99-H, 1st Reop.) (1938) AFE 6072; FA 99-I (1938) AFE 6073; E50 99-J, 1st Reop. (1938) AFE 6074. The work, which begins about 50 miles northeast of Globe and extends northeasterly about 15 miles to the Gila-Navajo county line, consists of sub-grading roadway and refinishing slopes, aggregate base course and asphalt surface treatment and is to be completed on or before Sept. 15, 1938.

- Work involves:
(1) 15,510 miles subgrading roadway and refinishing slopes;
(2) 154,377 tons coarse aggregate base course (CIP);
(3) 25,352 tons fine do;
(4) 2,616 M. gals. sprinkling (CIP);
(5) 1,293 hours rolling;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$350.00	\$290.00	\$750.00	\$600.00	\$400.00	\$800.00	\$1100.00	\$2000.00
(2).....	53	55	56	60	66	67	68	100
(3).....	64	69	65	60	71	67	68	125
(4).....	2.50	2.00	2.60	2.50	1.25	3.00	1.00	5.00
(5).....	3.00	2.90	2.60	3.50	2.50	3.00	3.00	4.00
(6).....	.088	.093	09	.08	.075	.085	.079	.10
(7).....	15.00	25.00	20.00	16.00	16.50	15.00	25.00	14.00
(8).....	1.00	.95	1.00	1.00	1.00	1.00	1.50	.90
(9).....	25.00	12.00	15.00	15.00	10.00	15.00	20.00	25.00
(10).....	.64	.69	.675	.60	.60	.55	.68	1.50

- (6) 103,154 gals. road oil, SC-2 (CIP)
(7) 29 each corrugated metal catch basins (CIP);
(8) 1,134 ft. 8-in. CMP (CIP);
(9) 1 lmp. sur., resetting CM catch basin and pipe (Sta. 175) (CIP);
(10) 2,325 tons stockpiling dry aggregate (CIP).

Total bids follow:

- (A) Geo. W. Orr, Contr., El Paso, Texas, \$126,052.14.
(B) Pearson & Dickerson Contrs., Inc., Prescott, Ariz., \$135,066.78.
(C) Southern California Roads Co., Los Angeles, \$137,308.06.
(D) Heuser & Garnett, Contrs., Glendale, Calif., \$139,469.22.
(E) Lee Moor Contr. Co., El Paso, Texas, \$143,349.29.
(F) Packard Contr. Co., Phoenix, \$143,834.11.
(G) N. G. Hill & Co., Phoenix, \$157,947.89.
(H) H. J. Hagen, Globe, Arizona, \$250,593.50.

Unit prices follow:

COCONINO CO., ARIZ.—Bridge Construction—(Govt.)

COCONINO CO., Ariz.—Lewis Bros. Contrs., Inc., Phoenix, Ariz., at \$70-309, submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for constructing the Wilson Canyon Bridge on Section B, Rt. 7, Oak Creek National Forest Highway, Coconino National Forest, Arizona.

- Work involves:
(1) 1100 c.y. unclass. excav. for structures;
(2) 200 c.y. class B concrete;
(3) 395 c.y. class D concrete;
(4) 92,000 lbs. reinf. steel;
(5) 510,000 lbs. structural steel;
(6) 165 c.y. cement rubble masonry.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$3.50	\$2.25	\$4.00	\$3.00	\$3.00	\$4.00	\$3.44	\$5.00
(2).....	20.50	25.00	30.00	25.00	26.00	29.50	28.50	50.00
(3).....	22.00	25.00	30.00	25.00	33.00	29.50	30.00	43.00
(4).....	.046	.053	.06	.06	.055	.06	.058	.08
(5).....	.0937	1.04	1.10	.115	.1096	1.125	1.17	.11
(6).....	10.00	17.00	27.50	18.00	22.00	25.00	22.50	20.00

- Total bids follow:
(A) Lewis Bros., Phoenix, \$70,309.00.
(B) Lee Moor Contr. Co., El Paso, Texas, 78,071.00.
(C) Pearson & Dickerson, Prescott, Ariz., 83,307.50.
(D) H. J. Hagen, Globe, 84,715.00.
(E) Fisher Contr. Co., Phoenix, 86,121.00.
(F) W. E. Orr, Contr., Prescott, 88,972.50.
(G) Vinson & Pringle, Phoenix, 89,868.50.
(H) Wickes Engrg. & Const. Co., Des Moines, Iowa, 97,405.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$3.50	\$2.25	\$4.00	\$3.00	\$3.00	\$4.00	\$3.44	\$5.00
(2).....	20.50	25.00	30.00	25.00	26.00	29.50	28.50	50.00
(3).....	22.00	25.00	30.00	25.00	33.00	29.50	30.00	43.00
(4).....	.046	.053	.06	.06	.055	.06	.058	.08
(5).....	.0937	1.04	1.10	.115	.1096	1.125	1.17	.11
(6).....	10.00	17.00	27.50	18.00	22.00	25.00	22.50	20.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until Jan. 25, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for 48 volt primary, 6.6 amp. secondary, 60 cycle subway type constant current regulating transformers, furnished without oil. Bids will be taken on the following:
 (1) 15 only 15-kw. transformers;
 (2) 5 only 20-kw. transformers;
 (3) 5 only 25-kw. transformers.
 Spec. No. 2499.

TREASURY DEPARTMENT

SAN FRANCISCO, Cal.—Until Jan. 12, 10 a. m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4841, for the rental of one ½-ton flat bed truck with enclosed cab and removable side racks, not less than 10 feet long and not less than 6 feet wide; f.o.b. 1155 Page St., San Francisco, Cal.

SAN FRANCISCO.—Until Jan. 13, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4842, for the rental of one crawler type tractor, not less than 48 hp., equipped with angle dozer; f.o.b. Bureka, Cal.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

- January 11, 10:00 A. M.
- BID NO. 4852—400 sacks Portland cement; f.o.b. County Corp. Yard, Willits, Cal.
- BID NO. 4853—1500 sacks Portland cement; f.o.b. Eureka, Cal.
- BID NO. 4854—2000 sacks Portland cement; f.o.b. City Warehouse, Santa Rosa, Cal.
- BID NO. 4855—1600 sacks Portland cement; f.o.b. County Corp. Yard, Santa Rosa.
- BID NO. 4857—320 tons aggregate; f.o.b. San Mateo County.
- BID NO. 4858—12,907 ft. b.m. No. 1 heart common Redwood; f.o.b. San Mateo Co., Cal.
- BID NO. 4859—Carbon bisulphide and jute waste balls; f.o.b. Fresno, Cal.
- BID NO. 4860—Common wire nails; f.o.b. Havelock and Edna Streets, San Francisco.
- BID NO. 4861—Butts, locksets, locks, bolts, knobs and plates; f.o.b. Sunset and Skyline Blvds., San Francisco.
- January 13, 10:00 A. M.
- BID NO. 4869—Furnishing and delivering 4800 gallons Diesel Fuel Oil; f.o.b. Migratory Labor Camp, Kern Co., Cal.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Jan. 17, 2 p. m., bids will be received by the Metropolitan Water District Purchasing Agent, Los Angeles, for sale of miscellaneous construction equipment and supplies consisting of spuds, hose stems, spray tanks, steel hopper, vises, electric drill, jack, screw plates, cutting dies and col-

lets, asphalt tampers, frogs, switch points, small tools, air drill, grinder, jack sets, hand and grocery trucks, oxygen regulators, switches, fans, water meters and chain hoists; Bid SM 442.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until Jan. 12, 2 p. m., bids will be received by Los Angeles Water & Power Purchasing Agent for positive displacement type water meters, Spec. 2507. Bids will be taken as follows:
 (a) 1200 ¾x¼-in., without connections;
 (b) 400 1-lb., without connections.

LOS ANGELES, Calif.—Until Jan. 11, 10 a. m., bids will be received by Los Angeles Water & Power Purchasing Agent for: 1600 ft. No. 4/0 19-strand, single conductor, performance 35% grade rubber insulated, lead sheathed cable, on reels of 800 feet each; No. 7060.

LOS ANGELES, Calif.—Until Jan. 14, 10 A. M., bids will be received by Los Angeles Water and Power Purchasing Agent for two only 23,000-volt, 600-amp 2-pole vertically mounted, outdoor type disconnect switches, and 2 horizontally mounted same, Bid No. 7163. This bid supersedes Bid No. 6926.

LOS ANGELES, Calif.—Until Jan. 12, 2 P. M., bids will be received by Los Angeles Water and Power Purchasing Agent for copper wire connectors. Spec. 2504. The items are:
 (1) 6000 ft. No. 6 AWG solid wire;
 (2) 15,000 for No. 4 AWG solid wire;
 (3) 7500 for No. 2 AWG solid wire;
 (4) 7000 for No. 1/0 AWG stranded wire;
 (5) 1500 for No. 2/o do;
 (6) 750 for No. 4/o do.

LOS ANGELES, Calif.—Until Jan. 27, 2 P. M., bids will be received by Los Angeles Water and Power Purchasing Agent for two 25-kv. oil circuit breakers, 23,000-volt, 600-amp. 60-cycle, single pole, electrically-operated, outdoor type, frame-mounted including all necessary oil. Spec. No. 2500.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

- January 12, 2:00 P. M.
- BID NO. 5397—50 dozen one-gallon canteens; f.o.b. Albuquerque, N.M.
- BID NO. 5395—2000 lbs. wiping cloths, f.o.b. Government Island.
- January 17, 2:00 P. M.
- BID NO. 5391—Purchase of new Chevrolet (or equal) replacement parts, including hump sum trade-in allowance and/or cash offer on used tires and batteries; f.o.b. Government Island.
- BID NO. 5396—880 pounds marking twine; f.o.b. Placerville, Cal.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until Jan. 10, 10 a. m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under

Quo. No. 35057, Reg. No. 16601, for one hydraulically operated, heavy duty angle dozer with blade, complete with pump hose and all necessary fittings to connect it to Model TA-40 McCormick - Deering Tractor, f.o.b. Willits, Calif.

WAR DEPARTMENT

SAN FRANCISCO.—Until Jan. 13, 3 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-82, for furnishing 3000 MF BM Douglas Fir lumber, No. 1 common, f.o.b. Fort Funston, San Francisco, Calif.

SAN FRANCISCO.—Until Jan. 24, 3 p. m., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-80, for furnishing and delivering (1) one gasoline engine driven reciprocating pump, f.o.b. Tennessee Point, Marin County; and (2) one gasoline engine driven centrifugal pumping unit, f.o.b. Fort Funston, San Francisco, Cal.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

- SCH. 2456—Electric scaling hammers, electric grinders, electric bench grinders, electric drills, electric drill press, electric belt sander, for eastern and western yards, Jan. 11.
- SCH. 2455—Chain hoists for eastern yards and Puget Sound, Jan. 11.
- SCH. 2458—Sheet steel for eastern and western yards, Jan. 11.
- SCH. 2449—Storage batteries for eastern yards and San Diego, Jan. 11.
- SCH. 2454—Copper and steel tubing, lead lined, for Brooklyn and Norfolk, Mare Island and Puget Sound, Jan. 11.
- SCH. 2470—45 tons foundry pig iron for Washington; 224 tons do. for Norfolk; 25 tons do. for Philadelphia; 9 tons do. for Norfolk; 14 tons do. for Puget Sound; 77 tons do. for Brooklyn and Philadelphia; 69 tons do. for Mare Island and Puget Sound, Jan. 14.
- SCH. 2435—Brass, bronze and copper for eastern and western yards, Jan. 11.
- SCH. 2471—One sound level meter and one sound frequency analyzer for Mare Island, Jan. 14.
- SCH. 2466—Motor-driven pipe threading machine for San Diego, January 11.
- SCH. 2485—20,000 lbs. precipitated manganese resinates for Mare Island, Jan. 18.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Jan. 19, 10 a. m., bids will be received by Metropolitan Water District, Los Angeles, for five 60-cell, 127-volt, station type electric storage batteries for use at Colorado River Aqueduct pumping plants, Spec. 266. Certified or cashier's check, 10%, must accompany bid.

Section 4357, P. L. 2
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

25
per Co

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY
PERIODICAL DEPT.



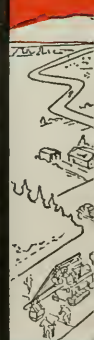
Advertise Three State
Highway Projects



*Stockton Hospital Bakery Addition
Bids Scheduled*



Building Permits, Advance Reports
of Building and Engineering
Projects



**ON THE
JOB
IN
WESTERN CONSTRUCTION**

**GOLDEN
GATE**

TRUE PORTLAND CEMENT



⁷⁹
PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JANUARY 15, 1938

No. 3

FEW FAILURES IN INDUSTRY DURING 1937

Dun-Bradstreet Survey Shows Building Industry Insol- vencies Scarce

Failures in the building industry continued at a low level last year, according to the annual survey released last week by Dun & Bradstreet, Inc.

Text of the report follows:

Up to December 9 only one application had been filed during 1937 by the building trade for 77-B relief. This was the lowest for any year since this method of corporate reorganization became available. The previous low was three in 1934, from which the number of cases increased to five in 1935, with an equal number in 1936, bringing the total up to 14.

Number of failures, on the other hand, increased. The total of 236 for the eleven months of 1937 was larger than the 232 for the full twelve months of 1936. The latter represented a new low, following a four-year recession from 765 in 1932. The all-time high for the building industry was in 1928 when the number reached 1,075. For liabilities, the peak was at \$54,958,430 in 1932.

Complete insolvency record of the building industry from 1927 to November, 1937, as compiled by Dun & Bradstreet, Inc., shows:

General Contractors		
Year	Number	Liabilities
1927.....	937	\$39,536,404
1928.....	1,075	40,989,042
1929.....	595	28,551,450
1930.....	617	24,375,000
1931.....	601	26,072,000
1932.....	765	54,958,430
1933.....	477	26,159,075
1934.....	378	16,512,000
1935.....	306	14,720,000
1936.....	232	18,713,000
1937*.....	236	5,897,000

(* January to November, inclusive.

These statistics of failures in the building industry are exclusive of applications under Section 77-B. From June 7, 1934, when Section 77-B of the New Bankruptcy Act became effective, to December 9, 1937, applications were filed by 14 concerns in this industry.

Marin Surfacing, Two Southern California Contracts Advertised; Bids February 3-4

SACRAMENTO, Jan. 11.—Three bid-calls for grading and paving contracts in Marin, Ventura and Orange counties today were authorized by the State Highway Commission. Bids will be opened in Los Angeles, February 3; and in San Francisco, February 4.

District Engineer Jno. H. Skeggs will open bids February 4, in San

ASK BIDS FOR BAKERY ADD'N AT STOCKTON

Additional Work at State Hos- pital Advertised; Proposals Open February 1

SACRAMENTO, Jan. 11.—Bids for construction of a bakery addition at the Stockton State Hospital were invited today by State Architect George B. McDougall.

Proposals on the contract, latest in the current state institutional building program to go on the market, will be opened in Sacramento February 1, Mr. McDougall announced.

The building will be a two-story reinforced concrete addition to the existing bakery building at the institution.

Work Complete

The contract is for the work complete, with all mechanical and electrical work, including steel windows, steel truss roof framing and wood roof sheathing.

Plans for the project, as for other work in the institutional building program, were prepared under the direction of State Architect McDougall.

Contractors desiring to figure the work may obtain plans and specifications from Mr. McDougall's office in the Public Works building, Sacramento, upon deposit of \$25, retainable.

Bids must be accompanied by cash, certified check or cashier's check payable to the Director of Public Works in the amount of ten per cent of the bid

Francisco, for grading and surfacing with armor coat about 1.5 miles of highway between San Geronimo and one mile north of Fairfax in Marin county.

Principal Items

Principal items include: 210,800 cubic yards of unclassified roadway excavation; 2,300,000 sta. yds. overhaul; 3000 pounds of reinforcing steel; and two million FBM redwood timber.

Largest contract for which bids will be opened in Los Angeles Feb. 3 involves grading and paving of about 1.7 miles of highway between LaCross and Oakview in Ventura County. Portland cement concrete will be used in paving.

Principal items include: 93 stations of clearing and grubbing; 140,500 cubic yards of unclassified roadway excavation; 1100 cu. yds. of structural excavation; 22,600 sq. yds. of preparing subgrade; 4250 cubic yards of Class B Portland cement concrete; 26,000 pounds of reinforcing steel; and 970 linear feet of CMP of various sizes.

Paving in Orange

On the same day bids will be opened in Los Angeles for grading and paving with Portland cement concrete about one mile of highway between Orange and Olive in Orange county.

Involved in the work are the following principal items: 10,100 cubic yards of unclassified roadway excavation; 50,000 station yards overhaul; 1100 cubic yards imported borrow; 12,300 square yards of preparing subgrade; 8200 square yards of preparing, mixing, and shaping shoulders; 2305 cu. yds. of Class A Portland cement concrete pavement.

Modernization is brightening many San Francisco buildings for the influx of visitors to the 1939 Golden Gate International Exposition.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
402	Benson	Harder	3952
403-4	Goodman	Janssen	7000
405	Mendo	Coburn	1000
406	Werner	Sartorio	1000
407	Bing	Owner	4000
408	Christensen	Lindsay	7000
409-10	Emonds	Frank	4975
411	Israel	Cornblum	6000
412	Puccinelli	Owner	75000
413	S.F.City & Co.	Owner	75000
414	S.F.City & Co.	Murer	1000
415	Andrea	Miller	1500
416	Cleveland	Coburn	2000
417	Harriman	Wold Constr.	4000
418	Wold	McCarthy	4000
419	Armstrong	Owner	3500
420	Garino	Owner	3500
421	Garino	Owner	2000
422	Gillette	Owner	2000
423	Regal	Owner	1800
424	Sou. Pac.	Owner	4000
425	Arco	Owner	3900
426	Roberti	Janigian	3900
427-8	Rousseau	Owner	6000
429	S. F. News	Hjul	10000
430	Ziegler	Aetna	4000
No.	Owner	Contractor	Amt.
431	Carlson	Owner	5500
432-4	Heyman	Owner	9000
433-4	Parente	Owner	1000
435	Parente	Owner	70000
436	Rom. Cath.	Reilley	70000
437	Sommer	Epp	1000
438-40	Standard	Owner	3500
441-3	Williams	Williams Con.	3750

DWELLING

(402) E. 35TH AVE., 150 N TARAVAL. One-story and basement frame dwelling.
Owner—Andrew J. Benson, 2233 Santiago.
Architect—Not Given. \$3952

DWELLING

(403) W. 21ST AVE., 225 N CALIFORNIA. One-story and basement frame dwelling.
Owner—E. L. Goodman, 364 Bush Street.
Contractor—G. Harder, 632 44th Ave.
Architect—Not Given. \$3500

DWELLING

(404) W. 21ST AVE., 200 N CALIFORNIA. One-story and basement frame dwelling.
Owner—E. L. Goodman, 364 Bush St.
Contractor—G. Harder, 632 44th Ave.
Architect—Not Given. \$3500

DWELLING

(405) S. WASHINGTON, 156 E OF BAKER ST. Two-story & basement frame dwelling.
Owner—Mendo Corp., 1138 Clement St.
Contractor—E. A. Janssen, 1136 Clement St.
Architect—Not Given. \$7000

ALTERATIONS

(406) 535 STEINER ST. Alter dwelling.
Owner—Mrs. Werner, c/o Contractor.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$1000

ALTERATIONS

(407) 816 SACRAMENTO ST. Alter restaurant.
Owner—Fong Bing et al, c/o Contractor.
Contractor—Peter Sartorio, 369 Pine Street.
Architect—Not Given. \$1000

DWELLING

(408) S. JUDAH, 95 W 21ST AVE. One-story and basement frame dwelling.
Owner—Herman Christensen, 1801 19th Ave.
Architect—C. O. Clausen, 746 46th Ave. \$4000

FRAME FLATS

(409) N. CABRILLO, 47 E 42ND AVE. Two-story and basement frame flats.
Owner—J. W. Emonds, 677 43rd Ave.
Contractor—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—Not Given. \$7000

FRAME FLATS

(410) N. 42ND AVE. AND CABRILLO ST. Two-story frame flats.
Owner—J. W. Emonds, 677 43rd Ave.
Contractor—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—Not Given. \$7000

ALTERATIONS

(411) 428 FOST ST. Alter store.
Owner—Adolph and Marie Israel, 451 Post St.
Contractor—Fink & Schindler Co, 552 Brannan St.
Architect—Not Given. \$4975

DWELLING

(412) E. 48TH AVE., 35 N SUTRO HEIGHTS. Two-story and basement frame dwelling.
Owner—A. Puccinelli, 1554 Masonic Ave.
Contractor—Edward Cornblum, 2200 47th Ave.
Architect—Not Given. \$6000

OFFICE & BLEACHERS

(413) NE MOSCOW AND GENEVA Streets. Class B Office and Bleachers.
Owner—City and County of S. F., Prem.
Architect—W. G. Merchant, Russ Bldg.
Engineer—H. J. Brunner, Sharon Bldg. \$75,000

CLUB HOUSE

(414) 34TH AND CLEMENT ST. One-story frame club house.
Owner—City and County of S. F., Premises.
Architect—G. A. Dalley, 210 Post St.
Engineer—W. L. Huber, 1 Montgomery St. \$75,000

ALTERATIONS

(415) 1276 PALOU AVE. Alter flats
Owner—Andrea Bros, Prem.
Contractor—L. Murer, 1274 Quesada.
Architect—Not Given. \$1000

ALTERATIONS

(416) 1451 19TH AVE. Alter dwelling.
Owner—J. C. Cleveland, Prem.
Contractor—Miller & McGillis, 4444 Geary Blvd.
Architect—Not Given. \$1500

ALTERATIONS

(417) 1520 GREENWICH. Alter apartments.
Owner—S. S. Harriman, c/o Contractor.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$2000

DWELLING

(418) W. 31ST AVE., 25 N. KIRKHAM. One-story and basement frame dwelling.

Owner—Clarence L. Wold, 4412 Fulton St.
Contractor—C. L. Wold Constr. Co., 4412 Fulton St.
Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING

(419) W. VERMONT, 175 N 22ND ST. One-story and basement frame dwelling.
Owner—H. B. Armstrong, c/o Contractor.
Contractor—Robert McCarthy, 1363 14th Ave.
Architect—D. E. Jaskie, 126 Post St. \$4000

DWELLING

(420) W. DUBLIN, 225 N PERSIA. One-story and basement frame dwelling.
Owner—Leonard Garino, 3794 16th St.
Architect—Not Given. \$3500

DWELLING

(421) W. DUBLIN, 200 N PERSIA. One-story and basement frame dwelling.
Owner—Leonard Garino, 3794 16th St.
Architect—Not Given. \$3500

DWELLING

(422) NE LA SALLE, 300 NW OF BOALT. One-story and basement frame dwelling.
Owner—Ray Gillette, 450 La Salle St.
Architect—Not Given. \$2000

ALTERATIONS

(423) 136 KEARNY ST. Alter store.
Owner—Regal Shoe Co, Prem.
Architect—Not Given. \$2000

ALTERATIONS

(424) BERRY ST., BET. THIRD & FOURTH STS. Alter warehouse.
Owner—Southern Pacific Co, 65 Market St.
Architect—J. H. Christie, 165 Market St. \$1800

DWELLING

(425) E. ALEMANY BLVD., 135 S. MT. VERNON. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 5401 Mission St.
Engineer—Robert A. Hanson, 736 Bay Street.
Architect—Not Given. \$4000

ALTERATIONS

(426) 150 MASON ST. Alter restaurant.
Owner—F. Roberti, Prem.
Contractor—J. Janigian, 1921 Mission St.
Architect—Not Given. \$3900

DWELLING

(427) S. CHESTNUT, 125 W. OF BRODERICK. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

DWELLING

(428) S. CHESTNUT, 150 W. OF BRODERICK. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

ALTERATIONS

(429) 818 MISSION ST. Alter warehouse.
Owner—San Francisco News, 312 Mission St.

Contractor—James H. Hjul, 128 Russ St.
 Architect—Not Given. \$10,000

SERVICE STATION
 (430) NW EDDY AND LARKIN STS. Steel service station.
 Owner—A. Ziegler, c/o Contractor.
 Contractor—Aetna Constr. Co., 1730 24th Ave.
 Architect—Not Given. \$4000

FLATS
 (431) N. KIRKHAM, 54 E 23RD AVE. Two-story and basement frame flats.
 Owner—Carlson & Nelson, 1306 38th Ave.
 Architect—Not Given. \$5500

FLATS
 (432) NE 23RD AVE. AND KIRKHAM ST. Two-story and basement frame flats.
 Owner—Carlson & Nelson, 1306 38th Ave.
 Architect—Not Given. \$5500

FLATS
 (433) E. ARGUELLO BLVD., 100 N ANZA ST. Two-story and basement frame flats.
 Owner—Heyman Bros., 742 Market St.
 Architect—Not Given. \$9000

FLATS
 (434) E. ARGUELLO BLVD., 126 N ANZA ST. Two-story and basement frame flats.
 Owner—Heyman Bros., 742 Market Street.
 Architect—Not Given. \$9000

(435) 1850 POLK ST. Alter market.
 Owner—A. Parente and P. Solani, Prem.
 Architect—Not Given. \$1000

SCHOOL
 (436) NE ITALY AND NAPLES STS. Two-story Class B School.
 Owner—Archbishop of Roman Catholic Church, Franklin and O'Farrell Sts.
 Contractor—Frank J. Reilly Co., 6350 Fulton St.
 Architect—H. A. Minton, 525 Market St.
 Engineer—L. H. Nishkian, 525 Market St. \$70,000

ALTERATIONS
 (437) NW VAN NESS AVE. AND JACKSON ST. Alter showroom.
 Owner—S. Sommer, c/o Architect.
 Contractor—Leo Epp, 4745 Geary St.
 Engineer—J. M. Smith, 251 Kearny Street. \$1000

DWELLING
 (438) E. 31ST AVE., 250 N MORAGA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (439) E. 31ST AVE., 225 N MORAGA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (440) E. 31ST AVE., 200 N MORAGA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (441) N. DIAMOND, 104 W MORELAND. One-story and basement frame dwelling.

Owner—J. B. and Blanche Williams, 137 Shakespeare.
 Contractor—Williams Const. Co., 3366 22nd St.
 Architect—Not Given. \$3750

DWELLING
 (442) N. DIAMOND, 78 W MORELAND. One-story and basement frame dwelling.
 Owner—J. B. and Blanche Williams, 137 Shakespeare.
 Contractor—Williams Const. Co., 3366 22nd St.
 Architect—Not Given. \$3750

DWELLING
 (443) N. DIAMOND, 53 W MORELAND. One-story and basement frame dwelling.
 Owner—J. B. and Blanche Williams, 137 Shakespeare.
 Contractor—Williams Const. Co., 3366 22nd St.
 Architect—Not Given. \$3750

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
508	Gracie	Flagg	4000
509	Trimlett	Owner	3000
510	Conrad	Watson	3500
511	Lervik	Hughes	2700
512	P.G.&E.	Owner	9000
513	Wash. Mkt.	Elec. Prod.	1000
514	Fassio	Owner	2800
515	Rahives	Owner	3000
516	Pond	Pond	4000
517	Volberg	Aitkenhead	1000
518	Blankenship	Bristol	5975
519	Bryan	Owner	3000
520	Buckland	Owner	3500
521	Dether	Owner	2500
522	Harrington	Owner	2000
523	Hoffman	Owner	4000
524	Ind. Iron Wks.	Owner	14000
525	King	Van Bokkelen	2000
526	Loveland	Owner	1000
527	Charters	Johnson	5000
528	Franzen	Owner	3000
529	Hayes	Carpenter	3500
530	Morgensen	Owner	5000
531	Mathews	Elliah	4700
532	Parsons	Scott	1500
533	Scherman	Spivock	3000
534	Schwartz	Kulchar	25000
535	W. Berk. Exp.	Williamson	3000
536	Baker	Tarlet	1800
537	Egan	Rose	1000
538	Mattson	Ghigliotti	1447
539	Port of Oak.	Norris	1150
540	Port of Oak.	Healy	108372
541	Peshel	Owner	7000
542	Reynolds	Dooley	4000

DWELLING
 (508) 3369 KIWANIS ST., OAKLAND. One-story 5-room dwelling.
 Owner—Bill Gracie, Prem.
 Contractor—A. J. Flagg, 3743 Loma Vista Ave.
 Architect—Not Given. \$4000

DWELLING
 (509) 6057 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Robt. Trimlett, 924 Santa Clara Ave.
 Also garage, \$250.
 Architect—Not Given. \$3000

DWELLING
 (510) 3225 WISCONSIN ST., OAKLAND. One-story 5-room dwelling.
 Owner—Louis V. Conrad, 3726 Virden Ave.
 Contractor—William Watson, 4750 Meldon Ave.
 Also garage, \$250.
 Architect—Not Given. \$3500

DWELLING
 (511) 2621 OLIVER AVENUE, OAKLAND. One-story 5-room dwelling.

Owner—Margaret L. Lervik, 1239 60th Ave.
 Contractor—Wm. Hughes, 1239 60th Ave.
 Also garage, \$100.
 Architect—Not Given. \$2700

SHOP
 (512) 116 GROVE ST., OAKLAND. One-story concrete shop.
 Owner & Builder—Pacific Gas & El Co., 245 Market St., San Francisco.
 Architect—Not Given. \$8000

SIGN
 (513) 1219 WASHINGTON STREET OAKLAND. Electric sign.
 Owner—Washington Market, Prem
 Contractor—Elec. Prod. Corp., 950 30th St.
 Architect—Not Given. \$1000

DWELLING
 (514) 9436 C ST., OAKLAND. One-story 4-room dwelling.
 Owner & Builder—Mario Fassio, 9404 C Street.
 Architect—Not Given. \$2800

ALTERATIONS
 (515) 2005 89TH AVE. Alterations.
 Owner & Builder—A. F. Rahives, 2005 89th Ave.
 Architect—Not Given. \$3000

DWELLING
 (516) 975 VERSAILLES AVE., ALAMEDA. One-story, 5-room dwelling.
 Owner—The Jessie Pond Co., 1056 Ardmore Ave., Oakland.
 Contractor—C. P. Pond, 1056 Ardmore Ave., Oakland.
 Architect—F. H. Slocombe, Oakland. \$4000

ALTERATIONS
 (517) 1513-15-17-19 WEBSTER ST., ALAMEDA. Alterations: Remove rotten joists, install new ones; new vents, etc.
 Owner—Charles C. Volberg Co., 1524 Webster St., Alameda.
 Contractor—George Aitkenhead, 403 Eddy St., San Francisco.
 Architect—Not Given. \$1000

GARAGE
 (518) 2938 ELMWOOD AVE., OAKLAND. One-story concrete garage.
 Owner—Blankenship Motors, Inc., 29th Ave. and E. 12th St.
 Contractor—Mark Bristol, 1038 McKinley Ave.
 Architect—Geo. Ellinger, 1801 Caserline Road. \$5975

DWELLING
 (519) 2951 SCHOOL ST., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—P. M. Bryan, 2955 School St.
 Also 1-story garage, \$300.
 Architect—Not Given. \$3000

DWELLING
 (520) 2591 63RD AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Nelson J. Buckland, 1735 68th Ave.
 Also 1-story garage, \$150.
 Architect—Not Given. \$3500

DWELLING
 (521) 9348 BURR ST., OAKLAND. One-story 4-room dwelling.
 Owner & Builder—D. Dether, 4767 S. Crest Ave., Hayward.
 Also 1-story garage, \$300.
 Architect—Not Given. \$2500

ALTERATION
 (522) 3221 E. 17TH ST., OAKLAND. Alteration.
 Owner & Builder—Mrs. E. C. Harrington, 1305 E. 14th St.
 Architect—Not Given. \$2000

DWELLING
(523) 5526 ELIZABETH ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—H. W. Hoffman and C. S. Tiffin, 5720 Avenal Ave.
Architect—Not Given. \$4000

STEEL MILL BLDG.
(524) 821 PINE ST., OAKLAND. One-story steel mill building.
Owner & Builder—Independent Iron Works, 821 Pine St.
Architect—Not Given. \$14,000

REPAIRS
(525) 306 12TH ST., OAKLAND. Fire repairs.
Owner—King Estate, 308 12th St.
Contractor—W. K. Van Bokkelen, 439 23rd St.
Architect—Not Given. \$2000

ALTERATIONS
(526) 2520 SHATTUCK, BERKELEY. Alterations.
Owner & Builder—S. Loveland, Prem.
Architect—Not Given. \$1000

DWELLING
(527) 1615 WELLINGTON STREET, BERKELEY. One-story 5-room dwelling.
Owner—A. M. Charters, 2639 Ninth Ave.
Contractor—R. F. Johnson & Son, 560 36th St.
Architect—Not Given. \$5000

DWELLING
(528) 9521 PLYMOUTH ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Carl H. Franzen, 883 54th St.
Also garage, \$100.
Architect—Not Given. \$3000

DWELLING
(529) 5969 MAJESTIC AVE., OAKLAND. One-story 5-room dwelling.
Owner—Edgar M. Hayes, 5768 Foot-hill Blvd.
Contractor—Orland D. Carper, 3118 Champion St.
Architect—Not Given. \$3500

DWELLING
(530) 6200 HARWOOD AVE., OAKLAND. Two-story 5-room dwelling.
Owner—Morgensen Bros, 5664 Broadway.
Architect—Not Given. \$5000

DWELLING
(531) 6558 SOBRANTE ROAD, OAKLAND. One-story 5-room dwelling.
Owner—H. J. Mathews, Prem.
Contractor—W. H. Elliot, 6015 Contra Costa Road.
Architect—Not Given. \$4700

(532) 3359 LAKESHORE AVENUE, OAKLAND. Alterations.
Owner—Mr. Parsons, Prem.
Contractor—Harold E. Scott, 3840 Ardley Ave.
Architect—Not Given. \$1500

DWELLING
(533) 3925 PENNIMAN AVE., OAKLAND. One-story 5-room dwelling.
Owner—Sol Scherman, 1538 26th Ave.
Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
Architect—Not Given. \$3000

ALTERATIONS
(534) 455 12TH ST., OAKLAND. Alterations.
Owner—Schwartz & Grodin, 455 12th Street.
Contractor—S. Kulchar Co., 731 East Tenth St.
Architect—Not Given. \$25,000

BUILDING
(535) 1724 6TH, BERKELEY. One-story 1-room building.
Owner—West Berkeley Express and Draying Co., 1724 6th.
Contractor—W. Williamson, 320 Market St., San Francisco.
Architect—Not Given. \$3000

ALTERATIONS
(536) 974 SCOTT ST., OAKLAND. Alterations and additions.
Owner—P. Baker, 974 Scott St.
Contractor—P. C. Taniel, 4621 Fleming Ave.
Architect—Not Given. \$1800

REPAIRS
(537) 1011-15 WOOD ST., OAKLAND. Fire repairs.
Owner—Mr. Egan, 1121 Wood St.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$1000

ALTERATIONS
(538) 182 ORANGE ST., OAKLAND. Alterations.
Owner—Martha Mattson, Prem.
Contractor—Louis Ghigiotti, 5503 Telegraph Ave.
Architect—Not Given. \$1447

ALTERATIONS
(539) OAKLAND AIRPORT. Alterations to Hangar No. 5.
Owner—Port of Oakland, Grove St. Pier.
Contractor—Ralph E. Norris, 359 17th St.
Architect—Port of Oakland. \$1150

PIER EXTENSION
(540) NINTH AVE. TERMINAL, OAKLAND. Ninth Avenue Pier Extension.
Owner—City of Oakland (Port of Oakland), Grove St. Pier.
Contractor—Healy-Tibbitts Constr. Co., San Francisco.
Architect—Port of Oakland, Grove St. Pier. \$108,372

DWELLINGS
(541) 4147-4153 FRUITVALE AVE., OAKLAND. One-story 5-room dwellings (2).
Owner & Builder—C. O. Peshel, 4276 Fruitvale Ave.
Architect—Not Given. \$3500 ea.

DWELLING
(542) 4014 MIDVALE AVE., OAKLAND. One-story 5-room dwelling.
Owner—Lillian M. Reynolds, Prem.
Contractor—Fred T. Dooley, 4100 35th Ave.
Architect—Not Given. \$4000

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
233	Mtn. View Cem.	Otis	3434
239	Pac.T.&T.	West Asbes.	\$61,777
240	S P Co	Michel	.....

ELEVATOR
(238) 182 SECOND ST. Install passenger elevator in loft building.
Owner—Mountain View Cemetery Association.
Architect—W. P. Day.
Contractor—The Otis Elevator Co.
Filed Jan. 6, '38. Dated Dec. 30, '37
75% on 15th of month;
25% usual 35 days.
TOTAL COST, \$3,434
Limit, Feb. 10. Spec. filed.

(239) 333 GRANT AVE. Install acoustical ceiling.
Owner—The Pacific Tel. & Tel. Co.
Contractor—Western Asbestos Co.
Filed Jan. 7, '38. Dated Dec. 20, '37
75% on completion.
25% after 40 days.
TOTAL COST, \$861.77

Bond, \$861.77. Surety, Pacific Indemnity Co. Plans and specifications filed.

ROOF AND METAL WORK
(240) FELL AND BAKER Streets. Glass roof and ornamental metal work on hospital.

Owner—Southern Pacific Company.
Architect—Not Given.
Contractor—Michel & Pfeffer Iron Works, Harrison and 10th Sts.
Filed, Jan. 12, '38. Dated, Jan. 6, '38.
Monthly 75%
Usual 35 days 25%
TOTAL COST Not Given

Bond, \$7744. Sureties, United States Guaranty Co. Limit, 60 days. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
150	Skaggs	Makin	13424
151	Skaggs	Christiansen	2132

LATHING & PLASTERING
(150) LOTS 2-3-8-9, BLK A, PERALTA HTS., OAKLAND. Lathing and plastering apt. building.

Owner—M. B. Skaggs.
Architect—F. Soderberg.
Contractor—W. M. Makin.
Filed Jan. 10, '38. Dated Dec. 28, '37
Ext. and Int. lathing, comp. \$3500
1st coat ext. and int. plaster
on 2500
Interior plaster complete 2000
Exterior plaster complete 2068
Usual 35 days 3356
TOTAL COST, \$13,424.00

Bond, \$13,424. Surety, Fidelity and Casualty Co. of N. Y. Limit, Feb. 20, 1938. Plans and specifications filed.

SHEET METAL
(151) 241-287 WAYNE AVE., OAKLAND. Sheet metal for apartment building.

Owner—M. B. Skaggs.
Architect—F. Soderberg.
Contractor—Tobey Christiansen.
Filed Jan. 10, 1938. Dated Dec. 28, '37
Valleys, flashings, louvers
in place \$800
Completion 795
Usual 35 days 537
TOTAL COST, \$2132.00

Bond, \$2132. Surety, Mass. Bonding & Ins. Co. Limit, \$2132. Plans and specifications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER dwelling, \$400; 3160 Jackson St.; owner, D. D. Waldron, Prem.; contractor, Hockings Service, 2216 Clement St.

SIGN, electric, \$160; 385 Geary St.; owner, H. P. Randall, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

CONST. fence, \$100; E. Girard, 150 N. Wayland St.; owner, Antone Petersen, 2758 San Bruno Ave.

ALTER store, \$50; 3493 Mission St.; Louisa Smith, 405 Waller St.

FLUE, \$15; 2133 Hayes St.; owner, Sklar, Prem.; contractor, Economy Furnace & Sheet Metal Wks., 446 Fulton St.

ALTER dwelling, \$300; 945 Girard St.; owner, Isabelle Collopy, Prem.

ALTER hotel, \$100; 100-14 Fourth St.; owner, H. L. Simon, c/o Contractor; contractor, Mortenson Constr. Co., 19th and Indiana Sts.

SIGN, electric, \$160; NE Spear and Mission Sts.; owner, Tide Water Associated Oil Co., 79 New Montgomery St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings |
| 5.—Flats | 14.—Fire Houses and Jails |
| 6.—Garages and Service Stations | 15.—Residences |
| 7.—Federal Buildings | 16.—Schools |
| 8.—Industrial | 17.—Banks, Stores and Theatres |
| 9.—Club Buildings | 18.—Wharves & Docks |
| 10.—Hospitals | 19.—Misc. Const. |
| 11.—Hotels | 20.—Misc. Supplies & |

1—APARTMENTS

Plans Completed
APARTMENT HOUSE Cost, \$.....
 SACRAMENTO, Cal. 19th and P Streets.

Two-story frame and stucco apartment house (8 apts.).
 Owner—Paul From.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

3—CHURCHES

Plans Completed
CHURCH Est. Cost, \$60,000
 SAN FRANCISCO. 22nd Ave. and Lawton St.

Three-story steel and frame church and Sunday School (L-shaped building), gas-fired warm air heating system, tile and composition roof, steel sash, carpets and linoleum on pine floors.
 Owner—Church of Jesus Christ of Latter-Day Saints (Stephen Winter, Pres.).
 Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Plans will shortly be forwarded to Sait Lake City for approval.

LOW BIDDER

LOS ANGELES, Calif.—Jackson Bros.-LeSage, 547 S. Fairfax Ave., submitted low bid for construction of a one-story and basement, reinforced concrete administration building (75x73 ft.) at the southwest corner of 25th St. and Broadway, Los Angeles, for California Mission, Church of Jesus Christ of Latter-Day Saints; Georgius Cannon, architect, Security Bldg., Pasadena. 3

4—FACTORIES & WAREHOUSES

Additional Sub Contracts Awarded
WAREHOUSE Cost, \$35,000
 BERKELEY, Alameda Co., Calif. Warehouse.
 Owner—The Palmolive-Peet Co., Carlton and Sixth Streets, Berkeley.

Plans by Constr. Dept. of Owner.
 Contractor—The Austin Co., Ray Bldg., Oakland.

Plumbing & Heating.—The Scott Company, 113 Tenth St., Oakland.

Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.

Roofing—General Roofing Co., 3985 Beach St., Oakland.
 Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
 As previously reported:
 Concrete—Chas. H. Hughes Co., 1001

Ashby St., Oakland.
 Excavations—J. Catucci, 1212 18th Ave., Oakland.
 Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
 Form Lumber—Hogau Lumber Co., 2nd and Alice Sts., Oakland.
 Structural Lumber—E. K. Wood Lbr. Co., No. 1 Drumm St., San Francisco.
 Sprinklers—Grinnell Co. of the Pacific, 601 Brannan St., San Francisco.

Contract Awarded
ALTER WAREHOUSE Cost, \$10,000
 SAN FRANCISCO. 818 Mission St. Alter warehouse.
 Owner—San Francisco News, 812 Mission Street.
 Architect—Not Given.
 Contractor—James H. Hjul, 128 Russ Street. 4

5—FLATS

Preparing Preliminary Plans
FLATS Cost, \$15,000
 SAN FRANCISCO. Richmond Dist. Two - story flat building containing two six-room flats (composition roof, hardwood floors, tile baths, wood sash, etc.)
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny.

To Be Done By Day's Work
FLATS Cost, \$6,000 each
 SAN FRANCISCO. N. Kirkham St., 54 ft. E. 23rd Ave. and NE 23rd and Kirkham.
 Two two-story and basement frame flat buildings.
 Owner & Builder—Carlson & Nelson, 1306 38th Ave.
 Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$9,000 each
 SAN FRANCISCO. E. Arguello Blvd. 100 and 126 ft. N. of Anza St.
 Two two-story and basement frame flat buildings.
 Owner & Builder—Heyman Bros., 742 Market St.
 Architect—Not Given. 5

6—GARAGES & SERVICE STATIONS

Contract Awarded
GARAGE Cont. Pr., \$5,975
 OAKLAND, Alameda Co., Cal. Elmwood St. and 29th Ave.
 Public garage building.
 Owner—Blankenship Motors, Inc.
 Architect—G. E. Ellinger, 1801 Castlerline Road, Oakland.
 Contractor—Mark Bristol, 1038 McKinley Ave., Oakland.

Bids were received as follows: (1) general work, (2) ded. for sliding doors in lieu of Acme rolling doors, (3) ded. for sliding doors without floor guides in lieu of rolling doors.
 Complete bids follow:
 Mark Bristol, Oakland—(1) \$5,975, (2) \$400, (3) \$400.
 John F. Tulloch, Oakland—(1) \$6,082, (2) \$243, (3) \$317.
 Willis F. Lynn, Oakland—(1) \$6,450, (2) \$350, (3) \$400.
 Geo. Swanstrom, Oakland—(1) \$6,673, (2) \$343, (3) \$418.
 Contract awarded Mr. Bristol on bid No. 1. 6

Contract Awarded
SERVICE STATION Cost, \$4,000
 SAN FRANCISCO. NW Eddy and Larkln Streets.

Steel gasoline service station.
 Owner—A. Ziegler, c/o Contractor.
 Architect—Not Given.
 Contractor—Aetna Const. Co., 1730 24th Avenue. 6

7—FEDERAL BUILDINGS

BIDS WANTED
 MARE ISLAND, Solano Co., Cal.—Until Feb. 16, bids will be received at the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for steel caisson gate with motor-operated pumps and piping for the Navy Yard, Mare Island, Calif. Spec. No. 8518. Est. cost, \$125,000.

Plans and specifications may be obtained at the Bureau or from the Commandant Navy Yard, Mare Island, Cal., upon deposit of check or postal money order for \$25, payable to the Chief of the Bureau of Yards & Docks.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Albert E. Mangs & Associates, 709 Geary St., San Francisco, at \$4,985, awarded contract by the District Public Wks. Office, Room 351, Federal Office Bldg., San Francisco, for the installation of a steel-lined vault, steel window shutters and grille, and steel vault door, having a four-pronged, 96-hour time lock and combination, tile wall; plastering, electrical work, carpentry work, painting, heating and plumbing, between Rooms 360 and 366 on the third floor of the Federal Office Bldg., Civic Center, San Francisco. Spec. No. 8631.

BIDS WANTED

SAN DIEGO, Cal.—Until Jan. 25, 11 a.m., bids will be received by the Public Works Office, Headquarters, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Galley of Mess Hall Extension, Bldg. No. 210, at the Naval Operating Base (Marine Corps Rifle Range), San Diego; Spec. 8634.

Work consists of installation of approximately 2900 square feet of terrazzo floor and 400 linear feet of terrazzo base.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

BIDS REJECTED

SEATTLE, Wash.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids received for burglar proof cabinets, at the U. S. P. O., Seattle. The project will be given further study.

BIDS WANTED

SAN DIEGO, Cal.—As previously reported, until Feb. 20, 11 a.m., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for erection of steel for hangar at the 11th Naval District (Reeves Field), Terminal Island, Los Angeles Harbor, Cal.; Spec. 8644. Estimated cost, \$2,500.

Work consists of erection of the structural steel work of the hangar, approximately 122 tons. Fabricated structural steel, rivets and bolts will be furnished by the Government at the site of the work.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

NORTH HOLLYWOOD, Cal.—Bids are now being received by the Custodian of the building for a lawn sprinkler system, at the U. S. P. O. at North Hollywood. 7

CONTRACT AWARDED

PORT TOWNSEND, Wash.—Thos. Jones, 826 Van Buren Street, Port Townsend, at \$1,170 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for miscellaneous repairs at the U. S. P. O. at Port Townsend.

BIDS OPENED

SAN DIEGO, Cal.—Eleventh Naval District, San Diego, opened bids Jan. 11 for galley and cafeteria equipment, piping, electric connections, bakery equipment, and a cold storage plant for the Naval Operating Base (Air Station), San Diego; Spec. 8555. The bids were:

Kohlenberger Engineering Corp.—(3) \$7,677.35.

Engle Mfg. Co.—(1) \$47,985; (8) \$3,125.

B. O. Larsen—(1) \$53,000; (2) \$34,200; (3) \$18,600; (4) \$87,000; (5) \$71,200; (6) \$53,000; (7) \$103,000; (8) \$2,500.

Emil Brown & Co.—(1) \$52,513, less 5%; (2) \$33,758; (3) \$18,023; (4) \$86,271, less 3 1/2%; (5) \$70,536, less 4%; (6) \$51,781, less 1%; (7) \$104,294; (8) \$26,73.

Bariker Bros.—(1) \$47,165; (2) \$31,245; (3) \$11,338; (4) \$78,414; (5) \$58,503; (6) \$42,586; (7) \$89,752; (8) \$2450.

Mangrum - Holbrook - Elkun — (1) \$40,490.

West Coast Gas Engine Co.—(3) \$8786.

Baker Ice Machine Co.—(3) \$8314.

Southern Equipment Co., St. Louis —(1) \$43,750; (2) \$29,950; (4) \$73,500; (8) \$2560.

Geo. Belsey Co.—(3) \$9800.

Dohmann Hotel Supply Co.—(1) \$43,540; (8) \$3370.

Robert I. Steen Co.—(2) \$31,499; alt. deduct \$400.

The bids were held under advisement.

PLANS ON FILE

SAN FRANCISCO — Plans and specifications for the construction of the U. S. High Commissioner's Office at Manila, P. I., for which bids will be opened March 1, 1:00 p.m., are now on file for local examination by general contractors, sub-contractors and manufacturers at the office of the Constructing Quartermaster, Fort Mason, San Francisco.

Contract Awarded
POST OFFICE Cont. Pr. \$81,775

ALAMAGORDO, Otero Co., N. M. United States Post Office.

Owner—United States Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Contractor—J. J. Fritch, Dallas, Tex.

BIDS WANTED

SAN DIEGO, Cal.—Until Jan. 25, 11 a.m., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for terrazzo floors in Mess Hall-Galley and Bachelor Officers' Quarters Buildings at the Eleventh Naval District (Reeves Field), Terminal Island, Los Angeles Harbor, Calif.; Spec. 8655.

Work consists of installation of approximately 2300 square feet of terrazzo base.

Bidding data obtainable from the above office upon deposit of \$10 check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

BONNEVILLE, Ore.—Until Jan. 20 3 P. M., bids will be received by the War Department, United States Engineer Office, Bonneville, Ore., for removing existing tile and plaster and furnishing and installing tile wainscots in tub alcoves in twenty residences, and in shower compartments of the Auditorium and in 3 of the above mentioned residences.

Plans and specifications obtainable from the above office.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Bids are now being received at the Bureau of Yards & Docks, Navy Department, Washington, D. C., for steel caisson gate with motor-operated pumps and piping for the Navy Yard, Mare Island, Calif. Spec. No. 8513. Est. cost, \$125,000.

Plans and specifications may be obtained at the Bureau or from the Commandant, Navy Yard, Mare Island, Cal., upon deposit of check or postal money order for \$25, payable to the Chief of the Bureau of Yards & Docks.

No bid opening date yet set.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 20, 11 a.m., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for erection of steel for hangar at the 11th Naval District (Reeves Field), Terminal Island, Los Angeles Harbor, Cal.; Spec. 8644.

Work consists of erection of the structural steel work of the hangar, approx. 122 tons. Fabricated structural steel, rivets and bolts will be furnished by the Government at the site of the work.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

**Contract Awarded
QUARANTINE STATION**

Cont. Pr. \$145,700

HONOLULU, T. H.

United States Quarantine Station.

Owner—U. S. Government.

Architect — Procurement Division, Public Buildings Branch, Washington, D. C.

Contractor—MacDonald Constr. Co., 3229 W. Pine Blvd., St. Louis, Mo.

BIDS WANTED

ALAMEDA, Calif.—Bids are now being received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for following temporary buildings: Frame office building and steel garage at the Naval Air Station, Alameda, Cal.

Work includes concrete, steel and iron work, roofing and sheet metal work, carpentry and joinery, screens, plumbing, heating and electric systems, and gasoline pump and tank. Spec. 8648.

Drawings and specifications may be obtained at the Bureau or from the Commandant, Navy Yard, Mare Island, Calif., upon deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks. No bid opening date yet set.

Bid Opening Date Postponed to Feb. 16, 11:00 A. M.

STORAGE BUILDING Cost, \$190,000

MARE ISLAND, Solano Co., Cal. Construction of paint and oil storage building at the Navy Yard, Mare Island; Spec. 8595. Work includes wood piles, reinforced concrete construction, structural steel blocks, steel and iron work, built-up roofing, sheet metal

work, metal doors and windows, marble work, and plumbing, heating and electrical systems.

Owner—U. S. Government, Bureau of Yards and Docks.

Plans by Treasury Dept., Supervising Architect, Washington, D. C.

Opening date postponed from February 9.

Plans and specifications may be obtained shortly from the Bureau of Yards and Docks, Navy Dept., Washington, D. C., and from the Commandant, Navy Yard, Mare Island, Cal. upon deposit of \$25, check or postal money order, payable to the Chief of the Bureau of Yards and Docks. Bids will be opened in Washington, D. C.

A set of plans and copy of specifications will be on file for examination shortly at the office of the 12th Naval District, Federal Office Bldg., San Francisco.

BOND ELECTIONS**BOND ELECTION PLANNED**

PALO ALTO, Santa Clara Co., Cal.—The City of Palo Alto is planning to vote bonds about Feb. 15 in the amount of \$175,000, proceeds to finance construction of a four-story, 80-bed addition to the Palo Alto community hospital.

A special council meeting will be held Jan. 24 to set a definite election date.

January 7, 1938.

Preparing Preliminary Plans
HOSPITAL Est. Cost, \$700,000
SAN FRANCISCO, Seventh Avenue and Dewey Blvd., Laguna Honda Home.

New hospital building (400 beds), connecting with present unit and containing ex-ray offices, staff offices, operating room and morgue, also reconstruction of ward buildings E and F, containing 400 beds, and reconstruction of employees' dining room, kitchen, etc., facilities, and reconstruction of infirmary building and heating and lighting systems to serve new additions.

Owner—City & County of San Francisco.

Architects—Dodge A. Riedy, 821 Market St., and Frederick H. Meyer, Kohl Bldg., San Francisco.

CONTRACT AWARDED

CAMARILLO, Ventura Co., Calif.—State Architect George B. McDougall, Public Works Bldg., Sacramento, awarded the following contracts for the erection and completion of Attendants' Quarters, 2nd Unit, Camarillo State Hospital, near Camarillo.

The Attendants' Quarters, Second Unit, consists of a two-story reinforced concrete building with steel sash and tile roof, and a reinforced concrete building with steel sash and tile roof, and a reinforced concrete garage unit.

General Work

Harvey A. Nichols, Los Angeles, \$76,202.00.

Electric Work

Coast Electric Co., 823 Santee Street, Long Beach, \$3895.00.

Plumbing Work

Kenneth Fraser, Pasadena, \$6,760.00.

Heating and Ventilating

Consolidated Heating & Ventilating Co., 1799 W 8th St., Los Angeles, \$7466.00.

BIDS WANTED

PHOENIX, Ariz.—Until Jan. 25, 2 p.m., bids will be received by the Board of Directors of State Institutions, State Capitol Bldg., Phoenix, for the construction of a hospital building, occupational therapy building and addition to present women's

ward building at Arizona State Hospital, 24th and Van Buren Streets, Phoenix, a PWA project. Plans obtainable from the architects, Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of \$15; returnable. Certified check for 5% required. The hospital, which will provide 75 beds, is estimated to cost \$95,000, the therapy building \$26,000, and the addition \$9000. Equipment will cost an additional \$15,000. The buildings will be one-story, masonry structures with tile roof.

PREPARING WORKING DRAWINGS

LOS ANGELES, Calif.—Architects M. L. Baker and G. L. Ott, 624 S La Brea Avenue, are starting working drawings for an 8-story Class A steel and reinforced concrete addition to the Queen of the Angeles Hospital, 2301 Bellevue St. Est. cost, \$250,000.

Low Bidders ISOLATION WARD

MARTINEZ, Contra Costa Co., Calif. Addition of an isolation ward to accommodate 12 patients at south end of present County Hospital. Owner—County of Contra Costa. Architect — E. Geoffrey Bangs, 580 Market St., San Francisco, and Keith O. Narbett, 474 31st St., Richmond.

Bids were received on a segregated basis.

Low bidders follow:
Carpentry — A. Frederick Anderson, 1093 Longridge Road, Oakland—\$4,263.

Excavation and Concrete—George Petersen, 1841 Bancroft Ave., San Leandro—\$6,192.

Lathing and Plastering—Wm. Makin, 2141 Livingston St., Oakland—\$4,519.

Roofing—Martinez Sheet Metal Wks., 908 Ferry St., Martinez—\$603.

Plumbing—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.

Electric Work—T. L. Rosenberg Co., 411 Webster St., Oakland—\$1,627.

Steel—Soule Steel Co., 1750 Army St., San Francisco—\$4,732.

Tile Work—The Rigney Tile Co., 3012 Harrison St., Oakland—\$476.

Linoleum — Superior Tile Co., 3743 Broadway, Oakland—\$622.

Heating—Thos. J. Kennedy, Box 83, Martinez—\$3,119.

Painting—Raphael Co., 270 Tehama St., San Francisco—\$330.

Bids Wanted — To Close February 1, 2:00 P. M.

BAKERY BLDG. Cost, \$.....

STOCKTON STATE HOSPITAL, San Joaquin Co., Cal.

Two-story reinforced concrete addition to existing bakery building, complete with all mechanical and electrical work; steel windows, steel trussed roof framing and wood roof sheathing.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Plans and specifications may be obtained from the State Architect's office upon deposit of \$25, returnable.

Bids must be accompanied by cash, cashier's or certified check payable to the Director of Public Works, in

BIDS WANTED

TUCSON, Ariz.—Until Jan. 19, 10 a.m., bids will be received by the Pima County Supervisors, Tucson, Ariz., for one industrial type water softener, with individual operating valves, to be installed in the Pima County Hospital. Price is to be complete, installed in water supply to present hot water system. Specifications on file at the supervisors office. The amount of 10% of bid.

11—ICE AND COLD STORAGE PLANTS

CONTRACT AWARDED

ORANGE COUNTY, Cal.—Gay Engineering Corp., 2730 E 11th St., Los Angeles, awarded contract for construction of a reinforced conc. pre-cooling plant (approx. 75x190-feet) with ice storage facilities and icing docks, at Catherine, near Irvine, Orange county, for the Irvine Valencia Growers. Building and equipment will cost approximately \$106,000. Excavation started Jan. 10. Plans by Gay Engr. Corp. 11

12— POWER PLANTS

Contract Awarded

FOUNDATIONS Cost, \$.....
OAKLAND, Alameda Co., Calif. NE corner of First and Grove Streets. Construction of transformer foundations and repair house foundations at sub-station C. Owner—Pacific Gas & Electric Co. Plans by Engr. Dept. of Owner. Contractor—Dinwiddie Const. Co. Inc. 219 Crocker Bldg., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Wanted—To Close January 21, 3:00 P. M.

PLUMBING WORK Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

All plumbing work to be done in the Service Portion of the East Hangar.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 565 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 565 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.

Bids Wanted — To Close February 11, 1:00 P. M.

STATE LIBRARY Cost, \$872,500
SALEM, Marion Co., Oregon.

Erection and completion of the Oregon State Library Building, including gen. construction work, library stacks, heating and ventilating systems, electric wiring and light fixtures, plumbing work, including fixtures and accessories, fire lines, sprinkler system, elevators, etc., and the erection and completion of alterations and additions to the present Old Capitol heating plant including new boiler, new stack, heating trench, etc.

Owner—State of Oregon.

Architects — Whitehouse & Church, 619 Railway Exchange Building, Portland, Ore.

One set of plans and specifications may be obtained from the architect's office upon deposit of \$50, returnable; however, for additional sets, \$24 of the amount of deposit will be retained to cover production cost.

Bids must be accompanied by bond in the amount of 5% of total amount of base bid and will be received in Room "A" of the Central Library, 801 SW Tenth Ave., Portland, Ore.

Contract Awarded

OFFICE BLDG. Cont. Pr., \$13,797
MARYSVILLE, Yuba Co., Calif.

One-story wood frame office building with wood sash and tile roof, for the Highway Patrol, Department of Motor Vehicles.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Empire Const. Co., Ltd., Russ Bldg., San Francisco.

BIDS OPENED

SAN FRANCISCO—Frank J. Reilly Co., 6350 Fulton St., San Francisco, at \$5,331, submitted low bid to the Public Utilities Commission, Rm. 287, City Hall, for finishing offices rooms and other improvements to administration building at the San Francisco Airport.

Complete bids follow:
Frank J. Reilly Co. \$5331
W. C. Tait 5874
Barrett & Hilp 6196
Empire Const. Co., Ltd. 6247
Peter Sartorio 6418

Bids Opened

MUNICIPAL BUILDING HONOLULU, T. H. Civic Center.

Two-story reinforced concrete tax building (125 x 155 ft.), with stucco exterior and mission tile roof, electrical, plumbing and elevator facilities to house entire territorial tax departments.

Owner—Dept. of Public Works (Louis Cain, Supt.), Honolulu, T. H. Architect—Hart Wood, Honolulu.

Low Bidder—W. S. Ching, Honolulu—\$177,989.90.

Complete bids follow:

W. S. Ching.....\$177,989.90
J. W. Glover..... 194,943.54
John Hansen..... 199,346.60
Walker & Olund, Ltd..... 197,647.00
Geo. E. Freitas..... 200,000.00
E. E. Black, Ltd..... 201,484.00
Ralph E. Woolley..... 207,500.00
William Willis..... 212,913.00
Moses Akiona..... 217,000.00
Hawaiian Contr. Co., Ltd..... 220,220.00

Bids were opened Jan. 3.

Bids Wanted—To Close January 17, 3 P. M.

ELEPHANT GROUP Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of Elephant Group at Main Entrance Towers.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.) 565 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 565 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

Bids Wanted — To Close January 17, 3 P. M., 1938

PIPING, ETC. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Piping, rough plumbing and ventilating equipment in the Palace Group.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 565 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 565 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

Bids Wanted—To Close January 21, 5:00 P. M.

CITY POUND Est. Cost, \$13,000
SACRAMENTO, Cal. One-story corrugated iron city dog pound (98x 46 ft.), concrete floors, composition roof.

Owner—Ben All Mystic Fund Committee.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

BIDS WANTED

MADERA, Calif.—Until Jan. 17, 8 p.m., bids will be received by Geo. M. Shedd, City Clerk of the City of Ma-

dera for the painting, varnishing and plaster repair of the City Hall Bldg. at 209 North D St., Madera.

Specifications are on file for examination at the office of the City Clerk at the City Hall.

Correction In Sub-Contract
CITY HALL Cont. Pr., \$73,800
SANTA CRUZ, Santa Cruz Co., Cal.
Church and Locust Streets.

One- and two-story reinforced concrete city hall (second and third units) to house offices of the city engineer, building and plumbing inspectors, council chambers and police court and committee chambers.

Owner—City of Santa Cruz (S. Z. Evans, City Clerk).

Architect—C. J. Ryland, Carmel and Monterey.

Contractor—F. C. Stolte Co., San Simeon.

Mill Work—Anderson Bros. Planing Mill & Mfg. Co., Quint and Custer Sts., San Francisco.

It was previously reported in error that mill work had been awarded Pacific Mfg. Co.

Complete sub-contracts published January 11.

CONTRACT AWARDED

SAN FRANCISCO—Frank J. Reilly Co., 6350 Fulton St., at \$5,331 awarded contract by the Public Utilities Commission, Room 287, City Hall, for finishing office rooms and other improvements to administration bldg. at the San Francisco Airport.

Complete bids published Jan. 7.

CONTRACT AWARDED

VENTURA CO., Calif.—Standard Const. Co., 2529 Ridgeview Avenue, Eagle Rock, at \$5,652 awarded contract by the Division of Highways, for construction of a truck shelter at El Rio Maintenance Station between Ventura and Oxnard, Ventura County.

Complete bids published Dec. 30.

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until Jan. 17, 2 P. M., bids will be received by the Board of Supervisors of Solano County, G. G. Halliday, Clerk, at the Courthouse at Fairfield, for painting eight rooms in the City Hall at Vallejo.

Specifications obtainable at the office of the County Probation Officer in the Vallejo City Hall.

Bids Opened

CITY HALL

LAWNDALE, San Mateo Co., Calif.
NW Cor. El Camino Real and Jewell Ave.

New one-story and basement frame City Hall building to contain courtroom, city clerk's office, health department, police department, post office, jail and garage; tile roof, stucco finish, wood sash, gas-steam radiators.

Owner—City of Lawndale.
Architect—Resing & McGuinness, 488 Fine St., San Francisco.

Low Bidder—Joel Johnson & Son, 1614 Church St., San Francisco—\$21,335.

Complete bids follow:

Joel Johnson & Son	\$21,335
Frank J. Reilly Co.	21,431
W. C. Akard	21,444
R. A. McLean & Son	21,882
De Luca & Son, Inc.	22,000
H. H. Smith, Daly City	22,149
Peter Sartorio	22,230
A. Nelson, Inc.	22,985
H. H. Larsen & Co.	24,343
M. Dickson, San Bruno	24,531

All of San Francisco, unless otherwise noted.

Bids held under advisement.

Sub Contracts Awarded

CITY HALL Cont. Pr., \$73,800
SANTA CRUZ, Santa Cruz Co., Cal.
Church and Locust Sts.

One- and two-story reinforced concrete city hall (second and third units) to house offices of the city engineer, building and plumbing inspectors, council chambers, and police court and committee chambers.

Owner—City of Santa Cruz (S. Z. Evans, City Clerk).

Architect—C. J. Ryland, Carmel and Monterey.

Contractor—F. C. Stolte Co., San Simeon, Cal.

Roofing—C. L. Frost, 165 Webster St., Monterey.

Plumbing, Heating and Sheet Metal—A. F. Peters & Son, 455 Washington St., San Jose.

Electric Wiring—Gulbert Bros. Elec. Co., 286 W. Santa Clara St., San Jose.

Tile Work—Simpson Tile Co., 46 W. Julian St., San Jose.

Glass—Habeneicht & Howlett, 529 Clay St., San Francisco.

Window Shades—The Gill-Mann Co., 160 Second St., San Francisco.

Hardwood Floors—Aethna Hardwood Floor Co., 951 Buchanan Street, San Francisco.

Mill Work—Pacific Mfg. Co., Santa Clara.

Bids Wanted—To Close February 1, 10 A. M.

JAIL ADDITION Cost, \$42,000
MADERA, Madera Co., Calif.

Two-story reinforced concrete and granite wing addition to connect with existing building by 20-ft. court; remodel front of existing bldg.; new office rooms; women's ward on 2nd floor of new wing; basement to house kitchen, laundry and equipment.

Owner—County of Madera.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids must be accompanied by certified check, cashier's check or bidder's bond of 10% of bid and will be opened in the Supervisors' Chambers at the Court House, Madera.

Bids Wanted—To Close January 21, 5:00 P. M.

CITY POUND Est. Cost, \$15,000
SACRAMENTO, Cal. One-story corrugated iron city dog pound (99 x 46 ft.), concrete floors, composition roof.

Owner—Ben All Mystic Fund Committee.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Following contractors have taken out plans:

L. F. Gould, 1623 O St.
Wm. C. Keating, 1121 24th St.
Montlado & Suenens, 2430 19th St.
Lawrence Constr. Co., 2574 18th St.
Charles F. Unger, 2426 7th Ave.
H. W. Robertson, 3004 F St.
L. L. Watson, 1768 11th Ave.
F. V. Burgeson, Rt. 7, Box 2208.
Henry Finnigan, 1714 16th St.
Holdener Constr. Co., 2608 R St.
All of Sacramento.

Following contractors have taken out plans:

L. F. Gould, 1623 O St.
Wm. C. Keating, 1121 24th St.
Montlado & Suenens, 2430 19th St.
Lawrence Constr. Co., 2574 18th St.
Charles F. Unger, 2426 7th Ave.
H. W. Robertson, 3004 F St.
L. L. Watson, 1768 11th Ave.
F. V. Burgeson, Rt. 7, Box 2208.
Henry Finnigan, 1714 16th St.
Holdener Constr. Co., 2608 R St.
All of Sacramento.

BIDS WANTED

MAYWOOD, Los Angeles Co., Cal.—Until Jan. 15, 3 P. M., bids will be received by the Maywood City Council for construction of a new fire hall and alterations to the present fire house building at 4319 E. Slauson Ave.

Plans and specifications may be obtained at the city clerk's office, 4318 E. Slauson Ave., Maywood. Certified check or bond for 10% required.

Separate bids will be taken for a one-story structure and for a two-story

structure. Est. cost, \$25,000. Plans by D. R. Edwards, 5911 Pine Avenue, Maywood.

13

January 13, 1938.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 19, 1:45 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing ½-in. rough plate glass Heruleite in floor of book stacks at Mac Library, Larkin and McAllister Sts.

Specifications obtainable from the Supt. of Public Bldgs., R. A. Chisholm, 484 11th St.

14—RESIDENCES

Contract Awarded
RESIDENCE Cost, \$6,519

SAN JOSE, Santa Clara Co., Calif.

One-story frame residence (plaster exterior and interior, tile roof, gas heating system, two baths).

Owner—Antonio Serrate, c/o Architect.

Architect—Charles McKenzie, Twoby Bldg., San Jose.

Contractor—Jos. Santi, 545 Madera Ave., San Jose.

Contract Awarded
RESIDENCE Cost, \$7,650

SAN JOSE, Santa Clara Co., Calif.

Vendome Grounds.
One-story frame and stucco residence (tile roof).

Owner—Mario Salvi.

Architect—Charles McKenzie, Twoby Bldg., San Jose.

Contractor—Jos. Santi, 545 Madera Ave., San Jose.

Contract does not include furnace or hot water boiler.

Preparing Preliminary Plans
RESIDENCE Cost, \$6,000

SAN FRANCISCO, Sunset District.

One-story frame and stucco residence (5 rooms, hardwood floors, tile baths, wood sash, etc.)

Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St.

Contract Awarded
RESIDENCE Cost, \$7,000

SAN FRANCISCO, S Washington 156 E Baker Street.

Two-story and basement frame residence.

Owner—Mendo Corp., 1138 Clement.

Architect—Not Given.

Contractor—E. A. Janssen, 1136 Clement Street.

14

Preparing Sketches
RESIDENCES Est. Cost, \$5,000 ea.

Garden Village, San Mateo Co., Cal.

Adjacent to Lake Merced Golf Course.
Two one-story frame and stucco residences (5 rooms each) hardwood floors, tile baths, wood sash, etc.

Owner and Builder—Paul A. Walter, Jr., 90 Ravenwood Dr., San Francisco.

Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Preparing Preliminary Plans
RESIDENCE Cost, \$10,000-\$12,000

MONTEREY, Calif.

One-story Naillite brick residence, rambling type, shake roof, hardwood floors, two tile baths, etc.

Owner—Joseph P. Bem, c/o Architect.

Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Contract Awarded
FLATS Cost, \$7,000 each

SAN FRANCISCO, NE Cabrillo St. and 42nd Ave.

Two two-story and basement frame flat buildings.

Owner—J. W. Emonds, 677 43rd Ave.
 Architect—Not Given.
 Contractor—Boyd C. Lindsay, 1176
 Alemany Blvd. • 14

1500 Judah St.
 Architect—Not Given. 14

15—SCHOOLS

Sub Bids Being Taken

BURLINGAME Cost, \$.....
 One-story frame and stucco resi-
 dence (6 rooms), shingle roof,
 tile baths, hardwood floors, warm
 air heating system.

Owner & Builder—A. F. Mattock Co.,
 212 Clara St., San Francisco.
 Architect—Angus McSweeney, 604
 Mission St., San Francisco.

Completing Preliminary Plans
PARISH HOUSE Est. Cost, \$20,000
 BENECLA, Solano Co., Cal.
 Two-story frame and stucco parish
 house.—Dominican Fathers.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.

Preparing Sketches
RESIDENCES Cost, \$5,000 each
WHITE OAKS, San Mateo Co., Cal.
 Two one-story frame and stucco resi-
 dences (5 rooms each), shingle
 roofs, hardwood floors, tile baths,
 w. sash, etc.)

Owner & Builder—Paul A. Wolter,
 Jr., 90 Ravenwood Dr., San Fran-
 cisco.
 Architect—Albert H. Larsen, 333
 Kearny St., San Francisco.

WORK STARTED

BAKERSFIELD, Kern Co., Calif.—
 M. G. Mears, owner of Mears Lumber
 Co., 2201 Summer St., Bakersfield, has
 started work on the construction of
 six 4-room residences, the first of a
 group of 18 houses he will erect in
 Bakersfield for himself. They will
 have redwood siding and composi-
 tion roof. 14

Preparing Preliminary Plans
RESIDENCE Cost, \$17,500
SANTA ROSA, Sonoma Co., Calif.
 Two - story residence (eight rooms,
 including large trophy room).
 Owner—Barney Lieurance, c/o Arch-
 itect.

Architect—Mark Daniels, 101 Post St.,
 San Francisco.

Preparing Preliminary Plans
RESIDENCE Cost, \$6,000
SAN FRANCISCO, Sunset District.
 One - story and basement frame and
 stucco residence (5 rooms).
 Owner—Withheld.
 Architect—Albert H. Larsen, 333
 Kearny St.

To Be Done By Day's Work
RESIDENCES Cost, \$6,000 each
SAN FRANCISCO, S. Chestnut St.,
 125 and 150 ft. W of Broderick St.
 Two two-story and basement frame
 residences.
 Owner & Builder—Oliver M. Rous-
 seau, 321 Kearny St.
 Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$.....
HAYWARD, Alameda Co., Cal.
 Two - story frame and stucco resi-
 dence (7 rooms), tile roof, hot
 air heating system, hardwood
 floors, tile baths, etc.
 Owner—Dr. Arthur P. Steinmetz.
 Architect—Miller & Warnecke, 1700
 Financial Center Bldg., Oakland.
 Contractor—George J. Amussen, 1058
 Grove Way, Hayward.

To Be Done By Day's Work
RESIDENCES Cost, \$4,000 each
SAN FRANCISCO, E. 31st Ave., 200
 225 and 250 ft. N. Moraga St.
 Three one-story and basement frame
 residences.
 Owner & Builder—Standard Bldg. Co.,

Engineers Approved
JUNIOR COLLEGE Cost, \$1,000,000
SAN FRANCISCO, Phelan and Ocean
 Avenues (37-acre site).
 San Francisco Junior College.

Owner—City & County of San Fran-
 cisco.
 Architect—Miller & Pflueger, 580
 Market St., and John Baur, 251
 Kearny St.

Plans are now being completed on
 the first unit, a 3-story reinforced
 concrete science building (80x500 ft.)
 with 35 classrooms, 28 administrative
 and teachers' offices, 10 laboratories,
 and a cafeteria to accommodate 1500
 in basement. Estimated cost of first
 unit is \$693,000.
 Structural Engineer—Walter L. Hu-
 ber, 1 Montgomery St.
 Plumbing and Heating & Ventilation—
 Leland & Haley, 58 Sutter St.
 Electric—G. M. Simonsen, 74 New
 Montgomery.

BIDS OPENED

SAN FRANCISCO.—Sibley Grading
 & Teaming Co., Ltd., 165 Landers St.,
 at \$31,290, submitted low bid to the
 Department of Public Works, City
 Hall, for excavation and foundation
 for the Science Building of the San
 Francisco Junior College, Ocean and
 Phelan Avenues.

Complete bids follow:

Sibley Grading & Teaming Co., Ltd.	\$31,290
M. E. Kucikovich	33,729
MacDonald & Kahn Co., Ltd.	33,733
Leo Epp	34,800
De Luca & Son, Inc.	34,930
Peter Sartorio	35,223
Grant-Martinelli Constr. Co.	36,264
F. C. Amoroso & Sons	38,589
Miller Constr. Co.	38,800
Chas. L. Harney	39,860
Barrett & Hilp	40,643
Eaton & Smith	40,700
Anderson & Ringrose	41,000
Clinton Constr. Co. of Calif.	46,870
Monson Bros.	51,826

Contract Awarded
SCHOOL BLDG. Cont. Pr. \$51,828
ALAMEDA, Alameda Co., Cal. Bay
 and Santa Clara Avenues (Mas-
 tuck School).

First unit, to consist of foundations
 and skeleton classroom building,
 up to and including plastering, of
 an eventual 1-story modernistic
 U-shaped elementary sch. build-
 ing (12 classrooms, gym., and au-
 ditorium), stucco exterior, low
 pressure steam heating system,
 concrete floors and foundations,
 fire-resistant roof of the composi-
 tion type; to be built on the
 unit plan around a central court-
 yard.

Owner—Alameda Board of Education
 (William G. Paden, Supt.).
 Architect—Kent & Hass, Underwood
 Bldg., San Francisco.
 Contractor—F. C. Stolte Co., 1405 San
 Antonio Ave., Alameda.

Contract was awarded on the ba-
 sis of acceptance of all alternate de-
 ductions, for which work a new bid
 call will be issued about July 1st,
 when more money is available.

W. Vernon Bernard, El Cerrito,
 submitted apparent low bid; how-
 ever, his bid was in error as he failed
 to include Alternate 1 in his deduc-
 tion for Alternate 2.

Complete basic bids and alternate
 bids published Jan. 6.

CONTRACT AWARDED

ST. DAVID, ARIZ.—Womack Constr.
 Co., 1066 W. Roosevelt St., Phoenix,
 awarded general contract by St. Da-
 vid School District, at \$31,937, for

construction of a new school in St.
 David. L. W. Greer, 1418 E. Van
 Buren St., Phoenix, awarded con-
 tract, at \$6050, for plumbing and heat-
 ing. Henry O. Jaastad, architect, 103
 Miltonberg St., Tucson. 15

Plans Approved
MECHANICS' BLDG. Cost, \$.....
LODI, San Joaquin Co., Calif. Lodi
 Union High School.

One - story reinforced concrete agri-
 cultural Mechanics Building (50
 x100 feet), asbestos built-up roof,
 steel industrial windows.

Owner—Lodi Union High School Dis-
 trict.
 Architect—Peter Sala, 2130 N. Com-
 merce St., Stockton.

Plans have been approved by the
 State Division of Architecture, and
 bids will be asked in about one
 month.

Contract Awarded
SCHOOL Cost, \$.....
SAN FRANCISCO. Naples and Italy
 Streets.

Two - story and basement concrete
 school building (9 classrooms), at
 St. Epiphany's.

Owner—Roman Catholic Archbishop
 of San Francisco, 1100 Franklin
 St., San Francisco.

Architect—Henry A. Minton, Under-
 wood Bldg., San Francisco.

Structural Engineer—L. H. Nishkian,
 525 Market St., San Francisco.
 Contractor—Frank J. Reilly Co., 6350
 Fulton St.

CONTRACT AWARDED

SAN FRANCISCO.—De Luca and
 Son, Inc., 1745 Filbert St., at \$3,333,
 awarded contract by the Dept. of
 Public Works, City Hall, for con-
 struction of lunch room at the John
 Muir School, Webster and Page Sts.

Following sub contracts submitted
 with bid:

Steel Sash, Misc. Iron and Metal
 Doors—Michel & Pfeffer, Tenth
 and Harrison Sts.—\$980.

Glass—Habenicht & Howlett, 529 Clay
 St.—\$403.

Painting—R. P. Paull & Co., 2530
 Lombard St.—\$265.

Plastering—James Patt, 147 Tenth
 St.—\$80.

Mech. Equip. and Plumbing—Skelly
 & Kohler, 1342 Ninth Ave.—\$22.

Sheet Metal—John Delucchi, 1526
 Powell St.—\$347.5.

Misc. Electric—G. H. Armstrong, 1388
 Van Ness Ave.—\$65.

Finish Hardware—E. M. Hundley, 662
 Mission St.—\$335.

Mill Work—Buttens Planing Mill, 395
 Sheridan St.—\$48.

Contract Awarded
SCHOOL Cont. Pr. \$55,450
PORT ORCHARD, Wash.

Two-story shop and combined audi-
 torium, gymnasium building (94
 x 102 feet).

Owner—South Kitsap Union High
 Sch. District (Mrs. W. A. Hirsch,
 Clerk).

Architect—Fred B. Stephen, Smith
 Tower, Seattle.

Contractor—Western Const. Co., Tex-
 tile Tower, Seattle. • 15

Bids Wanted — To Close January 31,
 8:00 P. M.

GYM Est. Cost, \$40,000
ELK GROVE, Sacramento Co., Calif.

One-story frame and stucco gymna-
 sium building, at the high school.
 Owner—Elk Grove Union High Sch.
 District.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.

Plans and specifications obtainable
 from the architect's office upon de-
 posit of \$25.

Bids will be opened at the high
 school.

Preparing Working Drawings
SCHOOL ADDN. Est. Cost, \$100,000
SAN RAFAEL, Marin Co., Calif. E.
Mission St.

One and part two-story addition to
San Rafael High School, to con-
sist of music room, domestic sci-
ence room, art room, business
school room, physical education
room, and vocational shops of re-
inf. concrete up to first floors
and fire-resistant construction
above.

Owner—San Rafael High Sch. Dis-
trict (Mr. Hartzell, Superintend-
ent of Schools)

Architect—N. W. Sexton, 1602 da-
Young Bldg., San Francisco.
The San Rafael High School Dis-
trict voted bonds Nov. 11, in the
amount of \$125,000, proceeds to fi-
nance construction of high school
addition, together with equipment
costing approximately \$25,000.
(5658) 1st report Nov. 12, 1938. * 15

Low Bidders
SCHOOL
STANWOOD, Wash.
Owner—School District 333, W. B.
Davis, Clerk, Stanwood.
Architect—Earl W. Morrison, Textile
Tower, Seattle.
Low Bidder—H. J. Solle, 2326 Colby
St., Everett—\$82,000.
T. D. MacNeill, Mt. Vernon, Wash.,
at \$84,400, submitted second low gen-
eral bid. 15

Contracts Awarded
STATE SCHOOL BUILDINGS
OLYMPIA, Wash.
Six institutional school buildings at
Western State Custodial School.
Owner—State of Washington.
Architect—Graham & Palner, Dexter
Horton Bldg., Seattle.
General Work—S. Christian Erick-
son, 1248 S. Alnsworth St., Ta-
coma—\$397,867.
Plumbing and Heating—University
Plumbing & Heating Co., 3939
University Way, Seattle—\$88,796.
Electric Work—City Electric Co.,
Sumner, Wash.—\$9,709.
Refrigeration—Northwest Baker Ice
Machines Co., 1061 6th St., Se-
attle—\$13,946.

Contract Awarded
SCHOOL Cont. Pr., \$99,765
FOREST GROVE, Oregon.
One-story frame and brick veneer
school (232 x 127 feet), 8 class-
rooms, library of offices, health
room, combination auditorium-
gym, stage and dressing rooms,
3 classrooms in basement, econ-
omics room and shower rooms.
Owner—Forest Grove School District
No. 15, Washington Co. (Eliza-
beth Todd, Clerk).
Architect—C. N. Freeman, Concord
Bldg., Portland.
Contractor—Robertson, Hay & Wal-
lace, 1801 SE Grand, Portland.
Contract was awarded third low
bidder. 15

Low Bidder
SCHOOL
PORT ORCHARD, Wash.
Two-story shop and combined audi-
torium, gymnasium building (94 x
102 feet).
Owner—South Kitsap Union High
Sch. District (Mrs. W. A. Hiersch,
Clerk).
Architect—Fred B. Stephen, Smith
Tower, Seattle.
Low Bidder—Western Constr. Co.,
Textile Tower, Seattle—\$55,450.
Stingle & Fedt, Bremerton, at \$56,-
180, submitted second low bid. 15

SCHOOL Cont. Pr., \$102,700
MT. VERNON, Wash.
Three-story school building (62 x 223
feet), with wing (15 x 81 feet).

Owner—Mt. Vernon School District,
Skagit Co. (J. A. Reeves, Supt.).
Architect—N. Torbitt, 401 Lloyd
Bldg., Seattle.

Contractor—A. S. Hansen, 2200 25th
St., Seattle.

Haskell Plumbing & Heating Co.,
Bellingham, at \$21,591, awarded con-
tract for plumbing and heating, and
City Electric & Fixture Co., Seattle,
at \$8,097, awarded contract for elec-
tric work. 15

Low Bidders
SCHOOL
GRANITE FALLS, Wash.
Two-story high school.
Owner—Consolidated School District,
332 Snohomish County.
Architect—Earl W. Morrison, Textile
Tower, Seattle.

Low Bidder—H. J. Solle, 2326 Colby
St., Everett—\$63,438.
Basett Plumbing & Heating Co.,
2811 Wetmore St., Everett, at \$12,713,
submitted low bid for plumbing and
heating and City Electric & Fixture
Co., 1022 Third St., Seattle, at \$5,493,
low bidder for electric work. 15

Low Bidders
SCHOOL ADDN. oCst, \$.....
KLAMATH FALLS, Oregon.
Gymnasium and shop building addi-
tion to high school.
Owner—Union High School District
2, Klamath Falls.
Architect—Howard Perrin, Klamath
Falls.
Low Bidder—Brosterhaus Const. Co.,
Klamath Falls, \$86,719.
W. M. Lorenz, Klamath Falls, at
\$18,139 submitted low bid for plum-
bing and heating work, and Garcelon
Electric Shop, Klamath Falls, at \$4,-
949 low bidder for electric work.
School board will try to raise ad-
ditional funds in order to reinstate
some alternates. 15
(8955)

Low Bidder
SCHOOL Cost, \$.....
FOSTER, Wash.
Two-story brick school building.
Owner—School District 114 (H. C.
Anderson, Clerk), Rt. 5, Box 165,
Seattle.
Low Bidder—F. G. Fox, Rt. 5, Box
422, Seattle—\$79,977.
C. L. Frey, Seattle, at \$83,591, sub-
mitted second low bid. 15

Bids Wanted — To Close January 27,
2:00 P. M.
SCHOOL ADDITION Cost, \$165,000
OLYMPIA, Wash.
Addition to Washington Grad. school
for Junior High School.
Owner—School District 320, Thur-
ston Co., Wash. (Harry L. Wort-
man, Clerk).
Architect—Joseph H. Wohleb, Cham-
bers Bldg., Olympia.
Plans and specifications obtainable
from the architect upon deposit of
\$20. 15

Bids Wanted — To Close January 24,
2:00 P. M.
SCHOOL ADDITIONS Cost, \$225,000
WENATCHEE, Wash.
Unit (A), three-story addition (110
x 175 ft.) to existing school; Unit
(B), two and three-story New
Whitman Grammar School bldg.
(70 x 134 ft.); Unit (C), one-
story addition to Columbia Grammar
School.
Owner—School District 46, Chelan
Co., Carolyn Sterling, Secy.
Architect—Earl W. Morrison, Textile
Tower, Seattle.

Plans and specifications obtainable
from the architect's office upon de-
posit of \$25. 15

LOW BIDDER
ESCONDIDO, San Diego Co., Cal.—

Harry Muns, 4621 Cleveland Ave.,
San Diego, submitted low bid to the
Escondido Union High School Dis-
trict, Jan. 5, at \$123,000, for a combina-
tion auditorium-gym-cafeteria building to
be built at Escondido high school, a
PWA project. It will be a one-story
and part basement structure, 109 x
180 feet in area. Plans by Architect
Wm. P. Lodge, 521 E. St., Room 509,
San Diego. The school board will
recommend to the PWA that the
contract be awarded to Mr. Muns,
but has not yet determined what al-
ternate bids will be used. * 15

BIDS WANTED
BERKELEY, Alameda Co., Calif.—
Until Jan. 19, 11 a. m., bids will be
received by the Regents of the Uni-
versity of California at Berkeley for
(1) completion of library stack-
ing and flooring, biology library, the
Life Sciences Bldg.; and (2) comple-
tion of library stacks and flooring,
first, second and third tiers, south-
west block of stacks, main stack
room, University Library.

Plans and specifications obtainable
at the office of the Comptroller, Rm.
106, California Hall, University of
California, Berkeley. Deposit of \$10
is required for plans and specifi-
cations on each job.

Bids Wanted — To Close January
24, 2:00 P. M.
JUNIOR HIGH SCH. Cost, \$151,000
SNOHOMISH, Wash.
Two-story junior high school bldg.,
with gym.
Owner—School District 329, Snoh-
omish Co. (Arthur Johnson, Clk.).
Architect—Wm. Mallis, Lyon Bldg.,
Seattle.

Plans and specifications obtainable
from the architect's office upon de-
posit of \$15. * 15

Bids Wanted — To Close January
22, 4:00 P. M.
SCHOOL BLDG. Cost, \$130,000
KENT, Wash.
Construction of grade school bldg.,
about 219 x 64 ft., with gym wing
about 52 x 72 ft.
Owner—School District No. 3, King
County, Wash.
Architect—Wm. Mallis, Lyon Bldg.,
Seattle.

Plans and specifications may be
obtained at the architect's office
upon deposit of \$15 certified check
payable to School District No. 3,
King Co., Wash. * 15

COMPLETING PLANS
MANHATTAN BEACH, Los Angeles
Co., Cal.—Architects Plummer
Wurdeman & Becket, 1400 Pacific
Finance Bldg., Los Angeles, will com-
plete plans this week for the third
unit of the new 24th Street School,
to be built at 24th Place and Grand-
view Ave., Manhattan Beach, a WPA
project. Plans will be submitted to
the state architect Jan. 11. * 15

Sub Contracts Awarded
SCHOOL Cont. Pr., \$92,611
FRUITRIDGE, Sacramento Co., Cal.
One-story frame school building con-
taining 14 classrooms and assem-
bly room with stage, lavatories,
office, waiting room, nurses' rm.,
teachers' rm., and kitchen; wood-
shed roof trusses, stucco wall
shingle roof, direct radiation
heating, floor area of 26,840 sq.
feet.

Owner—Fruitridge School District.
Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.
Structural Engineer—F. W. Kellberg,
320 Market St., San Francisco.
Contractor—Otto Stelbrenner, 2148
Perkins Way, Sacramento.
Roofing—Capital Roofing & Supply
Co., 2011 Q St.

Plumbing—L. U. Plummer, 1019 J Street.
 Electric Wiring—Rex Moore, 616 San Antonio Way.
 Heating—Luppen & Hawley, Inc., 3126 J St.
 Sheet Metal—M. R. Carpenter, 907 Front St.
 Tile Work—H. P. Fischer Tile and Marble Co., 1219 J St.
 Glass—T. E. Cain, Inc., 2416 J St.
 Window Shades—Fred E. Turner, 557 Market St., San Francisco.
 Hardwood Floors—Sacramento Hardwood Floor Co., 2415 I St.
 Iron Grille Work—Palm Iron & Bridge Works, 15th and S Sts.
 Grading—J. R. Reeves, 12th and American River.
 Lumber—Diamond Match Co., 2826 Q St.
 Mill Work—Sierra Mill & Lumber Co., 201 V St.
 Painting—Willcoxon & Wilson, 1724 34th St.
 Lathing & Plastering—R. L. Thompson, Route 1, Box 3305.
 Concrete—Kerkins Gravel Co., 1846 37th St.
 Steel Rolling Doors—Thomas Scollan, Jr.
 All of Sacramento, unless otherwise noted.
 (761) 1st report Oct. 9; 9th, Dec 10, 1937.

BIDS WANTED
SAN FRANCISCO—Until Jan. 19, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of a lunch room at Elison School, Chestnut and 22nd Sts. Estimated cost, \$3,000.
 Plans and specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.00.

Plans Approved
GYM Est. Cost, \$40,000
ELK GROVE, Sacramento Co., Calif. One-story frame and stucco gymnasium building, at the high school.
Owner—Elk Grove Union High Sch. District.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Plans have been approved by the State Division of Architecture and will be asked within a few days.

Low Bidder
SCHOOL Cost, \$.....
SAN FRANCISCO. Naples and Italy Streets.
 Two-story and basement concrete school building (9 classrooms), at St. Epiphany's.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Henry A. Minton, Underwood Bldg., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low Bidder—Frank J. Reilly, Co., 6350 Fulton St.
 Mr. Reilly submitted low bid on the general work.

Bids Wanted — To Close January 31, 8:00 P. M.
SCHOOL Est. Cost, \$40,000
MADERA CO., Cal.
 New frame and stucco and stucco grammar school to contain three classrooms and auditorium; tile roof, new toilets.
Owner—Ripperdan School District, c/o Clerk, Madera.
Architect—Fred L. Swartz, Brix Bldg., Fresno.
 Following contractors have taken out plans:
 R. W. Brown Constr. Co., 118 S. Kay St., Madera.
 John E. Saterstad, 201 North N St., Madera.

Z. L. Little, 205 N. Lake St., Madera.
 E. J. Denny, Madera.
 Limer & Allen, 130 27th St., Merced.
 B. Hodgson & Sons, 510 Second St., Porterville.
 W. H. Jones, 519 Tait St., Sanger.
 Shalz Constr. Co., 3445 Woodland Ave., Chico.
 L. Ubels, Box 181, Ripon.
 Harris Constr. Co., 577 McKinley Ave., Fresno.
 T. C. & W. H. Irwin, 908 Mildreda Ave., Fresno.
 Midstate Construction Co., 501 Pacific-Southwest Bldg., Fresno.
 W. J. Ochs, Heim Bldg., Fresno.

BIDS WANTED
LOS ANGELES, Calif.—Until Jan. 21, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 S. San Pedro St., for a reinforced concrete cafeteria building to be built at the Manual Arts high school, 4131 S. Vermont Ave. Est. cost, \$37,000. John and Donald B. Parkinson, architects; Holmes & Narver, structural engineers; E. L. Ellingwood, mechanical engineer. Separate bids will be taken as follows: (1) general work; (2) plumbing; (3) heating and ventilating; (4) painting (5) electrical work. * 15

Low Bidders
SCHOOL
CHEWELAH, Wash.
 Two-story concrete grammar school.
Owner—Chewelah School District No. 22 (J. A. Defoe, Clerk).
Architect—G. M. Rasque & Son, Washington Trust Bldg., Spokane.
Low Bidder—J. J. Lohrens, Paulsen Bldg., Spokane—\$51,442.
 Isbister Plumbing & Heating Co., at \$8,378, submitted low bid on plumbing and heating work. * 15

PREPARING PLANS
CAMARILLO, Ventura Co., Calif.—Architect Ross Montgomery, William Mully, associate architect, 3828 Amesbury Road, Los Angeles, are preparing plans for St. John's Seminary, a large institution to be built on a 100-acre site in Camarillo for the Roman Catholic Archdiocese of Los Angeles. The seminary will include a main chapel and tower, three subsidiary chapels, nuns' convent, offices, library, auditorium, kitchen, classrooms, laboratories, hospital, living quarters for 200 persons, stone-houses, power and heating plants. Construction will be of reinforced concrete with concrete slab floors and roof, plaster and architectural concrete exterior, tile roofing, marble entrance floors, acoustical treatment, metal lath and plaster, hardwood, white pine, mastic tile and stone floors, bronze grilles, built-in book-cases, ventilating system, slate blackboards, steel vault shelves, electric dumbwaiter, hardwood, pine and metal trim, ornamental metal, fire-proof doors, steel studs, steam heat, refrigeration system; estimated cost, \$750,000. * 15

Completing Preliminary Plans
ADDITION Est. Cost, \$35,000
PIEDMONT, Alameda Co., Cal. 800 Magnolia Avenue.
 One-story concrete library addition (40x70-ft.) to join study hall with business manager's office and supply rooms adjoining library, to conform with present architecture; terra cotta tile roof.
Owner—Piedmont High School.
Architect—H. H. Weeks, 593 Market St., San Francisco.
 Project has been approved by the WPA and working drawings will be started very shortly.

CONTRACT AWARDED
ESCONDIDO, San Diego Co., Cal.—Harry Muns, 4621 Cleveland Avenue, San Diego, awarded contract by Escondido Union High School District, at \$109,670, for a combination auditorium-gym-cafeteria building to be built at Escondido High School, a PWA project. Award made on bid of \$123,000 with deductions totaling \$13,330. Plans by Architect William P. Lodge, 521 B St., Room 509, San Diego.

Complete total bids follow:
 Harry Muns\$123,000
 M. H. Golden..... 126,600
 O. H. Strauser..... 135,000
 Campbell & Kelly..... 138,920
 Hunt & Curry..... 137,000
 Stark & Schmid..... 138,900
 Arthur Pinner, Jr..... 158,000
 * 15

Contract Awarded
SCHOOL Cost, \$79,977
FOSTER, Wash.
 Two-story brick school building.
Owner—School District 114 (H. C. Anderson, Clerk), Rt. 5, Box 165, Seattle.
Contractor—F. G. Fox, Rt. 5, Box 422, Seattle. * 15

Plans Completed
AGRICULTURAL SHOP BLDG. Cost, \$8,000
FWLWELER, Fresno Co., Cal.
 Structural steel and wood frame agricultural shop building, composition roof, steel sash.
Owner—Fowler Union High School District.
Architects—Franklin & Kump, Jr., 522 T. W. Patterson Bldg., Fresno.
 Date for receiving bids to be set shortly.

Bids Wanted — To Close January 24, 2 P. M.
SCHOOL Est. Cost, \$100,000
PORTERVILLE, Tulare Co., Calif. Olive Street.
 Reinforced concrete grammar school to contain eight classrooms, library and offices.
Owner—Porterville Grammar School District.
Architect—W. D. Coates, Rowell Bldg., Fresno.

BIDS WANTED
BERKELEY, Alameda Co., Cal.—Until Jan. 26th, 11 a.m., (date previously reported as Jan. 19) bids will be received by the Regents of the University of California at Berkeley for (1) completion of library stacking and flooring, biology library, the Life Sciences Bldg.; and (2) completion of library stacks and flooring, first, second and third tiers, south-west block of stacks, main stack room, University Library.
 Plans and specifications obtainable at the office of the Comptroller, Rm. 106, California Hall, University of California, Berkeley. Deposit of \$10 is required for plans and specifications on each job.

Plans Completed
SCHOOL BLDG. Cost, \$.....
CAMPBELL, Santa Clara, Cal.
 Second unit of addition to Campbell High School, to consist of auditorium building, shop building, & administration bldg., fencing, paving and construction of six tennis courts.
Owner—Campbell Union High School District.
Architect—H. H. Weeks, 593 Market St., San Francisco.
 Plans have been completed and are now in Sacramento awaiting approval of State Division of Architecture.
 First unit (gymnasium only) of

work awarded F. C. Stolte Co., 1405 San Antonio Ave., Alameda, at \$55,400.

10—BANKS, STORES AND OFFICES

Completing Plans
REMODEL BANK Cost, \$20,000
 OROVILLE, Butte Co., Cal.
 Remodel bank building; new counters, marble work, air conditioning system, etc.

Owner—First National Bank, Oroville.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Bids Opened
STORE BUILDING Cost, \$.....
 REDWOOD CITY, San Mateo Co., Calif.

Store building, 57 x 135 feet.
 Owner—Henry A. Beeger, 83 Duane, Redwood City.

Architect—Lazer L. Nusbaum, No. 9 Geary St., San Francisco.

Low Bidder—G. W. Williams Co., 315 Primrose Rd., Burlingame—\$43,070.

Four low bidders follow:
 G. W. Williams Co., Burlingame.....\$43,070
 Moore & Roberts, S. F.....43,267
 H. H. Larsen Co., S. F.....43,623
 Wells P. Goodenough,
 Palo Alto.....44,770

Bids held under advisement.

Bids In—Held Under Advisement
STORE BUILDING Cost, \$.....
 REDWOOD CITY, San Mateo Co., Calif.

Store building, 57 x 135 feet.
 Owner—Henry A. Beeger, 83 Duane, Redwood City.

Architect—Lazer L. Nusbaum, No. 9 Geary St., San Francisco.

Sub-Contracts Awarded
MARKET Cont. Pr., \$18,630
 SAN MATEO, San Mateo Co., Calif.

One-story and mezzanine reinforced concrete market building, wood trusses, composition roof, terra cotta front.

Owner—Whitheld.
 Architect—Mario Corbett, 72 3rd Ave., San Mateo.

Contractor—Charles J. Pedersen, 731 Prospect Row, San Mateo.

Roofing—Crowley Roofing Co., 108 California Drive, Burlingame.

Plumbing—Harry Lee, 220 California Drive, Burlingame.

Electric Wiring—Atlas Electric Co., 135 B St., San Mateo.

Sheet Metal—Izmirian Roofing and Sheet Metal Works, 229 S Railroad Ave., San Mateo.

Tile Work—American Art Tile Co., 231 Franklin St., San Francisco.

Glass—Cobbedick - Kibbe Glass Co., Washington at 3rd St., Oakland.

Grading—L. C. Smith, 235 3rd Ave., San Mateo.

Lumber—Wisnom Lbr. Co., Fifth and S. Claremont, San Mateo.

Mill Work—Pacific Mfg. Co., 639 B St., San Mateo.

Painting—David Millar, 16 E. Mount Diablo Ave., San Mateo.

Lathing and Plastering—S. Eriksen, 308 30th Ave., San Mateo.

Concrete Materials—San Mateo Feed & Fuel Co., 850 San Mateo Dr., San Mateo.

Steel Rolling Doors—Ceco Steel Products Corp., 1280 Indiana St., San Francisco.

Planned
ADDITION Cost, \$.....
 FRESNO, Calif. 1146 Fulton St.

Concrete and brick store addition to provide an additional 20-ft. frontage for the adjoining \$100,000 building now being constructed.

Owner—Fresno Properties Co. (C. R. Puckhaber, Pres.), Fresno.

Lessee—J. J. Newberry Co. store.

CONTRACT AWARDED

LOS ANGELES, Cal.—L. H. Hoffman, 1228 W 6th St., awarded contract for construction of a two-story and basement, 22-room, frame and stucco store and office building, 50x90 ft. in area, at 8500 Sunset Blvd., West Hollywood, for Jacone Realty Corp., 927 1/2 Doheny Rd., West Hollywood. Cost, \$30,000. J. J. Rees, structural engineer, 253 S. Broadway. Construction will start Jan. 10. * 16

Plans Completed
REMODEL STORE Est. Cost, \$3500
 ORINDA, Alameda Co., Calif.
 Modernize existing store building.
 Owner—J. I. Clark, c/o architect.
 Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Contract will be awarded a selected contractor.

Being Done By Day's Work
STORE Cost, \$8,000
 FRESNO, Cal. Ventura and First Streets.

One-story brick store building (L-shaped).

Owner—Roy Saroyan, First and Ventura, Fresno.

Architect—Not Given. * 16

Preparing Working Drawings
MEDICO-DENTAL BLDG. Cost, \$.....

SEBASTOPOL, Sonoma Co., Calif.
 One-story frame medico dental bldg., composition roof, some steel and wood sash, gas furnace, linoleum floors, etc.

Owner—Dr. Chester Marsh, c/o Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Upon completion of plans, general bids will be asked.

Bids Opened
OFFICE BLDG.

SANTA ROSA, Sonoma County, Cal. Santa Rosa Ave.

One-story reinforced concrete store building (40 x 50 ft.), tile roof.

Owner—Mr. Virgil Clark, c/o Arch. Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Low Bidder—Joseph Chirhart, 431 Tenth St., Santa Rosa—\$7,959.

Complete bids follow:

Joseph Chirhart	.....\$7,959
Louis Halvorsen	.....8,700
C. W. Hansen	.....8,895
R. S. Knight	.....8,987
D. D. Downie, Sebastopol	.....9,460
Walter L. Olsen	.....10,579

All of Santa Rosa, unless otherwise noted.

Bids held under advisement.

January 12, 1938.

CONTRACT AWARDED

GLENDALE, Los Angeles Co., Cal.—P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, awarded general contract for erection of a 3-story arc basement class telephone exchange building, 75 x 90 feet in area, on Orange St., south of Broadway, Glendale, for the Southern California Telephone Co., 740 S. Olive St., Los Angeles. As previously reported, Columbia Steel Co., 2087 E. Slauson Ave., Vernon, has the contract for structural steel. The building, which is designed for an ultimate height of nine stories, will be a steel frame structure with reinforced concrete walls and floor and roof slabs, steam heat, terrazzo and tile work, steel sash. Work will start this week. Plans by the owner's engineering department. * 16

Contract Awarded
 ALTERATIONS Cost, \$25,000
 OAKLAND, Alameda Co., Calif. 455 12th Street.

Alterations to building.
 Owner—Schwartz & Grodin, 455 12th St., Oakland.

Architect—Not Given.
 Contractor—S. Kulchar Co., 731 East Tenth St., Oakland. * 16

17—THEATRES

PLANS BEING FIGURED

LOS ANGELES, Calif.—Architect Marcus P. Miller, 707 Board of Trade Bldg., is taking bids from a selected list of contractors for a one-story class store building (50 x 140 ft.) to be built at 6617 S. Broadway for the National Dollar Stores. Estimated cost, \$30,000. * 16

Bids In—Held Under Advisement
STORE Cost, \$.....

BERKELEY, Alameda Co., Cal. Euclid Ave.

One-story reinforced concrete store building.

Owner—Henry Swartz and George Weiser, c/o Architect.

Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Plans are being figured by a selected list of contractors.

WORK STARTED

BAKERSFIELD, Kern Co., Calif.—H. C. Evans, 922 Chester Ave., Bakersfield, has started work on remodeling the Hippodrome theater on Chester Ave., Bakersfield, for the Gales estate; Fox West Coast Theaters, lessees. Work will include the construction of a new front, new marquees, refurbishing and redecorating; cost, \$8,000. * 17

January 12, 1938.

Additional Sub Contracts Awarded
REMODELING Cont. Pr., \$13,437

Petaluma, Sonoma Co., Calif. Remodel present Mystic Theatre (to be re-named State Theatre).

Owner—Petaluma Theaters, Inc. Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contractor—Moore & Roberts, 693 Mission St., San Francisco.

Ornamental Iron—C. Frauneder, 335 8th St., Oakland.

Mill Work—Brannan Street Planing Mill, 560 Brannan St., San Francisco.

Sub contracts previously awarded published January 4.

18—WHARVES & DOCKS

Bids Opened
REMOVE PIER Cost, \$.....

SAN FRANCISCO. Embarcadero. Remove old Pier No. 11, immediately north of new Pier 9.

Owner—State of California (Board of Harbor Commissioners) Ferry Building.

Engineer—Frank G. White, Ferry Building.

Low Bidder—A. W. Kitchen & Co., 110 Market St., \$15,397.

Contract awarded low bidder subject to the approval of the PWA.

Complete bids follow:

A. W. Kitchen & Co.	.....\$15,397
M. B. McGowan, Inc.	.....15,623
Duncanson - Harelson Co.	.....18,500
Healy-Tibbitts Const. Co.	.....21,835

19—MISC. CONSTRUCTION

BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until Feb. 3, 10 a. m., bids will be received by the Board of Directors

of Imperial Irrigation District, El Centro, for construction of 33,000-volt transmission lines in Imperial Valley; Spec. No. 4.

The work involves:

- (1) 81 mi. No. 2/0 copper or equivalent ACSR conductor transmission lines;
 - (2) 31 mi. No. 2 copper or equivalent CSCR conductor transmission lines.
- Spec. No. 4 available from above upon deposit of \$10. This is PWA Project 1088-P D. The work will connect the hydro-electric plant at Drop No. 4 on the canal with the Diesel standby plant at Brawley, with loop lines by way of Holtville and the other by way of Calexico and El Centro. Branches to Westmoreland and Calipatria will be constructed. The detailed quantities are:

SCHEDULE 1

Construction of 33,000-volt Transmission Line with Copper Conductors.

Erecting in place, under Items 1 to 13, incl., the following classification of poles:

- (1) 3 poles, 25 ft 6 in top;
- (2) 37 poles, 30 ft 6 in top;
- (3) 16 poles, 35 ft 6 in top;
- (4) 3 poles, 40 ft 7 in top;
- (5) 1283 poles, 45 ft 8 in top;
- (6) 25 poles, 45 ft 9 in top;
- (7) 260 poles, 50 ft 8 in top;
- (8) 158 poles, 55 ft 8 in top;
- (9) 78 poles, 60 ft 8 in top;
- (10) 32 poles, 65 ft 8 in top;
- (11) 24 poles, 70 ft 8 in top;
- (12) 1 pole, 75 ft 8 in top;
- (13) 2 poles, 80 ft 8 in top;

Erecting in place, on poles covered by preceding Items 1 to 13, incl., under Items 14 to 27, incl., the following classification of pole heads:

- (14) 1592 heads (single arm);
- (15) 45 heads (double arm);
- (16) 22 heads (single arm);
- (17) 68 heads (double arm);
- (18) 36 heads;
- (19) 7 heads;
- (20) 15 heads;
- (21) 5 heads (single line arm);
- (22) 7 heads;
- (23) 27 heads (single arm);
- (24) 4 heads (double arm);
- (25) 1 head (single arm, single circuit);
- (26) 18 heads;
- (27) 1 head;

Erecting in place, under Items 28 to 34, incl., the following classification of struts:

- (28) (single arm), 4 strut with two 60-ft poles;
- (29) (single arm), one strut with two 65-ft poles;
- (30) 1 strut with two 60-ft poles;
- (31) (special), 1 strut with two 60-ft poles;
- (32) 2 strut with three 70-ft poles;
- (33) 2 strut with three 70-ft poles;
- (34) 1 strut with two 55-ft poles;

Erecting in place, on existing district poles carrying 4-kv Primary Lines, under Items 35 to 37, incl., the following classification of pole heads:

- (35) 33 heads;
 - (36) 2 heads;
 - (37) 4 heads;
- Erecting in place, under Items 38 to 47, incl., the following classification of guying details:
- (38) 38 down guys, 5/16-in H S guy strand;
 - (39) 268 down guys, 3/8-in H S guy strand;
 - (40) 45 down guys, 7/16-in H S guy strand;
 - (41) 74 head guys, 5/16-in H S guy strand;
 - (42) 8 head guys, 3/8-in H S guy strand;
 - (43) 2 head guys, 7/16-in H S guy strand;
 - (44) 3 arm guys, 5/16-in H S guy strand;
 - (45) 282 15-in coner anchor per drawing EA-0027 complete with 3/8-x8-ft rod;

- (46) 69 20-in coner anchor per drawing EA-0026, complete with 3/8-x9-ft rod;
 - (47) 147 guy guard as per Item 32 of the material list EA-0005;
- Stringing in place on poles and struts covered by preceding Items 1 to 34, incl., under Items 48 and 49, copper conductors as follows:
- (48) 81 ml of 3-wire circuit No 2/0 copper conductors;
 - (49) 30 ml of 3-wire circuit No 2 copper conductors;
- Stringing in place, on pole heads covered by preceding Items 35 to 37, incl., under Item 50, copper conductors as follows:
- (50) 1.1 ml of 3-wire circuit No 2 copper conductor;

SCHEDULE 2

Construction of 33,000-volt Transmission Line with ACSR Conductors.

Erecting in place, under Items 1 to 13, incl., the following classification of poles:

- (1) 3 poles, 25 ft 6 in top;
- (2) 37 poles, 30 ft 6 in top;
- (3) 16 poles, 35 ft 6 in top;
- (4) 3 poles, 40 ft 7 in top;
- (5) 918 poles, 45 ft 8 in top;
- (6) 29 poles, 45 ft 9 in top;
- (7) 242 poles, 50 ft 8 in top;
- (8) 152 poles, 55 ft 8 in top;
- (9) 75 poles, 60 ft 8 in top;
- (10) 32 poles, 65 ft 8 in top;
- (11) 24 poles, 70 ft 8 in top;
- (12) 1 pole, 75 ft 8 in top;
- (13) 2 poles, 80 ft 8 in top;

Erecting in place, on poles covered by preceding Items 1 to 13, incl., under Items 14 to 27, incl., the following classification of pole heads:

- (14) 1195 heads (single arm);
- (15) 45 heads (double arm);
- (16) 23 heads (single arm);
- (17) 61 heads (double arm);
- (18) 7 heads;
- (19) 15 heads;
- (20) 5 heads (single line arm);
- (21) 11 heads;
- (22) 27 heads (single arm);
- (23) 4 heads (double arm);
- (24) 1 head (single arm, single circuit);
- (25) 18 heads;
- (26) 18 heads;
- (27) 1 head;

Erecting in place, under Items 28 to 34, incl., the following classification of struts:

- (28) 4 strut with two 60-ft poles (single arm);
- (29) 1 strut (single arm), with two 65-ft poles;
- (30) 1 strut (double arm), with two 60-ft poles;
- (31) 1 strut (special), with two 60-ft poles;
- (32) 1 strut with three 70-ft poles;
- (33) 2 strut with three 70-ft poles;
- (34) 1 strut with two 55-ft poles;

Erecting in place, on existing district poles carrying 4-kv primary lines, under Items 35 to 37, incl., the following classification of pole heads:

- (35) 35 heads;
 - (36) 2 heads;
 - (37) 4 heads;
- Erecting in place, under Items 38 to 47, incl., the following classification of guying details:
- (38) 38 down guys 5/16-in H S guy strand;
 - (39) 258 down guys, 3/8-in H S guy strand;
 - (40) 45 down guys, 7/16-in H S guy strand;
 - (41) 74 head guys, 5/16-in H S guy strand;
 - (42) 8 head guys, 3/8-in H S guy strand;
 - (43) 2 head guys, 7/16-in H S guy strand;
 - (44) 3 arm guys, 5/16-in H S guy strand;
 - (45) 272 15-in coner anchor complete with 3/8-x8-ft rod;
 - (46) 69 20-in coner anchor complete with 3/8-x9-ft rod;

- (47) 147 guy guards as per Item 32 of the material list;
- Stringing in place on poles and struts covered by preceding Items 1 to 34, incl., under Items 48 and 49, ACSR conductors as follows:
- (48) 81 ml 3-wire circuit, No 4/0 ACSR;
 - (49) 30 ml 3-wire circuit, No 1/0 ACSR;

Stringing in place, on pole heads covered by preceding Items 35 to 37, incl., under Item 50, ACSR conductor as follows:

- (50) 1.1 ml 3-wire circuit, No 1/0 ACSR.

BIDS WANTED

WASHINGTON, D. C.—Until Feb. 1, bids will be received by U. S. Marine Commission, Washington, D. C., for construction of twelve fast single-screw cargo vessels. Contractors who have procured specifications are: Bethlehem Shipbuilding Co., 1101 Key Highway, Baltimore, Md.; 75 Federal St., Boston, Mass.; 25 Broadway, New York City; 20th St. and Illinois Ave., San Francisco.

Los Angeles Shipbuilding & Drydock Co., San Pedro.
Alabama Drydock & Shipbuilding Co., foot of Canal St., Mobile, Ala.

Lake Union Dry Dock & Machinery Works, Fairview and Galer Streets, Seattle.
Ingalls Iron Works, Birmingham, Ala.

General Engineering & Drydock Co., foot of Fifth Ave., Oakland.
Federal Shipbuilding & Drydock Co., Lincoln Highway, Kearney, N. J.

Craig Shipbuilding Co., Long Beach Calif.
Charleston Drydock Co., 106 Concord St., Charleston, S. C. * 19

BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until Feb. 8, bids will be received by the Imperial Irrigation District for furnishing material and for the construction of 112 miles of transmission lines in the All-American Canal hydro-electric power system. The work will connect the hydro-electric plant at Drop No. 4 on the canal with the Diesel standby plant at Brawley, with loop lines by way of Holtville and the other by way of Calexico and El Centro. Branches to Westmoreland and Calipatria will be constructed. Spec. 3 provides for 550,000 lbs. conductor (copper or aluminum), 2000 poles, 8000 insulators, and 18 air brake switches. Spec. 4 provides for construction of the lines, the contractor to provide pole line hardware, cross arms, and other material not covered by Spec. No. 3. M. J. Dowd, Chief Engineer, Imperial. * 19

Contract Awarded

PLING Cont. Pr., \$38,500
YERBA BUENA SHOALS. Site of the 1939 Worlds Fair.
Piling for buildings surrounding the north square court No. 1 under contract No. 138; Approximately 120 green piles.
Owner—S. F. Bay Exposition, Inc., (Leland W. Cutler, Pres.), 585 Bush Street.
Architect—S. F. Bay Exposition Architectural Commission, 585 Bush Street.
Contractor—Clinton Construction Co., of Calif., 923 Folsom St.

CONTRACTS AWARDED

SANTA BARBARA, Calif.—Jack Bramlage, Cheltenham Dr., Santa Barbara, awarded contract by the City of Santa Barbara, at \$22,193 (subject to PWA approval), for concrete and tile work for a municipal outdoor swimming pool and bathroom to be built at Plaza Del Mar, Santa Barbara. L. A. Cline, 3248 Long Beach Ave., Los Angeles, was

awarded contract at \$17,900 for equipment and plumbing, and Chas. M. Urton, 18 N Calle Alamo, Santa Barbara, awarded general work at \$13,933. Henry W. Howell and Wm. A. Edwards, architects, 114 E. De la Guerra St., Santa Barbara. * 19

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED

BERKELEY, Alameda Co., Calif.— Until January 25, 10 A. M. bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing approximately 186,000 gallons of gasoline for the fiscal year 1938.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

OAKLAND, Calif.—As previously reported, until Jan. 19, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. 969, for (1) 384 2 1/2-in. outside diam. No. 15 stub gauge red brass seamless tube, and (2) 400 2 1/2-in. outside diam. by 2 1/2-in. inside diam. stub gauge red brass seamless tube.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Cal.—The following bids were submitted to the Metropolitan Water District, Los Angeles, under Spec. No. 264, for C.I. pipe and fittings, valves and miscellaneous metal work for Gene Wash and Copper Basin Dams:

SCHED. 1—Misc. Metal Work

- (1) 2 only, 10-ft x 10-ft steel double door and frame complete with appurtenances;
- (2) 2 only, 3-ft 8-in x 6-ft 6-in do.;
- (2) 2 only, 2-ft t4 1/2-in x 15-ft 6-in open steel flooring sections and frames complete with appurtenances;
- (4) 2 only, gate hangers, complete;
- (5) 3 only, 1-ft x 8-ft steel frame and cover;
- (6) 3 only, 1-ft x 8-ft 8-in same;
- (7) 3 only, 1-ft 10-in x 2-ft 6-in hatchway steel frame and cover;
- (8) 176 only, type A, 3/4"x23-in anchor bolts with 2 hex nuts;
- (9) 56 only, 3/4"x27-in. same;
- (10) 60 only, 3/4-in. ladder rungs;
- (11) 390 only, 4x 1/2-in. by 10-ft. 4-in. trash bars;
- (12) 4 only, 3x 1/2-in by 9-ft 8 1/2-in steel plate;
- (13) 2 only, 2-ft 1 1/2-in by 4-ft 8-in standard steel windows, complete;
- (14) 2 only 2-in. std. eye bolts;
- (15) 2 only, 1 1/4-in. std. eye bolts;

SCHED. 2—Ladderways

- (16) ladderway for Gene Wash Dam, downstream face, complete;
- (17) ladderway for Copper Basin Dam, upstream and downstream faces, complete;

SCHED. 3—Cast-Iron Bar Retainers

- (18) 15 only, upper vertical CI bar retainers, 5 ft long;
- (19) 13 only, lower vertical CI bar retainers, 5 ft long;
- (20) 8 only, upper horizontal CI bar retainers, 5 ft long;
- (21) 8 only, lower horizontal CI bar retainers, 5 ft long;

SCHED. 4—Pipe, Fittings & Valves

- (22a) lump sum, 4-in. CI pipe, 4.5-in O D by 0.380-in. wall thickness, screwed flanges, for Gene Wash;
- 1 pc 4 ft 3 1/2 in. long;
- 1 pc 3 ft 10 1/2 in. long;
- 1 pc 3 ft. 9 in. long;
- 1 pc 2 ft. 5 in. long;

- 1 pc 1 ft. 8 1/4 in. long;
- 1 pc 9 1/2 in. long;
- 120 5/8-in. bolts and nuts;
- 8 gaskets;
- (22b) lump sum, 4-in. CI pipe, 4.5-in. O D by 0.380-in. wall thickness, screwed flanges, for Copper Basin;
- 1 pc 4 ft. 10 1/2 in. long;
- 1 pc 4 ft. 8 1/2 in. long;
- 1 pc 4 ft. 2 1/2 in. long;
- 1 pc 3 ft. long;
- 1 pc 2 ft. 3 1/4 in. long;
- 1 pc 10 1/2 in. long;
- 120 5/8-in. bolts and nuts;
- 8 gaskets;
- (23) lump sum, 6-in. CI pipe, 6.625-in. O D by 0.43-in. wall thickness, screwed flanges;
- 1 pc 5 ft. long (Gene Wash);
- 1 pc 6 ft. long (Copper Basin);
- 64 5/8-in. bolts and nuts;
- 4 gaskets;

- (24) 10 only, 4-in., 90-deg., C I flanged elbows, 125-lb. working pressure;
- (25) 2 only, 6-in. same;
- (26) 2 only, 6x4x4-in. C I flanged tees, 125-lb. working pressure;
- (27) 2 only, 4-in. std C I. flanged, double disc gate valves, non-rising stem, 125-lb. working pressure;
- (28) 2 only, 6-in. same;

SCHED. 5—6-in. Vacuum Relief Valves and Misc. Parts

- (29) two 6-in. vacuum relief valves and appurtenances, std. flange connection, for 125-lb. working pressure.
- Total bids follow:

- (A) Commercial Iron Works, Portland, Ore.—Sched 3, \$591.50; use tax to be added; f.o.b. Portland; disc 1/2 of 1% 10 da.
- (B) Valve & Primer Corp., Chicago, Ill.—Sched 5, \$240; use tax \$7.20, total, \$247.20; f.o.b. Chicago; disc 2% 15 da.
- (C) Pelton Waterwheel Co., S. F.—Sched 5, \$341; sales tax \$10.23; total, \$351.23; f.o.b. San Francisco; net.
- (D) Water Works Supply Co., Los Angeles—Sched 5, \$258; sales tax \$7.74; total \$265.74; f.o.b. Los Angeles; disc 2% 10 da.
- (E) Alhambra Foundry Co., Alhambra—Sched 2, sales tax \$30.36; total \$1042.36; f.o.b. Alhambra; net.
- (F) Apex Steel Corp., Los Angeles—Sched 3, sales tax \$19.93; total, \$684.33; f.o.b. 6147 S. Eastern Ave., Los Angeles; net.
- (G) Buehler Tank & Welding Works, Los Angeles—Sched 1, sales tax \$97.70; total \$3356.82; f.o.b. 5000 Pacific Blvd., Los Angeles; net. Sched. 2, sales tax \$38; total, \$1236; f.o.b. same as Schedule 1; net.
- (H) Pacific Iron & Steel Co., Los Angeles—Sch. 1, sales tax \$83.13; total \$2854.29; f.o.b. 11,623 South Alameda, Los Angeles; net; f.o.b. same as Sched. 1; net. Sched. 3, sales tax \$26.58; total \$912.58; f.o.b. same; net.
- (I) Dayton & Waldrup Co., Hollydale—Sched. 3, sales tax \$19.93; total \$684.33; f.o.b. Los Angeles; net.
- (J) Pennsylvania Iron & Steel Co., Los Angeles—Sched. 1, sales tax \$80.60; total \$2767.42; f.o.b. Los Angeles; net.
- (K) Minneapolis-Moline Power Implement Co., Los Angeles—Sched. 1, sales tax \$4.26; use tax \$86.63; total \$1068.11; f.o.b. Minneapolis; disc 3/4 of 1% 20 da.
- (L) Kinney Iron Works, Los Angeles—Sched. 3, sales tax \$19.93; total \$684.33; f.o.b. 2525 E. 49th St., Los Angeles; net.
- (M) Kyle Steel Constr. Co., Vernon—Sched. 1, sales tax \$82.48; to-

SCHEDULE 1

- (G)—(1) \$190, (2) \$46, (3) \$69, (4) \$17.25, (5) \$32.50, (6) \$34.75, (7) \$28, (8) \$50, (9) \$55, (10) \$100, (11) \$5.80, (12) \$7.25, (13) \$20, (14) \$5.00, (15) \$5.00.
- (H)—(1) \$140, (2) \$41, (3) \$54, (4) \$16.00, (5) \$30, (6) \$31, (7) \$18, (8) \$35, (9) \$41, (10) \$64, (11) \$4.78, (12) \$5.50, (13) \$9.50, (14) \$3.00, (15) \$2.00.
- (J)—(1) \$147, (2) \$47.50, (3) \$51, (4) \$80.05, (5) \$26.30, (6) \$27, (7) \$20.50, (8) \$25, (9) \$27, (10) \$60, (11) \$4.62, (12) \$5.50, (13) \$10, (14) \$5.00, (15) \$4.78.
- (K)—(1) \$155, (2) \$78, (3) \$86, (4) \$2831.68; f.o.b. Vernon; disc 1/2 of 1% 10 da.

Sched. 2, sales tax \$1589.29; f.o.b. Vernon; disc 1/2 of 1% 10 da.

(N) Soule Steel Co., Los Angeles—Sched. 1, sales tax \$86.59; total \$2973.07; f.o.b. Los Angeles; net. Sched. 2, sales tax \$28.50; total \$978.50; f.o.b. Los Angeles; net.

The unit bids were:

- \$44, (5) \$45, (6) \$46, (7) \$38, (8) \$50, (9) \$82, (10) \$113, (11) \$3.95, (12) \$11, (13) \$13.50, (14) \$20, (15) \$15.
- (M)—(1) \$166, (2) \$55, (3) \$70, (4) \$50.05, (5) \$23, (6) \$24, (7) \$12, (8) \$20, (9) \$25, (10) \$30, (11) \$4.80, (12) \$4.50, (13) \$7.00, (14) \$2.50, (15) \$2.00.
- (N)—(1) \$151, (2) \$37.50, (3) \$57.80, (4) \$32.22, (5) \$18.50, (6) \$20.40, (7) \$11.10, (8) \$405, (9) \$455, (10) \$788, (11) \$5.18, (12) \$11.63, (13) \$12, (14) \$1.07, (15) \$2.7.

SCHEDULE II

- (E)—(16) \$985, (17) \$627.
- (G)—(16) \$485, (17) \$715.
- (H)—(16) \$470, (17) \$752.
- (M)—(16) \$560, (17) \$983.
- (N)—(16) \$360, (17) \$590.

SCHEDULE III

- (A)—(18) \$112.40, (19) \$10.55, (20) \$11.05, (21) \$12.25.
- (F)—(18) \$14.35, (19) \$12.25, (20) \$11.45, (21) \$11.75.
- (H)—(18) \$17.78, (19) \$17.22, (20) \$14.00, (21) \$18.00.
- (I)—(18) \$3.35, (19) \$12.25, (20) \$11.45, (21) \$11.75.
- (L)—(18) \$14.35, (19) \$12.25, (20) \$11.45, (21) \$11.75.

Sched. IV—No bids.

SCHEDULE V

- (B)—(29) \$120.00.
- (C)—(29) \$170.50.
- (D)—(29) \$129.00. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 17, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for furnishing and delivering 39,000 tons of coarse aggregate and 18,225 tons sand into government batch trucks at contractor's batch plant; alternate bids will be received for 30,000 cu. yds. coarse aggregate and 13,500 cu. yds. sand delivered into govt. batching plant or stock piles located within radius of 1 mile of intersection of Olive Street and Compton Creek, Compton; Circ. Prop. 206.

The items are:

- (1) 57,225 tons coarse aggregate and sand batched for 1/2 or 1 cu. yd. mixer.

ALTERNATE 2

- (1) 18,000 cu. yds. coarse aggregate, 1 1/2-in. to 3/4-in. size;
- (2) 12,000 cu. yds. coarse aggregate 1 in. to No. 4 mesh size;
- (3) 13,500 cu. yds. sand.

Bid bond 10% must accompany bid. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 19, 3 p.m., bids will be received by the U. S. Engineer, Los Angeles, for furnishing and delivering 60,000 bbls. portland cement in paper bags to Los Angeles County drainage area. Bid bond, 10%, must accompany bid. Circ. Prop. 207. * 20

January 11, 1938

BIDS WANTED

KENDRICK PROJ., Wyo.—Until January 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1017-D, for furnishing and delivering electrical conductor and accessories for transmission lines for the Kendrick Project, Wyo. Materials will be installed by the Government; fob the shipping point and/or Cheyenne, Wyo.

Plans and specifications may be obtained from the above office.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—As previously reported, until Jan. 20, 10 A. M., bids will be received by the Supervising Superintendent of Construction, Veterans Administration Facility, Willow and Bay Roads, Palo Alto, under Bid No. 54-38-1A, for furnishing pipe, fittings, soil, cast iron; fob Veterans Administration Facility, Reno, Nevada.

Plans and specifications may be obtained from the above office and from the Veterans Administration, Arlington Bldg., Washington, D. C.

CONTRACT AWARDED

LOS ANGELES, Calif.—Columbia Steel Company was awarded contract by U. S. Engineer, Los Angeles, Jan. 6, for steel bearing piles and plates; Circ. Prop. 182.

BIDS OPENED

LOS ANGELES, Cal.—Bids for 22,500 sq. ft. expansion joint material, Circ. Prop. 195, opened by U. S. Engineer, Los Angeles, were:

Warren & Bailey, \$776.25 fob Lockland, Ohio; 2% 30 days.

W. J. Burke & Co., \$1980, fob plant (no point specified); 2% 10th prox.

Servicized Products Corp., \$888.75 fob Elgin, Ill.; 2% 20 days.

Johns-Manville Sales Co., \$1167.75 delivered to job site; 2% 10th prox.; 30 days delivery.

Western Asbestos Co., \$859.50 fob Manville, N. J.; 2% 30 days.

BIDS OPENED

LOS ANGELES, Calif.—Zinsmeyer Co. at \$2208 submitted low bid to the Los Angeles Water & Power Purchasing Agent for one 8-panel main switchboard; Spec. No. 2496. Other bids were: Four identical bids at \$2,350, by Graham Reynolds Elec. Co., Litenwalter & Gough, Inc., California Whise Elec. Co. and W. A. Benjamin Co. Seven identical bids at \$2382.70, by Incandescent Supply Co., Westinghouse Electric Supply Co., Trubell Elec. Mfg. Co., General Elec. Supply Corp., Graybar Elec. Co., Inc., Myers Electric Supply Co., Inc., Associated Wholesale Elec. Co., Ladco Whse. Elec. Co., \$2446.52; two identical bids at \$2480 by Great West Electric Co. and Elec. Whise Mart. All terms 2%. * 20

BIDS WANTED

OAKLAND, Calif.—Until Jan. 19, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. 965, for (1) 384 2½-in. outside diam. No. 15 stub gauge red brass seamless tube, and (2) 400 2½-in. outside diam. and 21/7-in. inside diam. stub gauge red brass seamless tube.

Plans and specifications may be obtained from the above office. * 20

CONTRACTS AWARDED

OAKLAND, Cal.—The East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS 208, awarded the

following contracts for furnishing 402½ cast-iron bell and spigot pipe fittings ranging in diameter from 4 to 12 inches.

Grinnell Company of the Pacific, Items 1 and 2 at \$6580.

Phoenix Iron Works, Item 3 at \$2,761.20.

Santa Fe Foundry, Item 4 at \$4,075.50. * 20

BIDS WANTED

SEATTLE, King Co., Wash.—Until February 7, 3 P. M., bids will be received by the U. S. District Engineer, Lt.-Col. H. J. Wilde, 754 Central Bldg., Seattle, for shore revetment work at Fort Warden.

Work involves:

- (1) 1300 tons quarry rock in place;
- (2) 900 c.y. earth-gravel embankment

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Pro. 1105-38-174, for furnishing and delivering miscellaneous castings.

- The contract involves:
- (1) 2 booster pump casings;
 - (2) 3 booster pump impellers;
 - (3) 4 winding engine rod brasses;
 - (4) 4 ice cans.

Moore Dry Dock Co., Oakland—(1) \$1227.50 each; (2) \$749.33 each; (3) \$650 each; (4) \$37.25 each.

General Engineering & Dry Dock Co., San Francisco—(2) \$1,799.

E. C. Madigan or Apex Bond Foundry—(3) \$2.40 each.

M. Greenberg's Sons Brass Foundry & Machine Works, San Francisco—(3) \$11 each.

DeLano Bros., San Francisco—(4) \$908.00 each.

Bethlehem Shipbuilding Corp., San Francisco—(1) \$1280 each; (2) \$640 each.

Golden State Miners Iron Works, San Francisco—(1) \$1046.50 each; (2) \$584 each.

Stockton Iron Works—(1) \$952.50 each; (2) \$527.30 each. * 20

LOW BIDDER

GRAND COULEE DAM, Wash.—Western Pipe and Steel Co., 444 Market St., San Francisco, at \$1,456,624 submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 760, for furnishing and erecting steel penstocks and pump inlet pipes for the Grand Coulee Dam, Columbia Basin Project, Wash.

Complete bids will be published shortly.

BIDS OPENED

KENDRICK PROJ., Wyo.—Following bids were received by the Bureau of Reclamation, Denver, under Spec. No. 1008-D, for furnishing approximately 210,000 bbls. of modified Portland cement in bulk, for the Seminoe Dam, Kendrick Proj., Wyo.; f.o.b. shipping point and/or Parco, Wyo.

United States Portland Cement Co., Denver, Colo.—\$1.85 per bbl., f.o.b. Boettcher, Colo., disc. 10c 15 days.

Colorado Portland Cement Co., Denver, Colo.—\$1.85 per bbl., f.o.b. Boettcher, Colo., 10c 15 days.

Monolith Portland Midwest Co., Denver, Colo.—\$1.94 per bbl., f.o.b. Laramie, Wyo., 10c 15 days. * 20

BIDS OPENED

BOULDER CANYON PROJECT.—Following bids were received by the Bureau of Reclamation, Denver, under Spec. No. 1006-D, for furnishing

approximately (1) 140,000 bbls. of modified Portland cement in cloth sacks, (2) 15,000 bbls. modified Portland cement in bulk, and (3) 750 bbls. of modified Portland cement in paper sacks for the All-American Canal, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. shipping point.

California Portland Cement Co., Los Angeles—(1) \$1.78 per bbl.; (2) \$1.30; (3) \$1.58; f.o.b. Colton, Cal.

Riverside Cement Co., Los Angeles—(1) \$1.97; (2) \$1.49; (3) \$1.77; f.o.b. Crestmore, Cal.

Monolith Portland Cement Co., Los Angeles—(1) \$2.17; (2) \$1.69; (3) \$1.97; f.o.b. Monolith, Cal.

Southwestern Portland Cement Co., Los Angeles—(1) \$1.94866; (2) \$1.46866; (3) \$1.74866; f.o.b. Victorville, Cal. * 20

BIDS OPENED

LOS ANGELES, Cal.—Following submitted bids to the U. S. Indian Irrigation Service, Los Angeles, under Invit. No. 0456, for 26,600 bd. ft. Redwood lumber for Parker, Ariz.

W. E. Cooper Lbr. Co., \$1296.80; f.o.b. Eureka; 2% 30 da.

Dolbeer & Carson Lbr. Co., \$1250; f.o.b. Eureka; 2% 10 da.

Hammond Redwood Co., \$1248.40; f.o.b. Samoa; 2% 10 da.

Holmes Eureka Lbr. Co., \$1250; f.o.b. Eureka; \$1675.10, f.o.b. Parker, Ariz.; 2% 10 da.

Pacific Lumber Co., \$1250; f.o.b. Scotia; 2% 10 da. * 20

BIDS OPENED

LOS ANGELES, Calif.—American Automatic Electric Sales Co., Chicago, Ill., at \$19,692.57, submitted low bid to the Metropolitan Water District, Los Angeles, under Spec. 265, for telephone exchange equipment for use at the Colorado River Aqueduct pumping plants.

Bids were:

American Automatic Elec. Sales Co., Chicago—(1) \$3010, (2) \$6830, (3) \$3094, (4) \$3093, (5) \$3093; use tax \$573.57; total \$19,692.57.

Kellogg Switchboard & Supply Co., Chicago—(1) intake \$334.56, (2) Gene (\$7698.16), (3) Iron Mtn. \$4159.16, (4) Eagle Mtn. \$4036.24, (5) \$4036.24; use tax \$698.11; total \$23,968.43. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 18 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for fencing materials; Spec. No. 2510. Bids will be taken for the following:

- (1) Materials for fencing Victorville Switching Station: (a) 150 ft. fencing fabric, 5-ft. wide, 2-in. sq. mesh, No. 9 g. wire, chain link; (b) 135 only posts, intermediate, 2½-in. O D at 3.65 b. x 8 ft.; (c) 10 only posts, gate and corner, 3-in. O D at 5.79 lb. x 8 ft.; (d) 1500 ft. rail, top and terminal brace, 1½-in. O D at 2.27 lb.; (e) 1500 ft. wire, No. 6 or No. 7 W & M g., coil spring steel; (f) 2 only gates, double leaf swing, 5 ft. high for 16 ft. clear opening; (g) 1 only gate, single leaf swing, 5 ft. high for 3 ft. 6-in. clear opening bet. gates, (h) 1 only gate, double leaf, sliding, 5 ft. high for 5 ft. clear opening bet. gate posts, complete with all necessary gate posts, rail and fittings. Top of slide rail to be 7 ft. above ground; (i) 4 sets fittings, complete for ½-in. O D end posts; (2) Material for fencing Silver Lake Switching Station (items same as under (1) a) 1-400 ft. fence fabric; (b) 140 only posts; (c) 10 only posts; (d) 1550 ft. rail; (e) 1500 ft. wire; (f) 3 only gates. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-----------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Grading, Herber Work, Excav., | 31.—Pipe Lines and Irrigation Syst. |
| 23.—Irrigation Syst. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 26.—Streets & Highways | 35.—Tunnels |

21— BRIDGES

CONTRACT AWARDED

EUREKA CO., Nev.—Silver State Construction Co., Inc., Fallon, Nev., at \$91,459.94 (Alternate B) submitted low bid and was awarded contract by the Nevada State Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of a concrete and steel overpass and approximately 0.79 mile of approach on the State Highway near Shoshone, Route 1, Sec. A-1 and A-2, Eureka County, Nevada.

- Work involves:
- (1) 100 hrs. motor grader;
 - (2) 50 hrs. 1.5-ton truck;
 - (3) Force account, special detours;
 - (4) 1,840 l.f. remove fence;
 - (5) Lump sum, remove overpass;
 - (6) 10,205 sq. yds. remove and stock pile roadmix surf.;
 - (7) 27,674 cu. roadway excav. A;
 - (8) 46,443 cu. roadway excav. B;
 - (9) 15 c.y. drainage excav.;
 - (10) 11 sta. V type ditches;
 - (11) 45,217 c.y. borrow;
 - (12) 33 sta. slope rounding;
 - (13) 352,194 yd. sta. overhaul (yard station);
 - (14) 18,464 yd. mi. overhaul (yd. mi.);
 - (15) 360 cu. y. struc. excav.;
 - (16) 1,220 cu. y. backfill;
 - (17) 0.751 mile subgrade, type B;
 - (18) 1,050 cu. y. salvaged aggregate;
 - (19) 806 M. gals. water;
 - (20) 3,934 tons type 1, gravel base;
 - (21) 1,956 tons gravel surface;
 - (22) 7 tons liquid asph., type SC-2 (prime coat);
 - (23) 9 tons do (seal);
 - (24) 90 tons do (roadmix);
 - (25) 0.751 mile road-mix;
 - (26) 300 cu. y. Class A concrete;
 - (27) 368 cu. y. Class D concrete;
 - (28) 455 l.f. concrete rail;
 - (29) 102,000 lbs. reinf. steel;
 - (30) 122,000 lbs. struc. steel;
 - (31) 4 each. load tests;
 - (32) 2,418 l.f. steel bearing piles;
 - (33) 85 each. drive steel piles;
 - (34) 100 l.f. 8-in. CMP (dipped);
 - (35) 10 l.f. 24-in. CMP (dipped).
 - (36) 1 each. move pipe culvert head-walls;
 - (37) 2,061 l.f. beam type metal guard rail;
 - (38) 1,170 l.f. reconstruct fence;
 - (39) 8 each. monuments;
 - (40) Lump sum, blast plates;
 - (41) 2 each. embankment protectors; Alt. A—(Metal Crib)
 - (42) 530 ea., 6-ft. 0-in. metal stretch-er;
 - (43) 164 each, 4-ft. 0-in. metal header
 - (44) 65 each, 6-ft. 0-in. metal header;
 - (45) 83 each, 8-ft. 0-in. metal header; Alt. B—(Concrete Crib)
 - (46) 292 each, 6x6-in. conc. stretcher;
 - (47) 352 each, 6x8-in. conc. stretcher;
 - (48) 145 each, 6x10-in. conc. stretcher;
 - (49) 108 each, 5x8-in. conc. header;

(50) 313 each, 5x10-in. conc. header.

- Total bids follow:
 (A) Silver State Const. Co., Inc., Fallon, Nevada, \$91,459.94.
 (B) Dodge Const. Co., Inc., Fallon, \$96,614.75.
 (C) Utah Const. Co., Ogden, Utah, \$98,569.37.
 (D) Isbell Const. Co., Reno, \$106,977.54.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) ..	\$ 4.00	\$ 4.00	\$ 4.00	\$ 5.00
(2) ..	2.00	2.50	2.00	2.50
(3) ..	171.00	171.00	171.00	171.00
(4) ..	.03	.03	.02	.05
(5) ..	2000.00	3000.00	1800.00	2000.00
(6) ..	.05	.04	.03	.05
(7) ..	.00	.30	.30	.38
(8) ..	.15	.20	.19	.15
(9) ..	1.00	.50	1.00	1.00
(10) ..	5.00	5.00	5.00	5.00
(11) ..	.25	.22	.20	.25
(12) ..	5.00	7.50	7.50	5.00
(13) ..	.01	.01	.01	.005
(14) ..	.10	.15	.14	.10
(15) ..	2.00	1.00	2.00	1.50
(16) ..	1.00	.75	.70	1.00
(17) ..	100.00	200.00	125.00	150.00
(18) ..	.50	.50	.30	.40
(19) ..	2.00	1.25	1.25	1.00
(20) ..	.50	.30	.35	1.00
(21) ..	.50	.80	.65	1.00
(22) ..	20.00	20.00	20.00	27.00
(23) ..	20.00	20.00	20.00	27.00
(24) ..	20.00	20.00	15.00	27.00
(25) ..	500.00	500.00	550.00	1000.00
(26) ..	22.00	22.50	26.00	25.00
(27) ..	25.00	27.50	27.50	29.40
(28) ..	4.00	4.00	4.00	4.00
(29) ..	.06	.06	.06	.067
(30) ..	.07	.075	.09	.095
(31) ..	100.00	100.00	200.00	150.00
(32) ..	2.00	2.10	2.75	2.50
(33) ..	20.00	20.00	30.00	50.00
(34) ..	1.50	1.50	1.50	1.45
(35) ..	3.00	3.00	3.50	4.25
(36) ..	10.00	10.00	10.00	10.00
(37) ..	1.00	1.45	1.50	1.30
(38) ..	.05	.07	.06	.12
(39) ..	4.00	3.00	3.00	4.00
(40) ..	300.00	500.00	350.00	500.00
(41) ..	25.00	15.00	15.00	24.00
(42) ..	.....	5.00	5.50	5.10
(43) ..	.....	4.75	4.50	4.80
(44) ..	.....	6.00	5.85	5.85
(45) ..	.....	7.00	7.00	6.90
(46) ..	2.50	.....	.....	.....
(47) ..	2.75	.....	.....	.....
(48) ..	3.25	.....	.....	.....
(49) ..	3.50	.....	.....	.....
(50) ..	4.00	.....	.....	.....

CONTRACT AWARDED
FRESNO COUNTY, Cal.—Earle W. Heple, 494 Delmas Ave., San Jose, at \$57,845, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a steel girder bridge con-

sisting of five 74-foot spans and two 65-foot spans and approaches about 3 miles south of Sanger, Fresno Co. 21

BIDS OPENED

LOS ANGELES, Cal.—Contracting Engineers Co., 2310 1/2 W. Vernon, at \$941, submitted low bid to the Los Angeles board of public works for construction of a pedestrian subway across Main St., at 52nd St. PWA Project 1461, Unit 7-K.

- Other bids were:
- | | |
|--------------------------|----------|
| Palmer & Van Dell..... | \$ 9489 |
| Palmer & Van Dell..... | \$ 9,489 |
| R. H. Liggett..... | 9,690 |
| Carl Hallin..... | 9,850 |
| Chas. J. Dorfman..... | 10,060 |
| H. O. Bauerle..... | 10,237 |
| Artukovich Brothers..... | 10,590 |
| W. J. Disteli..... | 10,393 |
| Bebek & Brkch..... | 11,198 |

BIDS WANTED

LASSEN COUNTY, Cal.—Until Jan. 25, 2 P. M., bids will be received by the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, for the construction of three timber stringer bridges with concrete abutts on concrete pile bents, between three miles south of Standish and Wendel, on the Buntingville-Wendel Rd., Lassen County.

Plans and specifications may be obtained from the above office. 21

CONTRACT AWARDED

SAN FRANCISCO.—Healy-Tibbitts Const. Co., 1 Drumm St., San Francisco, at \$26,465.00 was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19075, for construction of fenders at Islais Creek Bridge. Estimated cost, \$31,000. 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

COLUMBIA CO., Ore.—Until Jan. 28, 3 p.m., bids will be received by the U. S. Engineer Office, 628 Pittock Block, Portland, Oregon, under Bid No. 698-38-302, for performing all work for the diversion of Tank Creek in Beaver Drainage District, requiring the construction of the diversion canal and its appurtenant levees, construction of a wood stave tide box, a concrete spillway, a 42-inch syphon, a 48-inch culvert thru the highway, and the excavation of a lateral drainage ditch, Columbia County, Oregon.

- Work involves:
- (1) 83 acres stripping;
 - (2) 410 cu. y. excav., syphons and spillway discharge ditches;
 - (3) 360 cu. y. excav., diversion canal;
 - (4) 1510 cu. y. excav., tide box and culvert;
 - (5) 1290 cu. y. struc. excav., tide box, syphon and spillway;
 - (6) 2430 cu. y. backfill for tide box, syphon spillway;
 - (7) 539 MFBM treated lumber, in place;
 - (8) 0.19 MFBM untreated lumber, in place;
 - (9) 533 MFBM treated tongue and groove sheet piling, in place;
 - (10) 276 l.f. treated round piling, in place;
 - (11) 152 l.f. 48-in. continuous wood stave pile, in place;

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento • California

(12) 136 l.f. 24-in. corrugated iron pipe, in place;	(9) 19,400 c.y. compacted lining;	(24).....	.05	.05	.03	.05	
(13) 44 l.f. 48-in. concrete culvert pipe, in place;	(10) 25,100 c.y. riprap on outside slopes of embankments;	(25).....	.05	.08	.075	.05	
(14) 30 lbs. wrought-iron galv. pipes and fittings, in place;	(11) 43,900 c.y. rock fill about siphon barrel;	(26).....	.50	.50	.40	1.00	
(15) 74 c.y. reinf. conc. in place;	(12) 30,000 c.y. backfill about structure except over siphon barrel;	(27).....	.50	1.00	1.40	1.00	
(16) 4 each, 48-in. circular automatic drainage and head gates in place;	(13) 62,500 c.y. backfill over siphon barrel;	(1).....	(\$)	(F)	(G)	(H)	
(17) 1 each, 5-ft. by 5-ft. square manual head gate in place;	(14) 2,700 c.y. compacted backfill;	(2).....	1.50	2.00	.90	2.25	
(18) 190 lbs. fabricated structural steel for siphon, in place;	(15) 1,170 c.y. concrete in structure except siphon barrel;	(3).....	.30	.30	.20	.22	
(19) 235 c.y. riprap, in place;	(16) 10,430 c.y. concrete in siphon barrel;	(4).....	2.00	3.00	1.00	3.50	
(20) 30,000 c.y. embankment (drag-line), in place;	(17) 2,448,000 lbs. placing reinf. bars;	(5).....	.20	.20	.15	.35	
(21) 16,000 c.y. embankment (truck haul), in place;	(18) 150 l.f. installing rubber water stop;	(6).....	2.00	2.00	1.00	2.25	
(22) 8000 c.y. ml. truck overhaul.	(19) 220 sq. ft. installing elastic joint-filler material;	(7).....	.03	.01	.02	.01	
Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 22	(20) 1,768,500 lbs. driving steel sheet piling;	(8).....	.40	.40	.50	.50	
	(21) 2.4 MFBM constructing timber railings;	(9).....	.50	.50	.75	.80	
	(22) 850 lbs. installing pipe hand-rails;	(10).....	.80	.80	1.00	1.30	
	(23) 56,000 lbs. installing fixed-wheel gate, gate frame, gate and counterweight guides, and counterweight hangers;	(11).....	.80	.75	1.00	1.10	
	(24) 18,000 lbs. installing fixed-wheel gate hoist and operating mechanism;	(12).....	.15	.20	.20	.28	
	(25) 13,500 lbs. installing misc. metal work;	(13).....	.10	.10	.15	.15	
	(26) 275 l.f. installing electrical metal conduits;	(14).....	1.00	.50	1.00	.60	
	(27) 50 lbs. installing electrical conductors.	(15).....	18.00	25.00	11.50	20.50	
	Total bids were:	(16).....	15.00	17.00	15.00	14.50	
	(A) Metropolitan Const. Co., Los Angeles, \$337,375.50.	(17).....	.02	.015	.02	.015	
	(B) J. F. Knapp, Oakland, \$367,630.	(18).....	2.00	.80	1.00	1.50	
	(C) Winston Bros., Co., Los Angeles, \$433,130.	(19).....	1.00	.50	.50	.35	
	(D) Western Asphalt Paving Corp., Sioux City, Ia., \$441,452.	(20).....	.0225	.018	.02	.015	
	(E) Mittry Bros. Const. Co., Los Angeles, \$450,496.25.	(21).....	150.00	70.00	60.00	50.00	
	(F) Geo. Pollock Co., Sacramento, \$453,993.50.	(22).....	.40	.15	.06	.05	
	(G) Ralph A. Bell, San Marino, \$461,630.00.	(23).....	.06	.05	.04	.03	
	(H) D. W. Thurston, Los Angeles, \$462,796.00.	(24).....	.10	.07	.05	.03	
	(I) R. G. Clifford, C. M. Elliott, and Stroud - Seabrook, Los Angeles, \$477,638.00.	(25).....	.10	.15	.06	.03	
	(J) United Concrete Pipe Corp., Los Angeles, \$496,789.75.	(26).....	.40	.20	.40	.30	
	(K) V. R. Dennis Const. Co., San Diego, \$507,763.00.	(27).....	1.00	.40	1.00	1.50	
	(L) Utah Const. Co., San Francisco, \$525,108.00.	(1).....	(\$)	(J)	(K)	(L)	
	(M) Stofner, Gordon & Hinman, Los Angeles, \$553,182.90.	(2).....	.27	.50	.38	.90	
	(N) Morrison-Knudsen Co., Los Angeles, \$554,411.00.	(3).....	3.00	2.00	4.00	2.50	
	(O) W. E. Callahan Const. Co. and Gunther & Shirley, Los Angeles, \$563,909.00.	(4).....	.62	.56	.81	.60	
	(P) George W. Condon Co., Omaha, Neb., \$613,251.00.	(5).....	.15	.20	.20	.20	
	(Q) Lewis-Chambers Const. Co., New Orleans, La., \$71,397.15.	(6).....	2.30	1.50	4.00	2.50	
	Unit prices of the four low bids are:	(7).....	.025	.02	.02	.01	
	(A).....	(8).....	.42	.50	.45	.45	
	(B).....	(9).....	.45	.70	.70	.60	
	(C).....	(10).....	1.50	1.00	1.20	1.25	
	(D).....	(11).....	1.00	.90	1.10	1.50	
	(1).....	(12).....	.20	.15	.20	.30	
	(2).....	(13).....	.10	.10	.12	.15	
	(3).....	(14).....	.70	1.00	.75	.60	
	(4).....	(15).....	17.00	27.00	23.00	25.00	
	(5).....	(16).....	14.00	12.95	20.00	10.00	
	(6).....	(17).....	.01	.02	.013	.015	
	(7).....	(18).....	1.00	1.50	1.00	1.00	
	(8).....	(19).....	.50	.50	1.00	.60	
	(9).....	(20).....	.019	.02	.02	.02	
	(10).....	(21).....	70.00	150.00	50.00	120.00	
	(11).....	(22).....	.20	.10	.10	.08	
	(12).....	(23).....	.07	.10	.04	.02	
	(13).....	(24).....	.07	.10	.07	.06	
	(14).....	(25).....	.11	.10	.08	.06	
	(15).....	(26).....	.50	.25	.20	.20	
	(16).....	(27).....	.50	.25	1.00	.20	
	(17).....	(M)	(N)	(O)	(P)	(Q)	
	(18).....	(1).....	\$.80	\$.40	\$1.00	\$1.50	\$3.00
	(19).....	(2).....	1.50	2.00	5.00	5.00	3.00
	(20).....	(3).....	.30	.50	.75	.75	.90
	(21).....	(4).....	6.00	3.00	5.00	8.00	7.00
	(22).....	(5).....	.35	.18	.25	.20	.30
	(23).....	(6).....	1.50	1.50	1.00	1.00	3.00
	(24).....	(7).....	.03	.02	.02	.01	.015
	(25).....	(8).....	.60	.41	.05	.75	.41
	(26).....	(9).....	.80	.41	.80	.75	.50
	(27).....	(10).....	1.10	1.00	2.00	.75	2.85
		(11).....	1.00	1.00	1.50	.75	2.85
		(12).....	.35	.40	.35	.20	.28
		(13).....	.08	.20	.10	.15	.28
		(14).....	.80	1.00	.75	2.00	1.00
		(15).....	27.00	30.00	20.00	30.00	30.00
		(16).....	19.28	16.00	12.00	18.50	21.00
		(17).....	.015	.015	.015	.02	.016
		(18).....	.50	3.00	1.00	2.00	.55
		(19).....	.50	2.00	1.00	1.00	.42
		(20).....	.015	.022	.015	.02	.03
		(21).....	100.00	150.00	60.00	40.00	60.00
		(22).....	.10	1.0	.35	.05	.09
		(23).....	.04	.05	.09	.05	.04
		(24).....	.04	.05	.09	.05	.06
		(25).....	.10	1.0	.10	.10	.09
		(26).....	.20	.40	.40	.10	.25
		(27).....	.50	.50	.50	.50	.50

23— CANALS

BIDS WANTED

OWYHEE PROJECT, Oregon-Ida.—Until January 25, 10 a.m., bids will be received by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1014-D for the construction of earthwork, South Canal laterals, S.C. 0.1 to 5.7 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

Work involves:
 (1) 183,000 c.y. of all classes of excavation for laterals;
 (2) 3,000 sta. c.y. of overhaul.
 Plans and specifications may be obtained from the above office. * 23

BIDS WANTED

OWYHEE PROJ., Oregon-Idaho.—Until Jan. 26, 10 a.m., bids will be received by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1015-D, for the construction of structures, South Canal laterals S.C. 0.1 to 5.7 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

Work involves:
 (1) 2400 c.y. of all classes of excav. for structures;
 (2) 4300 c.y. of backfill about structures;
 (3) 780 c.y. of concrete in structures;
 (4) 1800 sq. yds. of dry-rock paving;
 (5) Placing 40,000 lbs. of reinforcement bars;
 (6) Erecting 1.0 MFBM of timber in structures;
 (7) Laying 2730 l.f. 12-in. to 30-in. diameter precast concrete pipe;
 (8) Installing 7300 lbs. of gates and miscellaneous metalwork.
 Plans and specifications may be obtained from the above office. * 23

COMPLETE BIDS

GILA PROJECT, Ariz.—Metropolitan Const. Co., 208 W 8th St., Los Angeles, at \$337,375.50 submitted the low bid to the Bureau of Reclamation, Yuma, Ariz., for the construction of the Gila River crossing, Sta. 752 plus 50 to Sta. 795 plus 00, gravity main canal, Gila project; Spec. 740, located about 10 miles east of Yuma.

The work involves:
 (1) 5,300 c.y. excav., common, for structure, except siphon barrel;
 (2) 650 c.y. excav., rock, for structure except siphon barrel;
 (3) 137,000 c.y. excav., common, for siphon barrel;
 (4) 100 c.y. excav., rock, for siphon barrel;
 (5) 40,000 c.y. excav., common, for canal;
 (6) 100 c.y. excav., rock, for canal;
 (7) 100,000 sta. c.y. overhaul;
 (8) 106,000 c.y. compacted embankment;

Unit prices of the four low bids are:

	(A)	(B)	(C)	(D)
(1).....	\$.35	\$.20	\$.60	\$.25
(2).....	1.00	1.50	1.40	2.00
(3).....	.10	.20	.09	.20
(4).....	1.00	1.50	2.00	3.00
(5).....	.20	.15	.16	.10
(6).....	1.00	1.50	2.00	3.00
(7).....	.01	.01	.01	.01
(8).....	.37	.40	.50	.55
(9).....	.45	.55	.95	.24
(10).....	1.00	1.25	1.45	1.75
(11).....	.80	1.20	1.10	1.50
(12).....	.15	.15	.15	.25
(13).....	.12	.12	.07	.15
(14).....	1.00	.60	1.75	.30
(15).....	20.00	16.00	22.30	20.00
(16).....	10.00	9.00	15.00	18.00
(17).....	.012	.015	.014	.01
(18).....	.50	1.00	1.00	1.00
(19).....	.25	.50	.25	.50
(20).....	.16	.015	.01	.01
(21).....	40.00	50.00	75.00	30.00
(22).....	.10	.10	.07	.04
(23).....	.03	.03	.045	.04

BIDS WANTED

OWYHEE PROJ., Oregon-Idaho.—Until Jan. 18, 10 a.m., bids will be received by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 543-0, for the construction of earthwork, South Canal laterals 13.8 to 23.3, Succor Creek division, Owyhee Project, Oregon-Idaho.
 Work involves:

- (1) 65,600 c.y. excav., common, for laterals;
 (2) 400 c.y. excav., rock, for laterals;
 (3) 4,000 sta. c.y. overhaul.

Plans and specifications may be obtained from the above office. * 23

BIDS WANTED.

OWYHEE PROJ., Oregon-Idaho.—Until Jan. 27, 10 a.m., bids will be received by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1016-D, for the construction of structures, South Canal laterals, S.C. 13.8 to 23.3 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

Work involves:

- (1) 2750 c.y. of all classes of excav. for structures;
- (2) 5200 c.y. of backfill about structures;
- (3) 1275 c.y. of concrete in structures;
- (4) 2200 sq. yds. of dry-rock paving;
- (5) Placing 87,000 lbs. of reinforcement bars;
- (6) Erecting 3MFMB of timber in structures;
- (7) Laying 1788 lf. 15-in. to 30-in. diameter precast concrete pipe;
- (8) Installing 7500 lbs. of gates and miscellaneous work.

Plans and specifications may be obtained from the above office. * 23

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Edward F. Bacon Co., 17th and Folsom Sts., San Francisco, at \$4543.33 was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing on tractor and bulldozer.

25

BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until Feb. 8, 10 A. M., bids will be received by Board of Directors of Imperial Irrigation District, El Centro, for furnishing conductors, poles, insulators and air-break switches for 33,000-volt transmission lines in Imperial Valley, Spec. No. 3, which are available from above upon deposit of \$10. The work involves:

- (1) No. 2/0 copper or equivalent A C S R conductors, poles and insulators for 81 miles of transmission lines;
- (2) No. 2 copper or equivalent A C S R conductors, poles and insulators for 31 miles of transmission lines;
- (3) 18 air-break switches.

PWA Project 1088-PD.

Detailed quantities are:

SCHEDULE NO. 1

- Copper Conductors—Alt. to Sched. 2
- (1) 549,000 lbs. No. 2/0 copper conductor bob Imperial;
 - (2) 106,000 lbs. No. 6 copper conductor; bob Imperial;

SCHEDULE NO. 2

- ACSR Conductors and Armor Rods
- Alternate to Sched. No. 1
- (a) Alt. to Item 1, Sched. 1:
 - (1) 390,000 lbs. No. 4/0 ACSR conductor, bob Imperial;
 - (b) 3000 cets No. 1249 tapered armor rods complete with two No. 1106 clips per set;
 - (c) 300 sets No. 1299 tapered armor rods complete with two No. 1106 clips per set;

(2) Alternate to Item 2, Sched. 1:

- (a) 75,000 lbs. No. 1/0 ACSR conductor;
- (b) 1250 sets No. 1128.1 straight armor rods with two No. 1105 clips per set;
- (c) 100 sets of No. 1158.1 straight armor rods with two No. 1105

clips per set;

SCHEDULE NO. 3

Butt-treated Western Red Cedar Poles for use with Copper Conductors

Alternate to Schedule No. 4

- (3) 5 25-ft. poles with 6-in. top;
- (4) 40 30-ft. poles with 6-in. top;
- (5) 20 35-ft. poles with 6-in. top;
- (6) 5 40-ft. poles with 7-in. top;
- (7) 1325 45-ft. poles with 8-in. top;
- (8) 25 45-ft. poles with 9-in. top;
- (9) 285 50-ft. poles with 8-in. top;
- (10) 170 55-ft. poles with 8-in. top;
- (11) 80 60-ft. poles with 8-in. top;
- (12) 35 65-ft. poles with 8-in. top;
- (13) 24 70-ft. poles with 8-in. top;
- (14) 1 75-ft. pole with 8-in. top;
- (15) 2 80-ft. poles with 8-in. top;

SCHEDULE NO. 4

Butt-treated Western Red Cedar Poles for use with ACSR Conductors

Alt. to Sched. No. 3

- (3) 5 25-ft. poles with 6-in. top;
- (4) 40 30-ft. poles with 6-in. top;
- (5) 20 35-ft. poles with 6-in. top;
- (6) 5 40-ft. poles with 7-in. top;
- (7) 1325 45-ft. poles with 8-in. top;
- (8) 25 45-ft. poles with 9-in. top;
- (9) 285 50-ft. poles with 8-in. top;
- (10) 160 55-ft. poles with 8-in. top;
- (11) 75 60-ft. poles with 8-in. top;
- (12) 35 65-ft. poles with 8-in. top;
- (13) 24 70-ft. poles with 8-in. top;
- (14) 1 75-ft. pole with 8-in. top;
- (15) 2 80-ft. poles with 8-in. top.

SCHEDULE NO. 5

Cemented Suspension Insulators

- (16) 1850 suspension insulator units; bob Imperial;

SCHEDULE NO. 6

Pin-type Insulators and Pines for use with Copper Conductors

Items 17 and 18 are alternative items and award of contract will not be made for both items.

Alternate to Sched. No. 7

- (17) 6300 one-piece, pin type insulators complete with pins as per Drawings EA-0023, Details A and B;

- (18) (Alt. to Item 17) 6300 post type insulators as per Drawing EA-0023, Detail C;

SCHEDULE NO. 7

Pin-type Insulators and Pines for use with ACSR Conductors

Items 17 and 18 are alternative items and award of contract will not be made for both items.

- (17) 5000 one-piece, tin type insulators with pin as per Drawing EA-10023, Details A and B;

- (18) (Alt. to Item 17) 5000 post type insulators as per Drawing EA-0023, Detail C;

SCHEDULE NO. 8

- (19) 18 400-A, 34.5-kv., 3-pole air-break switches for pole top mounting complete. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 318 State Capitol, Sacramento, under Quo. No. 3597, Reg. No. 16601, for one hydraulically operated heavy duty angle dozer with blade, complete with pump hose and necessary fittings; f.o.b. Willits, Cal. Gar - Wood Industries, Inc., San Francisco—\$1155 (incl. sales tax).

American Tractor Equipment Corp., Oakland—\$1332, 5% 30 days.

Edward R. Bacon Co., San Francisco—\$1332, 5% 20 days.

J. D. Adams Co., San Francisco—\$1580, 2% 30 days. * 25

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until Jan. 17, 2 p.m., bids will be received by the State Highway Department, San Bernardino, for the rental of one 1½-c.y. minimum capacity pneumatic tired dump truck without driver, for use in hauling materials and supplies on a road-

side landscaping and erosion control project on the Waterman Canyon and Crest Drive highways in San Bernardino County. Estimate \$1000.

Bids will be received on:

- (1) Transportation to and from San Bernardino (flat price, round trip);
- (2) Rate per hour for dump truck without driver, hand loading;
- (3) Stand-by rate per hour for dump truck without driver. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—B. W. Kuhn at \$22,652 (deduct \$1.00 hour for use of vendor's operators on Govt. payroll) was awarded contract by U. S. Engineer, Los Angeles, for rental of two draglines for 3600 hours. Circ. Prop. 196. * 25

BIDS WANTED

BUFFALO RAPIDS PROJ., Mont.—Until February 4, P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1-018-D, for furnishing and delivering two vertical, motor-driven pumping units having a capacity of 110 second-feet each when operating under a head of 103 feet for installation in the Glendive pumping plant, Glendive division, Buffalo Rapids Proj., Mont. Apparatus will be installed by the Government; job shipping point and/or Fallon, Montana.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

OAKLAND, Cal.—The following bids were submitted to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proj. No. 459, for the rental of (1) 1½-ton flat bed truck for 2000 truck hours; (2) 2 cu. yd. dump trucks for 2500 truck hours, hand loading; (3) 3 cu. yd. dump trucks for 2500 hours, power loading.

Complete bids follow:

A. J. McCosker, Oakland—(1) \$1,600, (2) \$2000, (3) \$2500.

Samuel E. Bonsangue, Los Angeles—(1) \$3000, (2) \$600, (3) \$5875.

J. Buonocorsi, Oakland—(1) \$2600, (2) \$3225, (3) \$3375.

Bruno Skibo, Oakland—(1) \$1.00 per hour; (2) \$0.80; (3) \$1.00. Lerer Bros., San Francisco—(1) \$1390.

Victor Ratti, Oakland—(2) \$0.78 per hour; (3) \$1.00.

Conrad Gross—(1) \$0.70 per hour; (2) \$0.75; (3) \$0.83.

Porter Truck Service, San Francisco—(1) \$2000, (2) \$2000, (3) \$2500.

R. F. Crawford—(2) \$0.80; (3) \$1.00. W. A. Croll, Oakland—(2) \$2000, (3) \$2500.

Joe Cunha—(2) \$2000, (3) \$2500. Mendocino Contracting Co.—(1) \$0.70; (2) \$0.75; (3) \$0.75.

Virgil A. McCall—(2) \$2000; (3) \$2000.

Perry Brown, Oakland—(2) \$0.80.

Western Truck Company submitted a bid for five 2-c.y. dump trucks at \$1.75 per hour, power loading; \$1.55 hand loading, and \$1.75 per hour for 1½-ton flat bed truck. * 25

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until January 19, 3 P. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the rental of (1) one or more 2½ to ¾ cu. yd. full swing truck shovel; (2) Rental of two or more 2- and/or 4-c.y. water level dump trucks, for use in District X.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SACRAMENTO, Cal.—G. E. Murray and M. J. Ruddy, Modesto, at \$1,800.00, submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-177, for the hire and operation for 300 hours of a caterpillar tractor and scraper for work along the Yuba River near Marysville. Complete bids follow:
 G. E. Murray and M. J. Ruddy, Modesto, (per hour) \$6.00; (total) \$1800.00.
 Claude C. Wood, Stockton: \$610; \$1-830.00.
 J. R. Reeves, Sacramento: \$6.75; \$2-025.00.
 C. A. Baker, Sacramento: \$7.45; \$2-235.00.
 Poulos & McEwen, Smith River: \$7.50 \$2250.00.
 Hemstreet & Bell, Marysville: \$10.00; \$4800.00. * 25

BIDS OPENED

SAN BERNARDINO CO., Calif.—Following bids were submitted to the State Highway Dept., San Bernardino, for the rental of from two to four pneumatic-tired dump trucks of not less than 3-c.y. capacity, and one power shovel of not less than 1/2-c.y. capacity for use on San Bernardino mountain roads. Work will consist of excavating and hauling earth and rock material in major slide removal or other maintenance type of work. The items bid on are:
 (1) transportation to and from San Bernardino for each truck (flat price, round trip);
 (2) operating rate per hour per truck, power loading;
 (3) operating rate per hour per truck, hand loading;
 (4) stand-by rate per hour per truck;
 (5) transportation to and from San Bernardino for power shovel (flat price, round trip);
 (6) operating rate per hour for power shovel;
 (7) stand-by rental rate per hour per power shovel.

The bids were:
 K. O. Holte: (2) \$2.18; (3) \$1.78; (4) (6) \$3.50.
 Jesse Hubbs: (1) \$1; (2) \$2.18; (3) \$1.78; (4) \$4.5; (5) \$10; (6) \$2.18; (7) \$1.00.

Fourth St. Rock Crusher: (2) \$2.18 (3) \$1.78; (6) \$3.90; (7) \$9.0.
 Jesse Askey: (2) \$2.18; (3) \$1.78; (6) \$2.25; (7) \$1.90.
 Mill Brothers: (2) \$2.18; (3) \$1.78 (6) \$1.93.

Chas. Holmes: (1) \$1; (2) \$2.18; (3) \$1.78; (4) \$.25; (5) \$1; (6) \$3.15; (7) \$.50.

J. W. Bertram: (1) \$20; (2) \$2.60; (3) \$2.35; (4) \$.50; (5) \$.50; (6) \$.5; (7) \$1.00.

Geo. Butler: (2) \$2.18; (3) \$1.78; (6) \$1.90; (7) \$1.00.

A. E. Bussey: (1) \$.3; (2) \$2.18; (3) \$1.78; (5) \$.25; (6) \$.25; (7) \$.95.

Rock & Gravel Trucking Co.: (2) \$2.18; (3) \$1.98; (6) \$5.00.

C. E. Huls: (1) \$15; (2) \$2.18; (3) \$1.98; (5) \$1; (6) \$4.50; (7) \$1.00.

Price Co.: (1) \$4; (2) \$2.43; (3) \$2.23 (4) \$.80; (5) \$.50; (6) \$.480; (7) \$1.50.

Nailor & Morgan: Irregular.

BIDS OPENED

BOULDER CANYON PROJECT.—Following bids were received by the Bureau of Reclamation, Denver, under Spec. No. 1002-D, for structural steel for supporting structures for the Metropolitan Water District and the Southern California Edison Co. transformer circuits at Boulder switchyard, Boulder Canyon Project, Arizona - California - Nevada. Structures will be erected by the Government; f.o.b. shipping point and/or Boulder, City, Nev.
 Blaw-Knox Co., Pittsburg, Pa.—(1) \$3822, wt. 42,000; (2) \$4654, wt.

52,000; net; f.o.b. Blaw-Knox, Pa.
 Jos. T. Ryerson & Son, Inc., Chicago, Ill.—(1) \$3295, wt. 42,400; (2) \$3920, wt. 52,800; 1/2% f.o.b. Chicago.
 Bethlehem Steel Co., Bethlehem, Pa.—(1) \$3400, wt. 41,500; (2) \$4160, wt. 51,400; net; f.o.b. Boulder City, Nev.

International Derrick & Equip. Co. of Calif., Torrance, Cal.—(1) \$2925, wt. 42,125; (2) \$3580; wt. 51,765; 1/2% f.o.b. Torrance, Calif.

The Midwest Steel & Iron Works, Denver, Colo.—(1) \$3483, wt. 44,260; (2) \$1256, wt. 54,300; 1/2% f.o.b. Boulder City.

St. Louis Structural Steel Co., East St. Louis, Ill.—(1) \$4336, wt. 44,000; (2) \$5222, wt. 54,000; 1/4% f.o.b. St. Louis.

Worden-Allen Co., Milwaukee, Wis.—(1) \$3280, wt. 43,000; (2) \$4390, wt. 54,000; net; f.o.b. Milwaukee.
 Leigh Structural Steel Co., New York, N. Y.—(1) \$3208, wt. 42,679; (2) \$4108, wt. 53,295; net; f.o.b. Allentown, Pa.

American Bridge Co., Denver, Colo.—(1) \$3555, wt. 45,000; (2) \$4832, wt. 53,100; net; f.o.b. Boulder City, Nev. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Reg. No. 10771, for furnishing one 12-ft. tandem drive Diesel powered motor grader with scarifier; f.o.b. Stockton.
 Jenison Machinery Co., San Francisco—\$6075, allowance \$875; net \$5-200; 2% 30 days.

Spears Wells Machinery Co., Oakland—\$6054, allowance \$1070; net \$4-984; disc. \$100 10 days.

Knox-Hale Machinery Co., San Francisco—\$6112, allowance \$1405; net \$4707; net.

J. D. Adams Co., San Francisco—\$6245, allowance \$1200; net \$5045; 2% 30 days.

Moore Equipment Co.—\$5736.10, allowance \$1200; net \$4536.10; disc. \$50 30 days.

Weaver-Rye Tractor Co., Sacramento—\$5879.90, allowance \$1932.80; net \$3947.10; disc. \$50 30 days. * 25

BIDS OPENED

REDDING, Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 33885, Reg. No. 25963, for (1) one 160-cu. ft. delivery portable air compressor, gasoline engine driven; (2) alternate: 180 cu. ft. portable air compressor but Diesel or Hesselman type engine driven; f.o.b. Redding, Calif.

Complete bids follow:
 Leitch & Co., San Francisco—(1) \$2440, (2) \$3200.

Western Machinery Co., San Francisco—(1) \$3038, (2) \$3591.

Worthington Pump & Machinery Corp., San Francisco—(1) \$2988, (2) \$3833.

The Rlx Co., Inc., San Francisco—(1) \$2075 and \$3050; (2) \$2848 and \$4000.

Edward R. Bacon Co., San Francisco—(1) \$2409.50; (2) \$3160; 1% 15 days.

Sullivan Machinery Co., San Francisco—(1) \$2250, (2) \$3500.
 Chicago Pneumatic Tool Co., San Francisco—(1) \$2950, (2) \$4000.

Gardner - Denver Co., San Francisco—(1) \$2241, (2) \$3160. * 25

CONTRACT AWARDED

OAKLAND, Cal.—Sam Bates Company, 1925 Dennison St., Oakland, at \$975.00 was awarded contract by the Oakland City Council, W. W. Chapman, City Clerk, City Hall, for furnishing one used drum hoist. 25

BIDS OPENED

KENDRICK PROJECT, Wyo.—Following bids were received by the Bureau of Reclamation, Denver, under Spec. No. 763, for furnishing 3 motor-driven gate hoists for operating the 14-ft. by 50-ft. fixed-wheel gates to be installed in the spillway of the Seminoe Dam, Kendrick Project, Wyoming. Gate hoists will be installed by the Government; f.o.b. shipping point and/or Parco, Wyo.
 Foote Bros. Gear & Machine Corp., Chicago, Ill.—\$44,637, wt. 135,000; net; f.o.b. Chicago.

Lake Shore Engine Works, Marquette, Mich.—\$76,626, wt. 210,000; net; f.o.b. Marquette.

Puget Sound Machinery Depot, Seattle, Wash.—\$62,568, wt. 150,000; net; f.o.b. Seattle.

Commercial Iron Works, Portland Ore.—\$55,903, wt. 139,600; 1/2% f.o.b. Portland.

Joshua Hendy Iron Works, San Francisco—\$46,799, wt. 152,000; net; f.o.b. San Francisco.

The Smith Corp., d/b/a General Iron & Steel Works, Portland, Ore.—\$53,750, wt. 155,900; net; f.o.b. Portland.

Consolidated Steel Corp., Ltd., Los Angeles, Cal.—\$55,165, wt. 156,000; net; f.o.b. Los Angeles.

Koppers Co., Western Gas Division, Ft. Wayne, Ind.—\$46,488, wt. 149,300; net; f.o.b. Ft. Wayne.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—\$77,000, wt. 133,000; net; f.o.b. Milwaukee. * 25

CONTRACT AWARDED

ALL-AMERICAN CANAL—Puget Sound Machinery Depot, Seattle, Wn., at (1) \$11,369 and (2) \$1787, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 996-D, for furnishing (1) eight motor-driven radial gate hoists and (2) 3,000-lb. capacity double-drum motor-driven radial gate hoists for power drops Nos. 2, 3, 4 and 5, all for the New Briar turnout, All-American Canal, Boulder Canyon Project, Ariz., California - Nevada. Hoists will be installed by the Government f.o.b. shipping point and/or cars at the railroad destination at the option of the bidder. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 18, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for the rental of 48 four-c.y. water measure capacity dump body trucks with drivers for use in Los Angeles County Drainage Area. Bids will be received on:

- (1) 8,000 hrs. for 8 trucks;
- (2) 16,000 hrs. for 16 trucks;
- (3) 24,000 hrs. for 24 trucks;
- (4) 32,000 hrs. for 32 trucks;
- (5) 40,000 hrs. for 40 trucks;
- (6) 48,000 hrs. for 48 trucks.

Bid bond 10% must accompany bid. Circ. Prop. 214. * 25

BIDS OPENED

TACOMA, Wash.—Star Iron and Steel Co., 435 E 11th St., Tacoma, at \$6446.00 submitted low bid to the Board of Contracts and Awards, 370 City Hall, Tacoma, for furnishing electric transfer cranes, hoist, trolley, chain hoist, contact system and additional equipment for installation in store-building.

Total bids follow:
 Star Iron & Steel Co., 435 E. 11th St., Tacoma \$6446.00
 Ederer Corp., Seattle 6544.32
 Harmschfeger Corp., Milwaukee 9155.00

BIDS OPENED

SACRAMENTO, Calif.—Following bids were received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 35399,

Reg. No. 15347, for furnishing two 40-hp. track-laying-type tractors; f. o. b. Sacramento.

Weaver-Rye Tractor Co., Sacramento—\$3374.91; turn in 14111 each; net \$3927.82; disc. \$50.30 days.

Dolan Tractor Co., Sacramento—\$3247; turn in \$1700; net \$4794; 2% 30 days.

L. S. Quinn, Sacramento—\$3371.50; turn in \$850 on one, \$600 on two; net \$5293; net.

J. D. Adams Co., San Francisco—\$3307; turn in \$1075 on one, \$650 on two; net \$4889; 2%.

Sacramento Traction & Equipment Co.—\$3042.30; turn in \$1043 on one, \$750 on two; net \$4291.60; 2% 30 da. Alternate: \$3002.30; turn in same; net \$4211.60; disc. same. * 25

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by the Metropolitan Water District, Los Angeles, under Spec. 263, for capacitors, lighting arresters, potential transformers and current transformers for use at the Colorado River Aqueduct pumping plant.

The items bid upon are:

SCHEDULE NO. 1

- (1) 15 only 6900 volt single-pole capacitors.

SCHEDULE NO. 2

- (2) 6 only 69 kv single-pole, station-type lightning arresters;
- (3) 15 only 6900 volt, single-type do.

SCHEDULE NO. 3

- (4) 15 only 6900/115 volt, 200 volt amp. oil-filled potential transformers.

- (5) 25 only 6900/115 volt. 200-v. do;
- (6) 30 only 6900/115-volt do.

SCH. No. 4—For Intake Pump Plant

- (7) 9 only 15 kv 800 amp. 600 to 1 ratio and 160 to 1 ratio, double-secondary, indoor type current transformers;

- (8) 3 only 15 kv 100 amp. do;
- (9) 9 only 7.5 kv 400 amp. 80 to 1 ratio indoor type current transformers;

- (10) 2 only 15 kv 3000 amp. 800 to 1 do
- (11) 6 only 15 kv 800 amp 200 to 1 do

SCHED. No. 5—for Gene Pump Plant

- (12) 9 only 15 kv 800 amp to 1 ratio and 160 to 1 ratio double-secondary indoor type current transformers;

- (13) 3 only 15 kv 100 amp. do;
- (14) 9 only 7.5 kv 400 amp 80 to 1 ratio indoor type current transformers;

- (15) 2 only 15 kv 3000 amp 800 to 1 do
- (16) 4 only 15 kv 200 amp 40 to 1 ratio outdoor type current transformers;

- (17) 4 only 15 kv 800 amp 160 to 1 do;
- (18) 6 only 15 kv 800 amp. 200 to 1 ratio indoor type current transformers.

SCHED. No. 6—for Iron Mt. Pumping Plant

- (19) 9 only 15 kv 400 amp 400 to 1 ratio and 80 to 1 ratio double secondary indoor type current transformers;

- (20) 3 only 15 kv 100 amp. 400 to 1 ratio and 160 to 1 do;

- (21) 9 only 7.5 kv 200 amp. 40 to 1 ratio indoor type current transformers.

- (22) 2 only 15 kv 1500 amp 400 to 1 do
- (23) 3 only 15 kv amp 300 to 1 do;
- (24) 4 only 15 kv 40 amp 8 to 1 ratio outdoor type current transformers;

- (25) 6 only 15 kv 400 amp 100 to 1 ratio indoor type current transformers.

SCHED. No. 7—for Eagle Mt. Pumping Plant

- (26) 9 only 15 kv 1000 amp 800 to 1 ratio and 200 to 1 ratio double-secondary indoor type current transformers;

- (27) 3 only 15 kv 100 amp 800 to 1 ratio and 160 to 1 ratio double-

secondary indoor type current transformers;

- (28) 9 only 7.5 kv 500 amp 100 to 1 ratio indoor type current transformers;

- (29) 2 only 15 kv 4000 amp 1000 to 1 do;

- (30) 3 only 15 kv 4000 amp 800 to 1 do;

- (31) 4 only 15 kv 100 amp 20 to 1 ratio outdoor type current transformers;

- (32) 6 only 15 kv 1000 amp 300 to 1 ratio indoor type current transformers;

SCH. No. 8—Hayfield Pumping Plant

- (33) 9 only 15 kv 1000 amp 800 to 1 ratio and 200 to 1 ratio double-secondary indoor type current transformers;

- (34) 3 only 15 kv 100 amp 800 to 1 ratio and 160 to 1 ratio do;

- (35) 9 only 7.5 kv 500 amp 100 to 1 ratio indoor type current transformers;

- (36) 2 only 15 kv 4000 amp 1000 to 1 do;

- (37) 3 only 15 kv 4000 amp 800 to 1 ratio indoor type current transformers;

- (38) 3 only 15 kv 100 amp 20 to 1 ratio outdoor type current transformers;

- (39) 6 only 15 kv 1000 amp 300 to 1 ratio indoor type current transformers.

The bids were:

Westinghouse Electric & Mfg. Co.:

- Sch. 1 (1) \$124.99; use tax \$56.25; total \$199.91; fob East Pittsburgh, Pa.;

- freight allowed; wt. 1125 lbs.; no disc. Sch. 2 (2) \$500; (3) \$100, use tax \$135, total \$4635; fob East Pittsburgh; wt. (2) 2940 lbs.; (3) 1180 lbs.; no disc.

- Sch. 3 (4) \$86.40; (5) \$86.40; (6) 86.40; use tax \$181.44, total \$6,229.44; fob Sharon, Pa. frt. allowed; wt. 1500 lbs., no discount; Sch. 4 (7) \$112.65, (8) \$77.15, (9) \$42.90; (10) \$65.50 (11) \$64.35; use tax \$64.46; total \$2212.96;

- fob Sharon, Pa. frt. allowed; wt. 2-100 lbs.; no disc. Sch. 5 (12) \$112.65, (13) \$77.15 (14) \$42.90 (15) \$65.50 (16) \$32.80 (17) \$98 (18) \$64.35; use tax \$87.35, total \$2299.05; fob Sharon, Pa.;

- freight allowed; wt. 3000 lbs.; no disc. Sch. 6 (19) \$97.15 (20) \$77.15 (21) \$38 (22) \$54 (23) \$54 (24) \$87 (25) \$55.65; use tax \$72.22, total \$2479.57;

- fob Sharon, Pa. frt. allowed; wt. 2600 lbs.; no disc. Sch. 7 (26) \$100.45 (27) \$77.15; (28) \$45.80 (29) \$75.50 (30) \$75.50 (31) \$87 (32) \$57.40; use tax \$78.53; total \$2696.13; fob Sharon, Pa.;

- frt. allowed; wt. 2500 lbs.; no disc. Alternative: If awarded all items, lump sum, \$22,500, net, plus use tax, or net total of \$23,175. Items 4, 5 and 6; Alt. (4) \$82.90 (5) \$92.90 (6) \$82.90, use tax \$174.09, total \$5977.09. Lump sum if awarded all items, using impragnated type, (4) (5) and (6) \$22,300, use tax \$69, total \$22,969, net. Deduct maximum saving on land grant freight rate obtained.

Standard Transformer Co., Warren Ohio—Sch. 3 only (4) \$112; (5) \$112 (6) \$2, use tax not stated, total \$7-840; fob cars Warren, frt. to be paid to Los Angeles or equivalent; wt. 17-500 lbs.; disc. 1% 10 days.

Allis-Chalmers Mfg. Co., Los Angeles: Sch. 3 (4) \$80 (5) \$80 (6) \$80, use tax \$168, total \$5768; fob cars at destination; wt. 15,050 lbs.; no disc. Sch. 4 (7) \$112 (8) \$109 (9) \$44 (10) \$64 (11) \$60, use tax \$66.57, total \$2,285.57; fob destination; wt. 2785 lbs.; no disc. Sch. 5 (12) \$121 (13) \$117 (14) \$44 (15) \$64 (16) \$92 (17) \$96 (18) \$60, use tax \$92.28, total \$3168.28; fob destination; wt. 4205 lbs.; no disc. Sch. 6 (19) \$108 (20) \$105 (31) \$40 (22) \$46 (23) \$43 (24) \$86 (25) \$60, use tax \$77.16, total \$2649.16; fob destination; wt. 4185 lbs.; no disc. Sch. 7 (26) \$121 (27) \$117 (28) \$44 (29) \$74 (30) \$70 (31) \$86 (32) \$53, use tax \$87.48, total \$3003.48; fob destina-

tion; wt. 4055 lbs.; no disc. Sch. 8 (33) \$121 (34) \$117 (35) \$44 (36) \$74 (37) \$70 (38) \$86 (39) \$63, use tax \$84.90, total \$2914.90; fob destination; wt. 3530 lbs.; no disc.

Cornell-Dubilier Elec. Corp., 912 E 3rd St., Los Angeles: Sch. 1 only (1) \$106.02, total \$1590.30; use tax not stated, fob South Plainfield, N. J.; wt. 1245 lbs.; no disc.

General Electric Co., Los Angeles: Sch. 1 (1) \$116.92, total \$1863.80, use tax \$52.61, total \$1906.41; fob Pittsfield, Mass.; wt. 1235 lbs.; no disc. Sch. 2 (2) \$830.43, (3) \$104, use tax \$160.27, total \$5502.83; fob Pittsfield, Mass.; wt. (2) 2960 lbs. (3) \$1950 lbs.; no disc. Sch. 3 (4) \$88.08, (5) \$88.08 (6) \$88.08, use tax \$184.96; total \$6-350.56; fob Pittsfield; wt. 11,550 lbs., no disc. Sch. 4 (7) \$135 (8) \$135 (9) \$70 (10) \$100 (11) \$85, use tax \$88.80, total \$5048.80; fob West Lynn, Mass.; wt. 1385 lbs.; no disc. Sch. 5 (12) \$195 (13) \$135 (14) \$70 (15) \$100 (16) \$140 (17) \$175 (18) \$85; use tax \$126-60; total \$4346.40; fob West Lynn; wt. 2945 lbs.; no disc. Sch. 6 (19) \$145 (20) \$135 (21) \$7 (22) \$100 (23) \$100 (24) \$140 (25) \$80, use tax \$116-40; total, \$3996.40; fob West Lynn; wt. 2433 lbs.; no disc. Sch. 7 (26) \$135 (27) \$135 (28) \$70 (29) \$105 (30) \$105 (31) \$140 (32) \$100; use tax \$118-105; total \$4053.05; fob West Lynn; wt. 2481 lbs.; no disc. Sch. 8 (33) \$125; (34) \$135 (35) \$70 (36) \$105 (37) \$105 (38) \$140 (39) \$100, use tax \$113.85; total \$3908.85; fob West Lynn Mass.; wt. 2346 lbs.; no disc. * 25

WYHIE PROJECT, Oregon-Idaho—Until January 31, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1019-D for furnishing and delivering three 42-inch electrically operated gate valves for installation in the Wyhiew Ditch pumping plant, Wyhiew Project, Oregon-Idaho. Apparatus will be installed by the Government; fob shipping point and/or Dunaway, Oregon.

Plans and specifications may be obtained from the above office. * 25

GILA PROJECT, Ariz.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1004-D for (1) eight motor-driven double stem gate hoists for the sluice gates, and (2) eight motor-driven, double-stem gate hoists for the diversion gates for basin No. 3 of the desilting works of the Gila Valley Canal, Gila Project, Arizona. Hoists will be installed by the Government; fob shipping point and/or Potholes, Calif.

Western Foundry Co., Portland, Oregon—(1) \$6361, wt. 14,568; (2) \$8057, wt. 22,727; combination \$14,353; discount 1%; f.o.b. Portland.

Foote Bros. Gear & Machine Corp., Chicago, Ill.—(1) \$6470, wt. 12,000; (2) \$780, wt. 17,000; combination \$14-140; net; f.o.b. Chicago.

Koppers Co. Western Gas Division, Ft. Wayne, Ind.—(1) \$6600, wt. 17,000; (2) \$9000, wt. 24,000; combination \$15,200; net; f.o.b. Ft. Wayne.

McKiernan-Terry Co., New York, N. Y.—(1) \$11,322, wt. 17,220; (2) \$13,604, wt. 22,087; combination \$23-718; net; f.o.b. Harrison, N. J.

Long Beach Iron Works, Long Beach, Cal.—(1) \$6700, wt. 15,000; (2) \$8700, wt. 22,000; combination \$15,000; net; f.o.b. Long Beach.

Commercial Iron Works, Portland, Ore.—(1) \$6700, wt. 12,200; (2) \$8270, wt. 17,400; combination \$14,530; ½%; f.o.b. Portland.

Joshua Hendy Iron Works, San Francisco, Cal.—(1) \$5733, wt. 15,000; (2) \$10,608, wt. 25,000; combination \$18,317; net; f.o.b. Sunnyvale, Cal.

R. W. Kaltenbach Corp., Bedford, Ohio.—(1) \$8561, wt. 15,000; (2) \$11,000, wt. 24,000; combination \$19,100; net; f.o.b. Cleveland, Ohio.

D. J. Murray Mfg. Co., Wausau, Wis.—(1) \$7220, wt. 16,000; (2) \$9180, wt. 23,000; net; f.o.b. Wausau.

Valley Iron Works, Yakima, Wash.—(1) \$6950, wt. 11,500; (2) \$8400, wt. 18,000; combination \$15,000; 5%; f.o.b. Yakima.

Hesse-Ersted Iron Works, Portland, Ore.—(1) \$6602, wt. 14,000; (2) \$6362, wt. 20,000; combination \$14,500; 2%; f.o.b. Portland.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—H. R. Davis, Irvington, at \$2.25 per hour submitted low bid to the Department of Public Works, State Division of Highways, J. W. Vickrey, District Engineer, District 1, 545 W. Wabash Ave., Eureka, for the rental of two only 3-yard dump trucks for 500 hours each for use in District 1 under power shovel for hauling slide material, gravel, etc.

Total bids follow: Per hr.
H. R. Davis, Irvington.....\$2.25
Asa Moran, Los Angeles.....2.30
Chas. Burnside, Glendale.....2.32
Rock & Gravel Trucking Co.,
Oakland.....2.33

Vance & Ley, Eureka.....2.43
Dewar's Express, Eureka.....2.43
Paul Entremont, Colusa.....2.43
Chas. L. Harney, San Francisco.....2.43
G. R. Starckenburg, L. A.....2.43
Longwell Truck Service, S. F.....2.43
Wm. Kern, Weott.....2.43

BIDS OPENED

DENVER, Colo.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1005-D, for (1) three-double drum radial-gate hoists and one portable gasoline-engine-powered drive unit for installation on the bridge over the spillway at the Bull Lake Dam, River-ton Project, Wyo.; (2) and 3 double-spocket, radial gate hoists and one portable gasoline - engine - powered drive unit for installation on the bridge over the spillway at the Alamogordo Dam, Carlsbad Proj., N. M. Apparatus will be installed by the Government; fob shipping point and/or railroad destination

Commercial Iron Works, Portland, Ore., (1) \$3590; wt. 10,500; (2) \$5730, wt. 15,300; comb. \$9040; ½%; fob Portland.

Valley Iron Works, Yakima, Wash., (1) \$4110, wt. 10,800; (2) \$6075, wt. 18,500; comb., \$9800; 5%; fob Yakima.

McKlerman-Terry Corp., New York N. Y., (1) \$7434, wt. 10,100; (2) \$11,399; wt. 16,200; comb., \$18,336; net; fob Harrison, N. J.

Long Beach Iron Works, Long Beach, Calif., (1) \$5000, wt. 13,000; (2) \$7400, wt. 22,500; comb. \$12,200; net; fob Long Beach.

29— STREETS AND HIGHWAYS

LOW BIDDERS

ORANGE CO., Cal.—C. O. Sparks & Mundo Engineering Co., 2309 East Olympic Blvd., Los Angeles, at \$2,581.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing 0.9 mile and constructing a reinforced concrete bridge at Oso Creek, Orange Co., Cal.

Mojave Corporation, Box 174, Los Nietos, Calif., at \$42,807.90, submitted second low bid.

CONTRACT AWARDED

PHOENIX, Ariz.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$51,935.55, awarded contract by Phoenix city commission for improvement of portions of Tenth, Eleventh, Twelfth and Diamond Streets, involving plant mix pavement.

LOW BIDDER

MARICOPA and Yavapai Counties, Ariz.—Pearson and Dickerson Contractors, Inc., Tilton Blig., Prescott, Ariz., at \$55,951.00 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of Aguilá-Clanburg Junction Highway, FAS-1-A (1935) AFE 7103. The work, which begins at the Maricopa-Yavapai county line, approximately six miles NE of Aguilá, and extends NE for approximately 7½ miles, consists of grading and draining the roadway, and is to be completed on or before June 30, 1938.

COMPLETE BIDS

PHOENIX, Maricopa Co., Arizona.—Daley Corp., 4430 Boundary Street, San Diego, at \$31,368.50 (Alternate 1) and Oswald Bros., 366 E 58th Street, Los Angeles, at \$28,200.60 (Alternate 2) submitted low bids to the Phoenix City Commission, for improvements to certain portions of 12th, 13th, 11th and 10th Avenues, and McKinley and Pierce Streets, Phoenix.

Work involves:

- ALTERNATE 1
(1) 15,200 sq. yds. 4.7-in. Portland cement concrete pavement with integral curbs and thickened edges;
(2) 15,200 sq. yds. grading under 4.7-in. Portland cement concrete pavement;
(3) 1,070 sq. yds. 6-in. Portland cement concrete pavement;
(4) 1,070 sq. yds. grading under 6-in. Portland cement concrete pavement;
(5) 5,800 sq. yds. parkway grading;
(6) 24,000 sq. ft. one-course Portland cement concrete sidewalk;
(7) 275 lin. ft. 8-in. plain concrete pipe;
(8) 3 each, street signs (detail P);
(9) 3 each, monument covers (detail K);
(10) 3 each, manholes (detail No 4);
(11) 3 each, gutter inlets (detail No. 3);
(12) 3 each, gutter inlets (detail No. 6);
(13) 5 each, adjusting manhole covers;
(14) 8 each, adjusting water valve boxes.

- ALTERNATE 2
(1) 13,010 sq. yds. 3-in. plant-mix oil process pavement;
(2) 13,010 sq. yds. grading under oil process pavement;
(3) 13,010 sq. yds. 6-in. aggregate base, under oil process pavement;
(4) 1,020 sq. yds. 6-in. Portland cement concrete pavement;
(5) 1,020 sq. yds. grading under 6-in. Portland cement concrete pavement;
(6) 5,800 sq. yds. parkway grading;
(7) 24,000 sq. ft. one-course Portland cement concrete sidewalk, 4 inches thick;
(8) 808 lin. ft. combined curb and gutter (detail E-1);
(9) 260 lf. single curb (detail F-1);
(10) 270 lf. 8-in. gutter (detail Z);
(11) 275 lf. 8-in. plain concrete pipe;
(12) 3 each, street signs (detail P);
(13) 3 each, monument covers (detail K);
(14) 3 each, manholes (detail No. 4);
(15) 3 each, gutter inlets (detail No. 3);
(16) 3 each, gutter inlets (detail No. 6);
(17) 5 each, adjusting manhole covers;

(18) 8 each, adjusting water valve boxes.

- Total bids follow:
(A) Daley Corp., 4430 Boundary St., San Diego, (Alt. 1) \$31,368.50; (Alt. 2) \$29,152.85.
(B) Oswald Bros., 366 E 58th St., Los Angeles: (Alt. 1) \$31,657.00; (Alt. 2) \$28,200.60.
(C) Arizona Sand & Rock Co., Phoenix: (Alt. 1) \$31,982.25; (Alt. 2) \$29,462.75.
(D) Phoenix-Tempe Stone Co., Phoenix: (Alt. 1) no bid; (Alt. 2) \$30,859.50.
(E) W. E. Hall Const. Co. (Alt. 1) no bid; (Alt. 2) \$32,812.35.

Unit prices follow:

	ALTERNATE 1		
	(A)	(B)	(C)
(1).....	\$ 1.40	\$ 1.40	\$ 1.37
(2).....	.20	.20	.25
(3).....	1.50	1.75	1.70
(4).....	.20	.20	.30
(5).....	.10	.10	.10
(6).....	.16	.16	.16
(7).....	.70	.70	.75
(8).....	25.00	25.00	18.00
(9).....	17.00	17.00	17.00
(10).....	65.00	60.00	85.00
(11).....	55.00	65.00	45.50
(12).....	25.00	25.00	20.00
(13).....	5.00	6.00	2.50
(14).....	4.00	4.00	2.50

	(A)	(B)	(C)	(D)	(E)
(1).....	\$.60	\$.58	\$.60	\$.60	\$.59
(2).....	.20	.20	.23	.22	.28
(3).....	.25	.23	.22	.24	.29
(4).....	1.50	1.50	1.70	1.75	1.90
(5).....	.23	.20	.30	.25	.28
(6).....	.10	.10	.10	.10	.13
(7).....	.16	.16	.16	.19	.19
(8).....	1.00	.95	1.00	1.08	1.08
(9).....	.90	.50	.85	.75	.90
(10).....	1.00	1.00	.90	1.00	1.15
(11).....	.65	.70	.75	.60	.75
(12).....	25.00	25.00	15.00	15.00	25.00
(13).....	17.00	17.00	17.00	15.00	15.00
(14).....	65.00	60.00	85.00	65.00	85.00
(15).....	55.00	65.00	45.50	27.50	65.00
(16).....	25.00	25.00	20.00	25.00	30.00
(17).....	6.00	6.00	2.50	10.00	6.00
(18).....	4.00	4.00	2.50	5.00	2.00

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened as noted below:

* I-Hum-1-D-E, bridge across Jordan Creek, 6 miles south of Scotia: PLANS (No. of sheets) 9; (Cost) \$140; CROSS - SECTIONS (No. of Sheets) 6 (Cost) \$0.60; (Total) \$2.00.

* IV-Nap-Silverado Trail between Oakville and Callistoga: PLANS (No. of Sheets) 17; (Cost) \$1.70; CROSS-SECTIONS (No. of Sheets) 62; (Cost) \$6.20; (Total) \$7.90.

* V-SLO-58-C, bridge across San Juan Creek: PLANS (No. of Sheets) 6; (Cost) \$0.90; CROSS-SECTIONS (No. of Sheets) 4; (Cost) \$0.40; (Total) \$1.30.

† X-S-D-S-D City St. on Douglas Street in the City of San Diego: PLANS (No. of Sheets) 4; (Cost) \$4.00; CROSS-SECTIONS (No. of Sheets) 9; (Cost) \$0.90; (Total) \$1.30.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

× To be opened in San Francisco January 28.

† To be opened in Los Angeles on January 27.

* To be opened in Sacramento on January 26.

COMPLETE BIDS

PHOENIX, Maricopa Co., Arizona. —Arizona Sand and Rock Co., Box 1522, Phoenix, at \$15,589.60 submitted low bid to the Phoenix City Commission for improvements to Third St. and Alvarado Road, Phoenix.

- The work involves: (1) 3,795 sq. yds. 3-in. plant mix oil process pave. (track area); (2) 3,795 sq. yds. agg. base course under oil process pave. track area; (3) 3,795 sq. yds. grading under oil process pave. (track area); (4) 7,050 sq. yds. 3-in. plant mix oil process pave.; (5) 7,050 sq. yds. 6-in. agg. base course under oil process pave.; (6) 7,050 sq. yds. grading under oil process pave.; (7) 135 sq. yds. 7-in. cement conc. pavement; (8) 135 sq. yds. grading under 6-in. concrete pave.; (9) 3,500 sq. yds. parkway grading; (10) 3,220 lf. comb. curb and gutter; (11) 420 lf. single gutter; (12) 25 lf. single curb; (13) 40 lf. valley gutter; (14) 17 lf. 15-in. plain conc. pipe; (15) 31 lf. 15-in. concrete pipe; (16) 1 each monument cover; (17) 2 each headwalls; (18) 4 each adjusting covers; (19) 3 each adjusting water valve boxes.

- Total bids follow: (A) Arizona Sand & Rock Co., Box 1522, Phoenix, \$15,589.60. (B) Oswald Bros., Los Angeles, \$15,747.25. (C) Daley Corp., San Diego, \$16,073.20. (D) Phoenix-Tempe Stone Co., Phoenix, \$17,016.20. (E) W. E. Hall Const. Co., \$19,170.20.

Unit prices follow: (A) (B) (C) (D) (E) (1)..... \$.60 \$.60 \$.60 \$.68 \$.65 (2)..... .10 .10 .10 .12 .15 .20 (3)..... .15 .20 .15 .25 .25 (4)..... .60 .60 .60 .60 .65 (5)..... .22 .25 .25 .24 .30 (6)..... .23 .20 .23 .22 .35 (7)..... 1.70 1.75 1.50 1.75 2.30 (8)..... .30 .20 .23 .25 .35 (9)..... .10 .10 .10 .10 .15 (10)..... 1.00 .95 1.00 1.08 1.10 (11)..... .61 .75 .75 .75 .90 (12)..... .55 .75 .60 .75 1.00 (13)..... .90 1.00 1.00 1.00 1.15 (14)..... .90 1.50 3.00 1.75 1.35 (15)..... 1.60 2.25 4.00 2.50 2.50 (16)..... 17.00 17.00 17.00 15.00 15.00 (17)..... 8.00 35.00 30.00 30.00 20.00 (18)..... 2.50 6.00 5.00 5.00 6.00 (19)..... 2.50 4.00 4.00 5.00 2.50

BIDS WANTED

PHOENIX, Maricopa Co., Arizona. —Until January 18, 10 A. M., bids will be received by the Phoenix city commission for improvement of 5th Avenue; Resolution of Intention No. 6541. The work involves:

- (1) 264 sq. yds. 3-in. plant mix oil process pave. track area; (2) 264 sq. yds. 2-in. agg. base course pave. (track area); (3) 264 sq. yds. grading under oil process pave. (track area); (4) 945 sq. yds. 3-in. plant mix oil process pave.; (5) 945 sq. yds. grading 6-in. agg. base course under oil process pave.; (6) 945 sq. yds. grading under oil process pave.; (7) 58 sq. yds. 6-in. cement concrete pave.; (8) 58 sq. yds. grading under 6-in. cement conc. pave.; (9) 600 sq. yds. parkway grading; (10) 1840 sq. ft. 1-course cem. conc. walk, 4-in. thick; (11) 492 lf. comb. curb and gutter, detail E-1;

- (12) 36 lf. valley gutter, detail Z; (13) 62 lf. single curb, detail F-1; (14) 4 each adjusting valve boxes.

Plans and specifications may be obtained from the City Engineer, Jas. Girard, Phoenix, upon deposit of \$5.

BIDS WANTED

PHOENIX, Maricopa Co., Arizona. —Until January 18, 10 A. M., bids will be received by the Phoenix city commission for improvement of Ashland Ave.; Resolution of Intention 6538. The work involves:

- (1) 1810 sq. yds. 3-in. plant mix oil process pave.; (2) 1810 sq. yds. 6-in. agg. base course under 3-in. oil process pave.; (3) 1810 sq. yds. grade under oil process pave.; (4) 310 sq. yds. 6-in. cement conc. pavement; (5) 310 sq. yds. grade under 6-inch cement concrete pave.; (6) 750 sq. yds. parkway grading; (7) 2900 sq. ft. 1-course cement concrete walk, 4-in. thick; (8) 1228 lf. comb. curb and gutter, detail E-1; (9) 32 lf. 8-in. plain concrete pipe; (10) 1 each monument cover, detail E; (11) 2 each gutter inlets, detail 6-A; (12) 2 each adjusting manhole covers.

Plans and specifications may be obtained from the City Engineer, Jas. Girard, Phoenix, upon deposit of \$5.

BIDS WANTED

SACRAMENTO, Cal.—Until Jan. 21, 5 p.m. (opened at 8:15 p.m.) bids will be received by the Sacramento City Council, H. G. Denton, City Clk., City Hall, for the improvement of 42nd Street from the southerly line of T Street to the northerly line of V Street, Sacramento, Calif.

- Work involves: (1) 28 lf. No. 5 curb and gutter constructed; (2) 715 lf. No. 6 curb and gutter constructed; (3) 62 lf. curb alone constructed; (4) 1925 3/4-in. sidewalk; (5) 2 cast-iron drains No. 11 installed; (6) Two concrete manholes reconstructed; (7) 505 c.y. excav. grading; (8) 23 c.y. fill grading; (9) 48 lf. 6-in. vit. iron sewer pipe; (10) 112 c.y. crushed run gravel for subbase; (11) 165 tons asphaltic concrete top pavement, 3 inches thick; (12) 28 lf. old concrete curb and gutter No. 5 removed; (13) 87 lf. hedge removed.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

GILA AND NAVAJO COS., Arizona. Gen. W. Orr, El Paso, Tex., at \$126,052.14 was awarded contract by the State Highway Commission, Phoenix, for highway construction on Globe-Showlow Highway (F. A. 99-H, 1st Reop.) (1938) AFE 6072; FA 99-1 (1938) AFE 6073; FA 99-J, 1st Reop. (1938) AFE 6074. The work, which begins about fifty miles northeast of Globe and extends northeasterly about 15 miles to the Gila-Navajo county line, consists of sub- grading roadway and refinishing slopes, aggregate base course and asphalt surface treatment and is to be completed on or before Sept. 15, 1938.

LOW BIDDER

NAVAJO COUNTY, Ariz.—Heuser and Garnett, 816 Allen Ave., Glendale, Calif., at \$249,603.00 submitted

low bid to Arizona Highway Commission, Phoenix, for highway construction of the Showlow-Holbrook Highway (FA 13-A) (1938) AFE 7702. The work, which is to extend from Holbrook south for a distance of about 11 1/2 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before Oct. 13, 1938.

CONTRACT AWARDED

WASHOE CO., Nev.—Isbell Constr. Co., Reno, Nevada, at \$21,828.09, submitted low bid and was awarded contract by the Nevada State Dept. of Highways, Heroes Memorial Bldg., Carson City, Nev., for 1.70 ml. highway construction from Junction with State Route 3 to a point approximately two miles west, Rt. 27, Sec. B, Washoe Co., Nev.

- Work involves: (1) 3,470 lf. fence; (2) 13,798 c.y. roadway excav.; (3) 12 c.y. drainage excav.; (4) 6 sta. V type ditches; (5) 8,293 c.y. borrow; (6) 8,212 yd. sta. overhaul (yd. sta.);

- (7) 4,769 yd. ml. overhaul (yd. ml.); (8) 70 c.y. str. excav.; (9) 100 yd. backfill; (10) 1.70 ml. subgrade, type C; (11) 838 c.y. rock cleanup; (12) Force account, roadside cleanup; (13) 10 M. gals. water; (14) 7,575 tons gravel surface; (15) 18 tons liq. asph., type SC-2 (seal);

- (16) 141 tons liq. asph., type SC-2 (road-mix); (17) 1.70 ml. road-mix; (18) 8 c.y. class A concrete; (19) 3 c.y. class B concrete; (20) 68 lbs. reinf. steel; (21) 6,727 lbs. str. steel; (22) 0.20 MFBM untreated Doug. fir; (23) 28 lf. 12-in. CMP; (24) 54 lf. 18-in. CMP; (25) 104 lf. 24-in. CMP; (26) 6 each culvert markers; (27) 12 each guide posts; (28) 3,470 lf. reconstruct fence; (29) 1 each, 16-ft. steel gate; (30) 16 each, monuments.

- Total bids follow: (A) Isbell Constr. Co., Reno, Nevada —\$21,828.09. (B) Dodge Construction Co., Inc., Fallon—\$22,677.04. (C) Nevada Rock & Sand Co., Inc., Reno—\$26,961.74.

(A) (B) (C) (1)..... \$ 0.25 \$ 0.05 \$ 0.02 (2)..... .37 .40 .48 (3)..... 1.00 .50 .60 (4)..... 5.00 10.00 5.00 (5)..... .37 .25 .45 (6)..... .01 .02 .02 (7)..... .10 .20 .15 (8)..... 1.50 1.50 1.60 (9)..... .50 .75 .60 (10)..... 100.00 100.00 200.00 (11)..... 1.00 1.00 2.50 (12)..... 500.00 500.00 500.00 (13)..... 2.00 10.00 3.00 (14)..... .65 .65 .65 (15)..... 20.00 18.20 22.00 (16)..... 17.00 18.20 22.00 (17)..... 640.00 700.00 600.00 (18)..... 30.00 30.00 32.00 (19)..... 30.00 30.00 40.00 (20)..... .10 .10 .10 (21)..... .10 .10 .13 (22)..... 200.00 150.00 100.00 (23)..... 1.90 2.00 2.00 (24)..... 2.30 2.50 2.50 (25)..... 3.50 4.00 3.25 (26)..... 4.00 4.00 4.00 (27)..... 3.50 4.00 4.00 (28)..... .10 .10 .08 (29)..... 30.00 25.00 40.00 (30)..... 4.00 3.50 3.00

BIDS WANTED

VENTURA CO., Calif.—Until Feb. 3, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 1.7 miles between La Cross and Oakview, Ventura Co., Calif.

Work involves:

- (1) 93 sta. clear and grub; and
- (2) 2,500 M. gals. water;
- (3) 810 c.y. remove exist. conc.;
- (4) 140,500 c.y. roadway excavation, without classification;
- (5) 1,100 c.y. struc. excav.;
- (6) 500 c.y. ditch and channel excavation;
- (7) 550,000 sta. yds. overhaul;
- (8) 22,600 sq. yds. preparing subgrade;
- (9) 93 sta. finishing roadway;
- (10) 24 tons liq. asph., SC-2 (prime coat);
- (11) 360 tons liq. asph., SC-2 (road-mix surf. treat.);
- (12) 29,000 sq. yds. preparing, mixing and shaping shoulders;
- (13) 4,250 c.y. class B portland cement concrete pavement;
- (14) 26,000 lbs. bar reinf. steel pave. and strucs.;
- (15) 8,400 each, pave. dowels;
- (16) 82 c.y. Class A portland cement concrete strucs.;
- (17) 230 lf. 8-in. CMP;
- (18) 560 lf. 24-in. CMP;
- (19) 180 lf. 36-in. CMP;
- (20) 320 lf. 6-in. steel pipe;
- (21) 230 lf. remove, clean and relay pipe culverts;
- (22) 795 lf. bank protection fence;
- (23) 16 each, spillway assemblers;
- (24) 22 each, culvert markers;
- (25) 40 each, guide posts;
- (26) 0.5 mile new property fence;
- (27) 6 each, drive gates.

The State will furnish CMP and abows and spillway assemblies, etc. Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

ORANGE CO., Calif.—Until Feb. 3, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about one mile between Orange and Olive, Orange Co., Calif.

Work involves:

- (1) 50 sta. clear and grub;
- (2) 700 M. gals. water;
- (3) 390 c.y. remove concrete;
- (4) 10,100 c.y. roadway excav., without classification;
- (5) 720 c.y. struc. excav.;
- (6) 240 c.y. ditch and channel excavation;
- (7) 50,000 sta. yds. overhaul;
- (8) 1,100 c.y. imported borrow;
- (9) 9,000 tons import subgrade material;
- (10) 12,300 sq. yds. preparing subgrade;
- (11) 50 sta. finishing roadway;
- (12) 10 tons liq. asph., SC-2 (prime coat);
- (13) 230 tons min. aggregate (plant-mix surf.);
- (14) 12 tons liq. asph., ROMC-4 or 5 (plant-mix surf.);
- (15) 100 tons liq. asph., SC-2 (shoulders);
- (16) 8,200 sq. yds. preparing, mixing and shaping shoulders;
- (17) 2,305 c.y. class A portland cement concrete pavement;
- (18) 4,650 each, pave. dowels;
- (19) 45,000 lbs. bar reinf. steel pave. and strucs.;
- (20) 4,000 lbs. misc. iron and steel;
- (21) 225 c.y. class A portland cement concrete strucs.;
- (22) 40 lf. remove, clean and relay pipe culverts;
- (23) 80 lf. remove, clean and salvage

- pipe culverts;
- (24) 40 lf. laminated guard railing;
- (25) 20 each, culvert markers;
- (26) 60 sq. yds. asph. paint binder.

Plans and specifications may be obtained from the above office. * 29

BIDS REJECTED

STATE OF OREGON.—The Oregon State Highway Commission, Public Service Bldg., Portland, rejected all bids for furnishing 5000 c.y. crushed rock in stockpiles, Durkee Section of the Old Oregon Trail, Baker County, State Project.

Homer G. Johnson, Portland, at \$15,250, submitted low bid. * 29

COMPLETE BIDS

STATE OF OREGON.—Following submitted bids to the Oregon State Highway Commission, Auditorium, Public Service Bldg., Oregon, for bridge and highway construction, as follows:

Clackamas, Hood River and Wasco Counties: Mt. Hood Rock Production Project on Mt. Hood and Wapinitia Highways. State project. Furnish 12,400 c.y. crushed rock in stock piles.

Low Bidder: Saxton, Looney & Risley, Henry Bldg., Portland, \$21,060. Referred to engineer.

Other Bidders: A. S. Wallace, Roseburg, Ore., \$21,620; R. O. Dall and Warren Bros., Inc., 7923 NE Halsey, Portland, \$22,240; Joplin & Eldon, 3101 N. Columbia Blvd., Portland, \$23,317; S. S. Montague, 115 SW 4th, Portland, \$23,910; E. H. Tschner, Molalla, Ore., \$25,935; C. C. Greenwood Co., Inc., 3201 NW Front, Portland, \$25,740; Fisher Bros., Oregon City, Ore., \$26,580; Dolan Construction Co., Tillamook, Ore., \$27,680; Homer G. Johnson, Imperial Hotel, Portland, \$27,740; H. L. Rice, 2905 SE Pine, Portland, \$29,378; E. C. Hall Co., 775 W. 11th, Eugene, Ore., \$29,950.

Sherman and Wasco Counties: Dillon-John Day River Section of Columbia River Highway. State project. Furnish 7500 c.y. crushed rock in stock piles. This project may be bid in combination with Hood River Rock Production Project, Hood River and Wasco Counties.

Low Bidder: H. L. Rice, 2905 SE Pine, Portland, \$10,200. Referred to engineer, with power to award.

Other Bidders: Fisher Bros., Oregon City, Ore., \$11,250; Rogers Construction Co., Dayton, Wash., \$11,550; A. S. Wallace, Roseburg, Oregon, \$12,225; Saxton, Looney & Risley, 324 Henry Bldg., Portland, \$12,671; Schmeer, Williams & Gentemann, Wilcox Bldg., Portland, \$13,637; Warren-Northwest Inc., Box 5072, Portland, \$13,725; Clifford A. Dunn, Klamath Falls, \$13,772; Edwin C. Gerber, Oregon City, Ore., \$14,250; R. O. Dall and Warren Bros., Inc., Portland and Aberdeen, Wash., \$14,550; Homer G. Johnson, Imperial Hotel, Portland, \$18,180.

Linn County: The construction of a steel truss span on concrete piers and a concrete slab span over the Calapooya River at Brownsville. Requires approximately 430 cubic yards excavation; 270 cubic yards concrete; 68,000 lbs. metal reinforcement; 210,000 lbs. structural steel, and 300 lf. concrete handrail. The bids for this project will be received for and in behalf of and will be considered by the County Court of Linn County, Oregon.

Low Bidder: Tom Lillebo, Reedsport, \$25,045. County will award.

Other Bidders: Leonard & Slate, Multnomah, Ore., \$25,730; Mountain States Construction Co., 12th and Grant, Eugene, \$26,355; F. C. Himber Co., Eugene, \$27,008; Barham Bros., 865 N. Winter, Salem, \$28,080; J. F. Johnson, Newberg, Ore., \$28,350; Jop-

lin and Eldon, 3101 N. Columbia Blvd., Portland, \$29,088; Warren-Northwest, Inc., Box 5072, Portland, \$30,430; Portland Bridge Co., 1017 Yeon Bldg., Portland, \$32,120; Frank Watt Construction Co., 2020 NE 55th, Portland, \$32,864. * 29

BID OPENING POSTPONED

STATE OF OREGON.—The Oregon State Highway Commission, Public Service Bldg., Portland, postponed the call for bids for the Hood River Rock Production Project on Columbia River and Mt. Hood Highways. State Project. Hood River and Wasco Counties. Bids were called for January 7th. * 29

TO BE READVERTISED

STATE OF OREGON.—The Oregon State Highway Commission, Public Service Bldg., Portland, postponed the call for bids for the Hermiston-Columbia School Section of Hermiston Secondary Highway, FAS-4-A, Umatilla Co., involving 28 mile of surfacing and 3.67 miles oiling and furnishing 1200 c.y. crushed rock in stockpiles. Bids were called for Jan. 7th. Plans are being revised and will be readvertised shortly. * 29

CONTRACT AWARDED

MARICOPA and Yavapai Cos., Arizona.—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, Arizona, at \$55,951.25, awarded contract by Arizona State Highway Commission, Phoenix, for construction of Agula-Congress Junction Highway, FAS-1-A (1938) AFE 7103. The work, which begins at the Maricopa-Yavapai Co. line, approximately six mi. NE of Agula, and extends NE for approximately 7½ miles, consists of grading and draining the roadway, and is to be completed on or before June 30, 1938. * 29

BIDS WANTED

MARIN CO., Calif.—Until Feb. 4, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading and surfacing with armor coat 1.5 mi. between San Geronimo and one mile north of Fairfax, Marin Co., Calif.

Work involves:

- (1) 10 acres clear and grub right of way;
- (2) 810 M. gals. water;
- (3) 210,800 c.y. roadway excavation, without classification;
- (4) 2,300,000 sta. yds. overhaul;
- (5) 1,100 c.y. struc. excav.;
- (6) 82 sta. finishing roadway;
- (7) 20 tons liq. asph., SC-1A (prime coat);
- (8) 50 tons liq. asph., 90-95 (armor coat);
- (9) 900 tons screenings (armor coat);
- (10) 3,000 lbs. bar reinf. steel;
- (11) 40 c.y. class A portland cement concrete strucs.;
- (12) 2 MFBM Redwood timber, select, all-heart struc. grade;
- (13) 1,324 lf. 18-in. CMP, 16-ga.;
- (14) 240 lf. 18-in. CMP, 14-ga.;
- (15) 292 lf. 24-in. CMP, 14-ga.;
- (16) 1,500 lf. 6-in. stand. drain tile;
- (17) 170 lf. 90-in. multiplate CMP;
- (18) 200 c.y. rock filling material;
- (19) 7 each, cast steel frames and covers for drop inlets.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

NAVAJO CO., Ariz.—Heuser and Garnett, 816 Allen Ave., Glendale, Calif., at \$249,603.17, awarded contract by the Arizona Highway Commission, Phoenix, for highway construction of the Showlow-Holbrook Highway (FA 13-A) (1938) AFB 7702. The work, which is to extend from

Holbrook south for a distance of about 1 1/2 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before October 13, 1938. * 29

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Skoussen Bros., Albuquerque, N. M., at \$37,681.10 was awarded contract by the Arizona State Highway Commission, Phoenix, for placing select material, aggregate base course and asphaltic surface treatment at a point 25.7 mi. north of Cameron and extending northerly approx. 14.2 miles, Flagstaff Fredonia Highway FL 4-C, Schedule 2 (1938) Coconino County, Arizona. * 29

COMPLETE BIDS

NAVAJO COUNTY, Ariz.—Heuser and Garnett, 816 Allen Ave., Glendale, Calif., at \$249,603.17 submitted low bid to Arizona Highway Commission, Phoenix, for highway construction of the Showlow-Holbrook Highway (FA 13-A) (1938) AFE 7702. The work, which is to extend from Holbrook south for a distance of about 1 1/2 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before October 13, 1938.

Work Involves:

- (1) 51,124 cu. yd. excav., unclass.
- (2) 3,000 c.y. slides and overbreakage;
- (3) 14,652 cu. yd. drainage excav., unclassification;
- (4) 10,150 lf. grader ditches;
- (5) 2,319 cu. yd. struc. excav., unclass.;
- (6) 47,013 sta. yd. station mile overhaul;
- (7) 3,085 cu. yd. cubic yard m. haul
- (8) \$2,369 cu. yd. imported borrow, CIP;
- (9) 59,539 cu. yd. select material, CIP;
- (10) 20,089 tons agg. base course, CIP
- (11) 7,430 M. gals. sprinkling (CIP)
- (12) 1,815 hours rolling;
- (13) 1,268 cu. yd. Class A conc. (inc. cement);
- (14) 136,597 lbs. reinf. steel (bars) CIP;
- (15) 2 each corr. metal catch basin. (CIP)
- (16) 78 lf. 8-inch bit. coated CMP (CIP inc. excav.);
- (17) 470 lf. 18-in. bit. coated CMP (CIP exc. excavation);
- (18) 304 lf. 24-in. do;
- (19) 542 lf. 30-in. do;
- (20) 300 lf. 36-in. do;
- (21) 278 lf. 42-in. do;
- (22) 174 cu. yd. plain riprap (CIP);
- (23) 2 sq. yd. grouted riprap (CIP);
- (24) 640 sq. yd. rock blanket protection (CIP);
- (25) 1 each cattle guard (28-in. rdwy) (C-6) (CIP except excavation and concrete);
- (26) 1 each cattle guard (24-in. rdwy) (C-6) (CIP except excavation and concrete);
- (27) 123,598 lf. standard line fence (CIP);
- (28) 4 each standard steel gates (type 1) (CIP);
- (29) 560 lf. road guard (CIP);
- (30) 186 each guide posts (CIP);
- (31) 94 each r/w markers (type A) (CIP);
- (32) 617 tons cutback asphalt (MC-2) (CIP on road);
- (33) 734 cu. yd. biotter material (CIP on road);
- (34) 1 lump sum resetting cast iron pipe (left sta. 1412 plus 60).
- (35) 470 tons stockpiling agg. base course (CIP).

Total bids follow:

- (A) Heuser & Garnett, 816 Allen Ave., Glendale, Calif., \$249,603.17.
- (B) Southern Calif. Roads Co., Los Angeles, \$251,297.28.
- (C) Ken Hodgman, Contr., Phoenix, \$252,806.58.

(D) Tanner Const. Co., Phoenix, \$268,258.09.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 85	\$ 100	\$ 75	\$ 82
(2).....	6375	75	5625	615
(3).....	40	60	25	40
(4).....	.06	.06	.04	.06
(5).....	1.50	1.30	1.25	2.00
(6).....	.03	.03	.02	.04
(7).....	.30	.15	.30	.40
(8).....	.45	.45	.52	.52
(9).....	.45	.46	.60	.55
(10).....	.65	.58	.85	.90
(11).....	2.30	2.45	2.00	2.75
(12).....	3.00	2.90	3.00	3.00
(13).....	26.00	24.75	26.00	24.00
(14).....	.07	.07	.0525	.06
(15).....	15.00	12.00	25.00	18.00
(16).....	1.00	1.00	1.00	1.05
(17).....	2.00	1.70	2.00	2.50
(18).....	3.00	2.75	3.25	3.50
(19).....	4.00	3.50	4.50	4.00
(20).....	6.00	5.50	6.00	6.00
(21).....	7.00	6.75	7.50	7.00
(22).....	8.00	2.00	2.00	4.00
(23).....	1.50	1.75	5.00	5.00
(24).....	1.50	1.00	.60	2.00
(25).....	500.00	550.00	600.00	600.00
(26).....	400.00	450.00	450.00	500.00
(27).....	.08	.08	.10	.08
(28).....	25.00	18.50	25.00	25.00
(29).....	1.40	1.45	1.15	1.40
(30).....	2.50	3.00	2.50	2.50
(31).....	2.50	3.00	2.50	2.50
(32).....	28.00	26.00	28.00	30.00
(33).....	2.00	2.00	1.50	3.00
(34).....	50.00	50.00	25.00	50.00
(35).....	.75	.60	.60	.80

CONTRACTS AWARDED

STATE OF OREGON.—The Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, Oregon, awarded the following contracts for bridge and highway construction:

BAKER COUNTY: Gibbs Ranch-Baker Section of Baker Unit Highway, State Project 4.37 miles gravel surfacing. Requires approx. 8,400 cu. yd. pit-run gravel and 4,200 cu. yd. screened gravel. This project may be bid in combination with North Unit, Missouri Flat Project in Baker County.

Awarded: O. C. Yocum, 2407 NW 28th, Portland, \$6330.

Other Bidders: Leonard & Slate, Multnomah, Ore., \$7810; Van Cleve & Van Cleve, The Dalles, Ore., \$7838; Roy L. Houck, Salem, \$8530; E. H.

Itschner, Molalla, Ore., \$9350; Hart Construction Co., LaGrande, Ore., 9,482; Gwinn-Robins Co., Inc., Boise, Id., \$10,942; Saxton, Looney & Risley, 324 Henry Bldg., Portland, \$10,611; Harold Blake, 400 N Thompson, Portland, \$10,675; Homer G. Johnson, Imperial Hotel, Portland, \$10,980; Warren Northwest Inc., Box 5072, Portland, \$11,425; Coos Bay Dredging Co., Marshfield, Ore., \$11,908; Newport Construction Co., 7031 NE Halsey, Portland, \$12,915.

BAKER COUNTY: North Unit Missouri Flat Sec. of Medical Springs Secondary Highway, State Project, 3.02 miles gravel surfacing. Requires approx. 9,000 cu. yd. pit-run gravel. This project may be bid in combination with Gibbs Ranch-Baker Project in Baker County.

Awarded: O. C. Yocum, \$3750.

Other Bidders: Van Cleve and Van Cleve, The Dalles, Ore., \$4450; Roy L. Houck, Salem, \$4550; Leonard & Slate, Multnomah, Ore., \$5250; Gwinn-Robins Inc., Boise, Idaho, \$5740; Saxton, Looney & Risley, 324 Henry Bldg., Portland, \$5935; Hart Construction Co., La Grande, Ore., \$5965; E. H. Itschner, Molalla, Ore., \$6780; Coos Bay Dredging Co., Marshfield, Ore., \$7215; Harold Blake, 400 North Thompson, Portland, \$7,625; Homer G. Johnson, Imperial Hotel, Portland, \$7750; Newport Construction Co., 7031 NE Halsey, Portland, \$8700.

GILLIAM COUNTY: Shutter Flat-Condor Section of John Day Highway, State project. Furnish 6,000 cu. yd. crushed rock in stock piles. Gentemann, Portland, \$8710.

Other Bidders: Jones-Scott Co., Walla Walla, Wash., \$9650; Warren Northwest Inc., Box 333, Portland, \$9760; Fisher Bros., Oregon City, Ore., \$9850; Saxton, Looney & Risley, 324 Henry Bldg., Portland, \$9960; Rogers Construction Co., Dayton, Wash., \$10,420; A. S. Wallace, Roseburg, Ore., \$10,430; H. L. Rice, 2905 SE Pine, Portland, \$10,665; Joplin & Eldon, 3101 N Columbia Blvd., Portland, \$14,050.

LANE COUNTY: Ros Station-Arverd Sec. of Pacific Highway, Federal Aid Project No. 262-A; 2.0 miles Portland cement concrete pavement.

(Continued on Next Page)

COCONINO CO., ARIZ.—HIGHWAY CONSTR.—(State)

COCONINO CO., Arizona.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$207,533.87, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, F.A. 95-B, 1st Reop. (1938), A.F.E. 8972, FL 4-C, Sch. 1 (1938), A.F.E. 8973. The work, which is to begin at Cameron and is to extend northerly about 25.6 miles, consists of subgrading roadway and refinishing slopes, aggregate base course, 90-95 road oil plant mix and one-half mile of asphaltic surface treatment, and is to be completed on or before Oct. 31, 1938.

The work involves:

- (1) 24,610 mi. subgrading roadway and refinishing slopes;
- (2) 124,684 cu. yd. select material;
- (3) 7,900 cu. yd. stripping pits;
- (4) 5,385 M. gals. sprinkling;
- (5) 1,236 hrs. rolling;
- (6) 40,120 tons agg. base course;
- (7) 29 each, corr. metal catch basins;
- (8) 124 ft. 8-in. C.M. pipe;
- (9) 40,350 tons plant-mix (including haul);
- (10) 2,319 tons road oil (90-95) (for plant mix and seal coat);
- (11) 199,286 gal. road oil, SC-2, for prime coat and A S T;

- (12) 24,938 ml. placing plant mix;
- (13) 4,881 tons screenings;
- (14) 29 cu. yd. biotter material (for A S T);
- (15) 320 sq. yds. placing intersections;
- (16) 500 tons stockpiling aggregate base course;
- (17) 650 tons stockpiling plant mix;
- (18) 26 tons cutback asph. (MC-2) (for stockpiled plant mix);
- (19) 100 tons stockpiling screenings.

The total bids were:

- (A) Oswald Bros., Los Angeles—\$207,533.87.
- (B) Tanner Const. Co., El Paso—\$212,409.20.
- (C) Southern Calif. Roads Co., Los Angeles—\$218,204.33.
- (D) Pearson & Dickerson, Prescott—\$228,662.15.
- (E) Heuser & Garnett, Glendale—\$229,832.71.
- (F) Tanner Const. Co., Phoenix—\$236,368.05.
- (G) Olof Nelson, Logan, Utah—\$241,680.22.
- (H) W. E. Hall, Phoenix—\$244,688.58.
- (I) E. L. Yeager and Reliance Truck Co., Phoenix—\$293,160.34.
- (J) Geo. Pollock Co., Sacramento—\$296,992.70.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	250.00	150.00	175.00	710.00	300.00	300.00	350.00	500.00	900.00	500.00
(2)	.30	.30	.28	.346	.35	.25	.32	.32	.39	.40
(3)	.15	.10	.15	.15	.18	1.25	1.14	.15	.05	.10
(4)	1.50	.80	2.00	1.00	2.50	2.00	1.50	1.75	2.70	2.00
(5)	3.00	2.50	2.75	2.80	3.50	3.40	3.00	2.75	3.00	3.75
(6)	.50	.56	.70	.67	.50	.70	.55	.68	.68	.90
(7)	20.00	16.80	16.50	20.00	16.00	17.50	20.00	15.00	26.00	20.00
(8)	2.50	1.10	1.30	1.00	1.00	1.25	1.00	1.50	1.20	1.80
(9)	1.20	1.33	1.25	1.27	1.20	1.55	1.60	1.49	1.37	1.50
(10)	22.00	22.00	23.00	19.07	21.50	23.00	25.00	23.00	23.00	27.00
(11)	.07	.068	.075	.078	.05	.075	.09	.075	1.05	1.10
(12)	175.00	250.00	220.00	225.00	285.00	250.00	200.00	300.00	475.00	450.00
(13)	2.00	2.75	1.80	2.25	3.00	2.80	2.00	2.50	3.55	5.00
(14)	1.50	2.00	1.25	2.25	2.50	1.60	2.00	2.00	3.35	4.00
(15)	.15	.25	.20	.20	.18	.50	.20	.50	.27	.40
(16)	.60	.58	.80	.67	.80	.65	.55	.68	1.10	1.00
(17)	2.00	1.25	1.00	2.25	1.80	1.50	1.60	1.55	1.87	1.60
(18)	25.00	26.00	22.58	26.00	30.00	24.00	26.50	25.00	30.00	30.00
(19)	2.00	2.25	1.80	2.25	5.00	2.50	1.60	2.50	2.00	4.75

Requires approximately 1,650 cu. yds. pit-run gravel base; 3,400 cu. yds. crushed gravel, and 25,650 sq. yds. of Portland cement concrete pavement.

Awarded: Harold Blake, 400 North Thompson; Portland, \$49,087.

Other Bidders: Jacobson - Jensen Co., 517 NE Stanton, Portland, \$50,379; Edlefson-Weyandt Co., N. Fenimore and Columbia Blvd., Portland, \$51,418; Mountain States Construction Co., 12th and Grant, Eugene, Ore., \$51,757; Warren-Northwest Inc., Box 5072, Portland, \$53,115.

UNION COUNTY: Forest Boundary-Elgin Section of Weston-Elgin Secondary Highway. State Project; 3,22 miles grading, surfacing and oiling; also furnishing 1,500 cu. y. crushed rock in stock piles. Requires approximately 49,500 cu. y. excavation; 9,000 cu. y. selected roadbed topping; 5,600 cu. y. crushed rock, and 37,800 sq. yds. oil mat surface treatment.

Awarded: E. H. Itchner, Mollala, Ore., \$43,408.

Other Bidders: Leonard & Slate, Multnomah, Ore., \$55,909; Newport Construction Co., 7031 NE Halsey, Portland, \$57,000; Homer G. Johnson, Imperial Hotel, Portland, \$61,472; George F. Price, Dayton, Wash., \$70,496.

WHEELER COUNTY: Butte Creek Section of John Day Highway. Federal Aid Project No. 4; 2.75 miles of grading, surfacing and oiling; also furnishing of 1,000 cu. y. crushed-rock in stock piles. Requires approx. 46,000 cu. y. excavation; 12,000 cu. y. selected roadbed topping; 2,000 cu. y. salvaged surfacing materials; 3,000 cu. y. crushed rock, and 32,300 sq. yds. oil mat surface treatment.

Awarded: Leonard & Slate, Multnomah, Ore., \$39,094.

Other Bidders: Fisher Bros., Oregon City, Ore., \$40,264; E. H. Itchner, Mollala, Ore., \$41,057; Warren-Northwest Inc., Box 5072, Portland, \$45,716; Harold Blake, 400 N. Thompson, Portland, \$46,896; McNutt Bros., 351 1/2 E. Broadway, Eugene, \$48,297; F. C. Dillard, Medford, Ore., \$52,343.

January 13, 1938

CONTRACTS AWARDED

STATE OF OREGON—The Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, Ore., awarded the following contracts for bridge and highway construction:

Columbia County: Mile Bridge Section of Nehalem Secondary Highway, National Recovery Highway Project No. NRS 213-H (1935); 0.20 mi. grading, surfacing and oiling, and 210 ft. timber, steel and concrete bridge. Requires approximately 6600 cu. yds. excavation; 2400 cu. yds. surfacing materials; 3900 sq. yds. oil mat surface treatment; 305 cu. yds. concrete; 42,000 lbs. metal reinforcement; 193,000 lbs. structural steel; 900 lin. ft. treated piling; 22 MFMB treated lumber, and 440 L.F. metal handrail.

Awarded: Warren Northwest, Inc., Portland, \$39,791.

Other Bidders: Mountain States Construction Co., Eugene, \$40,019; Leonard & Slate, Multnomah, Ore., \$42,468; F. C. Himber Co., Eugene, \$45,051; Joplin & Eldon, 3101 N. Columbia Blvd., Portland, \$46,696; Dolan Construction Co., Tillamook, Ore., \$46,362.

Jackson County: Bear Canyon Section of Pacific Highway. Federal Aid Project No. 190-1; 0.73 mi. grading. Requires approximately 200,000 cu. yds. excavation; 270 cubic yards concrete, and 45,000 lbs. metal reinforcement.

Awarded: Harold Blake, 400 North Thompson, Portland, \$92,614.

Other Bidders: Berke Bros., Inc., Portland, \$94,641; M. L. O'Neill and (Continued on Next Page)

ORANGE COUNTY—GRADING & SURFACING—(State)

ORANGE CO., Cal.—C. O. Sparks & Mundo Engineering Co., 2309 East Olympic Blvd., Los Angeles, at \$42,581.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing 0.9 mile and constructing a reinforced concrete bridge at Oso Creek, Orange Co., Cal.

Work involves:

- (1) 46 sta. clear and grub right of way;
- (2) 500 M. gals. water;
- (3) 710 cu. y. remove existing conc.;
- (4) 1 only remove exist. bridge;
- (5) 17,500 cu. y. rdwy. excav., unclass.
- (6) 21,000 sta. yds. overhaul;
- (7) 160 cu. y. struc. excav.;
- (8) 160 cu. y. ditch and channel excavation;
- (9) 6,500 tons imported subgrade material;
- (10) 46 sta. finishing rdwy.;
- (11) 20 tons liquid asph. SC-2 prime coat,
- (12) 2,550 tons mineral agg. plant-mix surf. (medium curing type);
- (13) 135 tons liquid asphalt ROMC-4 or ROMC-5 plant mix surf. (medium curing type);
- (14) 2,100 sq. yds. asph. paint binder;
- (15) 2,300 tons min. agg. plant mix surf. (slow curing type);
- (16) 120 tons liquid asph. SC-4 plant mix surf. (slow curing type);
- (17) 58,100 lbs. bar reinf. steel;

- (18) 218 cu. y. Class A Portland cement conc. struc.;
- (19) 10 cu. y. do. for railing;
- (20) 60 cu. y. do. for slope paving;
- (21) 50 l.f. 8-in. CMP;
- (22) 60 l.f. 24-in. CMP;
- (23) 60 l.f. 30-in. CMP;
- (24) 5 each spillway assemblies;
- (25) 1 only automatic drainage gate;
- (26) 70 l.f. laminated guard railing;
- (27) 9 each culvert markers;
- (28) 0.2 mile move and reset exist. property fence;
- (29) 1,000 l.f. furnish cast in place piles;
- (30) 25 each driving shells piles;
- (31) 2 each clearance markers.

Total bids follow:

- (A) C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles—\$42,581.50.
- (B) Mojave Corp., Los Nietos—\$42,807.90.
- (C) V. R. Dennis Constr. Co., San Diego—\$43,651.50.
- (D) Sully-Miller Constr. Co., Long Beach—\$44,077.80.
- (E) J. E. Haddock Co., Ltd., Pasadena—\$46,141.00.
- (F) Griffith Co., Los Angeles—\$47,659.50.
- (G) C. R. Butterfield-Kennedy Co., San Pedro—\$53,483.50.
- (H) Claude Fisher Co., Ltd., Los Angeles—\$53,578.00.
- (I) N. Perscalleo, Los Angeles—\$63,096.14.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$10.00	\$ 5.00	\$10.00	\$15.00	\$10.00	\$ 5.00	\$ 5.00	\$ 5.00	\$10.00
(2)	1.25	2.75	1.75	1.50	2.00	2.00	4.00	2.00	4.00
(3)	2.00	1.50	1.25	.85	1.50	1.50	2.00	2.00	4.00
(4)	750.00	400.00	500.00	350.00	390.00	400.00	400.00	500.00	500.00
(5)	.30	.23	.23	.28	.37	.32	.40	.33	.62
(6)	.006	.005	.008	.002	.002	.006	.01	.005	.01
(7)	1.00	1.00	1.00	1.75	1.50	1.50	1.50	1.50	1.25
(8)	.75	1.00	.45	.75	1.00	1.25	1.00	1.00	1.25
(9)	.75	.90	.80	.95	.75	1.05	1.25	1.40	1.00
(10)	6.00	11.00	10.00	15.00	5.00	7.50	10.00	10.00	10.00
(11)	10.00	14.00	10.00	14.00	16.00	12.50	12.50	15.00	18.54
(12)	2.45	2.20	2.60	2.20	2.95	2.6	2.75	3.10	2.96
(13)	12.50	12.00	15.50	12.00	13.00	14.50	14.00	14.00	14.22
(14)	.05	.025	.05	.03	.02	.025	.03	.05	.03
(15)	2.45	2.20	2.50	2.20	2.90	2.60	2.75	3.00	2.96
(16)	10.50	11.00	10.50	11.00	9.00	10.00	10.00	10.00	9.89
(17)	.05	.05	.055	.058	.05	.055	.05	.06	.0528
(18)	20.00	22.30	21.00	24.00	23.50	24.00	25.00	25.00	43.32
(19)	70.00	60.00	65.00	75.00	60.00	60.00	60.00	60.00	133.77
(20)	12.00	15.00	12.50	15.00	16.50	15.00	15.00	21.00	10.80
(21)	.90	1.20	1.00	1.10	1.10	1.00	1.00	1.00	1.00
(22)	2.50	2.75	3.00	3.00	2.90	3.00	2.60	3.00	2.70
(23)	3.00	3.25	4.00	4.00	3.60	4.00	3.50	3.50	3.40
(24)	15.00	20.00	20.00	15.00	16.00	17.00	20.00	15.00	12.00
(25)	15.00	15.00	15.00	15.00	11.00	12.00	10.00	10.00	7.00
(26)	1.25	1.50	1.25	2.25	1.50	1.25	1.50	1.50	2.00
(27)	3.00	3.00	2.50	3.00	2.50	2.50	3.00	3.00	2.50
(28)	400.00	400.00	300.00	500.00	300.00	500.00	350.00	600.00	500.00
(29)	1.20	2.95	2.35	2.65	2.50	2.50	2.75	2.50	2.64
(30)	68.00	43.00	40.00	55.00	23.00	40.00	50.00	50.00	48.00
(31)	3.00	3.00	8.00	10.00	10.00	10.00	12.50	10.00	3.60

Sons, Eugene, \$101,553; Colonial Construction Co., W. 326 1st, Spokane, Wash., \$106,802; Leonard & Slate, Multnomah, Ore., \$107,980; E. C. Hall Co., Eugene, \$113,958; E. L. Gates, P. O. Box 5072, Portland, \$114,111; Jacobsen-Jensen Co., 517 Ne Stanton, Portland, \$115,285; McNutt Bros., Eugene, \$115,647; Clifford Dunn, Klamath Falls, Ore., \$117,693; K. L. Goulter, 2201 E. Newton, Seattle, \$126,915; Kern & Kibbe, 42 SE Salmon, Portland, \$132,625; A. C. Greenwood, 3201 NW Front, Portland, \$142,665; Diesel Oil Sales Co., 2155 Northlake, Seattle, \$143,620; Williams & Douglas, Kallispig, Mont., \$145,695.

Union County: Grand Ronde River-Noyes Ranch Section of Cove Secondary Highway, Federal Aid Secondary Project No. PAS 259-B; 2.66 mi. grading, surfacing and oiling. Requires approximately 12,400 c.y. excavation; 1500 c.y. salvaged surfacing materials; 7200 c.y. selected roadbed topping; and 25,500 sq. yds. oil mat surface treatment.

Awarded: Warren Northwest Inc., Box 5072, Portland, \$13,251.

Other Bidders: Babler Bros., 2407 NW 28th, Portland, \$20,517; Van Cleve & Van Cleve, The Dalles, Ore., \$20,871; Edwin C. Gerber, Oregon City, Ore., \$22,983; Harold Blake, 400 N. Thompson, Portland, \$24,730; Homer G. Johnson, Imperial Hotel, Portland, \$26,988.

Washington County: West Fork Dairy Creek Section of Nehalem Secondary Highway. State project; 0.11 mile grading and surfacing, and 87 feet of composite pile trestle. Requires approximately 2,556 cubic yds. excavation; 700 cubic yards crushed gravel surfacing materials; driving 20 treated piling; 60 cubic yards concrete; 12,000 lbs. metal reinforcement; 20 MFEM treated lumber, and 190 lf. handrail.

Awarded: J. F. Johnston, Newberg, Ore., \$8,330.

Other Bidders: Leonard & Slate, Multnomah, Ore., \$8622; Mountain States Construction Co., 12th and Grant, Eugene, \$8715; Warren-Northwest, Inc., Box 5072, Portland, \$8790; E. F. & W. B. Philpott, McMinnville, Ore., \$8790; F. C. Himber Co., Eugene, \$10,290; Shattuck & Neland, 30 Meikle Place, Portland, \$10,910. * 29

CONTRACT AWARDED

COCONINO CO., Arizona.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$207,533.87, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Predonia Highway, F.A. 95-B, 1st Reop. (1933), A.F.E. 8972, F.L. 4-C, Sch. 1 (1933), A.F.E. 8973. The work, which is to begin at Cameron and is to extend northerly about 25.6 miles, consists of subgrading roadway and refinishing slopes, aggregate base course, 90-95 road oil plant mix and one-half mile of asphaltic surface treatment, and is to be completed on or before October 31, 1938. * 29

CONTRACT AWARDED

LOS ANGELES CO., Calif.—C. O. Sparks & Mundo Engineering Co., 1601 S. Soto St., Los Angeles, at \$122,652.20, awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, for the construction of an undergrade crossing under the tracks of the Union Pacific Railroad Company near Pico, consisting of a steel girder track span on concrete abutments and approximately forty-nine hundredths (49) mile of roadway grading and paving with Portland cement concrete and surfacing with plant-mixed surfacing the shoulders and service road, Los Angeles County. * 29

COLUMBIA Co., Ore.—Levee & Retevment Constr.—(Govt.)

COLUMBIA COUNTY, Ore.—J. A. Terteing & Sons, Boise, Idaho, at \$111,142.24 (Sec. A); Harold Blake, Portland, \$183,820.78 (Sec. B), and S. S. Montague, Portland, at \$62,846.33 (Sec. C) and \$117,519.02 (Sec. D) submitted low bids to the U. S. Engineer Office, Portland, under Bid 698-38-235, for constructing and reconstructing levees, constructing tide boxes, pipe lines, rubble masonry catch basins, drainage ditches, and bank protection revetment in the Clatskanie area, consisting of a portion of Beaver Drainage Dist., Magruder Drainage Dist., Midland Drainage District, Marshland Drainage District, Webb District Improvement Co., Woodson Drainage District, and Westland District Improvement Co., Columbia Co. Work involves:

- SECTION A**
- (1) 184 acres clearing and grubbing;
 - (2) 198 acres stripping;
 - (3) 26,500 c.y. excavation, inspection ditches for hydraulic suction dredge levees;
 - (4) 37,900 c.y. excav., drainage ditch and canal;
 - (5) 7,500 lf. cleaning out Larson Slough (Beaver Dist.);
 - (6) 780 c.y. excav. for tide boxes;
 - (7) 3,820 c.y. struc. excav. for tide boxes;
 - (8) 4,683 c.y. backfill for tide boxes;
 - (9) 1 MFEM creosoted lumber, in place;
 - (10) 0.17 MFEM untreated lumber, in place;
 - (11) 1.82 MFEM untreated tongue & groove sheet piling, in place;
 - (12) 210 lf. creosoted round piling, in place;
 - (13) 1224 lf. untreated round piling, in place;
 - (14) 4100 lf. 18-inch creosoted wood stave pipe, in place;

	(A)	(B)	(C)
(1)	\$250.00	\$250.00	\$.....
(2)	50.00	38.00	.....
(3)	28	32	.....
(4)	28	40	.....
(5)	50	50	.....
(6)	28	50	.....
(7)	28	1.40	.....
(8)	28	60	.....
(9)	150.00	200.00	.....
(10)	150.00	200.00	.....
(11)	150.00	200.00	.....
(12)	1.25	1.20	.....
(13)	1.00	80	.....
(14)	2.50	2.40	.....
(15)	6.00	6.00	.....
(16)	40.00	34.00	.....
(17)	50.00	55.00	.....
(18)	300.00	280.00	.....
(19)	15.00	24.00	.....
(20)	.....	1775	.....
(21)	28	25	2475
(22)	20	40	26
(23)	35	30	26
(24)	12	12	09
(25)	25	12	15
(26)	20	12	17
(27)	200.00	250.00	250.00
(28)	20	43	45
(29)	2.50	2.26	2.23

- (15) 54 lf. 36-in. corr. iron pipe, in place;
- (16) 335.2 c.y. reinf. conc., in place;
- (17) 2 each, 18-in. dia. circular automatic drainage gates, in place;
- (18) 2 each, 535-ft. square do.;
- (19) 50 c.y. rubble masonry, in place;

- SECTION B**
- (20) 3,035,610 c.y. levee embankment, hydraulic suction dredge, in place;
- SECTION C**
- (21) 100,300 c.y. levee embankment bucket dredge, in place;
 - (22) 58,590 c.y. levee embankment, dragline, in place;
 - (23) 40,760 c.y. levee embankment, truck haul, in place;
 - (24) 53,512 c.y. ml. truck overhaul;
 - (25) 12,900 c.y. fill, old borrow pit;
 - (26) 32,000 c.y. removal of old levee;

- SECTION D**
- (27) 4 acres clearing for riprap;
 - (28) 31,895 c.y. bank soping;
 - (29) 45,949 c.y. rock riprap revetment, in place.

Total bids follow:
 (A) J. A. Terteing & Sons, Boise, Idaho; Sec. A, \$111,142.24; Sec. C, \$70,114.44; Sec. D, \$122,051.50.
 (B) Harold Blake, Portland; Sec. A, \$111,601.80; Sec. B, \$183,820.78; Sec. C, \$72,548.44; Sec. D, \$118,559.59.
 (C) S. S. Montague, Portland; Sec. C, \$62,846.33; Sec. D, \$117,819.20.
 (D) Parker - Schram Co., Portland; Sec. C, \$81,050.65.
 (E) Kuckenbergen Const. Co., Portland; Sec. C, \$89,572.06.
 (F) Columbia Contracting Co., Portland; Sec. D, \$131,646.93.
 (G) Contracting Officers' Est., Sec. A, \$106,252.14; Sec. B, \$138,172.50; Sec. C, \$94,306.89; Sec. D, \$150,864.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$175.00
.....	38.25
.....	32.5
.....	56
.....	1.05
.....315
.....59
.....57
.....	105.00
.....	70.09
.....	200.00
.....83
.....52
.....	2.05
.....	6.75
.....	33.75
.....	51.20
.....	310.50
.....	15.75
.....	13942136
.....	3675
.....	3225
.....	575
.....	155
.....	20
.....	1325
.....	84.00
.....	40
.....	2.57
.....	2.9775

30—RESERVOIRS & DAMS

LOW BIDDER

SAN BENITO CO., Cal.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$27,491, submitted low bid to the Pacheco Pass Water District Board of Directors, Bank of America Building, Hollister, for stripping Pacheco Creek dam site and constructing a new road around the east rim of the reservoir site. * 30

CONTRACT AWARDED

HARRINGTON, Lincoln Co., Wash.—Macri Bros., 511 21st N., Seattle,

at \$53,320 submitted low bid and was awarded contract by the Silver Lake Water District, J. W. Dootson, Hodges Bldg., Everett, for the construction of a water distribution system for the Silver Lake District. P W A Docket 1172.

Complete bids follow:
 Macri Bros., 511 21st N. Seattle \$53,320
 D. Coluccio, Seattle 55,686
 R. Mastro, Seattle 56,626
 Davis & White, Marysville 56,969
 Northwest Const. Co., N.W. Seattle 58,900

BIDS WANTED

CENTRAL VALLEY PROJECT.—As previously reported, until Feb. 1, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 767, for the construction of street, driveway and sidewalk grading and surfacing and sewer and water systems for the Government camp at Shasta Dam, Central Valley Project, Calif.

- Work involves:
- (1) 8,000 c.y. excav., common, for streets, drive, and walks;
 - (2) 1,500 c.y. excav., rock, for do;
 - (3) 500 sta. c.y. overhaul;
 - (4) 3,700 c.y. compacting fills;
 - (5) 2,400 c.y. excav., rock, in trenches;
 - (6) 14,670 lf. excav. and backfill in trenches not more than 5 ft. deep for sewer and drainage pipe;
 - (7) 1,530 lf. same more than 5 ft. and not more than 8 ft. deep for sewer and drainage pipe;
 - (8) 10 c.y. excav. common, and backfill of trenches for sewer and drainage pipe, quantities below 8-ft. depth only;
 - (9) 5,800 lf. lay 4-in. sewer pipe, fittings and specials;
 - (10) 7,450 lf. laying 6-in. do;
 - (11) 1,900 lf. laying 8-in. do;
 - (12) 630 lf. laying 10-in. do;
 - (13) 1,770 lf. laying 12-in. do;
 - (14) 140 lf. laying 30-in. dia. corr. metal pipe;
 - (15) 27 grease traps;
 - (16) 32 sewer manholes not more than 5 ft. deep;
 - (17) 19 additional feet constructing sewer manholes, each additional foot over 5 ft. deep;
 - (18) 5,850 lf. excav. and backfill of trenches not more than 2 feet deep for water pipe;
 - (19) 10,630 lf. same, more than two feet deep and not more than 3 ft. deep for water pipe;
 - (20) 5 c.y. excav., common, and backfill of trenches for water pipe, quantities below 3 ft. depth only;
 - (21) 2,820 lf. laying 6-in. dia. water pipe and fittings;
 - (22) 6,900 lf. laying 4-in. do;
 - (23) 500 lf. laying 2-in. do;
 - (24) 1,550 lf. laying 1½-in. do;
 - (25) 1,000 lf. laying 1¼-in. do;
 - (26) 720 lf. laying 1-in. do;
 - (27) 4,000 lf. laying ¾-in. do;
 - (28) installing 7 6-in. gate valves;
 - (29) installing 16 4-in. gate valves;
 - (30) installing 9 2-in. dia. curb stops and service boxes;
 - (31) installing one 1½-in. do;
 - (32) installing 34 1¼-in. do;
 - (33) installing 4 1-in. do;
 - (34) installing 84 ¾-in. do;
 - (35) installing 17 fire hydrants;
 - (36) 1,500 lf. dismantling existing water line;
 - (37) 18,500 lf. placing timber curb boards;
 - (38) 5,000 c.y. furnishing materials and constructing bottom layer of base course of crusher-rock or crushed-gravel surfacing;
 - (39) 3,500 c.y. furnishing materials and constructing top layer of do;
 - (40) 14,500 gals. applying liq. asphalt material, type SC-1A;
 - (41) 21,600 gals. applying do, type 90-95;
 - (42) 1,040 c.y. furnishing, spreading and compacting coarse screenings for armor coat;
 - (43) 400 c.y. furnishing, spreading & compacting fine screenings for armor coat.

Plans and specifications may be obtained from the above office.

30

CLARK CO., NEVADA—Highway Construction—(State)

CLARK CO., Nevada.—Silver State Construction Co., Inc., Fallon, Nev., at \$25,049.84, submitted low bid and was awarded contract by the Nevada State Department of Highways, Heroes Memorial Bldg., Carson City, Nev., for 7.34 miles of highway construction from Jean to Goodsprings, Rt. 53, Sec. A, Clark Co., Nev.

- Work involves:
- (1) 42 acres clearing;
 - (2) 39,402 c.y. rdwy. excav.;
 - (3) 4,250 c.y. drainage excav.;
 - (4) 80 sta. "V" type ditches;
 - (5) 215 c.y. imported borrow;
 - (6) 20,170 yd. sta. overhaul (yd. sta.)
 - (7) 43 yd. m. overhaul (y. m. lb);
 - (8) 950 c.y. structure excavation;
 - (9) 640 c.y. backfill;
 - (10) 7 M. gals. water;
 - (11) 109 c.y. Class B concrete;

- (12) 4,600 lbs. reinf. steel;
- (13) 422 lf. 18-in. corr. metal pipe;
- (14) 844 lf. 20-in. corr. metal pipe;
- (15) 192 lf. 30-in. corr. metal pipe;
- (16) 94 lf. 36-in. corr. metal pipe;
- (17) 800 lbs. castings;
- (18) 42 each monuments;
- (19) 7,335 miles finish roadway.

- Total bids follow:
- (A) Silver State Construction Co., Inc., Fallon, Nev.—\$25,049.84.
 - (B) Young & Son Co., Ltd., Berkeley—\$25,062.52.
 - (C) Nevada Rock & Sand Co., Inc., Reno—\$25,971.01.
 - (D) Dodge Construction Co., Fallon, Nevada—\$26,828.89.
 - (E) J. A. Casson, Hayward, Calif.—\$28,650.10.
 - (F) Isbell Construction Co., Reno—\$29,555.85.

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$20.00	\$20.00	\$10.00	\$25.00	\$50.00	\$25.00
(2).....	.22	.235	.28	.27	.22	.30
(3).....	.30	.25	.30	.50	.50	.35
(4).....	5.00	2.25	5.00	7.50	2.00	5.00
(5).....	.50	.46	.40	.50	.80	.65
(6).....	.01	.005	.02	.02	.01	.02
(7).....	.10	.35	.25	.30	.30	.25
(8).....	1.00	.90	1.25	1.25	1.50	1.50
(9).....	1.00	.50	.60	.75	1.00	.50
(10).....	3.00	4.00	4.00	10.00	5.00	10.00
(11).....	25.00	28.00	28.00	25.00	30.00	32.00
(12).....	.08	.10	.07	.10	.10	.08
(13).....	2.00	1.95	2.50	2.25	2.50	1.00
(14).....	3.00	2.75	3.00	3.00	3.50	3.50
(15).....	4.00	3.45	4.00	3.50	5.00	4.10
(16).....	5.00	5.35	5.50	5.00	7.00	6.30
(17).....	.20	.20	.15	.15	.30	.12
(18).....	4.00	3.00	3.00	3.50	3.00	4.00
(19).....	400.00	450.00	200.00	150.00	250.00	300.00

MARIPOSA & YAVAPAI COS., Ariz.—Hwy. Cons.—(State)

MARICOPA and Yavapai Counties, Ariz.—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, Ariz., at \$55,951.25 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of Agulia-Congress Junction Highway, FAS-1-A (1938) AFE 7103. The work, which begins at the Maricopa-Yavapai Co. line, approximately six miles NE of Agulia, and extends NE for approximately 7½ miles, consists of grading and draining the roadway, and is to be completed on or before June 30, 1938.

- Work involves:
- (1) 1,488 c.y. rdwy. excav., unclass.;
 - (2) 6,771 c.y. drainage do;
 - (3) 1,555 c.y. struc. do;
 - (4) 5,079 sta. yd. sta. yd. overhaul;
 - (5) 2,067 c.y. m. curb yard m. haul
 - (6) 49,805 c.y. imported borrow, CIP
 - (7) 29,163 c.y. select material, CIP;
 - (8) 1,020 m. gals. sprinkling, CIP;
 - (9) 645 hours rolling;
 - (10) 931 c.y. Class A conc., inc. cement;
 - (11) 97,690 lbs. reinf. steel bars, CIP;
 - (12) 654 lf. 18-inch CMP (CIP exc. excav.);
 - (13) 56 lf. 24-in. do;
 - (14) 96 lf. 30-in. do;
 - (15) 206 lf. 36-in. do;
 - (16) 300 c.y. plain riprap (CIP);

- (17) 68 each guide posts (CIP);
- (18) 38 each r/w markers (type A) (CIP).

- Total bids follow:
- (A) Pearson & Dickerson Contrs., Inc. Tilton Bldg., Prescott, \$55,951.25.
 - (B) Tanner Const. Co., Phoenix, \$57,616.25.
 - (C) W. E. Hall Const. Co., Phoenix, \$57,868.60.
 - (D) Lee Moor Contr. Co., El Paso, \$59,538.26.
 - (E) Reliance Truck Co., Phoenix, \$59,916.86.
 - (F) W. J. Hodgman, Contr., Phoenix, \$60,714.62.
 - (G) Oswald Bros., Los Angeles, \$62,600.84.
 - (H) Southern Calif. Roads Co., Los Angeles, \$62,806.36.
 - (I) Tiffany Const. Co., Phoenix, \$65,106.76.
 - (J) Phoenix-Tempe Stone Co., Phoenix, \$65,198.96.
 - (K) W. E. Orr, Contr., Prescott, Ariz. \$70,398.50.
 - (L) Skousen Bros., Contrs., Albuquerque, N. M., \$67,969.42.
 - (M) Fisher Contr. Co., Phoenix, \$69,553.15.
 - (N) Gunther & Shirley, Contrs., Los Angeles, \$92,914.95.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$.285	\$.30	\$.29	\$.25	\$.50	\$.20	\$.30	\$.55	\$.40	\$.50	\$.75	\$.40	\$.30	\$ 1.00
(2)	.285	.16	.23	.25	.25	.20	.35	.30	.16	.45	.20	.30	.90	
(3)	.75	.70	.75	1.00	.75	.60	.75	.70	.80	.85	.80	.75	1.00	1.00
(4)	.025	.015	.03	.02	.03	.02	.02	.04	.025	.03	.03	.02	.02	.05
(5)	.25	.25	.15	.35	.25	.30	.20	.15	.20	.30	.40	.10	.20	
(6)	.30	.30	.32	.30	.29	.35	.31	.32	.36	.35	.37	.40	.35	.55
(7)	.35	.35	.35	.36	.33	.37	.37	.35	.40	.40	.41	.45	.39	.55
(8)	1.40	1.50	1.75	2.25	2.00	2.00	2.25	2.50	2.60	2.00	2.50	2.50	2.75	3.00
(9)	2.75	2.50	2.75	3.00	3.00	2.75	3.00	2.50	3.00	2.50	3.00	2.75	3.00	3.00
(10)	17.00	18.50	17.50	18.00	20.00	18.50	20.00	21.00	18.50	21.00	22.00	19.00	23.50	25.00
(11)	.045	.05	.045	.05	.05	.045	.05	.05	.05	.05	.05	.05	.055	.07
(12)	1.55	2.00	1.60	1.65	2.00	1.75	1.60	1.80	1.50	1.70	1.80	1.50	2.10	2.00
(13)	2.40	2.75	2.50	2.40	2.75	3.00	2.75	2.50	2.70	2.60	3.00	2.60	3.00	3.00
(14)	3.00	3.50	3.00	3.15	4.00	3.75	3.25	3.10	3.50	3.25	3.50	3.20	4.50	3.50
(15)	4.50	5.50	4.75	4.90	5.00	6.00	5.00	5.50	5.00	5.00	5.00	5.00	5.50	5.50
(16)	2.00	2.50	3.00	3.25	3.00	2.00	4.00	2.50	3.00	3.00	3.00	3.00	3.00	4.50
(17)	1.75	2.50	1.75	2.00	2.50	2.50	2.50	2.25	2.00	2.50	3.00	3.00	3.00	3.00
(18)	2.25	2.50	2.50	2.50	2.50	2.50	2.25	2.50	2.50	2.50	3.00	3.00	3.00	3.00

BIDS OPENED

GRAND COULEE DAM, Wash.—Western Pipe & Steel Co. of Calif., 444 Market St., San Francisco, at

\$1,456,824 (Sched. 2), submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 760, for furnishing and erecting steel penstocks and pump inlet pipes for the Grand Coulee Dam, Columbia Basin Project, Wash.

Complete bids follow:

Western Pipe & Steel Co. of Calif., 444 Market St., San Francisco, Sched. 2: \$1,456,824.

The Babcock & Wilcox Co., New York, \$1,903,716 (Sch. 1); \$1,671,682 (Sch. 2).

Consolidated Steel Corp., Ltd., Los Angeles, (Sch. 1) \$3,358,545; (Sch. 2) \$4,231,125. * 30

31—PIPE LINES & WELLS

BIDS WANTED

JUNCTION CITY, Ore.—Until Jan. 24, 7:30 p.m., bids will be received by

the Junction City City Council (Mabel Hansen, City Recorder), for drilling wells and installing pipe, valves, boxes and hydrants.

Work involves:

SECTION 1: Drill wells: 6-in. or 8-in. diameter and 150 ft. to 300 ft. deep. SECTION A: Cast-iron pipe: 1950 ft. of 8-in.; 9000 ft. of 6-in.; 100 ft. of 4-in. Galvanized Iron Pipe: 6500 ft. of 2-in.; 50 feet of 3-in.; 50 feet of 2½-in.; 100 feet of 1½-in.; 200 feet of 1¼-in.; 200 ft. of 1-in.; 500 ft. of ¾-in.; 12,000 lbs. bell and spigot cast-iron fittings; 50 gate valves of various sizes; 30 cast-iron valve boxes; 7 fire hydrants; 200 feet of 1-inch copper tubing; 2500 feet of ¾-in. copper tubing.

Plans and specifications may be obtained from Baar & Cunningham, 414 Spaulding Bldg., Portland, Ore. * 31

34—PARKS AND PLAY GROUNDS

BIDS WANTED

SAN FRANCISCO.—Until Feb. 2 bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for landscaping, etc., at the United States Mint, DuBoce and Market Sts., San Francisco. (8946) * 34

BIDS WANTED

NEWBERG, Ore.—Until Feb. 3rd, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Newberg.

Drawings and specifications may be obtained from the above office and from the Custodian of the building at Newberg. * 34

SAN DIEGO COUNTY—BRIDGE CONSTRUCTION—(State)

SAN DIEGO CO., Cal.—M. H. Golden, 531 Bank of America Bldg., San Diego, at \$38,553.10 (Alternate B), submitted low bid to the State Division of Highways, State Highway Engineer, 1365 Harbor Blvd., San Diego, for the construction of a reinforced concrete slab bridge across Sweet Water River between National City and Chula Vista on Highland Avenue, consisting of eighteen 22-ft. 0-in. spans and two 7-ft. 6-in. spans on cast-in-place concrete pile bents, San Diego County.

Work involves:

- (1) Exist. bridge removed and disposed of;
- (2) 1,300 c.y. roadway excav., without class;
- (3) 300 c.y. struc. excav.;
- (4) 5,500 c.y. imported borrow;
- (5) 200,000 lbs. bar reinf. steel;
- (6) 790 c.y. Class A portland cement

concrete struc.;

- (7) 7,500 lbs. misc. steel;
- (8) 874 l.f. solid timber railing;
- (9) 145 c.y. class A portland cement concrete slope paving and cut-off walls;
- (10) 1 lot misc. items of work;

**ALTERNATIVE ITEMS
Alternative "A"**

- (11) 4,150 l.f. furnish concrete piles cast in place, type not requiring mandrel;
- (12) 93 each, driving steel shells, type not requiring mandrel;
- (13) 4,180 l.f. furnish concrete piles cast in place, mandrel type;

- (14) 93 each, driving steel shells, mandrel type.

Total bids follow:

(A) M. H. Golden, 531 Bank of Am. Bldg., San Diego—Alternate B, \$38,553.11.

(B) V. R. Dennis Constr. Co., San Diego—Alternate A, \$39,729.60.

(C) B. G. Carroll, San Diego—Alternate B, \$42,255.90.

(D) B. O. Larsen, San Diego—Alternate B, \$43,826.00.

(E) F. A. Cummings, San Diego—Alternate B, \$44,242.00.

(F) Contracting Engineers, Inc., Los Angeles—Alternate B, \$45,696.80.

(G) Byerts & Dunn, Los Angeles—Alternate B, \$46,861.00.

(H) Griffith Co., Los Angeles—Alternate A, \$47,044.60; Alt. B, \$46,556.60.

(I) Gibbons & Reed Co., Burbank—Alternate B, \$47,232.40.

(J) John Sirona, Pomona—Alternate A, \$48,754.30; Alt. B, \$50,326.10.

(K) Werner & Webb, Los Angeles—Alternate A, \$50,755; Alt. B, \$50,755.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$ 500.00	\$1500.00	\$1500.00	\$1600.00	\$1000.00	\$ 800.00	\$1500.00	\$1200.00	\$1200.00	\$1000.00	\$1800.00
(2).....	.50	.20	.45	1.00	.50	.40	.50	.30	.40	.25	.50
(3).....	1.25	7.0	1.00	2.00	1.50	1.20	1.50	1.50	1.25	1.65	1.50
(4).....	.64	.30	.42	1.00	.50	.55	.65	.52	.45	.40	.50
(5).....	.05	.05	.05	.05	.05	.053	.05	.05	.054	.05	.055
(6).....	13.73	15.50	18.65	15.00	18.75	18.00	18.00	21.50	20.25	23.15	23.10
(7).....	.15	.17	.18	.15	.18	.11	.20	.18	.24	.20	.25
(8).....	1.68	1.65	1.60	1.00	1.50	2.20	1.50	1.65	1.85	2.00	1.50
(9).....	11.04	11.50	12.00	16.00	12.30	23.00	15.00	15.50	14.00	13.00	10.00
(10).....	500.00	1000.00	300.00	1000.00	400.00	1400.00	3000.00	850.00	800.00	3000.00	1000.00
(11).....	.....	1.25	.....	.....	.....	.....	.....	1.35	.....	1.21	.....
(12).....	.....	35.00	.....	.....	.....	.....	.....	39.00	.....	35.00	20.00
(13).....	1.12	.....	1.10	1.15	1.35	1.30	1.25	1.30	1.50	1.19	2.00
(14).....	35.33	.....	37.00	40.00	44.00	35.00	35.00	36.00	36.00	52.80	20.00

SAN BENITO CO.—Stripping Dam Site & Road Const.—Dist.

SAN BENITO CO., Cal.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$27,491, submitted low bid to the Pacheco Pass Water District Board of Directors, Bank of America Bldg., Hollister, for stripping Pacheco Creek dam site and constructing a new road around the east rim of the reservoir site. Harold Wood, Supervising Field Engineer.

Work involves:

- (1) 45,000 yds. stripping;
- (2) 4,500 yds. outlet trench excav.;
- (3) 369 c.y. concrete;
- (4) 500 l.f. 6-in. steel pipe;
- (5) 400 lbs. reinf. steel;

- (6) 3,500 lbs. structural steel;
- (7) 120 sta. roadway excav.;
- (8) One engineer's field office;
- (9) Premium on 50% surety; 100% performance bond.

Total bids follow:

(A) Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland—\$27,491.

(B) Minnis & Moody, Los Angeles—\$33,520.00.

(C) Fredericksen & Westbrook, Lower Lake—\$34,900.00.

(D) Contracting Engineering Co.—\$36,830.00.

(E) Werner & Webb, Los Angeles—\$37,505.00.

(F) Valley Construction Co., San Jose—\$39,880.00.

(G) Granfield-Farrar & Carlin, San Francisco—\$41,440.00.

(H) Earle W. Heple, San Jose—\$42,075.00.

(I) A. Teichert & Son, Inc., Sacramento—\$43,755.00.

(J) Macco Construction Co., Clearwater—\$45,920.00.

(K) Morrison Knudsen Co., Inc.—\$59,810.00.

(L) Case Construction Co., Inc., Alhambra—\$71,225.00.

(M) Engineer's Estimate—\$33,800.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1).....	\$ 0.175	\$ 0.22	\$ 0.25	\$ 0.28	\$ 0.275	\$ 0.50	\$ 0.36	\$ 0.40	\$ 0.39	\$ 0.35	\$ 0.63	\$ 0.75	\$ 0.25
(2).....	.75	.80	1.00	.66	.80	1.00	1.70	1.00	2.15	2.00	2.50	3.50	8.00
(3).....	19.50	22.00	25.00	18.00	20.00	8.00	17.00	25.00	16.00	20.00	25.00	25.00	16.00
(4).....	.792	9.35	8.00	8.70	8.50	8.00	12.00	9.00	9.50	10.00	10.50	10.00	9.00
(5).....	.0612	.07	.07	.063	.66	.06	.06	.06	.07	.06	.07	.06	.08
(6).....	.10	.20	.10	.12	.18	.08	.10	.15	.12	.12	.16	.15	.10
(7).....	15.00	26.50	15.00	50.00	50.00	19.00	15.00	20.00	15.00	40.00	12.50	25.00	50.00
(8).....	250.00	250.00	600.00	400.00	250.00	500.00	300.00	300.00	350.00	750.00	500.00	600.00	500.00
(9).....	413.00	495.00	600.00	550.00	560.00	540.00	620.00	450.00	650.00	600.00	600.00	1200.00	340.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

JANUARY 18, 10 A. M.:

BID NO. 4881: Furnishing and delivering 3000 gals. fuel oil; fob 1155 Page St., San Francisco;

BI DNO. 4882: 10,000 tons crushed rock, 10,000 tons gravel and 5,000 tons sand; fob WPA projects jobsites within city limits of San Francisco;

BID NO. 4883: 37,000 sacks of Portland cement; fob cars at mill and/or Oakland, Alameda, San Leandro, Piedmont, Emeryville, Berkeley, Albany and/or El Cerrito;

BID NO. 4884: 18,000 tons of crushed rock or gravel, 550 tons sand and 4,496 tons concrete mix; fob WPA jobsites within limits of Oakland, Alameda, San Leandro, Piedmont, Emeryville, Berkeley, Albany and/or El Cerrito.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 2484: 60,000 lbs. pulverized silica for Norfolk; 30,000 lbs. do, Mare Island; Jan. 18.

SCH. 2486: 23 packs gold leaf for Seawall's Point; 10 packs do, for Mare Island; Jan. 18.

SCH. 2489: 2000 lbs. aluminum stearate for Norfolk; 6400 lbs. do for Mare Island; Jan. 18.

SCH. 2494: 1,000,000 lbs. dry zinc oxide for Norfolk; 70,000 lbs. do, Mare Island; Jan. 18.

SCH. 2505: 16 ventilating fans and 16 sets spares for Mare Island; January 21.

SCH. 2492: 9100 lbs. yellow beeswax for eastern yards; 1500 lbs. do for western yards; Jan. 18.

SCH. 2496: 5000 gals. pine oil for Norfolk; 30,000 lbs. lump rosin for eastern yards; 11,000 lbs. do for Mare Island; 150,000 lbs. do for Norfolk; 90,000 lbs. do for Mare Island; 160 gals. pine tar for Portsmouth and Sewalls Pt.; 300 gals. do for Mare Island and San Diego; 9260 gals. turpentine for eastern yards; 8750 gals. do for western yards; January 18.

SCH. 2498: 20,000 lbs. carnauba wax for Norfolk; 20,000 lbs. do for Mare Island; 10,000 lbs. yellow ceresin wax for Norfolk; 20,000 lbs. do for Mare Island; Jan. 18.

SCH. 2482: 8 glass dome doors for Mare Island; January 14.

SCH. 2543: 12 fire extinguishing systems, carbon dioxide and spares for eastern yards and Puget Sound; January 25.

SCH. 2504: Motor - driven milling machine and equipment for San Diego; January 18.

SCH. 2469: Universal testing machine for Puget Sound; January 14.

SCH. 2525: Motor - driven milling machine for San Pedro; Jan. 21.

SCH. 2533: 5250 gals. technical benzol for eastern yards; 2700 gals.

do for Mare Island; January 25.
SCH. 2511: 123,800 lbs. boiler compound for eastern and western yards; Jan. 25.

SCH. 2514: 10,180 galv. iron buckets for eastern yards; 9032 do for western yards; January 25.

SCH. 2490: 2060 qts. nitro - cellulose lacquer and 6500 qts. thinner for eastern and western yards; Jan. 18.

SCH. 2567: Amosite-asbestos insulating felt for eastern yards and Puget Sound; January 25.

SCH. 2516: Cement, rubber and cement compound for eastern and western yards; January 25.

SCH. 2531: Denatured and ethyl alcohol for eastern and western yards January 25.

SCH. 2523: Cresol solution for eastern and western yards; Jan. 25.

SCH. 2521: 100,000 lbs. sweeping compound for eastern and western yards; Jan. 25.

SCH. 2526: One portable wood shaper for San Diego; Jan. 21.

SCH. 2508: Admiralty metal condenser tubes for Norfolk, Mare Island and eastern and western yards; January 18.

SCH. 2512: 154,000 lbs. calcium-chloride for eastern and western yds.; January 25.

SCH. 2527: Motor - driven band saw for San Diego; January 21.

SCH. 2522: Motor - driven wood turning lathe for San Diego; Jan. 21.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

January 18, 2:00 P. M.

BID NO. 5414—Paper fastening machines; f.o.b. Government Island.

BID NO. 5415—Alarm clocks; f.o.b. Government Island.

January 19, 2:00 P. M.

BID NO. 5387—Purchase of new Velvetch (or equal) bi-metallic clutch facings, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Redding, Cal.

January 26, 2:00 P. M.

BID NO. 5416—Aluminum holders or binders; f.o.b. Government Island.

BID NO. 5417—Loose leaf photo albums; f.o.b. Government Island.

BID NO. 5418—White index cards; f.o.b. Government Island.

BID NO. 5419—Lead pencils; f.o.b. Government Island.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials as follows:

JANUARY 20, 2 P. M.:

BID NO. 5412: 50 gallons fire extinguisher fluid; fob Government Island;

BID NO. 5413: 500 clearance lamps; fob Government Island.

JANUARY 21, 2 P. M.:

BID NO. 5386: Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Glendale. *

GOVERNMENT ISLAND, Calif.—Until Jan. 19, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5389, for the purchase of new Schramm (or equal) compressor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Redding, Calif.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Jan. 20, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-171, for furnishing ship spikes, deck plugs, bits, glasses, washers, belting and light cord; f.o.b. Rio Vista, Calif.

FORT MASON, Cal.—Until Jan. 24, 11 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-199, for 2200 tube hole caps and one taper cutting tool; f.o.b. Dock No. 3, Fort Mason, San Francisco.

SAN FRANCISCO.—Until Jan. 18, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-84, for furnishing 5534 M. ft. BM No. 1 common Douglas Fir lumber, fob Fort Cronkhite, Marin County.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

January 19, 10 A. M.

BID NO. 4911—No. 2 common Douglas fir of various sizes; f.o.b. Havelock and Edna Streets, San Francisco.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Jan. 18 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 36273, Req. No. 12552, for one 6-ton 3-wheeled road roller; fob Fruitvale, Oakland.

CANAL ZONE

PANAMA CANAL.—Until Jan. 20, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3316, for furnishing main pumping machinery and auxiliary equipment for installation in new Relay barge; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

U. S. P.
PA.
San Francisco
Permit No. 1

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Low Bids Total \$182,233
on Three State Jobs



Azevedo Bids \$197,300 on Fair Additions



**Building Permits, Advance Reports
of Building and Engineering
Projects**

**ON THE
JOB
IN
WESTERN CONSTRUCTION**

**GOLDEN
GATE**

TRUE PORTLAND CEMENT



PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JANUARY 22, 1938

No. 4

AZVEDO LOW ON ADDITIONS AT STATE FAIR

Sacramento Firm Submits \$197,300 Low General Bid On Combined Schedule

SACRAMENTO, Jan. 18.—Azvedo Construction Co., 920 O street, Sacramento, today submitted a low general bid of \$197,300 to State for construction of additions to the grandstand and administration building at Agricultural Park, the State fair grounds here.

Second and third low general bidders, respectively, were Campbell Construction Co., Sacramento, at \$197,472; and Carl N. Swenson Co., San Jose, at \$198,000.

For electric work, Commercial Electric Co., 616 West Ninth street, Los Angeles, submitted a low proposal of \$13,498. Rex Moore, Sacramento, at \$14,775, and Reliable Elevator Works at \$15,210 were second and third low bidders on this portion of the work.

Mechanical work

Hateley & Hateley, 1714 Tenth street, Sacramento, submitted a low bid of \$11,366 for plumbing and mechanical work. Second and third low bidders on this contract were J. J. McDermott, Sacramento, at \$11,400; and M. R. Carpenter, Sacramento, at \$12,055.

Hateley & Hateley likewise were low bidders for heating and air conditioning. The firm's low proposal on the contract amounted to \$13,121.

Second and third low bidders for heating and air conditioning were M. R. Carpenter at \$13,139, and J. J. McDermott at \$13,345.

Shipments of domestic pumps and cylinders during the first 11 months of 1937 amounted to \$2,755,635, a slight increase over the shipments amounting to 2,461,749 for the same period in 1936, the Bureau of Census reports.

Orders for oil storage tanks during the first ten months of 1937 amounted to 114,984 short tons, as compared to orders totaling 84,414 short tons for the same period in 1936, according to the Bureau of Census.

LICENSE BOARD MEETING CALLED

SACRAMENTO, Jan. 19.—California's State Contractors' License Board will meet in Bakersfield on January 28 and 29, according to Registrar Earl S. Anderson, who stated that the meeting has been called by Chairman Roy M. Butcher, electrical contractor of San Jose.

According to the Registrar, executive officer of the Board, the meeting is the regular quarterly session of the Board and business will be routine in nature.

SPEED LAYING OF TIES FOR BRIDGE RAILS

Ties for the final eastbound main tracks in the East Bay Yard for the San Francisco-Oakland Bay Bridge railway facilities have been placed, it was announced by Chief Engineer C. H. Purcell in a progress report filed yesterday with Earl Lee Kelly, State Director of Public Works. Ties for the westbound main tracks in the yard have been laid as far west as the Toll Plaza by Bates & Rogers Construction Corp., contractors.

Meanwhile, on the bridge proper all ties have been placed in Spans E-3 to E-8 and E-11 to E-21 inclusive, for which the Pacific Bridge Company is the contractor.

All pile driving for the Terminal has been completed and the concrete basement slab has been finished for the center and west units and is 50 per cent completed in the east unit by the contractors, MacDonald & Kahn, Inc, Mr. Purcell said. The first floor concrete slab is also finished in the center unit with the mezzanine floor slab at this point approximately 75 per cent completed. First floor concrete slab for the west unit is half finished.

STATE RECEIVES BIDS FOR THREE SPAN CONTRACTS

Hemstreet & Bell, E. G. Perham, Earle W. Heple Bid Bridges

SACRAMENTO, Jan. 19.—Low bids aggregating \$182,233.90 today were received by the State Division of Highways on three bridge construction projects in Merced, Santa Cruz and Del Norte counties.

Hemstreet and Bell, Marysville, at \$132,154, submitted the low bid on the largest contract. The work involves construction of a reinforced concrete slab bridge and grading and applying seal coat to about two miles of highway between Wilson Creek and Last Chance Slide in Del Norte county.

The second lowest bidder was Poulos and McEwen, Sacramento, at \$142,297. Other bidders included: Williams and Douglas, \$146,912.50; Mercer-Fraser Co., \$160,653.50; United Concrete Pipe Corp. \$163,772; Fredericksen and Westbrook, \$164,335; McNutt Brothers, \$167,721.50, and N. M. Ball Sons, \$167,772.50.

Timber Bridges

Low bidder on the second largest job for which bids were opened today was E. G. Perham, Los Angeles. He bid \$25,628.20 on a contract for construction of 7 timber bridges on timber pile bents and a corrugated metal pipe culvert at points about ten to sixteen miles southeast of Merced in Merced Co.

M. A. Jenkins, Sacramento, at \$27,836.80 submitted the second lowest bid. Other bidders included: Earle W. Heple, \$28,346.50; Rexroth & Rexroth, \$28,346.50; Palo Alto Road Materials Co., \$28,708; C. B. Cameron and Son, \$28,848.36; F. Kaus, \$29,504.90; J. S. Metzger and Son, \$29,941.20; Frank Legg, \$32,270.25; A. Soda and Son, \$32,270.25; N. M. Ball Sons, \$33,215.65; B. A. Howkins Co., \$33,565; John Rocca, \$35,174.80, and Bundesen & Lauritzen and Delta Dredging Co., \$35,946.50.

Low bidder on the job was Earle W. Heple, at \$24,851.90. Granite Construction Co., at \$25,749.50 submitted the second lowest bid.

A.G.C. URGES IMMEDIATE ACTION TO AVERT CUT IN HIGHWAY FUNDS

Every effort to avert the proposed reduction or elimination of federal assistance for highway projects must be made immediately. The present and future fate of highway construction hangs in the balance.

With this message, Secretary-Manager Floyd O. Booe of the Northern California Chapter, A.G.C., yesterday urged everyone interested in any way in highway work—contractors, material dealers and manufacturers, equipment firms, engineers, highway users—to throw their full strength behind the drive to block the proposed reduction.

A virtual "stop-order" in the form of a request from Secretary of Agriculture Henry A. Wallace that no action be taken toward construction of projects planned under the 1939 Federal aid and grade crossing apportionment has made the situation acute.

California Projects

In California alone, projects to cost an estimated \$13,618,000 are being delayed as a result of this communication, sent by Secretary Wallace to governors of the various states.

"Every interested organization—union labor, civic bodies, trade associations—should send communications immediately to their Senators and Representatives voicing their opposition to this proposed reduction," Mr. Booe declared.

"Should the reduction go thru," he said, "it will mean the California highway program will be reduced by one-third for the balance of the current biennium."

Hearings on the administration proposal are scheduled to start before a House committee January 25.

Work by Districts

The Northern and Southern California A.G.C. chapters are filing with each Congressman complete data on the projects in his congressional district which at present are tied-up or delayed by Secretary Wallace's request. Estimated cost of work programmed in California congressional districts (to be financed by state and federal-aid funds) is as follows:

Northern California—District I, \$1,175,000; District II, \$882,998; District III, \$140,000; Districts VI and VII, \$1,153,200; District VIII, \$2,049,300; District IX, \$1,984,000; District X, \$1,698,000.

Southern California — Districts XI to XVIII inclusive, in Los Angeles county, \$3,254,600; District XIX, \$1,118,290; District XX, \$303,300.

Note From Wallace

The communication from Secretary Wallace read as follows:

"In accordance with the provisions of the Federal Highway Act, I have apportioned among the several States the amounts authorized to be apportioned for Federal Aid highways and grade crossings for the fiscal year 1939, and there is

OAKLAND NAVAL SUPPLY DEPOT SITE APPROVED

The Senate Naval Affairs Committee yesterday approved the middle harbor of Oakland as the site of a proposed \$15,000,000 naval supply depot, according to advices from Washington.

Following approval of the project, Chairman David I. Walsh of the Committee asked the House Naval Affairs Committee that the authorization for the depot be placed in the proposed omnibus public works bill for the new Navy building program.

Early hearings on the omnibus bill are anticipated in the House, it was announced, with inclusion of the Oakland project expected.

Action towards establishment of a naval supply depot on San Francisco Bay has long been in progress.

Several sites have been offered. In 1936, Oakland citizens voted to deed the middle harbor site to the Navy for the purpose of constructing a naval supply depot. Senate approval of the site was withheld last year pending a visit to the site by Chairman Walsh.

enclosed a copy of such apportionment.

"I am directed by the President, however, to invite your attention to the recommendation regarding highway authorizations which he made in a special message to the Congress under date of November 27, 1937, in which message he recommended the cancellation of the 1939 authorizations.

"While no action was taken on this recommendation during the Special Session of Congress, the President desires that Congress be afforded, prior to the approval of any projects under the 1939 apportionment, a further opportunity to give consideration to his recommendation for the cancellation of the 1939 authorizations. He will appreciate, therefore, your cooperation and that of your State Highway Department in deferring the submission of projects under the 1939 apportionment until this matter has received the further consideration of Congress.

"Sincerely yours,

"H. A. WALLACE,
Secretary."

A.G.C. TO HOLD MEET FEB. 7 IN WASHINGTON, D.C.

Factors Retarding Construction Industry To Be Discussed By Association

Recovery from the recession in industrial and business prosperity will not come until the construction industry has resumed its advance toward a normal market. E. J. Harding, managing director of the Associated General Contractors of America, said last week in announcing the 19th annual convention of the association, which will be held in Washington the week of February 7.

"The association will hold its convention in Washington to discuss the many factors which are retarding construction prosperity at the present time," Mr. Harding said, "and will make recommendations and draw up a plan of campaign for accomplishing them."

Chief among the factors which are delaying the resumption of construction activity, the association states, is the undistributed profits tax provision of the Revenue Act of 1936. The Associated General Contractors of America expressed its belief that this measure would handicap private construction when the measure was first enacted, and sponsored a bill in Congress to relieve industries from the burden of the tax as it affects their expenditures for new construction.

"We know that industrial concerns need to expand and modernize their plants," Harding said, "and they cannot carry out programs which would mean many hundreds of millions of dollars invested in construction, because the undistributed profits tax places such a high penalty on such expenditures. The tax runs as high as twenty-seven per cent, and in the case of the smaller industrial concerns, such a tax is prohibitive."

"When the Administration's plans for a restoration of prosperity through private activity, which would stimulate the heavy goods industries, were announced last fall, the association immediately pointed to this chief stumbling-block in the way of such activity, and urged that prompt action by the special session of Congress be taken on the amendment of the undistributed profits tax," Harding continued.

"While no action was taken by the special session, indications were that the measure would be one of the first to be brought before the regular session. However, reports now indicate that the revision may not be considered for many months, and in the meantime the construction industry remains in the doldrums, and all other industries with it.

More than 1400 workmen are now building the 1939 Golden Gate International Exposition.

Unseasonal New York Permit Gain Lifts December U. S. Total 70% Above November

A sharp rise in the New York building permit total for December, occasioned by the rush to file permits before the new city building code went into effect, raised the December building permit total for the country well above the November figure, according to the monthly survey issued by Dun and Bradstreet, Inc.

Permit values for 215 cities of the United States for December amounted to \$118,763,851, as compared to \$69,567,549 in November, and \$83,557,063 for December, 1936. This represented respective increases of 70.7 and 42.1 per cent.

The New York City total rose from \$19,388,948 in November to \$74,818,104 in December, which contrasted with only \$16,363,201 in December last year. The 214 cities outside of New York accounted for only \$43,945,747 last month, a drop of 12.4 per cent from the November figure of \$50,178,601, and a decline of 34.6 per cent from the \$67,193,862 recorded in the like month a year ago.

Group total of building permit values for 215 cities for December this year and last, are shown in the following table:

Groups	Dec., 1937	Dec., 1936
New Eng.	\$ 5,969,960	\$ 7,253,198
Mid. Atlantic...	80,726,490	22,399,712
So. Atlantic...	5,082,384	7,727,746
East Central...	7,657,851	17,016,511
South Central...	6,579,685	10,299,696
West Central...	2,905,569	3,216,717
Mountain	1,244,781	1,243,705
Pacific	8,597,131	13,859,778
Total U. S.	\$118,763,851	\$83,557,063
N. Y. City	\$ 74,818,104	\$16,363,201
Outside N.Y.C. ..	\$ 43,945,747	\$67,193,862

The building permit totals for the 215 cities for December and the twelve months of the past 11 years follow:

	December	12 Months
1937.....	\$118,763,851	\$1,130,624,471
1936.....	83,557,063	980,496,615
1935.....	62,992,039	596,686,708
1934.....	21,125,723	348,390,747
1933.....	24,915,270	313,676,276
1932.....	23,279,690	399,288,930
1931.....	47,582,216	1,158,963,273
1930.....	109,105,240	1,671,403,078
1929.....	123,498,929	2,913,131,600
1928.....	217,436,810	3,304,507,091
1927.....	253,607,296	3,419,479,046

Leading Cities

The following table compares the permit value totals at twenty leading cities for the calendar years 1937 and 1936:

	—Twelve Months—	
	1937	1936
New York City	\$305,857,854	\$211,880,768
Los Angeles.....	63,170,944	62,653,541
Detroit	52,909,940	43,169,099
Washington...	31,168,515	31,553,390
Philadelphia ..	30,881,720	20,907,010
Chicago	28,806,443	19,027,532
Boston	21,434,997	11,809,103
San Francisco..	20,245,440	19,927,148
Houston	18,684,535	18,507,705
Cincinnati ..	18,203,110	19,921,120
Baltimore	16,752,190	16,871,744
Miami, Fla.	14,003,604	12,614,824
Milwaukee	12,093,861	12,343,724
Cleveland	11,125,000	14,994,700
Miami Beach ..	10,809,508	12,526,107
Denver	8,887,392	8,337,479
Portland	8,671,285	6,775,650
St. Louis	8,650,358	8,018,230
Pittsburgh	8,591,379	7,483,695
Oakland	8,396,093	8,688,815

CLIFFORD WILL HEAD NORTHERN A.G.C. CHAPTER

**Board Elects S. F. Contractor
President; Ben. C. Gerwick
Is Named Vice-Pres.**

R. F. Clifford, San Francisco general contractor, was elected president of the Northern California Chapter, Associated General Contractors of America at the initial board meeting of the year, Secretary-Manager Floyd O. Booe announced yesterday.

The new Board of Directors held its first meeting last Friday.

Elected to the post of vice-president was Ben C. Gerwick.

R. G. Clifford succeeds E. F. Modglin as president of the Northern California Chapter, Associated General Contractors of America. Mr. Modglin retains his position on the Board of Directors.

Board Members

Other members of the Board who will serve their second terms in 1938 are Ben C. Gerwick and A. V. Ordway.

Three new directors will serve on the board during the coming year.

New board members are: Stanley Ball; C. V. Isbell of Reno; and Guy F. Atkinson, widely known San Francisco contractor, who two months ago was elected to a vice-presidential post by the Associated General Contractors of America thus insuring his becoming president in 1939.

AIRPORT WORK OUT FOR BIDS

The San Francisco Public Utilities Commission yesterday issued two calls for bids, both to be opened January 23, for finishing rooms in the first story of the Administration Building at San Francisco Airport, and for exploration and dredging at San Francisco Airport.

The latter project is the first in the \$2,850,000 airport improvement program to be financed by the airport bond issue approved by the voters November 2. The work involves making tests preparatory to starting land and seaplane port improvements at the air field.

Booe Will Attend Northwest National A.G.C. Conventions

Two Associated General Contractors of America conventions will be attended within the next three weeks by Secretary-Manager Floyd O. Booe of the Northern California Chapter, A.G.C.

Mr. Booe plans to attend the Pacific Northwest A.G.C. convention in Seattle January 28 and 29.

Returning to San Francisco, he will leave again within three or four days for Washington, D. C. where the national convention will be held February 7 to 10.

Guy F. Atkinson, national vice-

S. F. Convention

president, will attend the Washington convention. Mr. Booe said, and it is possible that other members of the Northern California chapter board also will attend.

Among important topics slated for discussion at the national convention are the administration proposal to reduce or eliminate federal aid for highway construction, confirmation of the board's selection of San Francisco as the 1939 convention city, and others.

While in Washington Mr. Booe plans to appear before the appropriations committee on behalf of the Central Valley Project, for which hearings have been tentatively set for the first week in February.

STATE EXCHANGE TO MEET JAN. 29 IN BAKERSFIELD

The semi-annual meeting of the California State Builders Exchange will be held in Bakersfield, January 29, Secretary Harry Cayford announces.

The business session, lasting all day, will be conducted at the Hotel El Tejon. The meeting will be called to order at 9:00 A. M.

The Contractors' State License Board will be in session also on the same day at the Hotel El Tejon in Bakersfield, according to Mr. Cayford.

On Friday evening, January 28, the annual banquet of the Bakersfield Builders' Exchange will be held. The Bakersfield Builders' Exchange has invited all members of the State Exchange to attend, it is announced.

Every one of the member Exchanges should arrange to have one or more delegates at the semi-annual meeting, President H. L. Sweeney of the State Exchange announces.

The fact that the Contractors' State License Board will be in session at the same time and place makes the current semi-annual meeting of unusual importance, he says.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY			
No.	Owner	Contractor	Amt.
442	Holden	Perkins	9870
443	Kahn	Greenberg	35000
444	Rousseau	Owner	61250
445-6	Stoneson	Owner	5500
447	Cogle	Owner	1000
448	Elkus	Gladstone	12500
449	Elkus	Gladstone	12500
450	Knuth	Anderson	6000
451	Nelson	Owner	4500
452	Nelson	Owner	3500
453	Quistad	Owner	46500
454	Clarke	Owner	1000
455	Mager	Mager	3500
456	Acme	Forbes	5000
457	Claudio	Owner	1000
458	Cohn	Mills	2500
459	Dickenson	Wright	1500
460	Higgins	Magne	3000
461	Ntl. Missions	Owner	5000
462	Vignati	Mohr	3000
463	Nagnati	Mohr	3000
464	Doelger	Owner	4000
465	Doelger	Owner	4000
466	Doelger	Owner	4000
467	Doelger	Owner	4000
468	Doelger	Owner	4000
469	Doelger	Owner	4000
470	Doelger	Owner	4000
471	Doelger	Owner	4000
472	Doelger	Owner	4000
473	Doelger	Owner	4000
474	Doelger	Owner	4000
475	Doelger	Owner	4000
476	Higgins	Redenbaugh	3000
477	Howard	Mattock	2000
478	Johnson	Owner	3000
479	Johnson	Owner	2000
480	C. & C. of S.F.	WPA	75000
481	Sparks	Owner	3000
482	Walkup	Newman	20000
483	Collers	Callaghan	1000
484	Greenberg	Barrett	1500
485	Hallgren	Owner	3000
486	Laurence	Wagner	4000
487	Meinberger	Owner	9000
488	Pac. Gillespie	Owner	17500
489	Parisi	Augenstein	9000

DWELLING	
(445) E. WOODACRE, 254 NE OF OCEAN AVE. One-story and basement frame dwelling.	
Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5500	

ALTERATIONS	
(457) 448 GREENWICH ST. Alter flats.	
Owner—Ghubaud Rizzi Claudio, 448 Greenwich St. Architect—Not Given. \$1000	

ALTERATIONS	
(458) 2014 LAKE ST. Alter dwelling.	
Owner—Geo. Cohn, Premises. Contractor—J. Mills Constr. Co., 605 Market St. Architect—Not Given. \$2500	

ALTERATIONS	
(459) 1470 MARKET ST. Alter restaurant.	
Owner—C. T. Dickenson, 439 39th Ave. Contractor—G. R. Wright, 3729 Geary Street. Architect—Not Given. \$1500	

DWELLING	
(460) E. SAN JOSE, 50 N LEIBIG. One-story and basement frame dwelling.	
Owner—Joe Higgins, Inc., 62 Monterey Blvd. Contractor—Magne & Redenbaugh, 62 Monterey Blvd. Architect—Not Given. \$3000	

ALTERATIONS	
(461) 920 SACRAMENTO STREET. Alter school.	
Owner—Board of National Missions, 156 Fifth Ave., New York City. Architect—A. H. Memler, Berkeley. \$5000	

DWELLING	
(462) E. ST. CHARLES, 88 N OF ALEMANY BLVD. One-story & basement frame dwelling.	
Owner—Eugene Vignati, 234 Caselli Ave. Contractor—Rudolph Mohr & Sons, 4482 Mission St. Architect—Not Given. \$3000	

DWELLING	
(463) E. ST. CHARLES, 63 N OF ALEMANY BLVD. One-story & basement frame dwelling.	
Owner—Eugene Vignati, 234 Caselli Ave. Contractor—Rudolph Mohr & Sons, 4482 Mission St. Architect—Not Given. \$3000	

DWELLING	
(464) E. 16TH AVE., 150 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

DWELLING	
(465) E. 16TH AVE., 60 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

DWELLING	
(466) E. 16TH AVE., 360 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

DWELLING	
(467) E. 16TH AVE., 210 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

DWELLING	
(446) E. WOODACRE DR., 298 NE (442) OCEAN AVE. One-story and basement frame dwelling.	
Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5500	

DWELLING	
(447) 831 CENTRAL AVE. Alter apartments.	
Owner and Contractor—R. L. Cogle, 1880 Filbert Street. Architect—Not Given. \$1,000	

DWELLING	
(448) W SEA CLIFF 500 W El Camino Del Mar. Two-story and basement frame dwelling.	
Owner—Richard Elkus, 4 25th Ave. Contractor—D. B. Gladstone 557 Market Street. Architect—Farr & Ward, 68 Post St.	

DWELLING	
(449) W SEA CLIFF 400 W El Camino Del Mar. Two-story and basement frame dwelling.	
Owner—Richard Elkus, 4 25th Ave. Contractor—D. B. Gladstone 557 Market Street. Architect—Farr & Ward, 68 Post St.	

DWELLING	
(450) W CORBETT 167 N Romain extended westerly. Two - story and basement frame dwelling.	
Owner—Wm. E. Knuth, 895 Faxon St. Contractor—E. A. Anderson and Son, 1177 De Haro St. Architect—W. Travis, 604 Mission St. \$6,000	

DWELLING	
(451) W 20th AVE. 30 N Ocean Ave. One - story and basement frame dwelling.	
Owner and Builder—Fernando Nelson & Sons, 2901 19th Ave. Architect—Not Given. \$4,500	

DWELLING	
(452) NW CORBETT AVE. and Iron Alley. One - story and basement frame dwelling.	
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue. Architect—Not Given. \$3,500	

APARTMENTS	
(453) SW MALLORCA Way and Alhambra. Three-story frame apt. building.	
Owner and Builder—Thos. Quistad, 1601 Beach Street. Architect—R. R. Irvine, 2048 Market. Engineer—C. Jefferson Sly, 251 Kearny Street. \$46,500	

DWELLING	
(454) W BRUSSELS 125 S Mansell St. One-story frame dwelling.	
Owner and Builder—M. J. Clarke, 906 Brussels. Architect—Not Given. \$1,000	

DWELLING	
(455) NE 17th and SHRADER STS. One - story and basement frame dwelling.	
Owner—Jacob Mager, 1359 4th Ave. Contractor—Mager Bros. & Son, 1730 12th Ave. Architect—Not Given. \$3,500	

ALTERATIONS	
(456) N GROVE, 87 E WEBSTER. Alter brewery.	
Owner—Acme Breweries, 762 Fulton St. Contractor—R. J. H. Forbes, 1067 Monadnock Bldg. Architect—Not Given. \$5000	

ALTERATIONS	
(458) 2014 LAKE ST. Alter dwelling.	
Owner—Geo. Cohn, Premises. Contractor—J. Mills Constr. Co., 605 Market St. Architect—Not Given. \$2500	

ALTERATIONS	
(459) 1470 MARKET ST. Alter restaurant.	
Owner—C. T. Dickenson, 439 39th Ave. Contractor—G. R. Wright, 3729 Geary Street. Architect—Not Given. \$1500	

ALTERATIONS	
(461) 920 SACRAMENTO STREET. Alter school.	
Owner—Board of National Missions, 156 Fifth Ave., New York City. Architect—A. H. Memler, Berkeley. \$5000	

ALTERATIONS	
(462) E. ST. CHARLES, 88 N OF ALEMANY BLVD. One-story & basement frame dwelling.	
Owner—Eugene Vignati, 234 Caselli Ave. Contractor—Rudolph Mohr & Sons, 4482 Mission St. Architect—Not Given. \$3000	

ALTERATIONS	
(463) E. ST. CHARLES, 63 N OF ALEMANY BLVD. One-story & basement frame dwelling.	
Owner—Eugene Vignati, 234 Caselli Ave. Contractor—Rudolph Mohr & Sons, 4482 Mission St. Architect—Not Given. \$3000	

ALTERATIONS	
(464) E. 16TH AVE., 150 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

ALTERATIONS	
(465) E. 16TH AVE., 60 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

ALTERATIONS	
(466) E. 16TH AVE., 360 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

ALTERATIONS	
(467) E. 16TH AVE., 210 N ORTEGA ST. One-story and basement frame dwelling.	
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4000	

DWELLING
(468) E. 16TH AVE., 180 N ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(469) E. 16TH AVE., 90 N. ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(470) E. 16TH AVE., 270 S ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(471) E. 16TH AVE., 300 N ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(472) E. 16TH AVE., 30 N. ORTEGA ST. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(473) E. 16TH AVE., 120 N ORTEGA ST. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(474) E. 16TH AVE., 240 N ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(475) E. 16TH AVE., 330 N ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLING
(476) W. WATERVILLE, 175 N OF AUGUSTA. One-story and basement frame dwelling.
Owner—Joe Higgins, Inc., 62 Monterey Blvd.
Contractor—Magne & Redenbaugh, 62 Monterey Blvd.
Architect—Not Given. \$3000

DWELLING
(477) E. NORMANDIE TERR., 77 N BROADWAY. Three-story frame dwelling.
Owner—L. D. Howard, c/o Architect.
Contractor—A. F. Mattock Co., 210 Clara.
Architect—Gardiner A. Dailey, 210 Post St. \$20,000

DWELLING
(478) SE SILVER AVE. AND GAMBIER. One-story and basement frame dwelling.
Owner—J. A. Johnson, 69 Madison Street.
Architect—Not Given. \$3000

DWELLING
(479) E. GAMBIER, 68 S SILVER AVE. One-story and basement frame dwelling.
Owner—J. A. Johnson, 69 Madison Street.
Architect—Not Given. \$2000

PUBLIC LIBRARY
(480) NW ULLOA AND LENOX WAY. Class B Public Library.
Owner—City and County of S. F., Prem.
Plans by F. H. Meyer, Kohl Bldg.
Engineer—C. H. Snyder, c/o Architect. \$75,000

DWELLING
(481) E. YALE, 75 N SILLIMAN. One-story and basement frame dwelling.
Owner—R. A. Sparks, 76 Maynard Street.
Architect—Not Given. \$3000

ALTERATIONS
(482) 240 SECOND ST. Alter warehouse.
Owner—Walkup Drayage and Warehouse Co., Prem.
Contractor—C. C. Newman, 517 Branman.
Engineer—Walter L. Huber, Crocker Bank Bldg. \$20,000

ALTERATIONS
(483) 232 AND 234 DOWNEY ST. Alter flats.
Owner—Colliers, Hayward, Cal.
Contractor—Jack Callaghan, 900 Clayton St.
Architect—Not Given. \$1000

ALTERATIONS
(484) SE 4TH AND FOLSOM STS. Alter store.
Owner—M. Greenberg, Prem.
Contractor—Barrett & Hiip, 918 Harrison St.
Architect—Hyman & Appleton, 68 Post St. \$1500

DWELLING
(485) E. 29TH AVE., 100 N SANTIAGO. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave.
Architect—Not Given. \$3000

ALTERATIONS
(486) 36 DRUMM ST. Alter office.
Owner—Laurence Warehouse Co., Prem.
Contractor—Geo. Wagner, 181 South Park St.
Architect—Not Given. \$4000

DWELLING
(487) W. 26TH AVE., 200 N OF CAMINO DEL MAR. Two-story frame dwelling.
Owner—H. S. Meinberger, 956 Folsom St.
Architect—Not Given. \$9000

ALTERATIONS
(488) NE PINE AND VAN NESS AVE. Alter car washing bldg.
Owner—Pacific Gillespie System, Inc., 79 New Montgomery St.
Architect—Not Given. \$17,500

DWELLING
(489) E. DARIEN WAY, 225 N KENWOOD WAY. Two-story & basement frame dwelling.
Owner—Dr. J. V. Parisi, 471 Lisbon St.
Contractor—A. E. Augenstein, Jr., 216 Grand View Ave.
Architect—Not Given. \$9000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
543	Brasch	Owner	5000
544	Brasch	Owner	4000
545	Blum	Laphane	14000
546	Key System	Jensen	1750
547	Montone	Glynn	8951
548	Sherman	Hambin	3250
548	Heraty	Jensen	2000
549	Kerr	Justice	3500
550	Koenig	Nichols	3750
551-3	Linton	Patterson	3500
554	Magnani	Carr	1800
555	Tacchini	Fox Bros.	3485

556	Roseberg	Owner	3400
557	Alder	Gaubert	6500
558	Meek	Owner	4300
559	Fressler	Owner	5000
560	Shaw	Owner	3800
561	Colegrove	Pelrose	3500
562	Dominic	Rose	1000
563	Andreucetti	Benassini	2000
564	Berk Guar.	Mason	1000
565	Bernard	Frey	7000
566	Philbrick	Owner	5500

DWELLING
(543) 1430 LINCOLN, BERKELEY. Two-story 5-room frame dwelling, and garage.
Owner & Builder—M. G. Brasch, 1600 Mtn. Blvd.
Architect—Not Given. \$5000

DWELLING
(544) 1400 LINCOLN, BERKELEY. Two-story 5-room frame dwelling, and garage.
Owner & Builder—M. G. Brasch, 1600 Mtn. Blvd.
Architect—Not Given. \$4000

DWELLING
(545) 950 LONGRIDGE RD., BERKELEY. Two-story 9-room dwelling.
Owner—A. Blum, 770 Wesley Ave.
Contractor—Theo. H. Lapham, 546 Kenmore St.
Architect—I. M. Johnson, 2219 7th Ave. \$14,000

SHELTER
(546) NW COR. 22ND & BROADWAY, OAKLAND. One-story steel passenger shelter.
Owner—Key System, Prem.
Contractor—Jensen & Pedersen, 3443 Adeline St.
Architect—Not Given. \$1750

DWELLING
(547) 800-802 61ST ST., OAKLAND. One-story 8-room 2-family dwelling.
Owner—G. O. Montone, 810 61st St.
Contractor—Henry Glynn, 6023 Colby Street.
Architect—W. E. Schirmer, 412 Security Blvd. \$8981

RESIDENCE
(548) 41 SYLVAN WAY, PIEDMONT. One-story 5-room residence and garage.
Owner—Henry V. Sherman, 2844 San Jose Ave., Alameda.
Contractor—Mrs. Frank Hamblin, 77 Linda Ave., Oakland.
Architect—Not Given. \$5250

DWELLING
(548) 5343 THORNHILL DR., OAKLAND. One-story 4-room dwelling.
Owner—Phil Heraty, 488 Fairbanks Ave.
Contractor—H. K. Jensen, 2757 Rawson St.
Architect—Not Given. \$2000

DWELLING
(549) 5651 MORAGA AVE., OAKLAND. One-story 5-room dwelling.
Owner—John C. Kerr, Prem.
Contractor—N. F. Justice, 2206 Clinton Ave., Alameda.
Also garage, 1-story, \$250.
Architect—Not Given. \$3500

DWELLING
(550) 4600 STEELE ST., OAKLAND. One-story 5-room dwelling.
Owner—M. L. Koenig, 1106 Broadway.
Contractor—Leo L. Nicholls, 3800 Enos Ave.
Architect—Not Given. \$3750

DWELLING
(551) 7300 SUNKIST DR., OAKLAND. One-story 5-room dwelling.

Owner—G. W. Linton, 4622 E. 14th St.
 Contractor—J. F. Patterson, 3429 E. 14th St.
 Architect—Not Given. \$3500

DWELLING
 (552) 7206 SUNKIST DR., OAKLAND. One-story 5-room dwelling.
 Owner—G. W. Linton, 4622 E. 14th St.
 Contractor—J. F. Patterson, 3429 E. 14th St.
 Architect—Not Given. \$3500

DWELLING
 (553) 7214 SUNKIST DRIVE, OAKLAND. One-story 5-room dwelling.
 Owner—G. W. Linton, 4622 E. 14th St.
 Contractor—J. F. Patterson, 3429 E. 14th St.
 Architect—Not Given. \$3500

SERVICE STATION
 (554) 330 WEBSTER ST., OAKLAND. One-story steel service station.
 Owner—Bruno Magnani, 330 Webster St.
 Contractor—Wm. H. Carr, 1768 El Dorado Ave., Berkeley.
 Also 1-story steel serv. sta., \$1100
 Architect—Not Given. \$1800

DWELLING
 (555) 5620 SNAKE ROAD, JAKLAND. One-story 4-room dwelling.
 Owner—R. Tocclni, 5620 Snake Road.
 Contractor—Fox Bros., 1478 University Ave., Berkeley.
 Architect—Not Given. \$3485

DWELLING
 (556) 7356 CIRCLE HILL DRIVE, OAKLAND. One-story 5-room dwelling.
 Owner & Builder—August Roseberg, 1712 48th Ave.
 Architect—Not Given. \$3400

FLATS
 (557) 2416-18 SEMINARY Avenue, OAKLAND. Two-story 10-room flats.
 Owner—M. Alder 3249 Mountain Blvd. Oakland.
 Contractor—Gaubert Brothers, 4735 Brookdale Ave., Oakland.
 Architect—Not Given. \$6,500
 Also 1-story garage, \$200.

(558) 3424 SIMMONS Street, OAKLAND. One-story 6-room dwelling.
 Owner and Builder—Jacob Meek, 1455 154th Ave., Hayward.
 Architect—Not Given. \$4,300

DWELLING
 (559) 3000 HYDE ST., OAKLAND. One-story 6-room dwelling.
 Owner and Builder—Walter Pressler, 1419 Excelsior Ave., Oakland.
 Architect—Not Given. \$5,000

DWELLING
 (560) 7808 GARFIELD AVE., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—Melvin C. Shaw, 1317 E 27th St., Oakland.
 Architect—Not Given. \$3,800
 Also 1-story garage, \$200.

DWELLING
 (561) 906 DELMAR ST., ALAMEDA. One-story 5-room dwelling.
 Owner—Mrs. G. L. Colegrove, 2413 Santa Clara Ave., Alameda.
 Contractor—J. R. Feirce, 3940 Woodruff Ave., Oakland.
 Architect—Not Given. \$3,500

ALTERATIONS, ETC.
 (562) 1217 PARK ST., ALAMEDA. Alterations, electrical installation, etc.

Owner—Mrs. Dominic, 1217 Park St., Alameda.
 Contractor—W. Rose, 478 25th Street, Oakland.
 Architect—Not Given. \$1,000

ALTERATIONS
 (563) 1836 63RD, BERKELEY. Alterations.
 Owner—P. Andreucetti, 1220 Peralta.
 Contractor—Joe Benassini, 620 51st St., Oakland.
 Architect—Not Given. \$2000

ALTERATIONS
 (564) 2736 WALLAGE, BERKELEY. Alterations.
 Owner—Berkeley Guarantee Bldg. & Loan, 2101 Shattuck.
 Contractor—Mason-McDuffie Co., 2101 Shattuck.
 Architect—Not Given. \$1000

DWELLING
 (565) 1834 CASTERLINE RD., OAKLAND. Two-story 7-room dwelling.
 Owner—R. B. Bernard, 725 Warfield Ave.
 Contractor—J. F. Frey, 4718 Congress Ave.
 Architect—R. A. Hutchison, 3433 Anderson St. \$7000

DWELLING
 (566) S. RINCON DR., LOT 72, MONT. HIGH, OAKLAND. One-story 5-room dwelling.
 Owner & Builder—A. L. Philbrick, 424 Euclid Ave.
 Architect—Not Given. \$5500

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
241	Knuth	Anderson	7675
242	R C Archbishop	Reilly	76831
243	Same	Nelson	5290
244	Same	Forster	4190

DWELLING
 (241) W CORBETT AVE. 167 North Romaine extended westerly. Two-story and garage frame dwelling.
 Owner—William E. and Eleanor V Knuth, 895 Faxon Avenue.
 Architect—Geo. W. Travis, 604 Mission Street.
 Contractor—E. A. Anderson & Son, 1177 De Haro Street.

Filed, Jan. 14, '38. Dated, Jan. 12, '38.
 Rough concrete\$1151
 Frame up 1151
 Roof on trimmed 1151
 Building 1151
 Completion 1151
 Usual 35 days 1920
TOTAL COST, \$7,675
 Bond, \$7,000. Sureties, Fred Isaacson and Alfred Carlsen. Plans and specifications filed.

SCHOOL BLDG.
 (242) SE NAPLES ST. and Italy Ave. Two-story and basement school building.
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin.
 Architect—H. A. Minton, Underwood Building.
 Contractor—Frank J. Reilly and Valentine Franz, 6350 Fulton Street.
 Filed, Jan. 17, '38. Dated, Jan. 8, '38.
 Progress payments.

TOTAL COST, \$76,831.00
 Bond, \$76,831. Sureties, The Fidelity & Casualty Co. of N. Y. Forfeit, \$50 per day. Limit, Aug. 1, 1938. Plans and specifications filed.

(243) **INSTALL HEATING** system on above.
 Contractor—Jas. A. Nelson, Inc., 1375 Howard Street.
 Filed, Jan. 17, '38. Dated, Jan. 8, '38.
 Progress payments.

TOTAL COST, \$5,290.00

Bond, \$5290. Sureties, Standard Accident Ins. Co. Forfeit, \$50 per day. Limit, July 1, 1938. Plans and specifications filed.

(244) **PLUMBING** on above.
 Contractor—Wm. J. Forster Sons Ltd. 355 Fourth Street.
 Filed, Jan. 17, '38. Dated, Jan. 8, '38.
 Progress payments.
TOTAL COST, \$4,190.00
 Bond, \$4190. Sureties, Massachusetts Bonding & Ins. Co. Forfeit, \$50 per day. Limit, July 1, 1938. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
151	Schwartz	Nicholson	6200

STORE BLDG.
 (151) EUCLID AVE. AND RIDGE ROAD, BERKELEY. Store bldg.
 Owner—Henry Schwartz and Geo. Weiser.
 Architect—Edw. T. Foulkes.
 Contractor—D. W. Nicholson.
 Filed Jan. 17, '38. Dated Jan. 4, '38
 On or before 6th day of each mo., 75% labor and material; balance, usual 35 days.

TOTAL COST, \$6200.00
 Bond, \$6200. Surety, United Pacific Ins. Co. Limit, 60 days. Plans and specifications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

SIGN, electric, \$250; 2197 Mission St.; owner, N. R. Sandy, prem.; contractor, Wonderlite Neon, 170 Otis St.

ALTER tank bracing, \$238; 55 Eddy St.; owner, Prior Estate Co., c/o 148 28th Ave.; contractor, Sunset Iron Works, 964 Harrison St.
 FLUES, \$50; 447 20th Ave.; owner, Fred Strahle, premises; contractor, E. Sugarman, 3624 Geary St.

ALTER dwelling, \$300; 313 Hearst; owner, C. O'Leary, premises; contractor, Fred J. Early, Jr., 369 Pine St.

ALTER store, \$275; 3161 Fillmore St. owner, R. Bravo, premises.
 ALTER garage, \$750; 385 Bartlett; owner, W. A. Christen, 433 Bartlett St.; contractor, A. H. Wilhelm, 666 Mission St.

FLUES, \$40; 831 Central Ave.; owner, R. Coughle, premises; contractor, Wm. P. Goss Co., 4640 Geary.
 ALTER dwelling, \$200; 2961 Clay St.; owner, Ray Burrell, premises.

SIGN, electric, \$20; 2440 Mission St.; owner, Quality Clothes Shop, 2440 Mission St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

BILLBOARD, \$7; SW Clement and Tenth Ave.; owner, Foster and Kleiser Co., 1675 Eddy St.

SIGN, electric, \$490; 88 Embarcadero; owner, Denny Carlin, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

WALL, retaining, \$400; W Stockton 40 S Bush St.; owner, Edward Rolkin, 136 McAllister St.; contractor, John Bush, 1349 Clayton.

ALTER dwelling, \$600; 1276 Alayon; owner, Andrea Bros., premises; contractor, L. Murer, 1276 Quessaada Street.

ALTER dwelling, \$575; 242 Chattanooga St.; owner, A. Gibbons, 130 Valley St.; contractor, G. J. Elkington, 1291 33rd Ave.

SIGN, electric, \$50; 2442 Mission St.; owner, Worths, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$225; 2218-20 23rd St.; owner, Henry Rosenblad, 1201 De Haro St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-----------------------------------|---|
| 1.—Apartments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Business Buildings | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & |
| | |

1—APARTMENTS

Contract Awarded
APARTMENTS Cost, \$61,250
SAN FRANCISCO. SW Chabot Terrace and Turk Street.
 Three-story frame apartment bldg.
 Owner—Gay & Rousseau, 321 Kearny.
 Architect—H. C. Baumann, 251 Kearny St.
 Engineer—James M. Smith, 251 Kearny Street.
 Contractor—Oliver M. Rousseau, 321 Kearny Street.

To Be Done By Day's Work
APARTMENTS Cost, \$50,000
SAN FRANCISCO. SW Mallorea Way and Alhambra Street.
 Three-story frame apt. building.
 Owner and Builder—Thos. Quistad, 1601 Beach Street.
 Architect—R. R. Irvine, 2048 Market.
 Engineer—C. Jefferson Sly, 251 Kearny Street. 1

Sub Contracts Awarded
APARTMENTS Cost, \$61,250
SAN FRANCISCO. SW Chabot Terrace and Turk Street.
 Three-story frame apartment bldg.
 Owner—Gay & Rousseau, 321 Kearny.
 Architect—H. C. Baumann, 251 Kearny Street.

Engineer—James M. Smith, 251 Kearny St., San Francisco.
 Contractor—Oliver M. Rousseau, 321 Kearny St.
 Plumbing—Scott Co., Inc., 243 Minna Street.
 Electric Wiring—Aetna Electric Co., 1435 Eddy St.
 Lumber—Smith Lumber Co., Fourth and Channel Sts.
 Mill Work and Frames—Hogan Lumber Co., Second and Alice St., Oakland.
 Concrete—Vannucci Bros. Construction Co., 375 Bayshore Blvd.
 Elevators—Atlas Elevator Co., 34 Harriet St.
 All of San Francisco unless otherwise noted.

BID OPENED

SAN FRANCISCO.—W. P. Fuller & Co., 301 Mission St., at \$72,60, submitted only bid to the Department of Public Works, Room 251, City Hall, for furnishing and installing 3/4-in. rough plate glass Herculte in floor of book stacks at Main Library, Larkin and McAllister Sts.

3—CHURCHES

Contract Awarded
CHURCH Est. Cost, \$35,000
GUERNEVILLE, Sonoma Co., Calif.
 New frame church with log cabin siding, asbestos shingle roof, ce-

ment plaster interior.
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
 Architect—John J. Foley, 770 Fifth Ave., San Francisco.
 Contractor—J. T. Shatto, Rio Nido.

4—FACTORIES & WAREHOUSES

Sub Contracts Awarded
WAREHOUSE Est. Cost, \$25,000
SAN FRANCISCO.

One-story and mezzanine reinforced concrete warehouse (100x175 ft.), composition roof, wood roof trusses, steel sash, etc.

Owner—James C. Coughlin, 625 Bran-

nan Street.
 Engineer—Mack Perkins, 110 Sutter.
 Contractor—Barrett & Hill, 918 Harrison Street.

Plumbing—Wm. F. Wilson Co., 736 Harrison Street.

Steel Sash—Truscon Steel Co., 604 Mission Street.

Steel Reinforcing—W. S. Wetenhall Co., 17th and Wisconsin Sts.

Form Lumber—Smith Lumber Co., 4th and Channel Sts.

Electric Work—The United Electric Co., 1190 Bryant St.

Wooden Trusses—Arch-Rib Truss Co., 608 16th St., Oakland.

All of San Francisco, unless otherwise noted.

January 17, 1938.

TO ASK BIDS SHORTLY
SAN BERNARDINO, Cal.—General Motors Corp., Argonaut Realty Div., Detroit, Mich., will take bids shortly for a garage and warehouse building to be built in San Bernardino at an estimated cost of \$80,000. Albert Kahn, Inc., New Center Bldg., Detroit, are the architects and engineers.

Contract Awarded
ALTERATIONS Cost, \$6,000
SAN FRANCISCO. N Grove St. 87 E Webster St.

Alterations to brewery.
 Owner—Acme Breweries, 762 Fulton.
 Architect—Not Given.
 Contractor—R. J. H. Forbes, 1067 Monadnock Bldg. 4

Contract Awarded
ALTERATIONS Cost, \$20,000
SAN FRANCISCO. 240 Second St. Alter warehouse.

Owner—Walkup Drayage & Warehouse Co., 240 Second St.
 Engineer—Walter L. Huber, Crocker Bank Bldg.
 Contractor—C. C. Newman, 517 Bran-

nan Street. 4
 Contract Awarded
WAREHOUSE Est. Cost, \$300,000
OAKLAND, Alameda Co., Cal. Fruitvale Ave. and Estuary.

Part one and part two-story structural steel warehouse (approximately 180,000 sq. ft.), wood tur-

lines, wood roof sheathing, corrugated iron siding, composition roof, sprinkler system, electrical work, plumbing, concrete.

Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Contractor—P. J. Walker Co., 607 Sharon Bldg., San Francisco.

5—FLATS

Contract Awarded
FLATS Cost, \$10,000
SAN FRANCISCO. E Montgomery St. 25 N Filbert St.

Two-story frame flat building.
 Owner—A. L. Holden, 1150 Union St.
 Architect—Chas. S. Pope, 1932 Cabrillo Street.
 Contractor—E. W. Perkins, 3506 Fulton Street. 5

Contract Awarded
FLATS Cost, \$6,500
OAKLAND, Alameda Co., Calif. 2416 Seminary Ave.

Two-story (10-room) flat building.
 Owner—M. Alder, 3249 Mountain Blvd.
 Architect—Not Given.
 Contractor—Gaubert Brothers, 4735 Brookdale Ave. 5

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, \$.....
SACRAMENTO, Cal. 15th and L Sts.
 Steel gasoline service station.

Owner—Union Oil Co., 220 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—W. E. Truesdale, 2116 H St., Sacramento.

Plans Being Figured
SERVICE STATION Cost, \$.....
OAKLAND, Cal. Harrison and 14th.
 Steel gasoline service station.
 Owner—Union Oil Co., 220 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.

Contract Awarded
SERVICE STATION Cost, \$.....
BAKERSFIELD, Kern Co., Cal. Nile and Baker Streets.

Steel gasoline service station.
 Owner—Union Oil Co., 220 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—Willard K. Michaels, 600 Bernard St., Bakersfield.

Contract Awarded
MODESTO, Stanislaus Co., Calif. 9th and H Streets.

SERVICE STATION Cost, \$.....
 Steel gasoline service station.
 Owner—Union Oil Co., 220 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—Aetna Const. Co., 1730 24th Ave., San Francisco.

Contract Awarded
SERVICE STATION Cost, \$.....
BURLINGAME, San Mateo Co., Cal. Burlingame Ave. and El Camino Real.

Steel gasoline service station.
 Owner—Standard Oil Co. of California.

Plans by Engr. Dept. of Owner.
 Contractor—Geo. W. Williams Company, 315 Primrose Rd., Burlingame.

PLANS COMPLETED

DELANO, Kern Co., Calif.—Architect Edith Northman, 3052 W. Pico Blvd., Los Angeles, has completed plans for a new frame and stucco service station to be built in Delano for the Gilmore Oil Co.; composition and galvanized iron roof, wood sash, cement floors, plate glass, restrooms. The owner will build. 6

Sub Contracts Awarded
GARAGE—Cont. Pr., \$5,975
 OAKLAND, Alameda Co., Cal. Elmwood St. and 29th Ave.
 Public garage building.
 Owner—Blankenship Motors, Inc.
 Architect—G. E. Ellinger, 1801 Cas-terline Road, Oakland.
 Contractor—Mark Bristol, 1038 McKinley Ave., Oakland.
 Roofing—Guy Tyler & Sons, 1502 Cedar St., Berkeley.
 Plumbing—J. A. Fazio, 402 Castro St., Oakland.
 Electric Wiring—Kerr & Clifford, 4010 Foothill, Oakland.
 Sheet Metal—Harer-Perry Co., 5662 Keith Ave., Oakland.
 Glass and Steel Sashes—East Bay Glass Co., 621-27 Sixth St., Oakland.

Foundations—Readymix Concrete Co., Ltd., Carolina and Mariposa Sts., San Francisco.
Lumber and Mill Work—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Hardware—Lakeshore Hardware Co., 3343 Lakeshore, Oakland.
Concrete—Melrose Building Materials Co., 4501 Tidewater Ave., Oakland.
Steel Rolling Doors—Gleason Steel Products Co., 1310 63rd Street, Emeryville.
Structural Steel—Herrick Iron Wks., 1729 Campbell St., Oakland.
Trusses—Summerbell Truss Co., 405 Builders Exchange Bldg., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart Ct., Oakland. 6

7—FEDERAL BUILDINGS

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 15 1 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for installing one passenger elevator in the U. S. Immigration and Naturalization Station at Los Angeles. Specifications and drawings (if any) may be obtained from the above office. (5997) 7

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Bids are now being received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for power-operated capstans at the Navy Yard, Mare Island; Spec. 8515. Est. cost, \$50,000.

Plans and specifications may be obtained at the Bureau or from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. No definite bid opening date yet set.

BIDS OPENED

SAN PEDRO, Los Angeles Co., Cal.—Usona Iron Co., 4606 W. Jefferson Blvd., Los Angeles, at \$565, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for wire mesh partitions, etc., in the U. S. Post Office and Custom House at San Pedro. Complete bids follow:
 Usona Iron Co., Inc., Los Angeles, Calif.—\$565.
 J. Bayer Co., Los Angeles, Cal.—\$750.
 Logan Co., Inc., Louisville, Ky.—\$777.

General Wire Works, Inc., Brooklyn, N. Y.—\$849.
 Western Wire & Iron Works, Chicago, Ill.—\$854.

Beklis Wire Works, Inc., Brooklyn, N. Y.—\$879.
 Skinner Wire Works, Inc., Brooklyn, N. Y.—\$898.
 Kentucky Metal Products Co., Louisville, Ky.—\$920.

Nick Hemminga, San Francisco, Cal.—\$921.50.

H. V. Taylor, Long Beach, Cal.—\$943.

Zelnicar Wire Products, Los Angeles, Cal.—\$998. 7

Site Selection

POST OFFICE Cost, \$.....
VENICE, Los Angeles Co., Cal. South-therly side of intersection of Salm St. and Windward Ave.

U. S. Post Office.
 Owner—U. S. Government.
 Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.

Property submitted by Moses C. Davis; site 31,300 sq. ft.; cost, \$21,500.

Contract Awarded
WAREHOUSE Cont. Pr., \$95,760
HICKAM FIELD, T. H.

Construct and complete one Quartermaster Warehouse together with all utilities thereto.

Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster Gen., Constructing Division, Washington, D. C.
 Contractor—Robert E. McKee, Central Bldg., Los Angeles.

Bids were opened Dec. 30.
 Bids opened on the same day for barracks buildings were rejected.

CONTRACT AWARDED

LOS ANGELES, Cal.—Los Angeles Wrecking Co., 610 E 9th St., awarded contract by offering to pay the Government \$225 for removing buildings and clearing certain portions of the site of the proposed new U. S. Parcel Post building, to be built on the northeast corner of Macy and Alameda Sts., Los Angeles.

BIDS WANTED

SAN DIEGO, Calif.—As previously reported, until Jan. 25, 11 A. M., bids will be received by the Public Works Office, Headquarters, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Galley of Mess Hall Extension, Bldg. No. 210, at the Naval Operating Bas (Marine Corps Rifle Range), San Diego; Spec. 8634. Estimated cost, \$2,750.

Work consists of installation of approximately 2900 square feet of terrazzo floor and 400 linear feet of terrazzo base.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

SAN DIEGO, Calif.—As previously reported, until January 25, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for terrazzo floors in Mess Hall-Galley and Bachelor Officers' Quarters Buildings at the Eleventh Naval District (Reeves Field), Terminal Island, Los Angeles Harbor. Spec. 8655. Est. cost, \$1,500.

Work consists of installation of approximately 2300 square feet of terrazzo base.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

SEATTLE, Wash.—Until Feb. 3, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. Federal Office Building at Seattle, Wash.

Specifications may be obtained from the above office and from the Custodian of the Building, at Seattle.

BIDS WANTED

SAN DIEGO, Cal.—Until Jan. 27, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for improvements to Fire Protection System in Bldgs. Nos. 24 and 36 at the Naval Operating Base (Air Station) San Diego; Spec. 8623.

Work consists of furnishing and installing (a) an automatic sprinkler system properly connected to the Station's present water system, all in paint and dope shop in lean-to of Bldg. No. 24; and (b) addition of water fire curtains to sprinkler system on mezzanine floor of Bldg. No. 36, and the opening of certain now closed sprinkler heads; also (c) solenoid-valve installation on mezzanine floor of Bldg. No. 36; and (d) thermostatic control system on mezzanine floor of Bldg. No. 36.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

SAN DIEGO, Calif.—As previously reported, until January 27, 11 A. M., bids will be received by Public Works Office, Headquarters, 11th Naval District, foot of Broadway, San Diego, for refrigerating equip. and rooms in Mess Hall-Galley Building at the 11th Naval District (Reeves Field), Terminal Island, Los Angeles Harbor. Spec. 8654. Est. cost, \$1,500.

Work consists of furnishing and installing the following: (a) two refrigerating rooms with doors and with the indicated shelves and rack, receptacles with lamps, and wall switches; (b) two air coolers in the refrigerating rooms; (c) an air-cooled refrigerating machine; (d) liquid and vapor piping between coolers and machine; (e) the indicated electrical connections to lamp units, air coolers, thermostats, solenoid valves, and to refrigerating machine; (f) two thermostats and four solenoid valves.

Bidding data obtainable from the above office upon deposit of \$10, check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 1, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for repair of shower enclosures of Barracks at the Naval Operating Base (Marine Corps Base), San Diego; Spec. 8556.

Work includes (a) the removal of existing marble slabs, floor covers, tread, risers, curbs, etc., and the present terrazzo floor of present shower enclosures as required for the replacement of the lead pans with copper pans and waterproofing; (b) the provision and installation of new pans and drains; and (c) the reinstallation of marble work, and installation of new terrazzo floors in shower enclosures after the installation of copper pans.

Bidding data obtainable from the above office upon deposit of \$10.00 check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

Preparing Plans

POST OFFICE Cost, \$160,000
VENICE, Los Angeles Co., Calif. South-therly side of intersection of Salm St. and Windward Ave.
 United States Post Office.
 Owner—U. S. Government.
 Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.

BIDS WANTED

ALAMEDA, Calif.—Until Feb. 16, 11 a. m., bids are being received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for following temporary buildings: Frame office building and steel garage at the Naval Air Station, Alameda, Cal.

Work includes concrete, steel and iron work, roofing and sheet metal work, carpentry and joinery, screens, plumbing, heating and electrical systems, and gasoline pump and tank; Spec. 8948.

Drawings and specifications may be obtained at the Bureau and from the Commandant, Twelfth Naval District, Federal Office Bldg., Civic Center, San Francisco, Cal., upon deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks.

Bid Opening Date Postponed Until March 15, 1:00 P. M.

RESIDENCE

MANILA, P. I.

Construction of the U. S. High Commissioner's Office and Residence (except elevators and dumbwaiter), and garage and servants' quarters at Manila, Philippine Islands.

Owner—United States Government. Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Washington, D. C., and from District Engineer, Wm. Arthur Newman, 232 Federal Office Bldg., San Francisco, Cal.

No deposit required for two sets of plans.

Opening date postponed from Mar. 1. A set of plans and copy of specifications are now on file for local examination by general contractors, sub-contractors and manufacturers at the office of the Constructing Quartermaster, Fort Mason, San Francisco.

BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until February 8, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing special exterior lighting fixtures at the U. S. P. O. at Pasadena.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Pasadena.

9—HOSPITALS

Contracts Awarded

ISOLATION WARD

MARTINEZ, Contra Costa Co., Cal. Addition of an isolation ward to accommodate 12 patients at south end of present County Hospital.

Owner—County of Contra Costa.
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco, and Keith O. Nabrett, 474 31st St., Richmond.

Bids were received on a segregated basis and contracts awarded as follows:

Carpentry—A. Frederick Anderson, 1093 Longridge Road, Oakland.

Excavation and Concrete—George Petersen, 1841 Bancroft Ave., San Leandro.

Furring, Lathing and Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Roofing—Martinez Sheet Metal Wks., 908 Ferry St., Martinez.

Plumbing—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.

Electric Work—T. L. Rosenberg Co., 411 Webster St., Oakland.

Steel—Soule Steel Co., 1750 Army St., San Francisco.

Tile Work—The Rigney Tile Co., 3012 Harrison St., Oakland.

Linoleum—Superior Tile Co., 3743 Broadway, Oakland.

Heating—Thos. J. Kennedy, Box 83, Martinez.

Painting—Raphael Co., 270 Tehama St., San Francisco.

Bids Wanted — To Close February 7, 2:00 P. M.

HOSPITAL—General Work
MERCED, Calif. Merced General Hospital.

One-story Class B women's and children's ward unit.

Owner—County of Merced.

Architect—Johnson & Wethered, A. O. Johnson, Architect, Sir Francisco Drake Hotel, San Francisco.

Separate bids will be received as follows: (a) general work, (b) linoleum, (c) lathing and plastering, (d) plumbing, (e) heating, and (f) electric work.

Plans and specifications obtainable from the office of W. E. Bedesen, County Surveyor, Merced. A deposit is required.

A set of plans and copy of specifications will shortly be on file for examination at the architect's office.

10—HOTELS

Additional Sub-Contracts Awarded
ALTERATIONS Est. Cost, \$500,000
SAN FRANCISCO. Leavenworth and McAllister Sts. (Re-named Hotel Empire).

Removal and redecorate all the guest rooms and apts. in former Wm. Taylor Hotel, remodel church and basement into ramp garage; air-condition coffee shop and dining room and cocktail lounge; also Sky Club cocktail lounge to be built on 24th floor; new express elevator.

Managers—E. R. Rosenberg and C. E. Bain.

Architect—Douglas Dacre Stone, 381 Bush Street.

Associated Architects—Hertzka and Knowles, 369 Pine Street.

Contractor—Lindgren and Swinerton, Inc., 625 Standard Oil Building, Marble—Eisele & Dondero Marble Co., 2985 Third Street.

Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.

Hardware—E. M. Hundley, 662 Mission Street.

Rubber Tile—Conklin Brothers, 2400 Geary Street.

Sub-contracts previously awarded published December 23.

**13—PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

Low Bidders

STATE ARMORY BLDG.

SEATTLE, Wash. Field Artillery Armory, Wash. National Guard, bet. Third Avenue, Nob Hill and Thomas-Harrison Streets.

Four-story and basement reinforced concrete and steel state armory building (256 x 360 feet), to contain offices, classrooms, locker rooms, squad rooms, drill hall with balcony, toilet facilities and showers for 700 men.

Owner—Washington National Guard. Assoc. Architect—A. M. Young and F. A. Naramore, 511 Central Bldg.

General Work

A. D. Belanger Co., Orpheum Bldg., Seattle.....\$694,778.00

Peder P. Gjarde, Joshua Green Bldg., Seattle..... 699,996.00

Plumbing and Heating

University Plumbing & Htg. Co., 3939 University Way, Seattle..... 56,295.00

Ashwell, Twist & Co., 987

Thomas, Seattle 58,000.00
Electric Work
Meacham & Babcock, Mutual Life Bldg., Seattle 33,965.00
Stewart Electric Co., 2400 1st St. S., Seattle..... 34,969.00

Completing Plans
ADDITION Est. Cost, \$40,000

SACRAMENTO, Calif. I Street, bet. Ninth and Tenth Streets.

Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Bids will be asked in about two weeks.

Contracts Awarded

ARMORY Cont. Pr. \$694,778

SEATTLE, Wash. Field Artillery Armory, Wash. National Guard, bet. Third Avenue, Nob Hill and Thomas-Harrison Streets.

Four-story and basement reinforced concrete and steel state armory building (256x360-ft.) to contain offices, classrooms, locker rooms, quad rooms, drill hall with balcony, toilet facilities and showers for 700 men.

Owner—Washington National Guard. Assoc. Architect—A. M. Young and F. A. Naramore, 511 Central Bldg., Seattle.

Contractor—A. D. Belanger Co., Orpheum Bldg., Seattle, \$694,778.00.

University Plumbing and Heating Co., 3939 University Way, Seattle, at \$56,295 awarded contract for plumbing and heating; and Meacham and Babcock, Mutual Life Bldg., Seattle, at \$33,965, awarded contract for the electric work.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 28, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for finishing rooms in the first story of the Administration building at San Francisco Airport.

Bids will be taken and must be submitted as follows: (A) finish coffee shop and kitchen and adjacent closets; (B) finish refreshment room, and passage and closet adjacent; (C) all work.

Work includes plastering and painting walls; flooring; painting woodwork and windows, etc.; lighting fixtures; radiators and grilles; wiring; roughed - in outlets for plumbing; flues; screens.

Bids Opened

ADDITIONS Cost, \$.....
SACRAMENTO, Calif. Agricultural Park.

Erection and completion of additions to grandstand and the administration building at Agricultural Park, consisting of an extension of approximately 220 linear feet to existing grandstand of reinforced concrete structural steel and brick construction and construction of a one-story and part two-story reinforced concrete administration building, with brick veneer and tile roof containing approximately 15,500 sq. ft. of floor area.

Owner—State of California.

Architect—Geo. E. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate general bids were received for (a) administration building, (b) additions to grandstand, and (c) combined bid for both buildings.

Separate bids, also combined bids, were received for each of the following segregated parts of the work for the administration building, and additions to the grandstands: Electric work, plumbing and mechanical work, and heating and air conditioning.

Complete general bids follow:
 Azevedo Constr. Co., 920 O St., Sacramento—(a) \$79,850, (b) \$118,450, (c) \$197,500.
 Campbell Constr. Co., Sacramento—(a) \$78,690, (b) \$120,782, (c) \$197,472.
 Carl N. Swenson Co., San Jose—(c) \$198,000.
 Lindgren & Swinerton, Inc., Sacramento—(a) \$82,000, (b) \$124,350, (c) \$202,800.
 K. E. Parker Co., San Francisco—(a) \$84,275, (b) \$127,927, (c) \$206,626.
 F. C. Amoroso & Son, San Francisco—(c) \$216,723.
 Lawrence Constr. Co., Sacramento—(a) \$83,300.
 George J. Maurer, Piedmont—(a) \$84,893.
 Holdener Constr. Co., Sacramento—(a) \$89,650.
 Complete segregated bids received follow:

Electric Work
 Commercial Electric Co., 616 W. 9th St., Los Angeles—(c) \$13,498.
 Rex Moore, Sacramento—(a) \$10,585, (b) \$4,190, (c) \$14,775.
 Reliable Elevator Works—(c) \$15,210.
 Luppen & Hawley, Inc., Sacramento—(a) \$11,305, (b) \$4,517, (c) \$15,635.
 E. H. Willmunder, Sacramento—(c) \$18,524.52.
 George C. Foss, Sacramento—(c) \$16,977.
 Roy M. Butcher, San Jose—(a) \$13,120, (b) \$4,432, (c) \$17,552.
 Abbott Electric Co., San Francisco—(a) \$13,652, (b) \$5,550, (c) \$18,387.
Plumbing and Mechanical Work
 Hately & Hately, 1714 10th St., Sacramento—(c) \$11,366.
 J. J. McDermott, Sacramento—(a) \$9,100, (b) \$2,366, (c) \$11,400.
 M. R. Carpenter, Sacramento—(a) \$9,397, (b) \$2,717, (c) \$12,055.
 Luppen & Hawley, Inc., Sacramento—(a) \$10,550, (b) \$1,950, (c) \$12,417.
 J. A. Fazio, Oakland—(c) \$13,378.
 Willy & Rhoads, Sacramento—(c) \$13,943.
Heating and Air Conditioning
 Hately & Hately, Sacramento—\$13,121.
 M. R. Carpenter, Sacramento—\$13,139.
 J. J. McDermott, Sacramento—\$13,345.
 Corey & Joslyn, San Francisco—\$13,387.
 Luppen & Hawley, Inc., Sacramento—\$13,382.
 Edward B. Ward & Co., San Francisco—\$15,499.
 York Ice Machine Co., San Francisco—\$16,818.
 General Air Conditioning Co., Sacramento—\$17,880.

CONTRACT AWARDED
NORTH HOLLYWOOD, Cal.—S. F. McGrath, 2340 S. Beverly Glen Blvd., West Los Angeles, awarded contract, at \$976, by the State Department of Public Works, Division of Highways, Jan. 3, for painting shop buildings in North Hollywood.
 Complete bids published Jan. 5. * 13

TO ASK BIDS
SAN DIEGO, Cal.—State Department of Public Works, Division of Highways, will call for bids within a few days for three frame and stucco highway maintenance station buildings to be built at Juan and Taylor Sts., Old Town, San Diego. There will be an equipment shed, 260x60 feet in area; a repair shop, 245x54 feet, and an office building, 45x65 ft.

Sub Contracts Awarded
FIRE STATION Cont. Pr., \$36,987
PETALUMA, Sonoma Co., Cal. Nly corner of D and Second Sts.
 One-story frame and stucco fire station (steel roof trusses and columns.

Owner—City of Petaluma.
Architect—Brainerd Jones, 226 Washington St., Petaluma.
Structural Engineer — C. Jefferson Sly, 251 Kearny St., San Francisco, Cal.
Contractor—Adam Arras & Son, 4008 18th St., San Francisco.
Roofing—Don E. Mohr, c/o Napa Lumber Co., Napa.
Plumbing & Heating—Frank J. Holrup, D St. Extension, Petaluma.
Electric Wiring—Levy Electric Co., 1407 Bush St., San Francisco.
Tile Work—The Rigney Tile Co., 3012 Harrison St., Oakland.
Glass—W. P. Fuller Co., 301 Mission St., San Francisco.
Iron Grille Work—Patterson & Koster, 280 13th St., San Francisco.
Brick and Stone Work—E. Hogberg, 666 Mission St., San Francisco.
Mill Work — Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Lathing and Plastering — Ruane & Jensen, 359 Douglass Street, San Francisco.
Steel Rolling Doors—Parker-Carpenter Co., 991 Bryant Street, San Francisco.
Linoleum—Peterson Cobby Co., 363 Clementina St., San Francisco.

Sub-Contracts Awarded
ALTERATIONS Cont. Pr. \$4,984
STOCKTON, San Joaquin Co., Calif. Hunters Square.
 Move present toilet rooms on first floor of old court house to basement and convert space into offices.
Owner—County of San Joaquin.
Architect—Eric W. Johnson, 142 N. California St., Stockton.
Contractor—George Rook, 830 N. Pacific Ave., Stockton.
Plumbing and Heating—The Miller-Hays Co., 742 E. Weber Ave.
Electric Wiring—Eddy Electric Co., 309 E Weber Avenue.
Sheet Metal—Pahl-Harry Co., 427 E. Channel Street.
Brick and Stone Work—C. M. Fuhrmann, 729 N Lincoln St.
Mill Work—Electric Planing Mill, 545 S Monroe St.
Hardware—Turner Hardware Co., P. O. Box 1050.
Lathing and Plastering—W. H. Ekin, 2121 E. Sonora St.
Concrete—Fred Kaus, 2726 E Main.
Linoleum—McLean Hardware Floor Co., 237 E. Miner Ave.
 All of Stockton.

BIDS OPENED
YERBA BUENA SHOALS.—Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco, at \$68,290, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, for finishing the offices in the airport terminal building. Work involves: Electrical work, plastering, glazing, plumbing, composition flooring, painting, heating and ventilating, finish hardware, masonry, and miscellaneous carpentry.
 Complete bids follow:
 Dinwiddie Constr. Co., Inc., \$68,970
 Meyer Bros. 71,028
 Fred J. Early, Jr. 73,786
 B. A. Howkins & Co. 73,819
 Peter Satorlio 81,148
 Clinton Constr. Co. 82,800

Contracts Awarded
ADDITIONS Cont. Pr., \$197,300
SACRAMENTO, Calif. Agricultural Park.
 Erection and completion of additions to grandstand and the administration building at Agricultural Park, consisting of an extension of approximately 220 linear feet to existing grandstand of reinf. concrete structural steel and brick construction and construction of

a one-story and part two-story reinforced concrete administration building, with brick veneer and tile roof containing approximately 15,500 sq. ft. of floor area.
Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Contractor—Azevedo Constr. Co., 920 O St., Sacramento.
 Other awards were:
Electric Work—Commercial Electric Co., 616 W. 9th St., Los Angeles—\$13,498.
Heating and Air Conditioning—Hately & Hately, 1714 10th St., Sacramento—\$13,121.
Plumbing—Luppen & Hawley, Inc., 3126 J St., Sacramento—\$1,950.

14— RESIDENCES

Contract Awarded
ALTERATIONS Cost, \$331.00
SAN ANSELMO, Cal. 32 Fern Pl.
 General repairs to residence.
Owner—Withheld.
Architect—Not Given.
Contractor—L. A. Biberback & Sons, 11 "I" St., San Raphael.

Contract Awarded
ALTERATIONS Cost, \$397.00
SACRAMENTO, Cal. 2959 San Jose Way.
 Alterations to residence.
Owner—Withheld.
Architect—Not Given.
Contractor—C. J. Martin, 1823 P St., Sacramento.

Contract Awarded
RESIDENCES Cost, \$3,500 each
SAN FRANCISCO, E St. Charles 63 and 88 N Alemany Blvd.
 Two one-story and basement frame residences.
Owner—Eugene Vignati, 234 Caselli Avenue.
Architect—Not Given.
Contractor—Rudolph Mohr and Sons, 4482 Mission St. 14

Contract Awarded
RESIDENCES Cost, \$4,000 each
OAKLAND, Alameda Co., Calif. 7300, 7206, 7214 Sunkist Drive.
 Three one-story frame residences (5 rooms each).
Owner—C. W. Linton, 4622 E. 14th St.
Architect—Not Given.
Contractor—J. F. Patterson, 3429 E. 14th St. 14

Preparing Preliminary Plans
RESIDENCE Cost, \$8,000
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
 One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, \$.....
ALAMEDA CO, near Moraga Road.
 Two-story frame and rustic residence (7 rooms), gas-fired forced air heating system, shingle roof, masonite baths, etc.
Owner—Withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Plans Completed
RESIDENCE Cost, \$.....
PALO ALTO, Santa Clara Co., Calif.
 One-story rustic residence (5 rooms, 2 baths), wood shingle roof, hardwood floors, masonite baths, wood sash, etc.
Owner—Withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
 Bids will be asked in about one week.

Sub Contracts Awarded
RESIDENCE Cost, \$21,300
SAN FRANCISCO. W. Church, 97 ft. S. 19th St.
 Two-story and basement frame residence.
 Owner—L. Farry Douglas, 2595 Douglas St.

Architect—Not Given.
 Contractor—Thos. McCormick, 73 Hill Street.

Plumbing, Heating and Tile Work—
 Scott Co., Inc., 243 Minna St.
Electric Wiring—B. J. Doherty Co., 1725 Church St.
Grading—A. O. Field, 1465 20th Ave.
Foundations and Concrete—D. O'Connor & Son, 1367 25th Ave.
Lumber—Loop Lumber Co., Central Basin.

Mill Work—H. S. Thompson, 1775 Mission St.
Lathing and Plastering—James Patt, 33 Day St.
 All of San Francisco. * 14

Contract Awarded
RESIDENCES Cost, \$.....
SAN FRANCISCO.
 Two new residences.
 Owner—R. J. Eikus and Eugene J. Eikus, c/o Architect.
 Architect—Farr & Ward, 68 Post St.
 Contractor—D. B. Gaststone, 557 Market St., San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, \$6,000 each
SAN FRANCISCO. E Woodacre Dr., 254 and 298 NE Ocean Ave.
 Two one-story and basement frame residences.
 Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
 Architect—H. G. Stoner, 251 Kearny Street.

Contract Awarded
RESIDENCE Cost, \$9,000
OAKLAND, Alameda Co., Calif. 800 61st Street.
 One-story frame residence.
 Owner—G. O. Montone, 810 61st St., Oakland.
 Architect—W. E. Schlrmer, 412 Security Bldg., Oakland.
 Contractor—Henry Glynn, 6023 Colby St., Oakland. * 14

Contract Awarded
RESIDENCE Cost, \$14,000
OAKLAND, Alameda Co., Calif. 950 Longridge Road.
 Two-story frame residence (9 rooms)
 Owner—A. Blum, 770 Wesley Ave., Oakland.
 Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.
 Contractor—T. H. Lapham, 546 Kenmore Ave., Oakland.

Contract Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO.
 Two-story frame residence with wood exterior (7 rooms, 2 baths), composition roof, wood sash, linoleum floors with linowall wainscot in baths, hardwood floors.
 Owner—Withheld.
 Architect—Geo. W. Travis, 604 Mission St.
 Contractor—E. A. Anderson & Son, 1177 DeHaro St., San Francisco.

Preparing Preliminary Plans
RESIDENCE Cost, \$6,500
SAN FRANCISCO. Merced Manor.
 One - story and basement frame and stucco residence (5 rooms) terra cotta tile roof, gas fired hot air heating system, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny.

Bids In—Held Under Adjudgment
RESIDENCE Est. Cost, \$10,000
SAN FRANCISCO. Forest Hill.
 Two - story frame Colonial style residence (eight rooms), composition

shingle roof, gas-fired hot air heating system, hardwood floors, tile baths, etc.
 Owner—Dr. Jones, c/o Architect.
 Architect—F. Frederic Amandes, 414 Dewey Blvd.
 Announcement shortly.

Preparing Plans
RESIDENCE Cost, \$6,000
MILLBRAE HIGHLANDS, San Mateo Co., Cal.
 One - story frame and stucco residence (5 rooms), wood shingle roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect — Albert H. Larsen, 333 Kearny St., San Francisco.

Plans Being Figured
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Waterhouse Road.
 One - story frame and stucco residence.
 Owner—Mr. Heathy, c/o Architect.
 Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.
 Plans are being figured by a selected list of contractors. No definite bid opening date set.

Preparing Working Drawings
RESIDENCE Cost, \$7,500
SAN RAFAEL, Marin Co., Calif.
 One-story frame residence (6 rooms) shake roof and walls, wooden trim throughout; garage.
 Owner—Withheld.
 Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.

Preparing Working Drawings
RESIDENCE Cost, \$13,000
PALO ALTO, Santa Clara Co., Calif.
 Two - story frame and stucco residence, shingle roof, wood sash, hot air heating system, hardwood floors, tile baths, etc.)
 Owner—Withheld.
 Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, \$19,500
SAN FRANCISCO. Vallejo Street.
 Three-story and basement frame and stucco residence (10 rooms and 4 baths) steam heating system, single tile roof, hardwood floors tile baths, etc.
 Owner—Withheld.
 Architect — Ed. Musson Sharpe, 111 Sutter Street.
 Plans will be figured by Oliver M. Rousseau when completed.

Preparing Working Drawings
RESIDENCE Cost, \$7,500
SAN FRANCISCO. Monterey Hts.
 One and one-half story frame and wood siding residence (5 rooms), hardwood floors, tile baths, gas-fired hot air heating system, wood sash, etc.
 Owner & Builder—Paul A. Wolter, Jr., 90 Ravenwood Drive, San Francisco.
 Architect — Albert H. Larsen, 333 Kearny St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, \$9,500
SAN JOSE, Santa Clara Co., Calif.
 One-story frame and wood siding and brick veneer residence (7 rooms) shake roof, hardwood floors, tile baths, hot air heating system.
 Owner—G. C. Glaus, c/o Architect.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Bids will be asked in about one

Contract Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO. East Normandie Terrace 77 N Broadway.
 Three-story frame and brick veneer residence (10 rooms) shingle tile roof, hardwood floors, tile baths,

oil fired hot air heating system.
 Ownr.—Dr. L. D. Howard, c/o Architect.
 Architect—G. A. Dailey, 210 Post St.
 Contractor—A. F. Mattock Co., 210 Clara Street.

Contract Awarded
RESIDENCE Cost, \$.....
LAFAYETTE, Contra Costa Co., Cal.
 One - story frame and stucco residence (7 rooms) gas oil burning heating system, hardwood floors, shake roof, tile baths, wood sash.
 Owner—Frank Collin.
 Architect—Frederick L. Confer, 3147 Claremont Ave., Berkeley.
 Contractor—Earl M. Malott, 269 Scenic Ave., Piedmont.

To Be Done By Day's Work
RESIDENCES Cost, \$4,500 each
SAN FRANCISCO. E. 16th Avenue, N. of Ortega St.
 Twelve one - story and basement frame residences.
 Owner & Builder — Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. 14

Sub-Contracts Awarded
CONVENT BLDG. Cont. Pr., \$21,500
SAN JUAN BAUTISTA, San Benito County, Calif.
 Maryknoll Convent.
 Owner—Bishop of Monterey - Fresno Counties.
 Architect—Morrow and Morrow, de Young Bldg., San Francisco.
 Contractor — P. T. Wallstrum, 854 Main St., Watsonville.
Plumbing, Heating and Sheet Metal—Phillips Heating and Plumbing Co., 215 Monterey St., Salinas.
Glass and Mill Work—Electric Planing Mill, 545 S. Monroe St., Stockton.

Painting—Reid Paint Co., 15 Third St., Watsonville.
Reinforcing Steel—San Jose Steel Co. 1344 The Alameda, San Jose.
Iron Grille Work—Helwig's Iron Works, Box 175, San Jose.
Lumber—Hayward Lumber Co. South and East Sts., Hollister.

Sub-Contracts Awarded
RESIDENCE Cost, \$9,000
OAKLAND, Alameda Co., Calif. 800 61st Street.
 One-story frame residence.
 Owner—G. O. Montone, 810 61st St., Oakland.
 Architect—W. E. Schlrmer, 412 Security Bldg., Oakland.
 Contractor—Henry Glynn, 6023 Colby St., Oakland.

Roofing—W. L. Ridout, 642 Pacific Ave., Alameda.
Plumbing—Minaggio Bros., 2316 Telegraph Ave., Oakland.
Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
Sheet Metal—Atlas Heating & Vent. Co., Ltd., 557 4th St., San Francisco.
Tile Work—Walter Mitchell, 659 Spokane Ave., Albany.
Hardwood Floors—Regal Floor Co., 260 Tehama St., San Francisco.
Iron Grille Work—Eandi Artistic Metal Works, 976 23rd Avenue, Oakland.

Foundations and Concrete—Louis Sovisone, 5506 Beaudry St., Emeryville.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.
Mill Work—Oakland Planning Mill, 105 Washington St., Oakland.
Lathing and Plastering—Scott and Spear, 1431 Northside Ave., Berkeley. 14

15— SCHOOLS
 January 14, 1938

BIDS WANTED
LOS ANGELES, Calif.—Until Jan. 28, 2 P. M., bids will be received

by the Los Angeles Board of Education, 1425 San Pedro Street, for construction of a one-story reinforced concrete classroom and auditorium building at the Rio Vista school, 4235 Satsuma Ave., North Hollywood. Separate bids will be taken as follows: (1) general work; (2) heating and ventilating; (3) painting; (5) electric wiring. Appropriation, \$63,040. Chas. M. Hutchison, 1132 Central Bldg., architect; Wm. Mellema, structural engineer; O. W. Ott, mechanical engineer. 15

Completing Plans
SCHOOL BLDG. Est. Cost, \$40,000
ARVIN, Kern Co., Calif.
 Six-classroom school building.
 Owner—Arvin Grammar School Dist.
 Architect—Frank Wynkoop, 313 Harberfelde Bldg., Bakersfield.
 Bids will be advertised shortly.

BIDS WANTED
LOS ANGELES, Calif.—Until Jan. 25, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro Street, for construction of a one-story auditorium and classroom building at the Aragon Ave. school, 1118 Aragon Ave. Est. cost, \$30,500. Separate bids will be taken as follows: (1) general, including plumbing, heating, ventilating and electric wiring; (2) painting. Plans by the architectural section of the board; A. S. Nibecker, Jr., architect.

LOW BIDDERS
LOS ANGELES, Cal.—H. F. Miller, 7530 S. Hobart Blvd., submitted low general bids to Los Angeles Bd. of Education, January 12 at \$46,936, for a one-story reinforced concrete shop building to be built at the Thos. Jefferson high school, 1319 E 28th St. Other low bids were: Plumbing, Wm. D. Kramer, 5437 Maywood Ave., Maywood, \$2350; painting, H. J. McKinley, 9305 Burton Way, Beverly Hills, \$1538; heating and ventilating, Harry Molker, 7327 S Harvard, \$2259; electric wiring, Gerard Vande, 1876 W 38th Place, \$1998. Stiles O. Clemens, 1135 Van Nuys Bldg., architect; Edwin F. Rudolph, structural engineer; E. L. Ellingwood, mechanical engineer. 15

Being Done By Day's Work
LYNWOOD, Los Angeles Co., Cal.—Southern California Conference of Seventh-Day Adventists has started work on a one-story frame and stucco administration building (220 x 120 ft.), the second unit of a school plant being built at 11,061 Locust Ave., Lynwood. Cost, \$40,000. Chas. Nourse, 1406 Bond St., Los Angeles, architect. 15

Sub Contracts Awarded
HIGH SCHOOL Cont. Pr., \$216,289
DINUBA, Tulare Co., Cal. Magnolia and College Avenues.
 Two-story reinf. concrete high school, consisting of 12 classrooms, study hall, offices, rest rooms, store rooms, lobby and corridors, and an auditorium.
 Owner—Dinuba Joint Union High School District.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Contractor—Richmond Constr. Co., P. O. Box 52, Fresno.

Excavating—Stewart & Nuss, Inc.,
 P. O. Box 886, Fresno.
Reinf. Steel—Kyle & Co., 346 G St., Fresno.
Misc. Iron, Bronze, Aluminum—Anchor Post Fence Co., San Francisco.
Structural Steel—Bethlehem Steel Co., San Francisco.
Plumbing and Heating—E. A. New-

man Co., 320 N. H St., Fresno.
Plastering—Joseph Masl, 515 Ocean-
er, Fresno.
Painting—Joe Stretter, P. O. Box 430,
Fresno.
Blackboards—Healey & Popovich, 1911
Merced St., Fresno.
Steel Sash—Healey & Popovich, 1911
Merced St., Fresno.
Glass and Glazing—W. P. Fuller &
Co., Fresno.
Electrical Work—American Electric
Co., San Francisco.
Sheet Metal—Devlin-Drew Co.,
Fresno.

BIDS WANTED
VENTURA CO., Cal.—Until Jan. 26, 7 p.m., bids will be received by the Montalvo School District at Montalvo, Ventura County, for the construction of a new school building, a PWA project. Plans may be obtained from Architect Harold E. Burkett, 468 E. Main St., Ventura, upon deposit of \$5, returnable. Certified or cashier's check or bond for 5% required. Est. cost, \$29,000. 15

Bids Wanted—To Close January 24,
2:00 P. M.
SCHOOL Est. Cost, \$100,000
PORTERVILLE, Tulare Co., Calif.
 Olive Street.
 Reinforced concrete grammar school to contain eight classrooms, library and offices.
 Owner—Porterville Grammar School District.
 Architect—W. D. Coates, Rowell Bldg., Fresno.
 Plans and specifications obtainable at the architect's office upon deposit of \$25.
 Following have taken out plans:
 F. C. Stoite Co., 1405 San Antonio, Alameda.
 Harris Construction Co., 577 McKinley, Fresno.
 Midstate Constr. Co., Pacific-S.W. Bldg., Fresno.
 R. Pedersen, 446 Clark, Fresno.
 Trewhitt-Shields & Fisher, Pacific-Southwest Bldg., Fresno.
 R. P. Moore, 3662 Verrue, Fresno.
 Hodgson & Sons, Porterville.

Bids Wanted—To Close Jan. 31,
3 P. M.
MOVIE SCHOOL Cost, \$.....
NILES, Alameda Co., Cal. Second and School Streets.
 Move a 5-classroom frame and stucco building now on the site of the Niles Grammar School, approximately 200 feet and reconstruct on new foundations, to provide room for a new 1-story school bldg. (approx. 62x125-ft.) containing approx. five classrooms, two toilet rooms, administration offices and auditorium to seat 400; (reinforced conc. footings, wood frame and stucco building, auditorium will be steel frame and reinforced concrete; tile roof) Est. cost, \$90,000.
 Owner—Niles School District.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Plans and specifications obtainable from the architect's office and from the principal's office at the school, upon deposit of \$10.
 Working drawings are now being completed and bids will be asked for construction of the new school building in about one month.

CONTRACT AWARDED
SA FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at \$31,290, awarded contract by the Department of Public Works, City Hall, for excavation and foundation for the Science Building of the San Francisco Junior College, Ocean and Phelan Avenues.
 Complete bids published Jan. 13, 1938.

BOND ELECTION
SAUSALITO, Marin Co., Cal.—The City of Sausalito School District will vote Feb. 14 on a proposal to issue bonds in the amount of \$30,000, proceeds to finance reconstruction of the Central and South Schools.
 Preliminary plans prepared by Architect Walter T. Stelberg, 1 Orchard Lane, Berkeley.

Low Bidders
SCHOOL
PUYALLUP, Wash.
 Addition of two three-story wings and one one-story leanto to present high school.
 Owner—Puyallup High School District, Pierce Co. (R. L. Forbes, Clerk).
 Architect—Mock & Morrison, Perkins Bldg., Tacoma.
 Low bidders follow:
 General Work
 S. S. Mullen, Inc.,
 Hoquiam\$80,500.00

Heating
Advance Plumbing & Heating
Co., 1529 Pacific
Ave., Tacoma 10,687.00
Plumbing
Advance Plumbing & Heating
Co., 1529 Pacific
Ave., Tacoma 3,618.00
Electric Work
Wire Electric Co., 3580
Pacific Ave., Tacoma..... 6,924.00
 Award recommended to low bidders.

Low Bidders
SCHOOL
MABTON, Wash.
 Two-story brick veneer school building, including auditorium-gymnasium; steam heating plant, laboratory equip., lights and power system.
 Owner—Mabton School Dist. (A. L. Ray, Supt. Board of Directors).
 Architect—John W. Maloney, Larson Bldg., Seattle.
 Low bidders follow:
 General Work
 Ekrem Constr. Co., Larson Bldg., Yakima\$54,250.00
Plumbing and Heating
A. G. Hushlight, 407 SE
Morrison, Portland 13,739.00
Electric Work
Tennant Electric Co., 21 N.
1st, Yakima 3,777.00

LOW BIDDERS
LOS ANGELES, Cal.—D. J. Reed, 6348 Colgate Ave., submitted low general bids to Los Angeles Board of Education January 14 at \$58,800, for construction of a one-story, 10-unit frame and stucco classroom building at the Elysian Heights school, 1562 Baxter St. Other low bids were: Plumbing, Theo. Larsen Co., 644 N. Las Palmas, \$3870; electric, Newbery Elec. Corp., 315 W 9th St, \$3653; heating and ventilating, Consolidated Htg. & Vent. Co., 1709 W 8th St., \$4,327; painting, Stanton McGrath, 2340 Beverly Glen Blvd., \$1710. 15

Low Bidder
SCHOOL oCost, \$.....
CASTLE ROCK, Washington.
 Two-story school building (approximately 148x83-feet) with 1-story wing (approx. 60x100-ft.), remodel and repair the existing school buildings.
 Owner—Castle Consolidated School District No. 132, Cowlitz County (Mollie Jackson, Clerk).
 Architect—D. J. Stewart, 707½ Main St., Vancouver, Wash.
 Low Bidder—A. S. Hansen Co., 2200 25th St., Seattle, \$85,600. 15

Contract Awarded
SCHOOL ADDN. Cont. Pr., \$110,960
KLAMATH FALLS, Oregon.
 Gymnasium and shop building addi-

tion to high school.
 Owner—Union High School District
 2, Klamath Falls.
 Architect—Howard Perrin, Klamath
 Falls.

Low Bidder—Brosterhouse Const. Co.,
 Klamath Falls—\$86,719.
 W. M. Lorenz, Klamath Falls, at
 \$18,139, awarded contract for plum-
 bing and heating work, and Carlson
 Electric Shop, Klamath Falls, at \$4,-
 949, awarded contract for electric
 work. 15

Sub Contracts Awarded
AUDITORIUM Cont. Pr., \$133,150
KING CITY, Monterey Co., Calif.
 New High School Auditorium Build-
 ing (stage, small dressing room,
 property room, boiler room, audi-
 torium and balcony seating 1000,
 foyer toilet facilities, closets,
 check room, ticket rooms, etc.)
 Owner—King City High School Dist.
 Architect—Robert Stanton, Hotel Del
 Monte, Del Monte.

Contractor—A. Nelson, Inc., Ocean
 Ave., San Francisco.
Reinforcing Steel—Soule Steel Co.,
 1750 Army St., San Francisco.
Waste Moulds—O. F. Larson & Son,
 480 Potrero Ave., San Francisco.
Structural Steel—Independent Iron
Works, 821 Pine St., Oakland.
Sheet Metal—Morrison & Co., 74 Du-
 boce St., San Francisco.

Title Work—C. L. Frost, 165 Webster
 St., Monterey.
Misc. & Ornamental Iron—Michel &
Pfeffer Iron Works, Inc., 10th
 and Harrison Sts., San Fran-
 cisco.

Mill Work—Lannon Bros. Mfg. Co.,
 5th and Magnolia Sts., Oakland.
Glass and Glazing—Habenicht and
Howlett, 529 Clay St., San Fran-
 cisco.

Wood Stairs—Peirano & Drew, 445
 Bayshore Blvd., San Francisco.
Carpet and Linoleum—Turner
Resilient Floors, Inc., 141 New
 Montgomery St., San Francisco.
Painting—Patterson Bros., 573 Santa
 Rosa Ave., Berkeley.

Plumbing, Heating and Ventilating
 —Harry Lee, 220 California Dr.,
 Burlingame.
Electric Work—Scott-Buttner Elec.
Co., 2214 Webster St., Oakland.

Bids Rejected
SCHOOL
SAN JOAQUIN CO., Calif. Three
 mi. north of Lodi (Huston Gram-
 mar School).
 One-story school building (5 class-
 rooms and auditorium), tile roof.
 Owner—Huston Grammar School
 District.
 Architect—Victor Galbraith, 221 E.
 Acacia St., Stockton.

Bids were rejected as too high;
 plans will be revised and re-ad-
 vertised in about ten days or two weeks.
 Complete general bids received fol-
 low:
 John Hachman, P.O. Box 206, Stock-
 ton—\$90,000.
 C. H. Dodd, Stockton—\$60,786.
 W. C. Hoegerman, Lodi—\$62,205.18.
 Vickroy Constr. Co., Stockton—\$62,-
 647.
 John C. Meyers, Stockton—\$68,260.
 Lodi Plumbing & Heating Co., 119
 N. Sacramento St., Lodi, at \$8,770,
 submitted low bid for plumbing, sheet
 metal, heating and oil burner.

BID CALL CANCELLED
ESCONDIDO, San Diego Co., Cal.—
 Escondido Union School District has
 cancelled call for bids, tentatively set
 for Jan. 31, for three new units to be
 built at the elementary school at
 Maple and Third Aves., Escondido.
 Kistner and Curtis, Spreckels Bldg.,
 San Diego, and 412 Architects' Bldg.,
 Los Angeles, are the architects. *

Bids Wanted — To Close January 31,
 8:00 P. M.
GYM Est. Cost, \$40,000
ELK GROVE, Sacramento Co., Calif.
 One-story frame and stucco gymna-
 sium building, at the high school.
 Owner—Elk Grove Union High Sch.
 District.

Architect—Harry J. Devline, Cronan
 Bldg., Sacramento.
 Plans and specifications obtainable
 from the architect's office upon de-
 posit of \$25.

Bids will be opened at the high
 school.
 Following contractors have taken
 out plans:
 Carlen Construction Co., 147 10th
 St., San Francisco.
 H. W. Robertson, 3004 F St., Sacra-
 mento.

Campbell Construction Co., 800 R
 St., Sacramento.
 Lindgren & Swinerton, Inc., 619 H
 St., Sacramento.
 Lawrence Construction Co., 5372
 Ninth Ave., Sacramento.
 Otto Steinbrener, 2146 Perkins
 Way, Sacramento.

To Be Done By Day's Work
ALTER SCHOOL Cost, \$6,000
SAN FRANCISCO, 920 Sacramento.
 Alter school.
 Owner—Board of National Missions,
 156 Fifth Ave., New York City.
 Plans by A. H. Memler, Berkeley.

Contracts Awarded
SCHOOL Cont. Pr., \$76,831
SAN FRANCISCO, Naples and Italy
 Streets.
 Two-story and basement concrete
 school building (9 classrooms), at
 St. Epiphany's.
 Owner—Roman Catholic Archbishop
 of San Francisco, 1100 Franklin
 St., San Francisco.
 Architect—Henry A. Minton, Under-
 wood Bldg., San Francisco.

Structural Engineer—L. H. Nishkhan,
 525 Market St., San Francisco.
Contractor—Frank J. Reilly Co., 6350
 Fulton St.
 James A. Nelson, Inc., 1375 How-
 ard St., at \$5,290, awarded contract
 for heating, and Wm. J. Forster Sons,
 Ltd., 355 4th St., at \$4,190, awarded
 contract for plumbing.

Low Bidder
SCHOOL
KALAMA, Wash.
 Two-story school building.
 Owner—School District No. 128, Cow-
 litz County (Mrs. G. N. Campbell,
 Chairman).
 Architect—C. N. Freeman, 400 Con-
 cord Bldg., Portland.

Low Bidder—Quoidbach Constr. Co.,
 Longview—\$113,502. 15

CONTRACT AWARDED
SAN DIEGO, Cal.—M. H. Golden,
 531 Bank of America Bldg., San Diego
 awarded contract by Vista Unified
 School District Jan. 15 at \$161,760.50
 (subject to PWA approval) for the
 construction of a new high school
 plant at San Diego Blvd. and Escon-
 dido Ave., Vista. The award was
 made on Mr. Golden's normal com-
 bined bid of \$176,636, with deductions
 totaling \$14,875.50. Included in the
 plant are three buildings: (1) a com-
 bined gymnasium-auditorium, approx.
 114x150 ft.; (2) a classroom unit, ap-
 prox. 70x221-ft.; (3) a classroom unit,
 approx. 37x120 ft. Austin & Wildman,
 architects; Francis N. Dlouhy, struc-
 tural engineer; Julian C. DeConly,
 electrical engineer.

Total combined bids follow:
 M. H. Golden\$176,636
 Hunt & Curry 185,900
 O. H. Strauser 184,000
 Burnzell & Jacobson 186,989
 Starke & Schmidt 196,400
 W. E. Allen 185,000
 Harry Muns 201,300

Eser Wilkhalm 203,260
 W. W. Petley 217,659
 15

Plans Completed
MUSIC BLDG. Est. Cost, \$40,000
SALINAS, Monterey Co., Cal.
 Addition of a one-story frame and
 stucco music building (approxim-
 ately 75 x 100 ft.), to contain a
 band room and twelve practice
 rooms, at the high school.
 Owner—Salinas Union High School
 District.
 Architect—Charles E. Butner, 7 Win-
 ham St., Salinas.

Structural Engineer—F. W. Kellberg,
 320 Market St., San Francisco.
 Plans are now in Sacramento
 awaiting approval of State Division
 of Architecture.

BIDS WANTED
DAVIS, Yolo Co., Cal.—Until Feb.
 9, 11 a.m. bids will be received by the
 Regents of the University of Califor-
 nia, Berkeley, for (1) general con-
 struction, (2) heating and plumbing,
 and (3) electrical work for garage
 unit No. 3 (temporary mathematics
 physics building), to be constructed
 at the University Farm, Davis, Cal.

Plans and specifications may be
 obtained from the Cashier's Office,
 California Hall, University of Califor-
 nia, Berkeley, upon deposit of \$25.

Sub-Contracts Awarded
SCHOOL Cost, \$100,000
SELMA, Fresno Co., Calif.
 Garfield school to contain ten class-
 rooms, offices, rest room, library
 and auditorium to seat 500.
 Owner—Selma Elementary School
 District.
 Architect—W. D. Coates, Rowell
 Bldg., Fresno.

**Contractor—Trehwhitt-Shields & Fish-
 er**, 1501 Pacific Southwest Bldg.,
 Fresno.
Lumber and Cement—Valley Lumber
Co., Selma.
Rock and Sand—Coast Service Co.,
 Selma.

Reinforcing Steel—Kyle & Co., Fresno
Miscellaneous and Iron—R. Hellwig
Iron Works, San Jose.
Millwork—Fresno Planing Mill, Fres-
 no.

**Steel Partitions—Price Bldg. Special-
 ties Co.**, San Francisco.
Painting—G. W. Wilkerson, Fresno.
Plumbing—E. A. Newman Co., Fresno
Heating—Z. Z. Dowd, Fresno.
Electric Wiring—Electric Const. Co.,
 Fresno.

Tile and Marble—Premier Tile and
Marble Co., South Pasadena.
Concrete—W. S. Gisler, Fresno.

BIDS OPENED
SAN FRANCISCO, Cal.—Bureau of
 Building Repairs submitted low bid,
 at \$2,205.04, to the Department of
 Public Works, Room 251, City Hall,
 for construction of a lunch room at
 Edison School, Chattanooga and 22nd
 Streets.

Complete bids follow:
 Bureau of Bldg. Repairs.....\$2,205.04
 De Luca & Son, Inc. 2,615.00
 Empire Constr. Co. 2,697.00
 J. Harold Johnson 2,716.00
 Grant-Martinielli Constr. Co. 2,769.00
 M. E. Vukeyevich 2,773.00
 Peter Sartorio 2,865.00
 Frank J. Reilly 2,881.00
 (8940) 1st report Jan. 10, 1938. * 15

Sub-Contracts Awarded
SCHOOL Cont. Price, \$136,000
PORTERVILLE, Tulare Co., Calif.
 New Bartlett High School (7 class-
 rooms, library, administrative of-
 fices, six special rooms, sewing,
 domestic science, manual train-
 ing and music rooms), reinforced
 concrete construction).

Owner—Porterville Union High Sch.
 District.

Architect—W. D. Coates, Rowell Bldg., Fresno.
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Contractor—Trewitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.
 Lumber and Cement—Brey-Wright Lumber Co., Porterville.
 Rock and Sand—Pacific Coast Aggregates, Lindsay.
 Millwork—Fresno Planing Mill, Fresno.
 Painting—G. W. Wilkerson, Fresno.
 Tile and Marble—Premier Tile and Marble Co., South Pasadena.
 Concrete—Joe Silver, Fresno.
 Metal Partitions—Price Bldg. Specialties Co., San Francisco.

BID OPENING POSTPONED

BERKELEY, Alameda Co., Calif.—Until Jan. 26, 11 A. M. (postponed from Jan. 19), bids will be received by the Regents of the University of California at Berkeley for (1) completion of library stacking and flooring, biology library, the Life Sciences Bldg.; and (2) completion of library stacks and flooring, first, second and third tiers, southwest block of stacks, main stack room, University Library. Plans and specifications obtainable at the office of the Comptroller, Rm. 106, California Hall, University of California, Berkeley. Deposit of \$10 is required for plans and specifications on each job.

Sub-Contracts Awarded

ALTERATIONS Cost, \$25,000
OAKLAND, Alameda Co., Calif. 455 12th Street.
 Alterations to building.
 Owner—Schwartz & Grodin, 455 12th Street, Oakland.
 Architect—Not Given.
 Contractor—S. Kulchar Co., 731 East Tenth St., Oakland.
 Iron Grille Work—Herrick Iron W'ks, 1729 Campbell St., Oakland.
 Concrete, Grading and Foundations—K. Rubenstein & Sons, 668 6th St., Oakland.
 Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
 Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
 Lathing and Plastering—Wm. Makin, 2141 Livingstone St., Oakland.
 Elevator—Otis Elevator Co., 1 Beach St., San Francisco. 15

BIDS WANTED

SAN FRANCISCO—Until Jan. 26, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for sanding 12,000 sq. ft. of hallway floors so linoleum can be cemented down at Fairmount School, Cheney St., bet. Randall and 30th Sts. Specifications obtainable from Supt. of Public Buildings, R. A. Chisholm, 484 11th St.

BIDS OPENED

SAN FRANCISCO, Cal.—Wickwire Spencer Steel Co., 101 Townsend St., at \$84, submitted low bid to the Department of Public Works, Room 251, City Hall, for wire fence at Laguna Honda School, 7th Ave., between Irving and Judah Streets.

Only other bid submitted by Standard Fence Co., at \$86.76.
 (8987) 1st report Jan. 17, 1938. 15

BIDS WANTED

ESCONDIDO, San Diego Co., Cal.—Until Jan. 31, 7:30 (tentative date) bids will be received by the Escondido Union School District for constructing three new units at present elementary school at Maple and 3rd Aves., Escondido. They will be wood frame structures with composition roof and gas heating; est. cost \$150,000. 15

10—BANKS, STORES AND OFFICES

ALTERATIONS Cost, \$17,500
SAN FRANCISCO. NE Pine and Van Ness Ave.
 Alter car washing building.
 Owner—Pacific Gillespie System, Inc., 79 New Montgomery St.
 Architect—Not Given. 16

Plans Being Figured—Bids Close
 January 25, 2 P. M.
TELEPHONE EXCH. BLDG.

Cost, \$.....
SALINAS, Monterey Co., Cal. Pajaro Street bet E. San Luis and Alisal.
 General work for two-story and basement steel frame and fireproof telephone exchange building to house new central office equipment.
 Owner—Pacific Telephone and Telegraph Co. (N. W. Black, local manager).

Plans by Engr. Dept. of Owner.
 Plans are being figured by a selected list of contractors.
 Moore & Roberts, 693 Mission St., San Francisco, is figuring plans and desires sub-bids not later than Jan. 24 on all portions of the work.

As previously reported, contract for excavation work, pile driving, foundation work and erection of steel was awarded Monson Bros., 475 Sixth St., San Francisco.

Plans Completed

GARAGE AND OFFICE BLDG.
 Cost, \$15,000 to \$20,000
SAN FRANCISCO. S. Ellis St., 68 ft. East of Franklin St.
 Two-story reinforced concrete garage and office building, composition roof, cement plaster exterior, wooden floors, steel windows, some asphalt roadway.
 Owner—Bargene Realty Co., Ltd., Monadnock Bldg., San Francisco.
 Architect—Chas. E. J. Rogers, Pheasant Bldg., San Francisco.
 Owner will take bids from a selected list of contractors.

WORK STARTED

LOS ANGELES, Calif.—National Paint & Varnish Co., 1950 E. 1st St., has started work on construction of a 1-story and mezzanine brick factory and office building (80 x 160 ft.) on Washington Blvd., near Soto St., for themselves. Work is being supervised by George Smith. Estimated cost, \$40,000. W. E. Chadwick, structural engineer, 321 Union League Bldg. 16

Contract Awarded
STORE BLDG. Cont. Pr., \$43,070
REDWOOD CITY, San Mateo Co.
 Store building (57x135-feet).
 Owner—Henry A. Beeger, 83 Duane, Redwood City.

Architect—Lazer L. Nausbaum, No. 9 Geary St., San Francisco.
 Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Preparing Plans
ADDITION Cost, \$.....
FRESNO, Fresno Co., Calif. 1146 Fulton Street.
 Concrete and brick store addition to provide an additional 20 ft. frontage for the adjoining \$100,000.00 building now being constructed.
 Owner—Fresno Properties Co., (C. R. Puckhaber, Pres.) Fresno.
 Contractor—Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno.
 Plans are now being prepared by Engineering Department of Lessee in New York City and work is expected to start at about two weeks. 16

Contract Awarded
SHOP & STORE BLDG. Cont. Pr., \$116,851
TACOMA, Wash. S. 35th and Union.
 Reinforced concrete shop and store building (245 x 160 feet).
 Owner—City of Tacoma.
 Plans by W. A. Kunigk, City Water Superintendent.
 Contractor—O. F. Larson & Son, 812 Russ Bldg., Tacoma.
 Contract awarded for building complete. 16

Sub Contracts Awarded
ALTERATIONS AND ADDITIONS Cost, \$10,000
OAKLAND, Alameda Co., Cal. 1522-34 San Pablo Ave.

Alterations and additions to building.
 Owner—The Robert A. Luris Co., 1540 San Pablo Ave.
 Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.
 Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
 Plumbing—W. H. Picard, Inc., 4166 Broadway, Oakland.
 Electric Work—T. L. Rosenberg Co., 411 Webster St., Oakland.
 Plastering—Joseph H. Will, 882 56th St., Oakland.
 Glass and Glazing—Broadway Mirror & Glass Co., 2841 Broadway, Oakland.
 Mill Work—The Oakland Planing Mill, Inc., 105 Washington St., Oakland.
 Steel Facing—Ferro Porcelain Bldg. Co., 1100 57th Ave., Oakland.

Additional Sub Contracts Awarded
OFFICE BLDG. Est. Cost, \$104,750
SAN FRANCISCO. Block bounded by 15th, 16th, Carolina and DeHaro.
 Two-story Class C office bldg. and warehouse (400 x 145 ft.), second story at one end only, 148 x 68 ft. along 400-ft. side; concrete walls, wood posts and girders, wood roof sheeting, composition roof, steel windows, etc.
 Owner—Braun-Knecht-Heimann Co., 584 Mission St.
 Architects—W. P. Day and H. M. Michelson, 405 Montgomery St.
 Contractor—Cahill Brothers, 206 Sansome St.
 Plastering—Peter Bradley, 636 Brannan St., San Francisco.
 Steel Windows—Michel & Pfeffer Iron Works, Inc., Tenth and Harrison Sts.
 Sub contracts previously awarded published Dec. 30, 1937.

CONTRACT AWARDED

BURBANK, Los Angeles Co., Cal.—Curtis Const. Co., 339 W. Washington Blvd., Los Angeles, awarded the general contract by the Capital Co. at \$12,319, for construction of a new bank building on the NW corner of Olive Ave. and Toluca Ave., Burbank, for the Bank of America. Plans by the Capital Co., 643 S. Olive St., Los Angeles. 16

Sub Contracts Awarded
OFFICE BLDG. Cost, \$.....
EMERYVILLE, Alameda Co., Calif. 5915 Green St.
 One-story frame and concrete office building.
 Owner—Westinghouse Electric and Mfg. Co.
 Contractor—P. J. Walker Co., 607 Sharon Bldg., San Francisco.
 Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
 Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
 Sprinklers—James H. Pinkerton Co., 927 Howard St., San Francisco.
 Plumbing—Mac Plumbing & Heating Co., 3103 San Pablo Avenue, Oakland.

Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie Street, Oakland.
 Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
 Masonry—Harry E. Drake, 666 Mission St., San Francisco.
 Glass and Glazing—Smith Glass Co., 635 4th St.
 Plastering—T. D. Sexton, Builders Exchange, Oakland.
 Vault—American Safe Co., 130 Battery St., San Francisco.
 Roofing—General Roofing Co., 3985 Beach St., Oakland.
 Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
 Mill Work—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
 Stairs—Peirano & Drew, 445 Bayshore Blvd., San Francisco.
 Painting—A. E. Gordon, 141 Morris St., San Francisco.

January 20, 1938.

Sub Contract Awarded
REMODEL BLDG. Cost, \$200,000
SAN FRANCISCO. Third and Market Sts.
 Present Hearst Building to be increased 16 feet in height and entire exterior modernized; enlarge lobby, reconstruct elevator doorways.
Owner—The Hearst Estate, Inc.
Architect—Miss Julia Morgan, Merchants Exchange Bldg.
Contractor — K. E. Parker Co., 135 South Park.
Terra Cotta—Gladding McBean & Co., Harrison and Ninth Sts.

Plans Completed
ADDITION Est. Cost, \$80,000
SAN JOSE, Santa Clara Co., Calif.
 Market and Santa Clara Streets.
Addition of third story (100x200-ft.) to present two-story bldg., to be of steel and metal studs or steel and concrete construction; two new elevators.
Owner—L. Hart & Sons, premises.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Segregated bids are now being received for steel and will be opened January 28.

Contract Awarded
STORE Cost, \$.....
BERKELEY, Alameda Co., Cal. Euclid Ave.
 One-story reinforced concrete store building.
Owner — Henry Swartz and George Weiser, c/o Architect.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—D. W. Nicholson, 357 12th St., Oakland.

17— THEATRES

Plans Being Figured—Bids Close
January 25, 12 Noon.
THEATRE Cost, \$.....
SAN RAFAEL, Marin Co., Calif. 618 Fourth Street.
 Rebuild Orpheus theatre recently destroyed by fire.
Owner—Blumenthal Theatres, 25 Taylor St., San Francisco.
Architect—Not Given.
 Moore & Roberts, 693 Mission St., San Francisco, is figuring plans and desire sub-bids not later than Jan. 24 on all portions of the work.

18— WHARVES & DOCKS

Completing Working Drawings
SUB-TERMINAL PLANT Cost \$.....
PORT OF STOCKTON, San Joaquin Co., Calif.
 First unit of sub-terminal plant for barging, to consist of frame of office building, warehouse, loading racks, docking facilities, railroad spur, grading and road work.

Owner—General Petroleum Corporation of California.
Plans by Engr. Dept. of Owner.
 Plans will be completed in about one week.
 (112) * 18

Contract Awarded
REMOVE PIER Cont. Pr., \$15,397
SAN FRANCISCO. Embarcadero.
 Remove old Pier No. 11, immediately north of new Pier No. 9.
Owner—State of California (Board of Harbor Commissioners), Ferry Bldg.
Engineer — Frank G. White, Ferry Bldg.
Contractor—A. W. Kitchen & Co., 110 Market St.
 Complete bids published Jan. 7.

19—MISC. CONSTRUCTION

BIDS OPENED
PLUMAS-SIERRA COS., Calif.—
Fritz Ziebarth, 808 Security Bldg., Long Beach, at \$208,730.55, submitted low bid and was recommended for award by the Plumas-Sierra Rural Electric Corporative, Wm. Hecken-dorn, Secretary, Blairsden, for the construction of approximately 250 miles of distribution lines.
 Complete bids follow:
 Fritz Ziebarth, 808 Security Bldg., Long Beach—\$208,730.55.
 Bennett & Taylor, Los Angeles—\$224,291.61.
 Parker-Schram Co, Portland—\$228,980.95.
 Alta Elec. & Mech. Co., Inc., San Francisco—\$255,743.86.
 E. C. Nickel, Los Angeles—\$257,614.55.
 Kenney Electric Co., San Francisco—\$257,734.89.
 Winston Bros. Co., Los Angeles—\$281,514.52. * 19

BIDS WANTED
BOULDER CITY, Nev.—Until Jan. 27, 2 p.m., bids will be received by Los Angeles Water & Power Purchasing Agent for air conditioning of Hillside House No. 1, Boulder City, Nev.; Spec. No. 2511, as follows:
 (1) Furnish and install complete equipment; materials to consist of central evaporative system with necessary ducts for distribution capable of cooling all rooms during the summer;
 (1a) Same, except that equipment shall consist of central compressor refrigeration system;
 (1b) Same, except that equipment shall consist of central compressor system and condenser feeding cabinet type expansion coils in individual rooms;
 (c) Same, except equipment to consist of central compressor and condenser system with separate expansion coils for upper and lower floors placed so as to reduce amount of duct work. * 19

BIDS WANTED
SEAL BEACH, Orange Co., Calif.—
 Until February 3, 7 P. M., bids will be received by Seal Beach city council for construction of galvanized chain link fences with line posts, corner and gate posts, gates and top rail for Sewage Treatment and Water Plant sites. Alternate bids will be received on footage basis on following items:
 (1) per lf. of fence erected complete with top rail and extension tops;
 (2) per end post complete with bracing;
 (3) per corner post complete with bracing;
 (4) per gate.
 Certified or cashier's check for 10% must accompany bid. O. B. Padrick, city clerk. * 19

BIDS WANTED
ALCATRAZ, Cal.—Until Jan. 25, 2 P. M., bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Invt. No. 1292, Spec. No. 57, for (1) overhauling of main base transmitter; and (2) rebuilding transmitter on launch "McDowell."
 Plans and specifications may be obtained from the above office. * 19

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 25 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for corrugated metal culvert pipe, bituminous coating, 12-, 18-, 24-, 36-, and 42-inch diameters, automatic drainage gates and hand operated culvert delivered to Los Angeles River between Barham Blvd. & Lankershim Blvd., Universal City. Circ. Prop. 237. * 20

BIDS WANTED
ALAMEDA, Calif.—Until Feb. 1, 8:15 p.m., bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for furnishing 320 bbls. Portland cement.
 Plans and specifications available at above office. * 20

BIDS WANTED
OAKLAND, Cal.—Until Jan. 26, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 973, for furnishing 775 pieces of 2½-inch inside diameter asbestos cement water pipe.
 Plans and specifications may be obtained from the above office.

BIDS OPENED
LOS ANGELES, Cal.—The following submitted bids to the Los Angeles Water & Power Purchasing Agent under Spec. No. 2504, for furnishing copper wire and connectors.
 The items are:
 (1) 6000 for No. 6 AWG solid wire;
 (2) 15,000 for No. 4 AWG do;
 (3) 7500 for No. 2 AWG do;
 (4) 7000 for No. 1/0 AWG stranded wire;
 (5) 1500 for No. 2/0 do;
 (6) 750 for No. 4/0 do.
 Total bids follow:
 Burndy Elec. Co., Inc.: (1) \$13.68 (2) \$16.53 (3) \$20.52 (4) \$34.20 (5) \$51.30 (6) \$91.20; 14 days; net.
 Great West Electric Co.: Prices same; 1 to 14 days; net.
 Industrial Engr. & Equip. Corp.: Prices same; 1 to 14 days; net.
 Graybar Electric Co., Inc.: Prices same; 30 days; net.
 Listenwaller & Gough, Inc.: Prices same; 14 days; net.
 General Elec. Supply Corp.: Same prices; 1 to 17 days; net.
 Graham-Reynolds Elec. Co.: Same prices; 1 to 30 days; net.
 Jasper Blackburn Prod. Co.: Same prices; 1 to 14 days; net.
 Westinghouse Elec. Supply Co.: Same prices; 1 day; net.
 Electric Whlse Mart: Same prices; 1 day; net.
 Maydwell & Hartzell, Inc.: Same prices; 1 day; net. * 20

BIDS OPENED
LOS ANGELES, Cal.—The following submitted bids to the Los Angeles Water & Power Purchasing Agent, under Spec. No. 2507, for positive displacement type water meters:
 Gouley Bircham Corp., \$13,520; allowance on turn-in, \$200; delivery, 30 days; 2% 30 days.
 Neptune Meter Co., \$14,976; allow-

ance on turn-in, \$2292.50; 30 days; 2% 30 days.

Worthington - Gamon Meter Co., \$15,080; allowance, \$1380; 30 days; 2% 30 days.

Pittsburgh Equitable Meter Co.: \$16,640; allowance, \$980; 30 days; 1% 30 days.

Hershey Mfg. Co., \$18,700; allowance, \$181.80; 50 days; 2% 20 days.

National Meter Co., \$18,720; no allowance; 30 days; 2% 30 days. *

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 19, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for electric supplies. Circ. Prop. 218.

The lots are:

(1) 1000 ft. all rubber elec. portable cord; 448 lbs. No. 6; 212 lbs. No. 10, and 70 lbs. No. 12 AWG solid copper wire, medium hard drawn; 1000 ft. No. 6 stranded, .05 M. ft. No. 4 stranded and 1000 ft. No. 14 solid rubber insulated copper wire; delivery to 28th St., two blocks east of Santa Fe Ave., Vernon.

(2) 3000 ft. No. 12 elec. portable all rubber cord delivered to Brazil and Exchange Sts.

(3) sockets, reflectors, steel conduit, conduit elbows, condulets, bushings, lock nuts, outlet boxes, delivered to 28th St., two blocks east of Santa Fe Ave., Vernon.

(4) strain insulators, glass insulators, pole pins, brackets, porcelain knobs, porcelain tubes, delivered to 28th St., two blocks east of Santa Fe Ave., Vernon.

(5) general service switches, meter service switches, tumbler switches, delivered same as lot No. 3.

BIDS OPENED

LOS ANGELES, Cal.—M. P. McCaffrey, 1430 N Spring St., at \$5.43 submitted low bid to U. S. Engineer, Los Angeles, for rental of 2-yard dragline. Circ. Prop. 205.

Complete bids were:

M. P. McCaffrey (Koenring 701), \$5.43 hour; total for 700 hours, \$3,700 net.

United Concrete Pipe Corp. (Llma 701), \$7 hr., total, \$4900; disc. 3% 20 days.

R. E. Campbell (Link Belt K-48), \$7 hr., total, \$4900; disc. 1% 10 days. Oswald Bros. (Northwest 78), \$7.50 hr.; total \$5250; net.

Pacific Crane & Rigging, Inc. (Link Belt K-55), \$8.40 hr., total, \$5880.

CONTRACT AWARDED

SAN FRANCISCO.—Rolando Lumber Co., 301 Berry St., San Francisco at \$74.25, 2% 30 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-82, for furnishing 3,000 MPBM Douglas fir lumber, No. 1 common; fob Fort Funston, S. F.

Complete bids follow:

Rolando Lumber Co., 301 Berry St., \$74.25; 2% 30 days.

Loop Lumber Co., \$85.20; 2% 30 days.

Smith Lumber Co., \$87.00; 2% 10 days.

Acme Lumber Co., \$94.50; 2% 3 da.

Allen & Dettmann Lumber Co., \$102; 2% 10 days. *

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until Feb. 2, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1021-D, for furnishing and delivering electric ranges and water heaters for the Government camp at Shasta Dam, Central Valley Project, Calif. Apparatus will be installed by the Government, f.o.b. shipping point and/or Redding, Calif.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

MILK RIVER PROJECT, Mont.—Until Feb. 1, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1020-D, for furnishing and delivering structural steel and steel castings for the highway bridge over the spillway at the Fresno Dam, Milk River Proj., Mont. Materials will be installed by the Government, f.o.b. shipping point and/or Fresno, Mont.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Calif.—La Bolsa Tile Co., Huntington Beach, at \$4,570.50; submitted low bid to U. S. Engineer, Los Angeles, for 16,500 ft. 12-inch drain tile delivered along Compton Creek between Olive and Greenleaf Sts., Compton. Circ. Prop. 209. Other bids were:

John and Wade, Inc., Long Beach, \$4933.50.

Gladding, McBean & Co., Pacific Clay Products and Los Angeles Brick & Clay Co., \$5148.

Plumbing and Heating Supply Co., \$5717.25. *

BIDS OPENED

GILA PROJECT, Ariz.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1007-D, for furnishing approximately 50,000 barrels of modified Portland cement in cloth sacks for the Gila Project, Ariz.; fob shipping point: Southwestern Portland Cement Co., Victorville, Calif., \$1.97; fob Victorville.

Riverside Portland Cement Co., Crestmore, Calif., \$2.003; fob Crestmore.

California Portland Cement Co., Colton, Calif., \$1.93; fob Colton.

Monolith Portland Cement Co., Monolith, Calif., \$2.263; fob Monolith; dis. 20c 10 days.

All bidders allowed credit of 10c each for sacks returned collect. * 20

BIDS WANTED

OAKLAND, Cal.—Until Jan. 25, 1:00 p. m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing steel gratings and curb angle bars for catchbasins for the remainder of the fiscal year.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 375,000 bd. ft. of Douglas fir lumber; Circ. Prop. 208, opened by U. S. Engineer, Los Angeles, were:

Delivered to job at Compton

E. K. Wood Lbr. Co., \$11,865; 2%.

W. E. Cooper Lbr. Co., \$11,862.50; 2%.

Sa. Pedro Lbr. Co., \$12,532.50; 2%.

E. E. Fickling Lbr. Co., \$12,595; 2%.

Glick Bros., \$12,750; 2%.

Fob Mill, Oregon or Washington

Daugherty Lbr. Co., \$7562.50; 2%.

E. K. Wood Lbr. Co., \$7625; 2%.

Kelly-Smith, \$7635; 2%.

Hammond Lumber Co., \$7985; 2%.

Morrill & Sturgeon, \$8090; 2%.

Geo. E. Miller, \$8100; 2%.

Gil Lumber Co., \$8187.50; 2%.

McDonald & Harrington, Ltd., \$8,339.75; 2%.

Patrick Lumber Co., \$8437.50; 2%.

J. F. Sharpe, \$8465; 2%.

Chapman Lumber Co., \$8736.25; 2%.

Booth-Kelly, \$8990; 3%.

Sullivan Lbr. Co., \$9875; 2%.

Partial bids submitted by Engle & Worth and Santa Fe Lbr. Co. * 20

BIDS OPENED

COLORADO RIVER PROJ., Tex.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1009-D, for furnishing ap-

proximately 750,000 barrels of low-hat Portland cement in bulk for the Marshall Ford Dam, Colorado River Project, Texas; fob shipping point and/or Rutledge, Texas.

Longhorn Portland cement Co., San Antonio, Texas, \$2,039; 375,000 bbls.; 10c 15 days; fob Rutledge, Texas.

Universal Atlas Cement Co., Chicago, Ill., \$213; 50,000 bbls.; 10c 15 da. fob Rutledge.

Trinity Portland Cement Co., Dallas, Texas, \$2.01; 750,000 bbls.; 10c 15 days; fob Fort Worth and/or Houston, Texas.

Lone Star Cement Corp., Dallas, \$2.13; 750,000 bbls.; 10c 15 days; fob Rutledge. *

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 24, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for 20,000 bd. ft. D F lumber delivered to Brazil and Exchange Sts. Circ. Prop. 232.

CONTRACT AWARDED

SAN FRANCISCO.—Loop Lumber Co., Central Basin, at \$151.54, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-84, for furnishing 5534 MPBM No. 1 common Douglas fir lumber; f.o.b. Ft. Cronkhite, Marin County.

Complete bids follow:

Loop Lumber Co., Central Basin—\$151.54, 2% 30 days.

Smith Lumber Co.—\$160.02, 2% 10 days.

Acme Lumber Co.—\$163.09, 2% 30 days.

Rolando Lumber Co.—\$167.09, 2% 30 days.

BIDS OPENED

SAN FRANCISCO.—Western Machinery Co., 760 Folsom St., San Francisco, at (1) \$1180, (2) \$24, and (3) \$10.80, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-86, for furnishing (1) wagon mounted drill, (2) drill rods, and (3) detachable bits; f.o.b. Fort Cronkhite, Cal.

Complete bids follow:

Western Machinery Co., 760 Folsom St., San Francisco—(1) \$1180, (2) \$24, (3) \$10.80.

Edward R. Bacon Co., San Francisco—(1) \$1215, (2) \$112, (3) \$13.08.

Worthington Pump & Machinery Corp., San Francisco—(1) \$1215, (2) \$112, (3) \$13.08.

Gardner - Denver Co., San Francisco—(1) \$1215, (2) \$112, (3) \$14.04.

Machinery & Drill Steel Co., Inc., San Francisco—(1) \$1215, (2) \$112.

Bids under advisement. * 20

BID OPENING POSTPON'D

OAKLAND, Cal.—The City of Oakland Port Commission indefinitely postponed the call for bids for furnishing labor and material and placing crusher run rock on 19 h Ave., Oakland. Bids were called for January 17. *

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Rock Products, John D. Gregg, Owl Truck & Materials Co., Arrow Rock Co. and Manning Bros. Rock & Sand Co., at \$73,500 (bidding \$47,000) were awarded contract by U. S. Engineer, Los Angeles, for coarse aggregate and sand. Circ. Prop. 186.

CONTRACT AWARDED

LOS ANGELES, Calif.—American Automatic Electric Sales Co., Chicago at \$19,692.57 was awarded contract by Metropolitan Water District, Los Angeles, for telephone exchange equipment for use at Colorado River Aqueduct pumping plants; Spec. 265.

CONTRACT AWARDED

LOS ANGELES, Cal.—White Transportation Co., 3430 E. Slauson Ave., Maywood, at \$8325 has been awarded contract by the Metropolitan Water District, Los Angeles, for hauling cement for use in construction or portions of San Jacinto tunnel and appurtenant works for which concrete is furnished from the district's west portal batching plant. Spec. 260.

20

BIDS OPENED

CAVITE, P. 1.—Tide Water Associated Oil Co., San Francisco, at \$1,594 1/2 per barrel, submitted low bid to the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing fuel oil for Cavite, P. I. Lots 992 and 993, 70,000 barrels each.

Complete bids were:
 LOT 992—70,000 Bbls. for Cavite, P. I. Tide Water Associated Oil Co., San Francisco, \$1,595.

Union Oil Co., Los Angeles, \$1.63. Standard Vacuum Oil Co., New York (for part only), \$1.97.

Petro. Corp., Los Angeles, \$2.06. Lot 993—70,000 Bbls. for Cavite, P. I. Tide Water Associated Oil Co., San Francisco, \$1,595.

Union Oil Co., Los Angeles, \$1.63. Standard Vacuum Oil Co., New York, \$1.97.

BIDS WANTED

REDDING, Cal.—Until Jan. 26, 3:00 p.m., bids will be received by the Department of Public Works, Division of Highways, G. E. Siebert, Superintendent of Equipment, Shop 2, Redding, for the sale of the following equipment:

CHC 4910—Automobile; Plymouth, 2-door Standard, 1934.

CHC 3798—Truck Chassis, FWD Model "H6" 6 cylinder, 2 ton capacity, 1931.

CHC 3799—Truck Chassis, FWD Model "H6" 6 cylinder, 2 ton capacity, 1931.

CHC 4615—Truck Chassis, Indiana Model 85A, 6 cylinder, 2 ton capacity, dual tires in rear, 1933.

CHC 62—Compressor, Rix, "6", 120 cu. ft. displacement, portable type.

CHC 76—Plow, Snow, North Star, speed type, hydr. hoist.

CHC 77—Plow, Snow, North Star, speed type, hydr. hoist.

CHC 172—Plow, Snow, North Star, reversible type, hydr. hoist.

CHC 45—Trailer, 3-ton, 4-wheel solid rubber tires.

New parts for Mack Mod. "BC" truck approximating \$1,500 in value, also miscellaneous other parts usable for trucks, the total value of everything being about \$2,500.

All equipment may be inspected at the Division of Highways' Yards, Redding, Calif.

20

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 206, for furnishing and delivering 39,000 tons coarse aggregate and 18,225 tons sand into government batch trucks at contractor's batch plant; alternate bids received for 30,000 cu. yds. coarse aggregate and 13,500 cu. yds. sand delivered into govt. batching plant or stock piles located within radius of one mile of intersection of Olive Street and Compton Creek, Compton.

The items are:
 ALTERNATE 1
 (1) 57,225 tons coarse aggregate and sand batched for 1/2 or 1 cu. yd. mixture;

ALTERNATE 2
 (1) 18,000 cu. yds. coarse aggregate, 1 1/2-in. to 3/4-in. size;

(2) 12,000 c.y. coarse aggregate 1-in. to No. 4 mesh size;

(3) 13,500 c.y. sand.

The bids were:
 Consolidated Rock Products and Azusa Rock & Sand Co. (bidding jointly)—Alt. 1, \$1,188 ton; total \$67,983.30; Alt. 2, \$1.40 yd.; total \$60,900; disc. \$0.10 ton or yd. 25th prox.

Commercial Rock Co.—Alt. 1, \$1.53 ton; total, \$87,554.25; Alt. 2, \$1.92 yd.; total \$83,520; allow \$0.55 ton freight rate on S. F. or P. E.; allowed but not prepaid.

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 25, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for treated round wood piling, D R or southern yellow pine; Circ. Prop. 235.

The items are:
 Lot No. 1—deliv. to Centinela Ave. and Ballona Creek:

(1) 3600 lf. (144 pcs.) 20-ft. piles;

(2) 3361 lf. (112 pcs.) 35-ft. piles;

Lot No. 2—deliv. to Compton Creek between Greenleaf and Raymond:

(1) 21,000 lf. (700 pcs.) 30-ft. piles.

* Bid bond 10% must accompany bid.

January 19, 1938.

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 212, for (1) 10,000 gal. special lubricating oil for caterpillar diesel engines and (2) 6000 gal. special lubricating oil for diesel engines other than caterpillar type:

Shell Oil Co., Union Oil Co., Signal Oil Co., Standard Oil Co. submitted identical bids at (1) \$0.51; (2) \$0.37; total \$7320.

Gilmore Oil Co.—(1) \$0.51; (2) no bid.

Richfield Oil Co.—(1) \$0.51 Sinclair Penn; (2) \$0.33 SAE 20 Fourlube; \$0.35 SAE 30 Fourlube.

General Petroleum Co.—(1) \$0.55, (2) Gargoye BTE \$0.515; Ambrex SV \$0.325; Rubrex \$0.245; contract must not exceed \$10,000.

D. A. Lubricant Co., Indianapolis—(1) \$0.638, (2) \$0.638; total \$10,208; disc. 1% 10 da.

Pennant Oil & Grease Co.—(1) \$.38, (2) \$.38; total \$6808 (Champlin).

Rio Grande Oil Co.—(1) \$0.51, (2) \$0.42; total \$7620.

Tidewater Associated Oil Co., San Francisco—(1) \$0.51 RSB Cadel; \$0.54 NRB Cadel; (2) \$0.37 Cycol.

Pennzoil Co.—(1) no bid, (2) \$0.38 Ulla.

Seaside Oil Co.—(1) \$0.54, (2) \$0.37; maximum prices; Cadel; charge \$2 for drums; allow \$1.50 credit.

CONTRACT AWARDED

LOS ANGELES, Cal.—Inland Steel Co. was awarded contract by U. S. Engineer, Los Angeles, for 3,624,737 lbs. of steel sheet piling.

The items are:
 (1) 246 4 cwt. steel sheet piling, interlocking "Z" type, 32 lbs. per sq. ft. of wall, consisting of 11 pcs. 40 ft. long;

(2) 225.72 cwt. same, 38 lbs. per sq. ft. wall (33 pcs. 12 ft. long);

(3) 2325.6 cwt. same (272 pcs. 15 ft. long);

(4) 912 cwt. same (80 pcs. 20 ft. long)

(5) 17,242.5 cwt. same (605 pcs. 50 ft. long);

(6) 12,111.15 cwt. steel sheet piling, interlocking type, 23 lbs. per sq. ft. (2630 pcs. 15 ft. long);

(7) 3078 cwt. steel sheet piling, interlocking type, 22 lbs. per sq. ft. (570 pcs. 15 ft. long);

(8) 48 cwt. master piling, fabricated with a 24-in. 74-lb. WF beam 50 ft. long and steel sheet piling, interlocking "Z" type (1 pc. with one finger section);

(9) 58 cwt. same (1 pc. with one finger and one thumb section).

The bids were:
 Inland Steel Co.: (1) to (5) \$3,275 cwt. (6) and (7) \$3,175; (8) and (9) \$3,875 cwt.; delivered to job; disc. 1/2 of 1% on basing point value.

Bethlehem Steel Co.: (1) to (5) \$3.92 cwt.; (6) and (7) \$3.82; (8) and (9) \$4.52; delivered to job; allow \$1.17 cwt. and equalize if shipped on govt. bill of lading; disc. 1/2 of 1% 10 days on basing point value.

Columbia Steel Co.: (1) to (5) \$3.92 cwt.; (6) and (7) \$3.82; (8) and (9) \$4.52; total, \$140,634.37; disc. 1/2 of 1% 10 days on basing point value; allow commercial freight and equalize if shipped on govt. bill of lading.

20

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 24, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for (1) 40 each, 2-in. gate valves and 6 each 2-in. angle valves; (2) black malleable iron pipe fittings, including tees, couplings, plugs, unions and 2000 ft 2-in. welded steel pipe, delivered to 28th St., 2 blocks east of Santa Fe Ave., Vernon. Circ. Prop. 230.

BIDS WANTED

OAKLAND, Cal.—As previously reported, until Jan. 25, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing steel gratings and frames and curb angle bars for catchbasins for the remainder of the fiscal year.

Plans and specifications may be obtained from the above office.

CONTRACTS AWARDED

SHOSHONE PROJ., Wyo.—Carnegie-Illinois Steel Corp., Denver, Colo., at \$20,961.98 (Sch. 1) and Knoxville Iron Co., Knoxville, Tenn., at \$2,201.21 (Sch. 2), were awarded contracts by the Bureau of Reclamation, Washington, D. C., under Bid No. 48,101-A, for furnishing round and square def. bars of various sizes, f.o.b. Cody, Wyo.

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$250; 21 Jerome Avenue, Piedmont; owner, G. W. Goldsmith, Prem.; contractor, O. L. Burritt, 427 63rd St., Oakland.

REPAIRS, \$232; 49 Sierra Ave., Piedmont; owner, W. R. Griswold, Prem.; contractor, O. L. Burritt, 427 63rd St.

ALTERATIONS, \$90; 580 Spruce St., Berkeley; owner, W. P. Webber, Prem.; contractor, C. E. Rednuss, 2144 Spaulding.

GARAGE, \$300; 1797 Thousand Oaks, Berkeley; owner and contractor, Fred Holmes, Prem.

RE-ROOF, \$160; 2140 Los Angeles, Berkeley; owner, C. R. Stone, Prem.; contractor, Elliott & Elliott, 770 22nd St., Oakland.

RE-ROOF, \$142; 2950 Benvenue, Berkeley; owner, Miss Shattuck, Prem.; contractor, H. Hawkins, 2986 College.

GARAGE, 1-story, \$225; 344 41st St., Oakland; owner and contractor, E. F. Smith, Prem.

RE-ROOFING, \$30; 3339 Broadway, Oakland; owner and contractor, E. C. Baker, 3401 Broadway.

RE-ROOFING, \$30; 3337 Broadway, Oakland; owner and contractor, E. C. Baker, 3401 Broadway.

RE-ROOFING, \$30; 3335 Broadway, Oakland; owner and contractor, E. C. Baker, 3401 Broadway.

ALTERATIONS, \$400; 1418 Webster St., Oakland; owner, Cameron, Inc., Prem.; contractor, Julius Hovaintz, 2335 74th Ave.

ance on turn-in, \$2292.50; 30 days; 2% 30 days.
Worthington - Gamon Meter Co. \$15,080; allowance, \$1380; 30 days; 2% 30 days.

Pittsburgh Equitable Meter Co.: \$16,640; allowance, \$980; 30 days; 1% 30 days.

Hershey Mfg. Co., \$18,700; allowance, \$181.80; 50 days; 2% 20 days.

National Meter Co., \$18,720; no allowance; 30 days; 2% 30 days. *

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 19, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for electric supplies. Circ. Prop. 218.

The lots are:

(1) 1000 ft. all rubber elec. portable cord; 448 lbs. No. 6; 212 lbs. No. 10, and 70 lbs. No. 12 AWG solid copper wire, medium hard drawn; 1000 ft. No. 6 stranded, 0.5 M. ft. No. 4 stranded and 1000 ft. No. 14 solid rubber insulated copper wire; delivery to 28th St., two blocks east of Santa Fe Ave., Vernon.

(2) 3000 ft. No. 12 elec. portable all rubber cord delivered to Brazil and Exchange Sts.

(3) sockets, reflectors, steel conduit, conduit elbows, condulets, bushings, lock nuts, outlet boxes, delivered to 28th St., two blocks east of Santa Fe Ave., Vernon.

(4) strain insulators, glass insulators, pole pins, brackets, porcelain knobs, porcelain tubes, delivered to 28th St., two blocks east of Santa Fe Ave., Vernon.

(5) general service switches, meter service switches, tumbler switches, delivered same as lot No. 3.

BIDS OPENED

LOS ANGELES, Cal.—M. P. McCaffrey, 1430 N Spring St., at \$5.43 submitted low bid to U. S. Engineer, Los Angeles, for rental of 2-yard dragline. Circ. Prop. 205.

Complete bids were:

M. P. McCaffrey (Koenig 701), \$5.43 hour; total for 700 hours, \$3,701 net.

United Concrete Pipe Corp. (Llma 701), \$7 hr.; total, \$4900; disc. 3% 20 days.

R. E. Campbell (Link Belt K-48), \$7 hr., total, \$4900; disc. 1% 10 days. Oswald Bros. (Northwest 78), \$7.50 hr.; total \$9250; net.

Pacific Crane & Rigging, Inc. (Link Belt K-55), \$8.40 hr., total, \$5880.

CONTRACT AWARDED

SAN FRANCISCO.—Rolando Lumber Co., 301 Berry St., San Francisco at \$74.25, 2% 30 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-82, for furnishing 3,000 MFMB Douglas fir lumber, No. 1 common; fob Fort Funston, S. F.

Complete bids follow:

Rolando Lumber Co., 301 Berry St., \$74.25; 2% 30 days.
Loop Lumber Co., \$85.20; 2% 30 days.
Smith Lumber Co., \$87.00; 2% 10 days.
Acme Lumber Co., \$94.50; 2% 3 da.
Allen & Dettmann Lumber Co., \$102; 2% 10 days. *

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until Feb. 2, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1021-D, for furnishing and delivering electric ranges and water heaters for the Government camp at Shasta Dam, Central Valley Project, Calif. Apparatus will be installed by the Government, f.o.b. shipping point and/or Redding, Calif.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

MILK RIVER PROJECT, Mont.—Until Feb. 1, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1020-D, for furnishing and delivering structural steel and steel castings for the highway bridge over the spillway at the Fresno Dam, Milk River Proj., Mont. Materials will be installed by the Government, f.o.b. shipping point and/or Fresno, Mont.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Calif.—La Bolsa Tile Co., Huntington Beach, at \$4,570.50; submitted low bid to U. S. Engineer, Los Angeles, for 16,500 ft. 12-inch drain tile delivered along Compton Creek between Olive and Greenleaf Sts., Compton. Circ. Prop. 209. Other bids were:
John and Wade, Inc., Long Beach, \$4933.50.

Gladding, McBean & Co., Pacific Clay Products and Los Angeles Brick & Clay Co., \$5148.

Plumbing and Heating Supply Co., \$5717.25. *

BIDS OPENED

GILA PROJECT, Ariz.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1007-D, for furnishing approximately 50,000 barrels of modified Portland cement in cloth sacks for the Gila Project, Ariz.; fob shipping point: Southwest Portland Cement Co., Victorville, Calif., \$1.97; rob Victorville.

Riverside Portland Cement Co., Crestmore, Calif., \$2.003; fob Crestmore.

California Portland Cement Co., Colton, Calif., \$1.93; fob Colton.

Monolith Portland Cement Co., Monolith, Calif., \$2.263; fob Monolith; dis. 20c 10 days.

All bidders allow credit of 10c each for sacks returned collect. * 20

BIDS WANTED

OAKLAND, Cal.—Until Jan. 25, 1:00 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing steel gratings and curb and angle bars for catchbasins for the remainder of the fiscal year.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 375,000 bd. ft. of Douglas fir lumber; Cir. Prop. 208, opened by U. S. Engineer, Los Angeles, were:

Delivered to job at Compton
E. K. Wood Lbr. Co., \$11,685; 2%.
W. E. Cooper Lbr. Co., \$11,622.50; 2%.
San Pedro Lbr. Co., \$2,352.50; 2%.
A. E. Fickling Lbr. Co., \$12,595; 2%.
Glick Bros., \$12,750; 2%.

Fob Mill, Oregon or Washington
Daugherty Lbr. Co., \$7562.50; 2%.
E. K. Wood Lbr. Co., \$7625; 2%.
Kelly-Smith, \$7635; 2%.

Hammond Lumber Co., \$7985; 2%.
Morrill & Sturgeon, \$8090; 2%.
Geo. E. Miller, \$8100; 2%.

Glenn Lumber Co., \$8187.50; 2%.
McDonald & Harrington, Ltd., \$8,339.75; 2%.

Patrick Lumber Co., \$8437.50; 2%.
J. F. Sharpe, \$8465; 2%.

Chapman Lumber Co., \$8736.25; 2%.
Booth-Kelly, \$8990; 3%.
Sullivan Lbr. Co., \$9875; 2%.

Partial bids submitted by Engle & Worth and Santa Fe Lbr. Co. * 20

BIDS OPENED

COLORADO RIVER PROJ., Tex.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1009-D, for furnishing ap-

proximately 750,000 barrels of low-hate Portland cement in bulk for the Marshall Fort Dam, Colorado River Project, Texas; fob shipping point and/or Rutledge, Texas.

Longhorn Portland cement Co., San Antonio, Texas, \$2,039; 375,000 bbls.; 10c 15 days; fob Rutledge, Texas.

Universal Atlas Cement Co., Chicago, Ill., \$2.13; 50,000 bbls.; 10c 15 days; fob Rutledge.

Trinity Portland Cement Co., Dallas, Texas, \$2.01; 750,000 bbls.; 10c 15 days; fob Fort Worth and/or Houston, Texas.

Lone Star Cement Corp., Dallas, \$2.13; 750,000 bbls.; 10c 15 days; fob Rutledge. *

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 24, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for 20,000 bd. ft. D F lumber delivered to Brazil and Exchange Sts. Circ. Prop. 222.

CONTRACT AWARDED

SAN FRANCISCO.—Loop Lumber Co., Central Basin, at \$151.34, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-84, for furnishing 5534 MFMB No. 1 common Douglas fir lumber; f.o.b. Ft. Cronkhite, Marin County.

Complete bids follow:

Loop Lumber Co., Central Basin—\$151.34, 2% 30 days.

Smith Lumber Co.—\$160.02, 2% 10 days.

Acme Lumber Co.—\$163.09, 2% 30 days.

Rolando Lumber Co.—\$167.09, 2% 30 days.

BIDS OPENED

SAN FRANCISCO.—Western Machinery Co., 760 Folsom St., San Francisco, at (1) \$1180, (2) \$24, and (3) \$10.80, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-86, for furnishing (1) wagon mounted drill, (2) drill rods, and (3) detachable bits; f.o.b. Fort Cronkhite, Cal.

Complete bids follow:

Western Machinery Co., 760 Folsom St., San Francisco—(1) \$1180, (2) \$24, (3) \$10.80.

Edward R. Bacon Co., San Francisco—(1) \$1215, (2) \$12, (3) \$13.08.

Worthington Pump & Machinery Corp., San Francisco—(1) \$1215, (2) \$12, (3) \$13.08.

Gardner-Davver Co., San Francisco—(1) \$1215, (2) \$12, (3) \$14.04.

Machinery & Drill Steel Co., Inc., San Francisco—(1) \$1215, (2) \$12. Bids under advisement. * 20

BID OPENING POSTPONED

OAKLAND, Cal.—The City of Oakland Port Commission indefinitely postponed the call for bids for furnishing labor and material and placing crusher run rock on 19th Ave., Oakland. Bids were called for January 17. *

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Rock Products, John D. Gregg, Owl Truck & Material Co., Arrow Rock Co., and Manning Bros. R. & Sand Co., at \$73,500 (bidding 4% bid) were awarded contract by U. S. Engineer, Los Angeles, for coarse aggregate and sand. Circ. Prop. 186.

CONTRACT AWARDED

LOS ANGELES, Calif.—American Automatic Electric Sales Co., Chicago at \$13,692.57 was awarded contract by Metropolitan Water District, Los Angeles, for telephone exchange equipment for use at Colorado River Aqueduct pumping plants; Spec. 265.

CONTRACT AWARDED

LOS ANGELES, Cal.—White Transportation Co., 3430 E. Slauson Ave., Maywood, at \$8325 has been awarded contract by the Metropolitan Water District, Los Angeles, for hauling cement for use in construction or portions of San Jacinto tunnel and appurtenant works for which concrete is furnished from the district's west portal batching plant. Spec. 260.

20

BIDS OPENED

CAVITE, P. 1.—Tide Water Associated Oil Co., San Francisco, at \$1,594 1/2 per barrel, submitted low bid to the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing fuel oil for Cavite, P. I. Lots 992 and 993, 70,000 barrels each.

Complete bids were:
LOT 992-70,000 Bbls. for Cavite, P. I. Tide Water Associated Oil Co., San Francisco, \$1,595.

Union Oil Co., Los Angeles, \$1.63. Standard Vacuum Oil Co., New York (for part only), \$1.97.

Petrol Corp., Los Angeles, \$2.06. Lot 993-70,000 Bbls. for Cavite, P. I. Tide Water Associated Oil Co., San Francisco, \$1,595.

Union Oil Co., Los Angeles, \$1.63. Standard Vacuum Oil Co., New York, \$1.97.

(2) 12,000 c.y. coarse aggregate 1-in. to No. 4 mesh size;
(3) 13,500 c.y. sand.

The bids were:
Consolidated Rock Products and Azusa Rock & Sand Co. (bidding jointly)—Alt. 1, \$1,188 ton; total \$67,983.30; Alt. 2, \$1,40 yd.; total \$60,900; disc. \$0.10 ton or yd. 25th prox.
Commercial Rock Co.—Alt. 1, \$1,53 ton; total, \$87,554.25; Alt. 2, \$1,92 yd.; total, \$83,520; allow \$0.55 ton freight rate on S. P. or P. E.; allowed but not prepaid.

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 25, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for treated round wood piling, D R or southern yellow pine; Circ. Prop. 235.

The items are:
Lot No. 1—deliv to Centinela Ave. and Ballona Creek:

(1) 3600 lf. (144 pcs.) 30-ft. piles;
(2) 3361 lf. (112 pcs.) 25-ft. piles;

Lot No. 2—deliv to Compton Creek between Greenleaf and Raymond:

(1) 21,000 ft. (700 pcs.) 30-ft. piles.
Bid bond 10% must accompany bid.

January 19, 1938.

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 212, for (1) 10,000 gal. special lubricating oil for caterpillar diesel engines and (2) 6000 gal. special lubricating oil for diesel engines other than caterpillar type:

Shell Oil Co., Union Oil Co., Signal Oil Co., Standard Oil Co. submitted identical bids at (1) \$0.51; (2) \$0.37; total \$7320.

Gilmore Oil Co.—(1) \$0.51; (2) no bid.
Richfield Oil Co.—(1) \$0.51 Sinclair Penn; (2) \$0.33 SAE 20 Fourlube; \$0.35 SAE 30 Fourlube.

General Petroleum Co.—(1) \$0.55, (2) Gargoyle BTE \$0.515; Ambrex SV \$0.325; Rubrex \$0.245; contract must not exceed \$10,000.

D. A. Lubrant Co., Indianapolis—(1) \$0.638, (2) \$0.638; total \$10,208; disc. 1% 10 da.

Pennant Oil & Grease Co.—(1) \$38, (2) \$38; total \$6080 (Champlin).
Rio Grande Oil Co.—(1) \$0.51, (2) \$0.42; total \$7620.

Tidewater Associated Oil Co., San Francisco—(1) \$0.51 RSB Cadel; \$0.54 NRB Cadel; (2) \$0.37 Cycel.

Pennzoil Co.—(1) no bid, (2) \$0.33 Ulla.

Seaside Oil Co.—(1) \$0.54, (2) \$0.37; maximum prices; Cadel; charge \$2 for drums; allow \$1.50 credit.

CONTRACT AWARDED

LOS ANGELES, Cal.—Inland Steel Co. was awarded contract by U. S. Engineer, Los Angeles, for 3,624,737 lbs. of steel sheet piling.

The items are:
(1) 2464 cwt. steel sheet piling, interlocking "Z" type, 32 lbs. per sq. ft. of wall, consisting of 11 pcs. 40 ft. long;

(2) 225.72 cwt. same, 38 lbs. per sq. ft. wall (33 pcs. 12 ft. long);

(3) 2325.6 cwt. same (272 pcs. 15 ft. long);

(4) 912 cwt. same (80 pcs. 20 ft. long)

(5) 17,242.5 cwt. same (605 pcs. 50 ft. long);

(6) 12,111.15 cwt. steel sheet piling, interlocking type, 23 lbs. per sq. ft. (2630 pcs. 15 ft. long);

(7) 3078 cwt. steel sheet piling, interlocking type, 22 lbs. per sq. ft. (570 pcs. 15 ft. long);

(8) 48 cwt. master piling, fabricated with a 24-in. 74-lb. WF beam 50 ft. long and steel sheet piling, interlocking "Z" type (1 pc. with one finger section);

(9) 58 cwt. same (1 pc. with one finger and one thumb section).

The bids were:
Inland Steel Co.: (1) to (5) \$3,275 cwt. (6) and (7) \$3,175; (8) and (9) \$3,875 cwt.; delivered to job; disc. 1/2 of 1% on basing point value.

Bethlehem Steel Co.: (1) to (5) \$3,92 cwt.; (6) and (7) \$3,82; (8) and (9) \$4.52; delivered to job; allow \$1.17 cwt. and equalize if shipped on govt. bill of lading; disc. 1/2 of 1% 10 days on basing point value.

Columbia Steel Co.: (1) to (5) \$3.92 cwt.; (6) and (7) \$3.82; (8) and (9) \$4.52; total, \$140,634.37; disc. 1/2 of 1% 10 days on basing point value; allow commercial freight and equalize if shipped on govt. bill of lading.

20

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 24, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for (1) 40 each, 2-in. gate valves and 6 each 2-in. angle valves; (2) black malleable iron pipe fittings, including tees, couplings, flugs, unions and 2000 ft 2-in. welded steel pipe, delivered to 28th St., 2 blocks east of Santa Fe Ave., Vernon. Circ. Prop. 230.

BIDS WANTED

OAKLAND, Cal.—As previously reported, until Jan. 25, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing steel gratings and frames and curb angle bars for catchbasins for the remainder of the fiscal year.

Plans and specifications may be obtained from the above office.

CONTRACTS AWARDED

SHOSHONE PROJ., Wyo.—Carnegie-Illinois Steel Corp., Denver, Colo., at \$20,961.98 (Sch. 1) and Knoxville Iron Co., Knoxville, Tenn., at \$2,201.21 (Sch. 2), were awarded contracts by the Bureau of Reclamation, Washington, D. C., under Bid No. 48,101-A, for furnishing round and square def. bars of various sizes, f.o.b. Cody, Wyo.

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$250; 21 Jerome Avenue, Piedmont; owner, G. W. Goldsmith, Prem.; contractor, O. L. Burritt, 427 63rd St., Oakland.

ALTERATIONS, \$90; 580 Spruce St., Berkeley; owner, W. P. Webber, Prem.; contractor, C. E. Rednour, 2144 Spaulding.

GARAGE, \$300; 3797 Thousand Oaks, Berkeley; owner and contractor, Fred Holmes, Prem.

RE-ROOF, \$160; 2140 Los Angeles, Berkeley; owner, C. R. Stone, Prem.; contractor, Elliott & Elliott, 770 22nd St., Oakland.

RE-ROOF, \$142; 2950 Benvenue, Berkeley; owner, Miss Shattuck, Prem.; contractor, H. Hawkins, 2986 College.

GARAGE, 1-story, \$225; 344 41st St., Oakland; owner and contractor, E. F. Smith, Prem.

RE-ROOFING, \$30; 3339 Broadway, Oakland; owner and contractor, E. C. Baker, 3401 Broadway.

RE-ROOFING, \$30; 3337 Broadway, Oakland; owner and contractor, E. C. Baker, 3401 Broadway.

RE-ROOFING, \$30; 3335 Broadway, Oakland; owner and contractor, E. C. Baker, 3401 Broadway.

ALTERATIONS, \$400; 1418 Webster St., Oakland; owner, Cameron, Inc., Prem.; contractor, Julius Hovaintz, 2535 74th Ave.

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 206, for furnishing and delivering 39,000 tons coarse aggregate and 18,225 tons sand into government batch trucks at contractor's batch plant; alternate bids received for 30,000 cu. yds. coarse aggregate and 13,500 cu. yds. sand delivered into govt. batching plant or stock piles located within radius of one mile of intersection of Olive Street and Compton Creek, Compton.

The items are:
ALTERNATE 1
(1) 57,225 tons coarse aggregate and sand batched for 1/2 or 1 cu. yd. mixture;

ALTERNATE 2
(1) 18,000 cu. yds. coarse aggregate, 1 1/2-in. to 3/4-in. size;

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|---|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harber Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Machinery and Equipment |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Railroads | 34.—Parks & Play-grounds |
| 26.—Fire Alarm Sys. | 35.—Tunnels |
| 27.—Fire Equipment | |
| 28.—Streets & Highways | |

21— BRIDGES

COMPLETE BIDS

LOS ANGELES CO., Cal.—J. S. Metzger & Son, 408 S. Spring St., Los Angeles at \$46,779.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening bridge across Corral Creek, Solstice Creek and Escondido Creek at points about sixteen miles north of Santa Monica, Los Angeles County.

Work involves:

- (1) 350 c.y. exist. conc. to be removed and disposed of;
- (2) 1,900 c.y. struc. excav.;
- (3) 200,000 lbs. bar reinf. steel;
- (4) 1,320 c.y. Class A Portland cement concrete struc.;
- (5) 24 c.y. do. (railing);
- (6) 5 c.y. rock wall;
- (7) 493 lf. temporary timber railing;
- (8) 1 lot misc. items of work.

Total bids follow:

- | | |
|---|-------------|
| (A) J. S. Metzger & Son,
408 S. Spring St. L. A..... | \$46,779.50 |
| (B) John Strona, Pomona..... | 49,970.00 |
| (C) J. E. Haddock, Ltd.,
Pasadena..... | 51,322.75 |
| (D) Oscar Oberg, Los Angeles..... | 54,582.50 |
| (E) Byerts & Dunn, Los Angeles..... | 58,486.00 |

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1) \$ 6.00	15.00	\$ 14.00	15.30	\$ 17.00	
(2)	3.00	4.00	3.25	5.00	6.00
(3)	.048	.047	.048	.046	.05
(4)	20.00	17.20	20.25	20.40	20.00
(5)	60.00	50.00	60.00	55.40	50.00
(6)	20.00	15.00	15.00	8.00	10.00
(7)	1.50	2.00	1.75	1.50	2.00
(8)	700.00	2755.00	1600.00	1500.00	2500.00

BIDS WANTED

MT. VERNON, Skagit Co., Wash.—Until Jan. 31, 2 p.m., bids will be received by the Skagit County Engineer, W. A. Costello, for the construction of a pile trestle, pile bridge, rock revision and timber trestle on Fir-Conway Bridge 299 over Skagit River.

Plans and specifications may be obtained from the above office. * 21

CONTRACT AWARDED

SAN DIEGO, Cal.—M. H. Golden, 531 Bank of America Bldg., San Diego, at \$38,533.11, awarded contract by the State Division of Highways, State Highway Engineer, 1365 Harbor Blvd., San Diego, for the construction of a reinforced concrete slab bridge across Sweet Water River between National City and Chula Vista on Highland Avenue, consisting of eighteen 22-ft. 0-in. spans and two 7-ft. 6-in. spans on cast-in-place concrete pile bents, San Diego Co. * 21

BIDS WANTED

ORANGE CO., Cal.—Until Feb. 10, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing a bridge across Santa Ana River about one mile north of Olive and approximately twelve hundredths mi. grading and surfacing with plant-mixed surfacing the approach roadway, Orange Co., Calif.

Work involves:

- (1) 1 lot portions of existing bridge to be removed and disposed of;
- (2) 110 c.y. existing concrete to be removed and disposed of;
- (3) 7 sta. clear and grub;
- (4) 200 M. gals. water;
- (5) 60 c.y. roadway excavation, without classification;
- (6) 20 c.y. struc. excav.;
- (7) 5,000 c.y. import borrow;
- (8) 7 sta. finishing roadway;
- (9) 2 tons liq. asphalt, SC-2 (prime coat);
- (10) 350 tons min. aggregate (plant-mix surf.);
- (11) 20 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
- (12) 42,000 lbs. bar reinf. steel;
- (13) 220 c.y. class A portland cement concrete;
- (14) 135 MFBM Douglas fir timber;
- (15) 1,350 lf. timber curb and railing;
- (16) 18 lf. 15-in. CMP;
- (17) 36 lf. remove and relay pipe culverts;
- (18) 30 lf. laminated guard railing;
- (19) 2 each, culvert markers;
- (20) 1 lot painting;
- (21) 1 lot misc. items of work.

The State will furnish CMP and band couplers, etc.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SAN FRANCISCO.—Until Feb. 9, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for the construction of a pedestrian underpass at junction of low viaduct and on-ramp, Golden Gate Bridge, Marina approach. Estimated cost, \$4000.

Plans and specifications may be obtained from C. H. Sawyer, Room 265, upon the deposit of \$5.00. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

SEATTLE, Wash.—Puget Sound Bridge & Dredging Co., 2929 16th SW, Seattle, at \$23,075, submitted low bid to the U. S. Engineer Office, 754 Central Bldg., Seattle, for dredging about 325,000 c.y. of material from Everett Harbor, Wash. Est. cost,

\$35,355.

Complete bids follow:

Puget Sound Bridge & Dredging Co., 2929 16th SW, Seattle—\$23,075.
General Construction Co., Seattle—\$26,677.
Tacoma Dredging Co., Tacoma—\$27,802. * 22

BIDS WANTED

ALAMEDA, Calif.—Until Feb. 9, 11 a.m. (date postponed from Jan. 26), bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8414, for dredging and filling; stone seawalls and jetties; and steel sheet-pile bulkheads and pier, including wood piles and timber work and concrete curbs at the Naval Air Station, Alameda. Estimated cost, \$950,000.

Plans and specifications may be obtained at the Bureau or the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10. * 22

BIDS WANTED

RICHMOND, Contra Costa Co., Cal.—Until Jan. 31, 8 p.m., bids will be received by the Richmond City Council, City Clerk, City Hall, for 69,000 cu. yds. dredging at Ford Channel, Richmond Inner Harbor. Work involves: furnishing labor, material, equipment and doing work of excavating, transporting and dumping material.

Plans and specifications may be obtained from the City Engineer, E. A. Hoffman, City Hall, upon deposit of \$5.00. * 22

BIDS WANTED

SAN FRANCISCO.—Until Jan. 28, 3 P. M., bids will be received by the Public Utilities Commission, Room 237, City Hall, for exploration and dredging at the San Francisco Airport.

Work involves:

- (1) 22,000 c.y. excavation;
- (2) lump sum, 2-in. soil samples and 4-in. soil samples;
- (3) 140 hours dredge rental.

Plans and specifications may be obtained from Room 605, 425 Mason St., San Francisco, upon deposit of \$10.00. * 22

23— CANALS

BIDS WANTED

SHOSHONE PROJECT, Wyo.—Until Feb. 10, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Cody, Wyo., under Spec. No. 769, for the construction of earthwork, canal lining and structures, Station 712 to Station 920, Heart Mountain Canal, Heart Mountain Division, Shoshone Project, Wyoming.

Work involves:

- (1) 475,100 c.y. of all classes of excavation for canal;
- (2) 7,000 c.y. of all classes of excavation for structures;
- (3) 5,700 sta. c.y. of overhaul;
- (4) 3,800 c.y. of excavation for drainage channels and dikes;
- (5) 10,500 c.y. of compacted embankment;
- (6) 4,350 sq. yds. of preparing rock foundations for concrete lining;
- (7) 6,780 sq. yds. of trimming earth foundations for concrete lining;
- (8) 37,000 c.y. of backfill about structures;
- (9) 4,610 c.y. of concrete in structures;
- (10) 1,235 c.y. of concrete in canal lining;

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

- (11) 850 sq. yds. of dry-rock paving;
- (12) Placing 1,401,000 lbs. of reinf. bars;
- (13) Erecting 9 MFBM of timber in bridge;
- (14) Constructing 3,160 l.f. of 6-in. diam. sewer pipe drains;
- (15) Laying 320 l.f. of 18-in. diam. concrete pipe; and
- (16) Installing 6,270 lbs. of gates and other metalwork.

Plans and specifications may be obtained from the above office. * 23

BIDS WANTED

YAKIMA PROJECT, Wash.—Until Feb. 9, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 770, for the construction of earthwork, tunnel, and canal lining, Station 1594 +72 to Station 1641+15, Yakima Ridge Canal, Roza Division, Yakima Proj., Wash.

Work Involves:

- (1) 55,000 c.y. of excavation for canal;
 - (2) 15,000 sta. c.y. of overhaul;
 - (3) 1,500 c.y. of excav. for transitions and outlet drain;
 - (4) 29,860 c.y. of excav. in tunnel;
 - (5) 50 c.y. of compacting embankment;
 - (6) 150 sq. yds. of preparing rock foundations for concrete lining;
 - (7) 3,200 sq. yds. of trimming earth foundations for concrete lining;
 - (8) 200 c.y. of backfill;
 - (9) 7,000 c.y. of concrete in tunnel;
 - (10) 150 c.y. of concrete in portals and transitions;
 - (11) 360 c.y. of concrete in canal lining;
 - (12) 400 cu. ft. of pressure grouting;
 - (13) Placing 44,500 lbs. of reinforcement bars;
 - (14) Furnishing and placing 450,000 lbs. of permanent steel tunnel supports;
 - (15) Furnishing and erecting 160 MF BM permanent timbering in tunnel;
 - (16) Furnishing and installing 30,000 lbs. of steel tunnel-liner plates;
 - (17) Drilling 200 l.f. of grout holes;
 - (18) Constructing 5,560 l.f. of 6-in. to 10-in. dalm. sewer pipe drains.
- Plans and specifications may be obtained from the above office. * 23

25—MACHINERY AND EQUIPMENT

BIDS OPENED

RIO GRANDE PROJ., N. M.—Tex.—Ruth Dredger Mfg. Corp., Los Angeles, at \$15,880, wt. 48,000; disc. 1/4% fob Los Angeles, submitted only bid to the Bureau of Reclamation, Denver, under Spec. No. 1010-D, for furnishing one ditch-cleaning and excavating machine of the crawler-traction type and endless-chain bucket-digging-unit type, to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Rio Grande Project, N. M.—Texas; fob shipping point and/or Las Cruces, New Mexico. * 25

BIDS OPENED

BISHOP, Inyo Co., Calif.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 32452, Req. No. 2970, for furnishing two 8-ft. pneumatic tired leaning wheel graders; fob Bishop. Trade-in allowances to be made on two Austin graders:

J. D. Adams Co., San Francisco, \$1458.40; allowance \$470 and \$325; 2% 30 days.

Shepherd Tractor & Equip. Co., Los Angeles, \$1394.90; allowance \$340.00 each; discount \$50 30 days.

Crook Co., \$1277.50; allowance \$240 each, 2% 30 days.

Smith Booth Usher Co., Los Angeles, \$1165.50; \$200 each; 2% 30 days.

J. D. Tucker, Sacramento, \$1290.00; 2% 30 days. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 25, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for rental of 90-hp. tractor with cable-controlled angledozer without operator for use in Los Angeles county drainage area, delivered to Compton Creek, near Willowbrook Ave., near City of Compton, for 2000 hrs. Bid bond, 10%, must accompany bid. Circ. Prop. 233. * 25

BIDS OPENED

GRAND COULEE DAM.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 764, for furnishing (1) twenty bulkhead gate frame and track units for installation at the inlet ends of the Outlet conduits from elevation 975.0 to elevation 1206; (2) three bulkhead gate frame and track units for installation at the inlet ends of station-service penstocks; (3) eighteen complete gate frames for the penstock inlet gates at the inlet ends of the main power penstocks, Grand Coulee Dam, Columbia Basin Project, Wash. Materials will be installed by the Government, fob shipping point and/or Odair, Wash.

Total bids follow:

Bethlehem Fabricators, Inc., Bethlehem, Pa.: (1) \$277,000; wt. 1,036,000; (2) \$49,417; wt. 154,000; (3) \$471,704; wt. 2,750,000; net; fob Odair, Wn.

Illinois Steel Bridge Co. and St. Louis Structural Steel Co., (1) \$158,814; wt. 446,005; (2) \$27,747; wt. 73,200; combination 1 and 2: \$183,561; 1/4% fob Jacksonville and East St. Louis, Ill.

Bethlehem Steel Co., Bethlehem, Pa.: (1) \$238,200; wt. 894,000; (2) \$43,000; wt. 149,000; (3) \$572,200; Comb. 1, 2 and 3: \$849,900; net; fob Chicago.

Berkeley Steel Const. Co., Inc., Berkeley, Cal.: (2) \$32,750; wt. 149,000; 1/4% fob Berkeley.

American Bridge Co., Denver: (1) \$142,500; wt. 887,250; (2) \$23,000; wt. 147,950; (3) \$423,500; wt. 2,687,200; net; fob Gary, Ind.

Consolidated Steel Corp., Ltd., Los Angeles, Calif., (1) \$182,000; wt. 910,000; (2) \$29,100; wt. 150,000 (3) \$518,000; wt. 2,715,000; Comb. 1, 2 and 3: \$785,000; net; fob Los Angeles.

Lakeside Bridge & Steel Co., Milwaukee, Wis.: (1) \$173,543; wt. 898,000; (2) \$29,581; wt. 152,000 (3) \$584,433; wt. 2,770,000; net; fob Milwaukee.

Judson-Pacific Co., San Francisco: (1) \$146,000; wt. 885,000; (2) \$25,800; wt. 152,000; net; fob San Francisco.

Dravo Corp., Pittsburgh, Pa.: (1) \$160,710; wt. 875,000; (2) 24,820; wt. 148,000; (3) \$399,470; wt. 2,700,000; Comb. 1, 2 and 3: \$582,500; net; fob Neville Island, Pa.

Koppers Co., Bartlett Hayward Division, Baltimore, Md.: (1) \$118,000; wt. 900,000; (2) \$20,000; wt. 150,000; (3) \$350,000; wt. 2,700,000; Comb. 1, 2 and 3: \$468,000; 1/4% fob Baltimore.

John W. Beam, Denver: (1) \$133,000; wt. 900,000; (2) \$22,400; wt. 150,000; (3) \$485,112; wt. 2,750,000; Comb. 1, 2 and 3: \$640,000; 1/4% fob Peotone, Ill. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 24, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for the rental of three crawler type cranes without operators, for use on Los Angeles River, between Soto and 23rd Streets. Bids will be received on:

- (1) 300 hrs. for rental of one crawler type crane with 110-ft boom;
- (2) 300 hrs. for rental of one crawler type with 70-ft boom;
- (3) 600 hrs. for rental of two crawler

type cranes with 70-ft. boom. Bid bond, 10%, must accompany bid. Circ. Prop. 231. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Westinghouse Elec. & Mfg. Co., at \$23,175 was awarded contract by Metropolitan Water District, Los Angeles, for capacitors, lightning arresters, potential transformers and current transformers for use at Colorado River Aqueduct pumping plants; Spec. 263. * 25

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for furnishing operating valves for Palos Verdes feeder of the Colorado River Aqueduct, Spec. 256, were awarded by Metropolitan Water District, Los Angeles, as follows:

S. Morgan Smith, Sched. No. 1, \$29,676.

Water Works Supply Co., Sched. 3G, \$5106.74.

Commercial Iron Works, Portland, Ore., Sched. No. 4, \$1490.

Rensselaer Valve Co., Troy, N. Y., Sched. No. 5, \$566.50. * 25

BIDS WANTED

DENVER, Colo.—Until Feb. 3, 2:00 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1023-D, for furnishing and delivering (1) one dragline excavator suitable for handling a 3/4-c.y. medium-weight dragline bucket with a 45-ft. boom, and one 3/4-c.y. dragline bucket, for the Glendive division, Buffalo Rapids Project, Montana; and (2) one dragline excavator suitable for handling a 1-c.y. medium-weight dragline bucket with a 45-ft. boom or a 3/4-c.y. bucket with a 55-ft. boom and one 1-c.y. dragline bucket and one 3/4-c.y. bucket for the Payette division, Boise Project, Idaho, f.o.b. shipping point and/or railroad destination.

Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

OAKLAND, Cal.—A. J. McCosker, 5509 Broadway, Oakland, at \$6100.00 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Prop. No. 959, for the rental of 1 1/2-ton flat bed truck for 2000 truck hours; 2-c.y. dump truck for 2500 truck hours, hand loading; and a 3-c.y. dump truck for 2500 hrs., power loading. * 25

BIDS OPENED

LOS ANGELES, Calif.—Nine identical bids at \$2450 were submitted to Los Angeles County Purchasing Agt. for portable air compressor with trade-in allowance of \$75 for old equipment by Le Roi-Rix Machinery Co., Pneumatic Machy. Co., Lee & Thatro Equipment Co., Garlinghouse Bros., Brown-Bevis Equip. Co., Crook Co., Western Machinery Co., Smith Booth Usher Co., and Harron, Rickard & McCone. Quot. 6065. * 25

CONTRACT AWARDED

PETALUMA, Sonoma Co., Cal.—A. F. Tomasini Hardware Co., 120 Kentucky St., Petaluma, at \$573.01, submitted low bid and was awarded contract by the Petaluma City High School District, Dr. Hall Weston, Clk., McNear Bldg., 19 Main St., Petaluma, for the installation of a deep well injector type pump to be installed on the property of the Petaluma City High School District, Petaluma. * 25

BIDS OPENED

SOLANO CO., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of one or more pneu-

matic-tired power hoist dump trucks for use in Solano Co., Cal.

Bids were taken on:

(1) 2 c.y. or less;
(2) Over 2½-c.y., less than 3½-c.y.;
(3) 3½-c.y. or over, but less than 4½-cubic yard.

Complete bids follow:

McReynolds Trucking Co., Oakland
(3) (a) \$3.11, (b) \$2.61, (c) \$2.86.
H. T. Dowdy, San Francisco—(3)
(a) \$3.07, (b) \$2.56, (c) \$2.82.
C. M. Sivar, Susanville—(3) (a) \$2.20, (b) \$2.70, (c) \$2.95.
E. Gressot, Fairfield—(1) (a) \$1.76, (b) \$1.96, (2) (a) \$2.31, (b) \$2.71.
L. A. Webb, Sacramento—(3) (a) \$3.11, (b) \$2.61, (c) \$2.86.
Paul Entremont, Colusa—(2) (a) \$2.71, (b) \$2.31; (3) (a) \$3.11, (b) \$2.61, (c) \$2.86.
S. Bonsangue, Los Angeles—(2) (a) \$2.71, (b) \$2.31, (c) \$2.46; (3) (a) \$3.11, (b) \$2.61, (c) \$2.86.
Chas. M. Beguhl, Millbrae—(3) (a) \$3.11, (b) \$2.61, (c) \$2.86.
Mrs. M. Silva, Sonoma—(2) (a) \$2.54, (b) \$2.04, (c) \$2.44.

Portola Truck Service, San Francisco—(1) (a) \$1.96, (b) \$1.76, (c) \$1.86; (2) (a) \$2.71, (b) \$2.31, (c) \$2.51; (3) (a) \$3.11, (b) \$2.61, (c) \$2.86.
Manuel Alves, San Lorenzo—(2) (a) \$2.75, (b) \$1.73; (3) (a) \$3.77, (b) \$2.75.

Chas. Meamber and Jos. LaPerle, Oakland—(1) (a) \$1.75, (b) \$1.50, (c) \$1.60.

A. J. McCosher—(1) (a) \$2.25, (b) \$2.00, (c) \$2.25; (2) (a) \$3.00, (b) \$2.75, (c) \$3.00.

Rock & Gravel Trucking Co., Oakland—(1) (a) \$1.96, (b) \$1.76, (c) \$1.86; (2) (a) \$2.71, (b) \$2.31, (c) \$2.51; (3) (a) \$3.11, (b) \$2.61, (c) \$2.86.

R. P. Easley Co., Antioch—(1) (a) \$2.75, (b) \$2.50, (c) \$2.50; (3) (a) \$3.75, (b) \$3.50, (c) \$3.50.

Oka Stewart, Topanga—(1) (a) \$1.96, (b) \$1.76, (c) \$1.76; (2) (a) \$2.71, (b) \$2.31, (c) \$2.31.

N. Giorgi, San Francisco—(3) (a) \$3.00, (b) \$2.75, (c) \$2.50.

D. N. Patch, Vacaville—(1) (a) \$2.00, (b) \$2.00, (c) \$2.00; (2) (a) \$2.80, (b) \$2.80, (c) \$2.80.

Otto Carlsen, Sacramento—(3) (a) \$3.11, (b) \$2.61, (c) \$2.86.

Claude C. Wood, Stockton—(2) (a) \$2.50, (b) \$2.50, (c) \$2.50; (3) (a) \$3.20, (b) \$3.00, (c) \$3.20.

C. E. Hulis, Merced—(2) (a) \$2.71, (b) \$2.31, (c) \$2.51; (3) (a) \$3.11, (b) \$2.61, (c) \$2.86.

BIDS OPENED

LOS ANGELES, Cal.—Bids for (1) electric drill, (2) metal drills, (3) reamers, (4) tap holder, (5) die holder, and (6) taps and dies, Quot. 6063, opened by Los Angeles County Purchasing Agent were:

Automotive Sales Co.—(1) \$19.95; alternate bids \$23.50, \$45; disc 2% 30 da.

Ducumun Metals & Supp. Co.—(1) \$32.50, (2) \$2.89, (3) ¼ to 7/8-in. \$10.20; ½ to 1½-in. \$6.60; (4), (5) and (6) as set, \$13.50; disc 2% 30 da.

Lee & Thatro Equip. Co.—(1) \$39.50; 2% 30 da.

Smith Booth Usher—(1) \$19.50; 2% 30 da.

Chanslor & Lyon Stores—(1) \$45; 2% 30 da.

National Equip. Co.—(1) \$32.50; 5% 30 da.

Harper & Reynolds—(1) \$45; 2% 30 da.

Machinists Tool & Supply Co.—(1) \$45; 2% 30 da.

Union Hardware & Metal Co.—(1) \$32.50, (4) \$.81, \$1.62; 2% 30 da. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for (1) ballbearing drill press, (2) 12-in. hand saw, (3) 8 ft. 3 in. steel shafting, (4) 3 pillow blocks, (5) 3 only,

¾-in. bore pulleys, (6) one 5½-in. bore pulley, Quot. 6062, opened by Los Angeles County Purchasing Agent, were:

Frank E. Jones Machinery Corp.—(1) \$33.29, (2) \$36.70, (3) \$2.70, (4) \$10.65, (5) \$1.65, (6) \$.55; 2% 10 da.

Eccles & Davies Machinery Co.—(1) \$27.60, (2) \$38.80, (3) \$2.50, (4) \$3.20, (5) \$.50; 2% 10 da.

Sears, Roebuck & Co., Store 1008—(1) \$27.85, alt. (1) \$60.60, (2) \$32.80, (3) \$1.96, (4) \$3.55, (5) \$.50, (6) \$.50; net.

Andrews Hardware & Metal Co.—(1) \$29.07, (2) \$33.03, (3) \$1.21, (4) \$3.19, (5) \$.50, (6) \$.50; 2% 30 da. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for (1) bench lathe, (2) light pattern chuck, (3) steady rest, and (4) tool holders, Quot. 6060, opened by L. A. County Purch. Agt. were:

Herberts Machy. Co.—(1) \$172, (2) \$25, (3) \$7.00, (4) \$10.50; 1% 15 da.

Eccles & Davies Machy. Co.—(1) \$148, (2) \$24, (3) \$6.00, (4) \$10.50; 2% 15 da. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following bids were submitted to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 35312, Reg. No. 12542, for furnishing one dual-drive, Diesel-powered motor grader; f.o.b. Fruitvale, Cal.

Knox-Hale Machinery Co., San Francisco—\$4957.80; allowance, \$1360; net, \$3592.50; net.

Weaver-Rye Tractor Co., Sacramento—\$4572.33; allowance \$1077.95; net; \$3794.38; disc. \$50 30 days. * 25

BIDS WANTED

GRAND COULEE, Wash.—Until Feb. 9, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 752, for furnishing and delivering thirty 14-ft. by 17-ft. hickhead gates for installation at the outlet ends of the turbine draft tubes in the left powerhouse of the Grand Coulee power plant, Columbia Basin Project, Wash. Gates will be installed by the Government, f.o.b. shipping point and/or Odair, Wash.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until Feb. 21, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 758, for furnishing and delivering sixteen motor-driven pumping units for installation in the Contra Costa canal pumping plants, Central Valley Proj., California. Apparatus will be installed by the Government, f.o.b. shipping point and/or Oakley, Cal.

Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Northern Pump Co., Minneapolis, Minn., at \$3,414 has been awarded contract by the Metropolitan Water District, Los Angeles, for 65 lubricating oil pumps with electric driving motors for use at Colorado River Aqueduct pumping plants. Spec. 261. 25

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 7, 2 p.m., bids will be received by Metropolitan Water District, Los Angeles, for three automatic pressure regulating valve assemblies, complete with operating mechanism and all appurtenances, for the Palos Verdes feeder of Colorado River aqueduct.

BIDS OPENED

SACRAMENTO, Calif.—Following

submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 36273, Reg. No. 12552, for one 6-ton 3-wheeled road roller; f.o.b. Fruitvale, Oakland:

Spears Wells Machinery Co., Oakland—\$2880.

Jenson Machinery Co., San Francisco—\$3039, 2% 30 days.

Knox Hale Machinery Co., San Francisco—\$2865.04.

Edward R. Bacon Co., San Francisco—\$2956.50.

Associated Equip. Co., Ltd., San Francisco—\$3300, 2% 30 days. * 25

BIDS OPENED

SACRAMENTO, Cal.—Western Machinery Co., 760 Folsom Street, San Francisco, at (1a) \$1.45; (2a) \$1.45; and (3a) \$1.45, submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-181, for furnishing and operating air compressors:

Bids were taken on:

(1) (a) furnishing and operating one portable air compressor for 125 hours at the Narrows Dam site;

(b) mobilization and delivery of equipment to site and removal.

(2) (a) furnishing and operating one portable air compressor for 150 hours at North Fork Dam site;

(b) mobilization and delivery of equipment to site and removal.

(3) (a) furnishing and operating one portable air compressor for 200 hours at Ruck-a-Chucky Dam site;

(b) mobilization and delivery of equipment to site and removal.

Complete bids follow:
Western Machinery Co., San Francisco: (1) (a) \$1.45; (b) no charge; (2) (a) \$1.45; (b) no charge; (3) (a) \$1.45; (b) no charge.

Lerer Bros., San Francisco: (1) (a) \$1.75; (b) \$25; (2) (a) \$1.75; (b) \$30; no bid on (3).

Sam Bates Co., Oakland: (1) no bid; (2) (a) \$1.75; (b) \$75; (3) (a) \$1.50; (b) \$75.

U. S. Machinery Co., Sacramento: no bid on (1) and (2); (3) (a) \$2.15.

Machinery & Drill Steel Co., Inc., San Francisco: (1) (a) \$2.25; (b) \$40; (2) (a) \$2.15; (b) \$40; (3) (a) \$2.15; (b) \$40.

Wm. H. Cowen, San Francisco: (1) (a) \$2.25; (b) \$75; (2) (a) \$2.25; (b) \$75; (3) (a) \$2.25; (b) \$100. 25

BIDS OPENED

SAN BERNARDINO, Cal.—Following submitted bids to the State Highway Department, San Bernardino, for the rental of one 1½-c.y. minimum capacity pneumatic tired dump truck without driver for use in hauling materials and supplies on a roadside landscaping and erosion control project on the Waterman Canyon and Crest Drive highways in San Bernardino county.

Bids were received on:

(1) transportation to and from San Bernardino, flat price, round trip;

(2) rate per hour for dump truck without driver, haul loading;

(3) stand-by rate per hour round dump truck without driver.

The bids were:
J. W. Noland: (1) \$1; (2) \$.50; (3) \$40.

Nick Vlachim: (2) \$1.35; (3) \$.65.
Rock & Gravel Trucking Co.: (1) \$25; (2) \$1; (3) \$.68.

A. S. Hubby: (2) \$.68.
Jesse Askey: (2) \$.70.
Roy H. Hulbert: (1) \$1; (2) \$.70; (3) \$.35.

A. C. Bussey: (2) \$.82.
J. D. McCoy: (2) \$.70.
John Apler: (1) \$.8; (2) \$.80; (3)

\$35. Harry Lichau: (1) \$2.50; (2) \$7.0; (3) \$50.
 N. P. Van Valkenburgh: (1) \$10; (2) \$.69; (3) \$.40.
 C. G. Hansen; (2) \$.70.
 K. O. Holte: (2) \$.70; (3) \$.35.
 Harry Boyes: (1) \$.3; (2) \$.70; (3) \$.35.
 Lloyd Smith: (2) \$.70; (3) \$.35.
 C. A. Yandall: (2) \$.75; (3) \$.45.
 Ira Rendleman: (2) \$.70.
 W. A. Duff: (1) \$.75; (2) \$.70; (3) \$.40.
 W. L. Morgan: (1) \$.5; (2) \$.75; (3) \$.45.
 Leon Steward: (1) \$.90; (2) \$.90; (3) \$.90.
 Geo. Butler: (2) \$.70; (3) \$.45.
 Irregular bids were submitted by: G. R. Starkenburg, Juel Yandell, S. E. Bonsangue, Albert W. Glass and Earl and H. H. Kephie.

BIDS WANTED

OAKLAND, Calif.—Until Jan. 25, 1:00 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing fourteen trucks for the City of Oakland.

Plans and specifications may be obtained from the above office. * 25

29— STREETS AND HIGHWAYS

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until Feb. 7, 5 P. M., bids will be received by Huntington Park city council for improvement of Hampshire Drive (2nd unit), between Gage and Florences Avenues, 0.47 mile, a cash contract. Estimated cost, \$25,000.

The work involves:

- (1) 2800 c.y. grading;
- (2) 92,500 sq. ft. fine grading;
- (3) 92,500 sq. ft. asphalt. conc. pavement (0.6 ft. asphalt. conc., 0.43 ft. base and level course, 0.17 ft. asphalt conc., type B, surf.);
- (4) 4331 lf. heavy duty curb (1 sq. ft. end area);
- (5) 4812 lf. cement concrete gutter;
- (6) 1 ft. x 6 in. gutter, 100 ft. long, involving 21 c.y. conc., 900 ft. 1/2-in. and 1455 ft. 3/4-in. round deformed reinf. steel, 420 sq. ft. 16-ga. galv. iron, 60 pcs. 40-lb. rail, 4-ft. lengths; 2 square C 1 man-hole frames and covers, 2x2-ft.; 10 c.y. excav.;
- (7) construct open ditch (300 lin. ft. grading).

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until January 24 bids will be received by the San Francisco Bay Exposition Co., 555 Bush St., San Francisco, for the parking area concession at the 1939 Golden Gate International Exposition on Yerba Buena Shoals. Concessionaire will be required to make all necessary improvements to the area. Persons interested should contact Mr. Frederick Weddleton, Chief of Concessions, at the exposition office. * 29

BIDS WANTED

PIMA CO., Ariz.—Until Feb. 15, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading and placing crushed gravel surface course with bituminous treatment (light surface application) on 5.614 mi. of highway, of which 0.019 mile is bridged over 20-ft. span, Federal Lands Highway, Route 5, Tucson-Ajo Highway, Pajarito Indian Reservation, Pima County, Arizona.

Work involves:

- (1) 11,250 c.y. unclass. excav.;
- (2) 870 c.y. unclass. excav. for structures;

- (3) 44,000 c.y. unclass. excav. for borrow;
- (4) 850,000 sta. yds. overhaul;
- (5) 5,000 lf. furrow ditches;
- (6) 25 M. sq. ft. obliteration of old roads;
- (7) 1,500 M. gals. watering;
- (8) 12,600 tons crusher run top course;
- (9) 240 tons applying government furnished asphaltic material (Type SC-2), for bituminous treatment;
- (10) 440 c.y. blotter material;
- (11) 698 c.y. concrete;
- (12) 84,700 lbs. reinforcing steel;
- (13) 0.5 MFMB untreated timber;
- (14) 76 lf. corrugated galv. sheet metal pipe;
- (15) 22 lf. remove, clean and relay existing CMP;
- (16) 14 each, culvert markers;
- (17) 1 each, guide posts.

Plans and specifications may be obtained from the above office and from the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00. * 29

BIDS WANTED

(As previously reported)
IMPERIAL COUNTY, Calif.—Until February 11, 2 P. M., bids will be received by the State Division of Highways, 1365 Harbor Blvd., San Diego, for applying road mix surface treatment to 23.8 miles of existing roadbed between New River and 2 miles west of Calipatria and between 5 miles and 2 miles west of Brawley, Imperial County.

Work involves:

- (1) 170 M. gals. water;
- (2) 23.8 miles finishing roadway;
- (3) 33,900 sq. yds. shaping and compacting subgrade;
- (4) 254,650 sq. yds. preparing mix and shaping roadbed;
- (5) 1,625 tons of liquid asphalt SC-2 road-mix surf. treatment;
- (6) 270 tons of liquid asphalt SC-2 prime coat.

Plans and specifications may be obtained from the above office. * 29

COMPLETE BIDS

OAKLAND, Calif.—Heafey - Moore Co., 344 High St., Oakland, at \$33,975.58, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for improvements to the Skyline Blvd. east of Redwood Road from Station 105 plus 43 to Station 193 plus 42, Oakland.

Work involves:

- (1) 94,000 c.y. excav.;
- (2) 64,000 sta. yds. overhaul;
- (3) 95,324 sq. ft. penetration macadam surfacing;
- (4) 5,296 sq. yds. shoulder oil;
- (5) 1,260 lf. 12-in. plain concrete or vitrified plain pipe conduit;
- (6) 176 lf. 12-in. standard strength reinf. pipe conduit;
- (7) 256 lf. 12-in. extra strength do.;
- (8) 178 lf. 6-in. tile drain;
- (9) 23 storm water inlets, 34-inch opening;
- (10) 6 manholes with inlet top, 34-in. opening;
- (11) 1 manhole, standard top.

Total bids follow:

Heafey-Moore Co., 344 High Street, Oakland—\$33,975.58.

Bodenhamer Constr. Co., Oakland—\$38,905.34.

Granfield, Farrar & Carlin, San Francisco—\$39,580.56.

Rock & Gravel Trucking Co., Oakland—\$5,298.32.

W. K. Van Bokkelen Construction, Oakland—\$61,251.24.

Unit prices published Jan. 19, 1938.

LOW BIDDER

PHOENIX, Maricopa County, Ariz.

—Phoenix - Tempe Stone Co., P. O. Box 1465, Phoenix, at \$2251.26 submitted low bid to the Phoenix City Commission for improvements to Fifth Avenue, Phoenix.

Complete bids will be published shortly. * 29

LOW BIDDER

PHOENIX, Maricopa County, Ariz.—Phoenix - Tempe Stone Co., P. O. Box 1465, Phoenix, at \$4359.60 submitted low bid to the Phoenix City Commission for improvements to Ashland Ave., Phoenix.

Complete bids will be published shortly. * 29

LOW BIDDER

MARICOPA AND YUMA COS., Ariz.—Fisher Contracting Co., Phoenix, at \$11,933, submitted low bid to the Arizona State Highway Department, Phoenix, for improvement of Phoenix-Yuma Highway PA 56, 3rd rep. (1938), AFE 8083. The work, which is located about 5 miles west of Gila Bend, consists of grading and draining 1/2 mile of roadway and placing aggregate base course and oil mix using SC-3 road oil and is to be completed on or before April 30. Complete bids will be published shortly. * 29

BID OPENING POSTPONED

SAN FRANCISCO, Cal.—The U. S. Engineer Office, 401 Custom House, San Francisco, postponed the call for bids under Bid No. ER-968-38-81, for the construction of a roadway on Yerba Buena Island. Bids were called for Jan. 21. New bid call will be announced shortly. * 29

BIDS REJECTED

HICKAM FIELD, T. H.—Purchasing and Contracting Officer, Hickam Field, rejected all bids for the construction of Sections B and C, landing mat, Hickam Field. Bids will be re-advertised later.

Hawaiian Contr. Co., Honolulu, at \$112,706.00 submitted low bid.

CONTRACT AWARDED

ALASKA.—L. J. Dowell, Inc., Seattle, at \$97,600 has been awarded the contract by Bureau of Public Roads for fine crushed rock surf. on Glacier Highway, Auke Bay to Pearl Harbor, Alaska Forest Project 2-FA-11. * 29

BIDS WANTED

NYE CO., Nevada.—Until Feb. 2, 2 p.m., bids will be received by the Directors of the Department of Highway, State of Nevada, Memorial Bldg., Carson City, Nevada, for the construction of approximately 8.84 miles state highway from the east boundary of Death Valley National Monument to Beatty, Route 58, Section A, Nye County, Nev.

Work involves:

- (1) 48 acres clearing;
- (2) 66,730 c.y. roadway excav.;
- (3) 2,750 c.y. drainage excav.;
- (4) 162 sta. V type ditches;
- (5) 12,517 c.y. imported borrow;
- (6) 17,354 yd. sta. overhaul (yd. sta.);
- (7) 6,069 yd. mi. overhaul (yd. mi.);
- (8) 630 c.y. struc. excav.;
- (9) 1,180 c.y. backfill;
- (10) Force account, roadside cleanup;
- (11) 12 M. gals. water;
- (12) 28 c.y. class A concrete;
- (13) 82 c.y. class B concrete;
- (14) 4,720 lbs. reinf. steel;
- (15) 1,104 lf. 18-in. CMP;
- (16) 1,162 lf. 24-in. CMP;
- (17) 120 lf. 30-in. CMP;
- (18) 98 lf. 36-in. CMP;
- (19) 34 each, monuments;
- (20) 8.34 mi. finish roadway.

Plans and specifications may be obtained from the State Highway

Engineer, Robert A. Allen, Carson City Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00. 29

BIDS WANTED

MERCED CO., Cal.—Until Feb. 9, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 8.9 miles grading and constructing untreated crushed gravel or stone borders between 1.7 miles east of Los Banos and easterly boundary, Merced County, Calif.

- Work involves:
- (1) 467 sta. clear and grub right of way;
 - (2) 2,000 M. gals. water;
 - (3) 37,000 c.y. roadway excav., without classification;
 - (4) 3,250 c.y. struc. excav.;
 - (5) 875 c.y. ditch and channel excavation;
 - (6) 45,000 sta. yds. overhaul;
 - (7) 51,000 c.y. import borrow;
 - (8) 467 sta. finishing roadway;
 - (9) 490 c.y. remove concrete;
 - (10) 18,000 tons untreated crushed gravel or stone;
 - (11) 3,000 tons mineral aggregate (plant-mix surf.);
 - (12) 5 tons liq. asph., MC-2 (prime coat);
 - (13) 150 tons liq. asph., MC-5 or MC-extra heavy (plant-mix surf.);
 - (14) 375 tons liq. asph., SC-2 penetration oil treatment;
 - (15) 490 tons asph. emulsion paint binder armor coat and seal coat;
 - (16) 5,300 tons screenings armor coat and seal coat;
 - (17) 430 c.y. class A portland cement conc. strucs.;
 - (18) 35,000 lbs. bar reinf. steel;
 - (19) 5,900 lbs. struc. steel;
 - (20) 25 c.y. riprap ditch lining;
 - (21) 80 lf. 8-in. CMP;
 - (22) 286 lf. 12-in. CMP;
 - (23) 1,204 lf. 18-in. CMP;
 - (24) 320 lf. 24-in. CMP;
 - (25) 30 lf. 30-in. CMP;
 - (26) 32 lf. 36-in. CMP;
 - (27) 334 lf. 24-in. CMP siphons;
 - (28) 234 lf. 30-in. CMP siphons;
 - (29) 10 each, conc. joints, 24-in. pipe siphons;
 - (30) 14 each, conc. joints, 30-in. pipe siphons;
 - (31) 4 each, 18-in. automatic drainage gates;
 - (32) 30 each, ext. culvert headwalls to be removed and reset;
 - (33) 184 lf. clean and relay existing CMP culverts;
 - (34) 144 lf. clean and salvage existing CMP culverts;
 - (35) 770 lf. laminated guard railing;
 - (36) 1,260 lf. remove and salvage existing guard railing;
 - (37) 140 each, culvert markers and guide posts;
 - (38) 2.4 ml. new property fence;
 - (39) 25 each, drive gates;
 - (40) 60 each, monuments.
- Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

YOLO COUNTY, Cal.—Until Feb. 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 3.8 miles grading, surfacing with gravel base and applying penetration oil treatment between 1.4 miles north of Bacchins Corner and Route 88, Yolo County.

- Work involves:
- (1) 400 M. gals. water;
 - (2) 17,500 c.y. rdwy. excav., unclass.;
 - (3) 31,000 sta. yds. overhaul;
 - (4) 25 c.y. struc. excav.;
 - (5) 202 sta. finishing rdwy.;
 - (6) 7,800 c.y. gravel base;
 - (7) 93 tons liquid asphalt SC-2 pen-

etration oil treatment;

- (8) 115 tons sand penetration oil treatment;
- (9) 80 lf. 8-in. CMP.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

KENDRICK PROJ., Wyo.—Until Feb. 11, 10 a.m., bids will be received by the Bureau of Reclamation, Casper, Wyo., under Spec. No. 1022-D, for the construction of the Laramie transmission line road to the Seminoe Dam, Kendrick Project, Wyo.

- Work involves:
- (1) 34,000 c.y. of all classes of excav. for road;
 - (2) 150 c.y. of all classes of excav. for structures;
 - (3) 350 c.y. of backfill;
 - (4) 600 c.y. rubble masonry;
 - (5) Laying 300 lf. of 18-in. diameter corrugated metal pipe.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

KING CO., Wash.—Until Feb. 9, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 318 New Post Office Building, Portland, Ore., for 1,453 ml. grading and 1,872 ml. advance clearing on the Stevens Pass Highway, Washington National Forest Highway Grading and Advance Clearing Project 3-C, King County, Wash.

- Work involves:
- (1) All reqd. maint. of spec. detours;
 - (2) All reqd. extra and misc. force account work;
 - (3) 28 acres clearing;
 - (4) 12 acres grubbing;
 - (5) 175,250 c.y. unclass. excav.;
 - (6) 106,500 sta. yds. special overhaul;
 - (7) 1,453 ml. finishing earth graded roads;
 - (8) 510 c.y. class A concrete;
 - (9) 54,000 lbs. reinf. steel;
 - (10) 5,000 lbs. structural steel;
 - (11) 1,280 lf. culverts (alternate);
 - (12) 1,000 c.y. replacing topsoil.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

CONTRACT AWARDED

ORANGE CO., Cal.—C. O. Sparks & Mundo Engineering Co., 2309 East Olympic Blvd., Los Angeles, at \$42,581, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing 0.9 mile and constructing a reinforced concrete bridge at Oso Creek, Orange Co., Cal. * 29

CONTRACT AWARDED

GILROY, Santa Clara Co., Calif.—George Christian Renz, 555 5th St., Gilroy, at \$720.00 submitted low bid and was awarded contract by the Gilroy City Council, P. A. Cox, City Clerk, City Hall, Gilroy, for the improvement of Leavessy Road by constructing a box culvert.

Total bids follow:

Geo. C. Renz, Gilroy.....	\$720.00
Wm. Radtke, Gilroy.....	721.00
Collins & Martin, San Jose.....	757.00
J. C. Bateman, San Jose.....	977.00

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened as noted below:

x IV-Mrn-Feeder, between San Geronimo and 1 mile north of Fairfax: PLANS (No. of Sheets) 7; (Cost) \$0.70; CROSS - SECTIONS (No. of Sheets) 32 (Cost) \$3.20; (Total) \$3.90.

* VII-Ven-138-A, between La Cross

and Oakview: PLANS (No. Sheets) 10; (Cost) \$1.00; CROSS-SECTIONS (No. of Sheets) 85; (Cost) \$8.50; (Total) \$9.50.

* VII-ORA-181-A, between Orange and Olive: PLANS (No. of Sheets) 10; (Cost) \$1.00; CROSS-SECTIONS (No. of Sheets) 18; (Cost) \$1.80; (Total) \$2.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal forms must be addressed to the office of State Highway Engineer, P. O. Box 1499, Sacramento.

x To be opened in San Francisco, February 4.

* To be opened in Los Angeles, Feb. 3.

January 17, 1938

CONTRACT AWARDED

SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., at \$160.00 submitted low bid and was awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19109, for the removal of sand and rubbish from 32nd avenue between Quintara and Riviera Street.

Complete bids follow:

Piombo Brothers & Co.....	\$160.00
Charles L. Harney.....	175.00
Devencenzi Bros. & Co.....	265.00
Max Rosenberg.....	365.00
C. B. Panacell.....	495.00
Kiss - Crane Service.....	1285.00

* 29

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 20, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for rental of 2-yard convertible shovel without operator for use in Los Angeles County Drainage Area for 75 calendar days (1000 hours) at Los Angeles River between 53rd St. and Soto St. Circ. Prop. 219. Bid bond 10% must accompany bid. * 25

LOW BIDDER

HOOD RIVER, Ore.—Frank Watt Construction Co., Portland, Ore., at \$36,122.46, submitted low bid to the U. S. Engineer Office, Bonneville, Ore., under Bid No. 694-38-197, for the construction of an overhead railroad crossing and approach roads, road surfacing, a system of drainage, a pumphouse, and miscellaneous concrete work at Hood River, Ore. * 29

BIDS WANTED

SEATTLE, King Co., Wash.—Until Jan. 27, 10 a.m., bids will be received by the City of Seattle Board of Public Works, County-City Bldg., for widening and repaving a portion of North 45th St., Seattle.

Plans and specifications may be obtained from N. A. Carie, Engineer.

BIDS WANTED

SEATTLE, King Co., Wash.—Until Jan. 27, 10 a.m., bids will be received by the City of Seattle Board of Public Works, County-City Bldg., for paving with concrete a portion of W. Newton St., Seattle.

Plans and specifications may be obtained from N. A. Carie, Engineer.

30—RESERVOIRS & DAMS

LOW BIDDER

COWLITZ COUNTY, Wash.—Geo. Schmitt, 3916 SE 56th St., Portland, at \$25,202, submitted low bid to the U. S. Engineer Office, 306 Custom House, Portland, Ore., under Bid No. 698-38-270, for the construction of the Burris Creek diversion in Drain-

age Improvement District No. 5, consisting of excavating approximately 8700 feet of canal with adjoining levees and the construction of a 42-in. siphon, a 72-in. discharge line, and excavation of lateral drainage ditches, Cowlitz County, Wash. * 30

BIDS OPENED

STANISLAUS CO., Cal.—C. Dudley DeVebiss & Co., 400 Perkins Street, Oakland, at \$1500, submitted low bid to the Public Utilities Commission, Room 257, City Hall, San Francisco, for constructing a levee at the San Joaquin Valve House, Stanislaus Co. Work involves: Lump sum, 7500 c.y. earth fill.

Total bids follow:
 C. Dudley DeVebiss & Co., 400 Perkins St., Oakland—\$1,500.
 Claude C. Wood, Stockton—\$1,950.
 Rock & Gravel Trucking Co., Oakland—\$1,950.
 W. O. Tyson, Redwood City—\$2,025.
 G. E. Murray, Modesto—\$2,100.
 Beerman & Jones, Stockton—\$2,325.
 R. E. McCarty, Stockton—\$2,587.50.
 H. Sykes, Patterson—\$3,075.
 Plombro Bros. & Co., San Francisco—\$3,600. * 30

ANNOUNCED

CENTRAL VALLEY PROJ., Cal.—Bureau of Reclamation, Sacramento, has announced that government reserves right to furnish either clay or concrete sewer pipe for sewer system in connection with call for bids for construction of street, driveway and walk grading and surfacing, and sewer and water system for government camp at Shasta Dam, for which bids will be received by Bureau of Reclamation, Sacramento, at 10 A. M., February 1. Spec. 767. * 30

CONTRACT AWARDED

COWLITZ CO., Wash. — Columbia Contracting Co., 44 SE Salmon, Portland, at \$222,594, awarded contract by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-38-193, for clearing, bank sloping, riprap removal, replacing existing bridge, construction of the piling, removal of a pile dike and rock reef in Lewis River, Diking Improvement Districts Nos. 5 and 11, Cowlitz Co., Wash. Estimated cost, \$290,430.79. * 30

COMPLETE BIDS

SALEM, Marion Co., Ore. — The Gilpin Constr. Co., 503 Henry Bldg., Portland, at \$16,020, submitted low bid to the Oregon State Board of Control, Salem, for the construction of a piling and rock reef across Sandy River about 1½ miles below highway bridge near Troutdale, Ore.
 Total bids follow:
 The Gilpin Constr. Co., 503 Henry Bldg., Portland.....\$16,020
 United Contracting Co., Portland..... 16,122
 Erik Enquist, Troutdale..... 16,995
 Parker-Schram Co., Portland..... 17,950
 Walter R. Larsen, Portland..... 19,590 * 30

BIDS OPENED

YOLO COUNTY, Cal.—The following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-178, for furnishing and delivering approximately 2000 tons of cobblestones for rip-rapping two stretches of levee on the westerly side of Yolo Bay Pass.

Work involves:
 (1) Furnishing and delivering 2,000 tons cobblestones; fob railroad dump or flat cars at Knights Landing, Calif.;
 (2) Furnishing and delivering cobblestones dumped along top of levee

at:
 (a) 1350 tons about 400 ft. long opposite the old river channel and about ¼ mile southerly of the westerly end of Fremont Weir;
 (b) 650 tons about 200 feet long located ¾ mile southerly of the same point.

Total bids follow:
 Hemstreet & Bell, Marysville: (1) \$2.10; total, \$4200.00.
 J. P. Breen, Sacramento: (2) (a) \$3; total, \$4050; (b) \$3; total, \$1950.
 McReynolds Trucking Co., Oakland: (2) (a) \$2.85, \$3847.50; (b) \$2.95, \$1917.50.
 Lord & Bishop, Sacramento: (1) \$2.05, \$4100; (2) combination bid on (a) and (b) \$5200.00. * 30

31—PIPE LINES & WELLS

LOW BIDDERS

LA MESA, San Diego Co., Calif.—Shafner & Gordon, 3869 Medford St., Los Angeles, at \$109,702.21 submitted low bid to the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, for the construction of distribution pipe line replacements, Unit No. 2, PWA Docket 1469-2-Ds.
 Lowrie Paving Co., San Francisco, at \$115,549.50 submitted second low bid. * 31

BID OPENING POSTPONED

FORT BARRY, Marin Co., Calif.—The U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, postponed the call for bids under Bid No. 868-38-78, for constructing and installing approximately 9890 feet of pipeline on and adjacent to Fort Barry Military Reservation, Marin County. Bids were called for January 18, 3 P. M. * 31

APPLICATIONS FILED

SACRAMENTO, Cal.—Applications for Permit to Appropriate Water filed with the State Department of Public Works Division of Water Resources during December, 1937:

9194 (San Joaquin Co.)—Oakdale Irrigation District, Oakdale, Cal., for 6 c.f.s. from Lone Tree Creek tributary to Little John Creek; to be diverted for irrigation and domestic purposes on 750 acres. Estimated cost, \$994.
 9195 (Trinity Co.)—Mrs. Joaquina P. Costa, Weaverville, Cal., for 3 c.f.s. from Rush Creek tributary to Trinity River; to be diverted for irrigation and domestic purposes on sixty acres.

9196 (Trinity Co.)—Mrs. Joaquina P. Costa, Weaverville, Cal., for 2½ c.f.s. from Rush Creek tributary to Trinity River; to be diverted for mining purposes. Est. cost, \$100.
 9197 (San Bernardino Co.)—U. S. Angeles National Forest, Los Angeles, Cal., for 0.25 c.f.s. from Manker Flats Spring tributary to San Antonio Creek; to be diverted for recreational purposes.

9198 (Humboldt Co.)—J. B. Patterson, Willow Creek, Cal., for 2 c.f.s. from Raccoon Creek tributary to Trinity River; to be diverted for mining and domestic purposes. Est. cost, \$1000.
 9199 (El Dorado Co.)—F. W. Bush, Nevada City, Cal., for 200 gals. per day from Cold Stream tributary to South Fork American River; to be diverted for domestic purposes.

9200 (Nevada Co.)—Platt Kent, San Mateo, Cal., for 12½ c.f.s. from Jordan Creek tributary to South Fork Yuba River; to be diverted for mining purposes. Estimated cost, \$6000.
 9201 (San Joaquin Co.)—D. O. Castle, Manteca, Cal., for 3 c.f.s. from Lone Tree Creek tributary to San Joaquin River; to be diverted for irrigation purposes on 80 acres. Est. cost, \$500.

9202 (Siskiyou Co.)—U. S. Shasta National Forest, Mount Shasta, Cal., for 1200 gals. per day from Schonchin Spring tributary to Medicine Lake. To be diverted for recreational and domestic purposes. Est. cost, \$1200.

9203 (San Diego Co.)—Robert L. McCain, Boulevard, Cal., for 1 c.f.s. from Carrizo Springs tributary to Salton Sea; to be diverted for irrigation and domestic purposes on 40 acres.
 9204 (Orange Co.)—The Irvine Co., Tustin, Cal., for 300 ac. ft. per annum from Bonita Creek tributary to Newport Bay; to be diverted for irrigation purposes on 600 acres. Est. cost, \$35,000.

9205 (Sutter Co.)—F. H. and F. S. Christenson, Route 3, Yuba City, Cal., for 9 c.f.s. from Drainage Ditch tributary to East Dredger Cut Sutter By-Pass; to be diverted. Est. cost, \$3100.
 9206 (Monterey Co.)—Alvin Danl, Big Sur, Cal., for 1 c.f.s. from an unnamed stream tributary to Big Sur River; to be diverted for domestic purposes. Est. cost, \$300.

9207 (Plumas Co.)—C. F. Stouky, Sloat, Cal., for 300 gals. per day, from Cromberg Spring tributary to Middle Fork of Feather River; to be diverted for domestic and fire protection purposes.
 9208 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Cal., for 300,000 ac. ft. per annum from Cosumnes River; to be diverted for municipal purposes.

9209 (Amador Co.)—Sierra Mountain Water Co., Sacramento, Cal., for 300,000 ac. ft. per annum from Cosumnes River; to be diverted for power purposes.
 9210 (Siskiyou Co.)—Ruth M. Goodwin, 311 San Fernando St., San Diego, Cal., for 0.1 c.f.s. from Highgap Gulch Creek tributary to South Fork Salmon River; to be diverted for mining and domestic purposes.

9211 (San Bernardino Co.)—Clemens H. Sherman, Highland, Cal., for 0.25 c.f.s. from Waste and foreign water from a storm drain tributary to Warm Creek and Santa Ana River; to be diverted for irrigation of 4.75 acres.
 9212 (Yuba Co.)—Andrew J. Thickstun, Camptonville, Cal., for 50 c.f.s. from Slate Creek tributary to North Fork Yuba River; to be diverted for mining purposes. Est. cost, \$5000.

9213 (Plumas Co.)—Gulch and Jane Farnell, Fortola, Cal., for 3 c.f.s. from Middle Fork of Feather River tributary to Feather River; to be diverted for irrigation and domestic purposes.
 9214 (Los Angeles Co.)—Mildred B. Jones, Los Angeles, Cal., for 100 ac. ft. per annum from 2 unnamed canyon and springs, tributary to Santa Clara watershed; to be diverted for irrigation and domestic purposes on 24 acres. Est. cost, \$7200.

9215 (San Diego Co.)—Vista Irrigation District, Vista, Cal., for 10.5 c.f.s. from San Luis Rey River; to be diverted for irrigation and domestic purposes on 14,600 acres. Estimated cost, \$125,000.
 9216 (Butte Co.)—Bidwell Park and Playground Commission, Chico, Cal., for 1.5 c.f.s. and 25 ac. ft. per annum from Chico Creek tributary to Sacramento River; to be diverted for recreational purposes. Est. cost, \$5000.

9217 (Alpine Co.)—E. H. Dyman, Angels Camp, Cal., for 360 gals. per day from an unnamed spring tributary to Lake Alpine thence North Fork Stanislaus River; to be diverted for domestic purposes. Est. cost, \$250.
 9218 (Sierra Co.)—E. P. Close, San Francisco, Cal., for 30 c.f.s. from Brush Creek tributary to Oregon Creek; to be diverted for mining and

domestic purposes. Est. cost, \$500.
EDWARD HYATT,
State Engineer.

31

PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources during the month of December, 1937:

5058, Application 9037 (San Bernardino Co.) issued to Earl M. and Alice E. Hubbard, San Bernardino, Dec. 6, for 0.27 cu. ft. per second and 62.42 ac. ft. per annum by storage from Caldwell Canyon for domestic purposes and irrigation of 30 acres. Est. cost, \$525.

5059, App. 9134 (El Dorado Co.) issued to Theresa Carroll, Mills, Dec. 6, for 200 gals. per day from Cold Stream for domestic purposes. Estimated cost, \$150.

5060, App. 9135 (Calaveras Co.) issued to O. V. Barkman, Valley Springs Dec. 6, for 0.8 cu. ft. per second from Mokelumne river, for mining and domestic purposes. Est. cost, \$4,500.

5061, App. 7140 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, Dec. 9, for 40,000 ac. ft. per annum by storage from Coyote River, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$642,000.

5062, App. 8388 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, Dec. 9, for 5,000 ac. ft. per annum by storage from Coyote River, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$16,000.

5063, App. 9091 (Nevada Co.) issued to J. J. Brennan, Loomis, Dec. 13, for 0.15 cu. ft. per second total and one ac. ft. per annum by storage, from two unnamed springs and an unnamed creek, for domestic and fire protection purposes. Est. cost, \$1200.

5064, App. 896 (Mono Co.) issued to Mrs. Caroline Flavell, Glendale, Dec. 13, for 200 gals. per day from Rock Creek, for domestic purposes. Est. cost, \$40.

5065, App. 9070 (Los Angeles Co.) issued to The San Francisco Women's Club, Saugus, Dec. 13, from Club Spring, for 5,760 gals. per day for domestic purposes.

5066, App. 9078 (Sierravou Co.) issued to L. J. Ross, Cecilville, Dec. 13, for 3 cu. ft. per second from Rush Creek, for domestic purposes and irrigation of 12 acres. Est. cost, \$100.

5067, App. 8737 (Sierra Co.) issued to Sission Gold Mining Co., Oakland, Dec. 13, for 3 cu. ft. per second total, from Pekoe Creek, for mining and domestic purposes. Est. cost, \$6000.

5068, App. 8738 (Sierra Co.) issued to Sission Gold Mining Co., Oakland, Dec. 13, for 15 cu. ft. per second from Middle Fork North Fork of North Fork Yuba River, for power and domestic purposes. Est. cost, \$10,000.

5069, App. 8870 (Sierra Co.) issued to Sission Gold Mining Co., Oakland, Dec. 13, for 5 cu. ft. per second total from Pekoe Creek for power and domestic purposes.

5070, App. 8716 (Amador Co.) issued to Stockton Camp Fire Girls, Stockton, Dec. 14, for 5200 gals. per day from an unnamed stream for domestic and recreational purposes. Est. cost, \$300.

5071, App. 9159 (Mariposa Co.) issued to E. K. Brown, Bug Meadows, Dec. 14, for 16,000 gals. per day from an unnamed creek for domestic purposes. Est. cost, \$225.

5072, App. 8827 (Sierra Co.) issued to Fred Siml, Downville, Dec. 14, for 3 cu. ft. per second from North Fork South Fork North Fork Yuba River, for power purposes. Est. cost, \$700.

5073, App. 9016 (Sierra Co.) issued to Fred Siml, Downville, Dec. 14, for 3 cu. ft. per second from North Fork South Fork North Fork Yuba River, for power purposes. Est. cost, \$700.

5074, App. 9138 (San Diego Co.) issued to Marie Hendley, Los Angeles, Dec. 14, for 0.22 cu. ft. per sec. from Charlot creek, for mining purposes. Est. cost, \$400.

5075, App. 9149 (El Dorado Co.) issued to G. E. Tuman, Placerville, Dec. 14, for 0.5 cu. ft. per second from Baltic Creek, for industrial purposes. Est. cost, \$100.

5076, App. 9025 (Mono Co.) issued to M. Zuckerman, Inc., Stockton, Dec. 14, for 1500 gals. per day from Rock Creek, for domestic purposes.

5077, App. 8994 (Tulare Co.) issued to M. Whitney Lumber Co., California Hot Springs, Dec. 13, for 0.1 cu. ft. per second from Parker Creek for industrial, domestic and fire protection purposes. Est. cost, \$300.

DEL NORTE CO.—Bridge Construction and Grading—(State)

DEL NORTE COUNTY, Cal.—Hemstreet and Bell, 501 11th St., Marysville, at \$132,154 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete slab bridge and grading and applying seal coat to about 2 miles between Wilson Creek and Last Chance Slide, Del Norte Co., Cal.

Work Involves:

- (1) 20 acres clear and grub;
(2) 1,400 M. gals. water;
(3) 168,000 c.y. rdwy. excav. without class;
(4) 220 c.y. ditch and channel excavation;
(5) 1,695,000 sta. yds. overhaul;
(6) 47,000 mile yds. haul;
(7) 5,150 c.y. struc. excav.;
(8) 8,000 c.y. coarse rock;
(9) 8,100 c.y. import surf. mat.;
(10) 107 sta. finishing roadway;
(11) 72 tons liq. asph., SC-1A (prime coat);
(12) 37 tons liq. asph., 90-95 (seal coat);
(13) 315 c.y. screenings (seal coat);
(14) 30,800 lbs. bar reinf. steel;
(15) 243 c.y. class A portland cement conc. strucs.;
(16) 55 MPBM redwood timber, e.e.t., all-heart struc. grade;
(17) 100 c.y. dry rubble;
(18) 340 lf. 8-in. CMP;
(19) 1,200 lf. 18-in. CMP;
(20) 450 lf. 24-in. CMP;
(21) 160 lf. 30-in. CMP;
(22) 3,900 lf. 8-in. perf. metal pipe underdrains;

- (23) 670 lf. 18-in. perf. metal pipe underdrains;
(24) 1,140 c.y. rock filling material;
(25) 350 lf. pipe culverts, remove, clean and salvage;
(26) 8,700 lbs. misc. steel;
(27) 5 each, spillway assemblies;
(28) 3 each, junction pipes;
(29) 1 each, taper inlets and elbows;
(30) 12 each, remove headwails;
(31) 1,700 lf. laminated guard railing;
(32) 220 lf. solid timber railing;
(33) 32 each, culvert markers;
(34) 20 each, guide posts;
(35) 0.90 mile new property fence;
(36) 1 each, drive gate;
(37) 0.65 mile fence moved and re-set;
(38) 1 lot remove exist. timber structures;
(39) 20 each, monuments;
(40) 1 lot misc. bridge items.

Total bids follow:

- (A) Hemstreet & Bell, 501 11th St., Marysville, \$132,154.00.
(B) Poulos & McEwen, Sacramento, \$142,297.00.
(C) Williams and Douglas, Kallispell, Montana, \$148,912.50.
(D) Mercer-Fraser Co., Eureka, \$160,653.50.
(E) United Concrete Pipe Corp., Los Angeles, \$163,772.00.
(F) Fredericks & Westbrook, Lower Lake, \$164,335.00.
(G) McNutt Bros., Eugene, Oregon, \$167,721.50.
(H) N. M. Ball Sons, Berkeley, \$167,772.50.

Unit prices follow:

Table with 11 columns (A-I) and 40 rows of unit prices for various construction materials and services.

5075, App. 8995 (Tulare Co.) issued to Mt. Whitney Lumber Co., California Hot Springs, Dec. 18, for 0.5 cu. ft. per second and 40 ac. ft. per annum by storage from South Creek, for industrial and fire protection purposes. Est. cost, \$2500.

5079, App. 8097 (Orange Co.) issued to L. F. Moulton & Co., El Toro, Dec. 18, for 2500 ac. ft. per annum by storage from Aliso Creek for domestic purposes and irrigation of 2965 acres. Est. cost, \$100,000.

5080, App. 8890 (Plumas Co.) issued to Fred L. Gardella, Richmond, Dec. 20, for (1) 2.95 and (2) 0.05, total 3 cu. ft. per second from (1) Cow Creek, and (2) unnamed spring, for mining and domestic purposes. Est. cost, \$500.

5081, App. 8937 (Siskiyou Co.) issued to A. I. Eagle, Clear Creek, Dec. 27, for 3 cu. ft. per second from Jeremiah Lane Creek, for mining and domestic purposes.

5082, App. 9170 (San Joaquin Co.) issued to California Lands, Inc., Stockton, Dec. 27, for 1.97 cu. ft. per second from Burns Cutoff, for irrigation of -58 acres. Est. cost, \$7,000. 21

LOW BIDDERS

HICKAM FIELD, T. H. — Marks Constr. Co., at \$29,000, submitted low bid to the Purchasing and Contracting Officer, Hickam Field, for the construction of a water line, curbs and rough grading on streets at Hickam Field, T. H.

Three low bids follow:
 Marks Constr. Co. \$29,000
 E. E. Black 32,450
 Hawaiian Contracting Co. 36,993

33— WATER WORKS

CONTRACT AWARDED

ELGIN, Union Co., Ore.—Soule & Walters, Elma, at \$20,753, awarded contract by S. E. Harris, City Recorder, for waterworks improvement; PWA 1161. Work involves: Concrete and earth-rough fill intake dam on Indian Creek; extension of preserve supply line from present intake to proposed intake on Indian Creek; grit chamber near site of present intake dam; pipe line from Front and Main Streets to storage reservoir and \$150,000-gal. reinf. concrete reservoir. 33

BIDS WANTED

OAK GROVE, Clackamas Co., Ore.—Until Feb. 8, 7:30 p.m., bids will be received by the Oak Lodge Water District, Dan Birkemeler, Secretary, for the construction of a water system. Work involves: Furnishing and laying 2100 ft. of 6-in., 23,000 ft. of 4-in., and relaying 6000 ft. of 2-in. pipe, including gate valves, fittings, etc. Alternate bids for various kinds of pipe.

Plans and specifications may be deposit of \$5.00. 33
 obtained from the Engineer, H. L. Gilbert, Couch Bldg., Portland, upon

34— PARKS AND PLAY GROUNDS

BIDS WANTED

YERBA BUENA SHOALS.—Until Jan. 31, 3 p.m., bids will be received by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco, for furnishing and delivering loam at Yerba Buena Shoals.

CONTRACT AWARDED

ALAMEDA, Calif.—Anchor Post Fence Co., 1033 5th Ave., Oakland, at \$450.39, submitted low bid and was awarded contract by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, Alameda, for the construc-

tion of 300 feet of 12-ft. chain link fence at the McKinley Park, Alameda.

Total bids follow:
 Anchor Post Fence Co., 1033 5th Ave., Oakland.....\$450.39
 Standard Fence Co., Oakland... 495.09
 Wickwire Spencer Steel Co., San Francisco 508.40
 California Wire Cloth Co., * 34
 Oakland 555.95

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER hotel, \$200; 1482 Sutter St.; owner, C. B. Curtis, Prem.
 SIGN, electric, \$100; 848 Kearny St.; owner, International Hotel, Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 FLUES, \$20; 124 Alta St.; owner, D. Black, Prem.; contractor, Hocking Service, 2216 Clement St.
 BILLBOARD, \$38; SE Turk and Annapolis; owner, West Coast Adv. Co., 1430 Divisadero St.
 BILLBOARD, \$13; N. Market, 140 W 15th St.; owner, West Coast Adv. Co., 1430 Divisadero St.
 SIGN, electric, \$200; 25 Tenth St.; owner, Strand's Tavern, Prem.; contractor, Apex Elec. Co., 363 Fell St.
 ALTER apartments, \$900; 1970 Page

St.; owner, Capital Co., 625 Market St.
 ALTER office and store, \$500; 870 Market St.; owner, Flood Realty Co., Prem.
 SIGN, electric, \$200; 1944 Ocean Avenue; owner, Westwood Hardware, Prem.; contractor, Apex Elec. Co., 363 Fell St.
 SIGN, electric, \$300; 4122 18th St.; owner, Dino's, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER dwelling, \$480; 447 20th Ave.; owner, Fred J. Strahle, c/o Contractor; contractor, L. Salomon, 1734 Broderick St.
 BILLBOARD, \$13; E. Van Ness Ave. South, 75 S 17th St.; owner, West Coast Adv. Co., 1430 Divisadero St.
 ALTER hotel, \$75; 552 Green Street; owner, F. Tedeschl, Prem.; contractor, Cunningham Sheet Metal Works, 2039 Fillmore St.
 ALTER dwelling, \$400; 182 Gamblin St.; owner, Bernice Steeles, Prem.
 ALTER tavern, \$500; 1545 Ocean Ave.; owner, The Westwood Inn, Prem.; contractor, The Unit-Bilt Fixture Co., 243 7th St.
 SIGN, electric, \$130; 3230 22nd St.; owner, 22nd St. Florist, Prem.; contractor, Apex Elec. Co., 363 Fell St.
 ALTER incinerator, \$450; 2600 Taylor

Rood River, Ore.—Const. Railroad Crossing, Etc.—(Govt.)

HOOD RIVER CO., Oregon—Frank Watt Const. Co., 309 Couch Building, Portland, at \$36,122.46 submitted low bid to U. S. Engineer Office, Bonneville, Ore., under Bid No. 694-38-197, for construction of an overhead railroad crossing & approach roads, road surfacing, a system of drainage, a pump-house, and miscellaneous concrete work at Hood River, Oregon.

Work involves:
 (1) 2110 c.y. unclass. excav.;
 (2) 1000 c.y. unclass. borrow;
 (3) 30 hours furnishing and operating 10-ton roller;
 (4) 580 c.y. excav., drainage system;
 (5) 10 l.f. 12-inch vit. clay or conc. sewer pipe, in place;
 (6) 170 l.f. 8-inch do;
 (7) 150 l.f. 8-inch do;
 (8) 900 l.f. 6-inch clay drain tile, in place;
 (9) 900 c.y. rock surfacing, 4-inch to 0-inch;
 (10) 180 c.y. rock surfacing, 1½-in. to 0-inch;
 (11) 50 c.y. filler;
 (12) 95 c.y. Class A conc., in place;
 (13) 245 c.y. Class B conc., in place;
 (14) 23,800 lbs. reinf. steel, in place;
 (15) 1526 lbs. electrically welded fabric, in place;

(16) 4/10-m. preparation of base;
 (17) 360 cu. y. mineral agg., in place;
 (18) 26 tons 95/ road oil, in place;
 (19) 17 tons cutback asphalt, in place;
 (20) 1235 cu. yds. oil mat surface treatment, on trestle;
 (21) 462 l.f. wooden asphalt superstructure;
 (22) 100 MFMB wooden trestle superstructure;
 (23) 52,900 lbs. struc. steel, in place;
 (24) one job misc. ferrous metal, in place;
 (25) one job painting;
 (26) one job sludge gate, in place;
 (27) one job transfer of posts.

Total bids follow:
 (A) Frank Watt Const. Co., 309 Couch Bldg., Portland, \$36,122.46
 (B) Colonial Const. Co., Spokane, \$37,594.35
 (C) Jorlin & Eldon, Portland, \$38,007.10
 (D) Warren Northwest, Inc., Portland, \$38,057.10
 (E) L. H. Hoffman, Portland, \$39,010.37
 (F) Kern & Kibbe, Portland, \$43,051.90.
 (G) Government estimate, \$41,514.11.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$.50	\$.50	\$.35	\$.60	\$.80	\$ 1.00	\$ 1.20
(2).....	.60	.35	.30	.35	.60	.75	.60
(3).....	4.00	7.00	4.50	3.00	4.00	4.00	6.00
(4).....	1.25	1.00	2.50	1.50	1.65	2.00	2.00
(5).....	.90	.85	1.10	.70	1.00	1.00	1.40
(6).....	.68	.65	1.00	.55	.80	.70	.80
(7).....	.62	.50	.50	.40	.60	.50	.70
(8).....	.40	.30	.60	.25	.22	.35	.35
(9).....	3.00	2.20	2.50	2.60	3.25	3.00	2.20
(10).....	3.00	2.40	2.70	2.80	3.00	3.00	2.20
(11).....	.50	.50	.40	.50	.90	2.50	1.80
(12).....	23.33	24.00	24.00	25.00	20.00	22.00	30.00
(13).....	18.43	22.00	20.00	20.00	23.00	22.00	20.00
(14).....	.0525	.06	.05	.06	.065	.06	.06
(15).....	.11	.10	.10	.10	.12	.15	.11
(16).....	200.00	1000.00	400.00	500.00	350.00	500.00	250.00
(17).....	4.18	2.75	4.00	3.75	4.50	5.00	3.50
(18).....	37.50	35.00	30.00	35.00	26.50	45.00	85.00
(19).....	35.00	35.00	30.00	36.00	28.25	40.00	85.00
(20).....	.40	.25	.20	.20	.60	.20	.15
(21).....	15.00	12.00	17.00	16.00	18.00	17.00	15.00
(22).....	89.00	105.00	87.50	97.00	85.00	100.00	90.00
(23).....	.053	.06	.07	.06	.05	.07	.08
(24).....	405.00	750.00	536.00	500.00	350.00	1000.00	300.00
(25).....	500.00	900.00	260.00	300.00	400.00	500.00	250.00
(26).....	170.00	150.00	252.00	300.00	150.00	300.00	150.00
(27).....	275.00	400.00	300.00	300.00	200.00	300.00	350.00

St.; owner, Pacific Box Corp.
Prem.; contractor, Cement Gun
Constr. Co. of Calif., 16 Califor-
nia St.; engineer, Philip L. Bush,
101 California St.

ALTER flats, \$300; 451-53 20th Ave.;
owner, Fred and Anna J. Strahle,
c/o Contractor; contractor, L.
Salomon, 1734 Broderick St.

BILLBOARD, \$13; SW Market and
Diamond Sts.; owner, West Coast
Adv. Co., 1430 Divisadero St.

ALTER dwelling, \$200; 1201 Broder-
ick St.; owner, Amy Stevens,
Prem.

ALTER store, \$400; NE Geary and
Shannon Sts.; owner, Madison &
Hurke, c/o Contractor; contrac-
tor, L. Salomon, 1734 Broderick
St.

ALTER loft building, \$250; 515 How-
ard St.; owner, Bothin Real Est-
ate Co., 604 Mission St.; con-
tractor, F. R. Siegrist, 604 Mis-
sion St.

ALTER dwelling, \$80; 42 Lower Ter.;
owner, D. Eilding, premises.

SIGN, electric, \$180; 406 Stockton St.;
owner, Frank Galvin, premises;
contractor, Qrs Neon Corp., Ltd.,
690 Potrero Ave.

SIGN, electric, \$225; 21 Octavia St.;
owner, First Baptist Church, 21
Octavia; contractor, Pacific Neon
Mfg. Co., 2600 18th St.

ALTER dwelling, \$150; 651 Clayton;
owner, Louise M. Williams, prem-
contractor, Fred J. Early, Jr., 369
Pine St.

ALTER apts., \$575; 1180 Turk St.;
owner, Luther M. Warda, 1182
Turk St.

BILLBOARD, \$7; S Geary 302 E Ar-
guello; owner, Foster & Kleiser,
1675 Eddy St.

SIGN, electric, \$140; 6150 Geary St.;
owner, Bayview Hardware, 6150
Geary St.; contractor, QRS Neon
Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$100; 311 Broadway;
owner, Albert Baiocchi, premises;
contractor, Pacific Neon Mfg. Co.,
2600 18th St.

ALTER restaurant, \$50; 503 Davis;
owner, Colombo Rest., premises;
contractor, Rome Carpenter Shop
1659 Powell St.

ALTER dwelling, \$800; 1060 Treat
Ave.; owner, J. C. Cunningham,
premises; contractor, T. R. Cud-
die, 712 Cole St.

ALTER dwelling, \$85; 1741 8th Ave.;
owner, Edith Hennessey, 625 Scott.

ALTER commercial bldg., \$250; 91-99
Drumm St.; owner, J. B. Perry,
care contractor; contractor, A. T.
Morris & Sons, 5400 Fulton St.

ALTER garage, \$150; 4364 Army St.;
owner, A. E. Nelson, 4366 Army.

ALTER store, \$200; 644 Market St.;
owner, Crocker Est. Co., 620 Mar-
ket St.; contractor, Dinwiddie
Const. Co., 210 Crocker Bldg.

FLUES, \$35; 641 Hampshire Street;
owner, Mr. Maseria, 2550 19th St.;
contractor, R. L. Perini, 325 Way-
land Ave.

ALTER flats, \$500; 230 San Jose Ave.
owner, J. J. Lauk, 228 San Jose;
contractor, John L. Wold, 153
Oxford St.

ALTER apts., \$700; 1421 Hyde St.;
owner, A. Corbelli, prem.; con-
tractor, All American Builders,
Inc., 3131 Washington St.

SIGN, electric, \$45; 360 O'Farrell St.;
owner, Delaware Club, premises;
contractor Wonderlite Neon Prod.
Co., 170 Otis St.

SIGN, electric, \$500; SW 14th and
Mission Sts.; owner, National
Guard of Cal., premises; con-
tractor, Elec. Prod. Corp., 910
Harrison St.

SIGN, electric, \$350; 1699 Post Street;
owner, M. Savar, 1734 Post St.;
contractor, Standard Neon Mfg.
Co., 2600 18th St.

SIGN, electric, \$150; 1252 Howard;

COWLITZ CO., WN.—Const. Burris Crk. Diversion—(Govt.)

COWLITZ COUNTY, Wash.—Geo.
Schmitt, 3916 SE 56th St., Portland,
at \$25,219.32, submitted low bid to
the U. S. Engineer Office, 306 Cu-
stomhouse, Portland, Oregon, under
Bid No. 698-38-270, for the construc-
tion of the Burris Creek diversion
in Drainage Improvement District
No. 5, consisting of excavating ap-
proximately 8700 feet of canal with
adjoining levees and the construc-
tion of a 42-inch syphon, a 72-inch
discharge line and excavation of lat-
eral drainage ditches, Cowlitz Co.,
Wash.

Work Involves:

- 9.1 acres stripping;
- 9,165 c.y. canal excav. placed in
levee (drag line);
- 12,552 c.y. canal excav. placed in
levee (truck haul);
- 24,772 c.y. levee embankment,
truck haul (from borrow);
- 8,713 c.y. mile truck overhaul;
- 2,400 c.y. ditch excav. (drainage
ditches);
- 342 c.y. excav., structural;
- 342 c.y. backfill;
- 3.94 MFBM untreated lumber, in

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 30.00	\$ 35.00	\$ 25.00	\$100.00	\$ 50.00	\$ 50.00	\$ 150.00
(2).....	.23	.35	.22	.25	.27	.26	.29
(3).....	.32	.38	.50	.50	.60	.45	.75
(4).....	.34	.50	.55	.45	.52	.60	.58
(5).....	.11	.12	.20	.20	.14	.20	.15
(6).....	.65	.35	.25	1.00	.25	.90	.84
(7).....	1.00	3.50	2.50	2.90	6.00	3.00	1.03
(8).....	.12	1.00	.50	3.00	1.00	1.00	.82
(9).....	46.00	100.00	60.00	80.00	100.00	60.00	123.00
(10).....	1.35	1.15	.85	.90	1.25	1.00	.73
(11).....	16.20	20.00	18.00	22.00	16.50	16.00	30.65
(12).....	11.00	12.00	8.50	8.00	9.00	9.00	11.05
(13).....	30.00	75.00	40.00	50.00	45.00	40.00	60.00
(14).....	.11	.16	.20	.10	.20	.20	.15
(15).....	5.50	3.50	4.00	4.00	3.50	3.50	3.79

Unit prices follow:

SANTA CRUZ CO.—BRIDGE CONSTRUCTION—(State)

SANTA CRUZ CO., Calif.—Earle
W. Heple, 494 Delmas Avenue, San
Jose, at \$24,851.90, submitted low bid
to the State Division of Highways,
C. H. Purcell, State Highway Engi-
neer, Public Works Building, Sacra-
mento, for the construction of a
reinforced concrete girder bridge
across Salispuedes Creek about one-
half mile northeast of Watsonville,
consisting of one 40-ft. 0-in. span and
two 30-ft. 0-in. spans and grading
and surfacing with crusher run base
topped with armor coat 0.23 mile of
roadway, Santa Cruz County.

Work Involves:

- 1 lot clearing;
- 10 M. gals. water;
- 225 c.y. struc. excav.;
- 5,150 c.y. imported borrow;
- 13 sta. finishing rdwy.;
- 760 tons crusher run base;
- 6 tons liquid asph. SC-1A armor
coat and penetration oil treat-
ment;
- 6 tons liquid asph. 90-95 armor
coat;
- 116 tons screenings armor coat;
- 64,000 lbs. bar reinf. steel;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$175.00	\$300.00	\$500.00	\$200.00	\$500.00	\$270.00	\$500.00
(2).....	1.50	2.00	3.00	3.00	2.50	4.00	10.00
(3).....	2.00	3.00	2.00	2.00	1.75	3.00	6.00
(4).....	.75	.75	1.00	1.00	.70	.78	.45
(5).....	10.00	10.00	10.00	12.00	15.00	20.00	10.00
(6).....	2.20	3.00	2.50	3.00	2.50	2.90	2.00
(7).....	16.50	20.00	25.00	25.00	25.00	21.00	25.00
(8).....	22.00	35.00	25.00	27.00	30.00	26.00	25.00
(9).....	4.40	5.00	5.00	4.00	3.50	2.85	2.21
(10).....	.06	.06	.06	.055	.06	.06	.01
(11).....	24.00	30.00	23.00	24.00	24.00	28.00	28.00
(12).....	60.00	60.00	60.00	55.00	50.00	75.00	75.00
(13).....	2.40	2.25	2.00	2.40	2.00	2.40	2.40
(14).....	60.00	70.00	75.00	50.00	60.00	63.00	30.00
(15).....	2.50	2.00	4.50	3.00	3.00	2.50	3.00
(16).....	600.00	700.00	600.00	1200.00	800.00	600.00	800.00
(17).....	3.00	3.00	3.00	3.00	5.00	3.00	4.00
(18).....	500.00	320.00	600.00	500.00	1500.00	240.00	1000.00
(19).....	500.00	508.00	750.00	850.00	2620.00	1240.00	75.00

Unit prices follow:

owner, El Rey Products, prem.; contractor, Standard Neon Mfg. Co., 2600 18th St.

LUES, \$50; 451-53 20th Ave.; owner, Fred Strahle, 447 20th Ave.; contractor, E. Sugarman, 3624 Geary.

LTER store, \$200; 2684 Mission St.; owner, Karl Shoe Store, Ltd., 2684 Mission St.

LTER store, \$75; 2889 22nd Street; owner, M. O. Sullivan, premises; contractor, L. Murer, 1276 Quesada Street.

IGN, electric, \$200; 1457 18th St.; owner, Fortuna Market, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

LTER storeroom, \$500; 1018 Columbus Ave.; owner, Geo. Baach, 1632 North Point St.; contractor, Geo. M. Moore, 231 Filbert St.

LTER storage bldg, \$850; 1401 Potrero Ave.; owner, N. E. Jones, 490 5th St.; architect, Donald E. Jaekle, 126 Post St.

IGN, electric, \$900; 54 Fourth St.; owner, Hotel Keystone, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

IGN, electric, \$175; 216 Stockton St.; Foster & O'Rear, premises; contractor, Novelty Elec. Sign Co., 419 Larkin St.

IGN, electric, \$125; 90 Golden Gate Ave.; owner, Jessom Sign Co., premises; contractor, Novelty El. Sign Co., 419 Larkin St.

IGN, electric, \$160; Alemany Blvd. and San Jose Ave.; owner, Tide Water Ass. Oil Co. premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

IGN, electric, \$400; 825 Mission St.; owner, Incandescent Supply Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALL, retaining, \$900; 1632 Market St.; owner, Somers Estate Co., 57 Sutter St.; contractor, Cahill Bros., 900 Clayton St.

LTER flats, \$200; 367-69 Fulton St.:

owner, H. Munster, prem.; contractor, Anthony Mullarkey, 40 Alverado St.

SIGN, electric, \$100; 415 Golden Gate Ave.; owner, Avenue Cafe, prem.; contractor, Novelty Elec. Sign Co., 419 Larkin St.

SIGN, electric, \$180; 672 Jackson St.; owner, H. P. Long, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

BILLBOARD, \$13; NW Turk and Stanyan Sts.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

ALTER apts., \$950; 1821 Baker St.; owner, Steve Reggiardo, 567 Vermont St.; contractor, Thos. Ellingson, Jr., 6119 Majestic Ave., Oakland.

ALTER dwelling, \$300; 335 Shotwell St.; owner, E. Raab, prem.; contractor, Philip Fetz, 460 Wilde.

SIGN, electric, \$225; 1545 Ocean Ave. owner, The Western Inn, prem.; contractor, Novelty Elec. Sign Co., 419 Larkin St.

SIGN, electric, \$60; 672 Jackson St.; owner, H. R. Leong, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$250; 1047 McAllister St., owner, Cerciat Laundry, premises; contractor, Standard Neon Mfg. Co., 2600 18th St.

Chas. H. Hoffman, Prem.

REPAIRS, \$100; 5709 College Ave., Oakland; owner and contractor, Estate of Mary Shore, c/o Bank of America, 1200 Broadway.

SIGN, metal (2), \$8 each; 2879 38th Ave., Oakland; owner and contractor, J. K. Gale, Prem.

METAL SIGNS—Owner & Contractor, Seaside Oil Co., 700 Potter Street, Berkeley:

5341 College Ave. (3): \$5, \$15, \$40.

4100 Foothill Blvd. (6): \$40, \$5, \$40, \$15, \$15.

5101 Foothill Blvd. (4): \$5, \$15, \$5, \$15.

6700 Foothill Blvd. (3): \$15, \$15, \$5.

3266 Fruitvale Ave. (4): \$15, \$15, \$15, \$5.

5101 Grove St. (2): \$5, \$15.

2801 Hopkins St. (4): \$5, \$15; \$40; \$15.

4345 Hopkins St. (3): \$15 each.

4401 Market St. (2): \$15, \$5.

5301 San Leandro St. (1): \$25.

4674 Shattuck Ave. (4): \$2 at \$15 each; 2 at \$5 each.

6301 Foothill Blvd. (1) at \$5.

8201 Foothill Blvd. (3): \$5, \$40, \$15.

6301 Telegraph Ave. (5): 2 at \$15 each, 2 at \$5 each, and 1 at \$10.

3838 West St. (4): 2 at \$15 each; \$40, \$5.

600 29th Ave. (5): \$25, \$13, \$15; 2 at \$5 each.

2450 E. 14th St. (4): 2 at \$15 each; 2 at \$5 each.

7944 E. 14th St. (4): 2 at \$15 each; 2 at \$5 each.

9801 E. 14th St. (3): 2 at \$15 each; 1 at \$5.

1401 E. 12th St. (4): 2 at \$15 each; 2 at \$5 each.

1429 E. 15th St. (2): \$15 and \$5.

2102 E. 21st St. (5): \$40; 2 at \$15 each; 2 at \$5 each.

RE-ROOF, \$92.50; 1600 Delaware St., Berkeley; owner, _____; contractor, Guy Tyler & Sons, 1502 Cedar St.

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, 1-story, \$500; 3040 Arizona St., Oakland; owner, B. C. Smallcomb, 3926 Maple Ave.; contractor, J. A. Dam, 1318 E. 26th St.

ADDITION, \$462; 550 61st St., Oakland; owner and contractor, D. M. Willis, 4160 Howe St.

GARAGE and shed, 1-story, \$240; 933 57th St., Oakland; owner and contractor, D. Del Vigna, Prem.

ALTERATIONS, \$20; 1215 107th Ave., Oakland; owner and contractor,

ALAMEDA COUNTY—GRADING AND SURFACING—(State)

ALAMEDA COUNTY, Cal.—George French, Jr., P.O. Box 107, Stockton, at \$53,245, submitted low bid to the State Division of Highways, Col. Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for 4.1 miles grading and surfacing with plant-mixed surfacing on crushed run base between Mountain House and Contra Costa County Line, Alameda Co., Cal.

- (10) 260 tons liq. asph., MC-3 or MC-4 surfacing;
- (11) 450 lbs. bar relinf. steel;
- (12) 5 c.y. class A portland cement concrete strucs.;
- (13) 182 lf. 12-in. CMP;
- (14) 14 lf. 24-in. std. reinf. concrete pipe;
- (15) 10 lf. 24-in. CMP, double riveted;
- (16) 10 lf. 36-in. std. reinf. concrete pipe;
- (17) 180 lf. 36-in. CMP, double riveted;
- (18) 50 lf. pipe culverts, remove, clean and relay.

Total bids follow:
 (A) Geo. French, Jr., P.O. Box 107, Stockton—\$53,245.
 (B) Bodenhamer Constr. Co., Oakland—\$55,957.70.
 (C) Greenfield-Farrar & Carlin, San Francisco—\$48,413.75.
 (D) Oilfields Trucking Co., Bakersfield—\$58,911.80.

- (E) Pacific States Constr Co., San Francisco—\$59,328.80.
- (F) E. A. Forde, San Anselmo—\$59,563.
- (G) Piazza & Huntley, San Jose—\$59,888.10.
- (H) Jones & King, Hayward—\$61,174.55.
- (I) J. A. Casson, Hayward—\$61,778.
- (J) Marshall S. Hanrahan, San Francisco—\$62,037.80.
- (K) Claude C. Wood, Stockton—\$62,097.50.
- (L) Fredericksen & Westbrook, Lower Lake—\$62,127.40.
- (M) Union Paving Co., San Francisco—\$63,983.50.
- (N) A. J. Raisch, San Francisco—\$66,691.10.
- (O) A. Soda & Son, Oakland—\$67,255.25.
- (P) Leez J. Immel, Berkeley—\$68,489.40.

Work involves:

- (1) 525 M. gals. water;
- (2) 18,900 c.y. roadway excav., without classification;
- (3) 150 c.y. struc. excav.;
- (4) 450,000 sta. yds. overhaul;
- (5) 9,700 c.y. imported borrow;
- (6) 217 sta. finishing roadway;
- (7) 16,000 tons crusher run base;
- (8) 90 tons liq. asph., SC-1A, prime coat;
- (9) 5,000 tons mineral aggregate surfacing;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1).....	\$1.00	\$1.00	\$.75	\$.75	\$1.10	\$1.00	\$1.50	\$1.50	\$1.00	1.50	\$1.20	\$1.50	\$1.50	\$1.00	\$1.50	\$1.50
(2).....	.20	.20	.20	.35	.2	.2	.2	.23	.23	.28	.28	.33	.25	.50	.48	.48
(3).....	1.00	1.00	1.00	1.50	1.00	1.00	1.10	1.10	2.00	1.00	1.50	1.30	2.00	1.50	1.50	1.50
(4).....	.0075	.0075	.002/5	.003/5	.001/3	.001/2	.003/10	.003/10	.001/2	.002/5	.001/2	.002/5	.001/2	.002/5	.01	.001/3
(5).....	.50	.47	.40	.45	.52	.50	.60	.48	.45	1.00	.70	.33	.55	.60	.60	.60
(6).....	4.00	3.00	5.00	2.50	5.00	3.00	6.00	6.25	2.00	6.00	5.00	5.00	5.00	5.00	6.25	5.00
(7).....	1.43	1.63	1.75	1.50	1.59	1.75	1.65	1.82	1.47	1.40	1.60	1.80	1.85	1.95	1.60	1.80
(8).....	11.50	10.30	10.00	10.50	15.00	11.00	11.40	13.00	15.00	12.00	15.00	12.50	15.00	12.50	15.00	13.00
(9).....	2.43	2.53	2.80	2.60	2.75	2.55	2.46	2.15	3.00	3.00	2.50	2.75	2.00	2.75	2.55	3.00
(10).....	16.00	15.40	14.00	15.50	15.00	14.00	16.50	18.00	20.00	15.50	18.00	17.00	18.00	17.00	14.00	17.00
(11).....	.10	.08	.07	.07	.07	.06	.08	.09	.06	.10	.10	.15	.10	.10	.10	.10
(12).....	30.00	30.00	25.00	30.00	30.00	30.00	30.00	35.00	25.00	40.00	30.00	42.00	40.00	30.00	30.00	30.00
(13).....	1.50	1.85	1.25	1.50	1.45	1.50	1.60	1.60	1.50	1.40	1.50	1.40	1.75	1.30	2.00	1.45
(14).....	2.00	3.00	4.50	2.70	4.50	2.50	3.60	5.00	4.00	4.00	3.00	4.20	3.50	4.00	5.00	4.00
(15).....	3.50	3.00	3.00	3.25	3.15	2.50	3.25	3.85	3.00	3.00	3.00	3.80	4.00	3.50	5.00	4.25
(16).....	4.00	6.00	6.00	5.50	6.50	5.00	4.80	8.60	6.00	6.00	5.00	6.00	5.00	8.00	10.00	10.00
(17).....	6.00	5.00	5.00	5.50	5.40	4.50	6.00	6.75	6.00	5.50	5.00	6.00	7.00	6.00	6.00	6.65
(18).....	1.00	.50	1.00	2.25	.75	.50	.60	.75	.50	1.00	1.00	1.20	1.00	1.00	3.00	1.00

Unit prices follow:

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Jan. 25, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-179, for furnishing 5-drawer unit map case together with top and base; f.o.b. Rio Vista, Cal.

FORT MASON, Calif.—Until Jan. 31, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 923-38-200, for furnishing parts for White Indiana truck; Waukesha engine, Ross Steering gear and Chevrolet truck.

SACRAMENTO, Calif.—Until Jan. 25, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-180, for furnishing equipment for (1) Gray Sea Scout Motor and (2) parts for American Bosch Magneto; fob Rio Vista.

FORT MASON, Cal.—Until Feb. 1, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 923-38-204, for furnishing (1) 3 five-gal. piston type hand-operated gasoline pumps, and (2) 3 gasoline tanks, 1000 U. S. gal. capacity; f.o.b. Presidio of San Francisco, Cal.

SACRAMENTO, Calif.—Until Feb. 1, 3:00 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-185, for furnishing bell reducers, nipples, bushings, steel, pipe and rods; f.o.b. Rio Vista, Calif.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until Jan. 25, 2 p.m., bids will be received by the Los Angeles Water & Power Purchasing Agent for furnishing paper insulated lead covered cable, single conductor, 600-volt, Spec. 2520, as follows:

- (1) 1000 ft, 1500 MCM cable;
 - (2) 5000 ft, 1000 MCM cable;
 - (3) 20,000 ft 500 MCM cable;
 - (4) 51,000 ft No 4/0 AWG cable;
 - (5) 50,000 ft No 1/0 AWG cable;
 - (6) 50,000 ft No 4 AWG cable;
 - (7) 52,000 ft No 6 AWG cable;
- Single conductor, 5000-volt cable.
- (8) 2500 ft No 2 AWG cable;
 - (9) 2500 ft No 6 AWG cable;
- Three conductor, 5000-volt cable.
- (10) 12,000 ft 500 MCM cable;
 - (11) 12,000 ft 500 MCM cable;
 - (12) 11,640 ft 500 MCM cable;
 - (13) 10,000 ft No 20 AWG cable;
 - (14) 10,500 ft No 6 AWG cable;
 - (15) 1000 ft No 6 AWG (4-conductor).

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for the purchase of equipment, as follows:

JANUARY 24, 2 P. M.:

BID NO. 5384: Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment, fob Government Island.

JANUARY 26, 2 P. M.:

BID NO. 5403: Purchase of new Buda (or equal) motor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Redding.

GOVERNMENT ISLAND, Calif.—Until Jan. 27, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5410, for the purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Glendale, Calif.

GOVERNMENT ISLAND, Calif.—Until January 28, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5402, for the purchase of new Gardner-Denver (or equal) compressor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment, fob Glendale.

CANAL ZONE

PANAMA CANAL.—Until Feb. 2, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3325, for furnishing supplies and materials, including:

Spiral riveted pipe, boiler feed pumps, electric grinding machine, valves, welding rods, platform scales, anchors, metal-cutting band saws, pressure gauges, gas regulator, pulleys, steel bolts, wire cloth, running lights, electrode holders, searchlights, electric lighting fixtures, aluminum-ware, water pitchers, leather belting, corrugated metal roofing, concrete reinforcement bars, cast-iron water pipe and fittings, creosoted Southern Yellow Pine or Douglas Fir timbers and burial caskets; f.o.b. Balboa and/or Cristobal.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, San Francisco, Cal.

PANAMA CANAL.—Until Jan. 26, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3324, for furnishing supplies and materials, including:

Tool grinders, sledge hammers, pressure gage, head-set receivers, test clips, hand taps, range poles, post-hole digging spoons, lanterns, gloves, pots, brass nuts, copper-wire cloth, door locks, hinges, metallic and steel tapes, oilboard, paper, sewer-pipe bends and Y-branches, stepladders, iron or steel cement compound, quicklime, molding sand, and structural steel I-beams; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal.

PANAMA CANAL.—Until Jan. 28, 10:00 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule 326, for furnishing supplies and materials, including:

Clocks, gongs, boat compasses, thermometers, circular wood saws, steel-wire brushes, steel rivets, steel washers, frying pans, tumblers, spoons, steel wool, towels, paper, Southern Yellow Pine piling (creosoted), and flanged cast-iron pipe fittings; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials, as follows:

JANUARY 24, 10 A. M.:

BID NO. 4952: Douglas fir and redwood of various sizes; fob Redding, Shasta County;

BID NO. 4954: 882 gals. asphalt; fob Warring and Parker Sts., Berkeley;

BID NO. 4955: 150 gals. asphalt; fob Warring and Parker Sts., Berkeley;

JANUARY 25, 10 A. M.:

BID NO. 4959: Steel pipe, ellis, tees, reducers, valves, unions, traps and Y branches; fob Sacramento and Gough Sts., San Francisco;

BID NO. 4960: 100 cu. yds. rock aggregates; fob Elk Grove, Sacramento County;

JANUARY 26, 10 A. M.:

BID NO. 4953: 25,000 FBM Douglas fir; fob Larkin and Beach Sts., San Francisco;

JANUARY 28, 10 A. M.:

BID NO. 4961: Furnishing glass; fob 34th Ave. and Clement St., San Francisco;

BID NO. 4962: Furnishing all interior millwork, trim and cabinet work; fob 34th Ave. and Clement St., San Francisco.

DAILY PACIFIC BUILDER

LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath

PRINTING • AND • PUBLISHING • COMPANY

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Barrett & Hilp Bid Bridge
Railway Catenary



*State Calls Bids on Two Highway
Contracts*



**Building Permits, Advance Reports
of Building and Engineering
Projects**

**ON THE
JOB
IN
WESTERN CONSTRUCTION**



**GOLDEN
GATE**

TRUE PORTLAND CEMENT

⁷⁹**PACIFIC PORTLAND CEMENT COMPANY**
SAN FRANCISCO

STARK-RATH
Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., JANUARY 29, 1938 No. 5

Barrett & Hilp Low, at \$370,283, on Bridge Catenary and Feeder Contract

Barrett and Hilp, San Francisco, at \$370,283, yesterday submitted the low bid for construction of catenary and feeders for the bridge railway facilities on the main bridge, San Francisco loop and East Bay Yard, last major contract in the San Francisco-Oakland Bay Bridge program.

Bids were opened yesterday by the San Francisco - Oakland Bay Bridge Division of the State Department of Public Works at the bridge division offices, 500 Sansome street.

Four Bids

Four firms submitted bids on the contract. They are:

Barrett & Hilp.....	\$370,283
Alta Electric & Mech. Co.....	384,410
Kenney Electric Co.....	394,920
Radefinger Brothers.....	403,845

Bids could be submitted on three proposals. The proposals were: Proposal A, catenary and feeders for main bridge and San Francisco loop; Proposal B, catenary and feeders for East Bay Yard; and Proposal C, combination of Proposals A and B.

Three Proposals

Only Barrett and Hilp submitted bids on Proposals A and B. The three other bidders submitted bids on Proposal C, only.

The bid of Barrett and Hilp on Proposal A was \$205,918, and on Proposal B, \$196,575.

Bids were first opened on the contract on October 13. The bidders were: Alta Electrical & Mechanical Co. \$484,507; Kenney Electrical Company, \$490,457; and Radefinger Brothers, \$519,650. Barrett and Hilp did not submit a bid on the original contract. All bids were rejected by the San Francisco-Oakland Bay Bridge Division of the State Department of Public Works.

Several changes were involved in the new call for bids for construction of the catenary, popularly known as "trolley wires", and feeders for the bridge.

The original contract involved two proposals, but it was specified that the entire job would be awarded as one contract, the division being made for purposes of record.

The present job involved three

K. E. PARKER BIDS POST OFFICE JOB

WASHINGTON, D. C., Jan. 25.—K. E. Parker, 135 South Park, San Francisco, at \$54,974, today submitted the low bid to the U. S. Treasury Department, Procurement Division, for construction of a post office building at Pacific Grove.

L. F. Dow, at \$56,000, submitted the second lowest bid on the job. The third lowest bidder was Robert McCarthy, at \$56,528. As is the case in all federal post office projects, plans and specifications for the building were prepared under the direction of the Supervising Architect of the Treasury Department.

proposals, due to an addition of Proposal C involving construction of the complete job. The bridge Division announced at the time bids were called that the right was reserved to award the contract on any combination of proposals which would result in the lowest sum for the entire project.

Proposal C Low

Since the combination of the only bids on Proposals A and B, submitted yesterday by Barrett and Hilp, totals \$402,493, the contract will probably be awarded on Proposal C, the lowest sum for the complete job.

There were few changes in the specifications on the second call for bids. A new item under Proposal A called for a power line to the San Francisco terminal. Changes in Proposal B included the addition of an item calling for three disconnect switches, 1200 amperes, Type R; and a drop from eight to seven disconnect switches, 1200 amperes, Type H.

STATE RECEIVES SEVENTEEN BIDS ON BRIDGE JOBS

E. E. Smith, S. A. Cummings
Low on San Luis Obispo
Humboldt Spans

SACRAMENTO, January 26.—Seventeen bids today were opened by the State Division of Highways on two contracts calling for construction of bridges in San Luis Obispo and Humboldt counties.

E. E. Smith, Eureka, at \$36,917, submitted the low bid on the largest job. The contract calls for construction of a reinforced concrete slab bridge across Jordan Creek six miles south of Scotia in Humboldt county.

Bridge and Approach

The bridge will consist of six 22-foot spans, one 24-foot span, and one 15-foot span on concrete piers with steel pile foundations. Also included in the contract are grading and surfacing with plant-mixed surfacing of about 0.19 mile of approach roadway.

Other bidders were: Earle W. Heple, \$38,403.75; Poulos and McEwen and M. A. Jenkins, \$38,756.25; Mercer-Fraser Co., \$41,758.50; A. Soda and Son, \$41,794; John Burman and Son's, \$44,970; and F. J. Maurer and Son, Inc., \$45,319.25.

S. A. Cummings, San Diego, at \$23,898, submitted the low bid for construction of a timber bridge across San Juan Creek about thirty-eight miles east of Santa Margarita in San Luis Obispo county.

Other bidders included: Valley Construction Co., \$24,916; Wm. T. Loesch and E. G. Perham, \$25,129; Earle W. Heple, \$25,616; Edward Green, \$26,800; V. R. Dennis Const. Co., \$27,497.50; A. Soda and Son, \$28,626.50; Rexroth & Rexroth, \$28,684.50; R. R. Bishop, \$33,963.30; and J. E. Burrell & Son, \$35,068.22.

Export shipments of windmills for the first eleven months of 1937 amounted to 15,737 units, a decided increase over the total of 13,122 units shipped during the same period in 1936, according to the Bureau of Census.

COULEE PASSES BOULDER MARK IN CONCRETING

**4,520,000 Yards Poured; Dam
Now Largest Existing Ma-
sonry Structure**

All records for concreting were broken during the construction of the base of Grand Coulee Dam, now virtually complete, John C. Page, Commissioner of Reclamation, reported this week to Secretary of the Interior Harold L. Ickes.

A total of 4,520,000 cubic yards of concrete have been placed in the structure, built in the Columbia River at the head of the Grand Coulee, 92 miles west of Spokane, Wash. This compares with a total of 4,498,314 cubic yards of concrete placed in Boulder Dam, the Boulder Power House and all other appurtenant structures of the great Boulder Canyon Project on the Colorado River. The base of Grand Coulee Dam, since it exceeds Boulder Dam, thus has already become the largest masonry structure built by man.

During 1937, a total of 2,620,756 cubic yards were placed in Grand Coulee Dam, breaking the record of 2,563,784 made in 1934 at Boulder Dam, also built by the Bureau of Reclamation. The maximum monthly pour of concrete at Grand Coulee Dam was 377,135 cubic yards, compared with the maximum monthly pour of 261,847 at Boulder Dam. In the construction of Grand Coulee Dam a new daily record was established at an even 15,000 cubic yards, by far exceeding the previous record, also established at Boulder Dam, of 10,417.

Ahead of Schedule

The contract for construction of the base of Grand Coulee Dam was awarded to the M.W.A.K. Company (Mason - Walsh - Atkinson - Kier Company), on July 13, 1934, and work was commenced Sept. 28, 1934. The final pour of concrete was made at 7:50 P. M., January 10, 1938, more than 15 months ahead of the schedule set in the specifications.

On December 10, 1937, the Bureau of Reclamation received bids for the completion of the dam. The contract has not yet been awarded, but final action on the tenders are expected within a short time. Under the specifications upon which the bids were called, an additional 5,250,000 cubic yards of concrete are to be placed in the dam.

The base of Grand Coulee Dam rises on the average 177 feet above the bedrock. When the second stage of the work is completed, that now is about to begin, the dam will rise 550 feet high.

Domestic water softener shipments during the first 11 months last year totaled 11,961 as compared with 10,374 during the corresponding 1936 period, the census bureau reports.

L. A. FIRM AWARDED \$109,853 CONTRACT

SACRAMENTO, Jan. 26.—Earl Lee Kelly, State Director of Public Works, today awarded the contract for construction of an undergrade crossing in Los Angeles county to United Concrete Pipe Corp., Los Angeles, at \$109,853.50.

Twelve firms submitted bids on the contract which calls for construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near Rudell Station. Construction of approaches is included in the contract. Vido Kovacevich, at \$110,922, was the second lowest bidder, followed by Oscar Oberg, at \$111,540.

STATE INVITES BIDS FOR TWO HIGHWAY JOBS

SACRAMENTO, Jan. 25.—The State Highway Commission today authorized bid calls on contracts for construction of an overhead structure in Santa Clara county, and for grading and surfacing 4.7 miles of highway in San Benito county.

Bids on both contracts will be opened in Sacramento, February 16, at 2:00 P. M.

The project in Santa Clara county involves construction of a reinforced concrete overhead structure over Madrone Drive about five miles south of Los Gatos.

The overhead structure will consist of one 43-foot 1-inch span; one 50-foot span; and one 41-foot 1-inch span. The spans will be constructed on concrete bents and abutments.

About 155,000 pounds of bar reinforcing steel will be used on the job. Other principal items include: 600 cubic yards of structural excavation; 800 cubic yards of Class A Portland cement concrete structures; 700 pounds of cast steel rockers; 8800 pounds of miscellaneous steel; 2160 lin. ft. of treated Douglas fir piles; driving 72 treated Douglas fir piles; and 800 sq. yds. of gunite.

On the same day bids will be opened here for grading, road mix surface treatment and applying Class B seal coat to 4.7 miles of highway between Paicines and Tree Pinos in San Benito county.

Principal items include: 126,000 cubic yards of unclassified excavation; 860 tons of liquid asphalt of various types; 84,400 square yards preparing, mixing and shaping of roadbed; 15,000 pounds bar reinforcing steel; and 2580 lineal feet of CMP of various sizes.

PASS 10th MILE IN SAN JACINTO TUNNEL BORING

**Three Mi. of Excavation Left;
Lining Completed in
5.5 Miles**

Hard-rock miners, working a half mile beneath the surface of the earth, have blasted out a block of granite which completed the excavation of the tenth mile of the 13-mile San Jacinto tunnel, according to a report received in the Los Angeles office of F. E. Weymouth, General Manager of the Metropolitan Water District.

With exactly three miles of rock remaining to be excavated in the tunnel, work is now being pushed ahead at four working faces in the tunnel. Water District engineers stated yesterday that excavation progress in the tunnel has been materially increased during the last few days because of the two additional headings that have been put into operation at the foot of the Lawrence adit.

Located near the center of the 13-mile tunnel, this mile-long adit, giving access to the main tunnel, has just recently been completed. Tunnel crews are now working east and west from the bottom of this adit as well as from the Cabazon and Potrero shafts. The tunnel is being excavated to a diameter of 18 feet, large enough to accommodate a full size locomotive.

Tunnel Lining

In addition to the ten miles of the tunnel that have been excavated, yesterday's construction report stated that more than five and a half miles of the tunnel have been lined with concrete and completed. Placed with machines which pump the concrete into special steel forms the smooth concrete lining is 18 inches thick.

The San Jacinto tunnel is the second longest of the 38 tunnels on the 392-mile Metropolitan Aqueduct system, and will be the last of the tunnels to be completed. With a total length of 108 miles, 105 miles of which already have been excavated, this is one of the largest hard-rock tunnel jobs in construction history.

Being constructed to carry a billion gallons of water a day across the state of California from the Colorado River to the thirteen Southern California cities that comprise the Metropolitan Water District, the Metropolitan Aqueduct is now in its sixth year of construction, and is scheduled to be completed in 1939.

Architectural features, costing \$1,000,000, including main gates 120 feet high, South and East towers, pylons, arcades, arches and a 400-foot central steel tower, are now under construction for the 1939 Golden Gate International Exposition.

Schedule Bids on Shasta Bypass Tunnel, First Major Kennett Division Contract

The first heavy construction contract on the Kennett Division of the Central Valley Project went out for bids this week as the U. S. Bureau of Reclamation announced that proposals will be opened Feb. 21 for construction of the Shasta by-pass tunnel.

Bids will be opened at 10 A. M. in the Old Post Office Building in Sacramento.

The bid call for construction of the diversion tunnel was the first action to follow an agreement between the Southern Pacific Railroad and the U. S. Bureau of Reclamation reached last month providing the relocation of the Southern Pacific tracks around the site of the proposed Shasta Dam.

Under Dam Site

At the present time the tracks skirt the river at a point near the center of the proposed dam. The current contract will provide for construction of a by-pass tunnel under the dam site though which tracks will run until such time as the permanent relocated tracks are laid.

The contract involves 46,750 cubic yards of excavation for the tunnel as well as 35,800 cubic yards of unclassified excavation. About 70,000 pounds of permanent steel tunnel supports will be installed, and 13,125 cubic yards of concrete poured in the tunnel.

Other items include: 525 cubic yards of concrete in structures; 10,000 pounds of reinforcement bars; 12,000 pounds of grout and drain pipes; 50,000 pounds of steel cover section; and 50,000 station cubic yards of overhaul.

Near Redding

The work is located about fourteen miles north of Redding.

Meanwhile Department of Labor officials are considering minimum wage scales for Shasta Dam and the by-pass tunnel following hearings held in Redding Friday. The hearings to determine minimum wage scales on the projects were conducted by Bertram R. Coen, special referee from the Department of Labor. An announcement is expected shortly on the 200 separate labor classifications submitted by the Reclamation Bureau.

With the contract for construction of the by-pass tunnel out for bids the way is cleared for advertisement of bids on Shasta Dam in March as announced by Reclamation Commissioner John C. Page last month.

The tunnel contract calls for completion of the work within 150 calendar days of the start of construction.

Shipments of fire extinguishing motor apparatus for the first 11 months of 1937 amounted to 785 units, as compared to shipments of 608 units for the same period in 1936, the Bureau of Census announces.

4 ROAD, BRIDGE CONTRACTS LET

SACRAMENTO, Jan. 24.—Four Northern California road and bridge contracts were awarded here today by State Director of Public Works Earl Lee Kelly. Contracts were let to: Hemstreet & Bell, Marysville, \$132,154, reinforced concrete slab bridge in Del Norte county; E. G. Perham, Los Angeles, \$25,628, construction of seven timber bridges in Merced county; Earl W. Heple, San Jose, \$24,851, reinforced concrete girder bridge in Santa Cruz county; and Geo. French, Jr., Stockton, \$53,245, grading and surfacing four and one-tenth miles in Alameda county.

Whitton to Address Engineers' Meeting

The next regular monthly meeting of the Structural Engineers Association of Northern California will be held at the Engineers' Club (206 Sansome street) San Francisco, on Tuesday, February 1, beginning with assembly at 5:30 P. M., dinner at 6:00, and meeting at 7:15 P. M.

The principal speaker will be Mr. C. A. Whitton, structural engineer, and engineer for the Oakland Board of Education. His subject, now under development by the Oakland and Berkeley Boards of Education, will be "Remarks on the Investigation and Tests for Grouted Anchor Bolts."

There will also be a sound picture entitled "Making of Structural Steel Shapes," prepared by the Bethlehem Steel Co. and showing the latest technique used by large rolling mills.

Production of malleable iron castings for the first eleven months of 1937 amounted to 574,494 short tons, as compared to production of 510,022 short tons during the same period in 1936, the Bureau of Census announces.

Shipments of distillate oil burners for the first eleven months of 1938 amounted to 452,633, as compared with shipments of 385,285 burners for the same period in 1936 according to the Bureau of Census.

CONCRETE GROUPS SET FOR SECOND JOINT CONCLAVE

Plans Completed for Confer- ences Next Month in Chicago

Enthusiasm being shown by concrete contractors and products manufacturers in the second annual joint conference to be held at Hotel Sherman in Chicago on February 8, 9, 10 and 11 indicates another very successful meeting, according to officials of the Portland Cement Association.

The rapidly increasing building market has brought out and proven many new methods. Concrete contractors and products manufacturers, keeping in step with these developments, have arranged a program at which leading contractors and engineers will give the details of these methods.

Highlights of the programs will consist of many actual demonstrations—various methods of applying colored finishes to walls and floors—illustrated talks on vibration—new forming methods for building reinforced concrete walls and the use of ready-mixed concrete.

Building Contractors

While planned for the concrete contractors, the program should also be of interest to building contractors not specializing in concrete construction but who want to get up-to-date on the developments in the industry, it is reported.

Other groups of concrete makers will be holding conferences at the same time. Among these are the National Cinder Concrete Products Association and The Cast Stone Institute. In general the convention programs have been arranged so that subjects of interest on any program can be attended by all groups.

An exhibit of concrete machinery, accessories and materials have been assembled for the exclusive inspection of the concrete makers. This exhibit is being sponsored by the Concrete Industries Exposition. Advance reservations for space indicates a larger and more complete exhibit than at any previous expositions.

M. H. RHODES OFFICE MOVED FROM NEW YORK

The Executive and General Sales offices of M. H. Rhodes, Inc., were moved from Rockefeller Center, New York, to their factory at 30 Bartholomew Ave., Hartford, Connecticut, January 1, it is announced.

Now the mass production of range, washer and appliance timers, wall switches, coin meters, and parking meters has required internal reconstruction of the factory and the addition of much new machinery, the company announces.

A.G.C. SCORES PUMP - PRIMING WPA SPENDING

To Discuss Problem at Nat'l
Convention in Washington
February 7-11

WASHINGTON, D. C., Jan. 24.—The pump priming expenditures of the federal government which are being urged by leading business and industrial advisors of the Administration will not accomplish a great deal toward restoring industrial recovery, if these expenditures are made through the work relief operations of the Works Progress Administration, E. J. Harding, managing director of the Associated General Contractors of America, declared today.

"Construction activity is of general benefit to all industries because it means the purchase of large quantities of the products of the heavy goods industries," Harding pointed out, "but WPA work-relief utilizes little in the way of equipment and materials, and consequently affords no stimulus to the activity of these industries."

The completion of the federal government's vast work-relief organization with the construction industry will form one of the leading matters of discussion at the annual convention of the Associated General Contractors of America, to be held in Washington, Feb. 7 to 11, Harding announced, and it is expected that a plan of activity through the utilization of private construction enterprise will be drawn up by the convention for submission to the Administration so that the recovery of the construction industry may be assured.

Contractors Suffer

"General contractors have had a heavy burden to bear in their efforts toward recovering their pre-depression markets because of the competition of the WPA," Harding said. "WPA's own figures show that three-fourths of its expenditures have been made in the construction field. Not only have private contractors suffered through this policy, but all the component elements of the construction industry. It is well known that the WPA policy is to employ large numbers of men on the site of the work, keeping them busy with picks and shovels, rather than to employ modern machinery which will do the work twice as efficiently and at considerable saving in cost."

"The argument that the object of the work-relief program is to provide a great many jobs is advanced as the excuse for this system of performing the work" Harding said. "However, it is our belief, supported by studies of leading economists, that just as much employment is furnished by the use of modern, efficient machines, since employment in factories and mines

A. Walter Kildale Killed in Eureka

A. Walter Kildale, former city clerk of Eureka, noted educator, and widely known to members of the construction industry, died last week after he apparently walked against the side of a moving street car in Eureka and was struck to the pavement.

The accident occurred during a heavy rain. Mr. Kildale died Wednesday in St. Joseph Hospital shortly after the accident.

Members of the construction industry who had dealt with Mr. Kildale in his official capacity had occasion to recall his never-failing courtesy and kindness.

For sixteen years, from 1921 until 1937, Mr. Kildale served as city clerk of Eureka, retiring from active business affairs last fall. He was 72 at the time of his death.

Prior to his seven terms as city clerk, Mr. Kildale had operated a private school in Eureka for a quarter of a century. A native of England, he was a graduate of Oxford University. He came to Eureka in 1890, and had been a resident of the city continuously since that time.

is furnished in the production of these machines.

"The greatest unemployment is in the industrial centers, while the construction projects are mostly located in rural sections where there is little need for employment. It seems obvious that the work-relief program should be directed toward relieving the industrial unemployment by the use of up-to-date methods and equipment which will employ relatively few men on the job as compared with the indirect labor which the job stimulates in the factories."

Use Regular Agencies

The construction programs of the regular federal agencies, such as the Bureau of Public Roads, the Bureau of Reclamation, the Corps of Engineers and the Procurement Division of the Treasury Department, can be utilized to bring about the resumption of large industrial production, Harding stated. "These federal bureaus, through long years of supervision of construction operations, have evolved efficient methods of carrying on their operations. All of them have large programs of construction already mapped out—construction which is necessary and which will provide the stimulus to the heavy goods industries which is being sought."

Continuation of the construction programs of these agencies will be urged by the contractors' convention. "When all that is needed to get these programs under way is for Congress to make the necessary appropriations, it seems ridiculous to disregard them and start up a wasteful, unplanned program of 'semi-construction' which will be of no lasting benefit to the country, Harding stated.

MILLS REPORT SLIGHT GAINS IN PRODUCTION

Level of Orders, Shipments
Remains Steady During
Second Jan. Week

A total of 140 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending January 15, produced 63,609,209 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 40.4 per cent of its average weekly cut during 1926-29.

The new business reported taken last week by the 149 mills was 62,227,855 board feet. Shipments were 69,037,885 feet.

Details of orders and shipments as reported by the 149 mills are:

	Orders	Shipments
Dail	31,103,789	30,238,470
Domestic		
Cargo	22,622,952	26,813,758
Export	2,449,753	5,394,296
Local	6,051,361	6,051,361
	62,227,855	69,037,885

The unfilled order file at these mills stood at 274,520,909.

Productions, orders and shipments shown in this report continue, as during the past several weeks, to be low, even for the beginning of the year, according to the association.

The market outlook continues to be quiet.

Standard for Roofing Terme Is Available

The Division of Simplified Practice of the National Bureau of Standards has announced that printed copies of Simplified Practice Recommendation R30-37, Roofing Terme, are now available. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

The original recommendation, which was approved at a general conference of producers, distributors and users, and made effective January 1, 1925, established seven weights of coating for roofing terme, ranging from 8 to 40 lbs. The recommendation also provided that no roofing terme be manufactured lighter than the IC gage. The original recommendation was revised in 1927 and re-affirmed without change several times since then.

The original weights of coating and minimum gage are retained in the revision and a packaging schedule for roofing terme in boxes and of marking roofing in rolls.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No. Owner	Contractor	Ami.
490 Johns	Miller	5500
491 Hearst	Parker	70000
492 La Feria	Cornblum	5000
493 O'Connor	Lindberg	11900
494 Greenwood	Owner	3000
495 Greenwood	Owner	3000
496 Halstrom	Central Calif.	3450
497 Nelson	Owner	3000
498 Nelson	Owner	3500
499 S.F. Red Cross	Jensen	2000
500 Uhl	Smith	2000
501 Carraro	Owner	3200
502 Exchange Realty	Owner	4000
503 Krekos	Antonioni	4000
504 Magrane	Owner	30000
505-9 Mohr	Owner	3000
510 Nelson	G. G. Const	3500
511-13 Rousseau	Owner	8000
514-9 Standard	Owner	3500
520 Standard Oil	Owner	6000
521 Cordes	Thulin	1900
522 Hallean	Owner	4000
523 Jones	All-Am. Bldg.	2940
524 Michael	Owner	3000
525 Pereira	Owner	2000
526 Union Furn.	Royal	3900

STORE & DWELLING
 (490) NE COLBY AND SILVER.
 Two-story frame store and dwelling.
 Owner—Ernest and Andronike Johns, Tenth and Harrison Sts.
 Contractor—Miller Constr. Co., 3917 Mission.
 Architect—Not Given. \$5500

ALTERATIONS
 (491) SE THIRD AND MARKET STS. Alter offices.
 Owner—Hearst Estate, Inc., Prem.
 Contractor—K. E. Parker Co., 135 South Park.
 Architect—Julia Morgan, Merchants Exchange Bldg. \$70,000

DWELLING
 (492) N. THOMAS, 100 E INGALLS.
 Two-story and basement frame dwelling.
 Owner—D. La Feria, 1310 Shafter St.
 Contractor—Edw. Cornblum, 2200 47th Ave.
 Architect—W E. Huson, 475 24th Ave. \$5000

DWELLING
 (493) SW TWIN PEAKS BLVD. & CLARENDON. Two-story and basement frame dwelling.
 Owner—J. Francis O'Connor, c/o Contractor.
 Contractor—C. Lindberg, 1 Naylor St.
 Architect—Not Given. \$11,900

DWELLING
 (494) NE MIRABEL, 475 NW FOLSOM. One-story and basement frame dwelling.
 Owner—Walter Greenwood, 3240 Mission St.
 Architect—Not Given. \$3000

DWELLING
 (495) NE MIRABEL, 500 NW FOLSOM. One-story and basement frame dwelling.
 Owner—Walter Greenwood, 3240 Mission St.
 Architect—Not Given. \$3000

DWELLING
 (496) SW ALLISON AND MORSE. One-story and basement frame dwelling.
 Owner—Gerda Halstrom, 912 Geneva Ave
 Contractor—Central Calif. Const. Co.,

115 Burrows St.
 Architect—Not Given. \$3450

DWELLING
 (497) N. MARKET, 30 W YUKON. One-story and basement frame dwelling.
 Owner — Fernando Nelson & Sons, 2901 19th Ave.
 Architect—Not Given. \$3000

DWELLING
 (498) NW MARKET AND YUKON. Two-story and basement frame dwelling.
 Owner — Fernando Nelson & Sons, 2901 19th Ave.
 Architect—Not Given. \$3500

ALTERATIONS
 (499) 1136 EDDY ST. Alter offices.
 Owner—S. F. Chapter of Red Cross, 1136 Eddy St.
 Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.
 Architect—T. L. Friueger, 589 Market St. \$2000

ALTERATIONS
 (500) 45 DORLAND ST. Alter apts.
 Owner—Jos. J. Uhl, 750 Guerrero St.
 Contractor—C. L. Smith, 1346 James Ave.
 Architect—Not Given. \$2000

(501) N FELTON 81 E Dartmouth. One - story and basement frame dwelling.
 Owner and Builder—Antonio Carraro, 750 Felton Street.
 Architect—Not Given. \$2,200

ALTERATIONS
 (502) 369 PINE ST. Alter office building.
 Owner—Exchange Realty Co., prem.
 Contractors—Various.
 Architect — Frederick Whitton, 369 Pine Street. \$4,000

(503) W 47th AVE. 252 N Anza St. One - story and basement frame dwelling.
 Owner—H. L. Krekos, 523 6th Ave.
 Contractor — Frank Antonioni, 2450 Union Street.
 Architect—Not Given. \$4,000

ALTERATIONS
 (504) 2159 CHESTNUT ST. Alter store.
 Owner and Contractor—A. F. Magrane, 601 Buena Vista Ave.
 Architect—Not Given. \$30,000

DWELLING
 (505) W ST. CHARLES AVE. 325 N Palmetto. One - story and basement frame dwelling.
 Owner and Builder—Rudolph Mohr & Sons, 4482 Mission Street.
 Architect—Not Given. \$3,000

DWELLING
 (506) W ST. CHARLES AVE. 350 N Palmetto. One - story and basement frame dwelling.
 Owner and Builder—Rudolph Mohr & Sons, 4482 Mission Street.
 Architect—Not Given. \$3,000

DWELLING
 (507) W ST. CHARLES AVE. 275 N Palmetto. One - story and basement frame dwelling.
 Owner and Builder—Rudolph Mohr & Sons, 4482 Mission Street.
 Architect—Not Given. \$3,000

DWELLING
 (508) W ST. CHARLES AVE. 375 N Palmetto. One - story and basement frame dwelling.

Owner and Builder—Rudolph Mohr & Sons, 4482 Mission Street.
 Architect—Not Given. \$3,000

DWELLING
 (509) W ST. CHARLES AVE. 300 N Palmetto. One - story and basement frame dwelling.
 Owner and Builder—Rudolph Mohr & Sons, 4482 Mission Street.
 Architect—Not Given. \$3,000

DWELLING
 (510) N BRENTWOOD AVE. 345 N Ridgewood. Two - story frame dwelling.
 Owner—A. E. Nelson, 4366 Army St.
 Contractor—Golden Gate Const. Co., 244 Kearny Street.
 Architect—G. A. Berger, 309 Valencia Street. \$3,500

FLATS
 (511) S CHESTNUT 75 W Broderick St. Two-story and basement frame flats.
 Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
 Architect—Not Given. \$8,000

FLATS
 (512) S CHESTNUT 100 W Broderick St. Two-story and basement frame flats.
 Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
 Architect—Not Given. \$8,000

FLATS
 (513) S CHESTNUT 50 W Broderick St. Two-story and basement frame flats.
 Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
 Architect—Not Given. \$8,000

DWELLING
 (514) W 32nd AVE. 175 S Rivera. One - story and basement frame dwelling.
 Owner and Builder—Standard Building Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING
 (515) W 32nd AVE. 200 S Rivera. One - story and basement frame dwelling.
 Owner and Builder—Standard Building Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING
 (516) E 34th AVE. 300 N Santiago. One - story and basement frame dwelling.
 Owner and Builder—Standard Building Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING
 (517) E 34th AVE. 275 N Santiago. One - story and basement frame dwelling.
 Owner and Builder—Standard Building Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING
 (518) E 34th AVE. 350 N Santiago. One - story and basement frame dwelling.
 Owner and Builder—Standard Building Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING
 (519) E 34th AVE. 325 N Santiago. One - story and basement frame dwelling.
 Owner and Builder—Standard Building Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

SERVICE STATION
(520) SE 11th AVE. and Geary Blvd.
One-story steel service station.
Owner and Builder—Standard Oil Co.,
225 Bush Street.
Architect—Not Given. \$6,000

ALTERATIONS
(521) 444 NATOMA ST. Alter shop
and office.
Owner—W. F. Cordes, c/o Contractor.
Contractor—A. L. Thulin, 63 Brady
St.
Architect—Not Given. \$1900

DWELLING
(522) W. 27TH AVE., 156 N CA-
BRILLO. One-story and base-
ment frame dwelling.
Owner—H. W. Halleen, 1226 30th Ave.
Architect—C. O. Clausen, 746 46th
Ave. \$4000

ALTERATIONS
(523) 1510 26TH AVE. Alter dwell-
ing.
Owner—E. R. Jones, Prem.
Contractor—All-Amer. Bldg. Co., Inc.,
3131 Washington St.
Architect—Not Given. \$2940

DWELLING
(524) E. POLSON, 75 S EUGENIA.
One-story and basement frame
dwelling.
Owner—Michael & Bomerer, 762 De
Haro St.
Architect—Not Given. \$3000

ALTERATIONS
(525) 402-404 CORTLAND AVE. Al-
ter store.
Owner—Frank Pereira, Prem.
Architect—Not Given. \$2000

ALTERATIONS
(526) 1017 MARKET ST. Alter
store.
Owner—Union Furniture Co., Prem.
Contractor—Royal Show Case Co.,
770 McAllister St.
Architect—Not Given. \$3900

ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
567	Alameda Sch.	Stolte	51828
568	Maki	Owner	3650
569	Johnson	Owner	4000
570	Johnson	Owner	4500
571	Hawley	Van Aalst	2400
572	Schwartz	Nicholson	6000
573	Healey	Ohlsen	3088
574	Hubbard	Owner	3750
575	Rasmussen	Bigelow	4250
576	Evans	Stead	4950
577	W. Crane	Owner	1550
578	Lander	Johnson	6500
579	McMullen	Anderson	2546
580	Phillips	Flagg	4000
581	Scherman	Spivock	4000
582	Hogue	Stead	1000
583	Becker	Owner	4500
584	Dashell	Owner	3300
585	Johnson	Owner	1000
586	Letts	Rose	1000
587	Brown	Owner	3350
588	Fashion	Dunn	5000
589	Parenti	Ghlsell	4500

SCHOOL BUILDING
(567) NW COR BAY ST. & SANTA
CLARA AVE., ALAMEDA. One-
story frame-stucco school bldg.
(entirely new building).

Owner—Alameda School District, by
Board of Education, P.O. Box B,
Alameda.
Contractor—F. C. Stolte Co., 1405 San
Antonio Ave., Alameda.
Architect—Kent & Hass, San Fran-
cisco. \$51,828

DWELLING
(568) 1344 WATKINS, BERKELEY.
One-story 5-room frame dwelling
and garage.

Owner & Builder—W. M. Maki, 2415
Sacramento.
Architect—Not Given. \$3650

DWELLING
(569) 6208 TRENOR ST., OAKLAND
One-story 5-room dwelling.
Owner & Builder—Hans Johnsen,
3328 Loma Vista Ave.
Also garage, \$200.
Architect—Not Given. \$4000

DWELLING
(570) 4151 MONTEREY BLVD.,
OAKLAND. One-story 6-room
dwelling.
Owner & Builder—O. W. Johnson,
3721 Young Ave.
Architect—Not Given. \$4500

DWELLING
(571) 1635 8TH ST., BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner—Stuart Hawley, 1515 Finan-
cial Center Bldg., Oakland.
Contractor—W. Van Aalst, 608 16th
St., Oakland.
Architect—Not Given. \$2400

STORE BUILDING
(572) 1829 EUCLID, BERKELEY.
One-story 2-room store building.
Owner—Henry Schwartz and George
Weiser, 818 Northvale Rd., Oak-
land.
Contractor—D. W. Nicholson, 357 12th
St., Oakland.
Architect—E. T. Foulkes, 357 12th St.,
Oakland. \$6000

DWELLING
(573) 3577 GRAY ST., OAKLAND.
One-story 5-room dwelling.
Owner—J. Healey, 1439 27th Ave.
Contractor—Gus Ohlsen, 23152 South
Garden Ave., Hayward.
Architect—Not Given. \$3080

DWELLING
(574) 62 SHERIDAN RD., OAK-
LAND. One-story 5-room dwell-
ing.
Owner & Builder—J. F. Hubbard,
5412 Proctor Ave.
Architect—Not Given. \$3750

(575) 5908 ALHAMBRA AVENUE,
OAKLAND. One-story 5-room
dwelling.
Owner—Conrad Rasmussen, 4217 Ter-
race St.
Contractor—J. E. Bigelow & Sons,
150 Ardmore Road, Berkeley.
Also 1-story garage, \$250.
Architect—Not Given. \$4250

DWELLING
(576) 2634 ETNA, BERKELEY. 1-
story 3-room frame dwelling and
garage.
Owner—M. Evans, 2632 Etna.
Contractor—F. A. Stead, 3206 Bolse.
Architect—Not Given. \$4050

SHOP
(577) 1226 6TH, BERKELEY. One-
story 1-room shop.
Owner & Builder—Western Crane
Service, Inc., 962 Stanford.
Architect—Not Given. \$1550

DWELLING
(578) 1116 LONGRIDGE RD., OAK-
LAND. Two-story 7-room dwell-
ing.
Owner—J. E. Zander, Oakland.
Contractor—Elmer Johnson, 6127
Foothill Blvd.
Architect—Not Given. \$6500

ADDITION
(579) 367-71 7TH ST., OAKLAND.
Brick addition.
Owner—R. J. McMullen, Richfield
Hl Bldg.
Contractor—C. W. E. Anderson, 1722
22nd Ave.
Architect—Not Given. \$2546

DWELLING
(580) 5721 WALNUT AVE., OAK-
LAND. One-story 5-room dwell-
ing.

Owner—B. C. Phillips, 2650 65th Ave.
Contractor—John S. Flagg, 3450 Mor-
com Ave.
Also 1-story garage, \$500.
Architect—Not Given. \$4000

DWELLING
(581) 1527 26TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Sol Scherman, 1538 26th Ave.
Contractor—Wm. Spivock, 544 Golden
Gate Ave., San Francisco.
Architect—Not Given. \$4000

ALTERATIONS
(582) 1111 HIGH COURT, BERKE-
LEY. Alterations.
Owner—E. Hogue, Prem.
Contractor—F. A. Stead, 3206 Bolse.
Architect—Not Given. \$1000

DWELLING
(583) 4142 FOOTHILL BLVD., OAK-
LAND. One-story 6-room dwell-
ing.
Owner & Builder—S. J. Becker, 2004
27th Ave.
Architect—Not Given. \$4500

DWELLING
(584) 2121 80TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—E. L. Dashiell,
3700 Foothill Blvd.
Architect—Not Given. \$3300

ALTERATIONS
(585) 2508 79TH AVE., OAKLAND.
Alterations.
Owner & Builder—Ben H. Johnson,
2019 E. 30th St.
Architect—Not Given. \$1000

REPAIRS
(586) 100 MONTE CRESTA AVE.,
OAKLAND. Fire repairs.
Owner—Harry J. Lettis, 100 Monte
Cresta Ave.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$1000

DWELLING
(587) 3532 HARBOR VIEW AVE.,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—L. R. Brown, P.O.
Box 456, Walnut Creek.
Also 1-story garage, \$500.
Architect—Not Given. \$3350

ALTERATIONS
(588) 1323 WASHINGTON STREET,
OAKLAND. Alterations.
Owner—Fashion Bootery, 1323 Wash-
ington St.
Contractor—Louis C. Dunn, 424 Mo-
nadnock Bldg., San Francisco.
Architect—N. H. Jones, Republic
Bldg., Seattle, Wash. \$5000

DWELLING
(589) 10524 VOLTAIRE AVE., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—E. Parenti, 2235 107th Ave.
Contractor—M. Ghiselli, 1312 Foun-
tain St., Alameda.
Architect—Not Given. \$4500

BUILDING CONTRACTS ALAMEDA COUNTY

INSTALL CONDUIT
HOLLYWOOD BLVD., OAKLAND.
Underground conduit installation.
Owner—Pas. Tel. & Tel., 1521 Frank-
lin, Oakland.
Contractor—G. M. Gest, Inc., 1216
24th St., Oakland.
Filed, Jan 21, '38. Dated, Jan. 13, '38
Progress payments.
Bond \$1887.50. Surety, Pac. Indem.
Co. Forfeit, \$20 per day. Limit, 60
days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 10.—Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves and Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & |

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
GARAGE Cost, \$10,000
STOCKTON, San Joaquin Co., Calif.
 5 E. Miner Ave.
 One-story brick garage building.
 Owner & Builder—C. M. Smallpage,
 1163 W. Rose St.
 Architect—Not Given. 6

Bids Opened
STAGE TERMINAL Cost, \$.....
PORTLAND, Ore. SW 6th and Taylor Streets.

Two-story Class C reinforced concrete fireproof stage terminal bldg. and one-story steel frame covered driveway.
 Owner—Union Stage Terminal Co.
 Architect—Knighton & Howell, U. S. Bank Bldg., Portland.

Low Bidder—George H. Buckler Co., Lewis Bldg., Portland—\$161,890.
 Second low general bid submitted by Oscar R. Wayman, at \$171,612.

Urban & Sinnott, 1215 SW 5th St., Portland, at \$35,939, submitted low bid for plumbing and heating; W. R. Grasse, Lumbermen's Bldg., at \$5740, low bidder for electric work.

Bids were opened Jan. 19 and forwarded to San Francisco for award. 6

To Be Done By Day's Work
SERVICE STATION Cost, \$6,500
SAN FRANCISCO. SE 11th Avenue and Geary Blvd.
 Steel gasoline service station.
 Owner & Builder—Standard Oil Co., 225 Bush St.
 Plans by Engrg. Dept. of Owner. 6

7—FEDERAL BUILDINGS

BIDS WANTED
CROW AGENCY, Montana.—Until February 23, 11 A. M., bids will be received by the Quartermaster, Ninth Corps Area, Presidio, San Francisco, under Bid No. 59-38-2, for the construction of a reinforced concrete pump house together with connections to existing water mains at Custer Battlefield National Cemetery, Crow Agency, Montana.
 Plans and specifications may be obtained from the above office upon deposit of \$5.00.

BIDS WANTED
CROW AGENCY, Montana.—Until February 23, 11 A. M., bids will be received by the Quartermaster, Ninth Corps Area, Presidio, San Francisco, under Bid No. 59-38-3, for furnishing and installation of pump, electric wiring and power line extension, at Custer Battlefield National Cemetery, Crow Agency, Montana.
 Plans and specifications may be obtained from the above office upon deposit of \$5.00.

BIDS OPENED
BONNEVILLE, Ore.—Carlton Tile Co., Inc., 2841 SE Belmont St., Portland, at \$3,840 submitted low bid and will be awarded contract by the War Department, U. S. Engineer Office, Bonneville, Ore., for removing existing tile and plaster and furnishing and installing tile wainscots in tub alcoves in twenty residences, and in shower compartments of the Auditorium and in three of the above mentioned residences.
 Other bids were:
 Oregon Art Tile Co. \$3,978

Frank W. Wagner Co. 4,126
 Roedel Tile Contr. Co. 4,242

CONTRACT AWARDED
SEATTLE, Wash.—C. C. Moore and Co., 450 Mission St., San Francisco, at \$42,425 awarded contract by the Navy Department for improvements to the Power Plant, Naval Air Station, Seattle, under Spec. 8559. (0320) 1st rep. January 6, 1938. * 7

BIDS WANTED
CROW AGENCY, Montana.—Until February 23, 11 A. M., bids will be received by the Quartermaster, Ninth Corps Area, Presidio, San Francisco, under Bid No. 59-38-5, for furnishing and installation of steam heating plant at Custer Battlefield National Cemetery, Crow Agency, Mont.
 Plans and specifications may be obtained from the above office upon deposit of \$5.00.

MATERIALS APPROVED
KETCHIKAN, Alaska.—Treasury Dept. approved the following equipment award for construction of the U. S. Post Office and Court House and Jail at Ketchikan; J. B. Warrack, contractor; Clock system. International Business Machines Corp., International Time Recording Div. 7

BIDS WANTED
CROW AGENCY, Montana.—Until February 23, 11 A. M., bids will be received by the Quartermaster, Ninth Corps Area, Presidio, San Francisco, under Bid No. 59-38-5, for the construction of a chimney and alterations to building at Custer Battlefield National Cemetery, Crow Agency Montana.
 Plans and specifications may be obtained from the above office upon deposit of \$5.00.

MATERIALS APPROVED
SITKA, Alaska.—Treasury Dept. approved following equipment award for construction of the U. S. Post Office and Court House at Sitka; J. B. Warrack, general contractor; Clock system, International Business Machines Corp., International Time Recording Div. 7

MATERIALS APPROVED
SUSANVILLE, Lassen Co., Calif.—Treasury Department has approved the following equipment award for construction of the U. S. P. O. at Susanville, George Goodhart, general contractor; floor receptacle, M. B. Austin Company. 7

MATERIALS APPROVED
SANTA MONICA, Los Angeles Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. P. O. at Santa Monica, James I. Barnes, general contractor; Thermostatic traps, and combination float and thermostatic traps, Milwaukee Valve Co.; vacuum pumps, Sterling Engr. Co. 7

MATERIALS APPROVED
SEATTLE, Wash.—Treasury Department has approved the following building material and equipment awards for the construction of the University Postal Station at Seattle, A. F. Mowat Const. Co., general contractor; Fan hanger receptacles, and receptacles, Arrow-Hart & Hegeman Elec. Co. in lieu of previous approval; clock outlet, Arrow-Hart & Hegeman Electric Co. 7

1—APARTMENTS

To Be Done By Day's Work
APARTMENTS Cost, \$.....
SAN FRANCISCO. SE Chabot Terr. and Turk St.

Three-story frame apartment building (18 apts.).

Owner & Builder—Oliver M. Rouseau, 321 Kearny St.

Architect—H. C. Baumann, 251 Kearny St.

Engineer—James M. Smith, 251 Kearny St., San Francisco.

CONTRACT AWARDED
SAN FRANCISCO—W. P. Fuller & Co., 301 Mission St., at \$72,60, was awarded contract by the Department of Public Works, Room 251, City Hall, for furnishing and installing 1/2-inch rough plate glass Herculite in floor of book stacks at Main Library, Larkin and McAllister Sts.

4—FACTORIES & WAREHOUSES

Planned
FACTORY Cost, \$1,000,000
SAN FRANCISCO. Off Third St., near Carroll Ave.

Factory to handle making and distribution of Coca-Cola.

Owner—Coca-Cola Co., Third Division, 963 E. 4th St., Los Angeles.

Architect—Not selected.

Construction is expected to be completed within the next few months.

Contract Awarded
ADDITION Cost, \$25,000
FRESNO, Fresno Co., Calif. Church and Fruit Streets.

Concrete addition to cold storage rm. (40x60-ft.) includ. redwood bark and cork insulation and addition to office space at sausage factory.

Owner—Machlin Meat Packing Plant.

Architect—Not Given.

Contractor—Paul Bourzac, 540 Ferger St., Fresno.

5—FLATS

To Be Done By Day's Work
FLATS Cost, \$8,500 each
SAN FRANCISCO. S. Chestnut St., 50, 75 and 100 ft. W. Broderick Street.

Three two-story and basement frame flat buildings.

Owner & Builder—Oliver M. Rouseau, 321 Kearny St.

Architect—Not Given. 5

MATERIALS APPROVED

NOME, Alaska.—Treasury Department approved the following building material and equipment award for construction of the U. S. Post Office at Nome; MacDonald Const. Co., contractors; Mechanical traps, Sterling Engrg. Co.; thermostatic traps, angle radiator valves and vacuum pumps, Sterling Engrg. Co. 7

PREPARING PLANS

TUCSON, Ariz. — Supervising Architect, Treasury Department, Washington, D. C., is preparing plans for a summer air conditioning system to be installed in the U. S. Post Office Bldg. in Tucson. Bids will be advertised upon completion of the plans. 7

MATERIALS APPROVED

MAYWOOD, Los Angeles Co., Cal.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Maywood; Campbell Constr. Co., general contractors; Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler, Uniflow Mfg. Co.; indirect water heater, Excelso Water Heater Co.; gas burning hot water heater, Amer. Radiator Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, H. A. Thrush Co.; automatic gas safety valve, Amer. Safety Products Corp.; nonconducting covering for plumbing, Johns-Manville Co.; sump pump, Yoemans Bros. Co.; wall radiators, Amer. Radiator Co.; tube radiators, Amer. Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, James P. Marsh Corp.; air valves for radiators, Amer. Radiator Co.; air valves for ends of steam mains, Amer. Radiator Co.; main switch, Bulldog Elec. Products Co.; panel boards, Mullenbach Elec. Mfg. Co.; r. c. wire, Crescent Insulated Wire & Cable Co.; flush switches and receptacles, Arrow-Hart & Hegeman Elec. Co.; glassware, Perfection Glass Co. and Phoenix Glass Co.; lighting fixtures, Perfecite Co. 7

MATERIALS APPROVED

NOME, Alaska.—Treasury Department has approved following building material and equipment awards for the construction of the U. S. P. O. at Nome. MacDonald Const. Co., general contractors; Plumbing fixtures, Standard Sanitary Mfg. Co.; brass water pipe, American Brass Co.; relief valve, Penberthy Injector Co.; nonconducting covering for plumbing, Johns-Manville Co.; motors for pumps, General Elec. Co.; water heating boiler and boilers, Fitzgibbons Boiler Co.; tube and wall radiators, American Radiator Corp.; non-conducting covering for heating, Johns-Manville Co.; grease trap, Josam Mfg. Co. 7

MATERIALS APPROVED

BURBANK, Los Angeles Co., Cal.—Treasury Department has approved the following building materials for the construction of the U. S. P. O. at Burbank. Sarver & Zoss, inc., general contractor; brass pipe, Chase Brass & Copper Company. 7

CONTRACTS AWARDED

SAN DIEGO, Cal.—Mangrum-Holbrook & Elkus, Golden Gate Ave. and Hyde St., San Francisco, at \$40,940, awarded contract by the 11th Naval District, San Diego, for galley equipment and Southern Equipment Co., St. Louis, Mo., at \$29,950, awarded contract for bakery equipment, for the Naval Operating Base (Air Sta-

tion), San Diego; Spec. 8585.

As previously reported, Kohlenberger Engrg. Corp., Fullerton, Cal., at \$7,677.35, awarded contract for cold storage plant.

Low Bidders**POST OFFICE**

PACIFIC GROVE, Monterey Co., Cal. United States Post Office. Owner—U. S. Government.

Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Low Bidder—K. E. Parker Co., 135 South Park, San Francisco—\$54,974.

Second and third low bids followed: L. F. Dow Co., L. A. \$56,000; Robert McCarthy, S. F. \$6,528

BIDS WANTED

PORTLAND, Ore.—Until Feb. 18, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for recirculating the present ceiling outlets on fourth and fifth floors, and installing new branch circuit panels and their respective feeders for same, for the installation of new feeders to the present branch circuit panels in the workroom at the U. S. P. O. at Portland, Oregon.

Specifications and drawings (if any) may be obtained from the above office. No deposit required.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Until March 9, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C. for power-operated capstans at Navy Yard, Mare Island; Spec. 8515. Est. Cost, \$50,000.

Plans and specifications may be obtained at the Bureau or from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

Bids Wanted—To Close March 1.

POST OFFICE Est. Cost, \$75,000 AUBURN, Placer Co., Calif.

New U. S. Post Office. Owner—United States Government. Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

Bids received Sept. 21, 1937, were rejected. At that time L. F. Dow, 1243 25th St., Santa Monica, submitted low bid at \$56,543.

BIDS WANTED

MANILA, P. I.—Until Mar. 15, 1 p.m. (postponed from Mar. 1), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for installing a complete elevator plant in the U. S. High Commissioner's Office and residence at Manila, P. I.

Drawings and specifications may be obtained from the above office. No deposit required. 7

Bids Wanted—To Close February 8,

11:00 A. M., H.S.T.

GARAGE, ETC. Est. Cost, \$10,000

HICKAM FIELD, T. H.

Construction of the Post Garage and

Parking Areas.

Owner—U. S. Government (Capt. H.

B. Nurse, Constructing Quarter-

Master).

Plans prepared by the Office of the

Quartermaster Gen., Constructing

Division, Washington, D. C.

Plans and specifications obtainable

from the Purchasing and Contract-

ing Office, Hickam Field, upon de-

posit of certified check for \$500.

payable to the Finance Officer, Fort Shafter, T. H.

A set of plans and copy of specifications may be seen at the Office of the Constructing Quartermaster, Fort Mason, San Francisco.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Until Feb. 2, 11 a.m., bids will be received at the Office of the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for asphalt tile floor covering for Building No. 71; Spec. 8668.

Plans and specifications may be obtained from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$5, payable to the Chief of the Bureau of Yards & Docks.

SUB-CONTRACTS AWARDED

LIVERMORE, Alameda Co., Calif.—Carl N. Swenson Co., 355 Stockton Ave., San Jose, awarded the following sub-contracts for construction of an addition to Infirmary Bldg. No. 2, at Livermore, for the Veterans Administration:

Plumbing and Heating—J. A. Fazio, 402 Castro St., Oakland.

Glass and Glazing—W. P. Fuller and Co., 259 10th St., Oakland.

Excavations—J. Henry Harris, 2425 Valley St., Berkeley.

Painting—Patterson Bros., 2059 Webster St., Oakland.

Steel Pans—Concrete Engr. Co., 1280 Indiana St., San Francisco.

Mill Work—Pacific Mfg. Co., Santa Clara.

CONTRACT AWARDED

SAN DIEGO, Calif.—Kohlenberger Engineering Corp., Fullerton, Calif., at \$7,677.35, awarded contract for a cold storage plant, Item 3, Spec. 8585, by the Eleventh Naval District, San Diego, for the Naval Operating Base (Air Station), San Diego.

BIDS OPENED

SANTA BARBARA, Calif.—Nick Hemminga, 627 34th Ave., San Francisco, at \$320, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for flagstone walk, etc., at the U. S. P. O. at Santa Barbara.

Only other bid submitted by Lewis Bros., Phoenix, Ariz., at \$997. 7

BIDS OPENED

TERMINAL ISLAND, Los Angeles Harbor, Cal.—Western Steel Erecting Co., 20 W 7th St., Los Angeles, submitted low bid to the 11th Naval District Jan 20 at \$2289 for erecting approximately 122 tons of structural steel for hangar at Reeves Field, Terminal Island, Los Angeles Harbor; Spec. 8644. The steel will be furnished by the government at the site of the work. Other bids were: Herlick Iron Works, \$2672; Robertson Co., \$2795; Minneapolis - Moline Power Implement Co. \$3240; Millard Geltz and Edw. Stebinger, \$3540; Bethlehem Steel Co., \$3550. Recommendation was made that contract be awarded to the low bidder. 7

BIDS OPENED

SAN DIEGO, Cal.—Western Steel Erecting Co., 210 W. 7th St., Los Angeles, at \$2,289, submitted low bid to the Public Works Officer, Eleventh Naval District, San Diego, for erection of steel for hangar at the 11th Naval District (Reeves Field), Terminal Island, Los Angeles Harbor; Spec. 8644.

Other bids were: Herlick Iron Works \$2,672; Robertson Co. 2,795

HOSPITALS

LOW BIDDER

PHOENIX, Ariz.—P. W. Womack, 600 E Jefferson St., Phoenix, submitted low bid to the Board of Directors of State Institutions at Phoenix January 25 at \$151,586, for the construction of a one-story masonry hospital building, occupational therapy building and addition to present women's ward building at Arizona State Hospital, 24th and Van Buren Sts., Phoenix, a PWA project. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix. Contract will probably be awarded to Mr. Womack this week. * 9

CONTRACT AWARDED

TUCSON, Ariz.—Chemical Equipment Corp. of California, 223 Center St., Los Angeles, awarded contract by the Pima County Supervisors for a water softener to be installed in the county hospital at Tucson. 9

Completing Plans

HOSPITAL ADDITION
Est. Cost, \$75,000

FRESNO, Calif.
Addition of kitchen at the Fresno County General Hospital.

Owner—County of Fresno.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

Plans are expected to be completed next week and bids asked.

Sub Contracts Awarded

REMODEL HOTEL Cost, \$35,866
VISALIA, Tulare Co., Cal. 204 East Main St.

Remodel hotel (installation of complete air conditioning system, 30 new tile baths, plumbing, remodel heating system, painting, and general repairs.

Owner—Hotel Johnson (J. Johnson), Visalia.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—Harris Constr. Co., 577 McKinley Ave., Fresno.

Plastering—W. F. Schmiedeberg, Fresno.

Plumbing—Rudy Koller, Visalia.
Wiring—John Oust, Visalia.
Painting—Eddy Paint Co., Porter-ville.

Tile—Winnor Tile Co., Fresno.

Contract Awarded

ALTERATIONS Cost, \$8,500
SAN MATEO, Calif. Mills Hospital.
Alterations to hospital.

Owner—Mills Hospital.
Architect—Not Given.
Contractor—Leadley & Leadley, 207 2nd Ave., San Mateo. 9

Bids Rejected

HOSPITAL BLDG. Est. Cost, \$250,000
EAST BAKERSFIELD, Kern County, Calif. Kern General Hospital.

Four-story steel frame hospital wing to provide for 150 patients (concrete walls and floors, brick veneer exterior, tile roof, elevator, asphalt file floor surfacing, tiled bathrooms, steam heat from central plant).

Owner—County of Kern.
Architect—Chas. H. Elggar, 554 Harberfeld Bldg., Bakersfield.

Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.

All bids received Jan. 24 were rejected and project will be readvertised in three weeks.

Three low general bids only follow:
Opperman & Co., 1327 Orange
Dr., Bakersfield\$229,900
Trewitt-Shields & Fisher,

Fresno 238,500
L. H. Hansen & Son, Fresno. 240,000
Henry Eissler, Bakersfield 240,000

H. Mayson, 9315 Hooper Ave., Los Angeles, at \$392,453, submitted low

chitectural Commission, 585 Bush St., San Francisco.

BOND ELECTION

PALO ALTO, Santa Clara Co., Cal.—The City of Palo Alto (Winifred Kidd, City Clerk) will vote February 15 on a proposal to issue bonds in the amount of \$175,000 to finance construction of a four-story, 80-bed addition to the Palo Alto hospital. *

Bids Wanted—To Close February 7, 2:00 P. M.

HOSPITAL Cost, \$50,000
MERCED, Merced Co., Calif. Merced General Hospital, 13th and D Sts. One-story Class B women's and children's ward unit.

Owner—County of Merced.
Architect—Johnson & Wethered, A. O. Johnson, architect, Sir Francis Drake Hotel, San Francisco.

As previously reported: separate bids will be received as follows: (a) general work; (b) linoleum; (c) lathing and plastering; (d) plumbing; (e) heating and (f) electric work.

Plans and specifications obtainable from the office of W. E. Bedesen, County Surveyor, Merced, upon deposit of \$5, returnable.

A set of plans and specifications are on file for examination at the architect's office. *

12— POWER PLANTS

Preparing Working Drawings
REMODEL RESIDENCE Cost \$3000
HILLSBOROUGH, San Mateo County
Remodel residence.

Owner—Withheld.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.

BIDS REJECTED

ALTURAS, Modoc Co., Calif.—The Surprise Valley Electrification Corp. of Alturas, rejected all bids received January 4 for the construction of a brick and concrete power plant bldg. together with the necessary foundations to support the machinery and equipment, and the Administrator of the Rural Electrification Administration has authorized the Corporation to proceed with work on Force Account basis.

At previous bid opening, W. C. Tait, 883 Market St., San Francisco, submitted low bid of \$24,426.

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

BIDS WANTED

SAN FRANCISCO.—Until Feb. 9, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 165, for furnishing and installing a sidewalk elevator of the plunger electric type, in the General Office Bldg. of the San Francisco Water Department, 425 Mason St., including all plumbing, electrical work, screen enclosures, waterproof sidewalk door, safety gate, furring, cutting and patching up, painting work and all work incidental thereto.

Plans and specifications may be obtained at the Cashier's Office, 6th floor, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of \$5.00.

Bids In—held Under Advise ment

PLUMBING WORK Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

All plumbing work to be done in the Service Portion of the East Hangar.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Ar-

CONTRACT AWARDED

MADERA, Cal.—Grant Canady, 1020 W. 6th St., Madera, at \$488, submitted low bid and was awarded contract by the City of Madera, Geo. M. Shedd, City Clerk, for painting, varnishing and plaster repair of the City Hall Bldg., at 209 North D St., Madera.

Complete bids follow:
Grant Canady, Madera.....\$488.00
N. E. Chambers, Madera..... 532.00
Howard James, Madera..... 540.00
C. L. Donahue, Fairmead..... 557.65
Geo. Alexander, Madera..... 565.00
W. F. Cunningham, Fairmead. 568.93
W. F. Wolff, Madera..... 595.00
J. E. Kimrey, Madera..... 698.00
* 13

CONTRACT AWARDED

VALLEJO, Solano Co. Cal.—Barnewitz Paint Co., 502 Carolina Street, Vallejo, at \$400, submitted low bid and was awarded contract by the Board of Supervisors of Solano Co., G. G. Halliday, Clerk, for painting eight rooms in the City Hall at Vallejo.

Complete bids follow:
Barnewitz Paint Co., Vallejo.....\$400
Vero & Castro, Vallejo..... 481
A. A. Zelinsky & Son, Inc..... 547
C. B. Lawshe, Vallejo..... 557
(8953) 1st report Jan. 11, 1938. * 13

Contract Awarded

ELEPHANT GROUP CON. Pr., \$22,347
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction of Elephant Group at Main Entrance Towers; Contract No. 139.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. *

Contract Awarded

PIPING, ETC. Cont. Pr., \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Piping, rough plumbing and ventilating equipment in the Palace Group; Contract No. 103.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—James H. Pinkerton Co., 927 Howard St., San Francisco.

New Bids Wanted—To Close February 14, 9:00 A. M.

CITY HALL

LAWDALE, San Mateo Co., Calif.
NW Corner El Camino Real and Jewell Ave.

New one-story and basement frame City Hall Building to contain courtroom, city clerk's office, health department, police department, post office, jail and garage; tile roof, stucco finish, wood sash gas-steam radiators.

Owner—City of Lawdale.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.

Bids received Jan. 10 were rejected and revised plans and specifications may be obtained at the architect's office on deposit of certified or cashier's check in the amount of \$20.

Bids will be opened at the temporary city hall at Lawdale, and must be accompanied by certified check or bid bond in the amount of 5% of bid.

At previous bid opening, Joel Johnson & Son, 1614 Church St., San Francisco, at \$21,335.

BIDS OPENED

LOS ANGELES, Cal.—R. G. Meyler 408 S Spring St., Los Angeles, submitted the low bid to Los Angeles County Supervisors at (A) all work complete, at \$33,300, and (B), omitting new boiler No. N-3 \$22,700, for furnishing and installing three new 250-h.p. boilers at the boiler house, Oliver View Sanitarium. Other bids were:

Walter S. Leland Co. (A) \$35,930; (B) \$24,380.
C. C. Moore & Co. (A) \$37,962; (B) \$25,403. * 13

**Completing Preliminary Plans
DETENTION HOME**

Est. Cost, \$25,000 to \$30,000
MODESTO, Stanislaus Co., Calif.
One-story all reinforced concrete detention home (approx. 30x125-ft.)
Owner—County of Stanislaus.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Bids Opened**CITY POUND**

SACRAMENTO, Cal. One-story corrugated iron city dog pound (99 x 46 ft.), concrete floors, composition roof.

Owner—Ben All Mystic Fund Committee.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Low Bidder—Lawrence Constr. Co., 2574 18th St., Sacramento—\$12,690.

Bids were received with the following alternates: (a) ded. for omitting cat cages; (b) add for painting roof with aluminum.

Complete bids follow:

Lawrence Constr. Co.—\$12,690; (a) \$98; (b) \$60.
Peterson Constr. Co.—\$13,195; (a) \$180, (b) \$60.
Azevedo Constr. Co.—\$13,446; (a) \$141, (b) \$60.
W. C. Keating—\$13,650; (a) \$150, (b) \$100.
Henry Finnigan—\$13,825; (a) \$169, (b) \$56.
Charles Under—\$13,980; (a) \$160, (b) \$50.
L. F. Gould—\$14,000; (a) \$136, (b) \$53.
H. W. Robertson—\$14,143; (a) \$130, (b) \$53.
Holdener Constr. Co.—\$14,225; (a) \$190, (b) \$65.
L. L. Watson—\$14,548; (a) \$126, (b) \$50.
F. V. Burgeson—\$14,650; (a) \$160, (b) \$20.
Montaldo & Suennen—\$15,124; (a) \$138, (b) \$63.
(8915) 1st report Jan. 4; 3rd, Jan. 13, 1938. * 13

BIDS WANTED

FRESNO, Fresno Co., Calif.—Until February 4, 10 A. M., bids will be received by the County of Fresno (E. Dusenberry, Clerk), for painting portions of the Fresno County Courthouse.

Copies of specifications obtainable from the clerk's office. Bids will be opened in the chambers of the Board of Supervisors and must be accompanied by certified or cashier's check in the amount of 10% of bid, payable to the Chairman of the Board of Supervisors. * 13

BIDS OPENED

SAN FRANCISCO.—Anchor Post Fence Co., 460 Fifth Street, at \$98 submitted low bid to the Department of Public Works, Room 251, City Hall for constructing wire mesh enclosure for elevator in basement at Juvenile Detention Home, 150 5th Street.

Complete bids follow:
Anchor Post Fence Co. \$ 98.00
Eureka Iron & Wire Works 100.00
Patterson & Koster 120.79
West Coast Wire & Iron Works 128.00

Michel & Pfeffer 130.00
(0349) 1st rep. Jan. 24, 1938. * 13

CONTRACT AWARDED

SACRAMENTO, Calif.—Hately and Hately, 1714 10th St., Sacramento, at \$11,366 was awarded contract by Geo. B. McDougall, State Architect, Public Works Building, Sacramento, for the plumbing work for the grandstand and administration building at Agricultural Park, Sacramento.
Luppen & Hawley Inc., 312 E. J. St., Sacramento, at \$1950.00 (grandstand only) was awarded contract by refused same on account of error in their bid.

Bids Wanted—To Close February 23, 2:00 P. M.

**MAINTENANCE & EQUIPMENT
BUILDINGS**

SAN DIEGO, Cal. Division of Highways, District 11

Erection and completion of five highway maintenance and equipment buildings consisting of a maintenance office bldg., maintenance and equipment shelter, equipment shop, and two gasoline stations; maintenance office bldg. is wood frame structure with exterior cement plaster, interior plaster and clay tile roof; maintenance and equipment shelter is a wood frame structure with exterior cement plaster and composition roof; equipment shop is a combination wood and steel frame structure with exterior cement plaster, cement floors and composition roof, with one end housing the office rooms to have a clay tile roof; the gasoline stations are one-room reinf. concrete buildings with exterior cement plaster and composition roof.

Owner—State of California, Division of Highways, District 11.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received as follows: (1) General work; (2) Mechanical Work, and (3) Electrical work.

Plans and specifications may be obtained from the State Architect's office upon deposit of \$25, returnable.

Bids must be accompanied by cash, cashier's or certified check payable to the Director of Public Works, in the amount of 10% of bid.

BIDS WANTED

SACRAMENTO, Cal.—Until Feb. 4, 8:15 p.m., bids will be received by the Sacramento City Council, E. G. Denton, City Clerk, City Hall, for the erection of a training tower for the Sacramento Fire Department.

Plans and specifications may be obtained from the above office. * 13

14—RESIDENCES**Preparing Preliminary Plans
RESIDENCE**

ATHERTON, San Mateo Co., Calif.
One-story frame and adobe residence (6 rooms), shake roof, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
Architect—Mario Corbett, 72 Third Ave., San Mateo.

**Contract Awarded
RESIDENCE**

OAKLAND, Alameda Co., Calif. 1116 Longridge Road.

Two-story frame and stucco residence (7 rooms).

Owner—J. E. Lander.
Architect—Not Given.
Contractor—Elmer Johnson 6127 Footline Bldg., Oakland. 14

Contract Awarded

RESIDENCE Cont. Price, \$8,749
EAST SACRAMENTO, Calif.
One-story frame and stucco residence (six rooms) shake roof, tile floor in bath.
Owner—Withheld.
Architect—Herbert Goodpastor, Milltau Bldg., Sacramento.
Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.

Completing Plans

RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Claremont Pines.

One-story frame and stucco residence (5 rooms), part tile and composition roof.

Owner—Arthur D. Kent, c/o State Farm Mutual Auto Ins. Co., 2054 University Ave., Berkeley.
Architect—Not Given.

Upon completion of plans in about one week, owner will take segregated bids.

Work Started

RESIDENCE Cost, \$8,500
FRESNO, Calif. N. Van Ness Blvd. One and one-half story frame stucco and brick residence; Permalite shingle roof insulation.

Owner—O. T. Balmat, 1641 Olive Ave.
Architect—H. Rafael Lake, Mattel Bldg., Fresno.

Contractor—Walker & Walker, 437 Cornell Ave., Fresno.

To Be Done By Day's Work

RESIDENCES Cost, \$4,000 each
SAN FRANCISCO, W. 32nd Ave., S. Rivera and E. 34th, N. Santiago.

Six one-story and basement frame residences.
Owner & Builder—Standard Bldg. Co., 1500 Judah St.

Architect—Not Given. 14

To Be Done By Day's Work

RESIDENCES Cost, \$3,500 each
SAN FRANCISCO, West Charles Ave., N. Palmetto St.

Five one-story and basement frame residences.
Owner & Builder—Rodolph Mohr & Sons, 4432 Mission St.

Architect—Not Given. 14

**Preparing Preliminary Plans
RESIDENCE**

Cost, \$.....
SAN CARLOS, San Mateo Co., Calif.
One-story frame residence (6 rooms), shake roof, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
Architect—Mario Corbett, 72 Third Ave., San Mateo.

**Bids In—Held Under Advertisment
RESIDENCE**

Cost, \$.....
OAKLAND, Alameda Co., Cal. Montclair Acres.

Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.

Owner—H. C. Donnick, c/o Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
Announcement shortly.

**Completing Working Drawings
RESIDENCE**

Cost, \$7500
SALINAS, Monterey Co., Calif.
One-story frame and stucco residence (6 rooms) hardwood floors tile baths, wood sash, etc.

Owner & Builder—P. Dolan.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

**Contract Awarded
RESIDENCE**

Cont. Pr., \$13,971
SAN FRANCISCO, Clarendon Ave
Two-story frame and stucco residence (7 rooms), tile roof, hardwood floors.

Owner—J. F. O'Connor, c/o Architect—Architect—H. G. Stoner, 251 Kearny

Contractor—C. Lindberg, 1 Naylor St.
Other bids were:

Frank Bohn, San Rafael.....\$13,808.50
Miller Const. Co., S. F..... 13,995.00

Bids Opened
RESIDENCE
MONTEREY, Monterey Co., Calif.
One-story frame residence (3 bedrooms, 3 baths).

Owner—Mr. Lee, c/o Architect.
Architect—C. J. Ryland, Carmel and Monterey.

Low Bidder—Miles Bain, Casanova and Tenth Sts., Monterey—\$11,508

Bids were received as follows: (a) General Work; (b) Heating; and (c) Plumbing and Sheet Metal.

Complete bids follow:

Miles Bain, Monterey—(a) \$9,632; (b) \$796; (c) \$1,080.

F. C. Stolte Co., San Simeon—(a) \$10,170; (b) \$850; (c) \$1,150.

M. J. Murphy, Inc., Carmel—(a) \$10,200; (b) \$840; (c) \$1,150.

W. P. Sweeney, Pacific Grove—(a) \$10,300; (b) \$840; (c) \$1,137.

Harold C. Geyer, Monterey—(a) \$10,582; (b) \$840; (c) \$1,137.

A. C. Stoney, Carmel—\$10,694; (b) \$834; (c) \$1,239.

J. Clark, Monterey—(a) \$10,873; (b) \$895; (c) \$1,085.

Bids In—Under Advisement

RESIDENCE Cost, \$.....
PIEDMONT, Alameda Co., Cal. Sotello Ave.

Two-story and basement wood and stucco residence (10 rooms), shingle roof, hardwood floors, tile baths, wood sash, etc.

Owner—Allan H. Johnston, c/o Architect.

Architect—J. B. Anthony, 3252 Lakeshore Ave., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, \$10,000
SAN JOSE, Santa Clara Co., Cal. 980 Morse Street.

Two-story frame residence.
Owner and Builder—J. Fenton McKenna, 1092 W. San Fernando St., San Jose.

Architect—Not Given. 14

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO. Washington St. and Columbus Ave. Columbo Bldg.

Alterations to tavern.
Owner—A. Crosettl.

Architect—A. R. Williams, 251 Post St.

Contractor—Ira Coburn, 2048 Market St., San Francisco.

Bids In—Under Advisement
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Cal. Miller Ave.

Two-story and basement wood and stucco residence (seven rooms), shingle roof, hardwood floors, tile baths, wood sash, etc.

Owner—A. P. Blanchard, c/o Architect.

Architect—J. B. Anthony, 3252 Lakeshore Ave., Oakland.

Contract Awarded
ALTER RESIDENCE Cost, \$25,000
WOODSIDE, San Mateo Co., Calif. Alpine Road.

Alterations to residence.
Owner—John Francis Neylan, Woodside.

Architect—W. W. Wurster, 260 California St., San Francisco.

Contractor—Chas. Stockholm & Son, 425 Russ Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, \$8,000
SAN JOSE, Santa Clara Co., Cal. 140 Ayer Street.

One-story frame residence (6 rooms).

Owner—M. Salvi, Security Warehouse San Jose.

Architect—Not Given.
Contractor—Jos. Santi, 1013 N. 12th St., Salinas. 14

To Be Done By Day's Work
RESIDENCE Cost, \$9,000
SAN FRANCISCO. W. 26th Ave., 200 ft N Camino Del Mar.

Two-story frame and stucco residence.

Owner & Builder—H. S. Meinberger, 956 Folsom St.
Architect—Not Given. 14

Preparing Working Drawings
RESIDENCE Est. Cost, \$8,000
ATHERTON, San Mateo Co., Calif. Austin Avenue.

One-story frame and stucco residence (7 rooms; 2 baths) hardwood floors, tile baths, wood sash

Owner—Withheld.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.

Contract Awarded
RESIDENCE Cost, \$9,000
SAN FRANCISCO. E. Darien Way, 225 ft. N. Kenwood Way.

Two-story and basement frame and stucco residence.

Owner—Dr. J. V. Parisi, 471 Lisbon St.
Architect—Not Given.

Contractor—A. E. Augenstein, Jr., 216 Grand View Ave. 14

Contract Awarded
RESIDENCE Cost, \$7,500
OAKLAND, Alameda Co., 1834 Caserline Road.

Two-story frame and stucco residence (7 rooms).

Owner—R. B. Bernard, 725 Warfield Ave.

Plans by R. A. Hutchison, 3433 Andover St.

Contractor—J. F. Frey, 4718 Congress Ave. 14

Completing Working Drawings
RESIDENCE Cost, \$9,500
SAN JOSE, Santa Clara Co., Calif.

One-story frame and wood siding and brick veneer residence (7 rooms), shake roof, hardwood floors, tile baths, hot air heating system.

Owner—G. C. Glans, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Bids will be asked for shortly.

Contract Awarded
RESIDENCE Cost, \$6,000
SAN FRANCISCO. N. Thomas, 100 ft. E. of Ingalls St.

Two-story and basement frame residence.

Owner—D. La Ferla, 1310 Shafter St. Plans by W. E. Huson, 475 24th Ave.

Contractor—Edw. Cornblum, 2200 47th Ave. 14

Contract Awarded
RESIDENCE Cost, \$6,000
SAN JOSE, Santa Clara Co., Calif. North 19th St.

One-story frame residence (5 rooms).

Owner—J. Dallas, 191 W. Reed St.
Architect—Not Given.

Contractor—V. J. Sunzeri, 176 N. 31st Street. 14

Bids Opened
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Calif. Warehouse Road.

One-story frame and stucco residence.

Owner—Mr. Heathy, c/o Architect.
Architect—Irwin M. Johnson, 2219 7th Avenue, Oakland.

Low Bidder—J. M. Olsen, 1152 Versailles Ave., Alameda, \$6,860.

Other bids were:
Chas. Johnson, Hayward.....\$7,600
T. H. Lapham, Oakland..... 7,881

C. E. Atkinson, Oakland..... 7,980
Bids held under advisement.

Bids In—Held Under Advisement.
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Montclair Acres.

Two-story frame and stucco residence (hardwood floors, tile baths wood sash, etc.)

Owner—C. H. Miller, c/o Architect.
Architect—Miller and Warnecke, 1700 Financial Center Bldg., Oakland.

Announcement shortly. 14

To Be Done By Day's Work
RESIDENCE Cost, \$6,500
SAN JOSE, Santa Clara Co., Calif. Fremont St.

One-story frame residence (6 rooms).

Owner & Builder—Ormal Dodd, 1135 Lincoln Ave.
Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$6,000
SAN JOSE, Santa Clara Co., Calif. McDaniel Ave.

One-story frame residence (6 rooms).

Owner—James Dent, 1022 Hedding St.
Architect—Not Given.

Contractor—Passetta Constr. Co., 2390 Park Ave., Santa Clara. 14

To Be Done By Day's Work
RESIDENCE Cost, \$5,000
SAN FRANCISCO. W 27th Avenue 156 N Cabrillo Street.

One-story and basement frame and stucco residence.

Owner and Builder—H. W. Halleen, 1226 30th Avenue.

Architect—C. O. Clausen, 746 46th Avenue. 14

Preparing Preliminary Plans
RESIDENCE Cost, \$7,000
BERKELEY, Alameda County, Calif. Berkeley View Terrace, Belmar Avenue.

Two-story frame and stucco residence (6 rooms), double garage, central heating plant, shake roof, hardwood floors, tile baths, etc.

Owner—Mrs. Elizabeth Ball.
Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.

15—SCHOOLS

BIDS WANTED
WHITTIER, Los Angeles Co., Cal.—Until Feb. 8, 5 p.m. (bids to be opened at 7 p.m. on that day), bids will be received by the Whittier City School District for the construction of a new frame and stucco school building to contain six classrooms on the Lincoln site in Whittier. Plans and specifications are on file with Architect R. L. Warren, 123 Emporium Bldg., Whittier. Certified or cashier's check or bond for 5% required. Estimated cost, \$50,000. • 15

LOW BIDDERS
LOS ANGELES, Cal.—J. & B. Const. Co., 5572½ Valley Blvd., submitted low general bid to Los Angeles Board of Education at \$30,021 for the construction of a one-story reinforced concrete auditorium and classroom building at the Aragon Avenue school 1118 Aragon Ave. Hoelzel-Ehmlig Co. 4918 5th Ave., submitted low bid for painting at \$672. Plans were prepared by the architectural section of the board, A. S. Nikecker, Jr., architect. • 15

BIDS OPENED
SAN FRANCISCO. — Cinnamond Floor Co., 666 Mission St., at \$72.00, submitted low bid to the Department of Public Works, Room 251, City Hall, for sanding 12,000 sq. ft. of hallway floors so linoleum can be cemented down at Fairmount School, Cheney Street, between Randall and Thirtieth

Streets.

Complete bids follow:	
Cinnamond Floor Co.	772
Inland Floor Co.	105
West Coast Linoleum & Carpet	
Stores	115
Floor Service Co.	175
Acme Floor Co.	182
Aetna Hardwood Floor Co.	230

BIDS OPENED

BERKELEY, Alameda Co., Calif.—The Regents of the University of California at Berkeley opened bids January 26 for (1) completion of library stacking and flooring, biology laboratory, the Life Sciences Bldg.; (2) completion of library stacks and flooring, first, second and third tiers, southwest block of stacks, main stack room, University Library, and (3) combined bid for 1 and 2.

Complete bids follow:

W. R. Ames Co., 150 Hooper St., San Francisco: (2) \$14,625; 90 days.
M. G. West Co., 117 Front St., San Francisco: (1) \$28,385, 135 days; (2) \$26,585, 114 days; (3) \$54,620, 135 days.
General Fireproofing Co., 534 4th St., San Francisco: (1) \$29,698.92, 150 days; (2) \$31,883.29, 150 days.
Rucker-Fuller, 539 Market St., San Francisco: (1) \$30,300, 180 days; (2) \$28,990, 180 days.
J. L. Davidson Co., Ltd., Los Angeles: (1) \$32,450, 180 days; (2) \$23,000, 150 days; (3) \$55,000, 180 days.

Bids Wanted—To Close Feb. 3

SCHOOL Cost, \$127,000
TULARE, Tulare Co., Cal. Cherry Avenue School.
One-story reinforced concrete grammar school building to contain nine classrooms and cafeteria. Owner—Tulare Grammar School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Separate bids will be received for (a) general construction, (b) plumbing and heating, and (c) electric work.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Following have taken out plans:
F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

W. W. Petley, 624 S. La Brea Ave., Los Angeles.

Frank Hudson, P. O. Box 254, Fresno.

B. A. Newman Co., 320 N. H. St., Fresno.

R. E. Rounsaville, 232 E. Tulare St., Tulare.

Edwin Magnuson, P.O. Box 155, Kingsburg.

Visalia Plumbing Co., 112 South Bridge, Visalia.

American Electric Co., 462 Bryant St., San Francisco.

Electric Constr. Co., P.O. Box 638, Fresno.

Robinson Electric, 136 N. Van Ness, Fresno.

Tulare Electric Co., 223 E. Kern, Tulare.

Finlayson Electric Co., 145 N. K St., Tulare.

Rider Electric Co., 509 W. Olive, Porterville.

BIDS WANTED

PASADENA, Cal.—Until Feb. 8, 11 a.m., bids will be received by the Pasadena Board of Education for the construction of an addition to the physical education building at the Wilson Junior High School, Blanche and Madre Streets, Pasadena. Frederick Kennedy, Jr., architect, 1041 E. Green Street, Pasadena. Plans are available at 350 E. Walnut St., Pasadena, upon deposit of \$25. Serge I. Kolesoff and Richard Ware, structural engineers; O. W. Ott, mechanical engineer. 15

BIDS WANTED

MERCED CO., Cal.—Until Feb. 4, 2 p.m., bids will be received by the Gustine Union High School District Board of Trustees. Hans N. Anderson, Clerk, Gustine, for the construction of certain concrete curbs, gutters, sidewalks and pipe lines on the high school site at Gustine, Cal.

Plans and specifications may be obtained from the High School Principal at Gustine or from W. E. Bedens, Civil Engineer, Merced, upon deposit of \$2.50. 15

BIDS WANTED

SAN FRANCISCO—Until Feb. 9, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for construction of a lunch room at Sherman School, Union St., between Franklin and Gough Sts. Estimated cost, \$3,500.

Specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

BIDS WANTED

SAN FRANCISCO—Until Feb. 9, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for (a) general construction; (b) mechanical equipment and plumbing work, and (c) electrical work for the Boys' Gym Building, Lowell High School, SW Masonic and Grove Streets.

Plans and specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5 for general construction work (est. cost, \$105,000); \$15 for mechanical equipment and plumbing work (est. cost, \$16,000); and \$15 for electrical work (est. cost, \$4,500).

Contract Awarded

SCHOOL Cont. Pr., \$117,900
BAKERSFIELD, Kern County, Calif. Baker and Niles Streets (Washington School).

Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish. Owner—Bakersfield School District. Architect—Symmes & Willard; Stanton Willard, architect, 215 Habersfelds Bldg., Bakersfield.

Structural Engineer—Don Shugart, Los Angeles.

Mechanical Engineer—Del Reynolds, Los Angeles.

Contractor—Opperman & Co., Box 141, Station A, Bakersfield.

Complete bids will be published shortly.

Bids Wanted—To Close February 15, 3 P. M.

SCHOOL Cost, \$16,000
MADERA CO., Calif.

One-story frame and stucco school building; wood shingle roof.

Owner—Ashview Grammar School District.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Bond Election Planned

ADDITIONS Cost, \$250,000
SALINAS, Monterey Co., Calif.

Addition of classrooms and gymnasium dressing rooms to the Junior College and addition of cafeteria and horticultural classroom to the agricultural building at the high school.

Owner—Salinas Un. High School Dist. Architect—Chas. E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

The Salinas Union High School District is planning to vote bonds in the

near future in the amount of \$250,000 to finance construction of junior college and high school additions.

LOW BIDDERS

ONTARIO, San Bernardino Co., Cal.—Thermon Means and Allison Honer, 103 E 3rd St., Santa Ana, submitted low general contract bid to Chaffey Union High School District January 18, at \$304,617 for construction of an auditorium at Chaffey high school, Ontario, a FWA project. Other low bids were: Klass Bros., 2709 Ederhurst, Los Angeles, painting and decorating at \$7460; Ideal Seating Co., 2202 S Vermont Ave., Los Angeles, seating at \$15,340; R. L. Grosh and Sons Scenic Studios, 4114 Sunset Los Angeles, stage equipment at \$5,973; Jos. Korb, 5734 York Blvd., Los Angeles, projection room and sound equipment at \$8717; Chappel Mfg. Co., 123 W 18th St., Los Angeles, special lighting fixtures at \$3843; Los Angeles Pipe Organ Co., 3015 Casitas Ave., Los Angeles, organ, at \$2150; H. S. McClelland, 1930 Compton Ave., Los Angeles, heating and ventilating at \$23,610; Howe & Bros., 1198 S. San Pedro St., Los Angeles, plumbing at \$14,083; Jos. Korb, electric wiring at \$29,797.

Complete general contract bids follow:

T. Means and A. Honer	\$304,617
H. Mayson	308,960
J. K. Thomas	311,455
Wm. P. Neil Co.	312,000
The J. Eyster Corp.	312,616
Person & Hollingsworth	317,980
E. F. Wopschall	326,931
John Strona	329,570
W. T. Loesch	337,000
H. A. Nichols	343,997
W. W. Petley	347,904
Carlo Bongiovanni	348,880

Complete bids and alternate proposals on file at the Daily Pacific Builder, 465 10th St., San Francisco, 15

Contract Awarded
SCHOOL Cont. Pr., \$85,600
CASTLE ROCK, Washington.

Two-story school building (approximately 148x83-feet) with 1-story wing (approx. 60x100-ft.), remodel and repair existing school buildings.

Owner—Castle Consolidated School District No. 132, Cowlitz County (Mollie Jackson, Clerk).

Architect—D. J. Stewart, 707½ Marl St., Vancouver, Wash.

Contractor—A. S. Hansen Co., 2200 25th St., Seattle. 15

Bids Wanted—To Close Feb. 7, 7 P. M.

FINISH HIGH SCHOOL Cost, \$.....
BAKERSFIELD, Kern Co., Cal. Eas Bakersfield High School.

Work required to finish high school now in course of construction, as follows: (1) millwork; (2) plumbing; (3) electric wiring; (4) plastering and metal lathing; (5) painting; (6) all other work necessary to complete.

Owner—Kern County Un. High School District.

Architect—Chas. H. Biggar, 554 Habersfeld Bldg., Bakersfield.

Contractor—L. H. Hansen & Son, F. O. Box 519, Fresno.

Specifications obtainable from the architect's office.

Bids Wanted—To Close Feb. 3.

SCHOOL Cost, \$127,000
TULARE, Tulare Co., Calif. Cherry Avenue School.

One-story school building to contain 9 classrooms and cafeteria.

Owner—Tulare School District. Architect—W. D. Coates, Rowell Bldg., Fresno.

Plans and specifications obtainable from the architect's office upon de

posit of \$25.00.

Following contractors have taken out plans:
Harris Const. Co., 577 McKinley, Fresno.

R. Pedersen, 446 Clark St., Fresno.
Trehwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

BIDS WANTED

TUSCON, Ariz.—Until Feb. 3, 10 A. M., new bids will be received by the University of Arizona, Tucson, for steel trussed roof over water storage tank. Plans and specifications may be obtained from the Comptroller, University of Arizona, 105 Administration Bldg., Tucson, upon deposit of \$10; returnable. 15

CONTRACT AWARDED

GLENDALE, Los Angeles Co., Cal.—Geo. Mitty, 122 Ave. 20, Los Angeles, was awarded contract Jan. 18 at \$59,529 by the Glendale Board of Education for reconstructing the library section of the Hoover high school, Glendale. Albert E. Hansen, architect, 832 S Glendale Ave., Glendale. 15

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 8, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro Street, for construction of a new reinforced brick classroom and auditorium building at the 4th St. school, 429 S. Hillview Ave. Separate bids will be taken as follows: (1) general; (2) plumbing; (3) heating; (4) painting; (5) electric wiring. Est. cost, \$63,500. Earl T. Heitschmidt 808 Subway Terminal Bldg., architect. Paul Jeffers, structural engineer. R. E. Phillips, mechanical engineer. 15

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 4, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro Street, for construction of a new reinforced concrete classroom building (60x222-ft.) at the Carpenter Avenue school, 3909 Carpenter Ave., North Hollywood. Separate bids will be taken as follows: (1) general; (2) plumbing; (3) heating; (4) painting; (5) electric wiring. Est. cost, \$64,400. Walter E. Erkes, architect, 1214 Rives-Strong Bldg.; C. J. Derrick, 816 W 5th St., structural engineer; Robt. Storms, 816 W 5th St., mechanical engineer. 15

CONTRACTS AWARDED

LOS ANGELES, Cal.—H. F. Miller, 7530 S Hobart Blvd., awarded general contract by Los Angeles Board of Education January 17 at \$46,936, for a shop building to be built at Thos. Jefferson high school, 1319 E 36th St. Other awards were: Plumbing, Wm. D. Kraemer, 5437 Maywood Ave., Maywood, \$2350; painting, H. J. McKinley, 9505 Burton Way, Beverly Hills, \$1538; heating and ventilating, Harry Walker, 7377 S. Harvard, \$2,289; electric wiring, Gerard Vande, 1876 W 38th Plac, \$1998.

BIDS REJECTED

HORN BROOK, Siskiyou Co., Cal.—Hornbrook School District, Frank H. Lowe, Clerk, rejected all bids received January 18, 8 P. M., for the erection of a frame 3-room and part basement school building to be erected upon the school premises as Hornbrook.

Bids ran high and work will be re-advertised shortly. * 15

Low Bidders

SCHOOL Cost, \$.....
PORTERVILLE, Tulare Co., Calif.
Olive Street.
Reinforced concrete grammar school to contain eight classrooms, li-

hrary and offices.
Owner—Porterville Grammar School District.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Low Bidder—Hodgson & Sons, Porterville, \$89,990.
Other bids were:
Trehwhitt - Shields & Fisher, Fresno \$96,000
F. C. Stolte Co., Alameda..... 96,400
Midstate Const. Co., Fresno..... 102,128
R. Pedersen, Fresno..... 102,979
Harris Const. Co., Fresno..... 110,400
Bids held under advisement.
(8935) 1st report Jan. 7; 2nd, Jan. 14, 1938. * 15

Sub Contracts Awarded
SCHOOL Cost, \$.....
SAN FRANCISCO. Naples and Italy Streets.
Two-story and basement concrete school building (9 classrooms), at St. Epiphany's.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Henry A. Minton, Underwood Bldg., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Frank J. Reilly Co., 6350 Fulton St.
Paving—Chas. L. Harney, 443 Call Bldg.
Masonry—Harry E. Drake, 666 Mission St., Builders Exchange.
Finish Hardware—Palace Hardware Co., 581 Market St.
Reinforcing Steel—Pacific Coast Steel Corp., 20th and Illinois Sts.
Concrete—John Casaretto Co., Sixth and Channel Sts.
All of San Francisco.
(8901) 1st report Dec. 29, 1937; 3rd, Jan. 13, 1938. * 15

Sub Contracts Awarded
SCHOOL BLDG. Cont. Pr., \$51,828
ALAMEDA, Alameda Co., Cal. Bay and Santa Clara Avenues (Mastick School).
First unit, to consist of foundations and skeleton classroom building, up to and including plastering, of an eventual one-story modernistic U-shaped elementary school building (12 classrooms, gym, and auditorium), stucco exterior, low pressure steam heating system, concrete floors and foundations, fire-resistant roof of the composition type; to be built on the unit plan around a central courtyard.
Owner—Alameda Board of Education (William G. Paden, Supt.).
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
Concrete—Nat Lena, 1174 19th St., Oakland.
Mill Work—California Mill & Lumber Co., 1829 Webster St., Alameda.
Reinforcing Steel—Dick Richards, 3422 Piedmont Ave., Oakland.
Plumbing & Heating—Madden Plumbing & Heating Co., 3102 San Pablo Ave., Oakland.
Electrical Work—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
Misc. Iron—Herrick Iron Works, 1729 Campbell St., Oakland.
Sheet Metal & Roofing—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.
(2995) 1st report Apr. 14; 10th, Jan. 13, 1938. * 15

Bids Wanted—To Close February 7, 2:00 P. M.
SCHOOL Cost, \$115,146
NACHES, Wash.
One-story brick veneer school bldg.
Owner—Naches School District 121, D. H. Baker, Clerk.
Architect—Walter Rothe, Liberty Bldg., Yakima, Wash.

Plans and specifications obtainable from Architect upon deposit of \$20. 15

Low Bidders
SCHOOL ADDITIONS. Cost, \$.....
WENATCHEE, Washington.
Unit (A), 3-story addition (110x175-ft.) to existing school; Unit (B), 2- and 3-story New Whitman Grammar School building (70x134 ft.) Unit (C) 1-story addition to Columbia Grammar School.
Owner—School District No. 46, Chehalan Co. (Carolyn Sterling, Secty.)
Architect—Earl W. Morrison, Textile Tower, Seattle.

General Contract
Low Bidders: Unit A: Junior-Senior High School: Howard S. Wright, 2210 2nd, Seattle, \$108,030; West Coast Const. Co., Lloyd Bldg., Seattle, \$114,291.
Unit B: Columbia Grade School—Howard S. Wright Co., \$61,370; West Coast Const. Co., \$61,612.
Unit C: Whitman School—Burnett & Garke, Wenatchee, \$26,365.
Plumbing-Heating
Unit A: Plumbing—Westlake Plbg. & Htg. Co., 6550 Ravenna, Seattle, \$4990; identical bids of \$15,890 for heating submitted by Westlake Plbg. & Htg. Co. and Urban & Sinnott, 1215 SW 5th, Portland.
Unit B: Plumbing—Westlake Plbg. & Htg. Co., \$2990; Heating—A. A. Bergan, \$8552. 15

BIDS OPENED
SAN FRANCISCO.—Anchor Post Fence Co., 460 Fifth Street, at \$871 submitted only bid to the Department of Public Works, Room 251, City Hall for constructing a 28-ft. fence at Jas. Rolph, Jr. playground, Potrero Ave. and Army Street. *

CONTRACT AWARDED
SAN FRANCISCO.—Wickwire-Spencer Steel Co., 101 Townsend St., at \$84.00 awarded contract by the Department of Public Works, Room 251, City Hall, for wire fence at Laguna Honda School, Seventh Avenue between Irving and Judah Streets.

LOW BIDDER

LOS ANGELES, Cal.—G. P. Kristenson, 606 W 80th St., submitted low general contract bid to Los Angeles Board of Education at \$39,798, for construction of a reinforced concrete cafeteria building (65x208-ft.) at the Manual Arts high school, 4131 S Vermont St. John and Donald B. Parkinson, architects, 434 Title Insurance Bldg.; J. G. Middleton, structural engineer; E. L. Ellingwood, mechanical engineer. 15

Contract Awarded
SCHOOL Cont. Pr., \$117,900
BAKERSFIELD, Kern County, Calif.
Baker and Niles Streets (Washington School).

Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish.
Owner—Bakersfield School District.
Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.
Structural Engineer—Don Shugart, Los Angeles.
Mechanical Engineer—Del Reynolds, Los Angeles.
Contractor—Opperman & Co., Box 141, Station A, Bakersfield.
Complete bids received Jan. 20 follow:
Opperman & Co., Bakersfield.....\$117,900
Guy E. Hall, L. A..... 119,142
Wesco Constr. Co., L. A..... 123,600
A. J. Hendricks, Bakersfield..... 125,000
Trehwhitt-Shields & Fisher, Fresno 128,220

transit at Wilmington, (1) 313,200 lbs. (2) 987,000 lbs.
 H. A. Browning Lbr. Co., disc. 1% 10 days, (1) \$3429.60, 278,400 lbs. fob Oregon; treated at Wilmington, \$10,185; 840,000 lbs.

James L. Hall, San Francisco, 2% 20 days, (1) \$4210.80, 348,000; fob The Dalles, Ore.

J. H. Baxter & Co., (1) \$4002, delivered to job, (2) \$12,075 delivered to job.

Texas Creosoting Co., (1) \$4347.60, fob Texas; treated in transit at Orange or Houston, Texas, 609,800 pounds.

Longbell Lbr. Co., San Francisco, 2% 20 days, (1) \$3450, 313,000 lbs., fob Oregon; (2) \$10,500, 945,000 lbs., fob Oregon; treated in transit at Weed, Calif. Alt. bid creosoted petroleum mix 8-lb. treatment, \$4.40 ft. net all items; (1) 278,500 lbs.; (2) 850,000 lbs.

Mineralized Cell Wood Preserving Co., Seattle, (1) \$2505.60, job Seattle, \$5133.65; delivered to job; 292,220 lbs., (2) \$7580 job Seattle, \$9424.25 delivered to job, 882,000 lbs.

BID CALL CANCELLED

SAN FRANCISCO.—U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 4th Street, San Francisco, cancelled the call for bids for finish hardware. Bids were called for January 31, 10 A. M., under Bid No. 4973.

BIDS OPENED

OAKLAND, Cal.—American Brass & Copper Co., 383 7th St., Oakland, at \$2077.77, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. 969, for (1) 384 2%—in. outside diam. No. 15 stub gauge red brass seamless tube, and (2) 400 2 1/2—in. outside diam. by 2 1/2—in. inside diam. stub gauge red brass seamless tube.

Total bids follow:
 Amer. Brass & Copper Co.,
 383 7th St., Oakland.....\$2077.77
 Moran Plumbing & Supply Corp. 2080.72
 Oakland Plumbing & Supply Co. 2106.19
 Richmond Sanitary Co. 2125.98
 Crane Co. 2126.15
 Fay-Holbrook, Inc. 2126.15
 The bid of the Oakland Sheet Metal Supply Co., Oakland, at \$2063.89, was submitted too late, therefore will not be considered.

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until Feb. 10, 2 p.m. bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1024-D, for furnishing and delivering sand and gravel for Contra Costa Canal, Delta Division, Central Valley Project, California; f.o.b. cars at alternative points.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Calif.—Electric Storage Battery Co., Los Angeles, submitted the only bid to the Metropolitan Water District, Los Angeles, for furnishing electric storage batteries for use at Colorado Aqueduct pumping plants, Spec. 266.

The bid was: (1) f.o.b. Philadelphia, Pa., \$1836.81; (2) f.o.b. Phila., \$2310.83. ea.; use tax \$331.50. Total \$1,431.63. Deposit on carbs included in above price but on.

Excess electrolyte will be furnished in ten glass carboys, which will be charged at \$5.00 each, returnable at Gen. Chem. Warehouse at Los Angeles.

BIDS OPENED

LOS ANGELES, Calif.—Riverside Cement Co., at \$1.98 bbl. (total \$118,800), submitted low bid to U. S. Engineer, Los Angeles, for 60,000 bbbs. portland cement in paper bags delivered to L. A. County drainage area; Circ. Pro. 207. Other bids were:

Graham Bros. (Santa Cruz cement), California Portland Cement Co., and Southwestern Portland Cement Co. submitted identical bids at \$2.06 bbl., total \$123,600.

Monolith Portland Cement Co., \$2.26 bbl.; total, \$125,600; disc. \$0.20 bbl. 10th prox. * 20

January 21, 1938.

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Pro. 218, for electric supplies. The lots were:

- (1) 1000 ft. all rubber elec. portable cord, 448 lbs. No. 6, 212 lbs. No. 10 and 70 lbs. No. 12 AWG solid copper wire, medium hard drawn; 1000 feet No. stranded, 0.5 feet No. 4 braided and 1000 ft. No. 14 solid rubber insulated copper wire, deliv. to 28th St., 2 blocks E of Santa Fe Ave., Vernon;
- (2) 3000 ft. No. 12 elec. portable, all rubber cord deliv. to Brazil and Exchange Sts.;
- (3) sockets, reflectors, steel conduit, conduit elbows, condulets, bushings, lock nuts, outlet boxes, del. to 28th St., 2 blks. E of Santa Fe Ave., Vernon;
- (4) strain insulators, glass insulators, pole pins, brackets, porcelain knobs, porcelain tubes, delivered same as Lot No. 3;
- (5) general service switches, meter service switches, tumbler switches, deliv. same as Lot No. 3.

The bids were:
 Brown Wholesale Elec. Co.—(1) \$239.05, (2) \$315, (3) \$329.56, (5) \$107.60; various disc.

Ace Whsle. Elec. Co.—(1) \$238.61, (2) \$315, (3) \$299.05, (5) \$90.13; 2% 30 days.

Elec. Whsle. Mart.—(1) \$239.93, (2) \$315, (3) \$316.70, (4) \$165.96, (5) \$83.10; various disc.

Myers Elec. Supp. Co.—(1) \$267.32, (3) \$352.80, (3) \$316.49, (4) \$168.61, (5) \$89.56; various disc.

Calif. Whsle. Elec. Co.—(1) \$244.73, (2) \$315, (3) \$315.45, (4) \$94.67, (5) \$83.96; various disc.

Associated Whsle. Elec.—(1) \$251.91, (2) \$359.10, (3) \$228.29, (4) \$189.76, (5) \$83.97; various disc.

John A. Roebeling's Sons—(1) \$244.73, (2) \$315; various disc.

Great West Elec. Co.—(1) \$248.39, (2) \$350.01, (3) \$287.31, (5) \$83.96; various disc.

Paranite Wire & Cable Corp.—(1) partial bid, (2) \$315; 2% 10th prox.

Hollywood Whsle. Elec.—(1) \$242.90, (2) \$315, (3) \$320.55, (4) \$168.61, (5) \$89.57; various disc.

Listenwater & Gough—(1) \$242.90, (2) \$309, (3) \$318.13, (4) \$193.51, (5) \$85.99; various disc.

Graybar Elec. Co.—(1) \$242.90, (2) \$315, (3) \$329.22, (4) \$199.16, (5) \$80.39; various disc.

Joslyn Co. of Calif.—(4) \$168.61; various disc.

Westinghouse Elec. Supply Co.—(1) \$244.75, (2) \$315, (3) \$320.42, (4) \$208.83, (5) \$85.99; various disc. * 20

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for electrical equipment awarded by the Los Angeles Water & Power Commission are:

Bowie Switch Company, disconnect switches, at \$16,680.

Anaconda Wire & Cable Co., waterproof insulated copper wire, at \$39,638.40.

CONTRACT AWARDED

LOS ANGELES, Calif.—Daugherty Lumber Co., at \$10,619.80, 2% 10 da, awarded contract by U. S. Engineer, Los Angeles, for 589,000 board feet Douglas fir lumber, f.o.b. Longview, Wash.; Circ. Pro. 204. * 20

January 25, 1938.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 4, 11 a.m., bids will be received by F. M. Lockwood, City Purchasing Agt., 524 F St., San Diego, for furnishing one carload of galvanized wrought steel pipe, threaded both ends, with galvanized couplings, in accordance with ASTM spec. for galv. pipe for ordinary uses, Designation 120-36. Twenty-foot lengths are desired, but may vary between 19 feet and 20 feet in length.

List of quantities are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 20

BIDS WANTED

GRAND COULEE DAM, Wash.—Until February 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1028-D, for furnishing and delivering approximately 200,000 barrels of modified Portland cement, in bulk, for the Grand Coulee Dam and power plant, Columbia Basin Project, Wash. FOB shipping point and/or Odair, Washington.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Cal.—Globe Lumber Co., at \$1417.98, 2%, 30 days, submitted low bid to U. S. Engineer, Los Angeles, for 56,132 bd. ft. D F delivered to Vernon and San Gabriel Circ. Pro. 228. Other bids were: Glick Bros., \$1420.62; 2% 30 days. Owens-Park Lbd. Co., \$1428.96; 5% 30 days.

E. K. Wood Lbr. Co., \$1470.10; 2%; 30 days.

Patten-Biinn Lbr. Co., \$1505.35; 2% 30 days.

Hammond Lbr. Co., \$1515.69; 5%; 30 days.

Orban Lbr. Co., \$1543.13; 5%; 30 days. corrected total (incorrectly computed and read as \$1282.83).

San Pedro Lbr. Co., \$1593.12; 5%; 30 days.

C. Ganahl Lbr. Co., \$1628.53; 5%; 30 days.

W. E. Cooper Lbr. Co., \$1806.12; 5%; 30 days.

Woodhead Lbr. Co., \$1975.93; 5%; 30 days. * 20

BIDS WANTED

PORTLAND OREGON.—Until Feb. 3, 10:30 A. M., bids will be received by the Procurement Officer, Ward C. Smith, 922 Bedell Building, for 3,000 rods of 34-inch high zinc coated fence for Farm Resettlement Project; fob 2nd and Galloway, McMinnville, Ore., and/or shipping point.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, for (1) 700 Lf. 30-ft. lengths (240 pcs.) and (2) 2800 Lf. 40-ft. lengths (70 pcs.) round wood, Douglas fir or Southern yellow pine treated piling, delivered to Compton Creek and Alameda St., near Compton, and/or fob mill. Circ. Pro. 222.

Total bids follow:

Long-Bell Lumber Co., (1) \$.50; (2) \$.47, total, \$4916; fob Corvallis, Ore.; treatment at Weed, Calif.

Texas Creosoting Co., (1) \$.62; (2) \$.59, total, \$6116; fob Texas; treated

at Orange or Houston, Texas.

J. H. Baxter & Co., (1) and (2) \$635, total \$6350; delivered to job.
 Chas. R. McCormick Lbr. Co., (1) and (2) \$51, total \$5100; 60 days delivery; fob St. Helens, Ore.

H. A. Browning Lbr. Co., (1) \$615; (2) \$59, total \$6080; 1% 1 days; delivered to job.

American Lumber and Trading Co. (1) \$.70; (2) \$.70; delivered to job; (1) and (2) \$.58 fob Cottage Grove, Oregon.

Frost Lbr. Industries (telegraphic bid); (1) \$.9125; (2) \$.845, total, \$8,929; fob Shreveport, Louisiana.

Southern Pacific Lbr. Co., (1) and (2) \$.51, total \$5150; fob Jasper, et al. Ore. Shipped on govt. bill of lading to Wilmington for treatment.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 3, P. M., bids will be received by U. S. Engineer, Los Angeles, for 635,000 lbs. of fabricated steel and other metal work for super-structure for the Southern Pacific Co. (San Pedro branch) and railway bridge over Compton bridge; fob job site and/or mill. Bid bond 10% must accompany bid. Circ. Prop. 244.

BID CALLS CANCELLED

SAN FRANCISCO, Cal.—The U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, cancelled the two following bid calls:

BID NO. 4931.—Mill work scheduled to open January 24th.
 BID NO. 4962.—Mill work scheduled to open January 28th.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until Feb. 9, 10 a.m., bids will be received by the Supervising Superintendent of Construction, William H. Radcliffe, Veterans' Administration Facility, Palo Alto, for furnishing supplies, as follows:

BID NO. 54-38-2.—Furnishing complete and ready for erection: (1) one steel stairs serving three floors; (2) one open riser stairs for boiler room; (3) one iron ladder to pent house; f.o.b. Reno, Nevada.

BID NO. 54-38-3.—Furnishing 45 hollow metal frames for doors, complete with anchors; 7 hollow metal doors; one channel cap for partition; 2 access doors and frames; f.o.b. Reno, Nevada.

BID NO. 54-38-4.—Furnishing hardware, etc.

Plans and specifications may be obtained from the above office.

BIDS OPENED

LOS ANGELES, Cal.—Bids for (1) 40 each, 2-in. gate valves and 6 each, 2-in. angle valves, (2) black malleable iron pipe fittings, including tees, couplings, plugs, unions and 2000 ft. 2-in. welded steel pipe, delivered to 28th St., two blocks east of Santa Fe Ave., Vernon, Circ. Prop. 230, opened by U. S. Engineer, Los Angeles, were:

Ducommun Metals & Supply Co.—(1) \$238.54, (2) \$269.19; total, \$507.73.
 Plumbing & Heating Supp. Co.—(1) \$170.64, (2) \$343.57; total, \$514.21.
 Keenan Pipe & Supp. Co.—(1) \$206, (2) \$351.80; total, \$557.80.
 Kohler Co.—(1) \$216.26, (2) \$342.80; total, \$559.06.
 A. E. Lyon—(1) \$218.10, (2) \$347.32; total, \$565.42.

Associated Piping & Engrg. Co.—(1) \$216.64, (2) \$349.63; total, \$566.32.
 California Pipe & Supply Co.—(1) \$219.84, (2) \$346.70; total, \$566.54.

Smith Booth Usher Co.—(1) \$211.40,

(2) \$355.20; total, \$566.60.
 Hacker Pipe & Supply Co.—(1) \$219.75, (2) \$354.63; total, \$574.46.
 Howard Supply Co.—(1) \$252.50, (2) \$340.70; total, \$593.20.
 American Wholesale Hardware Co.—(1) \$230.22, (2) \$381.01; total, \$611.23.
 Penn Iron & Steel Co.—(1) \$273.50, (2) \$343.15; total, \$616.65.
 Kelly Pipe Co. — (1) \$262.50, (2) \$360.60; total, \$623.10.
 Drake Supply Co.—(1) \$282.20, (2) \$360.75; total, \$642.95.
 Griffith Pipe & Supply Co.—(1) \$279.10, (2) \$416.87; total, \$695.93.
 Pacific Southwest Pipe Co. — (1) \$711.56, 14 da deliv., (2) \$360.78; total, \$1072.34.
 Grinnell Co. of the Pacific — (2) \$360.81.
 Carter Hardware Co.—(2) \$357.90.
 Santa Fe Pipe & Supply Co.—(2) \$343.20.
 All disc. 2% 30 days.

CORRECTION—BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until February 10, 2 P. M., bids will be received by the Bureau of Reclamation, Old Post Office Building, Sacramento, under Spec. No. 1024-D for furnishing and delivering 29,000 tons of gravel and 27,000 tons of sand for an 8-mile section of the Contra Costa Canal, Delta Division, Central Valley Project, Calif.; fob cars at alternative points.

Plans and specifications may be obtained from the above office.
 Previously reported that bids would be opened at Denver, Colo., which was an error.

BIDS OPENED

LOS ANGELES, Cal.—The following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 223, for 260,073 pounds of steel walers rods, washers, plates and piling; fob contractor's plant and/or delivery to Washington Blvd. and Los Angeles rivers. The items are:

LOT NO. 1

Rods, steel, 3/4-in. dia., both ends upset to 1/4-in. dia., threaded, and each rod equipped with one U. S. standard hex. nut on each end.
 Threaded 10-in. on each end of rods:
 (1) 715.95 cwt. 49 ft. 9 1/2-in. (43 rods);
 (2) 174.20 cwt. 29 ft. 9 1/2-in. (13 rods);
 (3) 16.70 cwt. 50 ft. 6-in. (1 rod);
 Threaded 8-in. on one end of rod and 10-in. on other end:
 (4) 505.3 cwt. 49 ft. 2-in. (31 rods);
 (5) 16.5 cwt. 49 ft. 9-in. (1 rod).

LOT NO. 2

(1) 146.22 cwt. washers, plate, steel, 12x2-in. x 1 ft. 2-in., threaded, and 1/2-in. dia. hole in center (170 pcs.);
 (2) 4.10 cwt. plates, bearing, steel, 9x 3/8-in., with 3-in. dia. hole in center (26 pcs.);
 Beveled washers and walers:
 Washers:
 (3) 1.33 cwt. 12-in. x 1-ft. 2-in. x 27/16-in., beveled to g-in., 1/2-in. hole (2 each);
 (4) 0.73 cwt. 12-in. x 1-ft. 2-in. x 2 1/8-in. beveled to 5/8-in., 1/2-in. hole (1 each);
 Walers:
 (5) 792 cwt. 33-ft. long, fabricated with two 15-in., 33.9-lb. channels and eight 6-in., 15.5-lb. channel pieces (33 walers);
 (6) 53.2 cwt. 36-ft. long, fabricated with two 15-in., 33.9-lb. channels and ten 6-in., 15.5-lb. channel pieces (2 walers);
 (7) 19.7 cwt. 27-ft. long, fabricated with two 15-in., 33.9-lb. channels and eight 6-in., 15.5-lb. channel pieces (1 waler).

LOT NO. 3

Piling, steel bearing:
 (1) 57.60 cwt. 20 ft. long (8 pcs.);
 (2) 97.20 cwt. 15 ft. long (18 pcs.).
 Ingalls Iron Works: (telegraphic bid) lot 2 \$4.07 cwt.; shipped on govt.

bill of lading from Birmingham, Ala. Bethlehem Fabricators, Lot 1, \$8,957.64 delivered to job; Lot 2, \$6076.98 delivered to job; Lot 3 (with lots 1 and 2) \$711.21.

Minneapolis - Moline Power Implement Co., Lot 2, \$4820.29 fob Minneapolis; disc. of 1%, 20 days; shipment in 60 days.

Pennsylvania Iron & Steel Co., Lot 2 (1) \$4.50; (2) \$6.70; (3) \$22; (4) \$21; (5) (6) and (7) \$4.50; delivered to job.

Arthur J. O'Leary, Lot 1, \$690.39 fob Chicago; Lot 2, \$3264.78 fob Chicago; Lot 3 with Lot 1 or Lot 2 or both, \$2.70 fob Chicago; disc. 1/2 of 1% 10 days.

Columbia Steel Co., Lot 1 \$5.87 cwt. delivered to job, if shipped on govt. bill of lading from Munhall, Pa., allow \$1.17 cwt.; Lot 2, (1) \$5.87; (2) \$6.03; (3) \$5.87; (4) \$5.87; (5) (6) and (7) \$4.87; delivered to job; allow \$1.17 cwt. if shipped on govt. bill of lading from Munhall, Pa.; Lot 3, \$342 on LCL shipment; allow \$1.17 on carload shipment with lots 1 and 2 on govt. bill of lading from Munhall, Pa.; prices based on rail shipment. Water Shipment: Lot 1, \$5.65; Lot 2 (1) \$5.65; (2) \$5.525; (3) and (4) \$5.65; (5) (6) and (7) \$4.375; Lot 3, \$2,925; disc. 1/2 of 1%, 10 days.

Pacific Iron & Steel Co., Lot 2, \$4,956.05; delivered to job.

Bethlehem Steel Co., Lot 1, \$5.15 cwt., delivered to job; if shipped on govt. bill of lading from Lebanon, Pa., allow \$1.32 cwt.; disc. 1/2 of 1%, 10 days on basing point value; Lot 2 (1) \$5.60; (2) \$8; (3) \$15.50; (4) \$15.20; (5) (6) and (7) \$4.20; delivered to job; net; Lot 3 if awarded Lot 1 or Lot 2, \$2.95 cwt.; carload shipment at contractor's expense. Disc. 1/2 of 1%, 10 days on basing point value.

BIDS WANTED

SAN BERNARDINO, Calif.—Until Feb. 2, 4 p.m., bids will be received by the board of water commissioners, San Bernardino, for (1) 4700 ft. 12-in. I D, 10-ga. electric welded steel water pipe, double dipped with asphalt and wrapped with 40-lb. rag felt, lengths not less than 20 ft. with male and female ends for driving; (2) 4700 ft. 12-in. I D, 3/16-in. ga. electric welded steel water pipe, double dipped and wrapped, lengths not less than 20 feet, with male and female ends; f.o.b. trenchside or Second and D Streets store yard, San Bernardino. Certified check, 10%, must accompany bid.

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following submitted bids to the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing (1) 180,000 gallons; (2) 6000 gallons of gasoline for the fiscal year 1928.

Four identical bids submitted at (1) \$1242; (2) \$1267 by: Tide Water Associated Oil Co., Rio Grande Oil Co., Inc., Standard Oil Co. of California, and Seaside Oil Co.

Four identical bids submitted at (1) \$1342; (2) \$1367 by: General Petroleum Corp. of Calif., Riefield Oil Corp., Shell Oil Co., and Signal Oil Co. Gilmore Oil Co., (1) \$1274; (2) \$1299.

Union Oil Co. of Calif., (1) \$1367; (2) \$1367.

The Texas Company, (1) \$1402; (2) \$1427.

CONTRACT AWARDED

LOS ANGELES.—Brown Wholesale Electric Co., 319 E. 2nd St., at \$239.05, awarded contract by the U. S. Engineer Office, Los Angeles, under Circ. Prop. No. 218, for furnishing electric supplies.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|----------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Etc. | 31.—Pipe Lines and Walls |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Bldg. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. S. Metzger & Son, 408 S Spring St., Los Angeles, at \$46,779 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening bridges across Corral Creek, Solistice Creek and Escondido Creek at points about sixteen miles north of Santa Monica, Los Angeles County. * 21

CONTRACT AWARDED

COCONINO CO., Ariz.—Lewis Bros. Contrs., Inc., Phoenix, at \$70,309 was awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for constructing the Wilson Canyon Bridge on Section B, Rt. 7, Oak Creek National Forest Highway, Coconino National Forest, Arizona. * 21

CONTRACT AWARDED

SAN FRANCISCO, Calif.—J. Philip Murphy, 3901 Mission St., at \$37,557, awarded contract by the Board of Directors of Golden Gate Bridge and Highway District, W. W. Pelt, Jr., Secretary, for the erection of certain steel scaffolds underneath the main span and side spans of the Golden Gate Bridge, together with alterations and additions to certain steel work now on bridge. * 21

CONTRACT AWARDED

MERCED CO., Cal.—E. G. Perham, 1128 Stearns Drive, Los Angeles, at \$25,628, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer Public Works Bldg., Sacramento, for construction of seven timber bridges on timber pile bents, and a corrugated metal pile culvert at points about ten to sixteen miles southeast of Merced. * 21

CONTRACT AWARDED

DEL NORTE CO., Cal.—Hemstreet & Bell, 501 11th St., Marysville, at \$132,154, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete slab bridge and grading and applying seal coat to about two miles between Wilson Creek and Last Chance Slide, Del Norte Co., Cal. * 21

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—Earle W. Heple, 494 Delmas Ave., San Jose, at \$24,851, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced con-

crete girder bridge across Salsipuedes Creek about one-half mile northeast of Watsonville, consisting of one 40-ft. 0-in. span and two 30-ft. 0-in. spans and grading and surfacing with crusher run base topped with armor coat 0.23 mile of roadway, Santa Cruz County. * 21

BIDS WANTED

SANTA CLARA CO., Calif.—Until February 16, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete overhead structure over Madrone Drive about five miles south of Los Gatos, consisting of one 43-ft. 1-in. span, one 50-ft. 0-in. span, and one 41-ft. 1-in. span on reinforced concrete bents and abutments, Santa Clara Co., Calif.

Work involves:

- (1) 600 c. y. struc. excav.;
- (2) 155,000 lbs. bar reinf. steel;
- (3) 800 c. y. class A portland cement concrete struc.;
- (4) 3 c. y. class A portland cement concrete railing;
- (5) 700 lbs. cast steel rockers;
- (6) 8,800 lbs. misc. steel;
- (7) 2,160 lf. furnish treated Douglas fir piles;
- (8) 72 each, driving treated Douglas fir piles;
- (9) 244 lf. aluminum railing;
- (10) 800 sq. yds. gunite;
- (11) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

LOW BIDDERS

LASSEN CO., Cal.—M. A. Jenkins, 3560 Y Street, Sacramento, at \$12,697 (alt. A), and \$12,559.50 (alt. B), submitted low bid to the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, for the construction of three timber stringer bridges with concrete decks on concrete pile bents between three miles south of Standish and Wendel, on the Buntingville-Wendel Road, Lassen County.

Franzini & Fredenburg, San Rafael, at \$14,125.50 (alt. A) and \$13,575.00 (alt. B), submitted second low bid.

Complete bids will be published shortly. * 21

CONTRACT AWARDED

LOS ANGELES CO., Cal.—United Concrete Pipe Corp., Box No. 1, Sta. H, Los Angeles, at \$109,853.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near

Rudell Station and approaches, Los Angeles County. * 21

23— CANALS

BIDS OPENED

OWYHEE PROJECT, Oregon-Ida.—Geo. B. Henly Constr. Co., Ontario, Oregon, at \$7248, submitted low bid to the Bureau of Reclamation, Boise, Idaho, under Spec. No. 543-0, for the construction of earthwork, South Canal laterals 13.8 to 23.3, Succor Creek division, Owyhee Project, Oregon-Idaho.

Work involves:

- (1) 65,600 c. y. excav., common, for laterals;
- (2) 400 c. y. excav., rock, for laterals;
- (3) 4,000 sta. c. y. overhaul.

Total bids follow:

- (A) Geo. B. Henly Constr. Co., Ontario, Oregon—\$7,248.
- (B) Henry L. Horn, Caldwell, Idaho—\$7,456.
- (C) Morrison - Knudsen Co., Inc., Boise, Idaho—\$7,948.
- (D) J. A. Terteling, Boise—\$8,164.
- (E) Triangle Constr. Co., Boise—\$8,192.00.
- (F) A. L. Nelson, St. Anthony—\$10,840.00.

Unit prices follow:

	(1)	(2)	(3)
(A).....	\$0.105	\$0.40	\$0.05
(B).....	.11	.40	.02
(C).....	.118	.118	.04
(D).....	.115	.95	.06
(E).....	.12	.60	.02
(F).....	.15	2.00	.05

25—MACHINERY AND EQUIPMENT

BIDS WANTED

OAKLAND, Calif.—Until Feb. 2, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 974, for furnishing two cash register control machines.

Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

KINGS CO., Cal.—Jourdan Concrete Pipe Co., State Highway and McKinley St., Fresno, at \$23,900, submitted low bid and was awarded contract by the Board of Directors, Last Chance Water Ditch Co., H. Scott Jacobs, Anglo Bank Bldg., Hanford, for the construction of a reinforced concrete headgate to be constructed near the head of its canal leading out of Kings River, six miles northwesterly from Hanford.

Only other bidder was Case Constr. Co., at \$24,510.

CONTRACTS AWARDED

LOS ANGELES, Cal.—The U. S. Engineer, Los Angeles, under Cir. Prop. 200, awarded contracts for the rental of 8 dump trucks each (4 cu. yd.) to the following:

Vincent Agnifill and D'Eramo (bidding jointly) at \$2.00 hr.; \$32,000; 18% 10 days.

G. R. Haines, at \$1.59 hr.; \$27,040; 10% 10 days.

John Crisall, at \$1.70 hr.; \$27,200; 7% 10 days.

Frank Cottrell and Tony Maccaaggi (bidding jointly) at \$2.00 hr.; \$32,000; 13% 10 days. * 25

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

BIDS OPENED

LOS ANGELES, Cal.—Bids for the RENTAL of 72 four-cy. dump body trucks opened by U. S. Engineer, Los Angeles, under Circ. Prop. 220, were: (prices for 8 trucks only unless otherwise noted):

Triangle Rock & Gravel Co., net, \$2,25 hr.; \$40,000.
Frank Cottrell and Tony Macagi, 1 3/4% 10 da., \$2.00 hr.; \$32,000.
Miller Transp. Co., 5% 20 da, \$2.20 hr.; \$35,200.
Frank D. Oneal, net, \$2.15 hr.; \$34,400.
Western Trucking Co. 2% 10 da; \$2.00 hr.

United Dump Truck Service, 5% 10 da, \$1.80 hr.; \$28,800.
H. B. Lightfoot, net, \$1.70 hr.; \$27,200.

Emmett O'Leary, 2% 10 da, \$2.07 hr.; \$33,120.
John Crisalli, 7% 10 da, \$1.70 hr.; \$27,200.

J. F. Pierce, 2% 10 da, \$2.15 hr.; \$34,400.
H. K. Smith, net, 16 trucks, \$2.14 hr.; \$68,480.

L. A. Rock & Gravel, 5% 10 da; 8 trucks; \$2.25; \$36,000; 16 trucks, \$2.20 hr.; \$70,400.

W. L. Morgan, net, \$2.00 hr.; \$32,000.

W. C. Ralling and Chas. Begunl, Millbrae and Redwood City, 3 1/4% 10 da, \$2.25 hr.; \$36,000.

M. E. Hartman, 5% 10 da, \$1.95 hr.; \$29,640.

G. W. Riley, net, \$2.00 hr.; \$32,000.
S. Edmondson & Sons, 6 1/4% 10 da; 16 trucks, \$2.40 hr.; \$76,800; 7-yard trucks.

Nick Perscallo, net, \$2.00 hr.; \$32,000.

Vernon Copeland, 6% 10 da, \$2.00 hr.; \$32,000.

McE Bros. Trucking Co., net, \$2.00 hr.; \$32,000.

A. Edmondson, 2% 10 da, \$1.90 hr.; \$30,400.

Nick Vlachic, 10% 10 da, \$2.00 hr.; \$32,000.

Geo. J. Bock Co., 3% 10 da, \$2.25 hr.; \$36,000.

Jack Starkenburg, 2% 10 da, \$1.90 hr.; \$30,400.

V. Agnifili and D'Eramo, 18% 10 da, \$2.00 hr.; \$32,000.

Ryall Trucking Co., 2% 30 da, \$1.60 hr.

C. R. Haines, 11,527 Tuxford, Roscoe, 10% 10 da, \$1.59 hr.; \$27,040.

N. George and A. Bin, San Francisco, 1 1/4% 20 da, \$1.95 hr.; \$31,200.

Eastside Hauling Co., 5% 10 da, \$1.80 hr.; \$28,800.

Santo Tedesco, 5% 10 da, \$2.25 hr.; \$36,000.

Jos. Vlasco, 9 1/4% 10 da, \$2.00 hr.; \$32,000.

Paul D. Lawrence, 16% 10 da; \$2.25 hr.; \$36,000. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the RENTAL of 3 crawler type cranes without operators, for use on Los Angeles River, between Soto and 23rd Sts., opened by U. S. Engineer, Los Angeles. Bids were received on:

(1) 300 hrs. for RENTAL of one crawler type crane with 110-ft. boom;

(2) 300 hrs. for RENTAL of one crawler type crane with 70-ft. boom;

(3) 600 hrs. for RENTAL of two crawler type cranes with 70-ft. boom.

Circ. Prop. 231. The bids were: Bert Calvert (Northwest No. 6)—(1) \$4.75 hr.; total, \$1425; disc. 1% 20 days.

Pacific Crane & Rigging Co.—(1) with wood jib, \$15 hr.; total, \$4500; with steel jib, \$17 hr.; (2) \$13 hr.; total, \$3,900 (Link-Belt K-55); net. * 25

CONTRACT AWARDED

LOS ANGELES, Calif. — Camillo Bros. Dump Truck Co., at \$38,280, disc. 2% 10 days, was awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 221, for the rental of six 10-cu. yd. water measure capacity dump body trucks, for use in Los Angeles County drainage area. * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Feb. 4, 11 a.m., bids will be received by the State Division of Highways, J. W. Vickrey, District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental of two only 3-yd. dump trucks for 500 hours each, for use under power shovels for hauling gravel in District 1.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing fourteen trucks for the City of Oakland:

Yellow Truck & Coach Mfg. Co., Oakland—(a) \$1413.27; (b) \$1403.07; (c) \$1459.99.

International Harvester Co., Oakland—(a) \$1439.12; (b) \$1423.67; (c) \$1266.16.

Chevrolet Motor Division General Motors Sales Corp., Oakland — (a) \$1589; (b) \$1308.

Jos. Pierotti & Co., Oakland—(a) \$1065.57; (b) \$1059.07. * 25

BIDS OPENED

OAKLAND, Cal.—Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, at \$1285, submitted low bid to the City of Oakland Port Commission, foot of Grove St., Oakland, for furnishing one ten-ton used road roller.

Complete bids follow:
Edward R. Bacon Co., 17th and Folsom Sts., S. F. \$1285

Sam Bates Co., Oakland. 1675

Ariss-Knapp Co., Oakland. 1950

A. Soda & Son, Oakland. 2000

Knox-Hale Machinery Co., San Francisco. 2350 * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until Feb. 10, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1026-D, for furnishing and delivering line hardware and conductor fittings for 230-kilovolt switchyard at Boulder power plant, Boulder Canyon Project, Arizona - California - Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and /or Boulder City, Nev.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

OAKLAND, Calif.—Bill Motor Co., Ltd., 3001 E. 14th St., Oakland. \$2514.10, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 967, for furnishing five 1938 model Ford 85-hp. 1/2-ton commercial cars.

Complete bids follow:
Bill Wood Motor Co., Ltd., 3001 E. 14th St., Oakland. \$2514.10

Deitz Motor Co. 2699.00

John Eagal 2723.00

Jos. Pierotti & Co. 2779.85

Raleigh R. Leach, Inc. 2794.95

Chester N. Weaver Co. 2912.10

David M. Rose 2915.00

Less E. Firistine 2915.00

Norman Wolf 2978.56 * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until Feb. 14, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1027-D, for furnishing and delivering carrier-current telephone apparatus for Boulder power plant, Boulder Canyon Project, Arizona - California - Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

OWYHEE PROJ., Ore.-Ida.—Until February 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1025-D, for furnishing and delivering one direct pumping unit for Succor Creek pumping plant No. 2, Owyee Project, Oregon-Idaho. Pumping unit will be installed by the Government; fob shipping point and/or Hometown, Idaho.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN BERNARDINO, Cal.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 36514, Req. No. 1490, for 8-ft. pneumatic tired leaning wheel grader; fob San Bernardino with trade-in allowance on Adams Grader: Weaver Rye (Cat. Mod. 33), \$1596.92; turn-in \$363.50; \$1233.42; 3 weeks delivery; disc. 25%; 30 days.

Crook Co. (Allis-Chalmers No. 8), \$1277.50; turn-in \$00, \$1077.50; 30 days delivery; 2% 30 days.

J. D. Adams (Adams No. 84), \$1,636.30; turn-in \$300, \$1336.30; 22 days delivery; 2% 30 days.

Brown-Bevis Co. (Austin-Western No. 8) \$1450; turn-in \$240, \$1210.00; 14 days delivery; 2% 30 days.

Smith Booth Usher (Galion No. 108) \$1375; turn-in \$115, \$1260; delivery in 15 to 18 days; 2% 30 days. * 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the rental of trucks and shovels for use in District X.

Bids were taken on:
(1) 3 c.y. dump truck;

(2) 4 c.y. dump truck;

(3) 2 1/2 c.y. truck shovel.

Complete bids follow:
McReynolds Trucking Co., Oakland (2) (a) \$2.90; (b) \$2.40; (c) \$2.85.

Rock and Gravel Trucking Co., Oakland, (1) (a) \$2.50; (b) \$2.10; (c) \$2.30; (2) (a) \$2.90; (b) \$2.40; (c) \$2.65; (3) \$4.75 per hour.

Joe Volpa, Fresno, (2) (a) \$2.90; (b) \$2.40; (c) \$2.65; (3) \$5.25.

C. W. Begunl, Millbrae, (2) (a) \$2.90; (b) \$2.40; (c) \$2.65.

Pacific Truck Co., San Jose: (1) (a) \$2.50; (b) \$2.10; (c) \$2.30; (3) \$3.94.

Claude C. Wood, Stockton: (2) (a) \$3.20; (b) \$3.20; (c) \$3.20.

C. E. Huls, Merced: (1) (a) \$2.50 (b) \$2.10 (c) \$2.30; (2) (a) \$2.90 (b) \$2.40; (c) \$2.65; (3) \$4.00, \$2.50 per hour moving time * 25

BIDS WANTED

LOS ANGELES, Cal.—Until 3 p.m., Jan. 31, bids will be received by the U. S. Engineer, Los Angeles, for the RENTAL of 24 four-yr. water level capacity dump trucks. Circ. Prop. 247. Bids will be received on:
(1) 8,000 hours for 8 trucks;

(2) 16,000 hours for 16 trucks;

(3) 24,000 hours for 24 trucks.

Bid bond, 10%, must accompany bid. * 25

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Ore-drag, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Bldg.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play-grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. S. Metzger & Son, 408 S Spring St., Los Angeles, at \$46,779 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening bridges across Corral Creek, Solistice Creek and Escondido Creek at points about sixteen miles north of Santa Monica, Los Angeles County. * 21

CONTRACT AWARDED

COCONINO CO., Ariz.—Lewis Bros. Constr., Inc., Phoenix, at \$70,309 was awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for constructing the Wilson Canyon Bridge on Section B, Rt. 7, Oak Creek National Forest Highway, Coconino National Forest, Arizona. * 21

CONTRACT AWARDED

SAN FRANCISCO, Calif.—J. Philip Murphy, 3901 Mission St., at \$37,557, awarded contract by the Board of Directors of Golden Gate Bridge and Highway District, W. W. Felt, Jr., Secretary, for the erection of certain steel scaffolds underneath the main span and side spans of the Golden Gate Bridge, together with alterations and additions to certain steel work now on bridge. * 21

CONTRACT AWARDED

MERCED CO., Cal.—E. G. Perham, 1128 Stearns Drive, Los Angeles, at \$25,628, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer Public Works Bldg., Sacramento, for construction of seven timber bridges on timber pile bents, and a corrugated metal pipe culvert at points about ten to sixteen miles southeast of Merced. * 21

CONTRACT AWARDED

DEL NORTE CO., Cal.—Hemstreet & Bell, 501 11th St., Marysville, at \$132,154, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete slab bridge and grading and applying seal coat to about two miles between Wilson Creek and Last Chance Slide, Del Norte Co., Cal. * 21

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—Earle W. Heple, 494 Delmas Ave., San Jose, at \$24,851, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced con-

crete girder bridge across Salsipuedes Creek about one-half mile northeast of Watsonville, consisting of one 40-ft. 0-in. span and two 30-ft. 0-in. spans and grading and surfacing with crusher run base topped with armor coat 0.23 mile of roadway, Santa Cruz County. * 21

BIDS WANTED

SANTA CLARA CO., Calif.—Until February 16, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete overhead structure over Madrone Drive about five miles south of Los Gatos, consisting of one 43-ft. 1-in. span, one 50-ft. 0-in. span, and one 41-ft. 1-in. span on reinforced concrete bents and abutments, Santa Clara Co., Calif.

Work involves:

- 600 c.y. struc. excav.;
- 155,000 lbs. bar reinf. steel;
- 800 c.y. class A portland cement concrete struc.;
- 3 c.y. class A portland cement concrete railing;
- 700 lbs. cast steel rockers;
- 8,800 lbs. misc. steel;
- 2,160 l.f. furnish treated Douglas fir piles;
- 72 each, driving treated Douglas fir piles;
- 244 l.f. aluminum railing;
- 100 sq. yds. granite;
- 11 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

LOW BIDDERS

LASSEN CO., Cal.—M. A. Jenkins, 3560 Y Street, Sacramento, at \$12,697 (alt. A), and \$12,559.50 (alt. B), submitted low bid to the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, for the construction of three timber stringer bridges with concrete decks on concrete pile bents between three miles south of Standish and Wendel, on the Buntingville-Wendel Road, Lassen County.

Franzini & Fredenburg, San Rafael, at \$14,125.50 (alt. A) and \$13,575.00 (alt. B), submitted second low bid.

Complete bids will be published shortly. * 21

CONTRACT AWARDED

LOS ANGELES CO., Cal.—United Concrete Pipe Corp., Box No. 1, Sta. H. Los Angeles, at \$109,853.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of an upgrade crossing under the tracks of the Southern Pacific Railroad near

Rudell Station and approaches, Los Angeles County. * 21

23— CANALS

BIDS OPENED

OWYHEE PROJECT, Oregon-Ida.—Geo. B. Henly Constr. Co., Ontario, Oregon, at \$7248, submitted low bid to the Bureau of Reclamation, Boise, Idaho, under Spec. No. 543-0, for the construction of earthwork, South Canal laterals 13.8 to 23.3, Succor Creek division, Owyhee Project, Oregon-Idaho.

Work includes:

- 65,600 c.y. excav., common, for laterals;
- 400 c.y. excav., rock, for laterals;
- 4,000 sta. c.y. overhaul.

Total bids follow:

- Geo. B. Henly Constr. Co., Ontario, Oregon—\$7,248.
- Henry L. Horn, Caldwell, Idaho—\$7,456.
- Morrison - Knudsen Co., Inc., Boise, Idaho—\$7,948.
- J. A. Terteling, Boise—\$8,164.
- Triangle Constr. Co., Boise—\$8,192.00.
- A. L. Nelson, St. Anthony—\$10,840.00.

Unit prices follow:

	(1)	(2)	(3)
(A).....	\$0.105	\$0.40	\$0.05
(B).....	.11	.40	.02
(C).....	.118	.118	.04
(D).....	.115	.95	.06
(E).....	.12	.60	.02
(F).....	.15	2.00	.23

25—MACHINERY AND EQUIPMENT

BIDS WANTED

OAKLAND, Calif.—Until Feb. 2, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 974, for furnishing two cash register control machines.

Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

KINGS CO., Cal.—Jourdan Concrete Pipe Co., State Highway and McKinley St., Fresno, at \$23,900, submitted low bid and was awarded contract by the Board of Directors, Last Chance Water Ditch Co., H. Scott Jacobs, Anglo Bank Bldg., Hanford, for the construction of a reinforced concrete headgate to be constructed near the head of its canal leading out of Kings River, six miles northwesterly from Hanford.

Only other bidder was Case Const. Co., at \$24,510.

CONTRACTS AWARDED

LOS ANGELES, Cal.—The U. S. Engineer, Los Angeles, under Circ. Prop. 200, awarded contracts for the rental of 8 dump trucks each (4 cu. yd.) to the following:

Vincent Agnifill and D'Eramo (bidding jointly) at \$2.00 hr.; \$32,000; 18% 10 days.

G. R. Haines, at \$1.59 hr.; \$27,040; 10% 10 days.

John Crisalli, at \$1.70 hr.; \$27,200; 7% 10 days.

Frank Cottrell and Tony Maccaggi (bidding jointly) at \$2.00 hr.; \$32,000; 13½% 10 days. * 25

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

BIDS OPENED

LOS ANGELES, Cal.—Bids for the RENTAL of 72 four-cy. dump body trucks opened by U. S. Engineer, Los Angeles, under Circ. Prop. 220, were: (prices for 8 trucks only unless otherwise noted):

Triangle Rock & Gravel Co., net, \$2.25 hr.; \$40,000.
 Frank Cottrell and Tony Macagi, 1 1/2% 10 da., \$2.00 hr.; \$32,000.
 Miller Transp. Co., 5% 20 da, \$2.20 hr.; \$35,200.
 Frank D. Oneal, net, \$2.15 hr.; \$34,400.
 Western Trucking Co., 2% 10 da; \$2.00 hr.
 United Dump Truck Service, 5% 10 da, \$1.80 hr.; \$28,800.
 H. B. Lightfoot, net, \$1.70 hr.; \$27,200.
 Emmett O'Leary, 2% 10 da, \$2.07 hr.; \$33,120.
 John Crisalli, 7% 10 da, \$1.70 hr.; \$27,200.
 J. F. Pierce, 2% 10 da, \$2.15 hr.; \$34,400.

E. K. Smith, net, 16 trucks, \$2.14 hr.; \$68,540.
 L. A. Rock & Gravel, 5% 10 da; 8 trucks; \$2.25; \$36,000; 16 trucks, \$2.20 hr.; \$70,400.
 W. L. Morgan, net, \$2.00 hr.; \$32,000.
 W. C. Railing and Chas. Begunl, Millbrae and Redwood City, 3 1/4% 10 da, \$2.25 hr.; \$36,000.
 M. E. Hartman, 5% 10 da, \$1.95 hr.; \$29,640.
 G. W. Riley, net, \$2.00 hr.; \$32,000.
 S. Edmondson & Sons, 6 1/4% 10 da; 16 trucks, \$2.40 hr.; \$76,800; 7-yard trucks.
 Nick Percallo, net, \$2.00 hr.; \$32,000.
 Vernon Copeland, 6% 10 da, \$2.00 hr.; \$32,000.
 Moe Bros. Trucking Co., net, \$2.00 hr.; \$32,000.
 A. A. Edmondson, 2% 10 da, \$1.90 hr.; \$30,400.
 Nick Vlachic, 10% 10 da, \$2.00 hr.; \$32,000.
 Geo. J. Bock Co., 3% 10 da, \$2.25 hr.; \$36,000.
 Jack Starkenburg, 2% 10 da, \$1.90 hr.; \$30,400.
 V. Agnifilli and D'Eramo, 18% 10 da, \$2.00 hr.; \$32,000.
 Ryall Trucking Co., 2% 30 da, \$1.60 hour.

G. R. Haines, 11,527 Tuxford, Roscoe, 10% 10 da, \$1.59 hr.; \$27,040.
 N. George and A. Bin, San Francisco, 1 1/2% 20 da, \$1.95 hr.; \$31,200.
 Eastside Hauling Co., 5% 10 da, \$1.80 hr.; \$28,800.
 Santo Tedesco, 5% 10 da, \$2.25 hr.; \$36,000.
 Jos. Vlasco, 9 1/2% 10 da, \$2.00 hr.; \$32,000.
 Paul D. Lawrence, 16% 10 da; \$2.25 hr.; \$36,000. * 25

BIDS OPENED
 LOS ANGELES, Cal.—Bids for the RENTAL of 3 crawler type cranes without operators, for use on Los Angeles River, between Soto and 23rd Sts., opened by U. S. Engineer, Los Angeles. Bids were received on:

(1) 300 hrs. for RENTAL of one crawler type crane with 110-ft. boom;
 (2) 300 hrs. for RENTAL of one crawler type crane with 70-ft. boom;
 (3) 600 hrs. for RENTAL of two crawler type cranes with 70-ft. boom.
 Bert Prop. 231. The bids were:
 Bert Calvart (Northwest No. 6)—(1) \$4.75 hr.; total, \$1425; disc. 1% 20 days.
 Pacific Crane & Rigging Co.—(1) with wood jib, \$15 hr.; total, \$4500; with steel jib, \$17 hr.; (2) \$13 hr.; total, \$3,900 (Link-Belt K-55); net. * 25

CONTRACT AWARDED

LOS ANGELES, Calif. — Camillo Bros. Dump Truck Co., at \$38,280, disc. 2% 10 days, was awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 221, for the rental of six 10-cu. yd. water measure capacity dump body trucks, for use in Los Angeles County drainage area. * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Feb. 4, 11 a.m., bids will be received by the State Division of Highways, J. W. Vickrey, District Engineer, District 1, 546 W. Wash Ave., Eureka, for the rental of two only, 3-yd. dump trucks for 500 hours each, for use under power shovels for hauling gravel in District 1.
 Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing fourteen trucks for the City of Oakland:

Yellow Truck & Coach Mfg. Co., Oakland—(a) \$1413.27; (b) \$1403.07; (c) \$1459.99.
 International Harvester Co., Oakland—(a) \$1439.12; (b) \$1423.67; (c) \$1266.16.
 Chevrolet Motor Division General Motors Sales Corp., Oakland—(a) \$1589; (b) \$1308.
 Jos. Pierotti & Co., Oakland—(a) \$1065.57; (b) \$1059.07. * 25

BIDS OPENED

OAKLAND, Cal.—Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, at \$1285, submitted low bid to the City of Oakland Port Commission, foot of Grove St., Oakland, for furnishing one ten-ton used road roller.

Complete bids follow:
 Edward R. Bacon Co., 17th and Folsom Sts., S. F. \$1285
 San Bates Co., Oakland, \$1675
 Ariss-Knapp Co., Oakland, \$1950
 A. Soda & Son, Oakland, \$2000
 Knox-Hale Machinery Co., San Francisco \$2350 * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until Feb. 10, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1026-D, for furnishing and delivering line hardware and conductor fittings for 230-kilovolt switchyard at Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and/or Boulder City, Nev.
 Plans and specifications may be obtained from the above office. * 75

BIDS OPENED

OAKLAND, Calif.—Bill Wood Motor Co., Ltd., 3001 E. 14th St., Oakland, at \$2514.10, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 967, for furnishing five 1928 model Ford 85-hp. 1/2-ton commercial cars.
 Complete bids follow:
 Bill Wood Motor Co., Ltd., 3001 E. 14th St., Oakland, \$2514.10
 Deltz Motor Co. \$2690.00
 John Eagal \$2723.00
 Jos. Pierotti & Co. \$2779.15
 Raleigh R. Leach, Inc. \$2794.85
 Chester N. Weaver Co. \$2848.40
 David M. Rose \$2912.10
 Less E. Firestone \$2915.00
 Norman Wolf \$2975.56 * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until Feb. 14, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1027-D, for furnishing and delivering carrier-current telephone apparatus for Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and/or Boulder City, Nevada.
 Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

OWYHEE PROJ., Ore.-Ida.—Until February 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1025-D, for furnishing and delivering one direct pumping unit for Succor Creek pumping plant No. 2, Owyhee Project, Oregon-Idaho. Pumping unit will be installed by the Government; fob shipping point and/or Homedale, Idaho.
 Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN BERNARDINO, Cal.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 36514, Rec. No. 1490, for 8-ft. pneumatic tired leaning wheel grader; fob San Bernardino with trade-in allowance on Adams Grader: Weaver Rye (Cat. Mod. 33), \$1596.92; turn-in \$363.50; \$1233.42; 3 weeks delivery; disc. \$25; 30 days.
 Crook Co. (Allis-Chalmers No. 8), \$1277.50; turn-in, \$200, \$1077.50; 20 days delivery; 2% 30 days.
 J. D. Adams (Adams No. 84), \$1,636.30; turn-in \$300, \$1336.30; 22 days delivery; 2% 30 days.
 Brown-Bevis Co. (Austin-Western No. 8), \$1,450; turn-in \$240, \$1210.00; 14 days delivery; 2% 30 days.
 Smith Booth Usher (Galion No. 108) \$1375; turn-in \$115, \$1260; delivery in 15 to 18 days; 2% 30 days. * 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the rental of trucks and shovels for use in District X.
 Bids were taken on:
 (1) 3 c.y. dump truck;
 (2) 4 c.y. dump truck;
 (3) 2.5 to 1/2-c.y. truck shovel.
 Complete bids follow:

McReynolds Trucking Co., Oakland (2) (a) \$2.90; (b) \$2.40; (c) \$2.65.
 Rock and Gravel Trucking Co., Oakland, (1) (a) \$2.50; (b) \$2.10; (c) \$2.30; (2) (a) \$2.90; (b) \$2.40; (c) \$2.65; (3) \$4.75 per hour.
 Joe Volpa, Fresno: (2) (a) \$2.90; (b) \$2.40; (c) \$2.65; (3) \$5.25.
 C. W. Begunl, Millbrae, (2) (a) \$2.90; (b) \$2.40; (c) \$2.65.
 Pacific Truck Co., San Jose: (1) (a) \$2.50; (b) \$2.10; (c) \$2.30; (3) \$3.94.
 Claude C. Wood, Stockton: (2) (a) \$3.20; (b) \$3.20; (c) \$3.20.
 C. E. Huls, Merced: (1) (a) \$2.50 (b) \$2.10 (c) \$2.30; (2) (a) \$2.90 (b) \$2.40; (c) \$2.65; (3) \$4.00, \$2.50 per hour moving time * 25

BIDS WANTED

LOS ANGELES, Cal.—Until 3 p.m., Jan. 31, bids will be received by the U. S. Engineer, Los Angeles, for the RENTAL of 24 four-yd. water level capacity dump trucks, Circ. Prop. 247. Bids will be received on:
 (1) 8,000 hours for 8 trucks;
 (2) 16,000 hours for 16 trucks;
 (3) 24,000 hours for 24 trucks;
 Bid bond, 10%, must accompany bid. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of 48 four c.y. dump body trucks with drivers for use in Los Angeles County Drainage Area, Circ. Prop. 214, opened by U. S. Engineer, were: (all bids on eight trucks unless otherwise noted):

- H. B. Lightfoot, \$1.95 hour; total, \$15,600.
Geo. J. Beck Co., \$2.25 hour; total, \$18,000; 3% 10 days.
S. Edmondson & Sons, 16 trucks, \$2.40 hour; total, \$38,400; disc. 6 1/2% 10 days.
Claude Fisher Co., \$2.25 hour; total \$18,000.
Jos. Blasco, \$2 hour; total, \$16,000; disc. 4 1/2%; 20 days.
M. E. Hartman, \$2.05 hour; total, \$15,580; disc. 5%; 10 days.
Eastside Hauling Co., \$1.80 hour for 8 trucks; total, \$14,400; \$2 hour for 8 additional; total, \$16,000; disc. 7% 10 days.
G. R. Harris, Roscoe, \$2.05 hour; total, \$16,400; 5% 10 days.
J. F. Pierce, \$2.3275 hour; total, \$18,620; 5% 10 days.
Jack Starkenburg, \$2.25 hour; total \$18,000.
McReynolds Trucking Co., Oakland \$1.98 hour; total, \$15,840; 2% 30 days.
Santo Tedesco, \$2.25 hour; total, \$18,000.
G. & H. Truck Co., \$1.94 hour; total, \$15,520; disc. 10% 10 days.
J. F. Hinson and D. E. Jones, Pasadena, \$2.35 hour; total, \$18,800.
F. D. Oneal, Long Beach, \$2.25 hr.; total, \$18,000.
Edmondson & Rankin, \$2.25 hour; total, \$18,000.
Vernon Copeland, North Hollywood \$2 hour; total, \$16,000; disc. 6%, 10 days.
McKnight & McGrath, Nick Persacallo, Robt. E. Griffith and Vincent Angloffill and D. Deramo, identical bids \$2.25 hour; total, \$18,000.
W. L. Morgan, Pasadena, \$2.35 hr.; total, \$18,800.
Ryals Trucking Co., Pasadena, \$1.60 hour; total not stated; 2% 30 days.
Emmett O'Leary, \$2.03 hour; total, \$16,240.
John Crasbill, \$2.25 hour; total \$18,000; disc. 12%, 20 days. * 25

33 hour, total, \$36,000; disc. 2%, ten days.
Trueman Bowden Co., Ft. Peck, Mont.: (2) \$3 hour, total, \$36,000; disc. 1/2 of 1% 30 days; bidding on 6 1/2-yd. capacity trucks. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 219, for the rental of 2-yd. convertible shovel without operator, for Los Angeles County Drainage Area:
Oswald Bros. (Northwest 78), \$7.25 hour, total \$7250; disc. 1% 10 days.
Ray Schweitzer (Lorain No. 87), \$8.50 hour, total, \$8500; disc. 2% 10 days, subject to factory delivery. Deduct \$1 hour if only one attachment is required.
Pacific Crane & Rigging (Link Belt K-55), \$7.25 hour, total \$7250. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following bids were submitted to the U. S. Engineer, Los Angeles, under Circ. Prop. 217 for rental of two 2-yd. shovels without operators for use on Los Angeles River between 23rd and Soto Streets.
Items are:
(1) 1 shovel for 1000 hours;
(2) 2 shovels for 2000 hours.
The bids were:
R. E. Campbell: Dis. 2% 10 days; (1) \$6.85 hour; \$6850 total (Link-Belt K 48).
Ray Schweitzer: 1/2 of 1% 20 days; (1) \$10 hour, \$10,000 total (Lorain 87); factory delivery.
Oswald Bros.: 1% 10 days; (1) \$7.50 hour, \$7500 total (Northwest No. 78).
B. W. Kuhn: 1% 10 days; (2) \$6.90 hour, \$13,800 total (Northwest No. 80) all or none basis.
Pacific Crane & Rigging: (1) \$7.25 hour, \$7250 total (Link-Belt K-55). * 25

BIDS OPENED

SACRAMENTO, Cal.—Until Feb. 1, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1107-38-189, for the hire for 300 hours of Caterpillar tractors and scrapers for work along the Yuba River near Marysville, Cal.
Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

DENVER, Colo.—The following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1012-D, for furnishing and delivering (1) two 12-ft. by 7-ft. top-seal radial gates for the Siphon Drop power plant, Yuma Project, Ariz.-Calif.; and (2) two 10-ft. by 5-ft. top-seal radial gates for the Leasbury canal sluiceway, Rio Grande Project, New Mexico-Texas. Gates will be installed by the Government; job shipping point and/or railroad destination:
(1) American Bridge Co., Denver: (1) \$3218, wt. 15,340; (2) \$2111, wt. 6155; net; fob Gary, Ind.
Berkeley Steel Const. Co., Inc., Berkeley, Calif.: (1) \$1950, wt. 16,500; (2) \$990, wt. 7600; comb. 1 and 2, \$2900; 1/2%; fob Berkeley.
Warden Allen Co., Milwaukee, Wis. (1) \$1890, wt. 16,000; (2) \$1034, wt. 6700; net; fob Milwaukee.
The Thompson Mfg. Co., Denver: (1) \$2365, wt. 17,000; (2) \$1090, wt. 6900; 1/2%; fob Denver.
John W. Beam, Denver: (1) \$1935, wt. 16,000; (2) \$980, wt. 6700; Comb. 1 and 2, \$2745; 1/2%; fob Peotone, Ill.
The Smith Corp., doing business as General Iron and Steel Works, Portland, Ore.: (1) \$1736, wt. 17,000; (2) \$828, wt. 7000; net; fob Portland.

BIDS OPENED

LOS ANGELES, Cal.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 221, for the rental of six 10-c.y. water with measure capacity dump trucks with drivers for use in Los Angeles County drainage area.
Sudden Service, Inc.: (1) 3 trucks for 6000 hour, \$3.60 hour, total \$21,600; (2) 3 trucks for 12,000 hours, \$3.40 hour, total \$40,800; disc. 1%, 10 days.
Camillo Bros. Dump Truck Co., (1) \$3.28 hour, total, \$19,680; (2) \$3.19 hr., total, \$38,280; disc. 3%, 10 days.
Los Angeles Rock & Gravel Co., 6 1/2 to 7.13-yd. capacity trucks: (2)

BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-80, for furnishing and delivering (1) one gasoline engine driven reciprocating pump; f.o.b. Tennessee Point, Marin County; and (2) one gasoline engine driven centrifugal pumping unit, fob Fort Funston, San Francisco, Cal.
Westco Pump Sales Co., S. F.—(1) \$561.30; (2) \$545.50; 2% 10 days.
Fairbanks, Morse & Co., S. F.—(1) \$965; (2) \$523; net, 45 days.
Woodin & Little, Inc., S. F.—(1) \$1096; (2) \$493; 2% 30 days.
Winter Co.—(1) \$1152; net 45 days.
Worthington Pump & Machinery Corp., San Francisco—(1) \$1347.30; net; 30 days.
Gardner-Denver Co., San Francisco —(1) \$1128.69; (2) \$399.13; net 30 days.
Harron, Rickard & McCone Co., S. F.—(1) \$1155; (2) \$495; net 30 days. * 25

BIDS OPENED

CENTRAL VALLEY PROJ., Cal.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1013-D, for furnishing and delivering one trickling filter, consisting of a sewage distributor with dosing siphon and wood tank for installation in a sewage disposal plant at the Government camp as Shasta Dam, Central Valley Project. Apparatus will be installed by the Government; job shipping point and/or Redding, Calif.
International Filter Co., Chicago, \$2483, wt. 24,778 lbs.; 2%; fob Redding.
The Dorr Co., Inc., Los Angeles, \$2354, net; wt. 1438 lbs.; fob Denver; wt. 18,350 fob Oakland; wt. 3160 fob Los Angeles.
Robt. D. Simpson Co., Columbus Ohio, \$385, wt. 350; 2%; fob Redding. * 25

CONTRACT AWARDED

LOS ANGELES.—Eastside Hauling Co., 11,370 Pendleton Ave., Roscoe, at \$1.50 per hour, awarded contract by U. S. Engineer, Los Angeles, for the RENTAL of eight 4-c.y. dump body trucks with drivers; Circ. Prop. 214. * 25

BIDS WANTED

DENVER, Colo.—Until Feb. 10, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1029-D, for furnishing and delivering (1) one 10,000-pound capacity radial-gate hoist for the Siphon Drop power plant, Yuma project, Ariz.-Calif.; and (2) two 3000-lb. capacity radial gate hoists for the Leasbury canal sluiceway, Rio Grande Project, New Mexico-Texas. Hoists will be installed by the Government; job shipping point and/or railroad destination.
Plans and specifications may be obtained at the above office. * 25

BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-80, for furnishing and delivering (1) one gasoline engine driven reciprocating pump; f.o.b. Tennessee Point, Marin County; and (2) one gasoline engine driven centrifugal pumping unit, fob Fort Funston, San Francisco, Cal.
Westco Pump Sales Co., S. F.—(1) \$561.30; (2) \$545.50; 2% 10 days.
Fairbanks, Morse & Co., S. F.—(1) \$965; (2) \$523; net, 45 days.
Woodin & Little, Inc., S. F.—(1) \$1096; (2) \$493; 2% 30 days.
Winter Co.—(1) \$1152; net 45 days.
Worthington Pump & Machinery Corp., San Francisco—(1) \$1347.30; net; 30 days.
Gardner-Denver Co., San Francisco —(1) \$1128.69; (2) \$399.13; net 30 days.
Harron, Rickard & McCone Co., S. F.—(1) \$1155; (2) \$495; net 30 days. * 25

BIDS OPENED

CENTRAL VALLEY PROJ., Cal.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1013-D, for furnishing and delivering one trickling filter, consisting of a sewage distributor with dosing siphon and wood tank for installation in a sewage disposal plant at the Government camp as Shasta Dam, Central Valley Project. Apparatus will be installed by the Government; job shipping point and/or Redding, Calif.
International Filter Co., Chicago, \$2483, wt. 24,778 lbs.; 2%; fob Redding.
The Dorr Co., Inc., Los Angeles, \$2354, net; wt. 1438 lbs.; fob Denver; wt. 18,350 fob Oakland; wt. 3160 fob Los Angeles.
Robt. D. Simpson Co., Columbus Ohio, \$385, wt. 350; 2%; fob Redding. * 25

CONTRACT AWARDED

LOS ANGELES.—Eastside Hauling Co., 11,370 Pendleton Ave., Roscoe, at \$1.50 per hour, awarded contract by U. S. Engineer, Los Angeles, for the RENTAL of eight 4-c.y. dump body trucks with drivers; Circ. Prop. 214. * 25

29— STREETS AND HIGHWAYS

BIDS WANTED

PIMA COUNTY, Arizona.—As previously reported, until February 15, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading and placing crushed gravel surface course with bituminous treatment (light surface application) on 5.614 miles of highway, of which 0.019 mile is bridged over 20-ft. span, Federal Lands Highway, Route 5, Tucson - Ajo Highway, Papago Indian Reservation, Pima County, Arizona.
Work involves:

- 1) 11,250 c.y. unclass. excav.;
- 2) 870 c.y. do for structures;
- 3) 44,000 c.y. do for borrow;
- 4) 850,000 sta. yds. overhaul;
- 5) 5,000 lf. furrow ditches;
- 6) 25 M. sq. ft. obliteration of old roads;
- 7) 1,500 M. gals. watering;
- 8) 12,600 tons of crusher run top course;
- 9) 240 tons applying government furnished asph. material (Type SC-2), for bit. treatment;
- 10) 440 c.y. blotter material;
- 11) 698 c.y. concrete;
- 12) 84,700 lbs. reinforcing steel;
- 13) 0.5 MEFBM untreated timber;
- 14) 76 lf. corrugated galv. sheet metal pipe;
- 15) 22 lf. remove, clean and re-lay existing CMP;
- 16) 14 each, culvert markers;
- 17) 1 each, guide post.
- 18) force account, seeding slopes;
- 19) force account, remove and re-set telephone poles.

Plans and specifications may be obtained from the above office and from the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00.

BLUE PRINTS AVAILABLE

- SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announced the cost of blue prints now available for work for which bids will be opened, as noted below:
- *II-Y-Feeder—Between 1.4 Mi. N. of Bacchini's Corner and Route 88: PLANS (No. of Sheets), 10; cost, \$1.00; CROSS-SECTIONS (No. of Sheets), 69; cost, \$6.90; total, \$7.90.
- †VII-Ora-181-A—Bridg across the Santa Ana River: PLANS (No. of Sheets), 7; cost, \$1.00; CROSS-SECTIONS (No. of Sheets), 4; cost, \$0.40; total, \$1.40.
- ‡X-Nr-32-C—Bet. 1.7 Mi. east of Los Banos and easterly boundary: PLANS (No. of Sheets), 27; cost, \$2.70; CROSS-SECTIONS (Number of Sheets), 170; cost, \$17.00; total, \$19.70.

§XI-Imp-Feeder—Bet. New River and 2 Mi. W. of Callipatria and bet. 5 Mi. and 2 Mi. W. of Brawley: NONE.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Cal.

- *To be opened in Sacramento on February 9, 1938.
- †To be opened in Los Angeles on February 10, 1938.
- ‡To be opened in San Diego on February 11, 1938.

COMPLETE BIDS

MARICOPA and Yuma Cos., Ariz.—Fisher Contr. Co., Phoenix, at \$11,-932.81 submitted low bid to Arizona State Highway Department, Phoenix, for improvement of Phoenix-Yuma Highway, FA 56, 3rd resp. (1938) AFE 8082. The work, which is located about five miles west of Gila Bend, consists of grading and draining ½ mile of roadway and placing aggregate base course and oil mix using SC-3 road oil and is to be completed on or before April 30.

- Work involves:
- (1) 1,730 c.y. rdwy. excav., unclass.
 - (2) 2,469 c.y. drainage excav., do;
 - (3) 313 c.y. struc. excav., do;
 - (4) 2,742 sta. yds. overhaul;
 - (5) 2,393 c.y. imported borrow;
 - (6) 1,739 c.y. select material;
 - (7) 1,158 tons agg. base course;

- (8) 235 M. gals. sprinkling;
- (9) 72 hours rolling;
- (10) 114 c.y. Class A concrete;
- (11) 11,245 lbs. reinf. steel bars;
- (12) 54 ft. 24-in. CMP;
- (13) 64 ft. 36-in. CMP;
- (14) 6 each guide posts;
- (15) 863 tons oil mix;
- (16) 13,486 gals. road oil (SC-3) for oil mix and seal coat;
- (17) 10 tons screenings (type A);
- (18) 562 tons salvaging and stockpiling old oil mix;
- (19) 375 tons salvaging and stockpiling old oil mix.

- Total bids follow:
- (A) Fisher Contr. Co., Phoenix, \$11,-932.81.
 - (B) Martin Const. Co., Tucson, \$12,-160.12.
 - (C) Tiffany Const. Co., Phoenix, \$13,-142.35.
 - (D) Lewis Bros., Phoenix, \$15,551.26.
 - (E) H. J. Hagen, Globe, \$17,941.04.
 - (F) Phoenix-Tempe Stone Co., Phoenix, \$19,030.38.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	
(1) ..	\$.30	\$.40	\$.40	\$.49	\$.50	\$.62
(2) ..	.30	.30	.32	.38	.50	.45
(3) ..	.75	1.00	1.00	1.44	1.00	1.50
(4) ..	.02	.03	.04	.05	.05	.03
(5) ..	.29	.30	.40	.48	.50	.60
(6) ..	.30	.40	.44	.62	.70	.85
(7) ..	.55	.60	.90	.83	1.00	.95
(8) ..	1.50	2.00	2.00	3.00	3.00	3.75
(9) ..	3.00	3.00	3.00	3.25	10.00	3.50
(10) ..	23.00	20.00	22.50	26.95	30.00	32.00
(11) ..	.06	.06	.05	.095	.07	.07
(12) ..	3.00	3.00	2.60	3.80	3.50	4.00
(13) ..	5.50	5.00	5.00	4.95	6.00	7.00
(14) ..	3.00	3.00	3.00	1.00	4.00	2.50
(15) ..	2.00	2.00	2.10	2.00	4.00	4.50
(16) ..	.075	.06	.08	.088	.09	.07
(17) ..	3.75	3.00	5.00	4.60	5.00	5.00
(18) ..	1.15	1.50	.85	1.08	.50	.50
(19) ..	.90	1.00	.70	.95	.25	1.00

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Phoenix-Tempe Stone Co., P.O. Box 1465, Phoenix, at \$4359.60, awarded contract by the Phoenix City Commission for improvements to Ashland Ave., Phoenix.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—George French, Jr., P.O. Box 107, Stockton, at \$5245, awarded contract by the State Division of Highways, Col. Jno. H. Steggs, District Engineer, State Bldg., San Francisco, for 4.1 miles grading and surfacing with plant-mixed surfacing on crushed run base between Mountain House and Contra Costa County Line, Alameda Co., Calif.

COMPLETE BIDS

PHOENIX, Maricopa County, Ariz.—Phoenix - Tempe Stone Co., P. O. Box 1465, Phoenix, at \$2251.26 submitted low bid to the Phoenix City Commission for improvements to Fifth Avenue, Phoenix.

- The work involves:
- (1) 264 sq. yds. 3-in. plant mix oil process pave. (track area);
 - (2) 264 sq. yds. 2-in. aggre. base course pave. (track area);
 - (3) 264 sq. yds. grading under oil process pave. (track area);
 - (4) 945 sq. yds. 3-in. plant mix oil process pave;
 - (5) 945 sq. yds. grading 6-in. aggre. base course under oil process pave;
 - (6) 945 sq. yds. grading under oil process pave;
 - (7) 58 sq. yds. 6-in. cement concrete pave;
 - (8) 58 sq. yds. grading under 6-in. cement conc. pave;
 - (9) 600 sq. yds. parkway grading;
 - (10) 1840 sq. ft. 1-course cem. conc. walk, 4-in. trick;

- (11) 492 lf. comb. curb and gutter, detail E-1;
- (12) 36 lf. valley gutter, detail Z;
- (13) 62 lf. single curb, detail F-1;
- (14) 4 each adjusting valve boxes.

- Total bids follow:
- (A) Phoenix-Tempe Stone Co., \$2,-251.26.
 - (B) Arizona Sand & Rock Co., \$2,-274.04.
 - (C) Oswald Bros., \$2,642.35.
 - (D) W. E. Hall Const. Co., \$3,237.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1) ..	\$.57	\$.59	\$.70	\$.85
(2) ..	.15	.10	.25	.25
(3) ..	.22	.15	.30	.30
(4) ..	.57	.59	.70	.85
(5) ..	.23	.24	.25	.35
(6) ..	.22	.25	.30	.30
(7) ..	1.75	1.70	2.00	2.50
(8) ..	.25	.25	.30	.30
(9) ..	.08	.10	.12	.15
(10) ..	.16	.16	.18	.25
(11) ..	1.00	1.00	1.00	1.25
(12) ..	1.10	.78	1.00	1.25
(13) ..	.60	.55	.75	1.00
(14) ..	3.00	2.50	5.00	4.00

BIDS WANTED

SAN BENITO COUNTY, Calif.—Until February 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading, road mix surface treatment and applying Class B seal coat to 4.7 miles between Paicines and Tree Pinos, San Benito County.

- Work involves:
- (1) 248 sta. clear and grub;
 - (2) 200 M. gals. water;
 - (3) 126,000 c.y. rdwy. excav., unclass.
 - (4) 1,800 c.y. ditch and channel excavation;
 - (5) 2,050 cu. str. exc. excavation;
 - (6) 630,000 sta. yds. overhaul;
 - (7) 21,000 c.y. import borrow;
 - (8) 350 cu. y. imported rock filling material;
 - (9) 50 c.y. concrete, remove and dispose of;
 - (10) 253 sta. finishing rdwy.;
 - (11) 84,400 sq. yds. prepare, mix and shape roadbed;
 - (12) 88 tons liquid asph., SC-2, prime coat;
 - (13) 700 tons liquid asph., SC-4, road mix;
 - (14) 72 tons liquid asph., 90-95, seal coat;
 - (15) 830 tons screenings, seal coat;
 - (16) 180 cu. y. Class A Portland cement concrete struc.;
 - (17) 15,000 lbs. bar reinf. steel;
 - (18) 456 lf. 8-in. CMP;
 - (19) 1,542 lf. 18-in. CMP;
 - (20) 394 lf. 24-in. CMP;
 - (21) 142 lf. 36-in. CMP;
 - (22) 46 lf. 48-in. CMP;
 - (23) 297 lf. existing CMP culverts remove, clean and salvage;
 - (24) 116 lf. re-lay salvaged pipe;
 - (25) 5 each concrete joints;
 - (26) 5 each spillway assemblies;
 - (27) 5,600 lf. laminated guard railing;
 - (28) 60 each culvert markers;
 - (29) 237 each guide posts;
 - (30) 9.4 miles new property fences;
 - (31) 20 each drive gates;
 - (32) 64 each monuments complete in place.

The State will furnish CMP, hand couplers and spillway assemblies, etc.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Phoenix-Tempe Stone Co., P.O. Box 1465, Phoenix, at \$2251.26, awarded contract by the Phoenix City Commission for improvements to Fifth Avenue, Phoenix.

COMPLETE BIDS

PHOENIX, Maricopa County, Ariz.—Phoenix—Tempe Stone Co., P. O. Box 1465, Phoenix, at \$4359.60 submitted low bid to the Phoenix City Commission for improvements to Ashland Avenue, Phoenix.

The work involves:

- (1) 1810 sq. yds. 3-in. plant mix oil process pave;
- (2) 1810 sq. yds. 6-in. aggre. base course under 3-in. oil process pave;
- (3) 1810 sq. yds. grade under oil process pave;
- (4) 310 sq. yds. 6-in. cement conc. pavement;
- (5) 310 sq. yds. grade under 6-inch cement concrete pave;
- (6) 750 sq. yds. parkway grading;
- (7) 2900 sq. ft. 1-course cement concrete walk, 4-in. thick;
- (8) 1228 l.f. comb. curb and gutter, detail E-1;
- (9) 32 l.f. 8-in. plain concrete pipe;
- (10) 1 each monument cover, detail B;
- (11) 2 each gutter inlets, detail 6-A;
- (12) 2 each adjusting manhole covers.

Plans and specifications may be obtained from the City Engineer, Jas. Grand, Phoenix, upon deposit of \$5.

Total bids follow:

- (A) Phoenix-Tempe Stone Co., \$4,359.60.
- (B) Oswald Bros., Los Angeles, \$4,449.40.
- (C) Arizona Sand & Rock Co., \$4,451.58.
- (D) W. E. Hall Const. Co., \$5772.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	\$.57	\$.60	\$.60	\$.75
(2)	.23	.23	.25	.30
(3)	.22	.25	.24	.35
(4)	1.75	1.75	1.70	2.50
(5)	.25	.25	.24	.35
(6)	.08	.12	.10	.15
(7)	.16	.16	.16	.20
(8)	1.00	.95	1.01	1.25
(9)	.70	1.00	.75	1.00
(10)	15.00	20.00	17.00	15.00
(11)	4.00	45.00	26.00	30.00
(12)	12.00	6.00	2.50	5.00

CONTRACT AWARDED

COCONINO CO., Ariz.—J. A. Cason, Phoenix, and 319 Warren Street, Hayward, Cal., at \$62,570, awarded contract by the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, for placing bituminous treated crushed rock surfacing (Class F) on 14,605 sq. ft. of Section A1 and A2, of Rt. 1, and Sections A1, A2 and B, of Rt. 2, Grand Canyon National Park, Coconino Co., Ariz. • 29

BIDS WANTED

MERCED CO., Cal.—Until Feb. 4, 2 p.m., bids will be received by the Gustine Union High School District Board of Trustees, Hans N. Anderson, Clerk, Gustine, for the construction of certain concrete curbs, gutters, sidewalks and pipe lines on the high school site at Gustine, Cal.

Plans and specifications may be obtained from the High School Principal at Gustine or from W. E. Bedesen, Civil Engineer, Merced, upon a deposit of \$250. • 29

CONTRACT AWARDED

SAN JOAQUIN CO., Cal.—Fredrickson & Westbrook, P. O. Box 138, Lower Lake, at \$28,789 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with untreated crushed gravel or stone, 5.5 miles between Bacon Island Ferry and Mandeville Island Ferry, San Joaquin County. • 29

HONOLULU—STEEL CARS—(Govt.)

HONOLULU, T. H.—Bids for 300 special steel cars for Sea Coast Defenses, Insular Dept. (Schofield Barracks, Honolulu, T. H.), were opened by the U. S. Engineer, 214 Federal Bldg., Honolulu, Dec. 28. As previously noted, Kyle Steel Const. Co., Los Angeles, was the low bidder.

Bids were taken as follows:

- (1) 300 steel cars, as shown on drawing F1305 entitled "Container Carriage", delivered complete to Schofield Barracks, T. H.;
- (1aA) same, delivered fob plant of bidder;
- (1B) 300 steel cars, as shown on bidder's drawing, delivered complete to Schofield Barracks;
- (1C) same, fob plant of bidder;
- (1D) 300 cars, see notes below;
- (1E) 300 cars, see notes below.

The complete bids follow:

- (1) Islands Welding & Supply Co., Ltd., Honolulu, T. H.; net; accept; 20 days.
- (2) Grace Bros., Ltd., Honolulu, net; accept; 15 days.
- (3) The Leach Co., Oshkosh, Wis.; net; accept; 30 days.
- (4) Hawaiian Welding & Machine Co., Honolulu; net; accept; 60 days.
- (5) Hyman-Michaels Co., San Francisco; net; accept; 15 days.
- (6) Colson Equip. & Supply Co., Los Angeles; 2% 20 days; accept; 30 days.
- (7) General Engr. & Dry Dock Co., Oakland; net; accept; 30 days.
- (8) City Welding Shop, Honolulu; ¼ of 1% 10 days; accept; 45 da.
- (9) Honolulu Iron Works Co., Honolulu; net; accept; 10 days.

- (10) Treadwell Const. Co., Midland, Pa.; net; accept; 15 days.
- (11) A. Streich & Bros. Co., Oshkosh, Wis.; net; accept; 60 days.
- (12) Pacific Elec. Mfg. Corp., San Francisco, net; accept; 60 days.
- (13) Bethlehem Steel Co., San Francisco, ¼%; 25 days; accept; 60 days.
- (14) American Car & Foundry Co., New York; net; accept; 60 days.
- (15) Arthur J. O'Leary & Son, Chicago; 1/2 of 1% 10 days; accept; 60 days.
- (16) Kyle Steel Const. Co., Los Angeles, ¼ of 1% 10 days; accept; 30 days.
- (17) Madison Iron Works, Huntington Park; net; accept; 30 days.
- (18) Magor Car Corp., New York; net; accept; 30 days.
- (19) Pacific Car & Foundry Co., Seattle; net; accept; 30 days.
- (20) Duffin Iron Co., Chicago; net; accept; 30 days.
- (21) Pressed Steel Car Co., Honolulu; net; accept; 60 days.
- (22) W. A. Ramsay, Ltd., Honolulu, net; accept; 60 days.
- (23) Farnely Co., Newark, N. J.; 1/2 of 1% 10 days; accept; 10 days.
- (1) Delivery fob contractor's plant located east of Mississippi River—100 calendar days.
- (2) same, west of Mississippi River—120 calendar days.
- (3) Delivery fob contractor's plant located in Hawaii—140 calendar days.
- (4) Delivery fob Schofield Barracks, T. H.—150 calendar days.

	(1)	(1A)	(1B)	(1D)
(1)	\$61.75	\$18,525	\$60.90	\$18,270
(2)	69.70	20,910	62.55	18,765
(3)	88.00	26,400	70.00	21,000
(4)	54.50	16,350	.....	.....
(5)	95.84	28,746	84.00	25,200
(6)	.....	.....	43.20	12,960
(7)	.....	.....	73.2533	23,776
(8)	57.60	17,280	56.70	17,010
(9)	60.20	18,060	59.00	17,700
(10)	.....	.....	54.00	16,200
(11)	.....	.....	35.00	10,500
(12)	69.25	20,775	54.00	16,200
(13)	86.30	25,890	58.80	17,640
(14)	80.00	24,000	67.50	20,050
(15)	55.60	16,680	43.80	13,140
(16)	44.82	13,446	.....	.....
(17)	.....	.....	62.25	20,475
(18)	.....	.....	52.46	15,738
(19)	.....	.....	66.70	20,010
(20)	.....	.....	133.00	39,900
(21)	79.00	23,700	67.65	20,295
(22)	65.90	19,770	50.88	15,264
(23)	.....	.....	46.50	13,950

ITEM 1D) Bidder 17: steel cars as shown on Drawing F1305, fob Los Angeles, \$72; total \$21,600.

Bidder 21: steel cars as shown on Drawing F1305, except with alternate design of running gear as shown on drawing, delivered complete to Scho-

field Barracks, T. H., \$80.50; total \$24,150.

ITEM 1E)

Bidder 17: same as 1D) fob Honolulu, T. H., \$79.20; total, \$23,760.
Bidder 21: same as 1D) fob McKees Rock, Pa., \$69.15; total \$20,745.

CORRECTION IN LOW BIDDER

VENTURA COUNTY, Cal.—Macco Const. Co., 815 Paramount Building, Clearwater at \$75,862.25 submitted the low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for grading and paving with Portland cement concrete 0.7 mile at Big Sycamore Creek, Ventura Co.

George Bock Co., 1120 N. Las Palmas Ave., Los Angeles, at \$74,325.25 previously reported low bidder. Revised totals make Macco Const. Co. at \$75,862.25 low bidder, and George Bock Co., at \$75,923.75 second low. Other totals same as published January 24.

COMPLETE BIDS

SACRAMENTO, Cal.—McGillivray Constr. Co., P. O. Box 873, Sacramento, at \$2962.65, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 42nd Street from the southerly line of T Street to the northerly line of V Street, Sacramento, Cal.

Complete bids follow:
McGillivray Constr. Co., P. O. Box 873, Sacramento, \$2962.65
L. G. Lentz, 3127.25
J. R. Reeves, 3424.83
A. Teichert & Son, Inc., 3445.11
Unit prices published Jan. 24, 1938

Ventura County—Grading and Paving—(State)

VENTURA COUNTY, Cal.—George V. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, at \$74,325.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with portland cement concrete 0.7 mile at Big Sycamore Creek, Ventura Co.

Work involves:

- 1) 38 sta. clear and grub right of way;
- 2) 900 M. gals. water;
- 3) 1,200 c.y. remove concrete;
- 4) 45,000 c.y. rdwy. excav., unclass.;
- 5) 75 c.y. ditch and channel excav.;
- 6) 94,000 sta. yds. overhaul;
- 7) 65 c.y. struc. excav.;
- 8) 17,700 sq. yds. prepare subgrade;
- 9) 38 sta. finishing rdwy.;
- 10) 12 tons liquid asph., SC-2 prime coat;
- 11) 60 tons liquid asph. ROMC-4 or ROMC-5, plant mix surf.;
- 12) 1,150 tons mineral agg. plant-mix surf.;
- 13) 55 tons liquid asph., SC-2 should.ers;
- 14) 6,650 sq. yds. preparing, mixing and shaping should.ers;
- 15) 3,560 c.y. Class A Portland cement concrete pavement;

- (16) 7,200 each pavement dowels;
- (17) 13,500 lbs. bar reinf. steel;
- (18) 4 c.y. Class A Portland cement concrete struc.;
- (19) 850 c.y. rubble masonry;
- (20) 70 lf. 8-in. CMP;
- (21) 30 lf. 18-in. reinf. conc. pipe;
- (22) 140 lf. 24-in. reinf. conc. pipe;
- (23) 20 lf. of existing CMP remove, clean and relay;
- (24) 4 each spillway assemblies;
- (25) 6 each culvert markers.

Total bids follow:

- (A) Geo. J. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, \$74,325.25.
- (B) Macco Const. Co., Clearwater, \$75,872.25.
- (C) J. E. Haddock, Ltd., Pasadena, \$80,724.00.
- (D) Los Angeles Paving Co., Los Angeles, \$84,400.00.
- (E) Claude Fisher Co., Ltd., Los Angeles, \$84,496.00.
- (F) Geo. R. Curtis Paving Co., \$85,020.50.
- (G) United Concrete Pipe Corp., \$94,629.95.
- (H) Dimmitt & Taylor, Los Angeles, \$97,510.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1).....	\$ 5.00	\$15.00	\$10.00	\$ 7.00	\$10.00	\$ 5.00	\$10.00	\$10.00
2).....	1.00	1.00	1.50	1.70	1.75	.60	1.90	1.00
3).....	1.50	1.50	1.50	2.50	2.10	2.00	1.00	2.20
4).....	.52	.55	.58	.55	.55	.65	.77	.89
5).....	.75	1.00	1.00	.90	1.50	1.50	1.00	1.25
6).....	.01	.004	-.01	.01	.005	.01	.01	.01
7).....	1.00	1.25	1.50	1.20	2.00	1.25	2.25	1.25
8).....	.10	.05	.11	.18	.12	.12	.14	.11
9).....	5.00	10.00	10.00	5.00	10.00	5.00	10.00	10.00
10).....	10.00	11.00	10.75	22.00	10.00	11.00	14.00	8.00
11).....	15.00	14.00	12.75	12.60	14.00	14.00	14.00	13.60
12).....	4.00	3.00	3.10	3.00	3.65	3.95	4.00	2.20
13).....	10.00	10.00	9.00	9.00	8.00	9.25	12.00	8.00
14).....	.07	.06	.10	.07	.10	.07	.10	.07
15).....	8.00	7.65	8.90	8.65	9.25	9.90	10.07	9.59
16).....	.14	.15	.12	.15	.12	.14	.16	.13
17).....	.09	.07	.09	.09	.07	.07	.075	.08
18).....	25.00	30.00	35.00	24.00	30.00	30.00	30.00	
19).....	10.00	12.50	8.75	13.00	12.00	5.50	8.00	15.50
20).....	1.00	1.10	1.10	1.40	1.00	.70	1.00	
21).....	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.00
22).....	3.10	3.00	3.25	3.25	3.50	3.35	4.00	3.30
23).....	1.00	1.00	.50	.90	1.00	1.00	1.50	1.00
24).....	15.00	15.00	15.00	15.00	15.00	15.00	15.00	16.00
25).....	2.50	3.00	3.00	3.50	3.00	3.00	5.00	2.50

CONTRACTS AWARDED

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, Olympia, Wash., awarded the following contracts for bridge and highway construction:

Jefferson County: Clearing, grading, draining and surfacing of about 1.2 miles of Primary State Highway No. 8, Brinnon to Quilcene (Walker Mountain Section), Federal Aid Project No. 136-I, in Jefferson Co., Washington, involving about 30 acres of clearing, 231,490 c.y. of excav., 2,310 c.y. of shoulder material, 7,930 c.y. of crushed stone surfacing, 77 c.y. of concrete, 14,220 lbs. of steel reinforcing bars, 8,920 lf. of cable guard rail design No. 6, 5,200 lf. of half-round corrugated metal gutter, 1,675 lf. of pipe culverts and other items.

Awarded: Allen & Govan, Inc., Olympia—\$96,936.

Second and third low bidders: N. Fiorito, Seattle, \$99,426; Elliott & Co., Seattle, \$102,164.

Pacific County: Paving with Portland cement concrete and widening four concrete bridges of about 0.2 mile of Primary State Highway No. 12, Globe to Cramers Crossing, Bridge Widening, Federal Aid Project No. 131-F, in Pacific County, Wash., involving about 1,625 c.y. of excav., 1,096 sq. yds. of cement concrete pave-

ment, 794 c.y. of concrete, 155,230 lbs. of steel reinf. bars, 1,400 lin. ft. of precast concrete piling, 68 lin. ft. of pipe culverts, and other items.

Awarded: Warren Northwest, Inc., P.O. Box 5072, Portland, \$58,147.

Second and third low bidders: David Nygren, Seattle, \$61,550; M. P. Munter, \$64,479.

Adams County: Clearing, grading, draining, surfacing and stockpiling crushed stone on about 15.5 mi. of Primary State Highway No. 18, Sec. 1, Neppel to Adams County Line and Section 2, Burke to Neppel, State Project, in Grant County, Washington, involving about 347,710 c.y. of excav., 103,610 c.y. of ballast, 47,770 c.y. of crushed stone surfacing, 24 c.y. of concrete, 23 MPFBM of treated and 1 MPFBM of untreated timber and lumber, 1,968 lin. ft. of pipe culverts and other items.

Awarded: Warren Northwest, Inc., P.O. Box 5072, Portland, \$227,102.

Second and third low bidders: Roy L. Bair, Spokane, \$227,185; N. Fiorito, \$240,000.

Lincoln County: Manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on Primary State Highway No. 22, Davenport to Detillion Bridge, State Project, in Lincoln County, Wash., involving about 6,000 c.y. of crushed

stone surfacing and 2,500 c.y. of mineral aggregates (oil rock).

Awarded: F. R. Hewett, Spokane, \$8,925.

Second and third low bidders: Martene Bros., Spokane, \$9,775; Joslin & McAllister, Spokane, \$10,200.

Cowlitz County: Surfacing with crushed stone, manufacturing and stockpiling mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 15.0 miles of Secondary State Highway No. 1-R, Junction Primary State Highway No. 1—Easterly, State Project, in Cowlitz County, Wash., involving about 24,190 cubic yards of crushed stone surfacing, 3,115 cubic yards of mineral aggregates (oil rock), 370 tons of bituminous cement, and other items.

Awarded: E. C. Hall, Eugene, Ore., \$55,379.

Second and third low bidders: R. O. Dail and Warren, Aberdeen, \$56,210; Warren Northwest, Inc., \$58,379.

Whitman and Spokane Counties: Surfacing with crushed stone and constructing a light bituminous surface treatment on about 15.9 miles of Secondary State Highway No. 3-H, Tekoa to Fairfield, State Project, in Whitman and Spokane Counties, Washington, involving about 25,915 cu. yds. of crushed stone surfacing, 390 tons of bituminous cement, and other items.

Awarded: Carbon Bros., 1004 W. 23, Spokane, \$40,186.

Second and third low bidders: Standard Asphalt & Paving Co. and Ray L. Bair, Spokane, \$40,416; F. R. Hewett, \$45,913.

Thurston County: Manufacturing and stockpiling crushed stone surfacing and mineral aggregate (oil rock) on Secondary State Highway No. 5-1, Yelm-West, State Project, in Thurston County, Washington, involving about 5,440 cu. yds. of crushed stone surfacing and 1,220 cu. yds. of mineral aggregates (oil rock).

Awarded: Joslin & McAllister, E. 303 Trent, Spokane, \$9,063.

Second and third low bidders: R. O. Dail & Warren Bros., Inc., \$9,586; J. D. Shetwell, Tacoma, \$10,690.

Okanogan County: Surfacing with crushed stone, manufacturing and stockpiling mineral aggregates (oil rock) and constructing bituminous retreat surface and bituminous surface treatment road-mix type, class "B," on about 15.1 miles of Secondary State Highway No. 10-A, Mason City to Nespelem, State Project, in Okanogan County, Wash., involving about 13,670 cubic yards of crushed stone surfacing, 13,060 cubic yards of mineral aggregates (oil rock), 912 tons of bituminous cement, and other items.

Awarded: F. R. Hewett, W. 420 2nd, Spokane, at \$61,473.

Second and third low bidders: Standard Asphalt & Paving Co., Spokane, \$62,680; M. E. Nelson, Tonasket, \$65,936.

CONTRACT AWARDED

OAKLAND, Cal.—Heafey-Moore Co. 344 High St., Oakland, at \$33,975.58 was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for improvements to the Skyline Blvd., east of Redwood Road from Station 105 plus 43 to Station 193 plus 42, Oakland.

CONTRACT AWARDED

PHOENIX, Maricopa Co., Arizona.—Daley Corp., 4430 Boundary Street, San Diego, at \$31,369.50 (Alternate 1) was awarded contract by the Phoenix City Commission, for improvements to certain portions of 12th, 13th, 11th and 10th Avenues, and McKinley and Pierce Sts., Phoenix.

BIDS REJECTED

STATE OF WASHINGTON.—L. V. Furrow, Director of Highways, Olympia, Wash., rejected all bids for clearing, grading, draining and surfacing of about 5.1 mi. of Primary State Highway No. 9, Cook Creek Hill to Quinalt, Federal Aid Project No. 43-B, in Grays Harbor County, Wash. Homer Johnson, Imperial Hotel, Portland, at \$104,496, submitted low bid. * 29

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the Sacramento City Council, H. G. Denton, City Clk., City Hall, for the improvement of 42nd Street from the southerly line of T Street to the northerly line of V Street, Sacramento, Calif.

Work involves:

- (1) 28 l.f. No. 5 curb and gutter constructed;
- (2) 715 l.f. No. 6 curb and gutter constructed;
- (3) 52 l.f. curb alone constructed;
- (4) 1925 3/4-in. sidewalk;
- (5) 2 cast-iron drains No. 11 installed;
- (6) Two concrete manholes reconstructed;
- (7) 505 c.y. excav. grading;
- (8) 23 c.y. fill grading;
- (9) 48 l.f. 6-in. vit. iron sewer pipe;
- (10) 112 c.y. crushed run gravel for subbase;
- (11) 165 tons asphaltic concrete top pavement, 3 inches thick;
- (12) 28 l.f. old concrete curb and gutter No. 5 removed;
- (13) 87 l.f. hedge removed.

Bidders were:

- (A) J. R. Reeves, P.O. Box 1072, Sacramento.
 (B) A. Teichert & Son, Inc., P.O. Box 1113.
 (C) McGillivray Constr. Co., P. O. Box 873.
 (D) L. G. Lentz, 2548 41st St.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$0.90	\$1.10	\$1.00	\$1.00
(2).....	1.40	1.38	1.35	1.30
(3).....	.75	.50	.80	.60
(4).....	.185	.175	.18	.17
(5).....	11.00	12.50	10.00	10.00
(6).....	7.50	10.00	7.50	15.00
(7).....	.75	.95	.20	65.00
(8).....	.25	.20	.10	50.00
(9).....	.95	1.00	.85	75.00
(10).....	3.70	3.85	3.30	3.25
(11).....	6.25	5.95	5.55	5.75
(12).....	.30	.25	.30	.30
(13).....	.25	.10	.20	.10

* 29

30—RESERVOIRS & DAMS**TO START SOON**

PORTLAND, Ore.—Diking Sauvies Island at a cost to exceed \$1,000,000, will be started soon, according to Major S. L. Damon, District Engineer, Pittock Block, Portland, Oregon. About two-thirds of Sauvies Island will be included in district which will reclaim more than 14,000 acres. Dike 3 feet above crest of 1876 flood will be construction with 18-inch width at top. Dike will be so built that it will be possible to farm up to the top. River side will be riprapped wherever there is danger of washout. About \$500,000 will be available July 1st for construction work, balance to be provided later. 30

31—PIPE LINES & WELLS**CONTRACT AWARDED**

LA MESA, San Diego Co., Calif.—Shofner & Gordon, 3869 Medford St., Los Angeles, at \$109,702.21, awarded contract by the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, for the construc-

SAN FRANCISCO-OAKLAND BAY BRIDGE—CATENARY AND FEEDERS—(State)

SAN FRANCISCO and ALAMEDA COS., Calif.—Barrett & Hilt, 918 Harrison St., San Francisco, at \$370,283 (Proposal C), submitted low bid to State Dept. of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 900 Sansome St., San Francisco, for the construction of the catenary and feeders of the railway facilities of the San Francisco-Oakland Bay Bridge.

Work involves:

PROPOSAL A
CONTRACT R-10—Main Bridge and San Francisco Loop

- (1) Feeder cables at San Francisco substation;
- (2) Feeder cables at Island substation and the station;
- (3) W-4 tie station;
- (4) Island tie station building and equipment;
- (5) E-7 tie station;
- (6) 12 disconnect switches, 1200 amperes, Type K;
- (7) 18 disconnect switches, Type R, at San Francisco terminal and anchorage;
- (8) 5000 l.f. reinf. feeder cable;
- (9) Jumper cables at bridge expansion joints;
- (10) 15,000 lbs. misc. iron;
- (11) Overhead construction;
- (12) Power line to San Francisco terminal.

PROPOSAL B

CONTRACT R-21C—East Bay Yard
 (1) Feeder cables at Mole substation;

- (4) Yard tie station;

- (15) East End tie station;
- (16) 7 disconnect switches, 1200 amperes, Type H;
- (17) 6 disconnect switches, 1200 amperes, Type B-SPDT;
- (18) 3 disconnect switches, 1200 amperes, Type R;
- (19) Connections, 600-volt overhead, to contact rail;
- (20) 35,000 lbs. misc. iron;
- (21) Overhead construction;
- (22) Power line to inspection buildings.

Bids will be received from contractors properly prequalified therefor on any or all of the following proposals:

Proposal A: Covers Contract R-10 catenary and feeders, main bridge and S. F. loop, bidding items 1 to 12.
Proposal B: Covers Contract R-21C catenary and feeders, East Bay yard, bidding items 13 to 22.

Proposal C: Covers Contract R-10 and R-21C, catenary and feeders, main bridge and S. F. loop and East Bay Yard, bidding items 1 to 22.

Total bids follow:

- (A) Barrett & Hilt, 918 Harrison St., San Francisco — \$205,918 (Proposal A); \$196,575 (Proposal B), and \$370,283 (Proposal C).
 (B) Alta Electric & Mechanical Co., Inc., San Francisco—\$384,410 (Proposal C only).
 (C) Kenney Electric Co., San Francisco—\$394,920 (Proposal C only).
 (D) Radefinger Bros., San Francisco \$403,845 (Proposal C only).

Unit prices follow:

	(A)*	(A)†	(B)	(C)	(D)
(1).....	\$12,800.00	\$12,000.00	\$11,664.00	\$14,664.00	\$13,842.00
(2).....	14,400.00	13,500.00	12,300.00	12,843.00	13,298.00
(3).....	12,000.00	11,200.00	9,500.00	16,576.00	11,648.00
(4).....	3,000.00	2,900.00	22,500.00	27,314.00	27,937.00
(5).....	17,800.00	16,700.00	14,300.00	21,301.00	15,864.00
(6).....	550.00	500.00	400.00	460.00	378.00
(7).....	7,600.00	7,100.00	7,000.00	9,261.00	8,522.00
(8).....	.34	.32	.44	.18	.87
(9).....	30,000.00	28,000.00	32,000.00	35,810.00	27,450.00
(10).....	.34	.32	.43	.81	.54
(11).....	86,918.00	81,000.00	70,000.00	56,714.00	76,255.00
(12).....	8,000.00	7,500.00	25,000.00	6,649.00	7,120.00
(13).....	32,200.00	29,000.00	25,000.00	26,349.00	22,638.00
(14).....	22,200.00	20,200.00	17,000.00	20,808.00	15,934.00
(15).....	24,000.00	22,000.00	19,000.00	25,594.00	20,758.00
(16).....	700.00	700.00	430.00	457.00	458.00
(17).....	1,100.00	1,000.00	800.00	810.00	856.00
(18).....	1,300.00	1,200.00	1,250.00	1,659.00	958.00
(19).....	2,200.00	2,000.00	1,200.00	2,202.00	1,050.00
(20).....	.30	.28	.43	.81	.54
(21).....	84,875.00	75,683.00	91,000.00	52,497.00	90,696.00
(22).....	7,800.00	7,200.00	7,000.00	7,300.00	7,627.00

* Unit prices covering Proposal A and Proposal B.

† Unit prices covering Proposal C. * 26

tion of distribution pipe line replacements, Unit No. 2, PWA Docket 1469-2-Ds, located within the boundaries of said district. * 31

BIDS WANTED

SAN FRANCISCO.—Until Feb. 9, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 168, for the laying of 6 and 8-in. cast iron mains in 29th Avenue, Quintara Street to Pacheco Street, San Francisco.

Work involves:

- (1) 900 l.f. excav. and backfill for 8-in. and 6-in. pipe, trench 17 inches wide by 36 inches deep;
- (2) 15 c.y. additional excavation and backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 140 l.f. 8-in. bell and spigot cast iron pipe;
 - (b) 760 l.f. 6-in. bell and spigot cast iron pipe;
- (5) 1500 lbs. installing fittings, gate

valves, etc.;

- (6) 124 l.f. bell and spigot joints for pipe and fittings;

No item 7;

- (8) 48 3/4-in. screw taps installed;
- (9) 1000 l.f. 3/4-in. galv. iron service pipe installed.

Plans and specifications may be obtained at the cashier's office, 6th floor, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of \$5.00. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS**BIDS WANTED**

SAN FRANCISCO, Cal.—Until Feb. 9, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,065, for the construction of Section of Alameda sewer extension from Evans Avenue to Napoleon St., San Francisco. Estimated cost, \$50,000.

Work involves:

PROPOSITION "A"

- (1) 200 l.f. 3-compartment 7-ft. 6-in. by 10-ft. 0-in. reinf. concrete sewer, exclusive of piles;
- (2) 3 each, manholes on 3-compartment sewer;
- (3) 675 l.f. 12-in. VCP underdrain, covered with concrete or broken rock as directed;
- (4) 19 MFMB lumber in place for connection from reinf. concrete sewer to existing wood box sewer exclusive of piles;
- (5) 38,700 l.f. piles, below cut-off;
- (6) 240 l.f. standard guard rail (heavy type);

PROPOSITION "B"

- (1) 180 l.f. 3-compartment 7-ft. 6-in. by 10-ft. 0-in. reinf. concrete sewer, exclusive of piles;
- (2) 3 each, manholes on 3-compartment sewer;
- (3) 610 l.f. 12-in. VCP underdrain, covered with concrete or broken rock as directed;
- (4) 19 MFMB lumber in place for connection from reinf. concrete sewer to existing wood box sewer exclusive of piles;
- (5) 34,000 l.f. piles, below cut-off;
- (6) 240 l.f. standard guard rail (heavy type).

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 353, City Hall, upon deposit of \$10. * 32

BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until Feb. 1, 10 a.m., bids will be received by the Orange County Supervisors, Santa Ana, for constructing disposal sumps in West St. conservation basin, near West St. and Chapman Ave., Orange County. Specifications and plans may be obtained at the office of the engineer upon deposit of \$5. Certified check or bond, 5%. B. J. Smith, county clerk. The items are:

- (1) lump sum, furnishing one starter for 20-in. gravel sump, complete in place;
- (2) first 150 ft. of one 20-in. gravel packed sump between Elev. 96.00 and Elev. —54.00, complete in place;
- (3) additional 100 feet of one gravel packed sump betw. Elev. —54.00 and Elev. —154.00, complete in place;
- (4) furnishing two starters for 20-in. standard sump, complete in place;
- (5) first 150 ft. each of two 20-inch standard sumps between Elev. 96.00 and Elev. —54.00;
- (6) additional 100 ft. each of two 20-inch standard sumps between Elevation —54.00 and Elev. —154.00. Casing to be furnished by county. * 32

BIDS WANTED

HICKAM FIELD, T. H.—Until Feb. 17, 11 a.m., bids will be received by the Purchasing and Contracting Officer, Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, for the construction and completion of an outfall sewer line at Hickam Field, T. H.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. Checks payable to Finance Officer, Fort Shafter, T.H. * 32

34— PARKS AND PLAY-GROUNDS

Contract Awarded

SANTA MARIA, Santa Barbara Co., Cal.—Brisco Nursery, 1422 Monterey St., San Luis Obispo, at \$1,075, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and

HUMBOLDT COUNTY—BRIDGE CONSTR.—(State)

HUMBOLDT COUNTL, Cal.—E. E. Smith, 1636 "B" Street, Eureka, at \$36,917.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete slab bridge across Jordan Creek six miles south of Scotia, consisting of six 22-foot spans, one 24-foot span and one 15-foot span on concrete piers with steel pile foundations and grading and surfacing with plant-mixed surfacing approximately nineteen hundredths mile, Humboldt Co., Calif.

- Work involves:
- (1) only existing bridge to be removed and disposed of;
 - (2) 2.0 acres clear and grub;
 - (3) 2 each, remove and grub Redwood trees, Size 1;
 - (4) 3 each, remove and grub Redwood trees, Size 2;
 - (5) 3 each, remove and grub Redwood trees, Size 3;
 - (6) 2 each, remove and grub Redwood trees, Size 4;
 - (7) 2 each, remove Redwood trees, Size 1;
 - (8) 1 each, remove Redwood trees, Size 2;
 - (9) 1 each, remove Redwood trees, Size 3;
 - (10) 2 each, remove Redwood trees, Size 4;
 - (11) 1,100 c.y. roadway excav., without class;
 - (12) 100 c.y. channel excav.;

- (13) 7,500 c.y. import borrow;
 - (14) 300 c.y. struc. excav.;
 - (15) 11 sta. finishing roadway;
 - (16) 3.5 tons liq. asph., SC-1A (prime coat);
 - (17) 575 tons min. aggregate (plant-mix surf.);
 - (18) 25 tons liq. asph., SC-4 (plant-mix surf.);
 - (19) 82,000 lbs. bar reinf. steel;
 - (20) 28 c.y. Class A portland cement conc. footing blocks;
 - (21) 400 c.y. Class A portland cement conc. structures;
 - (22) 20 c.y. Class A portland cement conc. railing;
 - (23) 5,000 lbs. misc. steel;
 - (24) 1,440 l.f. furnish steel piles;
 - (25) 36 each, driving steel piles;
 - (26) 225 c.y. light riprap;
 - (27) 60 l.f. rock-filled timber crib;
 - (28) 3 each, monuments;
 - (29) 1 lot misc. items of work.
- Total bids follow:
- (A) E. E. Smith, 1636 B St., Eureka, \$36,917.00.
 - (B) Earle W. Heple, San Jose, \$38,403.75.
 - (C) Poulos & McEwen and M. A. Jenkins, Sacramento, \$38,756.25.
 - (D) Mercer-Fraser Co., Eureka, \$141,758.50.
 - (E) A. Soda & Son, Oakland, \$41,794.00.
 - (F) John Burman and Son's, Eureka, \$44,970.00.
 - (G) F. J. Maurer & Son, Inc., Eureka, \$45,319.25.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)....	\$200.00	\$500.00	\$200.00	\$180.00	\$800.00	\$454.00	\$1200.00
(2)....	400.00	400.00	400.00	300.00	800.00	450.00	650.00
(3)....	64.00	15.00	197.00	60.00	100.00	95.00	95.00
(4)....	125.00	25.00	265.00	100.00	300.00	150.00	150.00
(5)....	240.00	35.00	360.00	150.00	350.00	215.00	300.00
(6)....	350.00	45.00	460.00	250.00	300.00	350.00	430.00
(7)....	40.00	5.00	160.00	50.00	80.00	75.00	80.00
(8)....	90.00	15.00	210.00	75.00	250.00	110.00	150.00
(9)....	170.00	25.00	280.00	100.00	260.00	105.00	300.00
(10)....	250.00	35.00	400.00	150.00	260.00	275.00	430.00
(11)....	.40	.75	.80	.25	.60	.70	.70
(12)....	.50	.60	1.00	1.00	1.20	.75	.70
(13)....	.60	.60	.44	.45	.65	.65	.60
(14)....	4.00	6.00	5.00	4.00	5.50	15.00	7.00
(15)....	7.00	8.00	5.00	10.00	10.00	6.00	10.00
(16)....	40.00	28.50	23.00	35.00	40.00	48.00	30.00
(17)....	4.00	5.00	4.75	5.20	5.00	6.00	3.25
(18)....	23.00	25.00	22.00	25.00	24.00	25.00	30.00
(19)....	.06	.06	.0575	.06	.06	.0625	.06
(20)....	21.50	24.00	17.00	33.00	29.00	40.00	29.00
(21)....	24.50	24.00	24.00	33.00	19.00	29.00	55.00
(22)....	64.00	55.00	60.00	70.00	42.00	70.00	70.00
(23)....	14	20	.15	15	15	.15	.15
(24)....	2.00	2.25	1.70	1.50	2.00	1.70	2.60
(25)....	50.00	75.00	40.00	100.00	80.00	53.00	70.00
(26)....	5.00	6.00	3.50	6.00	5.00	3.00	3.50
(27)....	8.00	12.00	16.00	17.00	11.00	11.00	20.00
(28)....	5.00	3.00	3.00	4.00	3.00	2.00	4.00
(29)....	270.00	500.00	1375.00	900.00	1000.00	450.00	1000.00

planting the grounds of the U. S. Post Office at Santa Maria.

BIDS WANTED

SAN FRANCISCO—Until Feb. 4, (previously reported Feb. 2), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscaping, etc., at the United States Mint, DuBoce Ave. and Market Street, San Francisco.

SAN FRANCISCO CO. PERMITS UNDER \$1000

- ALTER factory, \$450; 152 Geary St.; owner, Nanny Meyerfeld, Russ Bldg.; contractor, Alfred P. Fisher, 111 Sutter St.
- SIGN, electric, \$70; 100 Seventh St.; owner, Jean Sajus, Prem.; contractor, Standard Neon Mfg. Co., 2600 18th St.
- BILLEBOARD, \$7; SE Silver and Na-

- ples; owner, West Coast Adv. Co., 1430 Divisadero.
- ALTER garage, \$150; 255 Ellis St.; owner, E. Waldthaler, 261 Ellis St.; contractor, John Casty and Son, 30 Alviso St.
- FLUES, \$45; E. 47th Ave., 300 N of Rivera; owner, Alfred E. Augenstein, Jr., Prem.; contractor, Excelsior Furnace & Sheet Metal, 22 Ocean Ave.
- ALTER store and dwelling, \$100; 105 Broad St.; owner, J. Colombo, Prem.
- ALTER flats, \$800; 3826 17th St.; owner, Mrs. Brady, c/o 117 Wawona; contractor, R. Lind, 54 Stanton St.
- ALTER dwelling, \$650; 208 Chattanooga; owner, J. Alpern, Prem.; contractor, Bay Bros., 682 42nd Ave.
- SIGN, electric, \$500; 884 Market St.; owner, Florsheim Shoe Co., Premises; contractor, Elec. Prod. Corporation, 910 Harrison St.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER flats, \$500; 1272-74 10th Ave.; owner, R. Maryland, 1251 10th Ave.

ALTER dwelling, \$500; 1840 Broadway; owner, Dr. A. Ferranti, Prem.; contractor, Pearson and Johnson, 2031 Bryant St.

SIGN, electric, \$500; 14 Powell St.; owner, Florsheim Shoe Co., Premises; contractor, Elec. Products Corp., 910 Harrison St.

FIREWALL, \$950; SE First & Howard Sts.; owner, Federated Metals Co., c/o Contractor; contractor, Barrett & Hilp, 913 Harrison St.; engineer, Robert A. Hanson, 608 Indiana St.

ALTER hotel and stores, \$350; NW Ninth and Mission; owner, D. M. Coghlan, 98 9th St.; contractor, G. E. Hohman, 762 Joost Ave.

ALTER pool room, \$200; 1604 Geary St.; owner, Chris Daquaglo, Prem.

ALTER dwelling, \$140; 230 Downey St.; owner, H. Reddick, 1470 11th Ave.; contractor, Berg Bros., 682 42nd Ave.

ALTER dwelling, \$150; 42 Lundy Lane; owner, Mendo Corp., 1136 Clement St.; contractor, E. A. Janssen, 1136 Clement St.

FLUES, \$45; E. 47th Ave., 275 N. of Rivera; owner, S. A. Schwartz, 305 Grant Ave.; contractor, Excelsior Furnace & Sheet Metal, 22 Ocean Ave.

SIGN, electric, \$90; NW Ellis and Taylor; owner, Shell Oil Co., Prem.; contractor, Elec. Products Corp., 910 Harrison St.

ALTER flats, \$250; 801 Baker St.; owner, M. Harris, 282 29th Ave.; contractor, Calvin S. Biggar, 1760 Ellis St.

SIGN, electric, \$100; 453 Columbus Ave.; owner, Guido J. Lenci, Premises; contractor, Wonderlite Neon Produ. Co., 170 Otis St.

ALTER dwelling, \$150; 875-77-79 Greenwich St.; owner, Sam Parroll, 3132 Franklin St.

SIGN, electric, \$150; 502 Ellis St.; owner, Chet Larsen, Prem.; contractor, Standard Neon Mfg. Co., 2600 15th St.

SIGN, electric, \$50; 1900 19th Avenue; owner, Ben Johnson, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, \$200; SW Ellis and Taylor Sts.; owner, Shell Oil Co., Prem.; contractor, Elec. Products Corp., 910 Harrison St.

ALTER dwelling, \$430; 1860 O'Farrell St.; owner, H. Markanton, 1160 O'Farrell St.; contractor, Luther M. Warda, 1182 Turk St.

FLUE, \$35; 1030 Grant Ave.; owner, J. Rosen, 2033 Hayes St.; contractor, M. Hilen, 446 Fulton St.

ALTER apartments, \$49; 686 Valencia St.; owner, N. M. Hansen, 620 Valencia St.; contractor, Fred M. Kimball, 128 Ninth Ave.

ALTER flats, \$480; 8 Seymour St.; owner, Harry and Bessie Gottrid, c/o Contractor; contractor, L. Salomon, 1734 Broderick St.

ALTER store, \$79; 447 Powell St.; owner, Coldwell, Cornwall and Banker, 57 Sutter St.; contractor, F. Kern & Sons, 517 Sixth St.

ALTER flats, \$200; 142 First Ave.; owner, Adele Cipollina, Fairmount Hotel; contractor, W. O. Purdy, 2944 Divisadero St.

ALTER dwelling, \$200; 475 16th Ave.; owner, H. F. Wood, Prem.; contractor, A. A. Alteration & Carpenter Shop, 3122 Geary Blvd.

SIGN, electric, \$150; 131 Powell St.; owner, Postal Telegraph, 22 Battery St.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SANTA CLARA COUNTY—GRADING AND SURFACING

SANTA CLARA CO., Cal.—Bodenhamer Constr. Co., 1101 75th Ave., Oakland, at \$71,873.77, submitted low bid to the State Division of Highways, Jno. H. Skeggs, Dist. Engineer, State Bldg., San Francisco, for grading, surfacing with gravel base, and applying armor coat to about 3.9 mi. between north line of Las Uvas Rancho and Croy Road, Santa Clara Co., Calif.

Work Involves: (1) clearing and grubbing right of way;

(2) 850 M. gals. water; (3) 134,557 cu. roadway excav., without class.;

(4) 300,000 sta. yds. overhaul; (5) 1,500 c.y. struc. excav.;

(6) 15 c.y. remove conc.; (7) 207 sta. finishing roadway;

(8) 11,500 c.y. gravel base; (9) 60 tons liq. asph., SC-1A;

(10) 125 tons liq. asph., 90-95; (11) 2,540 tons screenings;

(12) 27,800 lbs. bar reinf. steel; (13) 300 c.y. class A portland cement concrete struts.;

(14) 220 lf. 8-in. CMP; (15) 950 lf. 12-in. CMP;

(16) 540 lf. 15-in. CMP; (17) 250 lf. 18-in. CMP;

(18) 28 lf. 21-in. CMP; (19) 162 lf. 24-in. CMP;

(20) 42 lf. 36-in. CMP; (21) 185 lf. remove and relay exist. culvert pipe;

(22) 13 each, spillway assemblies; (23) 7.3 mi. new property fence;

(24) 12 each, fence gates.

Total bids follow:

(A) Bodenhamer Constr. Co., 1101 75th Ave., Oakland—\$71,873.77.

(B) Granfield Farrar & Carlin, San Francisco—\$73,244.25.

(C) J. L. Connor, Monterey—\$74,865.59.

(D) Crowe Bros. Construction Co., Los Angeles—\$78,774.35.

(E) Fredericksen & Westbrook, Lower Lake—\$78,957.33.

(F) Piombo Bros. & Co., San Francisco—\$79,305.82.

(G) Poulos & McEwen, Smith River—\$81,409.05.

(H) Hanrahan Co., San Francisco—\$81,663.46.

(I) Young & Son Co., Ltd., Berkeley—\$83,152.89.

(J) A. Teichert & Son, Inc., Sacramento—\$87,273.53.

(K) Pacific Truck Service, Inc., San Jose, and J. C. Karstedt, Watsonville—\$89,460.03.

(L) Chas. L. Harney, San Francisco—\$95,476.57.

(M) Earle W. Heple, San Jose—\$97,881.45.

(N) Union Paving Co., San Francisco—\$103,801.30.

(O) Guy F. Atkinson Co., San Francisco—\$104,879.55.

Unit prices follow:

Table with 11 columns (A) through (O) and multiple rows of unit prices for various construction materials and services.

ALTER hotel, \$350; 98 Embarcadero; owner, The Mises, Lowry, c/o Contractor; contractor, Phoenix-Simpton Co., 520 Sixth St. ALTER dwelling, \$320; 715 Arguello Blvd.; owner, Harry E. Schofield, Prem.; contractor, National Roofing & Siding Co., 2172 Market St. ALTER store, \$190; SW 45th Ave. and Balboa; owner, Peterson Bros., Prem.; contractor, John J. Furness, 854 47th Ave.

SAN LUIS OBISPO CO.—BRIDGE CONSTRUCTION—(State)

SAN LUIS OBISPO CO., Cal.—S. A. Cummings, 4170 Falcon Street, San Diego, at \$23,898, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a timber bridge across San Juan Creek about 38 miles east of Santa Margarita consisting of sixteen 19-ft. 0-in. spans on pile bents and grading and applying road-mix surface treatment to about 0.3 mi. of roadway, San Luis Obispo Co., Calif.

- (8) 5 tons liq. asph., SC-3 (prime coat);
- (9) 50 tons liq. asph., SC-3 (road-mix surf. treatment);
- (10) 30,000 lbs. bar reinf. steel;
- (11) 150 c.y. class A portland cement conc. struc.;
- (12) 61 MFEM untreated Douglas fir timber;
- (13) 11 MFEM treated Douglas fir timber, sheet piling;
- (14) 660 l.f. timber curb and railing;
- (15) 3,770 l.f. furnish treated Douglas fir piles;
- (16) 65 each, driving treated Douglas fir piles;
- (17) 54 c.y. class A portland cement concrete slope paving;
- (18) 78 l.f. 18-in. CMP;
- (19) 4 each, culvert markers;
- (20) 11 each, guide posts;
- (21) 0.7 mile new property fence;
- (22) 12 each, monuments;

- (23) 1 lot misc. items of work.
The State will furnish CMP, band couplers, etc.
- Total bids follow:
(A) S. A. Cummings, 4170 Falcon St., San Diego.....\$23,898.00
- (B) Valley Constr. Co., San Jose 24,916.00
- (C) Wm. T. Loesch and E. G. Perham, Los Angeles 25,129.00
- (D) Earle W. Heple, San Jose 25,616.00
- (E) Edward Green, L. A. 26,800.00
- (F) V. R. Dennis Constr. Co., San Diego 27,497.50
- (G) A. Soda & Son, Oakland 28,626.50
- (H) Rexroth & Rexroth, Bakersfield 28,634.50
- (I) R. R. Bishop, Long Beach 33,963.30
- (J) J. E. Burrell & Son, Long Beach 35,068.22

- Work involves:
- (1) 1 lot exist. bridge to be removed and disposed of;
- (2) 2,700 c.y. roadway excav., without classification;
- (3) 210 c.y. struc. excav.;
- (4) 40 c.y. ditch and channel excav.;
- (5) 2,900 c.y. import borrow;
- (6) 19 sta. finishing roadway;
- (7) 3,800 sq. yds. preparing, mixing

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	\$ 500.00	\$ 500.00	\$ 700.00	\$ 500.00	\$ 900.00	\$ 1000.00	\$ 1000.00	\$ 1000.00	\$ 900.00	\$ 431.00
(1).....	.35	.40	.45	.35	.30	.50	.40	.80	.72	.82
(2).....	1.00	3.00	1.50	1.00	1.00	.75	1.25	1.00	3.00	3.84
(3).....	1.00	3.00	1.50	1.00	1.00	.60	1.50	1.00	1.50	3.67
(4).....	.40	.45	.55	.40	.30	.36	.75	.40	.75	.87
(5).....	5.00	9.00	10.00	5.00	10.00	10.00	12.00	10.00	13.50	8.70
(6).....	.15	.15	.08	.10	.10	.07	.06	.10	.12	.20
(7).....	16.00	25.00	16.00	20.00	25.00	18.00	35.00	25.00	18.00	23.00
(8).....	16.00	20.00	14.00	20.00	20.00	17.00	22.00	17.50	18.00	25.30
(9).....	.05	.06	.055	.06	.06	.07	.06	.06	.06	.0612
(10).....	15.75	21.00	18.00	20.00	19.00	24.00	23.00	22.50	28.00	21.60
(11).....	85.00	72.00	74.00	70.00	90.00	76.00	70.00	86.00	95.00	107.50
(12).....	115.00	125.00	177.00	175.00	130.00	200.00	175.00	162.50	165.00	199.00
(13).....	2.75	3.00	2.50	2.50	3.00	4.00	3.00	3.00	3.00	4.65
(14).....	.90	.80	.75	.95	1.00	.85	1.00	.90	.80	1.105
(15).....	30.00	20.00	40.00	40.00	35.00	20.00	40.00	35.00	50.00	39.00
(16).....	16.00	20.00	18.00	20.00	19.00	24.00	22.00	30.00	25.00	34.70
(17).....	1.00	2.00	.75	3.00	1.00	.75	1.00	1.00	.60	4.14
(18).....	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	5.00	6.00
(19).....	2.50	3.00	3.00	2.50	3.00	3.00	3.00	3.00	3.00	5.50
(20).....	600.00	750.00	500.00	500.00	600.00	500.00	500.00	400.00	800.00	710.00
(21).....	3.00	3.00	3.00	3.00	3.00	3.00	3.50	5.00	3.00	7.00
(22).....	500.00	500.00	500.00	500.00	970.00	1000.00	700.00	500.00	2500.00	80.00

KERN HOSPITAL ADDITION, BAKERSFIELD

HOSPITAL BLDG. Est. Cost, \$250,000 EAST BAKERSFIELD, Kern County, Calif. Kern General Hospital. Four-story steel frame hospital wing to provide for 150 patients (concrete walls and floors, brick veneer exterior, tile roof, elevator, asphalt tile floor surfacing, tiled bathrooms, steam heat from cen-

tral plant). Owner—County of Kern. Architect—Chas. H. Biggar, 554 Halfway Bldg., Bakersfield. Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.

project will be readvertised in three weeks.

Bids were taken as follows: (1) General work; (2) plumbing; (3) heating and ventilating; (4) electric work; (5) elevator; (6) painting; (7) total.

As previously reported, all bids received Jan. 24 were rejected, and

Complete bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
J. Mayson.....	253,000	29,828	65,234	\$34,000	\$11,900	\$ 8,783	\$392,413
H. K. Thomas.....	\$241,900	\$26,200	\$96,670	28,000	10,987	9,058	396,107
Trewhitt-Shields & Fisher.....	238,500	26,717	67,545	35,252	18,894	9,329	396,237
Opperman & Co.....	229,900	30,550	76,049	37,480	12,500	12,400	398,879
Westcott & Hendricks.....	250,954	27,495	65,444	33,732	11,927	12,390	404,872
H. H. Hanson.....	240,000	31,151	77,500	38,545	12,500	14,000	413,696
R. E. Campbell.....	252,500	33,900	67,600	39,700	11,900	7,900	413,800
Henry Eissler.....	210,000	32,500	80,000	40,000	12,300	9,100	413,900
Lindgren & Swinerton.....	272,338	27,495	68,444	33,732	11,927	12,390	426,326
H. B. Nicholson.....	228,500	.....	.....	.....	.....	.....	.....

SAN DIEGO COUNTY—DISTRIBUTION PIPE LINE—(Dist.)

LA MESA, San Diego Co., Calif.—Shafner & Gordon, 3869 Medford St., Los Angeles, at \$109,702.21, submitted low bid to the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, for the construction of distribution pipe line replacements, Unit No. 2, PWA Docket 1469-2-Ds., located within the boundaries of the said district.

- installation of C I pipe and fittings;
- (2) 15,603 c.y. backfill for installation of C I pipe and fittings;
- (3) 3,962 sq. ft. oil road surf. to be removed and replaced for installation of C I pipe and fittings;
- (4) 3,470 sq. ft. cem. or asph. conc. pave. to be removed and replaced for installation of C I pipe and fittings;
- (5) 2,155 l.f. 12-in., class 250, C I pipe, complete in place;
- (6) 50 l.f. 12-in., class 150, C I pipe, complete in place;
- (7) 4,496 l.f. 8-in., class 250, C I

- pipe, complete in place;
- (8) 3,963 l.f. 8-in., class 150, C I pipe, complete in place;
- (9) 22,114 l.f. 6-in., class 250, C I pipe, complete in place;
- (10) 31,310 l.f. 6-in., class 150, C I pipe, complete in place;
- (11) 4,472 l.f. 4-in., class 250, C I pipe, complete in place;
- (12) 6,509 l.f. 4-in., class 150, C I pipe, complete in place;
- (13) 82,325 lbs. C I tees, angles, hydrant spacers and ells, reducers and other fittings, complete in place;
- (14) 6 11-2-in. hub end gate valves,

Bids were taken as follows:
PROPOSAL "A"
Distribution pipeline replacement project, Unit No. 2, complete, including furnishing of material:
(1) 16,398 c.y. unclass. excav. for

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

PANAMA CANAL.—Until Feb. 7, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3327, for furnishing supplies and materials, including:

Bolts, expansion bolts, machine screws, nuts, rivets, washers, pipe fittings, union, pipe straps, railing fittings, range boilers, bath tubs, waterclosets, lavatories, sinks, laundry rays, watercloset siphons, flush levers, shower fixtures, floor drains, pipes, metal valves, couplings, jack chain and manganese-bronze rods; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal.

PANAMA CANAL.—Until Feb. 4, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3328, for furnishing supplies and materials, including:

Structural steel angles, girder rails, joint bars, compromise bars, steel cross ties, rail clips, machine bolts, ring bolts, brass nuts, spring-steel sheets, drill rods, brass rods, cap screws, steel wood screws, phosphor-bronze wire, insulated steel safes, relief valves, door holders, brass turn-nutts, cupboard turns, sash pulley, file cleaners, varnish brushes, wooden desk trays, towel racks, glass shelves, playground balls, twines, brass paper fasteners, and bond paper; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials, as follows:

FEBRUARY 3, 10 A. M.:

BID NO. 4997: Screenings; fob Skyline and Lake Merced Blvd., San Francisco.

FEBRUARY 4, 10 A. M.:

BID NO. 5001: Reinforcing steel for girders, beams and fenders; fob Larkin and Beach Streets, San Francisco.

BID NO. 5003: C I water pipe, Y branches, sleeves and curves, fob Larkin and Beach Streets, San Francisco.

FEBRUARY 7, 10 A. M.:

BID NO. 5004: Complete mill work for 34th Ave. and Clement St., San Francisco.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until Feb. 4, 2 P. M., bids will be received by the Forest Service Regional Office, G. D. Huettis, Assistant Procurement Officer, 1025 Phelan Bldg., 760 Market St., San Francisco, for furnishing one deep well vertical turbine water pump, electric motor driven; fob the shipping point and/or Mt. Shasta, Calif.

WAR DEPARTMENT

FORT MASON, Cal.—Until Feb. 24, 10 A. M., bids will be received by the Constructing Quartermaster, Col. H. E. Pitz, Fort Mason, San Francisco, under Bid No. W 6616-38-6, for furnishing steel base cabinets with steel sub-bases, steel wall cabinets with glass doors, non-corrosive chemical resisting tops, work surfaces and seamless drawn sinkbowls for the laboratory, Letterman General Hospital, Presidio, San Francisco.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials, as follows:

FEBRUARY 1, 10 A. M.:

BID NO. 4987: Furnishing all reinforcing steel for reinforced concrete piles; fob Larkin and Beach Sts., San Francisco;

BID NO. 4990: Nails, bolts, steel, screws, hooks and asbestos fob 215 12th St., Sacramento.

FEBRUARY 3, 10 A. M.:

BID NO. 4992: Wall tie; fob 34th Ave. and Clement St., S. F.;

BID NO. 4993: 200 barrels of Portland cement; fob Oakland, Stanislaus County;

BID NO. 4994: 5400 gals. asph. emulsion; fob Oakland;

BID NO. 4995: Corrugated metal culvert pipe, couplers and bands; fob 215 12th St., Sacramento;

BID NO. 4999: 2750 l.f. C I water pipe; fob Sacramento;

BID NO. 5000: 6000 l.f. steel pipe; fob Sacramento.

FEBRUARY 4, 10 A. M.:

BID NO. 4996: Coil can, trough, safety switches, wire, outlets and panel board; fob 34th Ave. and Clement St., San Francisco.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Feb. 8, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-191, for furnishing and delivering Douglas fir lumber of various sizes; f.o.b. Rio Vista, Calif., and/or shipping point.

WAR DEPARTMENT

FORT LEWIS, Wash.—Until Feb. 3, 10 A. M., bids will be received by Major O. W. Humphries, Quartermaster, Fort Lewis, under Bid No. 488-38-30, for furnishing Clear Fir, Common Fir, Plywood, Red Oak flooring, nails, lathes, blades, cement, sheet iron, stove pipe, wire, etc.; fob Fort Lewis, Wash.

FORT MASON, Cal.—Until Feb. 7, 10 a.m., bids will be received by the Purchasing and Contracting Office, Fort Mason, San Francisco, under Bid No. 928-38-210, for repairing, placing in serviceable condition and furnishing all necessary parts for 76 typewriters and 4 adding machines. Machines are located at Warehouse D, Fort Mason, San Francisco, California, and may be seen between the hours of 8:00 a.m. and 4:00 p.m.

FORT MASON, Cal.—Until Feb. 3, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-208, for furnishing Douglas fir, Sugar pine, Ponderosa pine or White fir; fob Dock No. 1, Fort Mason, San Francisco.

U. S. FOREST SERVICE

SACRAMENTO, Cal.—Until Feb. 2, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-190, for furnishing 1000 feet of 3/4-in. hoisting rope; fob Rio Vista, Calif.

SACRAMENTO, Cal.—Until Feb. 1, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-188, for furnishing eight current meters; fob Sacramento.

GOVERNMENT ISLAND, Calif.—Until February 2, 2 P. M., bids will be received by the Forest Service Supply Depot, H. R. Marsh, Acting Supply Officer, Government Island, Oakland, under Bid No. 5429, for furnishing 48 Chevrolet governors; fob Government Island.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

February 1, 2:00 P. M.

BID NO. 5424—Purchase of new Le Tourneau (or equal) trailblower replacement parts, including lump sum trade-in allowance and/or cash off of use equipment; f.o.b. Glendale, Cal.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 2616—2 motor-driven hack saws for San Pedro; Feb. 4.

SCH. 2618—Motor-driven tool and cutter grinder for San Pedro, Feb. 4.

SCH. 2613—1 motor-driven armature banding machine for San Pedro, Feb. 4.

SCH. 2612—Motor-driven hollow chisel mortiser for San Pedro, February 4.

SCH. 2633—Machine type squaring shears for sheet metal with 24-in. gap power driven by electric motor for Mare Island, Feb. 4.

SCH. 2615—Motor-driven wood shaper for San Pedro, Feb. 4.

SCH. 2634—2 steering systems complete with all electrical and mechanical equipment for Mare Island, Feb. 3.

SCH. 2643—147,300 lbs. cast steel chain for east and west yards, Feb. 3.

SCH. 2644—121 carbon dioxide fire extinguishers for east and west yards, Feb. 4.

SCH. 2617—Motor-driven universal and tool grinder for San Pedro, Feb. 4.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Jan. San Francisco Building
Over \$1,576,000



Lowrie Paving Co. Low on Shasta Paving



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant*

in

San

Francisco!

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, Editor

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., FEBRUARY 5, 1938

No. 6

JANUARY S. F. BUILDING BEST SINCE AUGUST

Permits Total \$1,576,000; Frame Construction Shows Marked Gain

San Francisco contractors opened 938 by taking out 535 building permits for construction estimated to cost \$1,576,251, the largest building permit total since August, 1937 according to Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

Builders derived encouragement from the fact that 124 permits were taken out for frame construction costing \$815,540, the largest frame building total in recent months.

The building permit total for January, 1938, was larger than the totals for six months of 1937, and exceeded the January, 1937 total by more than \$300,000. This month's total was higher than totals registered in January, February, September, October, November and December of 1937.

Home Building Gains

"The fact that the bulk of the January total was made up of frame construction indicated a substantial increase in home building," according to Mr. Rosenblum. "Gains were registered in the Class C construction, frame building, alteration and Exposition classification as against January, 1937. The only drops were shown in the Class B and public building totals."

This month's total was the largest January total since 1933. It exceeded the January totals for 1932 and 1930, also, so that this month's total was the third largest January figure in the past 9 years.

It was exceeded by six months in 1937: five months in 1936; one month in 1935; one month in 1934; two months in 1933, and by no month in 1932.

Best Since May

The frame construction total was the highest in seven months. The last month to exceed the January, 1938 total was May, 1937. In that month permits were issued for frame construction estimated to cost \$1,010,076.

Frame construction totals for the

BARRETT & HILP AWARDED BRIDGE CATENARY WORK

SACRAMENTO, Feb. 2.—With the San Francisco terminal rising rapidly and the first spike ceremonially driven this week, the interurban railway system to cross the San Francisco - Oakland Bay Bridge moved another step toward completion today with award of the contract for catenary and feeders.

This portion of the work was let to Barrett & Hilp, 918 Harrison street, San Francisco, Director of Public Works Earl Lee Kelly announced.

The contract was awarded on Proposal C, for which Barrett and Hilp last week submitted a low bid of \$370,283. This schedule combines Proposal A, for catenary and feeders for the main bridge and San Francisco loop, and Proposal B, catenary and feeders for the East Bay yard.

Bids on the catenary and feeders originally were opened last October, were rejected and the contract re-advertised.

The catenary, or trolley wires, will supply motive power for the Southern Pacific and Key System trains operating across the bridge from San Francisco to Eastbay points.

intervening months follow: June, \$745,970; July, \$495,545; August, \$451,683; September, \$423,470; October, \$577,300; November, \$483,423; and December, \$452,725.

Following is the classified building permit total for January, 1938 and January, 1937, as compiled by Chief Clerk S. J. Rosenblum of the San Francisco Central Permit Bureau:

Class.	Jan., 1938		Jan., 1937	
	No.	Est. Cost	No.	Est. Cost
A		\$.....		\$.....
B	9	417,500	11	97,000
C	124	815,540	118	563,126
Frames	397	242,741	372	221,795
Alter.				
Sub-total.....	530	\$1,475,781	504	\$1,172,521
Public	2	\$ 34,623	1	\$ 52,854
U. S. Govt.				
1939 Exp... ..	3	65,847		
Total	535	\$1,576,251	505	\$1,225,373

LOWRIE PAVING LOW BIDDER ON CAMP CONTRACT

S. F. Firm Bids \$45,491 for Shasta Camp Facilities, Street Construction

The Lowrie Paving Company, San Francisco, at \$45,941.10, yesterday submitted the low bid to the U. S. Bureau of Reclamation for construction of street, driveway and sidewalk grading and surfacing and sewer and water systems for the Government camp at Shasta Dam.

The award of the contract will be another step toward construction of the Shasta Dam portion of the Central Valley Project. Bids for construction of a by-pass tunnel have been called for February 21, and bids for construction of the dam are expected to be asked in March.

Pacific States Const. Co., at \$57,756.10, submitted the second lowest bid on the project, followed by A. Soda and Son, at \$58,865.

Other bidders were: W. J. Tobin, \$61,856.60; G. J. Stebbin Const. Co., \$63,303.27; Earle W. Heple, \$64,533.75; R. P. Easley, \$64,977; N. M. Ball Sons, \$64,982.20; Lee J. Immell, \$66,501.40; Johnson, Inc., \$77,467.75 and Bebek and Brkich, \$84,989.40.

G. J. Stebbin Construction Co. of Klamath Falls, Oregon, was the only out-of-state bidder.

Unit prices on the contract for construction of street, driveway and sidewalk grading and surfacing, and sewer and water systems for the Government camp at Shasta Dam were submitted on 43 items.

Principal items included: 8,000 cubic yards of common excavation; 14,670 cubic yards of excavation and backfill; 17,550 lineal feet of sewer pipe of various sizes; 16,485 cubic yards of excavation ad backfill for trenches of various sizes; 18,500 lineal feet of timber curb boards; 36,100 gallons of liquid asphalt; and 1,440 cubic yards of screenings of various grades. red lead were 812 tons.

\$760,000 Additional City Work Ready For Proposals During Next Three Months

Bids on four projects estimated to cost approximately \$760,000 will be called shortly, San Francisco Department of Public Works officials said yesterday following the announcement that plans were completed for two jobs, and were being prepared on the balance.

The four projects are additions to the list of jobs estimated to cost about \$1,000,000 which last week were reported in Daily Pacific Builder.

Bids on all jobs but one should be called within the next three months, according to officials. This means that about \$1,700,000 worth of work will be put out for bids by the end of April unless unforeseen difficulties arise.

Hassler Health Home
The largest job involves construction at Hassler Health Home. Plans are in the course of preparation, according to City Architect Charles H. Sawyer.

The project, which is the first large job in the hospital improvement program financed by the bond issue approved November 2, involves construction of the following: a ward building; a doctors' dwelling; nurses' residence; children's unit; dining room; five cottages for patients; and a service building.

The work is estimated to cost approximately \$313,000.

Plans and specifications for construction of a boys' and girls' gymnasium and athletic field at George Washington High School have been completed and forwarded to the State Architect for approval, Mr. Sawyer said yesterday. Bids will be called as soon as the State Architect's approval is obtained.

The job is estimated to cost about \$300,000.

PWA Application

The George Washington High School project is one of several included in an application for a PWA grant about a year and one-half ago. The application was unsuccessful. The Lowell High School boys' gymnasium and the initial units of San Francisco Junior College were also included in the application.

Construction of the athletic field will include considerable grading, and the construction of bleachers, Mr. Sawyer said. The gymnasium will be a standard two-story building.

Plans for construction of a primary digester and miscellaneous equipment for the Richmond-Sunset Sewage Treatment Plant in Golden Gate Park have been completed and sent to the local PWA regional office for approval, according to Bureau of Engineering officials.

Sewer Bond Funds

The work is estimated to cost about \$80,000. It will be financed with funds from the sewer bond issue of 1933 and a PWA grant.

SALES OF LEAD, ZINC PIGMENTS DECLINE IN '37

1936 Was Best Year Since
1929, Bureau of Mines
Advance Figures Show

Sales of lead and zinc pigments in 1937, with one or two exceptions, showed consistent recession from the record for 1936, which was the best year these pigments had enjoyed since 1929, according to preliminary figures of the Bureau of Mines. Zinc pigments made a somewhat better showing than lead pigments, in contrast to the several immediately preceding years when lead pigments fared better than zinc.

Litharge sales almost equalled those of 1936, which, in turn, were only slightly lower than the high record of sales made in 1929. Sales of white lead, however, fell 14 per cent; those of dry white lead dropping 5 per cent and those of white lead in oil 17 per cent. Red lead sales were 11 per cent lower than in 1936. The production of basic lead sulphate has increased considerably in the past several years but much of the increased tonnage has been for the manufacture of leaded zinc oxide and the amount so used has been eliminated in order to avoid duplication of metal content in reporting statistics for leaded zinc oxide. Approximately 2,400 tons of basic lead sulphate were used to increase the lead content of leaded zinc oxide in 1936 and a considerably higher tonnage was used for that purpose in 1937.

Of the zinc pigments leaded zinc oxide substantially maintained the high record of sales established in 1936, while sales of zinc oxide fell 10 per cent. The decrease in zinc oxide sales is accounted for by a sharp drop in sales of French process oxide, for sales of American process oxide registered a small increase. The manufacture of zinc oxide from scrap materials declined in 1937. Lithopone sales in 1937 were two per cent lower than in 1936.

Sales of zinc sulphate increased in 1937, and the indications are that sales of zinc chloride also were higher. Satisfactory totals for zinc chloride, however, are not available.

As sales declined sharply in the last two months of the year it is probable that production and shipments for the year exceeded the quantities reported herein.

The most important items in foreign trade in lead and zinc pigments for the first 11 months of 1937 were as follows: Exports of white lead (dry and in oil) amounted to 1,165 short tons in the first 11 months of 1937, exports of litharge were 1,329 short tons and of

The huge exhibit buildings of the 1939 Golden Gate International Exposition were pre-fabricated on the ground and erected in sections.

NEVADA ROCK, SAND CO. BIDS NYE CONTRACT

Reno Firm Low at \$41,872
For 8.8-Mile Highway
Project

CARSON CITY, Nev., Feb. 2.—Nevada Rock & Sand Co. Inc., Reno today submitted low bid to the Nevada State Highway Directors for construction of about eight and eight-tenths miles of highway in Nye county.

Amount of the low proposal was \$41,872.

Isbell Construction Co. of Reno was second low bidder with a proposal of \$44,345. Crow Brothers Construction Co. of Los Angeles, submitted the third low at \$47,177.

Major Bidding Items

The contract involves, among others, major items of 48 acres clearing; 66,730 cubic yards roadway excavation; 12,517 cubic yards imported borrow; 117,354 station yards overhaul; 6069 yard miles overhaul; 1180 cubic yards backfill; 4720 pounds reinforcing steel; 110 cubic yards concrete, Classes A and B; 2494 linear feet of corrugated metal pipe in sizes varying from 18- to 36-inch; and 8.34 miles finishing roadway.

The project is 8.83 miles in length and is located between Beatty and the east boundary of Death Valley National Monument, Route 58, Section A, in Nye county.

No award of contract was made at today's meeting, according to State Highway Engineer Robt. A. Allen. Bids were taken under advisement.

Plans were prepared under the direction of City Engineer John J. Casey.

Bids will be taken under two propositions. Proposition B omits heating plant equipment and piping. Available funds will determine the proposition under which the contract will be awarded, according to specifications.

Preparation of plans for the widening and reconstruction of Third street between Channel and Howard streets has just begun, it was announced. The job is estimated to cost about \$67,000. The work involves reducing sidewalks from fourteen to ten feet with the construction of a seven-foot concrete parking strip adjacent to the curb. Bids will probably not be called for about three months.

BUREAU TRACES PWA PURCHASES OF IRON, STEEL

**\$465,000,000 Spent to Supply
PWA Projects in Four-
Year Period**

Iron and steel products to the extent of \$465,552,370 worth were purchased from industrial concerns to supply PWA projects during the four years between June, 1933, and June, 1937, a report from the Bureau of Labor Statistics of the Department of Labor disclosed this week. (The figure does not include purchase of machinery.)

A breakdown of material orders originating with PWA projects showed the \$465,552,370 figure going for the various types of iron and steel products. This amount is part of the \$1,708,685,535 which the Bureau found was pumped into industrial orders by PWA during the four years surveyed.

Placing of these material orders had a strong reviving effect upon industry, the Bureau found. Much employment was created in industrial plants supplying materials for PWA construction. Analyzing the results of PWA orders upon industrial employment, the Bureau reported that for every man-hour of employment on the site of a PWA non-Federal project, two-and-a-half times as much work was created "behind the lines" in industry.

Structural Steel

By far the largest item of iron and steel purchased for PWA projects was structural and reinforcing steel. A total of \$172,096,054 was spent for this commodity. For general steel works and rolling mill products not otherwise classified, a total of \$92,254,582 was spent. Third largest purchase was cast-iron pipe and fittings, which were ordered in the amount of \$50,659,530. A table showing the breakdown of iron and steel products (exclusive of machinery) follows:

Iron and steel and their products, not including machinery	\$465,552,370
Bolts, nuts, washers, etc.....	5,256,431
Cast-iron pipe and fittings	50,659,530
Doors, shutters, window sash and frames, molding and trim (metal).....	18,569,855
Firearms	813,468
Forgings, iron and steel	7,447,642
Hardware, Miscellaneous	15,217,683
Heating and ventilating equipment	43,293,846
Nails and spikes.....	2,280,486
Rail fastenings, excluding spikes	6,747,133
Rails, steel	22,864,574
Springs, steel	629,141
Steel-works and rolling-mill products, not elsewhere classified	92,254,582
Stoves and ranges, other than electric	794,326
Structural and reinforcing steel	172,096,054
Switches, railway	1,000,818
Tools, other than machine tools	6,072,593
Wire products, not elsewhere classified	9,273,027

COAST LUMBER OUTPUT SHOWS SLIGHT GAINS

A total of 149 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending January 22, produced 71,400,325 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 45.3 per cent of its average weekly cut during 1926-29.

The new business reported taken last week by the 149 mills was 74,797,489 board feet. Shipments were 66,823,958 feet.

Details of orders and shipments as reported by the 149 mills are:

	Orders	Shipments
Rail	37,013,445	31,591,658
Domestic		
Cargo	26,562,394	23,224,017
Export	6,017,903	6,804,536
Local	5,203,747	5,203,747

74,797,489 66,823,958
Production, orders and shipments shown in the report are all somewhat larger than the totals reported by these mills for the previous week. At this time last year, with most of the tidewater mills not operating because of the marine closure, production and shipments reported about the same as in the current week. Orders, however, were considerably higher in volume at this time last year, according to the association.

Wrought pipe	10,261,176
--------------------	------------

In a four-year analysis of the impact of the PWA program on industry, the Bureau of Labor Statistics found that tremendous employment, heretofore "invisible", had been created in industry because of PWA material orders. Because of industrial activity in supplying materials for non-Federal PWA projects, the Bureau found that more than one and a third billion man-hours of private employment had been created in industrial plants, in addition to the site employment.

Direct Employment

The one and a third billion man-hour figure represents only the heretofore "invisible" employment benefit and is in addition to the 1,423,183,000 man-hours of direct construction site employment created by PWA non-Federal projects. It is exclusive of both the indirect and construction site employment of the PWA Federal construction program for which approximately half of the PWA funds were expended.

The "invisible" employment benefits of PWA were created in the production of raw materials for PWA construction; in the transportation of these raw materials from forest and mine to factories and mills and the transportation of the finished products to the construction site and the fabrication, and distribution handling of the finished products.

MARKET STREET WIDENING JOB OUT FOR BIDS

**Proposals Open Feb. 16; Minor
Floor Contracts Are
Advised**

Director William H. Worden of the San Francisco Department of Public Works yesterday called for bids for widening and reconstructing Market street between 11th and Gough streets.

Bids will be opened February 16. The work consists of reducing sidewalk widths on both sides of Market street from twenty-two to twelve feet. Twelve-foot concrete parking strips will be constructed adjacent to the curbs.

To Cost \$22,000

The job is estimated to cost approximately \$22,907, according to City Engineer John J. Casey under whose supervision plans and specifications were prepared.

The widening will extend from Eleventh to Brady street on the south side of Market street, and from Van Ness to Haight street on the north side.

Unit prices will be submitted on twenty-four items. Principal items include: 1450 lineal feet of stone curb reset; 6300 pounds of new cast iron pipe and specials; 800 cu. yds. of asphaltic concrete wearing surface removed; 12,500 sq. ft. of 8-inch Class "E" concrete pavement; 7500 square feet of 6-inch Class "E" concrete base; 920 tons of asphaltic concrete base course; 760 tons of asphaltic concrete wearing surface; and 5500 square feet of two-course concrete sidewalk.

Director Worden also issued two calls for informal bids, both to be opened February 9. The jobs are: laying Mastipave in kitchen at Sunnyside School; and sanding the floor in Room 1 in the Veterans' building.

Structural Steel Bookings Increase

New business booked by the structural steel industry during 1937 totaled 1,628,641 tons, an increase of slightly more than one per cent over the previous year, according to final reports received by the American Institute of Steel Construction.

Shipments in 1937 were larger, amounting to 1,660,570, which was 59.2 per cent of normal (normal being the yearly average for the period 1928-31 inclusive).

Shipments in December were 46.3 per cent of normal as contrasted to an average 59.2 per cent for the whole year. New business booked in December was in an amount nearly equal to what the industry booked in February, 1937, but over ten per cent below the yearly average.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
527	Doupnik	McFarland	1000
528-9	Blum	Owner	3000
530	Burke	Delucchi	3000
531	Calvary	Kelly	4000
532	Ledbetter	Porter	2000
533	Lindsay	Owner	3500
534	Morris	Owner	4000
535	Morris	Owner	4500
536	Cowell	Wilhelm	1200
537	Crosetti	Coburn	2000
538	Pacific Finance	Martin	1700
539	Schwartz	Owner	3000
540	Stemples	Elkington	1500
541	Arco	Owner	3500
542	Groom	Olliva	4000
543	Mills	Owner	1800
544	Oyster	Owner	5000
545	Rousseau	Owner	6500
546	Rousseau	Owner	4000
547	Sharman	Owner	7500
548	Sharman	Owner	7500
549	Thompson	Andersen	1415
550	Gillette	Owner	2000
551	Leibo	Miller	1500
552	Metropolitan	Daley	8000
553	Mitchell	Miller	1500
554	Regal Amber	Fair Mfg.	1240
555	Vogel	Owner	9000

ALTERATIONS

(527) 2115 TURK ST. Alter dwelling.
Owner—F. E. Doupnik, 60 Federal Street.
Contractor—Jas. A. McFarland, 624 Second Ave.
Architect—Not Given. \$1000

DWELLING

(528) S HALE 100 W Merrill. One-story and basement frame dwelling.
Owner and Builder—Joe Blum, 212 Silliman St.
Architect—Not Given. \$3,000

(529) S HALE 125 W Merrill. One-story and basement frame dwelling.
Owner and Builder—Joe Blum, 212 Silliman St.
Architect—Not Given. \$3,000

DWELLING

(530) N 30th ST. 155 E Castro St. One-story and basement frame dwelling.
Owner—Walter L. Burke, 433 Valencia Street.
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave.
Architect—Not Given. \$3,000

DWELLING

(531) W 19th AVE. 47 N Judah St. One-story and basement frame dwelling.
Owner—Calvary Meth. Church, 19th Ave. and Judah St.
Contractor—Kelly and Newton, 1434 Lawton Street.
Architect—Not Given. \$4,000

DWELLING

(532) N JAMESTOWN 140 E Ingalls. One-story and basement frame dwelling.
Owner—Rose Ledbetter, 2775 Lombard Street.
Contractor—D. Porter, 72 Commercial.
Architect—Not Given. \$2,000

DWELLING

(533) S PARADISE 221 E Elk. One-story and basement frame dwelling.
Owner and builder—C. T. Lindsay, 820 Taraval St.
Architect—Not Given. \$3,500

DWELLING

(534) E 30th AVE. 50 S Ulloa. One-story and basement frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—D. E. Jaekle, 120 Post St. \$4,000

DWELLING

(535) E 30th AVE. 25 S Ulloa. One-story and basement frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—D. E. Jaekle, 120 Post St. \$4,500

ALTERATIONS

(536) 109-11 WASHINGTON Street. Alter warehouse.
Owner—Cowell Lime & Cement Co., 2 Market Street.
Contractor—A. W. Wilhelm, 666 Mission Street.
Architect—Not Given. \$1200

ALTERATIONS

(537) NW WASHINGTON St. and Columbus Ave. Alter restaurant.
Owner—H. Crosetti, 620 Washington
Contractor—Ira W. Coburn, 2048 Market Street.
Architect—A. R. Williams, 251 Post Street. \$2,000

ALTERATIONS

(538) 928 VAN NESS AVE. Alter office.
Owner—Pacific Finance Co., 928 Van Ness Avenue.
Contractor—Wm. Martin, 666 Mission.
Architect—Martin A. Sheldon, Monadnock Bldg. \$1,700

DWELLING

(539) W 46th AVE. 25 N Rivera. One-story and basement frame dwelling.
Owner and Builder—S. A. Schwartz, 305 Grant Ave.
Architect—Not Given. \$3,000

ALTERATIONS

(540) 320 FELL ST. Alter factory and store.
Owner—Geo. Stemples, 320 Fell St.
Contractor—G. J. Elkington, Jr., 33 Sutro Heights.
Architect—Not Given. \$1500

DWELLING

(541) S. OLIVER, 27 W BRUNSWICK. One-story and basement frame dwelling.
Owner—Arco Bldg. Co., 5401 Mason St.
Architect—Not Given. \$3500

DWELLING

(542) N. THOGA, 200 E RUTLAND. One-story and basement frame dwelling.
Owner—Wm. Groom, 542 Vienna St.
Contractor—J. Olliva, 542 Vienna St.
Architect—Not Given. \$4000

ALTERATIONS

(543) 220 MONTGOMERY ST. Alter office building.
Owner—Mills Estate, Inc., Mills Bldg.
Engineer—A. Toriggino, 1110 Mills Bldg.
Architect—Not Given. \$1800

ALTERATIONS

(544) 30 KEARNY ST. Alter restaurant.
Owner—Oyster Loaf, Inc., Prem.
Architect—Not Given. \$5000

APARTMENTS

(545) SE TURK AND CHABOT TERR. Three-story and basement frame apartments.
Owner—Oliver M. Rousseau, 321 Kearny St.
Engineer—Jas. M. Smith, 251 Kearny St.
Architect—H. C. Baumann, 251 Kearny St. \$65,000

DWELLING

(546) S. TURK, 75 W CHABOT TERR. One-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$4000

FLATS

(547) N. GREENWICH, 42 E OF PIERCE ST. Two-story and basement frame flats.
Owner—Thomas R. Sharman, 3700 Broderick St.
Architect—Not Given. \$7500

FLATS

(548) NE GREENWICH & PIERCE STS. Two-story and basement frame flats.
Owner—Thomas R. Sharman, 3700 Broderick St.
Architect—Not Given. \$7500

ALTERATIONS

(549) 1040 LEAVENWORTH ST. Alter apartments.
Owner—F. Thomson, 40 Urbano Dr.
Contractor—Charles Andersen, 150 Granville Way.
Architect—Not Given. \$1415

DWELLING

(550) NE LA SALLE AVE, 300 NW BOALT. One-story frame dwelling.
Owner—Ray Gillette, 450 La Salle Ave.
Architect—Not Given. \$2000

ALTERATIONS

(551) 1455 19TH AVE. Alter dwelling.
Owner—L. Leibo, Prem.
Contractor—Miller & McGillis, 4444 Geary Blvd.
Architect—Not Given. \$1500

ALTERATIONS

(552) 1148 HARRISON ST. Alter Laundry.
Owner—Metropolitan Laundry Co., Prem.
Contractor—Daley Bros., Burlingame.
Engineer—Geo. Cotterill, 201 Sansome St., San Francisco.
Architect—Not Given. \$8000

ALTERATIONS

(553) 1321 19TH AVE. Alter dwelling.
Owner—Kathrine Mitchell, Prem.
Contractor—Miller & McGillis, 4444 Geary Blvd.
Architect—Not Given. \$1500

ALTERATIONS

(554) 675 TREAT AVE. Alter storage building.
Owner—Regal Amber Brewing Co., Prem.
Contractor—Fair Mfg. Co., 617 Bryant St.
Architect—Not Given. \$1240

DWELLING

(555) N. GEARY, 69 E OF COOK. Two-story frame dwelling and store.
Owner—Edgar Vogel, 3601 Geary St.
Architect—Chas. F. Strothoff, 2274 15th St. \$9000

ALAMEDA COUNTY

70. Owner	Contractor	Amt.
90 Welch	McLeod	6000
91 Bell	Johnson	4900
92 Northbrae	O'Brien	4000
93 Home Loan	Gabriel	4000
94 Moore	Flagg	4200
95 Pac. G. & E.	Phoenix	4000
96 Plombo	Marietti	5000
97 Goodspeed	Walker	3000
98 Gross	Gross	3500
99 Conrad	Watson	3500
00 Cross	Henrietta	3000
01 Kaiser	Osincup	3500
02 Barraque	Coburn	1000
03 Standard	Imp.	1200
04 Hyde	Jones	3675
05 Dubeau	Owner	2500
06 Haller	Owner	6000
07 Hill	Owner	4000
08 Hill	Owner	3500
09 Holm	Owner	3500
10 Cooney	Studebaker	1300
11 Catucci	Owner	25000
12 Fruehling	Waldman	3750
13 Held	Alexander	2750
14 Krause	Rodning	4000
15 Nelson	Thrams	1850
16 Appldorn	Boodt	1000
17 Berk. Guar.	Mason	1000
18 Simmons	Owner	1500
19 Union Oil	Lewis	4000

DWELLING
 (590) 1241 HOLMAN ROAD, OAKLAND. One-story 6-room dwelling.
 Owner—K. and Mary Welch, 730 Hill-girt Circle.
 Contractor—W. A. McLeod, 2430 Durant Ave., Berkeley.
 Architect—Not Given. \$6000

DWELLING
 (591) 125 FAIRLAWN, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—Prof. Bell, 1357 Queens Rd.
 Contractor—R. F. Johnson & Son, 560 36th St., Oakland.
 Architect—Not Given. \$4500

REPAIRS
 (592) 941 ALAMEDA, BERKELEY. Repair fire damage.
 Owner—Northbrae Community Ch., Alameda and Los Angeles.
 Contractor—Floyd O'Brien, 315 14th St., Oakland.
 Architect—Not Given. \$4000

DWELLING
 (593) 4429 HYACINTH AVENUE, OAKLAND. One-story 5-room dwelling.
 Owner—Home Loan Security Co., 1447 Franklin St.
 Contractor—Walter N. Gabriel, 1447 Franklin St.
 Architect—Not Given. \$4000

DWELLING
 (594) 3365 HERRIER ST., OAKLAND. One-story 5-room dwelling.
 Owner—Allen Movtl, Prem.
 Contractor—A. J. Flagg, 3743 Loma Vista.
 Architect—Not Given. \$4200

ALTERATIONS
 (595) 5 S. 20TH ST., 125 W BROADWAY, OAKLAND. Sidewalk vault alterations.
 Owner—Pacific Gas & Electric Co., 1625 Clay St.
 Contractor—Phoenix-Simpton Co., 520 6th St., San Francisco.
 Architect—Not Given. \$1000

DWELLING
 (596) 5909 CANNING ST., OAKLAND. One-story 5-room dwelling.
 Owner—Nick Plombo, 1525 Peralta St.

Contractor—Charles Marietti, 1201 Stannage Ave., Berkeley.
 Architect—Not Given. \$5000

DWELLING
 (597) 555 SANTA ROSA, BERKELEY. Two-story 3-room frame dwelling and garage.
 Owner—Florence Goodspeed, 551 Santa Rosa Ave., Berkeley.
 Contractor—J. M. Walker, 401 Spruce St., Berkeley.
 Architect—Not Given. \$3,000

DWELLING
 (598) 512 BOYNTON, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—M. B. Gross, 1418 San Pablo Ave., Berkeley.
 Contractor—H. B. Gross, 1418 San Pablo Ave., Berkeley.
 Architect—Not Given. \$3,500

DWELLING
 (599) 3287 WISCONSIN ST., OAKLAND. One-story 5-room dwelling.
 Owner—Louis V. Conrad, 3726 Vir-den Ave., Oakland.
 Contractor—Wm. Watson, 4750 Mel-don Ave., Oakland.
 Architect—Not Given. \$3,500
 Also 1-story garage, \$250.

SERVICE STATION
 (600) 4500 TELEGRAPH AVE., OAKLAND. One-story steel service station.
 Owner—A. R. Cross, Mills Tower Bldg., San Francisco.
 Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco.
 Architect—Not Given. \$3,000

DWELLING
 (601) 2925 BONA ST., OAKLAND. One-story 5-room dwelling.
 Owner—Julius Kaiser, 2842 Fruitvale Ave., Oakland.
 Contractor—Osincup & Kaiser, 1065 Victoria Ave., San Leandro.
 Architect—Not Given. \$2,500

REPAIRS
 (602) 1550 MADISON ST., OAKLAND. Fire repairs.
 Owner—J. P. La Barraque.
 Contractor—Ira Coburn, 2048 Market St., San Francisco.
 Architect—Not Given. \$1,000

SERVICE STATION
 (603) 1701 14th AVE., OAKLAND. One-story steel service station.
 Also 1-story steel comfort station, Owner—Standard Oil Co., 1201 Financial Center Bldg.
 Contractor—Independent Iron Works 821 Pine Street.
 Architect—Not Given. \$1,200
 \$500.

DWELLING
 (604) 1230 COLUSA, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—Mrs. F. K. Hyde, 2721 Vir-ginia.
 Contractor—S. W. Jones, 5829 Law-ton Ave., Oakland.
 Architect—Not Given. \$3675

DWELLING
 (605) N. LYNDE ST., 75 E SUNSET, OAKLAND. One-story 4-room dwelling.
 Owner & Builder—R. J. Dubeau, 3359 Foothill Blvd.
 Also 1-story garage, \$350.
 Architect—Not Given. \$2500

DWELLING
 (606) 19 MANDANA CIRCLE, OAKLAND. Two-story 6-room dwelling.
 Owner & Builder—Paul H. Haller, 6221 Buena Vista Ave.
 Architect—Not Given. \$6000

DWELLING
 (607) 3210 PARTRIDGE AVENUE, OAKLAND. One-story 6-room dwelling.
 Owner & Builder—Frank R. Hill, 3215 Fruitvale Ave.
 Architect—Not Given. \$4000

DWELLING
 (608) 5100 UTAH ST., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Frank R. Hill, 3215 Fruitvale Ave.
 Architect—Not Given. \$3500

DWELLING
 (609) 10825 BEVERLY AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—A. L. Holm, 10601 Beverly Ave.
 Also 1-story garage, \$150.
 Architect—Not Given. \$3500

ALTERATIONS
 (610) 120 OAKMONT AVE., PIED-MONT. Alterations
 Owner—Mrs. Cooney, Prem.
 Contractor—Scott M. Studebaker, 259 E. 12th St.
 Architect—Not Given. \$1300

ROCK-CRUSHING PLANT
 (611) 4401 CLEMENT ST., OAKLAND. Rock-crushing plant.
 Owner & Builder—J. Catucci, 1212 18th Ave.
 Also 1-story office, \$500.
 Architect—Not Given. \$25,000

DWELLING
 (612) 5616 EDGERLY ST., OAKLAND. One-story 5-room dwelling.
 Owner—H. Fruehling, Prem.
 Contractor—A. E. Waldman, 5409 Foothill Blvd.
 Also 1-story garage, \$200.
 Architect—Not Given. \$3750

SERVICE STATION
 (613) 1520 CYPRESS ST., OAKLAND. One-story steel service station.
 Owner—Joseph Held, Pacific Bldg.
 Contractor—Fred D. Alexander, 358 17th St.
 Also 1-story steel comfort sta., \$250.
 Architect—Not Given. \$2750

DWELLING
 (614) 3997 LYMAN ROAD, OAKLAND. One-story 5-room dwelling.
 Owner—Peter S. Krause, 530 12th Street.
 Contractor—K. O. Rodning, 430 Foot-hill Blvd.
 Architect—Not Given. \$4000

ALTERATIONS
 (615) 442 MERRITT AVE., OAKLAND. Alterations to apart-ments.
 Owner—Conrad Nelson, Prem.
 Contractor—C. H. Thrams, 28 Home Place.
 Architect—Not Given. \$1850

ALTERATIONS
 (616) 1058 HARVARD RD., PIED-MONT. Alterations to 1-family residence and garage.
 Owner—Dr. H. Appldorn, 1058 Har-vard Rd., Piedmont.
 Contractor—Jacob Boodt, 2300 San Antonio Ave.
 Architect—Not Given. \$1000

ALTERATIONS
 (617) 3101 BENVENUE, BERKELEY. Alterations.
 Owner—Berkeley Guaranty Bldg. & Loan, 2101 Shattuck.
 Contractor—Mason-McDuffie Co., Prem.
 Architect—Not Given. \$1000

DWELLING
 (618) 1124 CEDAR, BERKELEY.

One-story 4-room frame dwelling.
 Owner & Builder—Wm. E. Simmons,
 1126 Cedar.
 Architect—Not Given. \$1500

SERVICE STATION
 (619) 1331 HARRISON ST., OAK-
 LAND. One-story steel service
 station.
 Owner—Union Oil Co. of Calif., 220
 Montgomery St., San Francisco.
 Contractor—Lewis & Clark, Califor-
 nia Bldg.
 Architect—Not Given. \$4000

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
245	O'Connor	Lindberg	14073
245	Pac. Fin.	O'Mara	
246	Pac. Fin.	Beaumont	740
247	Pac. Fin.	Decker	678
248	Pac. Fin.	Walter	544
249	Pac. Fin.	Martin	1756

RESIDENCE
 (245) SW CORNER CLARENDON
 AVENUE AND TWIN PEAKS
 BLVD. Two-story frame and
 stucco residence (7 rooms).
 Owner—J. Francis and Ethel M.
 O'Connor, 780 21st Ave.
 Architect—Harold G. Stoner, 35 Vi-
 cente.
 Contractor—C. Lindberg, 1 Naylor.
 Filed Jan. 27, '38. Dated Jan. 18, '38
 Floor joists in.....\$2814
 Sheathing.....2814
 Brown coat plaster.....2815
 Completion.....2815
 Usual 35 days.....2815
TOTAL COST, \$14,073.00
 Limit, 110 days.

1510 26TH AVE. Repair fire dam-
 age to dwelling.
 Owner—E. R. Jones, Prem.
 Contractor—All-American Builders,
 Inc.
 Filed Jan. 26, '38. Dated Jan. 24, '38.
 Payments on completion.
TOTAL COST \$2940
 Specifications filed.

FELL AND BAKER STS. Install
 tile floor and wainscot at hos-
 pital.
 Owner—Southern Pacific Co., 65 Mar-
 ket St.
 Contractor—Mangrum, Holbrook and
 Elkus, Golden Gate and Hyde.
 Filed Jan. 26, '38. Dated Jan. 20, '38.
 75% completion.
 Bond, \$2174.50. Surety, U. S. Fidelity
 & Guaranty Co. Limit, 28 days. Plans
 and specifications filed.
 25% usual 35 days.

PLUMBING WORK
 (245) 928 VAN NESS AVE. Plumb-
 ing work for stores.
 Owner—Pacific Finance Corp. of
 Calif.
 Architect—Martin A. Sheldon.
 Contractor—O'Mara & Stewart, Ltd.
 Filed Feb. 1, '38. Dated Jan. 21, '38
 Completion.....\$153
 Usual 35 days.....52
TOTAL COST, \$205.00
 Plans and specifications filed.

MECHANICAL EQUIPMENT
 (246) 928 VAN NESS AVE. Me-
 chanical equipment in store in
 connection with modified air con-
 ditioning system.
 Owner—Pacific Finance Corp. of
 Calif.
 Architect—Martin A. Sheldon.
 Contractor—Beaumont Furnace and
 Sheet Metal Works.
 Filed Feb. 1, '38. Dated Jan. 21, '38
 Completion.....\$555
 Usual 35 days.....185
TOTAL COST, \$740

Bond, \$740. Surety, Natl. Auto. Ins.
 Co. Plans and specifications filed.

ELECTRICAL WORK
 (247) 928 VAN NESS AVE. Elec-
 trical work in store.
 Owner—Pacific Finance Corp. of
 Calif.
 Architect—Martin A. Sheldon.
 Contractor—Decker Elec. Const. Co.
 Filed Feb. 1, '38. Dated Jan. 21, '38
 Completion.....\$508
 Usual 35 days.....170
TOTAL COST, \$678.00
 Bond, \$678. Surety, New York Casu-
 alty Co. Plans and specifications
 filed.

LAY LINOLEUM
 (248) 928 VAN NESS AVE. Lay
 store linoleum.
 Owner—Pacific Finance Corp. of
 Calif.
 Architect—Martin A. Sheldon.
 Contractor—D. N. & E. Walter & Co.
 Filed Feb. 1, '38. Dated Jan. 21, '38
 Completion.....\$408.12
 Usual 35 days.....136.04
TOTAL COST, \$544.16
 Bond, \$544.16. Surety, Hartford Ac-
 cident & Indemnity Co. Limit, Five
 days. Plans and specifications filed.

ALTERATIONS
 (249) 928 VAN NESS AVE. Alter
 store.
 Owner—Pacific Finance Corp. of
 Calif.
 Architect—Martin A. Sheldon.
 Contractor—William Martin.
 Filed Feb. 1, '38. Dated Jan. 21, '38
 75%—15th each month.
 25%—usual 35 days.
TOTAL COST, \$1756.80
 Bond, \$879. Surety, New Amsterdam
 Casualty Co. Limit, 30 days. Plans
 and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
152	Union Oil	Lewis	5035

SERVICE STATION
 (152) 14TH AND HARRISON STS.,
 OAKLAND. Service station.
 Owner—Union Oil Co.
 Contractor—Lewis & Clark Constr.
 Co., California Bldg., Oakland.
 Filed Feb. 2, '38. Dated Jan. 17, '38
 75% 5 days after completion.
 25% usual 35 days.
TOTAL COST, \$5,035.00
 Limit, 35 days. Plans and speci-
 fications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

SIGN, electric, \$500; 832-33 Market
 St.; owner, Sommer & Kauff-
 man, Prem.; contractor, Electric
 Prod. Corp., 910 Harrison St.

SIGN, electric, \$240; NE New Mont-
 gomery and Stevenson; owner,
 The Hunters Gate, Prem.; con-
 tractor, QRS Neon Corp., Ltd.,
 690 Potrero Ave.

SIGN, electric, \$100; 593 Geary St.;
 owner, Bellevue Grocery, Prem.;
 contractor, Brumfield, 965 Fol-
 son St.

GARAGE, private frame, \$400; So.
 Germania, 156 E. Fillmore; own-
 er, Geo. R. Wyatt, 256 Herman
 Street.

FLUE, \$25; 45 Dorland St.; owner,
 Jos. Uhl, 750 Guerrero St.; con-
 tractor, S. J. Schindler, 815 Va-
 lencia St.

ALTER dwelling, \$200; 114 Scotia
 St.; owner, Jos. Grich, 954 Bay-
 shore Blvd.

ALTER dwelling, \$900; 525 Buena
 Vista; owner, Wm. L. Butler,
 Prem.; contractor, Dan C. Rich-

ardson, 2068 Golden Gate Ave.
 ALTER stores, \$500; 2370 Mission
 St.; owner, B. C. Brown, 1000
 Mason St.; contractor, F. Daniel
 O'Neill, 273 Minna St.
 SIGN, electric, \$160; 672 Stanyan
 St.; owner, Ole Nors, Premises;
 contractor, QRS Neon Corp., Ltd.,
 690 Potrero Ave.
 SIGN, electric, \$250; 816 Washing-
 ton St.; owner, Tad Lee Yon, Prem-
 ises; contractor, State Mfg. Co.,
 55 Rausch St.
 ALTER apt., \$400; 1605 Washington
 St.; owner, J. Crowley, Prem.;
 contractor, W. Warren, 614 Han-
 over St.
 ALTER dwelling, \$450; 2817 24th St.;
 owner, John Perry, Prem.; con-
 tractor, Harry G. Schwahn, 222
 Castro St.
 ALTER apts., \$490; 1900-08 Leaven-
 worth St.; owner, Jos. F. Po-
 heim, 1902 Leavenworth St.
 SIGN, electric, \$500; 832-33 Market
 St.; owner, Sommer & Kauff-
 man, Prem.; contractor, Electric
 Prod. Corp., 910 Harrison St.
 SIGN, electric, \$140; 1313 Stockton
 St.; owner, Bagneschi & Ghilan-
 ducci, Prem.; contractor, QRS
 Neon Corp., Ltd., 690 Potrero
 Ave.

SIGN, electric, \$475; 816 Washing-
 ton St.; owner, Tad Lee Yon,
 Prem.; contractor, State Mfg.
 Co., 55 Rausch St.

ALTER dwelling, \$390; 208-10 Fair
 Oaks St.; owner, E. Lyford, 3555
 23rd St.; contractor, W. Warren,
 614 Hanover St.

ALTER store, \$300; 1400 Fillmore
 St.; owner, W. Stark, Prem.;
 contractor, J. Mulholland, 121
 Randall St.

ALTER dwelling, \$263; 787 22nd
 Ave.; owner, F. H. Unger, Prem.;
 contractor, J. A. Pereira, 1601
 20th Ave.

ALTER store, \$100; 469 O'Farrell
 St.; owner, H. F. Davis, 469 O'-
 Farrell St.

BILLBOARD, \$7; SW 6th and Bran-
 nan; owner and contractor, Fos-
 ter & Kleiser Co., 1675 Eddy St.

BILLBOARD \$13; SE Alameda Blvd.
 and Weldon; owner and contrac-
 tor, Foster & Kleiser Co., 1675
 Eddy St.

BILLBOARD, \$7; W 6th 175 S Bran-
 nan; owner and contractor, Fos-
 ter & Kleiser Co., 1675 Eddy St.

ALTER store, \$50; 1402 Irving St.;
 owner, J. A. Bardeux, premises;
 contractor, M. Tilin, 446 Fulton.

FLUES, \$100; W Brussels 100 North
 Wilde; owner, Wm. Grahn, 2965
 Mission St.; contractor, W. Bur-
 iani, 2555 San Bruno Ave.

SIGN, electric, \$150; SE 11th and
 Market Sts.; owner, W. L. Hag-
 son Co., premises; contractor,
 Wonderlite Neon Prod. Co., 170
 Otis St.

SIGN, electric, \$200; 4370 Mission St.;
 owner, Avalon Tavern, premises;
 contractor, Brumfield, 965 Folsom.

ALTER dwelling, \$135; 36 Auburn;
 owner, Idia Yee, prem.; contrac-
 tor, A. D. Barber, 3665 Clay St.

FLUES, \$100; W Brussels 75 N Wilde
 St.; owner, Wm. Grahn, 2965 Mis-
 sion St.; contractor, Wm. Buriani,
 2555 San Bruno Ave.

SIGN, electric, \$100; 471 3rd Street;
 owner, Palace Market, premises;
 contractor Wonderlite Neon Prod.
 Corp., 170 Otis St.

ALTER store, \$300; 57 3rd St.; own-
 er, John Rakic, premises.

FLUE, \$40; 1470 Market St.; owner,
 Capital Co., 625 Market St.; ar-
 chitect, C. Pearson, 1693 Natoma.

SIGN, electric, \$50; 501 Post Street;
 owner, Mr. Frebbie, prem.; con-
 tractor, Brumfield Elec., 965 Fol-
 son St.
 ALTER flats, \$25; 443 Filbert St.;
 owner, Guido Bosoni, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Asarments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Building | 16.—Banks, Stores and |
| 8.—Hotels | 17.—Theatres |
| | 18.—Stores & Decks |
| | 19.—Misc. Const. |
| | 20.—Misc. Supplies & |

1— APARTMENTS

To Be Done By Day's Work
APARTMENTS Cost, \$21,235
SACRAMENTO, Cal. 3540 J St.
 New apartment building.
 Owner & Builder—Edward Lee, 5341
 14th Ave.
 Architect—Not Given. 1

Contract Awarded
APARTMENTS Cost, \$52,500
SACRAMENTO, Cal. 1416-18-20 H
 Street.
 New apartment building.
 Owner—Ancl Hoffman, Roseville.
 Architect—Not Given.
 Contractor—A. Fisher, 800 35th St.,
 Sacramento. 1

3— CHURCHES

WORK STARTS IMMEDIATELY
PHOENIX, Ariz.—E. Thompson,
 Salt Lake City, Utah, will start work
 immediately on the construction of
 a new edifice on Ashland Ave., be-
 tween Central Ave. and Third St.,
 Phoenix, for the Third Ward, Church
 of Jesus Christ of Latter-Day Saints.
 It will contain a chapel to seat 375
 persons, social hall with stage and
 a kitchen. Alexander & Burton, ar-
 chitects, 918 Title & Trust Bldg.,
 Phoenix. 3

4 — FACTORIES & WARE- HOUSES

Sub Contracts Awarded
WAREHOUSE Est. Cost, \$300,000
OAKLAND, Alameda Co., Cal. Fruit-
 vale Ave. and Estuary.

Part one and part two-story struc-
 tural steel warehouse (approx-
 imately 180,000 sq. ft.), wood tur-
 lines, wood roof sheathing, corrug-
 ated iron siding, composition
 roof, sprinkler system, electrical
 work, plumbing, concrete.

Owner—Owens-Illinois Pacific Coast
 Co., 1855 Folsom St., San Fran-
 cisco.

Engineer—H. J. Brunner, Sharon
 Bldg., San Francisco.

Contractor—P. J. Walker Co., 607
 Sharon Bldg., San Francisco.

Excavations—J. Catucci, 1212 18th
 Ave., Oakland.

Structural Steel—Moore Dry Dock
 Co., foot of Adeline St., Oakland.

Sprinklers—Fire Protection Engineer-
 ing Co., 369 Pine St., San Fran-
 cisco.

Electric Work—Kenney Electric Co.,
 7 Front St., San Francisco.

Reinforcing Steel—Soule Steel Co.,
 1750 Army St., San Francisco.

Sheet Metal and Corrugated Iron—

Richmond Sheet Metal Works, 520
 16th St., Richmond.

Plumbing—Robert D. Fearey, 1075
 40th St., Oakland.

Roofing—General Roofing Co., 3985
 Beach St., Oakland.

Steel Flooring—H. H. Robertson Co.,
 149 New Montgomery St., San
 Francisco.

Painting—Raphael Co., 270 Tehama
 St., San Francisco.

Preparing Plans
INDUSTRIAL BLDG. Cost, \$.....
SAN FRANCISCO, Cal.
 One-story industrial building (100 x
 200 ft.).
 Owner—Withheld.
 Architect—August Nordin, Mills
 Bldg.

Contract Awarded
FACTORY Cost, \$15,000
STOCKTON, San Joaquin Co., Calif.
 1850 S. McKinley Ave.
 Factory building.
 Owner—Nehi Bottling Co., 121 East
 Fremont St.
 Architect—Not Given.
 Contractor—T. E. Williamson, P. O.
 Box 93. 4

CONTRACT AWARDED
TUSTIN, Orange Co., Calif.—Robert
 E. McKee, 108 W. Sixth St., Los An-
 geles, awarded contract by Southern
 Pacific Company, 65 Market St., San
 Francisco, for a packing house to be
 built at Tustin for the company.

It will be a one-story wood frame
 structure, 90x407-ft. in area, with rustic
 exterior composition roof, wood
 floor, plumbing and electric work. 4

To Be Done By Day's Work
PLANT Cost, \$25,000
OAKLAND, Alameda Co., Cal. 401
 Clement St.
 Rock-crushing plant.
 Owner—J. Catucci, 1212 18th Ave.
 Architect—Not Given. 4

Contract Awarded
ALTER LAUNDRY Cost, \$3,500
SAN FRANCISCO, 1148 Harrison
 St.
 Alter laundry building.
 Owner—Metropolitan Laundry Co.,
 Premises.
 Engineer—Geo. W. Cotterill, 201 San-
 some St., San Francisco.
 Contractor—Daley Bros., Burlingame 4

Structural Steel Bids Now Being
Taken
WAREHOUSE Est. Cost, \$100,000
SAN FRANCISCO. Beale and Bry-
 ant Streets.
 Steel frame warehouse (wood and
 composition roof, wood piles,
 steel sash).

Owner—Matson Navigation Company
 215 Market Street.
 Structural Engineer—Kaj Thell, 580
 Market Street.
 Contractor—Lindgren and Swinerton,
 Inc., 225 Bush Street.

6— GARAGES & SERVICE STATIONS

Contract Awarded
REMODEL STA. Cost, \$.....
REDWOOD CITY, San Mateo Co.,
 Calif. Near Depot.
 Remodel gasoline service station.
 Owner—Shell Oil Co., 100 Bush St.,
 San Francisco.

Plans by Engr. Dept. of Owner.
 Contractor—Peter Sorensen, 919 Ar-
 guello St., Redwood City.

Sub Contracts Awarded
SERVICE STATION Cost, \$.....
BURLINGAME, San Mateo Co., Cal.
 Burlingame Ave. and El Camino
 Real.

Steel gasoline service station.
 Owner—Standard Oil Co. of Califor-
 nia.

Plans by Engr. Dept. of Owner.
 Contractor—G. W. Williams Co., 315
 Primrose Road, Burlingame.

Plumbing—Herbert I. Lauder, 218
 Lorton Ave., Burlingame.

Electric Wiring—Mausser Electric
 Co., 260 Lorton Ave.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SAN DIEGO, Calif.—Consolidated
 Terrazzo Companies, Inc., 2668 Long
 Beach Blvd., Los Angeles, at \$1,231,
 awarded contract by the Public Wks.
 Officer, 11th Naval District, San
 Diego, for terrazzo floors in Mess
 Hall-Galley and Bachelor Officers'
 Quarters Buildings at the Eleventh
 Naval District (Reeves Field), Ter-
 minal Island, Los Angeles Harbor;
 Spec. 8655.

BIDS OPENED
MARE ISLAND, Solano Co., Cal.
 —Van Fleet - Freear Company, 557
 Howard St., San Francisco, at \$2,683
 submitted low bid to the Public
 Works Officer, U. S. Navy Yard,
 Mare Island, for asphalt tile floor
 covering for Bldg. No. 71; Spec. 8660.

Complete bids follow:
 Van Fleet-Freear Company...\$2,683.00
 Turner Resilient Floors, Inc. 2,998.00
 West Coast Linoleum & Car-
 pet Stores 3,000.00
 D. A. Pancock Co..... 3,061.00
 Higgins Co., Oakland..... 3,248.00
 American Art Tile Co..... 3,444.00
 D. N. & E. Walter Co..... 3,458.14
 Peterson Cobby Co..... 3,496.00
 Bay Cities Asbestos Co., Ltd. 3,574.97
 Western Asbestos Co..... 3,575.00
 Malott & Peterson..... 3,969.00
 United Floor Covering Co.,
 Vallejo 4,195.00
 All of San Francisco, unless oth-
 erwise noted.

CONTRACT AWARDED
SAN DIEGO, Cal.—Special Serv-
 ice Flooring Corp., 2700 Kettner
 Blvd., San Diego, at \$1,731, awarded
 contract by the Public Works Of-
 ficer, Headquarters, 11th Naval Dis-
 trict, foot of Broadway, San Diego,
 for terrazzo floors in Galley of Mess
 Hall extension, Bldg. No. 210, at the
 Naval Operating Base (Marine Corps
 Rifle Range), San Diego; spec. 8634.

BIDS OPENED
LOS ANGELES HARBOR, Cal.—
 Moore Machinery Co., 2045 Santa Fe
 Ave., Los Angeles, submitted low bid
 to the 11th Naval District Jan. 27,
 at \$2043, for refrigerating equipment
 and arms in mess hall-galley bldg.
 at Reeves Field, Terminal Island,
 Los Angeles Harbor; Spec. 8654.
 Other bids were: Barker Bros., \$2-
 283.14; George Belsey Co., \$2,317.60;
 Kohlenberger Engineering Corp., \$2-
 338.54; A-1 Ice Machine Co., \$2,360;
 Eaves & Co., \$2,392; Independent Re-
 frigeration Co., \$2,600; Hudson-Tuck-
 er, Inc., \$2,728.50. Bids held under
 advisement. 7

BIDS OPENED

SACRAMENTO AIR DEPOT. Cal. Aqua Systems, Inc., 2443 Third Ave. New York City, at \$21,794 submitted low bid to the Construction Quartermaster, Sacramento Air Depot, for the construction and completion of an Air Corps Gasoline Fueling System at the Sacramento Air Depot.

Work involves:

- (1) excavation, per c. y.;
- (2) concrete, per c. y.;
- (3) sheeting over left in place, FBM
- (4) 2-inch extra heavy gavlun. steel screw joint pipe;
- (5) 2½-inch do;
- (6) 4-inch do;
- (7) 6-inch terra cotta drain pipe;
- (8) 4-inch cast iron water pipe.

Total bids follow:

- (A) Aqua Systems, Inc., 2443 Third Ave., New York, \$21,794.00.
 (B) M. J. Reeves Heating Co., San Francisco, \$26,910.00.
 (C) Bennett & Taylor, Los Angeles, \$31,263.00.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 1.00	\$ 1.00	\$ 1.25
(2).....	16.00	12.00	20.00
(3).....	35.00		150.00
(4).....	.55	.40	1.00
(5).....	.77	.60	1.50
(6).....	1.25	1.20	2.50
(7).....	.65	2.20	1.00
(8).....	.75	1.30	1.50

(A) Begin in 5 days, finish in 125.
 (B) Begin in 15 days, finish in 180.
 (C) Begin in 30 days, finish in 120.

BIDS OPENED

SAN FRANCISCO.—Missouri Steel & Wire Co., St. Louis, Mo., at \$3,140 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing special interior lighting fixtures at the U. S. P. O. and Court House, San Francisco.

Complete bids follow:

Missouri Steel & Wire Co., St. Louis.....	\$3,140.00
Benson Mfg. Co., Kansas City.....	3,443.25
Metalcrafts, Cincinnati, O.....	3,558.00
Mutual Metal Mfg. Co., Chicago.....	3,640.00
W. G. Warren Co., Chicago.....	3,890.40
Phoenix-Day Co., S. F.....	4,716.00
Severin Electric Co., S. F.....	4,840.00
Boyd Lighting Fix. Co., S. F.....	4,915.00
The Reading Elec. Co., Reading, Pa.....	5,000.00
Chas. Gezelschap & Son Co., Milwaukee, Wis.....	6,193.00
Tri-State Elec. Co., Memphis.....	7,210.00
The Flour City Ornamental Iron Co., Minneapolis.....	7,680.00

Site Selected

POST OFFICE Cost, \$.....
 KENT, Wash. SE Cor. of 2nd Ave. and Grove St.
 U. S. Post Office.
 Owner—U. S. Government.

Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Site (120 x 100 ft.) submitted by H. B. Madison; cost, \$300.

BIDS OPENED

SAN DIEGO, Calif.—R. V. Morris Co., 1202 Kettner Blvd., San Diego, submitted low base bid to the 11th Naval District Jan. 27, at \$490, for improving fire protection system in Buildings Nos. 24 and 36 at the Naval Operating Base (Air Station), San Diego; Spec. 8623. Other bids were: Bernard Engineering Co., \$4575; Viking Automatic Sprinkler Co., \$4719; Grinnell Co. of the Pacific, \$4830; Rockwood Sprinkler Co., \$4990. Bids held under advisement.

MATERIALS APPROVED

TOPPENISH, Wash.—Treasury Department approved the following building material and equipment

awards for the construction of the U. S. Post Office at Toppenish. West Coast Construction Co., general contractors:

Flush switches, Arrow-Hart and Hegeman Elec. Co., in lieu of previous approval. 7

MATERIALS APPROVED

COLVILLE, Wash.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office, at Colville; West Coast Construction Co., general contractors:

Flush switches, Hart & Hegeman Electric Co., in lieu of previous approval. 7

CONTRACT AWARDED

UKIAH, Mendocino Co., Calif.—Robert McCarthy, 1363 14th Ave., San Francisco, at \$478, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of sidewalk and street curb at the U. S. Post Office at Ukiah.

CONTRACT AWARDED

SAN DIEGO, Cal.—Western Steel Erecting Co., 210 W. 7th St., Los Angeles, at \$2,289, awarded contract by the Public Works Officer, Eleventh Naval District, San Diego, for erection of steel for hangar at the Eleventh Naval District (Reeves) Field), Terminal Island, Los Angeles Harbor; Spec. 8644.

Site Selection

POST OFFICE Cost, \$.....
 WILMINGTON, Los Angeles Co., Cal.

SE Avalon Blvd. and I Street.
 U. S. Post Office.
 Owner—U. S. Government.

Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Site (140 x 150 ft.) submitted by the City of Los Angeles.

Complete Bids

POST OFFICE
PACIFIC GROVE, Monterey Co., Cal. United States Post Office.
 Owner—U. S. Government.

Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Low Bidder—K. E. Parker Co., 135 South Park, San Francisco—\$54,974.

Complete bids follow:
 K. E. Parker, San Francisco—\$54,974.

L. F. Dow Co., Los Angeles—\$56,000.
 Robert McCarthy, San Francisco—\$56,528.

James I. Barnes Constr. Co., Santa Monica, Cal.—\$58,000.

Dinwiddie Constr. Co., San Francisco, Cal.—\$58,200.

Campbell Constr. Co., Los Angeles, Cal.—\$58,637.

A. Nelson, Inc., San Francisco, Cal.—\$59,000.

Schuler & McDonald, Inc., Oakland, Cal.—\$61,773.

George Peterson, San Leandro, Cal.—\$62,000.

MacDonald Constr. Co., St. Louis, Mo.—\$63,477.

F. C. Amoroso & Sons, San Francisco, Cal.—\$72,690.

Lembke Constr. Co., Albuquerque, New Mexico—\$68,408.

Wesco Constr. Co., Los Angeles, Cal.—\$75,000.

Harold C. Grier, Monterey, Cal., & George Goedhart, Colusa, Cal., submitted late bids.

BIDS OPENED

SAN DIEGO, Calif.—Consolidated Terrazzo Companies, Inc., 2668 Long Beach Blvd., Los Angeles, at \$123.00 submitted only bid to the Public

Works Officer, 11th Naval District, San Diego, for terrazzo floors in Mess Hall-Galley and Bachelor Officers Quarters Buildings at the Eleventh Naval District (Reeves Field), Terminal Island, Los Angeles Harbor; Spec. 8655.

CONTRACT AWARDED

SAN PEDRO, Los Angeles Co., Cal.—Usona Iron Co., Inc., 4606 W. Jefferson Blvd., Los Angeles, at \$565.00 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for wire mesh partitions, etc. in the U. S. P. O. and Custom House at San Pedro.

BIDS WANTED

KELSO, Wash.—Until Feb. 24, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing bulletin boards and finishing work for window grilles.

Previous contracts awarded for this work were terminated.

CONTRACT AWARDED

BAKER, Ore.—The Robbins Mfg. Co., Chicago, at \$499.01 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. P. O. at Baker.

ADDITIONAL SUB-CONTRACTS

AWARDED. Alameda Co., Cal.—Carl N. Swenson Co., 355 Stockton Ave., San Jose, awarded the following additional sub-contracts for construction of an addition to Infirmary Bldg. No. 2, at Livermore, for the Veterans' Administration:

Reinforcing Steel — Dick Richards, 3422 Piedmont Ave., Oakland.

Plastering — Samuel Caccamo, 420 Race St., San Jose.

Miscellaneous and Ornamental Iron — Engfer Iron Works, 535 W. San Carlos St., San Jose.

Terrazzo—Oakland Concrete & Terrazzo Co., 2227 Market St., Oakland.

Asphalt Tile Flooring—Peterson and Cobby, 363 Clementina St., San Francisco.

Metal Shelving—Berger Mfg. Co., 611 Howard St., San Francisco.

Sub-contracts previously awarded were published January 21.

BIDS OPENED

SAN DIEGO, Cal.—Special Service Flooring Corp., 2700 Kettner Blvd., San Diego, at \$1,731 submitted low bid to the Public Works Office, Headquarters, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Galley of Mess Hall extension, Bldg. No. 210, at the Naval Operating Base (Marine Corps Rifle Range), San Diego; Spec. 8634.

Only other bid submitted by Consolidated Terrazzo Companies, Inc., Los Angeles, at \$1,750.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 23, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for rubber tile floors in court rooms at the U. S. P. O. and Court House at San Francisco.

Drawings and specifications may be obtained from the above office and from the Custodian of the building at San Francisco.

BIDS WANTED

REDDING, Shasta Co., Cal.—Until February 24, 11 A. M., bids will be received by the War Department, Office of the Quartermaster, 9th Corps Area, Presidio of San Francisco, for the fabrication of three portable de-mountable buildings for CCC Camp

No. F-27, Big Bar, Rallhead, Redding.

Plans and specifications may be obtained from the above office upon deposit of \$10.00.

BIDS WANTED

ALCATRAZ, Calif.—Until Feb. 15, 2 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for erecting specified window guards on Buildings 67 and 82 U. S. Penitentiary, Alcatraz, under Spec. No. 56, Invit. 1286.

Bids will be opened at Room 407, Post Office Bldg., San Francisco, where they may be delivered in person, or mailed to Warden, U. S. Penitentiary, Alcatraz.

A copy of specifications is now on file for examination at the office of the **DAILY PACIFIC BUILDER**, 465 Tenth St.

LOW BIDDERS

SAN FERNANDO, Los Angeles Co., Cal.—**Sarratt & Zoss, Inc.**, 1015 W. 4th St., Los Angeles, at \$184,500, submitted low bid to the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for Infirmary Bldg. No. 41, to be built at the Veterans' Administration Facility, San Fernando.

Separate bids were received for (I) General construction, including plumbing, heating and electrical work, and (II) electric elevator and dumb-waiters.

James I. Barnes, Springfield, Ill., at \$197,000, submitted second low general bid, and William T. Liesch, Pasadena, at \$203,728, submitted third low general bid.

The Montgomery Elevator Co., at \$11,267, submitted low bid for elevators.

BIDS WANTED

BAKER, Ore.—Until Feb. 21, bids are being received by the Department of Commerce, Bureau of Purchase & Sales, Washington, D. C., under Prop. 28963, for construction of radio facility buildings and erection of radio towers near Baker, Oregon.

Work consists of placing concrete foundations for five 131-ft. skeleton steel radio towers and the erection of steel towers thereon, also the building of one complete glass and brick radio facility building (15½ x 28 ft.) and one sectional portable frame building (approx. 14x18 ft.), together with clearing, fencing, driveway and other incidental work; work will include earthwork, concrete brick tile, glass block, reinforcing steel, structural steel and fencing, etc. Part of the materials will be installed by the Government.

8— CLUB BUILDINGS

Revised Plans Completed

LODGE BLDG. Cost, \$60,000
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.

Two-story and basement reinforced concrete club building (50x100-ft.) clubrooms, banquet hall, kitchen, shower room, etc.

Owner—Vallejo Lodge of Elks (Clarence Price, President).
Architect—Dodge Riedy, 821 Market St., San Francisco.

Revised plans are now under consideration and contract will probably be awarded this week.

9— HOSPITALS

CONTRACT AWARDED

LOS ANGELES, Cal.—**Pozzo Const. Co.**, 2403 Riverside Drive, awarded contract for the construction of a new hospital building at 610 S. St. Louis St., for the Santa Fe Hospital

Assn. Consolidated Steel Corp. has the contract for the structural steel. Other parts of the work to be let under separate contracts are the plumbing and the heating and ventilating, for which bids are now being taken, the electric work, painting and elevators. Work on the building will start immediately. It will be a Class A 6-story structure, 50x 168 ft. in area, providing executive offices, internes' quarters, clinics, operating rooms and additional wards. Plans by the owner's architectural department, Kerchhoff Bldg. * 9

Completing Plans

ALTERATIONS & ADDITIONS
Cost, \$.....
MORGAN HILL, Santa Clara Co., Cal. Steel's Hotel.

General alterations and additions to hotel, including new store, taproom, bedrooms, baths, etc.
Owner—Harry Skeels, c/o Archt. Architect—Higgins & Root, Chester Root, Architect, Security Bldg., San Jose.

Plans will be figured shortly by a selected list of contractors.

CONTRACT AWARDED

PHOENIX, Ariz.—P. W. Womack, 600 E. Jefferson St., Phoenix, at \$131,168, awarded contract by the Board of Directors of State Institutions at Phoenix, for construction of a hospital building, occupational therapy building and addition to present women's ward building at Arizona State Hospital, 24th and Van Buren Sts., Phoenix; a PWA project. Lescher & Mahoney, architects, 190 Title & Trust Bldg., Phoenix. * 9

Bids Opened

BAKERY BLDG. Cost, \$.....
STOCKTON STATE HOSPITAL, San Joaquin Co., Cal.

Two-story reinforced concrete addition to existing bakery building, complete with all mechanical and electrical work; steel windows, steel trussed roof framing and wood roof sheathing.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low Bidder—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento—\$26,997.

Complete bids follow:
Lawrence Constr. Co., Sacramento—\$26,997.
C. H. Dodd, Stockton—\$26,770.
Campbell Constr. Co., Sacramento—\$27,000.
S. C. Giles, Stockton—\$27,650.
Villadsen Bros., Inc., Oakland—\$29,000.
Ecker Bros., Stockton—\$29,624.

Completing Plans

HOSPITAL ADDN. Est. Cost, \$80,000
FRESNO, Fresno County, Calif.

New brick kitchen building at Fresno County General Hospital to be located between the main hospital and the contagious disease building, with connecting passageway for service to wards; frame interior wall, floor and roof construction.

Owner—County of Fresno.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

Original intention to build addition to present kitchen was abandoned and revised plans for separate building will probably be completed this week and bids asked shortly thereafter.

BIDS WANTED

MENDOCINO, Cal.—Until Feb. 23, 2 p.m., bids will be received by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for au-

tomatic combustion control in boiler plant at the Mendocino State Hospital.

Work consists of automatic combustion equipment on four boilers in the main boiler plant.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable.

Bond Election

HOSPITAL ADDN. Cost, \$.....
PALO ALTO, Santa Clara Co., Cal. Addition of four-story, 80-bed wing to the Palo Alto Hospital.
Owner—City of Palo Alto (Winifred Kidd, City Clerk).

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

As previously reported, the City of Palo Alto will vote February 15 on a proposal to issue bonds in the amount of \$175,000, proceeds to finance construction of the addition.

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

Contract Awarded
SCULPTURAL MODELS

Contract Price, \$28,397
YERBA BUENA SHOALS. Site of 1939 World's Fair.

Enlarging and casting in staff of Sculptural Models, Central Tower, and East Court, under Contract No. 128.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.) 555 Bush St.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush Street.

Contractor—August Dackert and Co., 1450 15th St. *

Contract Awarded

PLUMBING WORK Cont. Pr, \$5,408
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

All plumbing work to be done in the Service Portion of the East Hangar.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush Street.

Contractor—Turner & Co., 1702 Washington Street.

(8946) 1st report Jan. 10; 2nd, Jan. 25, 1938. * 13

January 28, 1938

To Be Done By Day's Work

RESIDENCE Cost, \$12,000

PALO ALTO, Santa Clara Co., Calif.

Two-story residence and garage.

Owner and Builder—C. W. Kemper,

125 Bryant St., Palo Alto.

Architect—Not Given. 14

BIDS OPENED

SAN FRANCISCO.—Mullen Manufacturing Co., 60-80 Rausch St., San Francisco, at \$10,545 submitted low total bids to the Public Utilities Commission, Room 287, City Hall, for furnishing rooms in the first story of the Administration building at San Francisco Airport.

Bids were taken on: (A) finish coffee shop and kitchen and adjacent closets; (B) finish refreshment rooms and passage and closet adjacent; (C) all work.

Complete bids follow:
Mullen Mfg. Co., 60-80 Rausch Street, San Francisco: (A) \$6385; (B) \$4160; (C) \$10,545.

Mangrun, Holbrook & Elkus, S. F.: (A) \$5295; (B) \$5395; (C) \$10,645.

Braas & Kuhn, S. F.: (A) \$6881; (B) \$3409; (C) \$10,773.

The Fink & Schindler Co., S. F.: (A) \$6985; (B) \$5012; (C) \$11,700.

Central Calif. Const. Co., Inc., S. F.:

(A) \$5900; (B) \$6500; (C) \$12,400.

L. & E. Emanuel, Inc., S. F.: (A) \$7-175; (B) \$5838; (C) \$13,013.

Bids Wanted—To Close February 10, 3:00 P. M.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, North Long Court at the Exposition Site; Contract No. 152.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Planned

AQUATIC THEATRE Cost, \$.....
YERBA BUENA SHOALS. Site of 1939 World's Fair.

An aquatic theatre providing a grandstand seating more than 10,000 along the shore of Yacht Harbor at the south end of Treasure Island; movable ramp along seawall will connect with floating barge for diving, etc.; a building more than 80 feet in length will provide dressing rms. and storage space.

Owner—San Francisco Bay Exposition (L. W. Cutler, Pres.), 585 Bush St.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush Street.

Bids Wanted—To Close February 14, 3 P. M.

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, central court at the exposition site; Contract No. 131.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

Bids Wanted—To Close February 21, 3 P. M.

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering in East Courts at the Exposition site; Contract No. 133.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

Bids Wanted—To Close February 28, 3 P. M.

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, West Walls and main entrance at the Exposition site; Contract No. 132.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

BIDS WANTED

EL CENTRO, Imperial Co., Cal.— Until Feb. 11 (tentative date), bids will be received by the El Centro City Council for reconstructing and adding to the public library building in El Centro. The addition will be of

reinforced concrete construction and will contain 3500 sq. ft.; the old section to be reconstructed contains 3000 sq. ft. and will be of reinforced concrete and gunita construction, composition roof, maple floors, steel sash, insulating, oil-burning heating, ventilating system. Plans may be obtained from Albert E. Hansen, architect, 832 S. Glendale Ave., Glendale, or Philip W. Knights, El Centro city engineer. 13

CONTRACT AWARDED

LOS ANGELES, Cal.— Joseph A. Schlapp, 6303 Mayflower Ave., Bell, awarded contract by the Maywood city council, at \$20,512 (two-story building), for construction of a new city hall and alterations to the present fire house building at 4319 East Slauson Ave. Plans were prepared by D. R. Edwards, 5911 Pine Ave., Maywood. 13

BIDS WANTED

LANCASTER, Los Angeles Co., Cal.— Until Feb. 15, 2 P. M., bids will be received by the Los Angeles County Supervisors for the proposed memorial hall and office building to be built on the SW corner of 10th and Cedar Sts., Lancaster. Bids will be taken as follows:

(A) not including aluminum paint on roof;

(A2) including aluminum paint on roof.

General contract will include the plumbing, drainage, heating, ventilating and electrical work. The bldg. will be L-shaped, ground floor dimensions 87x88 ft. and 37x39 ft. and second floor 31x87-ft. Demolition of existing building on the site is not a part of this contract. 13

Bids Held Unopened Until Feb. 8, 1940 A. M.

JAIL ADDITION Cost, \$42,000
MADERA, Madera Co., Cal.

Two-story reinforced concrete and granite wing addition to connect with existing building by 20-ft. court; remodel front of existing bldg.; new office rooms; women's ward on second floor of new wing; basement to house kitchen, laundry and equipment.

Owner—County of Madera.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

By instructions of the District Attorney all bids received Feb. 1 for the jail addition are being held unopened until Feb. 8, 10 a.m.

Bids Wanted—To Close February 9, 3 P. M.

FIRE HOUSE Est. Cost, \$5,000
SAN BRUNO, San Mateo Co., Calif.

One-story hollow tile building with concrete floor slabs, composition roof, steel sash, to contain a kitchen, showers, two dressing rooms, meeting hall and a truck room.

Owner—City of San Bruno.
Architect—W. E. Huson, 475 24th Ave., San Francisco.

Plans and specifications may be obtained at the City Clerk's office, San Bruno City Hall, where bids will be opened in the Council Chambers.

Joseph Bettancourt, 422 San Anselmo Ave., San Bruno, is figuring plans and desires sub-bids on all portions of the work.

CONTRACT AWARDED

SAN FRANCISCO.—Eureka Iron & Wire Works, 374 11th St., at \$100 awarded contract by the Department of Public Works, Room 251, City Hall for constructing wire mesh enclosure for elevator in basement at Juvenile Detention Home, 150 Otis Street.

Correction Sub Contracts Awarded CITY HALL Cont. Pr., \$73,800
SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Sts.

One- and two-story reinforced concrete city hall (second and third units) to house offices of the city engineer, building and plumbing inspectors, council chambers, and police court and committee chambers.

Owner—City of Santa Cruz (S. Z. Evans, City Clerk).

Architect—C. J. Ryland, Carmel and Monterey.

Contractor—F. C. Stoitte Co., San Simeon, Cal.

Roofing—C. L. Frost, 165 Webster St., Monterey.

Plumbing & Heating—John E. Smee, 717 Higuera St., San Luis Obispo.

Sheet Metal—Morrison & Co., 74-76 Duboce St., San Francisco.

Electric Wiring—Irving M. Smith, 9 Cayuga St., Santa Cruz.

Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.

Reinforcing Steel—Dick Richards, 458 24th St., Oakland.

Overhead Doors—Parker-Carpenter, Inc., 606 Mission St., San Francisco.

Venetian Blinds—The Gill-Mann Co., 160 Second St., San Francisco.

Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.

Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan Street, San Francisco.

Toilet Partitions—Dwan & Co., 126 Post St., San Francisco.

Steel Truss Joists—Soule Steel Co., 1750 Army St., San Francisco.

Glass and Glazing—Habenicht & Howlett, 529 Clay St., San Francisco.

Mill Work—Anderson Bros. Planing Mill & Mfg. Co., 1715 19th Street, San Francisco.

Sub contracts previously reported incorrect.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 16, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for alterations and garage for caretaker's house at University Mound Reservoir, University and Bacon Streets.

Specifications may be obtained at Room 601, 425 Mason St., upon deposit of \$5.00.

Contract Awarded

PLASTERING Cont. Pr., \$3,988.00
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Furnishing of materials, labor, equipment and services for general plastering, Ferry Terminal Bldg., at Yerba Buena Shoals; Contract No. 130.

Owner—S. F. Bay Exposition Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Jas. F. Smith, 271 Minna St., San Francisco.

Contract Awarded

CITY FOUND Cost, \$12,690
SACRAMENTO, Cal. One-story corrugated iron city found (99 x 46 ft.), concrete floors, composition roof.

Owner—Ben Ali Mystic Fund Committee.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—Lawrence Constr. Co., 2574 18th St., Sacramento.

SUB BIDS WANTED

SAN BRUNO, San Mateo Co., Cal.—De Luca & Son, Inc., 1745 Filbert St., San Francisco, is figuring plans and desires sub bids on all portions

of the work for the construction of the San Bruno Fire House, for which bids will be opened Feb. 9, 8 p.m., by the City of San Bruno, City Clerk's Office, San Bruno City Hall.
Plans by Architect W. E. Huson, San Francisco. * 13

Preparing Plans:
CLUB BLDG. Cost, \$140,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two-story women's club house to be known as the Yerba Buena Club. Owner—Women's Club House Association (Mrs. E. S. Heller, chairman).
Architect—Wm. W. Wurster, 260 California St., San Francisco.

Planned
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Exhibit building to furnish 42,000 feet of display space.
Owner—Ford Motor Company.
Architect—Not Selected.
Cost of ground space and building will be approximately \$250,000.

14— RESIDENCES

Sub Contracts Awarded
RESIDENCE Cost, \$.....
LAFAYETTE, Contra Costa Co., Cal. One-story frame and stucco residence (7 rooms), gas oil-burning heating system, hardwood floors.
Owner—Frank Colin.
Architect—Frederick L. Confer, 3147 Claremont Ave., Berkeley.
Contractor—Earl M. Alott, 269 Scene Ave., Piedmont.
Plumbing—J. A. Fazio, 5th and Castro Streets, Oakland.
Grading—Jim Brockhurst, Orinda.
Foundations—A. A. Johnson & Son, 1921 Dwight Way, Berkeley.
Lumber—Lafayette Lumber Co., Lafayette.
Mill Work—Hogan Lumber Co., 2nd and Alice Sts., Oakland.

CONTRACT AWARDED
LOS ANGELES, Cal.—Eric Barclay, Architects' Bldg., has the contract for a 12-room frame and stucco residence (40 x 160 ft.) to be built at 7201 Senalda Road for M. Douglas, 326 S. Hudson Ave.; Roland E. Coate, architect, 701 Architects' Bldg. Following contracts are not included in the general contract: Heating, swimming pool, pergola, paved patio, raised terrace, stone walls and walk; cost, \$40,000. 14

PLANS BEING FIGURED
LOS ANGELES, Cal.—Henry Carlton Newton, A. I. A., 502 Architects' Bldg., Los Angeles, is taking bids from a selected list of contractors for a French style residence (10 rooms, 5 baths), to be built in the Holmby Hills district for Fred Isaacs. Cost, \$40,000. 14

February 3, 1938
To Be Done By Day's Work
RESIDENCE Cost, \$9,000
SAN FRANCISCO. N Geary St. 69 E Cook Street.
Two-story frame residence and store building.
Owner and Builder—Edgar Vogel, 3601 Geary St.
Architect—Chas. F. Strothoff, 2274 15th St.

Sub Contracts Awarded
RESIDENCE Cost, \$6,519
SAN JOSE, Santa Clara Co., Calif. One-story frame residence (plaster exterior and interior, tile roof, gas heating system, two baths).
Owner—Antonio Serratore, c/o Architect.

Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Jos. Santi, 545 Madera Ave., San Jose.
Roofing—Fred Hayden, 369 Stockton Ave., San Jose.
Plumbing—Wm. Ehler, 956 Alameda St., San Jose.
Electric Wiring—Rosendine Motor Works, 78 Race St., San Jose.
Heating and Sheet Metal—Western Sheet Metal Works, 393 W. Santa Clara St., San Jose.
Glass, Lumber and Mill Work—Pacific Mfg. Co., Santa Clara.
Hardwood Floors—I. N. Millsap, 1263 Park Ave., San Jose.
Painting—S. Minietta, 1087 Park Avenue, San Jose.
Lathing and Plastering—Peter Bianchi, Box 339, Cupertino.

Contract Awarded
RESIDENCE Cost, \$12,500
SAN RAFAEL, Marin Co., Cal. Country Club Heights.
Two-story frame and stucco residence (7 rooms, 3 baths) wood siding, shake roof, gas fired hot air heating system, tile baths, hardwood floors, etc.
Owner—Townley Ball.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—Eugene F. O'Connor, 2 Marquard Ave., San Rafael.

Plans Completed
ALTER RESIDENCE Cost, \$.....
SAN FRANCISCO. 2460 Lyon St.
Alterations to residence involving carpentry, tile, painting, plastering, plumbing, electric work and roofing.
Owner—Gustave Gumpel, c/o Architect.
Architect—Walter C. Clifford, 310 Locust St., San Francisco.
Work will be done by a selected contractor.

Completing Plans
RESIDENCES (12) Cost, \$4,000 ea.
SAN FRANCISCO. 32nd and 34th Aves. and Santlago St.
Twelve one-story frame and stucco residences; hardwood floors, tile baths, etc.
Owner & Builder—Standard Building Co., 20th Ave. and Judah St.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Preparing Preliminary Plans
RESIDENCE Cost, \$6,500
OAKLAND, Alameda Co., Calif. One-story frame and stucco residence
Owner—Withheld.
Architect—Conrad T. Kett, 519 California St., San Francisco.

Contract Awarded
RESIDENCE Cost, \$6,000
OAKLAND, Alameda Co., Cal. 5909 Canning St.
One-story frame residence (five rooms).
Owner—Nick Plombo, 1523 Peralta St.
Architect—Not Given.
Contractor—Charles Marietti, 1201 Stannage Ave., Berkeley. 14

Sub Contracts Awarded
RESIDENCE Cost, \$7,650
SAN JOSE, Santa Clara Co., Calif. Vendome Grounds.
One-story frame and stucco residence (tile roof).
Owner—Mario Salvi.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Jos. Santi, 545 Madera Ave., San Jose.
Electric Wiring—Rosendine Motor Works, 78 Race St., San Jose.
Heating and Sheet Metal—Western Sheet Metal Works, 393 W. San-

ta Clara, San Jose.
Glass, Lumber and Mill Work—Pacific Mfg. Co., Santa Clara.
Hardwood Floors—I. N. Millsap, 1263 Park Ave., San Jose.
Iron Grille Work—Engfer Iron Wks., 534 W. San Carlos, San Jose.
Hardware—San Jose Hardware Co., 72 W. Fernando St., San Jose.
Painting—S. Minietta, 1087 Park Ave., San Jose.
Lathing and Plastering—Peter Bianchi, Box 339, Cupertino.

Preparing Preliminary Plans
RESIDENCES Cost, \$.....
MARIN COUNTY, Calif. Three one-story frame and stucco residences.
Owner—Withheld.
Architect—Conrad T. Kett, 519 California St., San Francisco.

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$15,000
PLACERVILLE, Calif. Two-story residence (11 rooms, 3 baths).
Owner—Dr. McKinnon, c/o Arch. Architect—Harry J. Devine, Cronan Bldg., Sacramento.

15— SCHOOLS

BIDS WANTED
SAN DIEGO, Cal.—Until Feb. 21, 7:30 p.m., bids will be received by San Diego Board of Education, 825 Union St., San Diego, for construction of an 8-classroom concrete addition to the Herbert Hoover High School, 4474 El Cajon Ave. Plans available from Architects Klitner & Curtis, Spreckels Theater Bldg., San Diego, upon deposit of \$5. Certified check or bid bond for 2% to accompany bid. * 15

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 15, 2 p.m., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for the construction of a 6-classroom frame and stucco addition to the Indiana Street School, 3607 E. 3rd St.; estimated cost, \$32,500. W. L. Rieley, architect, 220 S. Westmoreland Ave.; Ralph Marvin, structural engineer; O. W. Ott, mechanical engineer. Separate bids will be taken as follows: (1) general work; (2) plumbing; (3) painting; (4) electric wiring. Plans obtainable from the board office upon deposit of \$25. * 15

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 18, 2 P. M., bids will be received by the Los Angeles Board of Education 1425 San Pedro St., for the construction of a one-story, 10-classroom concrete and kindergarten building at the Ford Blvd. school, 1150 Ford Blvd., Belvedere Gardens. Est. cost, \$66,000. Harold S. Johnson, architect, 1001 Architects' Building; Holmes & Narver, structural engineers; E. L. Ellingwood, mechanical engineer. The plans are obtainable from the board office upon deposit of \$25. * 15

WORK STARTED
SAN DIEGO CO., Cal.—M. H. Golden, 531 Bank of America Bldg., San Diego, has started work on the construction of the new high school plant at San Diego Blvd. and Escondido Ave., Vista, for the Vista Unified School District, a PWA project. Contract price was \$161,760.50. Austin & Wildman, Spurgeon Bldg., Santa Ana, architects. 15

CONTRACT AWARDED

SAN FRANCISCO. — Cinnamond Floor Co., 666 Mission St., at \$72.00 awarded contract by the Department of Public Works, Room 251, City Hall, for sanding 12,000 sq. ft. of hallway floors so inoleum can be cemented down at Fairmount School, Cheney Street between Randall and Thirtieth Streets.

CONTRACT AWARDED

SAN FRANCISCO. — Bureau of Building Repair awarded contract at \$2,205.04 by the Department of Public Works, Room 251, City Hall, for construction of a lunch room at Edison School, Chattanooga and 22nd Streets.

Preparing Working Drawings

ADDITION Cost, \$15,000
YUBA CITY, Sutter Co., Cal.
One-story frame and stucco addition to the high school containing three classrooms; composition roof.

Owner—Yuba City Union High Sch. District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contract Awarded

PAINTING Cont. Pr., \$490
SAN FRANCISCO. 1175 Monterey Blvd.

Painting residence.

Owner—Home Owners Loan Corp., 785 Market St., San Francisco.

Contractor—H. A. Hansen, 1435 41st Ave., San Francisco.

Contract Awarded

PAINTING, ETC. Cont. Pr., \$395.50
RIO LINDA, Sacramento Co., Cal. Rt. 1, Box 65.

Painting and other repairs to residence.

Owner—Home Owners Loan Corp., 785 Market St., San Francisco.

Contractor—George Mattox, 230 N. Stanislaus St., Stockton.

To Be Done By Day's Work

RESIDENCE Cost, \$6,000
OAKLAND, Alameda Co., Calif. 19 Mandana Circle.

Two-story frame residence (six rooms).

Owner & Builder—Paul H. Haller, 6221 Buena Vista Ave.

Architect—Not Given. 14

Contract Awarded

REPAIRS Cont. Pr., \$287
SAN FRANCISCO. 2426 32nd Ave.
Painting and other repairs to residence.

Owner—Home Owners Loan Corp., 785 Market St., San Francisco.

Contractor—Emil Solve, 1800 41st St., Oakland.

Contract Awarded

GENERAL REPAIRS Contract Price, \$1,013
SANTA CRUZ, Cal. 47 King St.,
General repairs to residence; painting and roofing.

Owner—Home Owners Loan Corp., 785 Market St., San Francisco.

Contractor—Dunn, Iden & Cory, 789 Cayuga Ave., San Francisco.

Contract Awarded

RESIDENCE Cost, \$7,500
SAN RAFAEL, Marin Co., Calif.
One-story frame residence (6 rooms), shake roof and walls, wooden trim throughout; garage.

Owner—Withheld.

Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.

Contractor—John Carminati, Warden Tract, San Rafael.

Sub-Contracts Awarded

RESIDENCE Cost, \$8,100
NAPA, Napa Co., Calif.

Two-story frame residence (7 rooms, 2 baths), plaster interior, shingle roof, oil-burning furnace, hardwood floors, tile baths, wood sash.

Owner—E. L. Bickford, 1303 Jefferson Street, Napa.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Earl Long, 2206 Tockey Street, Napa.

Plumbing and Hardware—Sampson-Rossi Hardware Co., 1015 Main St.

Electric Wiring—Earl G. Wilson, 927 Brown Street.

Sheet Metal—Graham & Hall, Pearl and Randolph Streets.

Glass and Mill Work—Jaekle Bros., 948 Third St.

Hardwood Floors—Napa Hardwood Floor Co., Rt. No. 2, Box 2662.

Brick and Stone Work—E. L. Sanders.

Foundations—E. Rinehart, 124 Illinois St., Vallejo.

Lumber—Napa Lumber Company.

Painting—Napa Decorating Co., 908 First Street.

Lathing and Plastering—T. Jensen, 2217 Spencer Street.

All of Napa, unless otherwise noted.

Completing Preliminary Plans
RESIDENCE Cost, \$6,000
SANTA ROSA, Sonoma Co., Calif.

Two-story frame and wood siding residence (7 rooms and 2 baths) shingle roof, hardwood floors, tile baths, basement furnace.

Owner—P. G. Connick, c/o Architect.

Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Low Bidder
RESIDENCE Cost, \$.....
MARIN COUNTY, Calif.

One-story frame residence.
Owner—Mr. Morgan.

Architect—Clarence W. Mayhew, 6020 Acacia St., Oakland.

Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland.

BIDS WANTED
ANAHEIM, Orange Co., Cal.—Until Feb. 16, 7:15 p.m., bids will be received by Anaheim School Dist., 210 S. Citron St., Anaheim, for construction of a one-story frame classroom building at the Benjamin Franklin elementary school, located at the northeast corner of Jans and Water Streets. Estimated cost, \$70,000.

Plans obtainable upon deposit of \$20 from Marsh, Smith & Fowell, 508 Architects' Bldg., Los Angeles, architects. Certified or cashier's check or bond for 5% required. * 15

Low Bidders
JUNIOR HIGH SCHOOL
SNOHOMISH, Wash.

Two-story junior high school building, with gym.

Owner—School District 329, Snohomish Co. (Arthur Johnson, Clk.).

Architect—Wm. Mallis, Lyon Bldg., Seattle.

Low Bidder—Brady Constr. Co., 1166 Mercer St., Seattle—\$105,400.

Second low general bid submitted by Paul N. Odegard, Everett, at \$110,000. 15

Contract Awarded
REMODEL STORE Cost, \$2,490
SANTA ROSA, Sonoma Co., Cal. 415 Fourth Street.

Remodel store building (new show window and front, electrical work awning, plastering, etc.)

Owner—Emma Shea.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Leon Koch, Rt. 4, Box 384-A, Santa Rosa.

Contract Awarded

HIGH SCHOOL Contr. Pr., \$139,000
WOODLAKE, Tulare Co., Calif.

One-story frame high school bldg., containing five classrooms, music room, bookkeeping room, typing room, library, study hall, sewing room, cooking room, chemistry and physics room, science classroom, Dean of Women's room, girls' room, teachers' room, principal's office, general office, lavatories and an auditorium to seat 572, with a stage. Building contains approximately 520,000 cubic feet; concrete foundations, stucco exterior, wood roof trusses.

Owner—Woodlake Union High Sch. District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Contractor—Trewitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

Plans Completed
SCHOOL BLDG. Cost, \$60,000
AUBERRY, Fresno Co., Cal. Sierra High School.

One-story frame school bldg. (classroom and study hall).

Owner—Sierra Union High School District.

Architect—Franklin & Kump, 522 T. W. Patterson Bldg., Fresno.

Plans are now awaiting approval of the State Division of Architecture in Sacramento.

Completing Preliminary Plans
SCHOOL Est. Cost, \$50,000
MARTINEZ, Contra Costa Co., Calif.

Mountain View District.

One-story frame primary school bldg. to contain four classrooms and kindergarten.

Owner—Martinez School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

BIDS WANTED
SPRINGVILLE, Tulare Co., Cal.—Until February 8, 8 p.m., bids will be received by the Springville Union School District (Ward Hance, Clerk), at the office of the school, at Springville, for the electrical wiring and sheet metal work of the addition to Springville School.

Plans and specifications may be secured at the office of John P. Perrine, 323 Bank of America Bldg., Visalia, upon deposit of \$5, returnable. Bid must be accompanied by cashier's check, certified check, or bid bond of 10% of bid, payable to the Clerk of the Board. * 15

BIDS WANTED
SPRINGVILLE, Tulare Co., Cal.—Until Feb. 8, 8 p.m., bids will be received by the Springville Union Sch. District (Ward Hance, Clerk), at the office of the school, at Springville, for the materials for use in the construction of an addition to a school building.

Materials consist of:

1 lot of Millwork;

1 lot of miscellaneous metal work;

1 lot of metal trim;

1 lot of roofing materials;

1 lot of lathing and plastering matls.

Plans and specifications may be secured at the office of John P. Perrine, 323 Bank of America Bldg., Visalia, and at the school. * 15

BONDS DEFEATED
SAN JOSE, Santa Clara Co., Cal.—San Jose School District defeated bonds Feb. 1, 1935, in the amount of \$1,800,000. Proceeds were to have financed construction of a \$1,000,000 senior high school at 11th and Humboldt Streets, a \$500,000 senior high school at Park and Randolph Sts., and \$300,000 for a junior high school in Willow Glen. * 15

Bond Election
ADDITIONS Cost, \$250,000
SALINAS, Monterey Co., Cal.
 Addition of classrooms and gymnasium dressing rooms to the Junior College and addition of cafeteria and horticultural classroom to the agricultural building at the high school.
Owner—Salinas Union High School District.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 The Salinas Union High School District will vote Feb. 25 on a proposal to issue bonds in the amount of \$250,000, proceeds to finance construction of junior college and high school additions.

Plans Completed
SCHOOL Est. Cost, \$50,000
TRACY, San Joaquin Co., Calif. Eaton Ave., between Parker and Holly Drive.
 New elementary school.
Owner—Tracy Elementary School District (Henry A. McCrory, Clerk).
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
 Plans have been completed and forwarded to State Division of Architecture for approval.

Bids Wanted—To Close February 14, 8 P. M.
SHOP BLDG. Cost, \$7,000
FOWLER, Fresno Co., Calif.
 Structural steel and wood frame agricultural shop building (composition roof, steel sash, concrete floors, stucco exterior).
Owner—Fowler Union High School District.
Architect—Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno.

Bids Wanted—To Close March 4, 8 P. M.
SCHOOL Cost, \$50,000
KERN COUNTY, Cal. Near Shafter.
 One-story reinforced concrete school building on Richland school site.
Owner—Richland Grammar School District, c/o Clerk
Architect—Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno.

Bids Opened
MOVE SCHOOL Cost, \$.....
NILES, Alameda Co., Calif. Second and School Streets.

Move a 5-classroom frame and stucco building now on the site of the Niles Grammar School, approximately 200 feet, and reconstruct on new foundations, to provide room for a new one-story school bldg. (approx. 62x125-ft.) containing approx. five classrooms, two toilet rooms, administration offices and auditorium to seat 400; (reinforced conc. footings, wood frame and stucco building, auditorium will be steel frame and reinforced concrete; tile roof). Est. cost, \$90,000.
Owner—Niles School District.
Architect—John J. Donovan, 950 Parlier St., Berkeley.
Low Bidder—E. E. Dias, P. O. Box 121, Niles, \$3,994.

Working drawings are now being completed and bids will be asked for construction of the new school building in about one month.
 Complete bids follow:
 E. L. Dias, Niles.....\$3,994
 Willis F. Lynn, Oakland.....4,240
 A. F. Anderson, Oakland.....4,246
 W. K. Van Bokkelen, Oakland.....4,796
 Pierson & Johnson.....4,796
 Nelsen & Erbentraut, San Jose 4,885
 Hansen Bros., San Francisco.....4,912
 Miller & McGillis, S. F.....5,479
 Bids referred to the District Attorney's office.

Contract Awarded
SCHOOL Cont. Price, \$33,226
MADERA COUNTY, Calif.
 New frame and stucco and stucco grammar school to contain three classrooms and auditorium (tile roof, new toilets).
Owner—Ripperdan School Dist., c/o Clark, Madera.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Contractor—R. W. Brown Const. Co., 118 S Kay St., Madera.
 Contract awarded on basis of acceptance of alternates 1, 6, 7 and 12. Three low basic bids received follow:
 R. W. Brown Const. Co., Madera.....\$33,799
 Limer & Allen, Merced.....34,046
 John E. Saterstad, Madera.....34,066

Sub-Contracts Awarded
ASSEMBLY HALL Cont. Pr., \$23,540
COURTLAND, Sacramento Co., Calif.
 One-story frame and stucco assembly building with balcony to seat 800, composition roof, stage equipment, etc., at Courtland High School.
Owner—Courtland Joint Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Peterson Const. Co., 1708 Q St., Sacramento.
Roofing—F. A. Clark Roofing Co., Rt. No. 1, Box 1888.

Plumbing & Heating—Romack Plbg. Co., 1322 O St.
Electric Wiring—Starmer & Mayhood, Texas St., Fairfield.
Sheet Metal—Jos. H. Mendenhall, 321 N 12th St.
Tile Work—H. P. Fischer Tile & Marble Co., 1219 Jay St.
Glass—W. P. Fuller & Co., 1013 12th Street.
Window Shades—Gill-Mann Co., 160 2nd St., San Francisco.
Reinforcing Steel—Wm. Weaver, 2517 First Avenue.
Miscellaneous Iron—The Palm Iron & Bridge Works, P. O. Box 746.
Lumber—Noah Adams Lumber Co., Walnut Grove.
Mill Work—Moore and Garlick, 1716 Alhambra Blvd.
Lathing and Plastering—Thomas F. Scollan Co., 2919 T Street.
Concrete—Carl R. Fiedler.
 All of Sacramento unless otherwise noted.

Bids Wanted—To Close February 14, 11:30 A. M.
KINDERGARTEN Cost, \$.....
MERCED, Block 75, Cor. of L and 23rd St.
 Construction of a kindergarten bldg.
Owner—Merced Union Grammar Sch. District.
Architect—E. J. Kump, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the architect's office and from W. E. Bedesen, Civil Engineer, Merced, upon deposit of \$10, returnable.
 Bids must be accompanied by a certified or cashier's check in the amount of 10% of bid, payable to the Chairman of the School Board, and will be opened in the John Muir School, Merced.

CONTRACT AWARDED
LOS ANGELES, Calif.—J. & B. Constr. Co., 5572 1/2 Valley Blvd., at 330,021, awarded contract by the Los Angeles Board of Education for construction of a 1-story reinf. concrete auditorium and classroom building at the Aragon Avenue School. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

LOW BIDDERS
LOS ANGELES, Calif.—William J. Shirley, 1724 S. Vermont Ave., submitted low bid to Los Angeles Bd. of Education, at \$59,775, for construction of a classroom and auditorium building at the Rio Vista School, 4235 Satsuma Ave., North Hollywood. Other low bids were: Plumbing, Hickman Bros., 471 8th St., San Pedro, \$4134; heating and ventilating, J. B. Welsh, 513 South Granada, Alhambra, \$740; painting, Hoelzel-Emig Co., 1788 W. 24th St., \$1786; electric, Fielding Elec. Co., 2416 W. Slauson, \$1754. Charles M. Hutchison, 1132 Central Bldg., architect; Wm. Mellema, structural engineer; O. O. Ott, mechanical engineer. 15

Low Bidders
SCHOOL ADDITION
OLYMPIA, Wash.
 Addition to Washington Grad. school for Junior High School.
Owner—School District 320, Thurston Co., Wash. (Harry L. Wortman, Clerk).
Architect—Joseph H. Wohleb, Chambers Bldg., Olympia.
Low Bidder—Standard Constr. Co., Perkins Bldg., Tacoma—\$116,360.
 General Installation Co., Olympia, at \$37,739, submitted low bid for plumbing and heating work, and Raymond Electric Co., Tacoma, at \$10,820, submitted low bid for electric work. 15

CONTRACT AWARDED
LOS ANGELES, Cal.—Brunzell & Jacobson, 2150 Princeton Ave., at \$41,939, awarded contract by Los Angeles Board of Education, for construction of a reinforced concrete cafeteria building (65 x 208 ft.) at Manual Arts high school, 4131 S. Vermont Ave. Low bid of G. P. Kristenson was rejected on basis of error. John and Donald B. Parkinson, architects, 434 Title Insurance Bldg.; J. G. Middleton, structural engineer; E. L. Ellingwood, mechanical engineer. 15

BIDS OPENED
VENTURA CO., Cal.—George Macleed, 1539 San Nicholas, Ventura, submitted low base bid to Montalvo School District, at \$40,896, for construction of a new school building in Ventura County, a FWA project. Bids held under advisement. Other bids were: John C. Blystone, \$41,387; Hansen & Izer, \$41,993; Lowerd-milk & Carrico, \$43,978; Arthur Pinner, Jr., \$44,328; H. Mayson, \$45,000. Harold E. Burkett, architect, 468 E. Main St., Ventura. 15

BIDS WANTED
REDLANDS, San Bernardino Co., Cal.—Until February 16, 1 P. M. (bids to be opened at 2 P. M.) bids will be received by the Redlands Board of Education for a one-story classroom building to be built on the McKinley school site, Olive and Center Sts., Redlands. Bids will be taken on the following contracts: (1) general; (2) electric work; (3) plumbing; (4) heating; (5) painting; (6) roofing. Est. cost, \$109,000. Plans will be available at office of Architects Marsh, Smith and Powell, 568 Architects' Bldg., Los Angeles, after Jan. 31 upon deposit of \$25. Check or bid bond for 5% to accompany bid. 15

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 11, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for the construction of a one-story frame cafeteria bldg. at Ralph Waldo Emerson junior high school, 1650 Selby Ave., West Los Angeles. 15

Angeles. Est. cost, \$25,000. Plans by the architectural section of the board. A. S. Nibecker, Jr., architect. Separate bids will be taken as follows: (1) general work; (2) plumbing; (3) heating and ventilating; (4) painting; (5) electrical wiring. 15

LOW BIDDER

ANAHEIM, Orange Co., Cal.—Contracting Engineers Co., 2310 1/2 West Vernon Ave., Los Angeles, submitted low bid and was awarded contract by Anaheim Elementary School District at \$27,669 (including alt. bid and subject to PWA approval), for reconstruction of the Citron building at the John C. Fremont school, Anaheim, into a 5-unit art and domestic science building. 15

Preliminary Plans Prepared

SCHOOL Cost, \$.....
ORINDA, Alameda Co., Calif.
One-story frame and stucco grammar school to contain four classrooms.

Owner—Orinda School District.
Architect—H. H. Weeks, 593 Market St., San Francisco.
Orinda School District will vote bonds in the near future in the amount of \$30,000, proceeds to finance construction of grammar school.

Preparing Working Drawings

ADDITION Est. Cost, \$35,000
PIEDMONT, Alameda Co., Cal. 800 Magnolia Avenue.

One-story concrete library addition (40 x 70 ft.) to join study hall with business manager's office and supply rooms adjoining library, to conform with present architecture; terra cotta tile roof.
Owner—Piedmont High School.
Architect—H. H. Weeks, 593 Market St., San Francisco.

BIDS OPENED

DAVIS, Yolo Co., Cal.—The Regents of the University of California, Berkeley, opened bids January 31 for (1) floor covering, and (2) gymnastic and swimming pool equipment for the gymnasium under construction at the University Farm, Davis.

Complete bids follow:

Floor Covering

West Coast Linoleum & Carpet Stores, 2703 Mission St., San Francisco—\$2,635; alt. (1) \$900, (2) \$830.

Turner Resilient Floors, Inc., San Francisco—\$2,674; (1) \$930, (2) \$784.
Van Fleet-Frear Co., S. F.—\$2,883; (1) \$1,000.

L. E. Louis, Sacramento—\$2,909; (1) \$932, (2) \$1026.

Henry Rivel, Sacto.—\$2,921.22; (1) \$941.58.

Superior Tile Co., Oakland—\$2,974.
D. N. & E. Walter Co., San Francisco—\$3,283.52; (1) \$1,679.5; (2) \$628.

Gym Equipment

E. P. Finnigan, 314 12th St., San Francisco—\$6,072.09.
Dwan & Co., San Francisco—\$7,347.

Bids Wanted—To Close February 11, 8:00 P. M.

AUDITORIUM Est. Cost, \$20,000
SAN MATEO CO., Cal. Bayshore District.

One-story frame and stucco auditorium at the Bayshore School.
Owner—Visitation School District.
Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$20.

SUB BIDS WANTED

SAN FRANCISCO, Cal.—De Luca & Son, Inc., 1745 Filbert St., San

Francisco, are figuring plans and desire sub bids on all portions of the work for the construction of a lunch room at Sherman School, Union St., between Franklin and Gough Sts., for which bids will be opened Feb. 9, 2:30 p.m., by the Department of Public Works, Room 251, City Hall.

Contracts Awarded

ALTAIR, AT LOS Cost, \$.....
SAN FRANCISCO, 928 Van Ness. Miscellaneous alterations to bldg.

Owner—Pacific Finance Corp.
Architect—Martin A. Sheldon, Monadnock Bldg.

General Contractor—Wm. Martin, 666 Mission St., \$1,756.80.

Linoleum—D. N. & E. Walter & Co., Inc., 562 Mission St., \$544.16.

Electric Work—Decker Electric Construction Co., 538 Bryant St., \$678.

Heating—Beaumont Furnace & Sheet Metal Works, 4811 Geary St., \$740.

Plumbing—O'Mara & Stewart, Ltd., 218 Clara St., \$205.

Plans Completed

STORE BLDG. Cost, \$10,000
SAN JOSE, Santa Clara Co., Calif.
Willow Glen, Coe and Lincoln.

One-story frame store building (45 x 85-ft.) interior and exterior plaster.

Owner—Geo. H. Cain, c/o Architect. Lessee—Safeway Stores, Inc.

Architect—Charles McKenzie, Twohy Bldg., San Jose.

Plans will be figured this week.

Sub Contract Awarded

STORE BLDG. Cont. Pr., \$43,070
REDWOOD CITY, San Mateo Co.
Store building (57 x 135 feet).

Owner—Henry A. Beeger, 83 Duane, Redwood City.

Architect—Lazer L. Nausbaum, No. 9 Geary St., San Francisco.

Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Mill Work—Anderson Bros. Planing Mill & Mfg. Co., Quint and Custer Sts., San Francisco.

WORK STARTED

POMONA, Los Angeles Co., Cal.—Los Angeles County Fair (C. B. Aflerbaugh, manager, Pomona), started work this week on the construction of a reinforced concrete industrial exhibit building (100 x 350 ft.), the first of several new buildings to be built on the fair grounds in Pomona, a WPA project. Cost, approximately \$115,000. Program calls for the construction of two more large buildings and a number of other improvements over a two-year period, the total cost to be approximately \$1,000,000. Peter Ficker, architect, 645 E. Holt Ave., Pomona.

Plans Being Figured—Bids Close Feb. 14, 2 P. M.

STORE BLDG. Cost, \$10,000
SAN JOSE, Santa Clara Co., Calif.
Willow Glen, Coe and Lincoln.

One-story frame store building (45 x 85 ft.), interior and exterior plaster.

Owner—Geo. H. Cain, c/o Architect. Lessee—Safeway Stores, Inc.

Architect—Charles McKenzie, Twohy Bldg., San Jose.

Plans are being figured by the following selected list of contractors:

Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Dan Caputo, 401 Illinois Ave., San Jose.

M. J. Reeves Heating Co., 959 Natoma St., San Francisco.

Nielsen & Erbenraut, 201 S. Market St., San Jose.

W. M. Caldwell, 1241 Hedding St., San Jose.

Henry A. Bridges, 1398 Lincoln Ave., San Jose.

Plans Completed
GYMNASIAM Est. Cost, \$25,000

DURHAM, Butte Co., Cal.
One-story high school and gymnasium building.

Owner—Durham Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans have been forwarded to the State Division of Architecture for approval.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 9, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for laying mastipave in kitchen off of teachers' lunch room (5 x 12 ft.) at Sunnyside School, Hearst Ave., bet. Foerster and Edna Sts.

Specifications may be obtained from Superintendent of Bldgs. R. A. Chisholm, 484 11th St.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 9, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for sanding and refinishing floor in Room No. 1, in Veterans' Bldg., War Memorial.

Specifications may be obtained from Superintendent of Buildings R. A. Chisholm, 484 11th St.

IF—BANKS, STORES AND OFFICES**Bids Rejected**

ADDITION Cost, \$.....
FRESNO, Fresno Co., Cal. 2126 Inyo Street.

Brick addition to store building.
Owner—Pacific Tent & Awning Co., 2126 Inyo St., Fresno.

Architect—H. Rafael Lake, Mattel Bldg., Fresno.

All bids received Jan. 21 have been rejected. Previous low bid submitted by Ericson & House, Fresno, at \$13,465.00.

Plans Being Figured—Bids Close Feb. 8, 12 Noon

MEDICAL BLDG. Est. Cost, \$25,000
PETALUMA, Sonoma Co., Calif.
One-story frame medical building.

Owner—C. C. Boyson, c/o Architect. Architect—George H. Wisemeyer, 605 Market St., San Francisco.

Plans are being figured by a selected list of contractors.

PLANS BEING FIGURED

LOS ANGELES, Calif.—Architects W. Asa Hudson and Gene H. Brockover, 450 N. Beverly Dr., Beverly Hills, are taking bids from a selected list of contractors for a one-story market building, 100 x 120 ft. In area, to be built at the northeast corner of Doheny Dr. and Burton Way, Beverly Hills, for Stanley Anderson. Bids to be submitted in about a week. 16

Sub Contracts Awarded

OFFICE BLDG. Cont. Pr., \$7,539
SANTA ROSA, Sonoma Co., Calif.
Santa Rosa Ave.

One-story reinforced concrete store building (40 x 50 ft.), tile roof.

Owner—Mr. Virgil Clark, c/o Architect—William Herbert, Rosen-berg Bldg., Santa Rosa.

Contractor—Joseph Chirhart, 431 Tenth St., Santa Rosa.

Roofing—Don E. Mohr, c/o Napa Lumber Co., Napa.

Plumbing—Geo. Mitchell, 513 Third St., Santa Rosa.

Electric Wiring—Karl F. Stolling, 1067 4th St., Santa Rosa.

Heating—Ed. Holtz Sheet Metal

Works, 411 Third St., Santa Rosa. Sheet Metal—D. E. Metzger, 893 4th St., Santa Rosa.
Lumber—Sterling Lumber Co., 32nd and Ette Sts., Oakland.
Painting—C. W. Sullivan & Son, 606 Spencer Ave., Santa Rosa.
Lathing and Plastering—Paul J. Lindau, 533 Humboldt St., Santa Rosa.

Plans Completed
ALTERATIONS Cost, \$.....
SAN FRANCISCO. Twenty-fourth and Kansas Streets.
General alterations to present bldg. including remodeling entrance, and new waiting room on fifth floor.

Owner—National Lead Company.
Architect—A. R. nold Constable, 580 Market Street.

Plans will be figured shortly by a selected list of contractors.

Contract Awarded
TELEPHONE EXCHANGE BLDG. Cost, \$.....

SALINAS, Monterey Co., Cal. Pajaro St., bet. E. San Luis and Allsall.
General work for two-story and basement steel frame and fire-proof telephone exchange bldg. to house new central office equipment.

Owner—Pacific Telephone & Telegraph Co. (N. W. Black, local manager).

Plans by Engrg. Dept. of Owner.
Contractor—Monson Bros., 475 Sixth St., San Francisco.

As previously reported, contract for excavation work, pile driving, foundation work and erection of steel was awarded to Monson Brothers.

CONTRACT AWARDED
LOS ANGELES, Calif.—Jackson Bros.-LeSage, 547 S Fairfax Avenue, will build a 1-story frame and stucco store building (162x90-ft.) at the NE corner of Wilshire Blvd. and Crescent Heights Blvd. for Winifred Mankowski. Kemper Nomiand, 605 Architects' Bldg., architect. 16

18—WHARVES & DOCKS

Plans Being Figured—Bids Close February 9, 10 A. M.
SUB-TERMINAL PLANT Cost, \$.....
PORT OF STOCKTON, San Joaquin County, Calif.

First unit of sub-terminal plant for bargin, to consist of frame office building, warehouse, loading racks, docking facilities, railroad spur, grading and road work.

Owner—General Petroleum Corporation of California.
Plans are being figured by a selected list of contractors.

OAKLAND, Calif.—Until Feb. 14, 4:30 p.m. (as previously reported), bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for a sprinkler system to be installed under the deck of the Ninth Avenue pier extension.

Plans and specifications may shortly be obtained from the above office upon deposit of \$25.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
ALCATRAZ, Cal.—Technical Radio Co., 1254 Market St., San Francisco, at \$430 was awarded contract by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz under Invt. No. 1292, Spec. No. 57, for general overhaul of main base

transmitter at Alcatraz and rebuilding transmitter on launch McDowell. 19

February 3, 1938

BIDS WANTED
EL CENTRO, Imperial Co., Cal.—Until Feb. 8, 10 A. M., bids will be received by the Board of Directors of Imperial Irrigation District, El Centro, for construction of 33,000-volt transmission lines in Imperial Valley; Spec. No. 4.

Bid opening date previously reported February 3, which was an error.

The work involves:
(1) 81 ml. No. 20 copper or equivalent ACSR conductor transmission lines;
(2) 31 ml. No. 2 copper or equivalent SCSR conductor transmission lines.

Spec. No. 4 available from above upon deposit of \$10. This is PWA Project 1088-P. D. The work will connect the hydro-electric plant at drop No. 4 on the canal with the Diesel standby plant at Brawley, with loop lines by way of Holtville and the other by way of Calexico and El Centro. Branches to Westmoreland and Calipatria will be constructed.
The detailed quantities are:

SCHEDULE 1

Construction of 33,000-volt Transmission Line with Copper Conductors:

Erecting in place, under Items 1 to 13, incl., the following classification of poles:

- (1) 3 poles, 25 ft 6 in top;
- (2) 37 poles, 30 ft 6 in top;
- (3) 16 poles, 35 ft 6 in top;
- (4) 3 poles, 40 ft 7 in top;
- (5) 1283 poles, 45 ft 8 in top;
- (6) 25 poles, 45 ft 9 in top;
- (7) 260 poles, 50 ft 8 in top;
- (8) 158 poles, 55 ft 8 in top;
- (9) 78 poles, 60 ft 8 in top;
- (10) 32 poles, 65 ft 8 in top;
- (11) 24 poles, 70 ft 8 in top;
- (12) 1 pole, 75 ft 8 in top;
- (13) 2 poles, 80 ft 8 in top;

Erecting in place, on poles covered by preceding Items 1 to 13, incl., under Items 14 to 27, incl., the following classification of pole heads:

- (14) 1592 heads (single arm);
- (15) 45 heads (double arm);
- (16) 22 heads (single arm);
- (17) 68 heads (double arm);
- (18) 36 heads;
- (19) 7 heads;
- (20) 15 heads;
- (21) 5 heads (single line arm);
- (22) 7 heads;
- (23) 27 heads (single arm);
- (24) 4 heads (double arm);
- (25) 1 head (single arm, single circuit);
- (26) 18 heads;
- (27) 1 head;

Erecting in place, under Items 28 to 34, incl., the following classification of struc:

- (28) (single arm), 4 struc with two 60-ft poles;
- (29) (single arm), one struc with two 65-ft poles;
- (30) 1 struc with two 60-ft poles;
- (31) (special), 1 struc with two 60-ft poles;
- (32) 2 struc with three 70-ft poles;
- (33) 2 struc with three 70-ft poles;
- (34) 1 struc with two 65-ft poles;

Erecting in place, on existing district poles carrying 4-kv Primary Lines, under Items 35 to 37, incl., the following classification of pole heads:

- (35) 33 heads;
- (36) 2 heads;
- (37) 4 heads;

Erecting in place, under Items 38 to 47, incl., the following classification of guying details;

- (38) 38 down guys, 5/16-in H S guy strand;
- (39) 268 down guys, 3/8-in H S guy strand;

- (40) 45 down guys, 7/16-in H S guy strand;
- (41) 74 head guys, 5/16-in H S guy strand;
- (42) 3 head guys, 3/8-in H S guy strand;
- (43) 2 head guys, 7/16-in H S guy strand;
- (44) 3 arm guys, 5/16-in H S guy strand;
- (45) 282 15-in concr anchor per drawing EA-0027 complete with 3/8"x8-ft rod;
- (46) 69 20-in concr anchor per drawing EA-0026, complete with 3/8"x8-ft rod;
- (47) 147 guy guard as per Item 32 of the material list EA-0005;
- Stringing in place on poles and struc covered by preceding Items 1 to 34, incl. under Items 48 and 49, copper conductors as follows:
- (48) 81 ml of 3-wire circuit No 2/0 copper conductors;
- (49) 30 ml of 3-wire circuit No 2 copper conductors;
- Stringing in place, on pole heads covered by preceding Items 35 to 37, incl. under Item 50, copper conductors as follows:
- (50) 1.1 ml of 3-wire circuit No 2 copper conductor;

SCHEDULE 2

Construction of 33,000-volt Transmission Line with ACSR Conductors.

Erecting in place, under Items 1 to 13, incl., the following classification of poles:

- (1) 3 poles, 25 ft 6 in top;
- (2) 37 poles, 30 ft 6 in top;
- (3) 16 poles, 35 ft 6 in top;
- (4) 3 poles, 40 ft 7 in top;
- (5) 918 poles, 45 ft 8 in top;
- (6) 20 poles, 45 ft 9 in top;
- (7) 242 poles, 50 ft 8 in top;
- (8) 152 poles, 55 ft 8 in top;
- (9) 75 poles, 60 ft 8 in top;
- (10) 32 poles, 65 ft 8 in top;
- (11) 24 poles, 70 ft 8 in top;
- (12) 1 pole, 75 ft 8 in top;
- (13) 2 poles, 80 ft 8 in top;

Erecting in place, on poles covered by preceding Items 1 to 13, incl. under Items 14 to 27, incl., the following classification of pole heads:

- (14) 1195 heads (single arm);
- (15) 45 heads (double arm);
- (16) 23 heads (single arm);
- (17) 61 heads (double arm);
- (18) 7 heads;
- (20) 15 heads;
- (21) 5 heads (single line arm);
- (22) 11 heads;
- (23) 27 heads (single arm);
- (24) 4 heads (double arm);
- (25) 1 head (single arm, single circuit);
- (28) 18 heads;
- (27) 1 head;

Erecting in place, under Items 28 to 34, incl., the following classification of struc:

- (28) 4 struc with two 60-ft poles (single arm);
- (29) 1 struc (single arm), with two 65-ft poles;
- (30) 1 struc (double arm), with two 60-ft poles;
- (31) 1 struc (special), with two 60-ft poles;
- (32) 1 struc with three 70-ft poles;
- (33) 2 struc with three 70-ft poles;
- (34) 1 struc with two 65-ft poles;

Erecting in place, on existing district poles carrying 4-kv primary lines, under Items 35 to 37, incl., the following classification of pole heads:

- (35) 35 heads;
- (36) 2 heads;
- (37) 4 heads;

Erecting in place, under Items 38 to 47, incl., the following classification of guying details:

- (38) 38 down guys 5/16-in H S guy strand;
- (39) 258 down guys, 3/8-in H S guy strand;
- (40) 45 down guys, 7/16-in H S guy

- strand;
- (41) 74 head guys, 5/16-in H S guy strand;
- (42) 8 head guys, 3/8-in H S guy strand;
- (43) 2 head guys, 7/16-in H S guy strand;
- (44) 3 arm guys, 5/16-in H S guy strand;
- (45) 272 15-in concr anchor complete with 3/8-in rod;
- (46) 69 20-in concr anchor complete with 3/8-in rod;
- (47) 147 guy guards as per Item 32 of the material list;
- Stringing in place on poles and struc. covered by preceding Items 1 to 34, incl., under Items 48 and 49, ACSR conductors as follows:
- (48) 81 mi 3-wire circuit, No 4/0 ACSR;
- (49) 30 mi 3-wire circuit, No 1/0 ACSR;
- Stringing in place, on pole heads covered by preceding Items 35 to 37, incl., under Item 50, ACSR conductor as follows:
- (50) 1.1 mi 3-wire circuit, No 1/0 ACSR. * 19

BIDS WANTED

HICKAM FIELD, T. H.—Until Feb. 14, bids will be received by the Purchasing & Contracting Officer, Hickam Field, for furnishing and installing an Alkildate valve at Hickam Field, T. H.

Plans and specifications obtainable at above office. * 19

BIDS WANTED

SAN FRANCISCO, Cal.—Until Feb. 13, 3 p.m., bids will be received by the U. S. Engineer Office, Division Engineer, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 668-28-93, for constructing and delivering afloat two 78-ft. 0-in. by 26-ft. 0-in. by 7-ft. 0-in. welded steel dump scoops, each composed of four pontoons to San Francisco Waterfront, California.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 19

AWARDS APPROVED

SANTA BARBARA, Calif.—PWA has approved the City of Santa Barbara's awards of the following contracts for the construction of a municipal swimming pool at Plaza Del Mar, Santa Barbara: Jack Bramlage, Cheltenham Dr., Santa Barbara, concrete and tile work at \$22,193; L. A. Cline, 3248 Long Beach Ave., Los Angeles, equipment and plumbing at \$17,900, and Charles M. Urton, 18 N. Calle Alamo, Santa Barbara, general work, at \$13,933. Henry W. Howell and Wm. A. Edwards, architects, 114 E. De La Guerra St., Santa Barbara. * 19

BIDS OPENED

BOULDER CITY.—Following bids were submitted to L. A. Water & Power Purchasing Agent, Jan. 27, for air conditioning hillside house No. 1, Boulder City; Spec. No. 2511: Harrison-Mitchell, Inc.—(A) \$3950, allowance for salvage, \$25; 1% 30 days.

Baker Ice Machine Co.—(A) \$4385, (C) \$4575; 1% 30 days.
O. K. Plumbing, Heating & Sheet Metal Co., (B) \$5486, net. * 19

LOW BIDDERS

WASHINGTON, D. C.—Hess Weld & Ship Barge Corporation, Philadelphia, (at steam propelled) one, \$1,856,675 each; two, \$1,836,675 each; three, \$1,831,674 each; four, \$1,826,676; (Diesel propelled) one, \$1,902,675 each; two, \$1,887,675 each; three, \$1,872,675 each; four, \$1,857,675 each, submitted apparent low bid to the U. S. Marine Commission, Washington, D. C., for construction of twelve

fast single-screw cargo vessels.

Tampa Shipbuilding & Engineering Co. submitted apparent second low bid, at (steam propelled) one, \$2,028,972 each; two, \$1,861,656 each; three, \$1,790,645 each; four, \$1,748,527 each; (Diesel propelled) one, \$2,129,458 each; two, \$1,946,126 each; three, \$1,864,965 each; four, \$1,815,663 each. * 19

BIDS OPENED

BOULDER CITY, Nev.—Harrison-Mitchell, Inc., 1643 N. El Centro Ave., Los Angeles, submitted low bid to the Los Angeles Water & Power Purchasing Agent, Jan. 27, at \$3450 (alternate), for air conditioning equipment for Boulder City; Spec. No. 2482.

The bids follow:
Harrison-Mitchell, Inc.—\$3450, allowance for salvage materials, \$75; 1% 30 days.

York Ice Machinery Corp.—\$3495, no allowance for salvage; net 30 days.

Baker Ice Machine Co.—\$4899, no allowance for salvage; 1% 30 days. * 19

20— MISC. SUPPLIES AND MATERIALS**CONTRACT AWARDED**

LOS ANGELES, Cal.—Mineralized Cell Wood Preserving Co., Seattle, at \$12,575.90, awarded contract by U. S. Engineer, Los Angeles, for 6960 ft. treated round wood piling deliv. to Centinela Ave. and Ballona Creek, and 21,000 ft. same deliv. to Compton Creek between Greenleaf and Raymond. Circ. Prop. 235. * 20

BIDS OPENED

ALAMEDA, Cal.—Powell Brothers, Harrison and Pearl Streets, Alameda, at \$2.67 per barrel, submitted low bid to the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for furnishing 320 barrels Portland cement.

Total bids follow:
Powell Bros., Harrison and Pearl Sts., Alameda—\$2.67.
Rhodes-Jamieson, Ltd., Alameda—\$2.681.
Transit Concrete, Ltd., Alameda—\$2.681. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 8, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for high grade plow steel, uncoated, preformed, lang lay, wire rope:

(1) 1000 ft. 5/16-in.;

(2) 1000 ft. 3/8-in.;

(3) 1000 ft. 1/2-in.;

(4) 1000 ft. 3/4-in.

Delivered to 2572 E. 27th St., Vernon. Circ. Prop. 268. * 20

CONTRACT AWARDED

GRAND COULEE DAM.—Columbia Steel Co., Denver, Colo., at \$88,887.16, awarded contract by the Bureau of Reclamation, Washington, D. C., for furnishing 1700 tons of deformed reinforcing bars for the Grand Coulee Dam, Columbia River, Wash. * 20

BIDS WANTED

COLORADO RIVER PROJECT, Tex.—Until February 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1009-D, for furnishing and delivering approximately 750,000 barrels of low-heat portland cement in bulk for the Marshall Ford Dam, Colorado River Project, Texas; job shipping point and/or cars at Rutledge, Texas.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 11, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-194, for furnishing and delivering miscellaneous castings, etc., job Rio Vista.

Bids will be taken on:

(1) 24 lengths 20-in. ID pontoon pipe

(2) 100 lengths 20-in. KD shore pipe

(3) 50 each pipe taper ends;

(4) 50 each eye bolts;

(5) 100 each washers for pipe sleeve bands;

(6) 2 each wye for shore pipe;

(7) 2 each gate valves for shore pipe.

Plans and specifications may be obtained from the above office.

BIDS WANTED

BOULDER CANYON PROJECT.—Until Feb. 17, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1030-D, for furnishing and delivering pipe, fittings, and valves for Units N-5 and N-6 of the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Materials will be installed by the Government; f.o.b. shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

SAN FRANCISCO.—As previously reported, until Feb. 24, 2 p.m., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing liquid asphalt road materials, including: (1) 736 tons MC-4 or MC-5 (2) 14 tons MC-2; and (3) 85 tons emulsified asphalt, for use on Sections A1 and A2, Route 1, Grand Canyon Desert View and Sections A1, A2 and B, Route 2, Grand Canyon South Entrance, Grand Canyon National Park, Coconino Co., Ariz.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, Phoenix. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Herrick Iron Works, 1729 Campbell St., Oakland at \$29.92 (1) and \$3.28 (2), awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing (1) steel girders and frames and (2) curb and angle bars for catchbasin for the remainder of the fiscal year. * 2

CONTRACT AWARDED

GILA PROJECT, Ariz.—Californian Portland Cement Co., Los Angeles at \$18,361 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1007-I for furnishing 55,000 barrels of modified Portland cement for the Gil Project, Ariz. * 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until February 16, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1031-D, for furnishing and delivering steel structures for the Metropolitan Water District and Southern California Edison Company transformer circuits and switching static at the Boulder switchyard, Boulder Canyon Project, Ariz.-Calif.-Nev. Structures will be erected by the Government, job shipping point and/or Boulder City, Nev.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

BOULDER CANYON PROJECT.—California Portland Cement Co., Los Angeles, at \$275,643 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1006-D, for furnishing 155,000 barrels of modified Portland cement for the All-American Canal, Boulder Canyon Project, Ariz.-Calif.-Nev. * 20

BIDS WANTED

COLORADO RIVER PROJECT. Texas.—Until Feb. 9, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1032-D, for furnishing and delivering approximately 750,000 bbls. of low-heat Portland cement in bulk for the Marshall Ford Dam, Colorado River Project, Texas; f.o.b. shipping point and/or Rutledge, Texas.

Plans and specifications may be obtained from the above office.

Bids opened Jan. 10, under Spec. No. 1009-D, were rejected. * 20

CONTRACT AWARDED

KENDRICK PROJ., Wyo.—Monolith Portland Midwest Co., Denver, at \$524,580 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1008-D, for furnishing approximately 210,000 barrels of modified Portland cement in bulk for Seminole Dam, Kendrick Project, Wyo. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Riverside Cement Co., 621 S. Hope St., at \$188,800, awarded contract by U. S. Engineer, Los Angeles, for 60,000 bbls. portland cement in paper bags delivered to Los Angeles county drainage area; Circ. Prop. 207. * 20

BIDS WANTED

BERKELEY, Cal.—Until Feb. 8, 10 a.m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing welded steel pipe as follows: (1) 2000 lf. 8-in.; (2) 2000 lf. 10-in.; (3) 1000 lf. 12-in. and (4) 1000 lf. 16-in.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

OAKLAND, Cal.—Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at \$291.55, submitted only bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 973, for furnishing 775 pieces of 2½-inch inside diameter asbestos cement water pipe. * 20

CONTRACT AWARDED

OAKLAND, Calif.—American Brass & Copper Co., 383 7th St., Oakland, at \$2077.77, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. 969, for (1) 384 2½-in. O D No. 15 stub gauge red brass seamless tube, and (2) 400 2½-in. O D by 2½-in. I D stub gauge red brass seamless tube. * 20

BIDS WANTED

SAN FRANCISCO.—Until Feb. 24, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing liquid asphalt road materials, including: (1) 736 tons MC-4 or MC-5; (2) 14 tons MC-2; and (3) 85 tons emulsified asphalt; for use on Sections A1 and A2, Route 1, Grand Canyon National Park, Coconino Co., Arizona.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Rds., Phoenix. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Globe Lumber Co., at \$700, awarded contract by U. S. Engineer, Los Angeles, for 20,000 board feet Douglas fir lumber delivered to Brazil and Exchange Sts., Los Angeles; Circ. Prop. 232. 20

BIDS OPENED

LOS ANGELES.—Following bids were submitted to the Los Angeles County Purchasing Agent, under Quot. No. 6212, for (1) spray gun; (2) 1 qt. cup and attachment; (3) one water trap and regulator; (4) 25 feet 5-ply hand-wrapped air hose with connections; (5) extra cup; (6) extra cover.

Bids were: Essick Machinery Co.—(1) \$26.50, (2) \$4.00, (3) \$14.25, (4) \$4.30, (5) \$1.32, (6) \$0.25. Alt. (1) \$25.00, (4) \$3.14; ½ of 1% 20 da.

Spray Gun Sales & Service—(1) \$23.80, (2) \$3.90, (3) \$13.60, (4) \$3.90, (5) \$1.53, (6) included in Item (5); 2% 20 da.

Binks Mfg. Co.—(1) \$30.00, (2) \$4.50, (3) \$16.00, (4) \$5.10, (5) \$1.50, (6) \$3.00; net.

Sears, Roebuck Co., Store 1008-9—(1) \$24.00, (2) \$4.50, (3) \$13.60, (4) \$4.50, (5) \$2.00, (6) \$2.50; net.

Sharpe Mfg. Co.—(1) \$19.20, (2) \$3.60, (3) \$12.48, (4) \$3.64, (5) \$1.60, (6) \$0.16; 2% 10 da.

Crown Spray Gun Mfg. Co.—(1) \$26.00, (2) \$4.00, (3) \$16.00, (4) \$6.25, (5) \$1.50, (6) \$0.30; 1% 10th prox.

Spraygun Corp.—(1) \$30, (2) \$4.50, (3) \$16.00, (4) \$4.80, (5) \$1.50, (6) \$5.00; 2% 15 da.

W. P. Fuller & Co.—(1) \$30.00, (2) \$4.50, (3) \$16.00, (4) \$5.10, (5) \$1.50, (6) \$0.30. Alt. bid, (1) \$22.10, (2) \$3.40, (3) \$12.75, (4) \$5.10, (5) \$1.27, (6) \$0.30; 2% 30 da. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 23, 2 p.m., bids will be received by Los Angeles County Supervisors for furnishing and installing one new 500-hp. water tube boiler and apparatus in power house (Bldg. GH-20), Los Angeles County General Hospital, 1100 Mission Road. Specifications 405. * 20

BIDS WANTED

MARIN COUNTY, Cal.—Until Feb. 4, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-92, for furnishing, delivering to Fort Cronkhite, Marin Co., the following steel items:

- (1) 1 door, complete with gudgeons, pine and bolt plate;
- (2) 1 louvre assembly, complete;
- (3) 4 angle frame and manhole covers;
- (4) 1 fixed ladder, complete with expansion bolt and shield;
- (5) 1 portable ladder;
- (6) 3 anchor rungs for portable ladder;
- (7) 3 roof vents;
- (8) 1 pattern for door gudgeons;
- (9) 1 pattern for door bolt lock.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 15, 2 p.m., bids will be received by Los Angeles County Supervisors for piping for deaerating feed water heater in power house (Bldg. GH-20), Los Angeles County General Hospital, 1100 Mission Rd. Spec. 431. * 20

BIDS OPENED

MARIN COUNTY, Cal.—Cheda Co., 214 Toll Road, San Rafael, at (1) \$12.50 per c.y., and (2) \$11.00 per c.y., submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-90 for furnishing transit - mixed

concrete for Fort Cronkhite, Marin County.

Bids were taken for (1) 130 c.y. of Class A portland cement concrete; and (2) 65 c.y. of higher test do.

Other bidders were Consumers Rock & Cement Co., (1) \$12.60; (2) \$11.25; and Bode Gravel Co., (1) \$13.00; (2) \$15.25.

All bidders will allow discount of 2% 30 days. * 20

BIDS WANTED

SOUTH GATE, Los Angeles Co., Cal.—Until Feb. 7, 7:30 P. M., bids will be received by the South Gate city council for furnishing materials as follows:

- (1) 92,400 lf. (approx. 16 tons) ½-in. def. re-steel (cut as follows): 385 pcs. 122½ ft. long; 360 pcs. 127½ ft. long;
- (2) 328 pcs. ¾-in. do (3-ft. length);
- (3) 1250 lf. 3-in. galv. ¾ pipe (7.616 wt.);
- (4) 1070 lf. 1.2-in. do (5.819 wt.);
- (5) 56 adjustable pop-up sprinkler 1-in. riser opening rotary full circle type;
- (6) 82 adjustable part circle pop-up sprinkler 1-in. riser opening;
- (7) 157 Parkway pop-up, full circle sprinkler, ¾-in. riser opening;
- (8) 176 Parkway pop-up, half circle sprinkler, ¾-in. riser opening;
- (9) 29 Parkway pop-up, quarter circ. sprinkler, ¾-in. riser opening;
- (10) 51 shrubby herid, adjustable full circle sprinkler, ½-in. riser opening;
- (11) 72 rectangular strip, adjustable sprinkler ½-in. riser opening;
- (12) 30 standard sport field pop-up with ½-in. live uebr protective cap and sleeve, full circle type sprinkler 1-in. riser opening;
- (13) 2 adjustable part circle sprinkler, with rubber cap and sleeve, 1-in. rise opening.

Bidders in bidding should state the unit prices.

Bids will not be accepted unless made on bid form prepared by the city and which may be obtained from the Supt. of Streets. Certified or cashier's check or bond for 5% must accompany each proposal. H. C. Pelffer, city clerk. * 20

CONTRACT AWARDED

BERKELEY, Cal.—Alameda Co., Calif.—Gimre Oil Co., at \$1,1274 (1) and \$0,1289 (2), awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing (1) 180,000 gallons; (2) 6000 gallons of gasoline for the fiscal year 1938. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Daugherty Lumber Co., at \$7562.50, 2%, awarded contract by U. S. Engineer, Los Angeles, for furnishing 375,000 board feet Douglas fir lumber, f.o.b. mill, Circ. Prop. 208. * 20

BIDS WANTED

TACOMA, Wash.—Until Feb. 14, 1 P. M., bids will be received by the Board of Contracts and Awards, Tacoma, for furnishing fire hose, including: 3000 ft. of 2½-inch fire hose with rocker lug couplings attached; 500-ft. of 1½-inch fire hose with rocker lug couplings; 300-ft. of ¾-inch chemical hose with 1-inch spanner hose type couplings attached.

Plans and specifications may be obtained from the above office. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

SHED, \$100; 1623 Beverly Pl., Berkeley; owner, B. S. Wells, Prem.; contractor, W. Holst, 2827 Park.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Drainage, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewerage Equipment
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

BIDS OPENED

LASSEN COUNTY, Cal.—M. A. Jenkins, 3569 "T" Street, Sacramento, at \$12,677 (Alt. A); and \$12,539.50 (Alt. B) submitted low bid to the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, for the construction of 3 timber stringer bridges with concrete decks on concrete pile bents between three miles south of Standish and Wendel on the Buntingville - Wendel Road, Lassen County.

Total bids follow:

M. A. Jenkins, 3569 Y St., Sacramento \$12,677 (Alt. A); \$12,539.50 (Alt. B)
 Franzini & Fredenburg, San Rafael, \$14,145.50 (Alt. A); \$13,575.00 (Alt. B).
 J. P. Brennan, Redding, \$14,721.50 (Alt. A); \$14,011.00 (Alt. B).
 A. Sola & Son, Oakland, \$14,901 (Alt. A); no bid on Alt. B.
 John Rocca, San Rafael, \$15,131 (Alt. A); no bid on Alt. B.
 W. K. Van Bokkelen, Oakland, \$16,499 (Alt. A); no bid on Alt. B.

21

BIDS WANTED

ASOTIN CO., WASH., AND NEZ PERCE CO., IDAHO.—Until March 1, bids will be received by the Washington Director of Highways, L. V. Murrow, Olympia, Wash., for paving with Portland cement and constructing a steel verticle lift bridge with reinforced concrete approach spans over Snake River on Washington Primary State Highway 3 and Idaho State Highway 9, Lewiston-Clarkston Bridge, Asotin Co., Wash., and Nez Perce Co., Idaho.

Work involves:

- (1) 41,650 c.y. excav.;
- (2) 7,347 sq. yds. and 74 c.y. cement pavement;
- (3) 9,340 c.y. concrete;
- (4) 19,500 ft. of steel foundation piling;
- (5) 1,450,000 lbs. carbon and 440,000 lbs. silicon struc. steel;
- (6) 157,000 lbs. cast steel;
- (7) 1,353,790 lbs. steel reinf. bars;
- (8) 93,000 lbs. machinery;
- (9) 30 MFMB terated timber and lumber;
- (10) 1287 ft. pipe culvert.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

21

BIDS WANTED

KLAMATH FALLS, Oregon.—Until February 14 bids will be received by the City of Klamath Falls, E. A. Thomas, Engineer, for the construction of three city bridges at Washington, Esplanade and Main Streets. Esplanade bridge will be concrete,

the others concrete and steel. Separate or inclusive bids will be received.

Plans and specifications may be obtained from the City Engineer.

BIDS WANTED

ASOTIN CO., Wash., and NEZ PERCE CO., Idaho.—As previously reported, until March 1 bids will be received by the Washington Director of Highways, L. V. Murrow, Olympia, Wash., for paving with Portland cement and constructing a steel verticle lift bridge with reinforced concrete approach spans over Snake River on Washington Primary State Highway 3 and Idaho State Highway 9, Lewiston-Clarkston Bridge, Asotin Co., Wash., and Nez Perce Co., Idaho, Wash., and Nez Perce

Work involves:

- (1) Lump sum, clearing and grubbing;
- (2) 32,860 c.y. unclass. excav. (Including all haul);
- (3) 790 c.y. struc. excav. (Including all haul);
- (4) 10 sta. finishing roadway;
- (5) 80 c.y. screened gravel surfacing;
- (6) 6410 sq. yd. cement concrete pavement, 14-day mix;
- (7) 937 sq. yd. cement concrete pavement, high early strength;
- (8) 44 c.y. cement concrete pavement bridge approaches slab, 14-day mix;
- (9) 30 c.y. cement concrete pavement bridge approaches slab, high early strength;
- (10) 449 ft. of No. 3 and 120 feet of No. 4 pavement header;
- (11) 34,790 lbs. pavement reinforcing Type 2;
- (12) 2116 dowel bars with rubber caps;
- (13) 2946 dowel bars without caps;
- (14) 2231 feet integral concrete curb;
- (15) 197 sq. yd. cement concrete driveway (14-day mix);
- (16) 992 sq. yd. 1-course concrete sidewalk (14-day mix);
- (17) 35 sq. yd. cement concrete sidewalk with Integral beams (14-day mix);
- (18) 296 feet heavy service curb guard;
- (19) 370 c.y. sack riprap (concrete, Class C);
- (20) 5 standard concrete catch basins with CI cover;
- (21) 3 special concrete or brick catch basins (city of Seattle standard);
- (22) 9 special curb inlet (city of Seattle standard);
- (23) 4 standard concrete or brick manholes;
- (24) 4 reinforced concrete fed aid markers;

- (25) reconstruct top to existing manholes;
- (26) remove 456 sq. yds. existing bituminous concrete pavement;
- (27) remove 193 feet of concrete curb;
- (28) remove 504 sq. yd. concrete sidewalk;
- (29) remove 138 feet of 8-inch and 48 feet of 12"-corrugated iron No. 16 gauge pipe;
- (30) 333 feet of 6-inch, 552 feet of 8-inch and 216 feet of 12-inch plain concrete or vitrified concrete sewer pipe;
- (31) 8000 c.y. struc. excav.;
- (32) 110 c.y. gravel backfill;
- (33) 5080 c.y. Class A, 1720 c.y. Class B concrete;
- (34) 320 c.y. Class B concrete in counterweight;
- (35) 2220 c.y. Class D concrete;
- (36) Furnish and drive four steel test piles;
- (37) 19,500 feet of steel foundation piling at site;
- (38) 491 driving and capping steel piles;
- (39) splicing 50 steel piles;
- (40) 30MFMB timber and lumber (cross treated);
- (41) 1,350,000 lbs. steel reinf. bars;
- (42) 1,450,000 lbs. structure carbon steel;
- (43) 440,000 lbs. struc. silicon steel;
- (44) 157,000 lbs. cast steel;
- (45) 285 copper seals;
- (46) 44 cast steel drains;
- (47) 1830 feet of reinforced concrete bridge railing;
- (48) wire rope and fittings;
- (49) 93,000 lbs. machinery;
- (50) Lump sum, roller bearings, mechanical and electrical equipment, operator's house and apral stairways; two machinery houses; 2 traffic barriers; two reflector units; abutment lights and connections; remove existing structure.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

BIDS WANTED

MADERA CO., Cal.—Until Feb. 11 10 a. m., bids will be received by the State Division of Highways, R. M. Gillis, District Engineer, District VI State Highway Bldg., Fresno, for the construction of a reinforced concrete bridge across Cottonwood Creek Overflow, about four mi. south of Madera, Madera Co., Calif.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—E. J. Smith, 1636 "B" Street, Eureka, a \$36,917 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for the construction of a reinforced concrete slab bridge across Jordan Creek, at miles south of Scotia, consisting of six 22-foot spans, one 24-foot span and one 15-foot span on concrete piers with steel pile foundations at grading and surfacing with plan mixed surfacing approximately fifteen hundredths of a mile, Humboldt County.

CONTRACT AWARDED

SAN LUIS OBISPO CO., Cal.—S. J. Cummings, 4170 Falcon Street, San Diego, at \$23,898 was awarded contract by the State Division of Highways, Public Works Building, Sacramento, for the construction of timber bridge across San Juan Creek about 38 miles east of Santa Ma

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

garita, consisting of sixteen 19-ft. 0-in. spans on pile bents and grading and applying road-mix surface treatment to about 0.3 mile of roadway, San Luis Obispo County. * 21

LOW BIDDERS

MT. VERNON, Skagit Co., Wash.—Sound Building Co., Port Orchard, at \$33,887, submitted low bid to the Skagit County Engineer, W. A. Costello, for the construction of a pile trestle, pile bridge, road revision and timber trestle on Fir-Conway Bridge 299 over Skagit River.

Three low bids follow:
 Sound Bldg. Co., Pt. Orchard, \$33,887
 Croy-Lich, Bellingham, 34,220
 Amer. Pile Driving Co., Everett, 36,910 * 21

22—DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

SAN FRANCISCO, Calif.—Delta Dredging Co., Box 470, Pittsburg, California, at \$5080, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for exploration and dredging at the San Francisco Airport.

Work involves:
 (1) 22,000 c.y. excavation;
 (2) Jump sum, 2-in. soil samples and 14-in. soil samples;
 (3) 140 hours dredge rental.

Total bids follow:
 (A) Delta Dredging Co., Box 470, Pittsburg—\$5080.
 (B) A. S. Dutra, San Francisco—\$6084.65.
 (C) Heavy-Tibbitts Constr. Co., San Francisco—\$7360.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 0.10	\$ 0.10	\$ 0.16
(2).....	1900.00	1714.65	1600.00
(3).....	7.00	15.56	16.00

LOW BIDDER

COLUMBIA CO., Oregon—Harold Blake, 400 N. Thompson, Portland, at \$28,034, submitted low bid to the U. S. Engineer Office, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-302, for performing all work for the diversion of Tank Creek in Beaver Drainage District, requiring the construction of the diversion canal and its appurtenant levees, construction of a wood stave tide box, a concrete spillway, a 42-in. syphon, a 48-in. culvert through the highway, and the excavation of a lateral drainage ditch, Columbia County, Ore. * 22

CONTRACT AWARDED

SEATTLE, Wash.—Puget Sound Bridge & Dredging Co., 2929 16th SW, Seattle, at \$23,075, awarded contract by the U. S. Engineer Office, 754 Central Bldg., Seattle, for dredging about 325,000 c.y. of material from Everett Harbor, Wash. * 22

APPLICATION FILED

SAN LUIS OBISPO CO., Cal.—Application has been made by San Luis Obispo County to construct a pile barrier at right angles to the water line of Pismo Beach at LaGrande Beach Subdivision located on San Luis Obispo Bay, by driving timber piling 5 ft. on centers projecting 5 ft. above the beach surface and extending from the beach covered by extreme high tide to that portion reached by the low water line in extreme low tide, San Luis Obispo Bay, on property belonging to the County of San Luis Obispo, about 1 1/2 mi. southwest of the town of Oceano.

Drawings showing location and plan of the proposed work may be seen

at the office of the U. S. Engineer, 751 S. Figueroa St., Los Angeles, until 11 A. M., February 5, 1938. Interested parties are invited to inspect these drawings and to submit in writing, in triplicate, on or before said date, any objections based on navigation interests that they may have to said work.

Objections based on other than navigation interests cannot be considered. * 22

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal.—Frank Contracting Co., 305 Boscana St., San Francisco, at \$10,005 (\$0.145 per cu. yd.), submitted low bid and was awarded contract by the Richmond City Council, City Clk., City Hall, for 69,000 c.y. dredging at Ford Channel, Richmond Inner Harbor.

San Francisco Bridge Co., San Francisco, at \$11,730 (\$0.17), submitted only other bid. * 22

BIDS WANTED

LOS ANGELES, Cal.—Until eb. 23, 2 p.m., bids will be received by the Los Angeles County Supervisors for dredging at Alamitos Bay, approximately 155,000 c.y. material to be placed in fill on designated area, remaining material going to waste.

Items to be bid on are:
 (1) 400,000 c.y. excav.;
 (2) 8600 lbs. placing drainage pipes and gates.

C. H. Howell, 751 S. Figueroa St., Los Angeles, Chief Engineer. Specifications may be obtained from the office of the engineer; Mame B. Beatty, 501 Hall of Records, Clerk of the Board. * 22

23—CANALS

CONTRACT AWARDED

GILA PROJECT, Ariz.—Metropolitan Const. Co., 208 W. 8th St., Los Angeles, at \$337,375 was awarded contract by the Bureau of Reclamation, Washington, D. C., for the construction of the Gila River crossing, Sta. 752 plus 50 to Sta. 795 plus 00, gravity main canal, Gila Proj.; Spec. 740, located about 10 miles east of Yuma. * 23

BIDS WANTED

SUN RIVER PROJECT, Mont.—Until Feb. 25, 10 a.m., bids will be received by the Bureau of Reclamation, Fairfield, Mont., under Spec. No. 773, for the construction of earthwork and structures, Mill Coulee laterals 26 to 31, Sun River Slope laterals 71 to 98, and sublaterals, Greenfields and Sun River Slope divisions, Sun River Project, Montana.

Plans and specifications may be obtained from the above office. * 23

BIDS OPENED

OWYHEE PROJECT, Ore.-Ida.—Henry L. Horn, Caldwell, Idaho, at \$23,315.70, submitted low bid to the Bureau of Reclamation, Boise, Ida., under Spec. No. 1016-D, for the construction of structures, South Canal laterals, S.C. 13.8 to 23.3 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

Total bids follow:
 Henry L. Horn, Caldwell, Idaho—\$23,315.70.
 Fife & Co., Nyssa, Ore.—\$23,969.
 David A. Richardson, Ontario—\$25,943.80.

R. G. Nichol, Vale—\$28,417.80.
 Geo. B. Henly Constr. Co., Ontario—\$30,446.
 Morrison-Knudsen Co., Inc., Boise—\$30,653.75.

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 23

BIDS OPENED

OWYHEE PROJECT, Oregon-Ida.—Geo. B. Henly Constr. Co., Ontario, Ore., at \$16,025, submitted low bid to the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1014-D, for the construction of earthwork, South Canal laterals, S.C. 0.1 to 5.7 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

Work involves:
 (1) 181,000 c.y. excav., common, for laterals;
 (2) 2,000 c.y. excav., rock, for laterals;
 (3) 3,000 sta. c.y. overhaul.

Total bids follow:
 (A) Geo. B. Henly Constr. Co., Ontario, Ore.—\$16,025.
 (B) J. A. Terteling & Sons, Boise, Idaho—\$19,893.
 (C) Henry L. Horn, Caldwell—\$19,895.
 (D) A. L. Nelson, St. Anthony—\$19,997.50.
 (E) Morrison - Knudsen Co., Inc., Boise—\$20,830.
 (F) H. J. Adler Constr. Co., Yakima, Wash.—\$21,030.
 (G) H. E. Cornell, Boise—\$33,825.

Unit prices follow:

	(1)	(2)	(3)
(A).....	\$0.085	\$0.20	\$0.08
(B).....	.103	.55	.05
(C).....	.195	.40	.03
(D).....	.09%	1.10	.05
(E).....	.11	.40	.04
(F).....	.11	.50	.04
(G).....	.175	1.00	.05

BIDS OPENED

OWYHEE PROJECT, Oregon-Ida.—David A. Richardson, Ontario, Ore., at \$16,197, submitted low bid to the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1015-D, for the construction of structures, South Canal laterals S.C. 0.1 to 5.7 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

Total bids follow:
 David A. Richardson, Ontario, Oregon—\$16,197.

R. F. Nichol, Vale, Ore.—\$19,329.
 Henry L. Horn, Caldwell, Idaho—\$19,345.50.
 Fife & Co., Nyssa, Ore.—\$19,681.50.
 Morrison-Knudsen Co., Inc., Boise, Idaho—\$22,447.

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 23

25—MACHINERY AND EQUIPMENT

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 10, 2 p.m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for 15 flow meters for each of the following pumping plants: Intake, Gene, Iron Mtn., Eagle Mtn. and Hayfield. Certified or cashier's check, 5%, must accompany bid. Bid 94914. * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Feb. 10, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 40545, Reg. No. 16701, for one 10-ft. single-drive, dual pneumatic-tired motor grader; f.o.b. Eureka, Cal. * 25

February 3, 1938.

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Feb. 10, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 40546, Reg. No. 16702, for one 10-ft. dual drive pneumatic-tired motor grader; f.o.b. Eureka, Cal. * 25

BIDS OPENED

FORT MASON, Calif.—Following submitted bids to the Quartermaster Supply Office, S. P. General Depot, Fort Mason, San Francisco, under Bid No. 928-38-204, for furnishing (1) three 5-gallon piston type hand-operated gasoline pumps, and (2) three gasoline tanks, 1000 U. S. gal. capacity; f.o.b. Presidio of San Francisco, Cal.

Acme Pump & Tank Co., New York (1) \$133.50; (2) \$93.33; 1% 10 da.

S. F. Bowser & Co., Inc., San Francisco—(1) \$178; 1% 10 da.
The Wayne Pump Co., San Francisco—(1) \$121.

Berkeley Steel Constr. Co., Inc., Berkeley—(2) \$71.36; 2% 10 da.
Boiler Tank & Pipe Co., Oakland—(2) \$63.50 net.

California Steel Products Co., San Francisco—(2) \$64.00; 2% 10 da.

Independent Iron Works, Oakland—\$73.20; 2% 30 da.

Montague Pipe & Steel Co., San Francisco—(2) \$84.80; 1% 10 da.

Service Station Equipment Co., San Francisco—(2) \$47.76; 2% 10 da.

Western Pipe & Steel Co., San Francisco—(2) \$71.36; 2% 10 da.

Reem Mfg. Co., Richmond—(2) \$71.36; 2% 10 da.

Shields Harper & Co., Inc., Oakland—(2) \$72.16; Alt. bid, \$88.40; * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of 24 4-cy. capacity dump trucks, with drivers, Circ. Prop. 247, opened by U. S. Engineer, Los Angeles were: (each bidder bidding on 8 trucks for 8000 hours):

Nick Vlachic, \$1.70 hour, total \$13,600; 2% 10 days.

D. W. Riley, \$1.70 hour, total \$13,600; disc. 1% 10 days.

E. L. Gustafson, Huntington Park \$1.75 hour, total, \$13,950; 2% 10 days.

M. & P. Truck Co., \$1.75 hour, total, \$14,000; 2% 10 days.

Sudden Service, \$1.75 hour, total \$14,000; ½ of 1% 10 days.

Nick Perscallo, \$1.75 hour, total, \$14,000; net.

F. D. Oneal, Long Beach, \$1.85 hr., total \$14,800; 3% 10 days.

Western Trucking Co., \$2.00 hour, total, \$16,000; 12½% 10 days.

Santo Tedesco, \$2.00 hour, total, \$16,000; 8% 10 days.

J. F. Pierce, \$2.00 hour, total, \$16,000; net.

Geo. J. Bock Co., \$2.25 hour, total, \$18,000; 5% 10 days. * 25

BIDS OPENED

SACRAMENTO, Calif.—Ruddy & Murray, Modesto, at \$1890, submitted low bid to the U. S. Engineer Office, Room 208, Post Office Building, Sacramento, under Circ. Prop. 1105-38-189, for the hire for 300 hours of Caterpillar tractors and scrapers for work along the Yuba River near Marysville, Calif.

Complete bids follow:

Ruddy & Murray, Modesto—\$6.30 per hr.; total \$1890.

Claude C. Wood, Stockton—\$6.50; \$1950.

Philips, Inc.—\$6.66; \$1998.

J. R. Reeves, Sacramento—\$7.00; \$2100.

Taylor Bros.—\$7.25; \$2175.

C. L. Strother—\$7.50; \$2250.

J. B. Gordon—\$7.85; \$2355.

Howard C. Strother—\$8.00; \$2400.

Hemstreet & Bell, Marysville—\$8.50; \$2550.

C. A. Baker, Sacramento—\$11.50; \$3450.

Earl Parker—\$8.00 per hour; alternate bid at \$6.50 per hour. * 25

CONTRACT AWARDED

OAKLAND, Calif.—Bill Wood Motor Co., Ltd., 3001 E. 14th St., Oak-

land, at \$2514.10, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 967, for furnishing five 1938 model Ford 85-hp. ½-ton commercial cars. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following bids were submitted to the U. S. Engineer, Los Angeles, under Circ. Prop. 236, for the rental of four 2-yard draglines for approximately 2,000 hours:

R. E. Campbell, one at \$5.35 per hour, total, \$10,700; 2% 10 days (Link Belt K48).

Minnis & Moody, one at \$6.90 per hour, total, \$13,800; Alt. \$6.75 per hr., total \$13,500 if own operator is used, 1% 10 days (Northwest 80D).

Rhoades Bros., one at \$6.95 per hour, total \$13,900; net (Lorraine 87).

H. B. Sweet, one at \$8.80 per hour, total, \$17,600; deduct \$1 per hour if own operator is used, 1%, 20 days, (Northwest 80D).

United Concrete Pipe Corp., two at \$7.25 per hour, total \$29,000; 3% 30 days (Lima 701 and Lima 1001).

B. W. Kuhn, four at \$7.00 per hour, total \$56,000; 1% 20 days, all or none (2 Northwest 80, 2 Limas, 1 Link Belt K55).

Pacific Crane & Rigging Co., Inc., one at \$7.50 per hour, total, \$15,000; net (Link Belt K55).

Ray Schweizer, one at \$13 per hr., for first 500 hours, \$9 for 1500 hrs., total \$20,000; one at \$19 per hour for first 500 hours, \$6 per hour for 1500 hrs., total \$14,000; one at \$9 per hr. for first 500 hrs., \$5 per hr. for 1500 hrs., total \$12,000; one at \$8 per hr. for first 500 hrs., \$4 per hr. for 1500 hrs., total \$10,000; 2% 10 days (Loram 87 or equal). If awarded on all all or none basis deduct \$3 per hour on first bid only. * 25

BIDS WANTED

DENVER, Colo.—Until Feb. 21, 2:00 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1033-D, for furnishing and delivering one ditch-cleaning and excavating machine of the crawler-traction and endless-chain, bucket-digging-unit type, to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Belle Fourche Project, South Dakota; job shipping point and/or South Dakota.

Plans and specifications may be obtained from the above office.

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until March 1, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for furnishing 46 33,000-volt transformers for use on the All-American Canal transmission lines now being constructed by the district. Specifications may be obtained from the Chief Engineer and General Manager, M. J. Dowd, Imperial, Calif. * 25

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until Feb. 21, midnight, bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, for 15 streamlined motor trains, each with a power unit and three trailers to accommodate 20 passengers, 10 on each side with seats facing forward and speed of equipment to be limited to six miles an hour for intramarine transportation on Treasure Island's thoroughfares during next year's Golden Gate International Exposition.

Persons interested should contact Mr. Frederick Weddleton, Chief of Concessions, at the Exposition office. * 25

BIDS WANTED

DENVER, Colo.—Until Feb. 9, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Pro. No. A-4247-A, for furnishing one gasoline engine generator set.

Plans and specifications may be obtained at the above office. * 25

CONTRACTS AWARDED

OAKLAND, Cal.—Chevrolet Motor Division General Motors Sales Corp., Oakland, at \$1589 (a), \$1308 (b), and International Harvester Co., Oakland, at \$1266.16 (c), were awarded contracts by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing fourteen trucks for the City of Oakland. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 8, 10 a. m., bids will be received by Metropolitan Water District, Los Angeles, for six horizontal centrifugal pumping units, each with capacity of 4000 g.p.m. against total head of 200 feet, Spec. 270. Certified or cashier's check, 10%, must accompany bid. Specifications will be available after 3 p. m., Feb. 1, from Room 1007, 306 W. Third St., Los Angeles. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 14, 12 M., bids will be received by Los Angeles County Purchasing Agent for use of 5 triple combination pumping engines with trade-in allowances on 3 used engines, delivered to 1406 Mission Road, Los Angeles; Quot. 6257. * 25

BIDS OPENED

LOS ANGELES COUNTY, Calif.—Bids for the rental of one 105-c.f. air compressor, with additional equipment when required, mounted on truck, for use at Whittier, opened by the State Highway Department, Los Angeles, were:

M. A. Pryor, Whittier: \$4.50 per hour. Chicago pneumatic air compressor, complete, mounted on trucks.

Frank S. Lake, Los Angeles: \$5.00, Gardner-Denver 160 compressor, complete, mounted on truck.

Ford Alexander Corp.: \$5; Ingersoll-Rand 125 compressor, mounted on truck.

CONTRACT AWARDED

KENDRICK PROJ., Wyo.—Footo Bros. Gear & Machine Corp., Chicago, at \$44,637 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 763, for furnishing three motor-driven gate hoists for operating the 14x50-ft. fixed wheel gates to be installed in the spillway of the Seminoe Dam, Kendrick Project, Wyo. * 25

CONTRACT AWARDED

GILA PROJECT, Ariz.—Hesse-Ersted Iron Works, Portland, Ore., at \$14,500 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1004-D, for furnishing one motor-driven double stem gate hoists for the sluice gates; and eight motor-driven double stem gate hoists for the diversion gates for Basin No. 3 for the desilting works for the Gila Valley Canal, Gila Proj., Ariz. * 25

CONTRACT AWARDED

RIO GRANDE PROJ., N.M.-Texas.—Ruth Dredger Mfg. Corp., Los Angeles, at \$15,880, disc. ¼% job Los Angeles, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1010-D, for furnishing one ditch-cleaning and excavating machine of the crawler-traction type and endless-chain bucket-digging-unit type, to be used for

cleaning, deepening and widening drains and canals and excavating new drains and canals on the Rio Grande Project, N. M.-Texas. 25

BIDS OPENED

DENVER, Colo. — Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1011-D, for furnishing radial gates and radial-gate hoists for North Cottonwood siphon, Heart Mountain Canal, Shoshone Project, Wyoming; Pilot Canal, Riverton Project, Wyoming, and for Boise Project, Idaho; f.o.b. shipping point and/or railroad destination of the bidder.

Total bids follow:
 Minneapolis-Moline Power Implement Co., Minneapolis, Minn.—Sch. 1, \$4347; wt. 28,990; net; f.o.b. Minneapolis.

The R. Hardesty Mfg. Co., Denver, Colo.—Sch. 2, \$2581; wt. 8550; net; f.o.b. Denver.

The Thompson Mfg. Co., Denver, Colo.—Sch. 1, \$4554; wt. 30,070; f.o.b. Cody, Wyo. and Denver; \$4401, f.o.b. Denver; ¼¢.

Hesse-Ersted Iron Works, Portland, Ore.—Sch. 1, \$4464.80; wt. 31,740; Sch. 2, \$2650; wt. 7900; Combination, \$7114.80; 2%; f.o.b. Portland.
 American Bridge Co., Denver, Col.—Sch. 1, \$5414; wt. 27,186; net; f.o.b. Gary, Ind.

Treadwell Constr. Co., Midland, Pa.—Sch. 1, \$6049; wt. 31,500; net; f.o.b. Midland.

Beall Pipe & Tank Corp., Portland, Ore.—Sch. 1, \$4025; wt. 27,900; Sch. 2, \$2208; wt. 9450; net; f.o.b. Portland.

St. Paul Foundry Co., St. Paul, Minn.—Sch. 1, \$5857; wt. 29,000; Sch. 2, \$3622; wt. 8600; Combination, \$9,239; net; f.o.b. destination.

The Smith Corp. d/b/a General Iron & Steel Works, Portland, Ore.—Sch. 1, \$3411; wt. 14,800; Sch. 2, \$1940; wt. 8450; net; f.o.b. Portland, Ore.

Valley Iron Works, Yakima, Wash.—Sch. 1, \$3559; wt. 25,900; Sch. 2, \$2169; wt. 6780; Combination, \$5550; 5%; f.o.b. Yakima.

Puget Sound Machinery Depot, Seattle, Wash.—Sch. 2, \$2577.50; wt. 5500; net; f.o.b. Seattle.

John W. Beam, Denver, Colo.—Sch. 1, \$3385; wt. 29,400; ¼%; f.o.b. Peotone, Ill.; Sch. 2, \$2100; wt. 12,100; f.o.b. Denver, Colo.

Warden-Allen Co., Milwaukee, Wis.—Sch. 1, \$3783; wt. 30,380; f.o.b. Milwaukee; Sch. 2, \$5865; wt. 10,430; f.o.b. Marquette, Mich.; net.

Olson Mfg. Co., Boise, Idaho—Sch. 1, \$4636.40; wt. 29,280; Sch. 2, \$1749.58; wt. 4900; net; f.o.b. Boise.

Commercial Iron Works, Portland, Ore.—Sch. 2, \$1804; wt. 8630; ¼%; f.o.b. Portland.

Berkeley Steel Constr. Co., Inc., Berkeley, Cal.—Sch. 1, 3610; wt. 29,500; ¼%; f.o.b. Berkeley * 25

BIDS OPENED

SAN BERNARDINO CO., Calif.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 38098, Reg. No. 1459, for one 10-foot diesel-powered dual drive motor grader; f.o.b. San Bernardino. Trade-in allowance to be made on Gallion McCormick Deering grader-tractor CHC 203.

Complete bids follow:
 Brown-Bevis Equipment Co., Los Angeles, \$5250; allowance \$1100; net \$4150; 2% 30 days.

Weaver-Rye Tractor Co., \$5029.84; allowance \$1233.95; net \$3795.89; disc. \$50 30 days.

Herberts Machinery Co., Ltd., \$5425; allowance \$750; net \$4675; 2% 30 days.

Crook Co., \$6011.25; allowance \$1,250; net \$4761.25; net.

J. E. Tucker, \$5400; allowance \$100; net \$5300; 2% 30 days.

Smith Booth Usher Co., \$5975; allowance \$1585; net \$4390; disc. 78 30 days; Alt. bid, \$5900; allowance \$1585; net \$4335; same disc. * 25

BIDS OPENED

SAN BERNARDINO CO., Calif.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 37978, Reg. No. 1479, for one 10-foot diesel-powered dual drive motor grader; f.o.b. San Bernardino. Trade-in allowance to be made on Gallion McCormick-Deering grader-tractor CHC 199.

Complete bids follow:
 Herberts Machinery Co., Ltd. —\$5425; allowance \$750; net \$4675; 2% 30 days.

Weaver-Rye Tractor Co.—\$5029.84; allowance \$1233.95; net \$3795.89; discount \$50 30 days.

J. E. Tucker —\$5400; allowance \$100; net \$5300; 2% 30 days.

Crook Co.—\$6011.25; allowance \$1,250; net \$4761.25; net.

Smith Booth Usher Co.—\$5975; allowance \$1460; net \$4515; disc. 78 for 30 days; Alternate bid: \$5900; allowance \$1460; net \$4440; same discount.

Brown Bevis Equipment Co.—\$51,250; allowance \$1100; net \$4150; 2% 30 days. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for RENTAL of 48 four cu. yd. dump-body trucks with drivers, Cir. Prop. 241, opened by U. S. Engineer, Los Angeles, were (bids on 8 trucks only unless otherwise noted):

Geo. J. Bock Co.—3% 10 da; \$225 hr; \$36,000.

Edward C. Knapp, Burbank—2% 10 da; \$223 hr; \$35,650.

Trueman Bowen, Ft. Peck, Mont.—¼ of 1% 10 da; 10 trucks 6½ yd; \$2,697.5 hr; 6 trucks 5 yd, \$2.15 hr.

Clarence Nees, Ft. Peck, Mont.—½ of 1% 10 da; \$170 hr; \$4,200.

N. Giorgi & Sam Bruno Feed & Fuel Co., San Francisco—2% 20 da; \$2.07 hr; \$33,120.

L. A. Rock & Gravel Corp.—2% 10 da; \$2.70 hr; \$43,200 for 8 trucks; \$2.375 hr; \$76,000 for 16 trucks; 6¼ to 7.13 cu. yd. capacity.

Robt. E. Griffith—6% 10 da, \$2.25 hr; \$36,000.

M & P Truck Service—1.75 hr; \$28,000.

Joseph Belasco—13¼% 10 da; \$2.00 hr; \$32,000.

G & H Truck Co.—1% 10 da; \$1.94 hr; \$31,040.

Santo Tedesco—8% 10 da; \$2.00 hr; \$32,000.

Nick Perscallo—7% 20 da; \$2.00 hr; \$32,000.

J. Starkenburg—1% 10 da; \$1.75 hr; \$28,000.

David Brunson & Partners—10% 10 da; \$1.89 hr; \$30,240.

J. F. Pierce—4% 10 da; \$2.00 hr; \$32,000.

F. O'Neal Long Beach—2½% 10 da; \$2.00 hr; \$32,000.

Western Trucking Co.—12¼% 10 da; \$2.00 hr; \$32,000.

Miller Transportation Co., North Hollywood; 5% 10 da; \$2.00 hr; \$32,000.

M. E. Hartman—2¼% 10 da; \$1.75 hr; \$27,426.

A. A. Edmondson—1½% 10 da; \$1.76 hr; \$28,160.

Vernon Copeland, North Hollywood—3% 10 da; \$1.80 hr; \$28,800. * 25

CONTRACT AWARDED

OAKLAND, Cal.—Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, at \$1285 was awarded contract by the City of Oakland Port Commission, foot of Grove St., Oakland,

for furnishing one ten-ton used road roller. * 25

26—RAILROADS

CONTRACT AWARDED

SAN FRANCISCO AND ALAMEDA COS., Cal.—Barrett & Hilp, 918 Harrison St., San Francisco, at \$370,283 (Proposal C), awarded contract by State Dept. of Public Works, San Francisco-Oakland Bay Bridge Division, for the construction of the catenary and feeders of the railway facilities of the San Francisco-Oakland Bay Bridge. * 26

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO.—Until Feb. 16, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19100, for widening and reconstructing Market Street between Eleventh and Haight Streets, San Francisco. Estimated cost, \$22,907.

Work involves:

- (1) 1450 lf. stone curb reset;
- (2) 500 sq. ft. stone curb redressed;
- (3) 350 lf. armored concrete curb;
- (4) 150 lf. new granite curb in place (tangent);
- (5) 3 brick catchbasins, using existing castings;
- (6) 3 brick catchbasins, complete;
- (7) 150 lf. 10-in. VCP culvert, in place;
- (8) 9 street and traffic signs reset;
- (9) 5 low-pressure fire hydrants moved;
- (10) 5 high-pressure fire hydrants moved;
- (11) 6300 lbs. new cast iron pipe and specials;
- (12) 500 lbs. lead;
- (13) 80 c.y. high-pressure pipe excavation;
- (14) 800 lbs. wrought iron bolts, nuts and washers;
- (15) 6 electric traffic signals relocated (vehicular);
- (16) 4 electric traffic signals relocated (pedestrian);
- (17) 1 traffic signal control box relocated;
- (18) 800 c.y. asphaltic concrete wearing surface removed;
- (19) 12,500 sq. ft. 8-in. class E 5-sack concrete pavement, parking lane;
- (20) 7500 sq. ft. 6-in. Class E 5-sack concrete base;
- (21) 920 tons asphaltic concrete base course;
- (22) 760 tons asphaltic concrete wearing surface;
- (23) 450 new cross-walk markers, in place;
- (24) 5500 sq. ft. two-course concrete sidewalk.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. * 29

BIDS WANTED

CALAVERAS, Stanislaus, Tuolumne and Amador Cos., Cal.—Until Feb. 15, 1:30 p.m., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center Street, Stockton, for applying diesel oil to roadside vegetation for about 175.5 roadside miles at various locations in Calaveras, Stanislaus, Tuolumne and Amador Counties, Calif. Work involves about 1250 barrels of diesel oil.

Plans and specifications may be obtained from the above office. * 29

LOW BIDDERS

NYE CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$41,872.44, submitted low bid to the Directors of the Department of Highways, State of Nevada, Memorial Bldg., Carson City, Nevada, for the construction of approximately 8.84 mi. state highway from the east boundary of Death Valley National Monument to Beatty, Route 58, Section A, Nye County, Nevada.

Three low bids follow:
 Nevada Rock & Sand Co.,
 Inc., Reno \$41,872.44
 Isbell Constr. Co., Reno..... 44,345.08
 Crow Bros. Constr. Co.,
 Los Angeles 47,177.27

Complete bids will be published shortly. * 29

CONTRACT AWARDED

21
HOOD RIVER CO., Oregon.—Frank Watt Const. Co., 309 Couch Building, Portland, at \$36,122 was awarded the contract by U. S. Engineer Office, Bonnevill, Ore., under Bid No. 694-38-197, for construction of an overhead railroad crossing and approach roads, road surfacing and system of drainage, a pump house, and miscellaneous concrete work at Hood River, Oregon. * 29

BIDS WANTED

EUREKA CO., Nevada.—As previously reported, until February 15, 2 p.m., bids will be received by the Directors of the Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 4.62 miles highway from a point on State Route No. 1 approximately 5.7 miles east of Dunphy to a point approximately 0.82 mile north of Beowawe, Route No. 21, Section B, Eureka County, Nevada.

Work involves:
 (1) 9 acres clearing;
 (2) 2680 l.f. remove fence;
 (3) 20 l.f. remove culvert pipe;
 (4) 3 each, remove culverts (timber);
 (5) 30,178 c.y. roadway excav.;
 (6) 600 c.y. drainage excav.;
 (7) 210 sta. V type ditches;
 (8) 21,330 yd. sta. overhaul (yard sta.);
 (9) 111 yd. mile overhaul (yard mile);
 (10) 655 c.y. struc. excav.;
 (11) 800 c.y. backfill;
 (12) 4.62 miles subgrade, Type C;
 (13) 10 M. gals. water;
 (14) 19,960 tons gravel surface;
 (15) 132 c.y. class A concrete;
 (16) 46 c.y. class B concrete;
 (17) 15,020 lbs. reinf. steel;
 (18) 244 l.f. 18-in. CMP;
 (19) 550 l.f. 24-in. CMP;
 (20) 102 l.f. 30-in. CMP;
 (21) 70 l.f. 36-in. CMP;
 (22) 20 l.f. relay culvert pipe;
 (23) 2,463 l.f. reconstruct fence;
 (24) 32 each, monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00, \$5.00 of which will be refundable.

State previously reported as California, which was an error. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento Feb. 16 and prices:

* IV SCI-5-C, overhead structure over Madrone Drive: PLANS (No. of Sheets) 6; (Cost) \$1.00; CROSS-SECTIONS (No Sheets) Total, \$1.00.

* V-SBT-119-D-E, between Palcines and Tres Pinos: PLANS (No. Sheets) 17; (Cost) \$1.70; CROSS-SECTIONS: (No. of Sheets) 80; (Cost) \$8.00; Total, \$9.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. * 29

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in San Benito County, between Palcines and Tres Pinos, road V-SBT-119-D-E, for which bids are to be received in Sacramento on Feb. 16, 1938.

Said representative will meet prospective bidders at Palcines, on Thursday, Feb. 10, 1938, at 10 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Imperial County, between New River and 2 miles west of Calipatria and between 5 miles and 2 miles west of Brawley, road XI-Imperial Feeder, for which bids are to be received in San Diego on February 11, 1938.

Said representative will meet prospective bidders at the Dulnick Hotel, Brawley, on Friday, Feb. 7, 1938, at 11:00 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

CONTRACT AWARDED

SAN FRANCISCO.—Heafey-Moore Co. and Fredrickson & Watson Const. Co., 344 High St., Oakland, at \$228,368.50 was awarded contract by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. ER-868-38-81, for the construction of a roadway, less paving and preparation of subgrade, on the west side of Yerba Buena Island, for a length of approximately 993 ft. from the southern end of the recently completed portion of the roadway to the S. F.-Oakland Bay Bridge. Roadway varies in width from 64 ft. to 130 ft. in a five-part grade separation structure. The construction of the roadway includes disposal of roadway excavation so as to continue the construction of the causeway fill from Yerba Buena Island to the fill to the north. * 29

BIDS WANTED

SACRAMENTO, Cal.—Until Mar. 1, 2 P. M., bids will be received by the Contracting Quartermaster, Sacramento Air Depot, for the construction and completion of runways and drainage at the Sacramento Air Depot.

Plans and specifications may be obtained at the above office upon deposit of \$10.00. * 29

LOW BIDDERS

SAN DIEGO COUNTY, Cal.—V. R. Dennis Const. Co., P. O. Box F. Sta. A, San Diego, at \$16,885.30 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and surfacing

with plant-mix surfacing about 0.2 mile on Douglass St. between Eagle St. and University Ave., San Diego.

Daley Corp., San Diego, at \$16,994.90 submitted second low bid.

Complete bids will be published shortly. * 29

BIDS WANTED

PINAL AND GILA COS., Ariz.—Until Feb. 11, 10 a.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Superior-Miami Highway, F.A. 16, 2nd Reop. (1938), A.F.E. 7009. The work, which begins about 3½ miles northeast of Superior and extends northeasterly across Oak Flat for a distance of about 1.6 miles, consists of grading, draining, aggregate base course, and curb and road mix, and is to be completed on or before Aug. 31, 1938.

The work involves:
 (1) 75,000 c.y. roadway excav.;
 (2) 7,500 c.y. slides and overbreakage;
 (3) 80 c.y. struc. excav.;
 (4) 123,000 cu. yds. overhaul;
 (5) 19,200 tons coarse aggregate base course;
 (6) 3,700 tons fine aggregate base course;
 (7) 61,000 lbs. reinf. steel;
 (8) 886 l.f. CMP (3 sizes);
 (9) 1,312 l.f. road guard;
 (10) 4,760 tons mineral aggregate;
 (11) 155 tons cutback asphalt, MC-4;
 (12) 51 tons cutback asphalt, MC-2;
 (13) 1.6 mi. processing road mix;
 (14) 280 tons screenings.

Plans and specifications may be obtained from the office of Howard S. Reed, State Highway Engineer. Certified or cashier's check, 5%. * 29

BIDS WANTED

ALAMEDA, CONTRA COSTA & SANTA CLARA COS., Cal.—until Feb. 7, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., San Francisco, for applying diesel oil to roadside vegetation for 111.5 roadside ml. at various locations in Alameda, Contra Costa and Santa Clara Cos., Calif.

Plans and specifications may be obtained at the above office. * 29

CONTRACT AWARDED

HARRINGTON, Lincoln Co., Wash.—Seattle Boiler Works, 1128 W. 45th St., Seattle, Wash., at \$10,450, submitted low bid and was awarded contract by the Town Council, H. Turner, Clerk, for 150,000-gal. capacity steel storage water tank with 50-ft. steel tower. Alternat. 1: 150,000-gal. capacity steel water tank (flat bottom), supported on concrete slab and tower; Alternat. 2: 150,000-gal. capacity concrete water tank supported by concrete slab and inclosed with concrete shell.

Total bids follow:
 Seattle Boiler Works, Seattle, Wash.—\$10,450.
 Pittsburgh-Des Moines Steel Co.—\$11,980.

Steel Tank & Pipe Co., Portland, Ore.—\$12,900.

King Bros., Portland—\$12,620.

Chicago Bridge & Iron Co., San Francisco, Cal.—\$13,675.

Fabricated Steel Const., Bethlehem, Pa.—\$15,575.

Alloway & Georg, Spokane, Wash., submitted a bid of \$13,813 (Alt. 1).

and \$15,913 (Alt. 2). * 33

BIDS WANTED

SONOMA, MARIN AND NAPA COS., Cal.—Until Feb. 7, 2:00 P.M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., San Francisco, for applying diesel oil to roadside vegetation for

about 191.2 roadside miles at various locations in Sonoma, Marin and Napa counties, Cal.

Plans and specifications may be obtained from the above office. * 29

COMPLETE BIDS

SAN DIEGO COUNTY, Cal.—V. R. Dennis Constr. Co., P.O. Box F, Sta. 1, San Diego, at \$16,865.30, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and surfacing with plant-mix surfacing about 0.2 mile on Douglass Street, between Eagle Street and University Avenue, San Diego.

Work involves:

- (1) 1 only, removing palm tree;
- (2) Clear and grub right of way;
- (3) 680 M. gals. water;
- (4) 470 c.y. roadway excav., without class;
- (5) 33c. c.y. struc. excav.;
- (6) 30,700 c.y. import borrow;
- (7) 21 c.y. remove concrete;
- (8) 700 tons crusher run base;
- (9) 520 tons mineral aggregate plant mix surf.;
- (10) 25 tons liq. asph., MC-5 or MC-extra heavy plant-mix surf.;
- (11) 2 tons liq. asph., SC-2 (prime coat);
- (12) 770 sq. yds. asph. paint binder;
- (13) 1,700 lbs. bar. reinf. steel;
- (14) 20 c.y. class A portland cement concrete strucs.;
- (15) 55 c.y. class A portland cement concrete curbs and sidewalks;
- (16) 328 lf. 24-in. stand. reinf. conc. pipe;
- (17) 220 lf. 18-in. CMP;
- (18) 103 lf. remove, clean and salvage exist. pipe culverts;
- (19) 4 each frames and gratings for catch basins;
- (20) 100 lf. remove and dispose of guard rail;
- (21) 1,000 lf. laminated guard railing;
- (22) 24 lf. pipe handrail.

Total bids follow:

- A) V. R. Dennis Constr. Co., San Diego—\$16,865.30.
- B) Daley Corp., San Diego—\$16,994.90.
- C) R. E. Hazard & Son, San Diego—\$18,721.25.
- D) B. G. Carroll, San Diego—\$18,979.50.
- E) Harry L. Foster, San Diego—\$22,312.75.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$25.00	\$15.00	\$30.00	\$50.00	\$50.00
(2)	500.00	100.00	100.00	100.00	250.00
(3)	.60	.90	1.00	.50	.65
(4)	.25	.30	.40	.30	.75
(5)	.90	1.00	.90	1.00	1.50
(6)	.25	.275	.37	.35	.42
(7)	2.00	4.00	2.00	3.00	2.00
(8)	3.25	2.00	1.50	2.00	2.00
(9)	4.25	2.50	3.00	3.50	3.80
(10)	13.00	15.00	15.00	15.00	17.75
(11)	15.00	40.00	15.00	20.00	20.00
(12)	.05	.03	.05	.05	.10
(13)	.05	.09	.05	.06	.07
(14)	20.00	30.00	20.00	20.00	23.00
(15)	13.50	16.00	12.00	15.00	17.00
(16)	2.30	2.85	3.00	2.75	3.25
(17)	.30	.50	.50	.30	.80
(18)	.30	.50	.75	1.00	1.00
(19)	17.50	25.00	25.00	15.00	25.00
(20)	.15	.10	.15	.50	.10
(21)	.75	1.25	5.00	1.00	.85
(22)	1.00	2.00	1.50	1.00	1.00

CONTRACT AWARDED

SANTA CLARA CO., Cal.—Bodenhamer Constr. Co., 1101 75th Avenue, Oakland, at \$71,873, awarded contract by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading, surfacing with gravel base, and applying armor coat to about 3.0 miles between north line of Las Uvas Rancho and Croy Rd., Santa Clara Co., Cal.

NAPA COUNTY—GRADING & SURFACING—(State)

NAPA COUNTY, Calif.—Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$54,363.50 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading and surfacing with crusher run base and armor coat about 6.2 miles between Oakville and Calistoga, Napa County.

- (1) Clear and grub right of way;
- (2) 600 M. gallons of water;
- (3) 65,000 c.y. rdwy. excav., unclass.
- (4) 100,000 sta. yds. overhaul;
- (5) 1,200 c.y. struc. excav.;
- (6) 305 c.y. ditch excav.;
- (7) 327 sta. finish rdwy.;
- (8) 4,200 c.y. crusher run base;
- (9) 75 tons liquid asph. SC-1A, prime coat;
- (10) 155 tons liquid asph. 90-95 armor coat;
- (11) 3,000 tons of screenings, armor coat;
- (12) 27,500 lbs. bar reinf. steel;
- (13) 305 c.y. Class A portland cement concrete strucs.;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$1600.00	\$1700.00	\$4500.00	\$3000.00	\$1200.00	\$1125.00	\$3000.00	\$3000.00	\$3500.00
(2)	1.00	1.25	1.00	1.50	1.00	1.00	1.50	1.50	1.50
(3)	.242	.37	.32	.34	.38	.37	.37	.39	.36
(4)	.01	.005	.005	.005	.005	.005	.005	.005	.01
(5)	1.50	1.00	1.50	1.25	1.00	1.50	1.25	1.20	1.50
(6)	1.50	1.00	.80	.70	1.00	.50	1.00	.95	1.00
(7)	5.00	5.00	3.00	5.00	3.00	5.00	5.00	5.00	5.00
(8)	1.55	1.30	1.90	1.80	1.75	2.30	2.00	2.65	3.00
(9)	15.00	14.00	16.50	14.00	12.00	15.00	15.00	12.50	14.00
(10)	18.50	18.00	19.50	17.50	16.00	18.25	18.00	18.00	16.00
(11)	2.50	2.25	2.12	2.60	3.00	2.80	3.50	2.50	3.00
(12)	.06	.06	.055	.06	.06	.06	.06	.06	.06
(13)	21.50	20.00	22.50	25.00	25.00	25.00	26.00	24.00	25.00
(14)	1.50	1.30	1.20	1.30	1.50	1.25	1.40	1.60	1.50
(15)	1.75	1.60	1.40	1.50	1.65	1.50	1.70	1.80	1.75
(16)	2.00	1.80	1.70	1.90	1.75	1.75	2.00	2.00	2.00
(17)	3.00	2.60	2.65	2.70	2.75	2.50	3.00	3.00	3.00
(18)	3.50	3.00	3.40	3.40	3.50	3.00	4.00	4.00	3.50
(19)	2.00	1.75	1.00	1.50	2.50	1.50	1.10	1.20	1.25

CONTRACT AWARDED

SACRAMENTO, Calif.—McGillivray Const. Co., P. O. Box 873, Sacramento, at \$2962.65 was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 42nd Street from the southerly line of T Street to the northerly line of V St., Sacramento.

BIDS WANTED

CHURCHILL CO., Nev.—Until Feb. 15, 1:30 p.m., bids will be received by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 3.04 miles of highway from a point approximately $\frac{1}{2}$ mile south of Fallon to a point approximately 2 miles southwest, Churchill County, Nevada.

Work involves:

- (1) 8,447 lf. remove fence;
- (2) 4 each, remove timber culverts;
- (3) 1 each, remove timber bridge;
- (4) 1 each, remove timber check gate;
- (5) 10,500 sq. yd. remove and stockpile rdwx. bit. surf.;
- (6) 18,515 c.y. roadway excav.;
- (7) 3,020 c.y. drainage excav.;
- (8) 6,912 c.y. borrow;
- (9) 7,970 c.y. imported borrow;
- (10) 59,361 yd. sta. overhaul (yard sta.);
- (11) 4,583 yd. mi. overhaul (yard mile);
- (12) 380 c.y. struc. excav.;
- (13) 425 c.y. backfill;
- (14) 3.04 mile subgrade, Type C;
- (15) 950 c.y. salvaged aggregate;
- (16) 4.0 M. gal. water;
- (17) 7,324 tons gravel surface;
- (18) 39 tons liq. asph., Type SC2 (seal);

7-OS adLl "udse bh suoI 92Z (61) (roadmix);

- (20) 304 miles roadmix;
- (21) 112 c.y. class A concrete;
- (22) 9 c.y. class B concrete;
- (23) 8,810 lbs. reinf. steel;
- (24) 260 sq. yd. mesh reinf.;
- (25) 1.02 MFBM redwood, small structures;

ALTERNATE A—(Redwood Culvert)

- (26) 12.3 MFBM Redwood;
- ALTERNATE B—(Douglas Fir Culvert)

- (27) 11 MFBM treated Douglas fir;
- (28) 1 MFBM untreated Douglas fir;
- (29) 128 lf. 8-in. CMP (dipped);
- (30) 284 lf. 18-in. CMP (dipped);
- (31) 30 lf. 24-in. CMP (dipped);
- (32) 30 lf. 36-in. CMP (dipped);
- (33) 35 c.y. grouted hand-laid riprap;
- (34) 120 lf. beam type metal guard rail;
- (35) 22 each, culvert markers;
- (36) 8,224 lf. reconstruct fence;
- (37) 33 each, monuments;
- (38) 8 each, embankment protectors;
- (39) 5 each, move mail boxes.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, 50.00 of which will be returnable. * 29

BIDS WANTED

SOLANO, San Joaquin, Calaveras, Amador, Stanislaus, Mariposa and Tuolumne Counties, Cal.—Until Feb. 7, 1:30 p.m., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for ap-

plying diesel oil to roadside vegetation for about 280.5 roadside miles at various locations in Solano, Sutter, Colusa, Calaveras, Amador, Stanislaus, Marinosa and Tuolumne Counties, Cal.

Work involves:

- (1) 1300 bbls. diesel oil (Location A);
- (2) 1070 bbls. diesel oil (Location B).

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SACRAMENTO, Cal.—Until March 1, 2 P. M., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, for the construction and completion of runways and drainage at the Sacramento Air Depot, Sacramento.

Work involves:

- (1) Lump sum: furnish all material and equipment and perform all labor necessary to construct paved runways and taxiways of 6-inch plant-mix stabilized soil base, using all imported materials; to construct storm drains with concrete pipe including manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurtenances necessary to construct the electrical duct lines;
- (2) Deduct if 600 feet of runway B is omitted from Item 1;
- (3) Deduct if taxiway No. 2 and storm drains and inlets along same from manhole No. 4 to manhole No. 5 and two 4-inch duct lines are omitted from Item 1;
- (4) Deduct if taxiway No. 3 and storm drain and inlets along the north side of same from manhole No. 3 to inlet No. 3, and one 4-inch duct line are omitted from Item 1;
- (5) Deduct if taxiway No. 4 and storm drain and inlets along the west side of same from manhole No. 1 to inlet No. 1 and one 4-inch duct line are omitted from Item 1;
- (6) Deduct if taxiway No. 5 and storm drain manholes and inlets along same from manhole No. 2 to inlet No. 2 and two 4-inch duct lines are omitted from Item 1;
- (7) Lump sum: furnish all material and equipment and perform all labor necessary to construct paved runways and taxiways of 6-inch mix in place stabilized soil base, using all imported materials as specified under Ait. A; to construct storm drains with concrete pipe including the manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurtenances necessary to construct the electrical duct lines;
- (8) Deduct if 600 feet of west end of runway B is omitted from Item 7;
- (9) Deduct if taxiway No. 2 and storm drains and inlets along same from manhole No. 4 to manhole No. 5 and two 4-inch duct lines are omitted from Item 7;
- (10) Deduct if taxiway No. 3 and storm drains and inlets along north side of same from manhole No. 3 to inlet No. 3 and one 4-inch duct line are omitted from Item 7;
- (11) Deduct if taxiway No. 4 and storm drains and inlets along west side of same from manhole No. 1 to inlet No. 1 and one 4-inch duct line are omitted from Item 7;
- (12) Deduct if taxiway No. 5 and storm drains and inlets along same from manhole No. 2 to inlet No. 2 and two 4-inch duct lines are omitted from Item 7;

INCINERATOR, SACRAMENTO AIR DEPOT, CAL.

SACRAMENTO, Calif.—Emil Hogberg, 666 Mission St., San Francisco, at \$10,650 submitted low bid to the Construction Quartermaster, Sacramento Air Depot, for the construction and completion of 3-ton U. S. Army Standard Natural Draft Incinerator at Sacramento Air Depot.

Total bids follow:

- (A) Emil Hogberg, San Francisco, \$10,650.
- (B) MacDonald & Kahn, Inc., San Francisco, \$12,521 (deducted \$2,479 by wire).
- (C) Smith Engr. Co., Los Angeles, \$13,500 (deducted \$3,450 by wire).

- (D) Contracting Engrs. Corp., Los Angeles, \$14,900 (deducted \$600 by wire).
- (E) Holdener Const. Co., Sacramento, \$14,930.
- (F) W. J. Tobin, San Francisco, \$15,938.00.

Bids were taken on the following units: (1) earth excavation, per c.y.; (2) rock excavation, per c.y.; (3) wet excavation, per c.y.; (4) Type B concrete, including forms, per c.y.; (5) structural steel, per ton; (6) reinforcing steel, per ton; (7) brick in walls, per M.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 1.00	—	\$ 2.50	\$ 3.00	\$ 2.00	\$ 1.50
(2).....	2.50	—	5.00	10.00	5.00	10.00
(3).....	1.50	—	7.00	8.00	4.00	10.00
(4).....	18.00	—	30.00	18.00	35.00	25.00
(5).....	120.00	—	200.00	200.00	200.00	90.00
(6).....	95.00	—	150.00	100.00	140.00	120.00
(7).....	\$50.00	—	60.00	75.00	70.00	100.00

* Add \$100 for fire brick instead of common brick.

(A) Begin in 5 days, finish in 60 days; (B) Begin in 15 days, finish in 120 days; (C) Begin in 10 days, finish in 250 days; (F) Begin in 10 days, finish in 120 days.

COLUMBIA CO., ORE.—Diversion of Tank Creek—(Govt.)

COLUMBIA COUNTY, Ore.—Harold Blake, 400 N. Thompson, Portland, at \$28,034.60 submitted low bid to U. S. Engineer Office, 628 Pittock Block, Portland, Oregon, under Bid No. 698-38-302, for performing all work for the diversion of Tank Creek in Beaver Drainage District, requiring the construction of the diversion canal and its appurtenant levees, construction of a wood stave tide box, a concrete spillway, a 42-inch syphon, a 48-inch culvert thru the highway, and the excavation of a lateral drainage ditch, Columbia County, Oregon.

Work involves:

- (1) 8.3 acres stripping;
- (2) 410 c.y. excav., syphons and spillway discharge ditches;
- (3) 360 c.y. excav., diversion canal;
- (4) 1510 c.y. excav., tide box and culvert;
- (5) 1290 c.y. struc. excav., tide box, syphon and spillway;
- (6) 2430 c.y. backfill for tide box, syphon spillway;
- (7) 5.39 MFBM treated lumber, in place;
- (8) 0.19 MFBM untreated lumber, in place;
- (9) 5.53 MFBM treated tongue and groove sheet piling, in place;
- (10) 276 l.f. treated round piling, in place;
- (11) 152 l.f. 48-in. continuous wood stave pipe, in place;

- (12) 136 l.f. 24-in. corrugated iron pipe, in place;
- (13) 44 l.f. 48-in. concrete culvert pipe, in place;
- (14) 90 lbs. wrought-iron galv. pipe and fittings, in place;
- (15) 74 c.y. reinf. conc. in place;
- (16) 4 each, 48-in. circular automatic drainage and head gates in place;
- (17) 1 each, 5-ft. by 5-ft. square manual head gate in place;
- (18) 190 lbs. fabricated structural steel for syphon, in place;
- (19) 235 c.y. riprap, in place;
- (20) 30,000 c.y. embankment (drag-line), in place;
- (21) 16,000 c.y. embankment (truck haul), in place;
- (22) 8000 c.y. mi. truck overhaul.

Total bids follow:

- (A) Harold Blake, 400 N. Thompson, Portland, \$28,034.60.
- (B) Edelstein-Weygandt Co., Portland \$28,659.72.
- (C) Knuchberg Const. Co., Portland, \$29,698.00.
- (D) S. S. Montague, Portland, \$34,778.00.
- (E) The United Contr. Co., Portland, \$36,990.20.
- (F) J. A. Terteling and Sons, Boise, Idaho, \$37,864.50.
- (G) Saxton, Looney and Riskey, Portland, \$43,229.00.
- (H) Contracting Officer's estimate, \$41,352.74.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 35.00	\$ 19.00	\$ 50.00	\$ 17.50	\$105.00	\$ 25.00	\$ 10.00	\$29.90
(2).....	.60	.63	1.00	1.50	1.05	.50	1.25	.36
(3).....	.60	.63	.40	1.50	.88	.50	1.00	.40
(4).....	.40	.80	.50	.80	.82	.50	.85	1.09
(5).....	1.00	1.50	2.50	1.40	2.00	3.00	1.00	1.05
(6).....	.45	.45	.30	.40	.62	.60	.60	.57
(7).....	150.00	105.00	150.00	110.00	94.00	150.00	95.00	134.00
(8).....	100.00	71.00	100.00	50.00	67.00	60.00	87.00	60.00
(9).....	150.00	111.00	150.00	150.00	107.00	200.00	85.00	154.00
(10).....	1.10	.90	1.50	.90	1.10	3.00	2.00	1.44
(11).....	10.00	9.00	8.00	14.00	11.50	14.00	10.00	11.73
(12).....	3.50	4.00	3.50	4.70	3.90	5.00	4.00	4.22
(13).....	10.00	9.50	10.00	12.00	11.00	12.00	12.00	15.26
(14).....	.50	.20	.50	.40	.50	.20	.30	.45
(15).....	34.00	35.00	35.00	35.00	35.00	40.00	35.00	48.00
(16).....	400.00	350.00	400.00	400.00	440.00	200.00	650.00	440.00
(17).....	400.00	375.00	400.00	450.00	460.00	300.00	500.00	440.00
(18).....	.30	.15	.30	.25	.40	.10	.25	.25
(19).....	8.00	3.25	7.00	4.65	13.10	15.00	8.00	9.58
(20).....	.26	.26	.22	.41	.21	.31	.41	.42
(21).....	.26	.36	.36	.46	.46	.46	.81	.51
(22).....	.18	.16	.14	.18	.15	.10	.15	.32

(Continued on Next Page)

lines are omitted from Item 7;
 Lump sum: Furnish all material and equipment and perform all labor necessary to construct paved runways and taxways of 6-inch mixed in place stabilized soil base, using 50% existing base material and 50% imported material as specified under Alt. B; to construct storm drains with conc. pipe including manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurtenances necessary to construct electrical duct lines;
 Deduct if 600 feet of west end runway B is omitted from Item 13;
 Deduct if taxiway No. 2 and storm drains and inlets along same from manhole No. 4 to manhole No. 5 and two 4-inch duct lines are omitted from Item 13;
 Deduct if taxiway No. 3 and storm drains and inlets along north side of same from manhole No. 3 to inlet No. 3 and one 4-in. duct line are omitted from Item 13;
 Deduct if taxiway No. 4 and storm drains and inlets along west side of same from manhole No. 1 to inlet No. 1 and one 4-inch duct line is omitted from Item 13;
 Deduct if taxiway No. 5 and storm drains, manholes and inlets along same from manhole No. 2 to inlet No. 2 and two 4-inch duct lines are omitted from Item 13;
 Unit prices shall include furnishing all labor and materials, complete in place:
 a) 6-inch stabilized soil base plant mix using all imported materials, per sq. yd.;
 b) 6-inch stabilized soil base mixed in place using all imported materials as specified under Alt. A, per sq. yd.;
 c) 6-inch stabilized soil base mixed in place, using 50% existing base materials and 50% imported materials as specified under Alt. B, per sq. yd.;
 d) asphalt emulsion stabilizer applied, per gallon;
 e) earth excavation for paving, per c.y.;
 f) earth excavation for drainage structures and ditches, per c.y.;
 g) rock excavation for drainage and misc. structures over and above the price for earth excavation, per c.y.;
 h) inlet complete with grate, 3-ft. depth, each;
 (1) manhole complete with grate, 4x45-ft. depth, per each;
 (2) manhole complete with grate 3x35-ft. depth, per each;
 k) reinforcing concrete complete in place, including forms, per c.y.;
 (1) reinforcing steel, per lb.;
 m) cast iron gratings, per lb.;
 n) sheeting ordered left in place, per MFEM;
 c) concrete or clay pipe including excavation, laying and backfilling:
 (1) 30-inch dia., per l.f.;
 (2) 27-inch dia., per l.f.;
 (3) 24-inch dia., per l.f.;
 (4) 21-inch dia., per l.f.;
 (5) 18-inch dia., per l.f.;
 (6) 15-inch dia., per l.f.;
 (7) 12-inch dia., per l.f.;
 (8) 10-inch dia., per l.f.;
 (9) 8-inch dia., per l.f.;
 p) treaded cast iron pipe including excavation, laying and backfilling:
 (1) 6-inch dia., per l.f.;
 (2) 4-inch dia., per l.f.
 Plans and specifications may be obtained at the above office upon posit of \$10.00. * 29

PLACERVILLE—SEWAGE DISPOSAL PROJECT—(City)

PLACERVILLE, El Dorado Co., Cal.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$32,588.50 (Project Unit A2) submitted low bid to Placerville City Council, Esther A. Mahler, City Clerk, Placerville, for construction of Main line intercepting sewers for the municipal sewage disposal project; Campbell Construction Co., 800 R Street, Sacramento, at \$39,700 submitted low bid under Project Unit B for the sewage treatment work.

Work involves:
 SCHED. NO. 1—Project Unit A2
 (1a) 559 ft. 15-in. asbestos bond corrugated pipe;
 (1b) 559 ft. 14-in. alternate cast iron sewer pipe;
 (1c) 559 ft. 15-in. alternate cement concrete pipe;
 (2a) 896 ft. 15-in. asbestos bond corrugated pipe;
 (2b) 896 ft. 14-in. alternate cast iron sewer pipe;
 (3a) 345 ft. 10-in. alternate cast iron pipe;
 (3b) 345 ft. 10-in. alternate cast iron pipe;
 (4) 2166 ft. 10-in. cast iron sewer pipe;
 (5) 753 ft. 8-in. cast iron pipe;
 (6) 2456 ft. 6-in. cast iron pipe;
 (7) main intercepting sewer line trusses complete;
 (8) 18 concrete manholes complete;
 (9) 3 storm water manholes complete;
 (10) 360 main intercepting sewer line supports;
 (11) 360 main intercepting sewer line alternate;

(12) 1750 ft. 6-in. cast soil auxiliary sewer;
 (13) 3550 ft. 4-in. cast iron soil pipe;
 (14) 180 ft. 4-in. cast iron soil pipe house connections.

SCHED. NO. 2—Project Unit B
 (1) lump sum: furnishing all materials & labor for sewage treatment works;
 (2) for Proposal Item No. 1 exclusive of Project Unit Item No. 6, sludge drying beds;
 (3) Proposal Item No. 1 exclusive of Chlorinator only; lump sum;
 (4) lump sum for Proposal Item No. 1 exclusive of screenings comminutor machine only;
 (5) for Proposal No. 1 exclusive of chlorinator and screenings comminutor machine only;
 (6) for Proposal Item No. 1 exclusive of bio-filter rock bed and rotary sewage distributor mechanism;
 (7) deduct lump sum under Prop. No. 1 for substitution of Proj. Unit No. 3 bio-filter of 50 feet in lieu of 60 ft. size.

Bidders were:
 (A) Fred J. Early, Jr., 369 Pine St., San Francisco.
 (B) Campbell Constr. Co., 800 R St., Sacramento.
 (C) Robert B. McNair, Oakland.
 (D) Martin Murphy, Berkeley.
 (E) John Pestana, Oakland.
 (F) Bebek & Brklich, Los Angeles.
 (G) Johnson, Inc., Alhambra.
 (H) Hoagland Engr. & Const. Co., Long Beach.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1a)	\$ 5.00	\$ 3.14	\$ 5.00	\$ 3.95	\$ 4.50	\$ 3.50	\$ 5.00	\$ 3.50
(1b)	4.00	3.25	6.00	4.86	5.00	3.55	.....	.....
(1c)	2.85	1.75	4.50	3.06	3.50	2.07	.....	.....
(2a)	4.70	3.81	4.00	3.95	2.00	4.30	.....	.....
(2b)	3.70	4.14	5.00	4.86	2.70	4.15	.....	.....
(3a)	3.25	2.62	3.00	3.33	1.55	2.88	.....	.....
(3b)	2.65	2.80	3.00	3.98	2.10	3.10	.....	.....
(4)	2.65	2.77	3.00	3.98	2.10	2.75	.....	.....
(5)	2.00	2.15	2.00	3.25	1.50	2.00	.....	.....
(6)	1.75	1.65	1.90	2.79	1.10	1.44	.....	.....
(7)	777.00	1,500.00	1,200.00	1,720.62	975.00	1,460.00	.....	.....
(8)	125.00	86.00	100.00	127.05	200.00	172.50	.....	.....
(9)	150.00	200.00	200.00	187.55	350.00	215.00	.....	.....
(10)	12.50	12.00	10.00	27.50	35.00	28.75	.....	.....
(11)	17.50	16.00	20.00	15.00	20.00	30.00	.....	.....
(12)	1.30	2.20	2.00	1.67	2.15	4.80	.....	.....
(13)	1.00	1.72	1.60	1.46	2.00	3.75	.....	.....
(14)	7.00	12.75	10.00	11.25	30.00	21.20	.....	.....
Tot'l	\$32,588.50	\$37,250.58	\$38,044.00	\$44,516.93	\$54,396.45	\$58,070.77	\$	\$

SCHEDULE NO. 2

(1)	\$42,985.00	\$43,000.00	\$	\$	\$	\$49,985.00	\$48,480
(2)	42,235.00	40,685	.....	.....	.....	49,220.00	45,930
(3)	42,135.00	41,400	.....	.....	.....	49,110.00	47,650
(4)	41,485.00	41,300	.....	.....	.....	48,422.00	46,900
(5)	40,635.00	39,700	.....	.....	.....	47,060.00	45,980
(6)	39,840.00	39,765	.....	.....	.....	46,150.00	45,700
(7)	41,585.00	41,600	.....	.....	.....	46,411.00	1,350

30—RESERVOIRS & DAMS

CONTRACT AWARDED
 GRAND COULEE, Wash.—Interior Constr. Co., 1522 Latham Square Bldg., Oakland, at \$34,442,240, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 757, for the completion of the Grand Coulee Dam, left powerhouse and foundation for the pumping plant, Columbia Basin Project, located about 100 miles west of Spokane, Wash. * 30

CONTRACT AWARDED
 GRAND COULEE DAM, Wash.—Western Pipe & Steel Co. of Calif., 444 Market St., San Francisco, at \$1,456,624, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 760, for furnishing and erecting steel penstocks and pump inlet pipes for the Grand

Coulee Dam, Columbia Basin Project, Washington. * 30

CONTRACTS AWARDED
 COLUMBIA CO., Oregon.—Harold Blake, 400 N. Thompson, Portland, at \$111,601 (Sec. A); S. S. Montague, 114 SW 4th St., Portland, at \$62,848 (Sec. C), and \$17,819 (Sec. D), were awarded contracts by the U. S. Engineer Office, Portland, under Bid No. 698-38-235, for constructing and reconstructing levees, constructing tide boxes, pipe lines, rubble masonry, catch basins, drainage ditches and bank protection revetment in the Clatskanie Area, consisting of a portion of Beaver Drainage District, Magruder Drainage Dist., Midland Drainage Dist., Marshland Drainage Dist., Webb District Improvement Co., Woodson Drainage District and Westland District Improvement Co.,

(Continued on Next Page)

Columbia Co., Oregon.
Award of contract on Section B withheld. * 30

31—PIPE LINES & WELLS

BIDS WANTED
FRESNO CO., Cal.—Until Feb. 11, 10 a.m., bids will be received by the Fresno County Board of Supervisors, E. Dusenberry, Clerk, Ct. House, Fresno, for laying of concrete pipe lines in the Fresno County Fairgrounds.

Plans and specifications may be obtained from the above office. * 31

BIDS WANTED
LONG BEACH, Los Angeles Co., Cal.—Until Feb. 15, 11 a.m., bids will be received by Long Beach City Clerk, E. L. MacDonald, City Clerk, for improvement of Arbor Street, between Pacific Avenue and 48th Street, and a portion of 49th Street, by construction of water mains, under the 1911 act.

Work involves:
(1) 23 lf. 8-in. C I pipe;
(2) 1911 lf. 6-in. C I pipe;
(3) 2 each, 6-in. hub end gate valves;
(4) 2 each, heavy gate boxes and lids;
(5) 1 only, 6x8x6-in. cross;
(6) 4 each, 6x6x6-in. tees;
(7) 1 only, 8-in. C I plug;
(8) 2 each, 6-in. C I plugs;
(9) 3 standard fire hydrants. * 31

CONTRACT AWARDED
HICKAM FIELD, T. H. — Marks Const. Co., at \$29,000 was awarded contract by the Purchasing and Contracting Officer, Hickam Field, for the construction of a water line, curbs and rough grading on streets at Hickam Field, T. H. * 31

CONTRACT AWARDED
FORT BARRY, Marin Co., Cal.—Harvey E. Conner, 1222 Whipple Ave. Redwood City, at \$8,450.50 awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-38-78 for constructing and installing approximately 9890 feet of pipe line on and adjacent to the Fort Barry Military Reservation, Marin County. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED
PLACERVILLE, El Dorado Co., Cal.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$32,588.50 (Proj. Unit A2) and Campbell Construction, 800 R St., Sacramento, at \$39,700 (Project Unit B), submitted low bids to the Placerville City Council, Esther A. Mahler, City Clerk, Placerville, for the construction of Sewage Disposal Project, Units A2 and B, comprising main intercepting sewer line down Hangtown Creek with appurtenances including house sewer connections and a complete sewage treatment plant, comprising settling tanks, sludge digester, biologic rock filter bed complete with pipe work and mechanical equipment.

Total bids follow:
Fred J. Early, Jr., 369 Pine St., San Francisco—(Pro. A2) \$32,588.50; (Pro. B) (1) \$12,985; (2) \$42,235; (3) \$42,135; (4) \$41,485; (5) \$40,635; (6) \$39,840; (7) \$41,585.
Campbell Construction Co., 800 R St., Sacramento—(Pro. B) (1) \$43,000; (2) \$40,635; (3) \$41,400; (4) \$30,000; (5) \$39,700; (6) \$39,765; (7) \$41,600.
Robert B. McNair, Oakland—\$37,250.58 (Pro. A2).
(Continued on Next Page)

LASSEN COUNTY—CONSTRUCTING BRIDGES—(State)

LASSEN CO., Calif.—M. A. Jenkins, 3560 Y St., Sacramento, at \$12,677 (Alt. A), and \$12,539.50 (Alt. B), submitted low bid to the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, for the construction of three timber stringer bridges with concrete decks on concrete pile bents between three miles south of Standish and Wendel on the Buntingville-Wendel Road, Lassen County.

Work Involves:
(1) 27,000 lb. bar reinforcing steel;
(2) 137 c.y. class A Portland cement concrete (structure);
(3) 29 MFBM treated Douglas Fir timber;
(4) 410 lf. timber railing.
ALTERNATE A:
(5) 570 lf. cast in place concrete piles;
(6) 29 each, driving fluted steel shells;
ALTERNATE B:
(7) 570 lf. precast concrete piles;
(8) 29 each, driving precast concrete piles.
Total bids follow:
(A) M. A. Jenkins, 3560 Y St., Sacramento, \$12,677 (Alt. A); \$12,539.50 (Alt. B).
(B) Franzini & Fredenburg, San Rafael, \$14,145.50 (Alt. A); \$13,575.50 (Alt. B).
(C) J. P. Brennan, Redding, \$14,721.50 (Alt. A); \$14,011 (Alt. B).
(D) A. Soda & Son, Oakland, \$14,900 (Alt. A); no bid on Alt. B.
(E) John Rocca, San Rafael, \$15,132 (Alt. A); no bid on Alt. B.
(F) W. K. Van Bokkelen, Oakland, \$16,499 (Alt. A); no bid on Alt. B.
Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
1).....	\$0.06	\$ 0.06	\$ 0.065	\$ 0.06	\$ 0.07	\$ 0.07
2).....	22.00	21.00	26.00	30.00	32.00	37.00
3).....	98.00	95.00	132.00	105.00	120.00	110.00
4).....	2.50	2.75	4.50	3.00	4.00	3.00
5).....	3.50	4.00	4.50	4.00	4.00	4.90
6).....	75.00	120.00	40.00	90.00	50.00	80.00
7).....	2.75	3.00	3.00	.....	.....	.....
8).....	85.00	120.00	45.00	.....	.....	.....

MARIN CO.—FORT BARRY PIPE LINE—(Govt.)

FORT BARRY, Marin Co., Cal.—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-78, for constructing and installing approximately 9890 feet of pipeline on and adjacent to the Fort Barry Military Reservation, Marin County. Work includes furnishing and delivering pipe, trenching, fitting, laying and backfilling, and connection of the completed pipeline to the Fort Barry pipeline and a pumping unit to be furnished by the government.

Bids were taken as follows:
REGULAR BID:
(1a) 1500 lf. 1½-in. cement-lined bituminous-coated pipe;
(1b) 7600 lf. 2½-in. cement-lined bituminous-coated pipe;
(1c) 40 lf. 3-in. cement-lined bituminous-coated pipe;
(1d) 750 lf. 5-in. cement-lined bituminous-coated pipe;
(2) 3 each, blowoffs;
(3a) 1 each, 2½-in. check valve;
(3b) 1 each, 5-in. gate valve;
(3c) 1 each, 2½-in. gate valve;
(4) 1 job, connection to Fort Barry pipe line;
(5) 1 job, pump installation;
ALTERNATE BIDS
(1a-1) 1500 lf. 1½-in. cement-lined asphalt-coated and wrapped pipe, or
(1a-2) 1500 lf. 2-in. asphalt-coated cast-iron pipe, bell and spigot;
(1b-1) 7600 lf. 2½-in. cement-lined asphalt-coated and wrapped pipe, or
(1b-2) 7640 lf. 3-in. asphalt-coated cast-iron pipe, bell and spigot;
(1c-1) 40 lf. 3-in. cement-lined asphalt-coated and wrapped pipe;
(1d-1) 750 lf. 5-in. cement-lined asphalt-coated and wrapped pipe, or
(1d-2) 750 lf. 6-in. asphalt-coated cast-iron pipe, bell and spigot;
(2a-1) 1 each, 3-in. check valve;
(2b-1) 1 each, 6-in. gate valve;
(2c-1) 1 each, 3-in. gate valve.

Bidders were:
(A) E. J. Treacy, San Francisco.
(B) W. J. Tobin, Oakland.
(C) Underground Constr. Co., Berkeley.
(D) Wm. F. Wilson Co., San Francisco.
(E) R. J. Brant, Menlo Park.
(F) Herman Lawson Co., San Francisco.
(G) J. A. Fazio, Oakland.
(H) Barrett & Hiip, San Francisco.
(I) Martin Murphy, Oakland.
(J) Harvey E. Conner, Redwood City.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1a).....	\$ 0.984	\$0.80	\$ 0.70	\$ 0.87	.....	\$ 0.75	\$ 0.84	\$ 1.20	\$ 1.02	\$ 0.64
(1b).....	1.177	.98	.92	.91	.....	.95	.82	1.00	1.23	.855
(1c).....	1.287	1.18	1.00	2.00	.....	1.50	.84	1.50	1.40	1.09
(1d).....	1.784	1.90	2.00	2.31	.....	2.25	1.95	1.70	2.00	2.37
(2).....	5.00	20.00	30.00	26.00	\$ 7.00	30.00	26.00	10.00	15.00	23.50
(3a).....	12.50	20.00	20.00	20.18	.....	20.00	16.00	11.00	40.00	15.00
(3b).....	45.00	50.00	50.00	52.25	.....	55.00	39.00	42.00	40.00	42.50
(3c).....	25.00	25.00	30.00	30.00	.....	30.00	22.50	20.00	10.00	25.00
(4).....	40.00	37.50	30.00	90.00	95.00	85.00	45.00	27.00	125.00	50.00
(5).....	400.00	150.00	350.00	662.08	250.00	450.00	350.00	222.00	200.00	250.00

ALTERNATE BIDS

	(1a-1)	(1a-2)	(1b-1)	(1b-2)	(1c-1)	(1c-2)	(1d-1)	(1d-2)	(2a-1)	(2b-1)	(2c-1)
.....	.932	.80	.70	.92	.54	.72	.89	1.20	1.08	1.25	1.08
.....	.945	.77	.70	1.025	.55	.76	.87	1.40	1.00	.58	1.00
.....	1.15	.98	.92	.93	.66	.94	.91	1.00	1.33	.835	1.00
.....	1.13	.90	.92	.84	.50	.94	.88	1.10	1.20	.75	1.00
.....	1.278	1.18	1.00	2.14	.86	1.40	.82	1.75	1.50	1.00	1.00
.....	1.53	1.95	2.00	2.32	1.59	2.20	2.09	1.70	2.20	2.30	1.00
.....	1.662	1.46	2.00	2.01	1.59	1.93	1.66	1.70	1.50	1.85	1.00
.....	15.00	22.50	20.00	25.00	15.00	20.00	18.00	14.00	30.00	25.00	1.00
.....	45.00	50.00	53.20	57.39	35.00	55.00	42.50	46.00	35.00	45.00	1.00
.....	25.00	27.50	30.00	31.11	18.00	20.00	23.00	21.00	15.00	22.50	1.00

Martin Murphy, Berkeley—\$38,044 (Pro. A2).
 John Pestana, Oakland—\$44,516.93 (Pro. A2).
 Bebek & Brkch, Los Angeles—\$54,396.45 (Pro. A2).

Johnson, Inc., Alhambra—\$58,070.77 (Pro. B) (1) \$49,985; (2) \$49,220; (3) \$49,110; (4) \$48,422; (5) \$47,060; (6) \$46,150; (7) \$46,411.
 Hoagland Engineering and Construction Co., Long Beach—(Pro. B)

(1) \$48,480; (2) \$45,930; (3) \$47,650;
 (4) \$46,900; (5) \$45,980; (6) \$45,700;
 (7) \$135,000.
 Unit prices will be published shortly.

YERBA BUENA ISLAND—ROADWAY—(Govt.)

SAN FRANCISCO, Cal.—Heafey-Moore Co. and Fredrickson & Watson Constr. Co., 344 High St., Oakland, at \$28,368.50, submitted low bid to U. S. Engr. Office, 401 Cust. Hse., San Francisco, under Bid No. ER-868-38-81, for the construction of a roadway, less paving and preparation of subgrade, on the west side of Yerba Buena Island, for a length of approx. 993 ft. from the southern end of the recently completed portion of the roadway to the S. E.-Oakland Bay Bridge. Roadway varies in width from 64 ft. to 130 ft. in a five-part grade separation structure. The construction of the roadway includes disposal of roadway excavation so as to continue the construction of the causeway fill from Yerba Buena Island to the fill to the north.

- (2b) 1,586,000 sta. yds. overhaul;
- (2c) 500 c.y. rock fill;
- (3) 2,900 M. gals. water for embankments;
- (4a) 4,130 c.y. struc. excav., unclass.;
- (4b) 3,650 c.y. struc. backfill;
- (5) 1,750 c.y. Class A concrete;
- (6) 198,000 lbs. reinforcing steel;
- (7) 760,000 lbs. structural steel;
- (8) 1,154 MBM timber structures;
- (9) 35,000 sq. ft. wallboard sheathing;
- (10) 29 MBM timber cribs;
- (11) 55,300 sq. ft. painting woodwork
- (12a) 35,000 sq. ft. painting sheathing three coats;
- (12b) 25,000 sq. ft. painting sheathing finish coat on prior work;
- (13a) 700 l.f. 8-inch corr. pipe;
- (13b) 500 l.f. 12-inch corr. pipe;
- (13c) 500 l.f. 18-inch corr. pipe;
- (13d) 100 l.m. 4-inch drain tile;
- (14) 1 complete re-locate sewer line item.

- (A) Heafey-Moore Co. and Fredrickson & Watson Constr. Co., 344 High St., Oakland—\$28,368.50.
- (B) Guy F. Atkinson Co., San Francisco—\$244,218.40.
- (C) Barrett & Hipp, San Francisco—\$255,303.
- (D) John Rocca, San Rafael—\$258,398.90.
- (E) MacDonald & Kahn Co., Ltd., San Francisco—\$259,666.
- (F) Clinton Constr. Co., San Francisco—\$265,095.20.
- (G) Chas. L. Harney, San Francisco—\$267,263.50.
- (H) J. F. Knapp, Oakland—\$276,053.
- (I) C. W. Caletti & Co., San Rafael—\$282,535.
- (J) R. G. Clifford, San Francisco—\$282,855.
- (K) Bates & Rogers Constr. Co., Oakland—\$312,382.10.

Work involves:
 (1) 4.5 acres clear and grub;
 (2a) 78,900 c.y. rdwy. excav., unclass.

Total bids follow:

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$200.00	\$350.00	\$500.00	\$250.00	\$1500.00	\$480.00	\$350.00	\$600.00	\$325.00	\$280.00	\$420.00
(2a).....	.25	.25	.30	.25	.26	.29	.33	.45	.38	.25	.26
(2b).....	.004	.002	.0025	.005	.045	.0024	.005	.0075	.008	.01	.03
(2c).....	1.00	.50	.50	2.00	1.00	.50	2.50	1.25	1.30	4.00	1.05
(3).....	.45	.50	1.80	1.00	.25	.89	.50	1.00	1.00	.67	1.60
(4a).....	1.10	.50	2.40	1.25	2.40	2.50	2.00	2.50	2.00	2.70	6.50
(4b).....	.50	.60	.60	.50	.50	.40	1.00	1.00	.45	.70	1.05
(5).....	21.50	20.00	21.50	25.50	18.00	23.20	23.00	25.00	23.00	24.00	33.35
(6).....	.06	.06	.067	.07	.063	.059	.06	.06	.06	.07	.057
(7).....	.075	.09	.087	.08	.073	.086	.09	.07	.088	.10	.0755
(8).....	64.50	66.35	67.00	71.00	83.25	78.00	72.00	75.00	80.00	70.00	95.00
(9).....	.09	.07	.076	.08	.13	.075	.09	.07	.08	.09	.08
(10).....	80.00	100.00	115.00	98.00	100.00	112.00	100.00	85.00	90.00	100.00	130.00
(11).....	.04	.055	.04	.042	.035	.041	.04	.05	.05	.04	.037
(12a).....	.043	.045	.045	.045	.04	.0425	.04	.05	.04	.05	.04
(12b).....	.013	.015	.015	.02	.018	.012	.02	.02	.02	.013	.011
(13a).....	1.20	1.50	1.50	1.56	1.30	1.50	1.40	1.50	1.10	1.65	1.30
(13b).....	1.65	1.70	1.80	1.98	1.80	1.80	1.65	1.80	1.50	2.20	1.70
(13c).....	2.35	2.50	2.50	2.92	2.35	3.00	2.50	2.50	3.00	3.00	2.20
(13d).....	.25	.50	.60	.30	.20	.20	1.00	.35	.60	1.30	.20
(14).....	500.00	750.00	1184.00	5051.00	3000.00	1600.00	840.00	1000.00	1500.00	2400.00	1200.00

ELK GROVE GYM, SACRAMENTO, CALIF.

GYMNASIUM Cost, \$.....
 ELK GROVE, Sacramento Co., Calif. One-story frame and stucco gymnasium building at the high school. Owner—Elk Grove Union High Sch. District.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

heating and electric work; (4) omit cast stone plaques on east elevation; (5) omit all bronze plaques in lobby; (6) omit cases and lockers in storerooms 104 and 122; (7) omit connection to the sewer from roof drains; (8) omit all work for boys' section except SVC lines to and from other portions of the building; (9) omit rough and finish floors and rat-proofing of the gym area; (10) omit all work for the gym floor except all SVC lines to and from other portions of the building. Under this alternate the height of the end walls will stop at the top of the parapet for the boys' and girls' section with the reinforcing steel lift ready for future connection; (11) omit entire fire alarm equipment.
 Total bids follow:
 (A) Azevedo Const. Co., 920 O St., Sacramento, \$49,850.

- (B) Lindgren & Swinerton, Inc., Sacramento, \$51,000.
- (C) W. C. Keating, Sacramento, \$52,675.00.
- (D) Campbell Const. Co., Sacramento, \$53,000.
- (E) Lawrence Const. Co., Sacramento, \$53,219.
- (F) Otto Steinbrenner, Sacramento, \$54,802.
- (G) Holdener Const. Co., Sacramento, \$54,950.
- (H) H. H. Henning, Stockton, \$55,296.
- (I) H. W. Robertson, Sacramento, \$55,790.
- (J) Peterson Const. Co., Sacramento \$55,900.
- (K) Victor A. Kaufenberg, Rio Vista, \$56,606.
- (L) Charles F. Unger, Sacramento, \$56,400.

General bids were taken with the following alternate bids, all deductions: (1) omit all work for girls' section except SVC lines to and from other portions of the building; (2) omit all work for girls' section except floors, concrete walls, all concrete partitions, roof construction and roofing, and roughing in for the plumbing, heating and electric work; (3) omit all work from boys' section except floors, concrete walls, all concrete partitions, roof construction and roofing, roughing in for plumbing,

Alternate bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$9973	\$9500	\$12200	\$10780	\$10139	\$10890	\$10900	\$11135	\$10788	\$11250	\$11381	\$12000
(2).....	4166	4000	4100	4572	3640	2566	4500	4845	4352	3920	537	4800
(3).....	5126	5000	5060	6572	4442	4281	5900	5827	5254	5770	6650	3800
(4).....	80	60	300	300	325	284	300	200	305	300	315	309
(5).....	75	75	75	100	85	77	80	50	81	75	90	80
(6).....	210	190	350	500	275	300	384	360	504	410	388	365
(7).....	375	390	380	400	390	377	400	400	381	370	375	375
(8).....	11964	11400	12'00	14020	12311	12355	13500	12723	12833	17100	14343	14347
(9).....	2077	2000	2'00	2250	2797	1757	2000	2500	2370	2380	2486	1900
(10).....	18037	17400	20'00	17612	17766	180'00	197'50	21252	20688	16000	20602	21500
(11).....	370	350	432	700	150	400	350	50	134	800	650	132

BIDS WANTED

HICKAM FIELD, T. H.—As previously reported, until Feb. 17, 11 A. M., bids will be received by the Purchasing and Contracting Officer, Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W-397-38-21 for the construction and completion of an outfall sewer line at Hickam Field, T. H. Plans and specifications may be deposited of \$5.00. Checks payable to

Finance Officer, Fort Shafter, T. H. Plans and specifications may be seen at the office of the Constructing Quartermaster, Fort Miley, San Francisco. 32

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER apts., \$80; 2080 Fell Street; owner, Mr. Gamble, Prem.; contractor, Leo Epp, 4745 Geary St.

ALTER apts., \$300; SW Fillmore and Sutter Sts.; owner, Morris Gibbs, 2116 Fillmore St.; contractor, Patterson & Koster Iron Works, 280 13th St.
ALTER flats, \$150; 415-17 Missouri St.; owner, B. Bellini, 1206 19th St.
ALTER hotel, \$500; 641 Post Street; owner, Hotel Worth, Prem.; contractor, H. S. Meinberger, 958 Folsom St.

SHASTA DAM—Grading, Surfacing and Sewer Systems—(Govt.)

CENTRAL VALLEY PROJ., Calif.—The Lowrie Paving Co., Inc., 1540 Sixteenth Street, San Francisco, at \$45,941.55 submitted low bid to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 767, for the construction of street, driveway and sidewalk grading and surfacing and sewer and water systems for the Government camp at Shasta Dam, Central Valley Project, Calif.

Work involves:

- (1) 8,000 c.y. excav., common, for streets, drive, and walks;
- (2) 1,500 c.y. excav., rock, for do;
- (3) 500 sta. c.y. overhaul;
- (4) 3,700 c.y. compacting fills;
- (5) 2,400 c.y. excav., rock, in trenches;
- (6) 14,670 l.f. excav. and backfill in trenches not more than 5 ft. deep for sewer and drainage pipe;
- (7) 1,530 l.f. same more than 5 ft. and not more than 8 ft. deep for sewer and drainage pipe;
- (8) 10 c.y. excav. common, and backfill of trenches for sewer and drainage pipe, quantities below 8-ft. depth only;
- (9) 5,500 l.f. lay 4-in. sewer pipe, fittings and specials;
- (10) 7,450 l.f. laying 6-in. do;
- (11) 1,900 l.f. laying 8-in. do;
- (12) 630 l.f. laying 10-in. do;
- (13) 1,770 l.f. laying 12-in. do;
- (14) 140 l.f. laying 30-in. dia. corr. metal pipe;

- (15) 27 grease traps;
- (16) 32 sewer manholes not more than 5 ft. deep;
- (17) 10 additional feet constructing sewer manholes, each additional foot over 5 ft. deep;
- (18) 5,850 l.f. excav. and backfill of trenches not more than 2 feet deep for water pipe;
- (19) 10,630 l.f. same, more than two feet deep and not more than 3 ft. deep for water pipe;
- (20) 5 c.y. excav., common, and backfill of trenches for water pipe, quantities below 3 ft. depth only;
- (21) 2,820 l.f. laying 6-in. dia. water pipe and fittings;
- (22) 6,900 l.f. laying 4-in. do;
- (23) 500 l.f. laying 2-in. do;
- (24) 1,550 l.f. laying 1½-in. do;
- (25) 1,000 l.f. laying 1¼-in. do;
- (26) 720 l.f. laying 1-in. do;
- (27) 4,000 l.f. laying ¾-in. do;
- (28) installing 7 6-in. gate valves;
- (29) installing 16 4-in. gate valves;
- (30) installing 9 2-in. dia. curb stops and service boxes;
- (31) installing one 1½-in. do;
- (32) installing 34 1½-in. do;
- (33) installing 4-in. do;
- (34) installing 84 ¾-in. do;
- (35) installing 17 fire hydrants;
- (36) 1,500 l.f. dismantling existing water line;
- (37) 18,500 l.f. placing timber curb boards;
- (38) 5,000 c.y. furnishing materials and constructing bottom layer

- of base course of crusher-rock or crushed-gravel surfacing;
- (39) 3,500 c.y. furnishing materials and constructing top layer of do;
- (40) 14,500 gals. applying liq. asphalt road material, type SC-1A;
- (41) 2,800 gals. applying do, type 90-95;
- (42) 1,040 c.y. furnishing, spreading and compacting coarse screenings for armor coat;
- (43) 400 c.y. furnishing, spreading & compacting fine screenings for armor coat.

Total bids follow:

- (A) The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, \$45,941.55.
- (B) Pacific States Const. Co., San Francisco, \$57,756.10.
- (C) A. Soda & Son, Oakland, \$58,865.00.
- (D) W. J. Tobin, Oakland, \$61,856.60.
- (E) G. J. Stebbin Const. Co., Klamath Falls, Ore., \$63,303.27.
- (F) Earle W. Heple, San Jose, \$64,533.75.
- (G) R. P. Easley, Antioch, \$64,977.00.
- (H) N. M. Ball Sons, Albany, \$64,982.20.
- (I) Lee J. Immel, Berkeley, \$66,501.40.
- (J) Johnson, Inc., Alhambra, \$77,467.75.
- (K) Bebek and Brkch, Los Angeles, \$84,989.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	.48	\$.40	.75	\$.88	\$.60	\$.60	\$.30	\$.70	\$.65	\$.47	\$.375
(2)	2.00	.55	1.00	1.65	1.50	1.00	1.53	1.00	1.25	1.55	2.00
(3)	.20	.02	.08	.05	.10	.02	.02	.03	.03	.05	.02
(4)	.20	.06	.20	.12	.10	.10	.22	.15	.25	.28	.14
(5)	2.00	.68	3.25	1.40	3.00	2.75	2.03	3.00	1.25	4.00	2.00
(6)	.35	.45	.20	.36	.39	.32	.27	.50	.48	.44	.67
(7)	.50	.55	.30	.46	.39	.34	.52	.70	.80	.50	.78
(8)	4.00	4.00	2.00	3.75	3.00	5.35	2.00	2.50	3.00	2.50	1.50
(9)	.075	.10	.12	.12	.14	.14	.22	.09	.08	.24	.10
(10)	.085	.12	.18	.15	.155	.15	.27	.11	.10	.30	.10
(11)	.10	.17	.25	.17	.20	.25	.42	.15	.15	.39	.10
(12)	.12	.20	.30	.19	.21	.28	.59	.18	.20	.50	.11
(13)	.15	.25	.22	.30	.22	.30	.60	.20	.30	.61	.14
(14)	.70	50	1.00	1.00	.55	.50	.82	.50	2.50	1.65	.60
(15)	6.00	18.00	9.00	6.00	5.50	8.50	12.70	15.00	20.00	8.75	25.00
(16)	60.00	85.00	50.00	40.00	50.00	46.50	81.50	45.00	60.00	120.00	40.00
(17)	10.00	11.00	6.00	7.50	10.00	10.00	15.75	12.00	10.00	16.00	10.00
(18)	.14	.12	.10	.22	.20	.30	.17	.20	.25	.22	.23
(19)	.16	.30	.15	.28	.30	.31	.17	.23	.35	.22	.25
(20)	1.50	3.00	2.00	3.00	2.00	3.00	1.60	2.00	2.00	2.50	1.50
(21)	.07	.33	.12	.19	.28	.20	.17	.20	.30	.26	.12
(22)	.06	.32	.10	.17	.21	.17	.13	.15	.25	.17	.10
(23)	.05	.25	.10	.14	.15	.15	.08	.12	.15	.13	.08
(24)	.04	.20	.06	.12	.10	.14	.07	.12	.12	.11	.08
(25)	.05	.20	.07	.12	.10	.13	.07	.12	.10	.11	.08
(26)	.05	.15	.04	.10	.09	.12	.45	.12	.09	.11	.08
(27)	.04	.12	.06	.10	.06	.10	.06	.10	.08	.08	.08
(28)	10.00	12.00	6.00	10.00	8.80	2.50	12.00	6.00	8.00	11.00	4.50
(29)	8.00	10.00	5.00	6.00	6.00	2.00	7.00	6.00	6.00	8.00	4.50
(30)	1.00	4.50	4.00	2.50	5.00	2.00	2.50	2.50	5.00	4.40	3.00
(31)	1.00	4.50	6.00	2.00	5.00	1.75	2.00	2.50	5.00	3.80	2.00
(32)	1.00	3.50	3.00	2.00	4.50	1.50	2.00	2.50	4.00	3.80	1.50
(33)	1.00	3.50	4.00	1.75	4.50	1.45	1.50	2.50	4.00	3.80	1.50
(34)	1.00	2.50	3.00	1.75	3.53	1.25	1.60	2.50	3.00	3.80	1.00
(35)	12.00	20.00	20.00	20.00	10.00	7.50	26.00	15.00	20.00	16.00	12.00
(36)	.04	.01	.01	.20	.01	.02	.05	.05	.25	.44	.005
(37)	.03	.03	.02	.045	.03	.05	.02	.08	.08	.04	.04
(38)	1.75	2.50	2.60	3.02	2.50	3.00	3.18	2.50	2.65	3.40	4.75
(39)	1.85	2.75	2.75	2.78	2.75	3.00	3.43	2.80	2.65	3.00	6.25
(40)	.01	.02	.03	.035	.08	.02	.05	.04	.02	.06	.025
(41)	.01	.03	.04	.035	.08	.02	.05	.05	.026	.06	.025
(42)	2.35	4.00	3.50	2.94	2.75	4.00	3.68	3.45	4.70	3.40	3.50
(43)	2.50	4.00	4.00	3.40	2.00	4.00	3.93	4.00	6.35	3.40	4.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TREASURY DEPARTMENT

SAN FRANCISCO.—Until Feb. 8, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., under Bid No. 5912, for finish hardware, 34th Ave. and Clement St., San Francisco.

SAN FRANCISCO.—Until Feb. 8, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49, 4th St., San Francisco, Room 518, ing supplies and materials, as follows:
BID NO. 5013: 1080 sacks of Portland cement; fob Auburn, Calif.

BID NO. 5015: 800 sacks of Portland cement; fob Sacramento;

BID NO. 5016: Douglas fir flooring, window frames, sashes and doors; fob Havelock and Edna Streets, San Francisco.

SAN FRANCISCO.—Until Feb. 8, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., for furnishing supplies and materials, as follows:
BID NO. 5014: 320 c.y. rock screenings; fob San Leandro.

BID NO. 5017: 1530 lf. concrete pipe; fob Modesto.

SAN FRANCISCO.—Until Feb. 10, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 4th St., San Francisco, for furnishing toilets, sinks, lavatories, fountains, drains and shower valves; fob Larkin and Beach Streets, San Francisco.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Feb. 10, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

BID NO. 1105-38-195—Nuts, pipe, bushings, ells, nipples, unions and valves; f.o.b. Rio Vista, Cal.

BID NO. 1105-38-197—9000 feet copper wire and 200 feet tirex portable cord; f.o.b. Rio Vista, Cal.

SACRAMENTO, Cal.—Until Feb. 15 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials as follows:

BID NO. 1105-38-198: Iron, steel, expanded metal, nuts, bolts and wrenches; fob Rio Vista;

BID NO. 1105-38-200: Standard hoisting rope of uncoated plow steel, 6 strands, 19 wires to strand, fibre core; fob Rio Vista.

FORT MASON, Cal.—Until Feb. 14, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-221, for furnishing packing boxes, hardwood lumber, Sugar pine, White pine, Douglas fir lumber; fob Fort Mason, San Francisco.

SACRAMENTO, Cal.—Bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies, as follows:

February 8, 3:00 P. M.
BID NO. 1105-38-192—500 lbs. welding rods and 4000 lbs. electrodes; f.o.b. Rio Vista, Cal.

February 9, 3:00 P. M.
BID NO. 1105-38-193—Nails, tacks, rivets, staples, batteries, tape; f.o.b. Rio Vista, Cal.

FORT MASON, Cal.—Until Feb. 15 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-228, for one electric, one-ton capacity, platform type truck fully equipped; fob Fort Mason, San Francisco.

SACRAMENTO, Calif.—Until Feb. 15, 3 P. M., bids will be received by the U. S. Engineer, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-199, for furnishing conduit reamers, attachment plug bodies, fuse plugs and equipment for telephone sets; fob Rio Vista.

SAN FRANCISCO.—Until Feb. 10, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Sale No. 9, for the sale of approximately 20 tons of scrap railroad rails located on Government property at Crescent City, Calif.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 2656—Insulated electric cable and cord for Brooklyn & Mare Island, Feb. 8.

SCH. 900-1431—Ball bearings for Puget Sound, Feb. 4.

SCH. 2671—Burr, rivets and washers for eastern and western yards, Feb. 8.

SCH. 2682—One box type electric furnace for eastern or western yards, Feb. 15.

SCH. 2698—Sheet metal self-tapping screws for Brooklyn and Sewall's Point, Mare Island and Puget Sound, Feb. 15.

SCH. 2708—Desk and bracket electric fans for eastern yards and Puget Sound, Feb. 11.

SCH. 2702—Dry electrolytic capacitors, for submarine base, San Diego, and eastern or western yards, Feb. 15.

SCH. 2716—2000 troy ounces silver solder for Mare Island, Feb. 15.

SCH. 2701—One 16,000-lb. capacity crane ladel for Mare Island, February 11.

SCH. 2717—100 acetylene gas cylinders, capacity 225 cu. ft., for Mare Island, Feb. 15.

SCH. 2689—25 water closets and spare bowls for Portsmouth and Mare Island, Feb. 8.

SCH. 2700—Valves, steel, welding ends for eastern yards and Puget Sound, Feb. 8.

SCH. 2718—Aircraft use felt for eastern and western yards, Feb. 4.

SCH. 2712—1100 cases, navigator's, with compass and divider, for Mare Island, Feb. 15.

SCH. 2676—Nails, brads, tacks and spikes for eastern and western yards, Feb. 15.

SCH. 2713—Copper-alloy nickel for eastern and western yards, Feb. 15.

SCH. 2703—Bolts, brackets, catches, screw eyes, grommets, etc., for eastern and western yards, Feb. 15.

SCH. 2696—Motor-driven milling machine for San Diego, Feb. 11.

SCH. 2697—Motor-driven milling machine for San Diego, Feb. 11.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until February 9, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing materials, as follows:

BID NO. 5438: Structural Douglas Fir lumber for Digger Creek Bridge; fob Red Bluff;

BID NO. 5439: Structural Douglas Fir lumber for Mill Creek Bridge construction; fob Red Bluff.

SAN FRANCISCO.—Until Feb. 10, 2 P. M., bids will be received by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1196, for one oil burner, fully automatic, pump type with electrical ignition and automatic controls, warm air pipes and fittings, cold air return pipe and vent pipe; fob shipping point and/or Lone Pine, Calif.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies, as follows:

FEBRUARY 8, 2 P. M.:
BID NO. 5443: 100 barrels of Portland cement; fob Placerville.

FEBRUARY 10, 2 P. M.:
BID NO. 5444: DB axe and Pulaski tool sheaths; fob Government Island.

FEBRUARY 11, 2 P. M.:
BID NO. 5441: 90-ft. steel (skew) span including all structural steel bolts for field connections, bolts for superstructure and all misc. steel portions necessary for the erection of span at Digger Creek Bridge, Red Bluff.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Feb. 14, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1965, for furnishing 5000 feet of 2-inch C.I. water pipe and 5000 feet of 4-inch C.I. water pipe for the San Francisco Water Department.

Plans and specifications may be obtained from the above office.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



San Francisco Bridge Co. Low
On Air Station



Fredericksen & Westbrook Low on Two Jobs



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., FEBRUARY 12, 1938

No. 7

Fredericksen & Westbrook Lowest Bidders On Two State Division of Highways Jobs

SACRAMENTO, February 9.—The State Division of Highways today received low bids totaling \$158,743.60 from a single firm calling for grading and surfacing in Merced and Yolo counties.

Fredericksen and Westbrook, Lower Lake, at \$144,472.35, submitted the low bid on the contract for work in Merced county.

Merced County Job

The contract called for grading and constructing gravel or stone borders on 8.9 miles of highway between the easterly boundary of Merced county and 1.7 miles east of Los Banos.

Eight firms submitted proposals. J. A. Casson, at \$144,590.20, was the second lowest bidder. Other bidders were: Piazza & Huntley, \$149,256.35; Granite Construction Co., \$159,344.80; Warren Southwest, Inc., \$162,466.10; Claude C. Wood, \$165,793.80; Lee J. Immel and Jacob P. Immel, \$174,502.20 (bid irregular); and Union Paving Co., \$180,330.50.

Unit Prices

Unit prices were submitted on forty items. Principal items included: 37,000 cubic yard of unclassified excavation; 51,000 cubic yards of imported borrow; 18,000 tons of untreated crushed gravel or stone; 530 tons of liquid asphalt; 5300 tons of screenings; 35,000 pounds of bar reinforcing steel; 5300 pounds of structural steel; and 1952 lineal feet of CMP of various sizes.

Lower Lake Firm Low

Fredericksen & Westbrook made a clean sweep for the day by submitting the low bid on the Yolo county job. Their bid was \$14,271.25.

Eleven firms submitted bids on the contract.

The second lowest bidder was Poulos & McEwen, at \$15,247, followed by Claude C. Wood, at \$15,724. Other bidders were: Mountain Construction Company, \$15,724; Harms Bros., \$15,915.50; E. A. Forde, \$16,152; J. R. Reeves, \$16,380; Piazza & Huntley, \$18,202; Lee J. Immel and Jacob P. Immel, \$19,377 (irregular); Hemstreet & Bell, \$20,134.50 and Johnston Rock Company, \$26,436.25.

The contract called for grading and surfacing with gravel base and applying penetration oil treatment

G-E Engineering Consultant Dies

Charles Waterman Stone, 63, consulting engineer of the General Electric Company, died at his home in Schenectady February 3 after an illness which confined him to bed for nine weeks. Death was caused by heart trouble.

Upon his graduation from the University of Kansas in 1894 Mr. Stone was with the Franklin Electric Company of Kansas City, the W. S. Hill Electric Company of New Bedford, Mass., and the Hancock Equipment Company of Boston two years each.

In 1900 he joined the General Electric organization in the drafting department, and in the following year was in switchgear engineering. Then he joined the lighting engineering department in 1904. Mr. Stone was named manager of the Lighting department, now known as the Central Station department, in 1912. He continued in that position until 1928 when, at his own request, he was relieved of managerial responsibilities and became a consulting engineer of the company.

to 3.8 miles of highway between 1.4 miles north of Bacchis Corner and Route 88 in Yolo county.

Unit prices were submitted on nine items.

The items were: 400 gallons of water; 17,500 cubic yards of unclassified roadway excavation; 31,000 station yards overhaul; 25 cubic yards of structural excavation; 202 station yards finishing roadway; 7800 cubic yards of gravel base; 93 tons of liquid asphalt SC-2 penetration oil treatment; 115 tons of sand penetration oil treatment, and 80 lineal feet of 8-inch CMP.

ASK PROPOSALS ON EL CERRITO SCHOOL PROJECT

First Unit of High School Advertised; Bids Scheduled For Opening March 8

Bids for construction of the first unit of the \$200,000 El Cerrito High School were invited yesterday by the Richmond Union High School District, Superintendent of Schools Walter T. Helms announced.

Proposals on the contract will be opened by the District March 8, Mr. Helms said. Closing time for bids has been set at 3 P. M.

The first unit of the work will cost in the neighborhood of \$100,000, it is estimated.

The contract for the first unit calls for construction of the shell of the building, without any finish work, including foundations, concrete walls and floors.

Three-Story Building

It will be a three-story reinforced concrete high school building, according to plans prepared by Architects Dragon & Schmidts of Berkeley.

Structural engineer for the project is W. Adrian of Berkeley.

Contractors desiring to figure the contract for the first unit may procure plans from the office of the architects upon deposit of \$25.

E. H. KAMLIN JOINS CALIF. WIRE CLOTH

Edward H. Kamlin, for ten years owner of the Kamlin Fence Company, announces that he has disposed of his business and is now in charge of the chain link fence department of the California Wire Cloth Corporation, 1001 Twenty-second avenue, Oakland.

The California Wire Cloth Corporation has offices in Los Angeles and Seattle as well as San Francisco.

"I will be glad to be of service to my friends at my new address," Mr. Kamlin said, following the announcement of his new position.

CITY RECEIVES BIDS ON LOWELL HIGH GYMNASIUM

**Anderson & Ringrose Bid
\$93,542; Eaton & Smith
Low on Sewer**

Low bids totaling \$176,102 yesterday were received by the San Francisco Department of Public Works on six contracts for sewer, school and underpass construction. Anderson and Ringrose, at \$93,542, submitted the low bid for general construction of the Lowell High School boys' gymnasium, largest of the projects for which bids were opened yesterday.

Bids were received on three propositions. Alta Electric and Mechanical Company, at \$17,920, offered the low bid on the proposition involving mechanical equipment and plumbing work. Central Electric Company, at \$4708, submitted the low bid for electrical work.

Alemany Sewer

Eaton and Smith were the low bidders on the contract for construction of Section F of the Alemany Sewer, running from Evans avenue to Napoleon street.

Bids were submitted on Propositions A and B. Proposition B involved a slightly shorter sewer extension.

The bid of Eaton & Smith on Proposition A was \$52,655; their bid on Proposition B was \$48,210. The second lowest bidder was M. J. Lynch, at \$55,033.25 and \$49,462.50.

Other Bidders

Other bidders were: Healy-Tibbitts Construction Co., \$58,060 and \$52,436; Charles L. Harney, \$61,593.50 and \$55,000; Clinton Construction Co., \$61,819 and \$56,410, and John Rocca, \$68,042.75 and \$60,918. Available funds will determine the proposition under which the contract will be awarded.

Twelve firms submitted bids on the contract for general construction of the Lowell High School boys' gymnasium. They included: De Luca and Son, Inc., \$94,100; Leo Epp, \$93,877; B. A. Howkins, \$94,875; Grant - Martelli Const. Co., \$97,290; Central California Construction Co., \$97,363; Meyer Brothers, \$97,749; and F. C. Amoros and Sons, \$97,999.99. Other bidders were Peter Sartorio and MacDonald & Kahn Company, Ltd.

The second lowest bidder for mechanical equipment and plumbing work was Anderson and Rowe, at \$18,438. Other bidders included: Skelly and Kohler, \$19,000; O'Mara & Stewart, \$19,117; and George Rehn, \$19,444.

Electrical Work

Edward J. Lynch Electric Co., at \$4,724, was the second lowest bidder on the contract for electrical work. Other bidders included: B. J. Doherty, \$4726; United Electric Const. Co., \$4847; and G. H. Armstrong, \$4979.

San Francisco Bridge Co. Bids \$962,000 For Alameda Naval Air Station Contract

WASHINGTON, D. C., Feb. 9.—A low basic bid of \$960,000 was submitted to the Navy Department, Bureau of Yards and Docks, here today for waterfront improvements at the Alameda Naval Air Station.

The low basic proposal was submitted by San Francisco Bridge Co., 503 Market street, San Francisco.

Three other bids were submitted on the contract, and since a number of alternate proposals were included in the bidding schedule a considerable alteration in the amounts of basic proposals is possible.

Basic Proposals

Complete basic bids were as follows:

San Francisco Bridge Co.	\$960,000
Johnson, Inc., and Case Const. Co., San Pedro	1,122,920
George Pollock Co., Sacramento	1,161,253
Ben C. Gerwick, Inc., San Francisco	1,200,000

The contract for which bids were opened here today is the first major construction job at the Alameda Naval Air Station, which when completed will have cost an estimated \$13,500,000.

Work covered by the contract on which bids were received today includes dredging and filling, stone seawalls and jetties, and steel sheetpile bulkheads and pier, including wood piles, timber work and concrete curbs.

Alternate Bids

Alternate proposals included in the bidding schedule would provide for extension of the seawall, alternate type of steel sheetpile jetties, and omission of the pier. Prices also were submitted for all work exclusive of dredging and filling, and for dredging and filling, the later being a unit price per cubic yard place measurement.

CELOTEX BUILDS NEW PLANT NEAR LONDON

Steadily increasing business in the British Isles and colonies has necessitated construction of a new Celotex plant in the Stonebridge Park section near London, the Celotex Corporation of Chicago, announces.

The \$1,250,000 plant is near completion and will begin operations in March. The plan properties provide a large storage area for raw materials. The cane fibre will enter the plant at one end, progress through the washing, mixing, Ferro processing, and board forming machines to the drying ovens, and finally to the fabricating and warehouse spaces. Celotex hardboard products follow a similar process, finishing at the warehouse space.

Shipments of domestic water systems for the first eleven months of 1937 amounted to \$2,275,942, as compared to shipments amounting to \$1,795,205 for the same period in 1936, according to the Bureau of Census.

THREE HIGHWAY CONTRACTS LET

SACRAMENTO, Feb. 9.—Three State Division of Highways contracts were awarded here today by State Director of Public Works Earl Lee Kelly.

Contracts were let to: Rock & Gravel Trucking Co., Oakland, at \$54,363 for grading and surfacing 6.2 miles in Napa county; V. R. Dennis Const. Co., San Diego, at \$16,885 for grading and surfacing 0.2 mile in San Diego county; and Macco Const. Co., Clearwater, at \$75,862 for grading and paving with Portland cement concrete about 0.7 mile in Ventura county.

The third largest job for which bids were opened yesterday involved construction of a steel pedestrian underpass at the Marina Approach of Golden Gate Bridge. J. Philip Murphy, at \$3663, submitted the low bid, followed by Judson Pacific Company, at \$4000; and Schrader Iron Works at \$3859.

The Bureau of Building Repairs at \$3614.57, submitted the low bid for construction of a lunch room at the Sherman School. The second lowest bidder was the Empire Construction Company, at \$3643.

Director William H. Worden issued three calls for bids, all to be opened February 23, for resurfacing Minnesota street between 18th and 19th streets; construction of concrete sidewalks on all sides of North Beach Playground except Lombard street; and construction of sidewalks on north side of Agua way between Teresa boulevard and Chaves, and other locations.

Bids on two contracts were opened by the Public Utilities Commission yesterday. San Francisco Elevator Company at \$1647, submitted the low bid for installing a sidewalk elevator in the San Francisco Water-Department building at 425 Mason street. Martin Murphy, at \$611.80, submitted the low proposal for laying mains in Twenty-ninth avenue between Pacheco and Quintara streets.

Approximately 30,000,000 board feet of lumber will be required in the construction of the 1939 Golden Gate International Exposition.

SECOND UNIT OF CAMPBELL HIGH OUT FOR BIDS

**Proposals for School Addition
Work Scheduled for Open-
ing, February 21st**

Bids for construction of the second unit of the Campbell High School Addition this week were called for February 21 by Campbell Union High School District.

The second unit of the Campbell High School reconstruction project involves an auditorium building, shop building and administration building.

Plans for the first and second units of the high school addition were prepared by Architect Harold H. Weeks of San Francisco.

First Unit Awarded

The first unit, which consisted of the gymnasium only, is now being constructed by F. C. Stolte Co., Alameda, at the bid price of \$55,400. Bids on the first unit were opened early in December and the contract was awarded shortly afterwards.

In addition to construction of an auditorium building, shop building and administration building, the contract for the second unit included fencing, paving and construction of six tennis courts.

The estimated cost of the work, based on the deduction of the gymnasium contract price from the original estimated cost of \$242,380, is \$186,980. A PWA grant of \$109,071 will aid in financing the work.

Plans and specifications may be obtained from the office of Architect H. H. Weeks, 593 Market St., San Francisco, upon deposit of \$50.

REVISION OF ROOFING SPECIFICATION BOOK

Koppers Co., Koppers Building, Pittsburgh, Pa., has just issued a new edition of its standard roofing specifications book, written in blank and ready for inclusion in architectural and engineering master specifications. Diagrams illustrate each set of specifications.

There are data concerning spray pond roofs which permit the reuse of water in air conditioning systems, and watercooled roofs to insulate the upper floors of buildings. Complete specifications for all types of coal tar pitch and tarred felt roofs are shown, as well as sections devoted to applications over wood decks, concrete or poured gypsum, pre-cast concrete or gypsum, book tile, steel deck or under promenade tile. A large portion of the book is devoted to illustrated descriptions of various methods of waterproofing and dampproofing residence and deep foundations, highways, sidewalk vaults, shower baths, swimming pools, tunnels, etc. Other sections deal with insulation, flashing specifications and metal finishing strip details.

State Invites Bids on Fair Assembly, Exhibit Building, Yountville Barracks

SACRAMENTO, February 8.—The State Division of Architecture today issued bid calls for three projects in Sacramento, Yountville and Camarillo.

Bids will be opened in the office of George B. McDougall March 1 and March 8.

The largest contract calls for construction of a \$300,000 assembly hall and dairy exhibits building at the Agricultural Park in Sacramento.

Posting of Accounts By Social Security Board Underway

Posting of wage accounts under the old-age insurance program of the Social Security Act is now underway, the Social Security Board has announced. Already wage information for the workers of nine States is being entered on their ledger sheets, and it is expected that by the end of February the posting will cover workers in every State.

This is the second step in the program which provides for payment of old-age insurance benefits to men and women in industry and commerce when they reach the age of 65 and retire from work. The first was the recording of personal information furnished on more than 37,000,000 applications for social security account cards. The setting up of social security accounts for workers from these applications is regarded as virtually complete.

The posting of wages to social security accounts could not be undertaken until the Board had received from the United States Treasury the wage reports of employers showing amounts paid their workers.

Second Reports in

The first reports, covering the first half of 1937, were submitted to the Bureau of Internal Revenue by July 31, last, and were received by the Board from the Treasury during the final months of 1937. The second, showing wages paid through December 31, 1937, were in the hands of the collectors of internal revenue on or before January 31 of this year but will not be available for posting for several weeks.

Beginning January 1, 1938, these wage reports by employers are being made quarterly instead of semi-annually.

The speed with which posting of individual wage accounts can proceed will depend upon the flow of wage information furnished by employers, as certified to the Social Security Board by the Treasury. By the end of June the Board expects to be able to answer inquiries of workers as to the status of their wage accounts, and the Board is considering procedures which will make it possible for workers to obtain such information at regular intervals.

Bids will be opened March 1.

Large Auditorium

The assembly building will house an auditorium seating approximately 1250, according to Mr. McDougall. In addition a number of incidental rooms of various sizes will be included in the structure.

The assembly building will be of reinforced concrete construction. Specifications call for brick veneer; structural steel; wood and concrete floors; wood roof deck; tile roof and steel sash.

The dairy exhibits building will be a combination one- and two-story structure. The building will be of reinforced concrete construction with brick veneer. It will have steel sash and a tile roof.

Bids will be taken as follows: general work combined for both buildings; plumbing work combined for both buildings; electrical work combined for both buildings; heating and ventilation for assembly building only; and refrigeration for dairy exhibits building only.

On the same day bids will be opened for erection and completion of electrical ground lighting at the Camarillo State Hospital in Camarillo.

The electrical work consists of street lighting standards, concrete bases, conduit, cable, wire and illumination, according to Mr. McDougall.

On March 8 bids will be opened in Sacramento for erection and completion of Barracks No. 7 at the Veterans' Home in Yountville.

The barracks building will be of reinforced concrete construction and will be two stories in height. Specifications call for steel sash; tile roof together with approximately 880 lineal feet of services, conduits and manholes.

Segregated bids will be taken as follows: general work; electrical work; plumbing work; and heating work.

Plans and specifications on all projects may be obtained from the office of State Architect George B. McDougall, Public Works Bldg., Sacramento, upon deposit of \$25 per set. The deposit is returnable.

Shipments of steel office furniture for the first eleven months of 1937 amounted to \$23,740,184, as compared to shipments of \$17,132,963 recorded for the same period in 1936, according to the Bureau of Census.

PLANS PREPARED FOR DUTCH EAST INDIES EXHIBIT

First Foreign Nation Submits
Complete Specifications
For 1939 Fair Bldg.

The drive to bring all lands of the Pacific together in 1939 at the Golden Gate International Exposition gained impetus this week with arrival of architectural specifications for the building to be erected by the Netherlands East Indies.

First foreign land among the long list of participants to send definite building specifications, the Netherlands East Indies have submitted to Exposition officials complete plans for their pavilion which will cost in the neighborhood of \$50,000, according to Leland W. Cutler, president of the Exposition.

The plans drawn by Architect Robert Deppe, were submitted by the Honorable H. J. van Mook, Chief of the Department of Economic Affairs of the Netherlands East Indies Government at Batavia, Java, who is directing that country's exhibit.

50-foot Towers

Typical of the East Indies, the building will be a long, rectangular structure, covering 7,100 sq. ft., approximately 120 feet long and 60 feet wide. At each end of the building an ornate tower will rise to a height of some 50 feet. Both towers project forward from the main structure forming a recess along the building's front. Intricate bas relief, copied from the famous ruins of Borobodor, will reveal ancient symbolism and faces of Oriental gods on the storied tower walls.

Panels along the building's sides will also carry bas relief typical of that developed from that found on the walls of the ancient temples built by forgotten races in the steaming jungles of the East Indies.

Entrance to the pavilion will be through carved doors of heavy native wood located at the base of each tower. Sliding windows of the Oriental type, squat and close together, will run completely around the building on all four sides, and another row of windows will pierce the sectioned roof along the front of the structure.

Reception Hall

Entering through either tower door, visitors will find themselves in a spacious reception room decorated with East Indian scrolls, batik wall hangings, and lined with murals depicting the scenic wonders of all the "spice" islands—Java, Sumatra, Bali, the Celebes, Dutch Borneo, and the smaller island groups.

Along the front of the building a long hall extending the full length of the pavilion will be devoted to commercial displays and will be known as the Export Prod-

Lag-Screw Joints Subject of Study By U. S. Laboratory

The behavior and design of lag-screw joints is the subject of Technical Bulletin 597, just issued by the Department of Agriculture, dealing with a study made at the Forest Products Laboratory of the U. S. Forest Service.

Tests were conducted to determine resistance to direct withdrawal and to lateral displacement by J. A. Newlin, principal engineer, and J. M. Gabagan, assistant engineer of the Forest Products Laboratory at Madison, Wisconsin.

A considerable variation in the most desirable size of the lead hole for a lag screw was noted in the tests. The lead hole for the entire shank was found to be most satisfactory when it was the same diameter as the shank. The favored diameter of lead hole for the threaded portion of the screw however, was found to be 40 to 70 per cent of the shank diameter of the screw for northern white pine, 60 to 75 per cent for Douglas fir and southern yellow pine, and 65 to 85 per cent for white oak, depending upon the size of the screws.

Resistance to both direct withdrawal and lateral displacement of the lag screws was found to vary as a function of the diameter of the screw and the specific gravity of the wood in which they were driven.

The resistance to both direct withdrawal and lateral displacement of a lag screw from an end-grain was found to be about three-fourths as great as from a side-grain surface of the same piece.

ucts Gallery. The remainder of the public section of the building will be divided into the main exhibit hall, known as the Cultural Gallery, and a smaller room known as Kopok Hall, where the handicrafts and distinctive textiles of the Dutch islands of the Far East will be shown in their native state. The Cultural Gallery will be devoted to art treasures collected from all the islands—wood and stone carvings; brass and bronze; fine batiks fashioned into wall hangings, sarongs, and slendongs; treasures from the temples; native paintings, and scores of rare and priceless objects d'art typical of ancient civilizations in the East Indies.

Exhibit Storeroom

An office, exhibit storeroom, and restrooms will complete the floor plans.

The intricate scroll work on the towers and various other sections of the building, both exterior and interior, will be made of clay cast from molds sent from Java. It has not yet been determined whether the building will be constructed here or transported here in sections.

AIRPORT BOND BLOCK IS SOLD BY SUPERVISORS

Preliminary Engineering, Land
Purchase Underway for
Municipal Program

Preliminary engineering work and land purchasing for the \$2,850,000 San Francisco airport improvement program yesterday were well underway following the sale of bonds totaling \$643,000 by the San Francisco Board of Supervisors.

Funds from the sale of the first bonds will be used for the initial portions of the airport improvement program, according to the Public Utilities Commission.

Additional bonds will be sold as the work progresses.

About \$20,000 of the \$643,000 will be spent for preliminary engineering work which is now underway. Fifty thousand dollars will be spent for the purchase of necessary lands. The remainder of the money will be spent on actual improvements.

\$200,000 Levee

Construction of a levee for the land field extension will cost about \$200,000, according to the Commission.

The largest of the initial contracts will involve fill and earthwork for the seaplane base. This work will cost approximately \$373,000.

Improvements at the airport are being done with an eye to future needs, according to Utilities Manager Edward G. Cahill. The entire program will cost approximately \$2,850,000. Of this amount \$1,400,000 will be spent for seaplane port improvements. Landplane port improvements will cost \$1,300,000. The remaining \$150,000 will be spent for land purchases and radio and navigational equipment.

Apprentice Class Sees Streamliner

Continuing its program of field trips, the class of steamfitters' apprentices this week visited the new streamliner, according to Executive Secretary S. W. Finney of the Heating & Piping Contractors' Association of San Francisco.

Jointly sponsored by the association and the steamfitters union, the apprentice classes have been of unusual interest. The trip this week was arranged by J. K. Fields, business agent of the union.

The class met at the plant of Norman S. Wright & Co., 250 Perry street, where Mr. Scotchler of the firm gave a demonstration of the correct way to connect copper tubing used in the heating industry.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
378	Seglas	Lindsay	5000
379-86	Standard	Owner	3500
387-89	Tomlin	Owner	3000
376	Doelger	Owner	5000
377	Flood Realty	Meinberger	2990
390	Johnson	Owner	3000
391	Johnson	Owner	3000
392	Johnson	Owner	3000
393	Tessler	Saxon	2500
394	Tidewater	Owner	3000
395	Vandborg	Stendell	4500
562 5	Doelger	Owner	4000
566	Masten	Papenhausen	6000
556	Bishop	Owner	3200
557	Campbell	Erickson	4500
558	Hoppe	Owner	3000
559	Stoneson	Owner	3500
560	Thorinson	Owner	4500
561	Thorinson	Owner	3500
567	Owl Drug	Dunn	10000
568-71	Struthers	Owner	3000
572	Willoh	McBride	1000
573	Flood	Meinberger	2990
574	Heglin	Owner	3500
575	Y. M. C. A.	Wagner	2000

DWELLING
(379) E. 34TH AVE., 425 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(380) E. 34TH AVE., 525 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(381) E. 34TH AVE., 400 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(382) E. 34TH AVE., 450 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(383) E. 34TH AVE., 375 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(384) E. 34TH AVE., 475 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(385) E. 34TH AVE., 500 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(386) E. 34TH AVE., 550 N SANTIAGO. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

DWELLING
(387) N. AVALON, 75 W ATHENS. One-story and basement frame dwelling.
Owner—Frances Tomlin, 418 Munich.
Architect—Not Given. \$3000

DWELLING
(388) N. AVALON, 25 W ATHENS. One-story and basement frame dwelling.
Owner—Frances Tomlin, 418 Munich.
Architect—Not Given. \$3000

DWELLING
(389) N. AVALON, 50 W ATHENS. One-story and basement frame dwelling.
Owner—Frances Tomlin, 418 Munich.
Architect—Not Given. \$3000

DWELLING
(390) W. GAMBIER, 90 S SILVER. One-story and basement frame dwelling.
Owner—J. A. Johnson, 69 Madison Street.
Architect—Not Given. \$3000

DWELLING
(391) W. GAMBIER, 65 S SILVER. One-story and basement frame dwelling.
Owner—J. A. Johnson, 69 Madison Street.
Architect—Not Given. \$3000

DWELLING
(392) W. GAMBIER, 115 S SILVER. One-story and basement frame dwelling.
Owner—J. A. Johnson, 69 Madison Street.
Architect—Not Given. \$3000

ALTERATIONS
(393) 1438 PAGE ST. Alter apartment house.
Owner—I. Tessler, Prem.
Contractor—N. W. Saxon, 1602 De Young Bldg.
Architect—Not Given. \$2500

ALTERATIONS
(394) SE 15TH AVE. AND TARAVAL. Alter service station.
Owner—Tide Water Assoc. Oil Co., 79 New Montgomery St.
Architect—Not Given. \$3000

DWELLING
(395) S. HOLLOWAY AVE., 50 E ARCH. One-story and basement frame dwelling.
Owner—L. Vandborg, c/o Contractor. Contractor—Elvin C. Stendell, 2143 Kirkham St.
Architect—Not Given. \$4500

DWELLING
(556) E BRONTE 164 S Cortland Ave. One-story and basement frame dwelling.
Owner and Builder—Henry Bishop, 11 Bronte Street.
Architect—Not Given. \$3,200

DWELLING
(557) W APTOS DR. 320 S Upland Dr. One-story and basement frame dwelling.
Owner—Lucile Campbell, c/o Contractor. Contractor—Henry Erickson, 972 Cherry Street.
Architect—Not Given. \$4,500

DWELLING
(558) N JAMESTOWN 150 W Ingalls. One-story frame dwelling.
Owner and Builder—Jos. W. Hoppe, 321 Paul Avenue.
Architect—Not Given. \$3,000

DWELLING
(559) NE BEACHMONT DR. and Lagunitas Dr. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$6,000

DWELLING
(560) E LAKEVIEW 50 S Josiah. One-story and basement frame dwelling.
Owner and Builder—F. H. Thorinson, 1630 Ocean Avenue.
Architect—Not Given. \$3,500

DWELLING
(561) E LAKEVIEW 25 S Josiah. One-story and basement frame dwelling.
Owner and Builder—F. H. Thorinson, 1630 Ocean Avenue.
Architect—Not Given. \$3,500

DWELLING
(562) E 45th AVE. 250 S Judah St. One-story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(563) E 16th AVE. 103 N Lomita. One-story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(564) E 16th AVE. 140 N Lomita. One-story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(565) E 45th AVE. 275 S Judah St. One-story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(566) NW SAN MARCOS 315 SW Santa Rita Ave. Two-story and basement frame dwelling.
Owner—Chas. Masten, 442 Post St.
Contractor—H. Papenhausen, 595 Victoria Street.
Architect—Masten & Hurd, 442 Post Street. \$6000

(567) 893 MARKET ST. Alter drug store.
Owner—Owl Drug Co., 657 Mission St.
Contractor—Louis C. Dunn, 681 Market Street.
Architect—Not Given. \$10,000

DWELLING
(568) W SANTA FE 165 SW Silver. One-story and basement frame dwelling.
Owner and Builder—Marshall Struthers, 4250 Mission Street.
Architect—Not Given. \$3,000

DWELLING
(569) W SANTA FE 138 SW Silver. One-story and basement frame dwelling.
Owner and Builder—Marshall Struthers, 4250 Mission Street.
Architect—Not Given. \$3,000

DWELLING
(570) W SANTA FE 86 SW Silver. One-story and basement frame dwelling.

Owner & Builder—Marshall Struthers, 4250 Mission Street.
Architect—Not Given. \$3,000

DWELLING
(571) W SANTA FE 112 SW Silver. One - story and basement frame dwelling.
Owner & Builder—Marshall Struthers, 4250 Mission Street.
Architect—Not Given. \$3,000

ALTERATIONS
(572) 2801-2807 MISSION ST. Alter store.
Owner—August Willoh, 2801 Mission.
Contractor—R. C. McBridge, Jr., 2212 Polk Street.
Architect—Not Given. \$1,000

ALTERATIONS
(573) 718 MISSION ST. Alter store and loft.
Owner—Flood Realty Co., Flood Bldg.
Contractor—H. S. Meinberger, 956 Folsom St.
Architect—Not Given. \$2990

DWELLING
(574) E. 30TH AVE., 150 N JUDAH. One-story and basement frame dwelling.
Owner—Ben Heglin, 1245 24th Ave.
Architect—Not Given. \$2500

ALTERATIONS
(575) 220 GOLDEN GATE AVE. Alter Y. M. C. A.
Owner—Y. M. C. A. Trustees, 220 Golden Gate Ave.
Contractor—Geo. Wagner, 181 South Park.
Architect—Not Given. \$2000

DWELLING
(376) E. 16TH AVE., 65 N LOMITA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$5000

ALTERATIONS
(377) 718 MISSION ST. Alter store and loft.
Owner—Flood Realty Co., Flood Bldg.
Contractor—H. S. Meinberger, 956 Folsom St.
Architect—Not Given. \$2990

DWELLING
(378) NW 4TH AVE. AND CABRILLO. One-story and basement frame dwelling.
Owner—Maurice E. Seglas, 4616 Cabrillo.
Contractor—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—C. O. Clausen, 746 46th Ave. \$2000

596 Yrigoyen Owner 3000
DWELLING
(596) S RAYMOND 100 E Alpha. One - story and basement frame dwelling.
Owner and Builder—Joe Yrigoyen, 31 Thornton.
Architect—Not Given. \$3,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
20	Benedict	Goodenough	3000
621	Netherby	Netherby	4000
622	East Bay Mun.	Owner	25000
623	Lervick	Hughes	2800
624	Wyman	Van Ness	3850
625	Hoffman	Owner	3500
626	S. F. Sul. Co.	Lindgren	12000
627	Tavares	Van Aalst	2500
628	Chin	Carr	3000
629	Graham	Parsons	1000
630	Hill	Owner	3500
631	Muller	Owner	6000
632	Zimmerman	Griffin	1500
633	Barnes	Davis	3500
634	Dor	Yick	1000
635	Hutchison	Gifford	2500

ALTERATIONS
(620) 2100 VINE ST., BERKELEY.
Alterations.
Owner—M. M. Benedict, 1427 Spruce St., Berkeley.
Contractor—S. H. Goodenough, 2043 Francisco St., Berkeley.
Architect—Not Given. \$3,000

DWELLING
(621) 39 AGNES ST., OAKLAND. One-story 5-room dwelling.
Owner—E. M. Netherby, 3853 Lyman Road, Oakland.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. \$1,000

STORAGE TANK
(622) 1284 QUEENS RD., BERKELEY. Water storage tank.
Owner & Builder—East Bay Municipal Utilities Dept., 512 16th St., Oakland.
Architect—Miller & Warnecke, Oakland. \$25,000

DWELLING
(623) 2586 OLIVER AVE., OAKLAND. One-story 5-room dwelling.
Owner—Margaret L. Lervick, 1239 60th Ave.
Contractor—Wm. Hughes, 1239 60th Ave.
Also 1-story garage, \$100.
Architect—Not Given. \$2000

DWELLING
(624) 4638 REINHARDT DR., OAKLAND. One-story 5-room dwelling.
Owner—G. L. Wyman, 3160 Seminary Ave.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd.
Architect—Not Given. \$3950

DWELLING
(625) 5820 ELIZABETH ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—H. W. Hoffman and C. J. Tiffin, 5720 Avenal Ave.
Architect—Not Given. \$3500

STORAGE SHED
(626) 900 HEINZ AVE., BERKELEY. One-story 1-room storage shed.
Owner—S. F. Sulphur Co., 7th and Heinz Ave., Berkeley.
Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.
Architect—K. Thell, 580 Market St. \$12,000

DWELLING
(627) 2214 BROWNING, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Mrs. M. Tavares, 2316 Browning.
Contractor—W. Van Aalst, 1305 Franklin.
Architect—Not Given. \$2500

SERVICE STATION
(628) 324 8TH ST., OAKLAND. 1-story steel service station.
Owner—Harry Chin, 275 9th St.
Contractor—Wm. H. Carr, 1968 El Dorado Ave., Berkeley.
Architect—Not Given. \$3000

ADDITION
(629) 3321 RANDOLPH AVENUE, OAKLAND. Addition.
Owner—Lucy Graham, Prem.
Contractor—George P. Parsons, 4333 Townsend Ave.
Architect—Not Given. \$1000

DWELLING
(630) 2147 109TH AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—R. Hill & Son, 880 St. Marys Ave., San Leandro.
Architect—Not Given. \$3500

DWELLING
(631) 6333 CONTRA COSTA ROAD, OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Hugo Muller, Jr., 6339 Contra Costa Rd.
Architect—Not Given. \$6000

ALTERATIONS
(632) 1718 5TH AVE., OAKLAND. Alterations and repairs.
Owner—W. Zimmerman, Prem.
Contractor—C. Griffin, 4001 Midvale Ave.
Architect—Not Given. \$1500

DWELLING
(633) 3971 BARNES AVE., OAKLAND. One-story 5-room dwelling.
Owner—Theodore Barnes, Prem.
Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.
Also 1-story garage, \$250.
Architect—Not Given. \$3500

ALTERATIONS
(634) 714 FRANKLIN ST., OAKLAND. Alterations.
Owner—Lee Dor, Prem.
Contractor—Frank Yick, 300 8th St.
Architect—Not Given. \$1000

DWELLING
(635) 3735 MADRONE AVE., OAKLAND. One-story 4-room dwelling.
Owner—A. W. Hutchison, 3048 Madeline St.
Contractor—L. A. Gifford, 3512 Hopkins St.
Architect—Not Given. \$2500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
250	Woolworth	Goodman	2903
251	Vogel	McCarthy	13000
252	Flood Realty	Meinberger	8650
253	S. P. Co.	Dohrmann	—

ELECTRICAL WORK
(250) S CHESTNUT 206 W Steiner. Electrical work in store.
Owner—F. W. Woolworth Company.
Architect—Not Given.
Contractor—Frank F. Goodman.
Filed, Feb. 4, '38. Dated, Feb. 3, '38.
Monthly payments of75%
Usual 35 days.....25%
TOTAL COST, \$2,903.00

Bond, \$1,451.50. Sureties, Hartford Accident & Indemnity Co. Plans and specifications filed.

STORE & FLAT BLDG.
(251) N. GEARY, 69 E COOK ST. Two-story frame store and flat building.
Owner—Edgar Z. and Elsa A. Vogel, 1215 Cole St.
Architect—Chas. F. Strothoff, 2274 15th St.
Contractor—Robt. McCarthy, 1363 14th Ave.
Filed Feb. 5, '38. Dated Feb. 3, '38
Frame complete\$3,250
Walls sheet rocked.....\$2,250
Completion.....\$2,250
Usual 35 days.....\$2,250
TOTAL COST, \$13,000.
Bond, \$13,000. Surety, Maryland Cas. Co. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(252) 718 MISSION ST. Alter store.
Owner—Flood Realty Co., Flood Bldg.
Contractor—H. S. Meinberger, 956 Folsom.
Filed Feb. 7, '38. Dated Dec. 23, '37
75% each month;
25% usual 35 days.
TOTAL COST, \$8,650.
Bond, \$8,650. Surety, St. Paul Mer-

curry Indemnity Co. Limit, 50 days. Plans and specifications filed.

INSTALL EQUIPMENT

(253) **FELL AND BAKER STS.**
Install dishwashing equipment, etc., in hospital.
Owner—Southern Pacific Co., 65 Market St.
Contractor—Dohrmann Hotel Supply Co., 972 Mission St.
Filed Feb. 7, '38. Dated Feb. 4, '38.
75% each month;
25% usual 35 days.

TOTAL COST, \$3608.49
Bond, \$3608.49. Surety, Pacific Indemnity Co. Limit, 30 days. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No. 153	Owner Reeves	Contractor Nicholson	Amt. 13121
---------	--------------	----------------------	------------

RESIDENCE

(153) **LOT 18, BLK. C, Montclair Estates, Oakland.** Two - story frame residence.
Owner—Dr. J. M. Reeves, 2708 Sunset.

Architect—Wm. Edw. Schirmer, 427 13th St.
Contractor — D. W. Nicholson, 357 12th St.

Filed Feb. 7, '38. Dated Jan. 28, '38
Frame up, shingles on.....\$3280.45
Brown plastered 3280.45
Completion 3280.45
Usual 35 days 4280.45

TOTAL COST, \$13,121.80
Bond, \$13,121.80. Surety, United Pac. Ins. Co. Limit, 120 days. Plans and specifications filed.

SAN FRANCISCO CO. PERMITS
UNDER \$1000

ALTER garage, \$500; 1387 Valencia; owner, C. A. Anderson, prem.; contractor, Joel Johnson & Son, 1614 Church St.

ALTER dwelling, \$100; 2350 Anza; owner, A. Siebeck, 206 Judah St.; contractor, Nelson Annihilators, 210 Post St.

SIGN, electric, \$90; 2099 3rd Street; owner, Almo's, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$275; 1030 Kearny St. owner, Il Travatore Cafe, prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

SIGN, electric, \$90; NW Duboce and Market St.; owner, Standard Stations, Inc., premises; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER dwelling, \$120; 847 Oak St.; owner, A. M. Greenwald, 1419 Fulton St.

ALTER hall, \$700; 747 Market St.; owner, Mansfield Inv. Co., 747 Market St.; various contractors.

ALTER hotel and restaurant, \$485; 333-35 Geary St.; owner, Hotel Stewart, premises; contractor, J. L. McLaughlin Co., 251 Kearny.

SIGN, electric, \$300; 312 Columbus; owner, Tosca Cafe, prem.; contractor, Brumfield Electric Sign Co., 965 Folsom St.

ALTER flats, \$150; 1533 Webster; owner, Abe Levin, premises.
SIGN, electric, \$125; 253 Post St.; owner, American Express Company, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$475; 608 Second; owner, A. E. Alexander, prem.
ALTER office, \$100; 351 California; owner, Balfour Bldg., Inc., prem.

ALTER boarding house, \$200; 648 Octavia; owner, L. S. Haas, 25 Gough St.; contractor, Star Orn. Iron Works, 227 Bay St.

ALTER dwelling, \$200; 425 Lyon St.;

owner, A. F. Delucchi, premises
ALTER garage, \$300; rear 1020 Capp St.; owner, Tim Foley, prem.; contractor, J. Eolan, 3885 25th St.
SIGN, electric, \$300; 246 Mason St.; owner, Erie Hotel, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

FLUES, \$150; W Greenwich 100 N Pierce; owner, T. R. Sharman, 3700 Broderick St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.

ALTER flats, \$500; 635-637 3rd Ave.; owner, James Kirk, 224 4th Ave.; contractor, John L. Wold, 153 Oxford St.

BILLBOARD, \$7; NE 3rd and Armstrong; owner & contractor, Foster & Kleiser Co., 1675 Eddy St.
SIGN, metal, \$40; 968 Market St.; owner G. Rosenberg, premises; contractor, Carl S. Vintler, 370 Van Ness Ave. South.

FLUES, \$150; W Greenwich 75 N Pierce St.; owner, T. R. Sharman 3700 Broderick St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.

SIGN, electric, \$200; 255 Grant Ave.; owner, Thomas-Allec Corp., 255 Grant Ave.; contractor, Electric Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 1830 San Jose; owner, Dennis Zabelle, 1830 San Jose Ave.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER office and store bldg., \$400; 870 Market St.; owner, Flood Realty Co., 870 Market St.

ALTER office bldg., \$500; 988 Market St.; owner, Market-Taylor Bldg. Co., 988 Market St.

SIGN, electric, \$50; 136 Kearny St.; owner, Regal Shoe Co., Prem.; contractor, State Mfg. Co., 55 Rausch St.

ALTER shop, \$400; 2449 Lombard St.; owner, M. Deslano, 2453 Lombard St.; engineer, James M. Smith, 251 Kearny St.

ALTER hall, \$250; 747 Market St.; owner, Mansfield Investment Co., 747 Market St.; contractor, D. Porter, 72 Commercial St.

SIGN, electric, \$350; 408 Market St.; owner, Cardinal Pictures, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

BILLBOARD, \$25; SE Mission and Italy.; owner, West Coast Adv. Co., 1430 Divisadero St.

SIGN, electric, \$100; 1531 Pacific St.; owner, J. Barba, Prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER plant, \$995; 6000 3rd Street; owner, Vermont Marble Co., 525 Market St.; contractor, Soule Steel Co., 1750 Army St.

ALTER apartment house, \$750; 2514 Octavia St.; owner, Marshall Smith, 2517 Octavia St.

ALTER barber shop, \$250; 918 Sutter St.; owner, J. Carlson, 916 Sutter St.; contractor, Woodcraft Mfg. Co., 45 Hallam St.

SIGN, electric, \$385; 312 Columbus Ave.; owner, Tosca Cafe, Prem.; contractor, Brumfield, 965 Folsom St.

BILLBOARD, \$13; NE Potrero and Army; owner, West Coast Adv. Co., 1430 Divisadero St.

SIGN, electric, \$100; 87 13rd St.; owner, St. James Hotel, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

FLUE, \$50; S. 27th St., 255 E of Diamond; owner, E. A. James, 4156 23rd St.
SIGN, electric, \$200; 734 Mission St.; owner, H. Cohn, Prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 44 Page St.; owner, Druids Hall Assn., Prem.; contractor, Brumfield, 965 Folsom St.

ALTER warehouse and office, \$50; 4277 Mission St.; owner, G. Mazzera Co., Prem.

BILLBOARD, \$7; NW Ocean and Delano; owner, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$100; 3238 Fillmore St.; owner, Ideal Paint Co., Prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$60; 355 Van Ness Ave.; owner, James F. Waters, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER apts., \$700; 1355 California; owner, M. Turner, 937 Buchanan St.; contractor, L. Landry, 467 Laidley.

SIGN, electric, \$75; NW Golden Gate and Van Ness; owner, M. Schultz premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER lodge hall, \$400; 2449 Lombard St.; owner, M. Deslano, 2453 Lombard; plans by J. M. Smith, 251 Kearny St.

SIGN, electric, \$250; 1965 Market; owner, Gantner, Felder & Kenny, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 566 Market St.; owner, A. & J. Levin, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 4700 3rd Street; owner, Progressive Drug Store, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$300; 1965 Market St. owner, Gantner, Felder & Kenny premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 4749 Mission St.; owner, Star Bocci Ball, premises contractor, Apex Elec. Co., 363 Fell St.

SIGN, electric, \$150; 3401 Sacramento St.; owner, Peoples Food Store premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$300; 767 Market St.; owner, Parker Dental System Co. premises; contractor, Elec. Prod. Corp., 910 Harrison St.

FLUE, \$20; 1136 Eddy St.; owner, Chapter Red Cross Nurses, Premises; contractor, H. Castley, 156 Waller St.

WALL, \$100; 737 Broderick Street; owner, Capt. Oscar Anderson, Prem.; contractor, Calif. Concrete Co., 1630 Steiner St.

ALTER dwelling, \$150; 286 17th Ave.; owner, E. Peters, 797 35th Ave.

ALTER flats, \$275; 639-41 Silliman St.; owner, Quinto Panicaics, 514 Kansas St.

ALTER winery, \$200; 776 Folsom St.; owner, A. Duchein, c/o Architect; contractor, G. P. W. Jensen & Sons, Inc., 320 Market St.

ALTER store, \$100; 730 Bush Street; owner, Manhattan Liquor Shop, Prem.

ALTER restaurant, \$400; 1801 1/2 Market St.; owner, L. Nicholas, Prem.

SIGN, roof, \$25; SW California and Arguello; owner, The Texas Co., Hearst Bldg.; contractor, Aetna Elec. Co., 1435 Eddy St.

ALTER tower, \$700; 1035 Howard St.; owner, Eng. Skell Co., Prem.; contractor, Geo. Windler Co., 2201 Jerrold Ave.

ALTER dwelling, \$45; 120 Cortland Ave.; owner, A. Peterson, Prem.

SIGNS, roof (4), \$25 each; SW Arguello and California (all at the same location); owner, Texas Co., Hearst Bldg.; contractor, Aetna Elec. Co., 1435 Eddy St.
ALTER garage, \$390; 650 Fell St.; owner, E. Meyran, 138 Erie St.; contractor, Ed Rosemont, 395 Ninth Street.
ALTER flats, \$90; 160 Langton St.; owner, John Dominge, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 10.—Miscellaneous |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings |
| 5.—Flats | 14.—Firm Houses and Jells |
| 6.—Garages and Service Stations | 15.—Residences |
| 7.—Federal Buildings | 16.—Schools |
| 8.—Club Buildings | 17.—Stores and |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Equipment |

1—APARTMENTS

TO PREPARE PLANS

LOS ANGELES, Cal.—Max Maltzman, architect, for the Elliott Const. Co., 5816 Wilshire Blvd., Los Angeles, has been commissioned to prepare plans and supervise construction of a two and part 3-story frame and stucco apartment house (130x180-ft.) on Lindbrook Drive, West Los Angeles, for Dr. F. W. Acker. Estimated cost, \$150,000. Manufacturers' representatives are requested to see Mr. Maltzman relative to requirements for the building and all equipment. 1

Sub Contracts Awarded

APARTMENTS Cost, \$52,500
SACRAMENTO, Calif. 1416-18-20 H Street.

New apartment building.
Owner—Anch Hoffman, Roseville.
Architect—Nok Glien.
Contractor—A. Fisher, 800 35th St., Sacramento.

Plumbing & Heating—Leonard U. Plummer, 1019 J Street.
Electric Wiring—Jack Kohl, 1710 10th Street.

Tile Work—Fischer Tile & Marble Co., 1219 J St.
Glass—T. E. Cain, Inc., 2416 J St.
Hardwood Floors—Forsberg & Frise, 1865 49th St.

Iron Grille Work—The Palm Iron & Bridge Works, P.O. Box 748.
Brick and Stone Work—Harry Johnson, 818 26th St.

Lumber—Friend & Terry Lbr. Co., Front and S Streets.
Mill Work—Capital City Planing Mill, 1912 9th St.
Painting—Willcoxon & Wilson, 1724 34th St.

Lathing & Plastering—Thos. F. Scollan Co., 2919 T St.
All of Sacramento. * 1

3—CHURCHES

CONTRACT AWARDED

LOS ANGELES, Cal.—J. M. Lynn, 1507 W. Adams Blvd., Los Angeles, awarded contract for construction of a 3-story reinf. conc. church and Sunday school bldg. (72 x 117 ft.) at 10801 Wilshire Blvd., for University Bible Center, Inc. Cost, \$125,000.
Harold O. Sexsmith, architect, 6636 Hollywood Blvd., Los Angeles. 3

4—FACTORIES & WAREHOUSES

Sub Contract Awarded
WAREHOUSE Est. Cost, \$100,000
SAN FRANCISCO. Beale and Bryant Streets.
Steel frame warehouse (wood and

composition roof, wood piles, steel sash).
Owner—Matson Navigation Co., 215 Market St.
Structural Engineer—Kaj Thell, 580 Market St.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
M. E. McGowan, Inc., 74 New Montgomery St., San Francisco, awarded contract for furnishing and driving of timber and concrete composite piles.
Structural steel bids are now being taken. * 4

TO BE DONE BY DAY'S WORK

SANTA BARBARA, Cal.—Johnston Fruit Co., Quinteros and Salsipuedes Sts., Santa Barbara, will proceed with work at once by day labor and subcontract, on the construction of a large packing house at the above address. It will have a floor area of approximately 2½ acres; wood floor construction, stucco exterior, composition roof, maple and mastic floors, steam heat from the existing plant. Natural vent will be used. Conveying equipment has already been bought. Subcontracts will be let for the electric work, plumbing and roofing. The plant will cost approximately \$200,000. R. B. Burndage is manager of the company's packing house. W. W. Ache, architect, 301 N. Citrus Ave., Los Angeles. 4

6—GARAGES & SERVICE STATIONS

Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO. 11th Ave. and Geary St.

New steel gasoline service station.
Owner—Standard Oil Co. of Calif., 225 Bush St.

Plans by Engr. Dept. of Owner.
General Work—Fred J. Early, Jr., 369 Pine St., San Francisco.

Plumbing and Piping—William P. Goss, Inc., 4640 Geary St., San Francisco.

Electric Wiring—H. C. Reid & Co., 389 Clementina St., San Francisco.

Contract Awarded
SERVICE STATION Cost, \$.....
OAKLAND. Cal. Harrison and 14th. Steel gasoline service station.

Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engr. Dept. of Owner.

Contractor—Lewis & Clark, 1002 California Bldg., Oakland. *

Sub Contracts Awarded
REMODEL STATION Cost, \$.....
REDWOOD CITY, San Mateo Co., Cal. Near Depot.

Remodel gasoline service station.
Owner—Shell Oil Co., 100 Bush St., San Francisco.

Plans by Engr. Dept. of Owner.
Contractor—Peter Sorensen, 919 Arguello St., Redwood City.

Roofing—C. L. Frost, 3159 El Camino Real, Palo Alto.

Plumbing—V. L. Doppee, 247 Iris St.
Electric Wiring—Dingman Elec. Co., 1027 Allerton St.

Rock, Sand and Cement—Redwood Material Co., Maple St.

Sheet Metal—Sesquia Sheet Metal Works, 640 Maple St.

Glass—West Coast Glass Co., 516 High St., Palo Alto.
Iron—Victor Michel, 1440 Main St.
Grading—J. O. Archibald, 929 Shasta Street.

Foundations and Concrete—Woodside Concrete Co., 919 Arguello St.
Lumber—Gray-Thorning Lumber Co., 2 Redwood.

Mill Work—North Redwood Woodworking Co., San Carlos.

Hardware—Redwood City Hardware Co., 2615 Broadway.

Lathing and Plastering—J. W. Conkle, El Camino Real.

Steel—W. C. Hauck & Co., 280 San Bruno Ave., San Francisco.
All of Redwood City unless otherwise noted.

7—FEDERAL BUILDINGS

MATERIALS APPROVED

SHELTON, Wash.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Shelton, A. F. Mowat Construction Co., general contractors; Plumbing fixtures, Kohler Co.; electric water coolers, Nash-Kelvinator Corp.; indirect water heater, Taco Heaters; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Johns-Manville Co.; sump pump, Well Mfg Co.; boiler, Kewanee Boiler Corp.; tube and wall radiators, Amer. Radiator Corp.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators and all valves for ends of steam mains Hoffman Specialty Co.; rubber-covered wire, Habirshaw Cable & Wire Corp.; steel tube and conduit, Walker Bros.; panel boards and main switch, NePace-McKenny Corp.; receptacles and flush switches, Arrow-Hart & Hegeman Elec. Co.; glassware, Perfection Glass Co. and Phoenix Glass Co.; lighting fixtures, Perfection Co. 7

BIDS WANTED

RIVERSIDE AND KERN COS. Cal.—Until Feb. 17, 2 p.m., bids will be received by the U. S. Dept. of Agriculture, Farm Security Admin., 227 Wells Fargo Bldg., 85 Second St., San Francisco, for furnishing all labor and materials and performing all work for the construction of 80 residential units and utilities, consisting of electric and water distribution lines, sewage facilities, and roads; 40 units and utilities on the Shafter Tract, Kern Co., Shafter; 40 units and utilities on the Coachella Tract, Riverside Co., Coachella, both tracts being a part of the California Migratory Labor Camps Project. Plans and specifications not exceeding two sets may be obtained at the above address, upon deposit of check or money order for \$10, payable to the Treasurer of the U. S., for each set. H. F. Hallstien will be available at the above address to answer questions relative to these plans and specifications. Attention is drawn to the minimum wage rates and maximum hours, as prescribed by the U. S. Dept. of Agriculture for this project. R. B. Lord, coordinator. The houses will be wood frame structures with metal deck roofs and concrete floors. * 7

BIDS OPENED

SAN DIEGO, Calif.—Moore Machinery Co., 2045 Santa Fe Ave., Los Angeles, at \$2,943, submitted low bid to the Public Works Office,

Headquarters, 11th Naval District, foot of Broadway, San Diego, for refrigerating equipment and rooms in Mess Hall-Galley Building at the 11th Naval District (Reeves Field), Terminal Island, Los Angeles Harbor. Spec. 8654.

Other bids were:
Booker Bros., Inc. \$2,283
George Belsey Co., Ltd. \$2,317.60

BIDS OPENED

SEATTLE, Wash.—R. A. Neuman, McMinnville, Ore., at \$4,100, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. Federal Office Building at Seattle, Wash.

Complete bids follow:
E. A. Neuman, McMinnville, Ore.—\$4,100.

The West Coast Painters Co., Seattle, Wash.—\$4,802.

D. Zelinsky & Sons, San Francisco, Cal.—\$5,250.

C. G. Swanson, Seattle, Wash.—\$6,100.

E. H. Stordahl, Seattle, Wash.—\$6,122.

Theriault Constructing Co., Philadelphia, Pa.—\$6,969.

Apex Painting & Decorating Co., Seattle, Wash.—\$6,976.

Henry L. Grohne, Decatur, Ill.—\$6,966.

Larry H. Boseck, Seattle, Wash.—\$6,934.

L. Van Kenken, Bellingham, Wash.—\$7,695.

BIDS WANTED

SAN FRANCISCO.—Until Mar. 4, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for making miscellaneous changes and repairs in the U. S. Mint at San Francisco.

Drawings and specifications may be obtained from the above office and from the office of the District Engineer, Room 232, Federal Office Bldg., San Francisco.

CONTRACT AWARDED

MARE ISLAND, Cal.—Van Fleet-Freear Co., 557 Howard St., San Francisco, at \$2,683, awarded contract by the Public Works Officer, U. S. Navy Yard, Mare Island, for asphalt tile floor covering for Bldg. No. 71; Spec. 8660.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 25, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal shelving and electrical work at the Federal Office Bldg., San Francisco.

Drawings and specifications obtainable from the above office and from the Custodian of the Building at San Francisco.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 17, 11 a.m., bids will be received by the Public Works Officer, Eleventh Naval District, foot of Broadway, San Diego (Public Works Department), for alterations to sinks and drainboards at the 11th Naval District (Hospital), San Diego.

Work consists in general of (a) the removal of existing kitchen sinks and drainboards in three quarters and the furnishing and installing of new kitchen sinks, drainboards and cupboards to replace the work removed; (b) furnishing and installing two automatic water ejectors to drain two manholes. Work includes in general: carpentry, mill work, the work and plumbing.

Bidding data obtainable from the Public Works Officer, Headquarters, Eleventh Naval District, foot of

Broadway, San Diego, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. 7

COMPLETE BIDS

SAN FERNANDO, Los Angeles Co., Cal.—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles, at \$184,500, submitted low bid to the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for Infirmiry Bldg. No. 41, to be built at the Veterans' Administration Facility, San Fernando.

Separate bids were received for (I) General construction, including plumbing, heating and electrical work, and (II) electric elevator and dumb-waiters.

Total general bids follow:

Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles—\$184,500.

James I. Barnes Constr. Co., Santa Monica—\$197,000.

Wm. E. Loesch, Pasadena—\$203,728.

Robert E. McKee, Los Angeles—\$205,700.

Baruch Corp., Los Angeles—\$204,964.

Harvey A. Nichols, Los Angeles—\$208,000.

Campbell & Kelly, Los Angeles—\$208,113.

Theodore A. Beyer Corp., Los Angeles—\$211,180.

Wm. T. Nell Co., Los Angeles—\$208,300.

Wesco Constr. Co., Los Angeles—\$218,830.

Whittaker & Snook, Pasadena—\$219,000.

Pozzo Constr. Co., Los Angeles—\$219,269.

Brunzell & Jacobson—\$219,447.

Lovrlch & Konjehod, Los Angeles—\$219,984.

Byrets & Dunn, Los Angeles—\$221,500.

Carlo Bonjiovanni Constr. Co., Los Angeles—\$235,554.

W. E. Allen, Long Beach—\$238,362.

Lembke Constr. Co., Albuquerque, N. M.—\$244,750.

Chas. W. Pettifer, Long Beach—\$250,980.

Total elevator bids follow:

Montgomery Elevator Co., Moline, Ill.—\$11,267.

Kimball Bros. Co., Council Bluffs, Iowa—\$11,393.

Otis Elevator Co., Washington, D. C.—\$12,116.

Pacific Coast Elevator Co., Los Angeles—\$14,219.

BIDS OPENED

SAN DIEGO, Cal.—Edgar F. Hastings, 889 Armada Terrace, San Diego, at \$1,420, submitted low bid to the Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8556, for repairing shower enclosures at the Marine Corps Base, San Diego.

Only other bid submitted by F. E. Young, San Diego, at \$1,676. 7

BIDS WANTED

GRANTS PASS, Ore.—Until Mar. 1, 10 A. M., bids will be received by the Procurement Div., Pub. Bldgs. Branch, Washington, D. C., for insect screens in the U. S. P. O. at Grants Pass, Oregon.

Drawings and specifications obtainable from the above office and from the Custodian of the Building at Grants Pass. 7

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Feb. 16, 11 a.m., bids will be received at the office of the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., under Spec. No. 8661, for modernization of electric elevator in Building No. 71, at the Navy Yard, Mare Island.

Work involves furnishing and installing the necessary equipment and safety devices to convert the electric elevator now installed from hand rope control to full automatic push button control.

Specifications may be obtained from the commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order for \$5, payable to the Chief of the Bureau of Yards and Docks.

Bid Opening Date Postponed Until April 29, 1:00 P. M.

RESIDENCE

MANILA, P. I.
Construction of the U. S. High Commissioner's Office and Residence (except elevators and dumbwaiter), and garage and servants' quarters at Manila, Philippine Islands.

Owner—United States Government. Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Washington, D. C., and from District Engineer, Wm. Arthur Newman, 232 Federal Office Bldg., San Francisco, Cal.

No deposit required for two sets of plans.

Opening date postponed from Mar. 15. A set of plans and copy of specifications are now on file for local examination by general contractors, sub-contractors and manufacturers at the office of the Constructing Quartermaster, Ft. Mason, San Francisco.

CONTRACT AWARDED

SAN DIEGO, Cal.—R. V. Morris Co., 1202 Kettner Blvd., San Diego, awarded contract, at \$3,690, by the 11th Naval District for improving fire protection system in Buildings Nos. 24 and 36 at the Naval Operating Base (Air Station), San Diego; Spec. 8623. 7

BIDS WANTED

KETCHIKAN, Alaska.—Until Feb. 23, bids will be received by the Superintendent of Lighthouses, Ketchikan, Alaska, for repairing and improving Ketchikan Lighthouse Depot wharf and buoy shed. 7

CONTRACT AWARDED

SAN DIEGO, Cal.—Edgar F. Hastings, 889 Armada Terrace, San Diego, at \$1420, awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. 8556, for repairing shower enclosures at the Marine Corps Base, San Diego. 7

CONTRACT AWARDED

POST OFFICE Cont. Pr., \$54,974
PACIFIC GROVE, Monterey Co., Cal. United States Post Office.
Owner—U. S. Government.
Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Contractor—K. E. Parker Co., 135 South Park, San Francisco.

MATERIALS APPROVED

SANTA MONICA, Los Angeles Co., Cal.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Post Office at Santa Monica, James I. Barnes Construction Co., general contractors:
Lawn sprinklers, H. L. Gee Mfg. Co.; water softener, Ray N. Eddy; glassware, Inland Glass Co.; and Gleason-Tiebout Co.; lighting fixtures, Metalcrafts, in lieu of previous approval. 7

LOW BIDDER

PASADENA, Los Angeles Co., Cal.
Phoenix-Day Co., 728 Mission St., San Francisco, at \$73, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing special exterior lighting fixtures at the U. S. Post Office at Pasadena.

CONTRACT AWARDED

SAN FERNANDO, Los Angeles Co., Cal.—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles, at \$134,500, awarded contract by the Veterans' Administration, Washington, D. C., for Infirmary Bldg. No. 41, to be built at the Veterans' Administration Facility, San Fernando.
Montgomery Elevator Co., Moline, Ill., at \$11,267, awarded contract for elevator.
Complete bids published Feb. 4.

8—CLUB BUILDINGS

Contract Awarded
LODGE BLDG. Cost, \$60,000
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.

Two-story and basement reinforced concrete club building (50x100 feet) club rooms, banquet hall, kitchen, shower room, etc.
Owner—Vallejo Lodge of Elks (Clarence Price, President).
Architect—Dodge Riedy, 821 Market St., San Francisco.
Contractor—David Paganini, 617 Montgomery St., San Francisco.
Construction will start within ten days.

Preparing Working Drawings
BOWLING HALL Cost, \$.....
MERCED, Calif.
One-story concrete or hollow tile and concrete building (50x150 ft.), containing eight bowling alleys, pool room, and restaurant.
Owner—Withheld.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Contract Awarded
RECONSTRUCTION Cont. Pr. \$58,685
OAKLAND, Alameda Co., Calif. 1547 Oak St.
Reconstruction of building.
Owner—Scottish Rite Temple Assn.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco. • 8
(1515)

9—HOSPITALS

Contract Awarded
BAKERY BLDG. Cont. Pr. \$26,597
STOCKTON STATE HOSPITAL, San Joaquin Co., Cal.
Two-story reinforced concrete addition to existing bakery building, complete with all mechanical and electrical work; steel windows, steel trussed roof framing and wood roof sheathing.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Contractor—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.

SUB CONTRACTS AWARDED
ELDRIDGE, Sonoma Co., Calif.—The Campbell Constr. Co., 800 R St., Sacramento, reports the following sub contracts awarded for water treatment plant at the Sonoma State Home at Eldridge:
Plumbing and Electric Wiring—Luppen & Hawley, Inc., 3126 J St., Sacramento.
Reinforcing Steel—The Palm Iron & Bridge Works, P.O. Box 746, Sacramento.

Bids Wanted — To Close March 1, 2:00 P. M.
GROUND LIGHTING Cost, \$.....
CAMARILLO, Ventura Co., Calif.
Camarillo State Hospital.
Erection and completion of electrical ground lighting at the state hospital consisting of street lighting standards, concrete bases, conduit, cable, wire and illumination.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Plans and specifications may be obtained from the State Architect's office upon deposit of \$25, returnable.

TO ASK BIDS
SAN DIEGO, Cal.—San Diego Co. Supervisors will call for bids about March 20 for the first unit (men's dormitory) of a new tuberculosis hospital to be built in San Diego county. Est. cost, \$75,000. A women's dormitory, admin. building and service unit will be built on the site later. Total estimated cost of the institution is \$235,000. F. W. Stevenson, 409 Spreckels Bldg., San Diego architect. 9

Preparing Working Drawings
VETERINARY HOSPITAL Est. Cost, \$12,000
SANTA CLARA CO., near San Jose. Fourth and Bayshore.

Frame, stucco and part concrete and part glass brick animal hospital, with dog kennels.
Owner—Dr. Rex Taylor, c/o Architect—Edward W. Aress, 516 1st National Bank Bldg., San Jose.
Upon completion of plans, general bids will be taken.

Preparing Plans Est. Cost, \$313,000
ADDITIONS SAN MATEO CO., near Redwood City. Hassler Health Home.
Addition of ward building; doctors' dwelling, nurses' residence; children's unit; dining room; five cottages for patients, and a service building.
Owner—City and County of San Francisco.
Architect—Charles H. Sawyer, Room 265, City Hall.

Sub-Contracts Awarded
HOSPITAL BLDG. Cost, \$.....
STOCKTON STATE HOSPITAL, San Joaquin County.
Two-story reinforced concrete unit for acute disturbed females (steel sash, the roof).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
Contractor—Villadsen Brothers, Inc., 354 Hobart St., Oakland, \$129,600.
Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

Tire Furring and Partitions—Reed & Reed, 1131 Hearst Building, San Francisco.
Finish Tile—Superior Tile Co., 3743 Broadway, Oakland.
Misc. Iron-Steel Sash and Steel Doors Michel and Pfeffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.
Ornamental Iron—Forderer Cornice Works, 269 Potrero Avenue, San Francisco.
Mill Work—Capital City Planing Mill 1312 9th St., Sacramento.
Glass and Glazing—W. S. Fuller & Co., 218 S. Aurora St., Stockton.
Lathing and Plastering—L. T. Crispin, Rt. 1, Box 564, Stockton.
Roofing—General Roofing Co., 3983 Beach St., Oakland.

Contracts Awarded
HOSPITAL Cont. Pr. \$31,900
MERCED, Merced Co., Calif. Merced General Hospital, 13th and D Sts. One-story Class B women's and children's ward unit.
Owner—County of Merced.
Architect—Johnson & Wethered, A. O. Johnson, architect, Sir Francis Drake Hotel, San Francisco.
Contractor—Liner & Allen, 130 27th St., Merced.

Separate bids were received for (a) general work, (b) linoleum, (c) lathing and plastering, (d) plumbing, (e) heating, and (f) electric work.
Complete bids, except on linoleum, follow:

General Work	
Liner & Allen, Merced (contract awarded)	\$31,900.00
C. H. Dodd, Stockton	32,166.00
C. B. Cameron & Son, Merced	32,747.00
J. C. Meyers, Stockton	33,726.00
M. B. Folsom, Merced	34,457.00
Vickroy Constr. Co., Stockton	34,700.00
H. H. Henning, Stockton	34,980.00
C. A. Hillberg, Turlock	36,935.00
R. W. Brown Constr. Co., Madera	37,204.00
Salih Bros., San Francisco	39,181.00

Linoleum	
Panhandle Linoleum Co., S. F. (contract awarded)	1,428.00
Lathing and Plastering	
J. H. Shone, 11 18th St., Merced (contr. awarded)	4,150.00
Joseph Masi, Fresno	4,657.00
Alex Nelson, Turlock	4,600.00

Plumbing	
Sanitary Plumbing Co., P.O. Box 937, Merced (contract awarded)	3,931.00
Merced Plumbing Shop, Merced	4,519.71
Valley Plumbing & Sheet Metal Works, Merced	4,676.00
Scott Co., Inc., S. F.	4,877.00
C. B. Hedman, Turlock	4,916.80
O. H. Vetter, Stockton	5,236.60
Finzel Plumbing Co., Oakland	5,882.00

Heating	
Sanitary Plbg. Co., Merced (contract awarded)	3,694.00
Valley Plbg. & Sheet Metal Works, Merced	4,060.00
G. C. Bell, Oakland	4,720.00
C. B. Hedman, Turlock	4,766.70
O. H. Vetter, Stockton	5,194.45
Scott Co., Inc., S. F.	5,334.00
Finzel Plbg. Co., Oakland	5,792.00

* Electric Work
Robinson Elec. Co., 136 N. Van Ness Ave., Fresno

4,925.00

Eddy Elec. & Mech. Co., Stockton

4,981.00

Sanitary Plbg. Co., Merced

4,988.00

United Elec. Const. Co., San Francisco

5,125.00

Scott-Buttner Elec. Co., Oakland

5,826.00

* All bids for electric work were rejected. Plans will be revised and new bids asked at a later date.

12—POWER PLANTS

Contract Awarded
FOUNDATIONS Cost, \$.....
BELMONT, San Mateo Co., Cal.
Construction of foundations for outdoor structures at Belmont.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Plans by Engrg. Dept. of Owner.
Contractor—H. H. Larsen Co., 64 South Park, San Francisco.

BIDS WANTED
EL CENTRO, Imperial Co., Cal.—Until Feb. 19, 10 A. M., bids will be received by the El Centro City Council for reconstruction and adding to the public library building in El Cen-

(tro. Plans may be obtained from Albert E. Hansen, architect, 832 S. Glendale Ave., Glendale, or Philip W. Knights, El Centro city engineer.

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

BIDS OPENED

SAN FRANCISCO—San Francisco Elevator Co., Inc., 860 Folsom St., at \$1,647 submitted low bid to Public Utilities Commission, City Hall, under Spec. No. W. D. 165, for furnishing and installing a sidewalk elevator of the plunger electric type in the General Office Bldg. of San Francisco Water Dept., 425 Mason St., including all plumbing, electrical work, screen enclosures, waterproof sidewalk door, safety gate, furring, cutting and patching up, painting work and all work incidental thereto.

Complete bids follow:
S. F. Elevator Co., Inc. \$1,647
Otis Elevator Co. 1,650
Carlen Const. Co. 1,775
M. E. Vukicevich 1,787
K. C. Van Emon Elevator Co. 1,790

Planned
EXHIBIT BLDG. Cost, \$50,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building (120 x 60 ft.), with two 50-ft. towers; exhibit galleries, offices, storeroom and restrooms.

Owner—Netherland East Indies (Hon. H. J. van Mook, Chief of Dept. Economic Affairs, Batavia, Java).

Architect—Robert Deppe. 13 (1516)

Bids Wanted — To Close March 1st, 1938

ASSEMBLY BLDG. AND DAIRY EXHIBIT BUILDING

Est. Cost, \$300,000
SACRAMENTO, Calif. Agricultural Park.

Erection and completion of the Assembly Building, containing an assembly hall seating approximately 1250, and various other incidental rooms combined in one building of reinforced concrete construction, brick veneer, structural steel, wood and concrete floors, wood roof deck, tile roof, and steel sash and erection and completion of a combination one and two-story reinforced concrete dairy exhibit building with brick veneer, steel sash and the roof.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Pub. Works Bldg., 12th and N Sts., Sacramento.

Segregated bids will be received as follows:

- (1) General work, combined for both buildings;
- (2) Plumbing work, combined for both buildings;
- (3) Electrical work, combined for both buildings;
- (4) Heating and Ventilating, for assembly building only;
- (5) Refrigeration for dairy exhibits building only.

Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Bids must be accompanied by cashier's or certified check payable to the Director of Public Works, in the amount of 10% of bid.

BIDS OPENED

FRESNO, Cal.—G. W. Wilkerson, Fresno, at \$2,497, submitted low bid to the County of Fresno (E. Dusenberry, Clerk), for painting portions

of the Fresno County Courthouse.

Complete bids follow:
G. W. Wilkerson, Fresno. \$2,497
M. W. Hancock, Fresno. 2,580
Patterson Bros., Oakland. 3,144
Joe Stretter, Fresno. 4,556

Bids Wanted — To Close March 8, 2:00 P. M.

BARRACKS Cost, \$.....
YOUNTVILLE, Napa Co., Cal.
Erection and completion of Barracks No. 7 at the Veterans' Home at Yountville, consisting of a two-story reinforced concrete building with steel sash and tile roof, together with approximately 880 lin. ft. of services, conduits and manholes.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids only will be received for the following segregated parts of the work:

- (1) General work;
- (2) Electrical work;
- (3) Plumbing work;
- (4) Heating work.

Plans and specifications may be obtained from the State Architect's office upon deposit of \$25, returnable.

Preparing Preliminary Plans

REST ROOM Cost, \$4,000
SACRAMENTO, Sacramento Co., Cal. Land Park.

Owner—City of Sacramento.
Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

BIDS WANTED

SAN FRANCISCO—Until Feb. 23, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. 19,110 for construction of a primary digester for the Richmond-Sunset Sewage Treatment Plant; a PWA project.

Bids will be taken on two propositions as follows: Proposition A (1) structural work; (2) digester equipment; (3) digester inside plumbing; (4) digester operating house piping and equipment; (5) outdoor piping and miscellaneous equipment; (6) heating plant equipment and piping; and (7) electrical equipment. Proposition B - The same as prop. A with the exception of item 6 for heating plant equipment and piping, which will be omitted.

Est. cost on Prop. A \$80,000. Est. cost on Prop. B \$70,000.

Specifications may be obtained from the office of John J. Casey, Room 351, City Hall, upon deposit of \$10.

NEW BIDS WANTED

SAN FRANCISCO—Until Feb. 16, 3 p.m., new bids will be received by the Public Utilities Commission, Rm. 287, City Hall, for finishing rooms in the first story of the Administration Building at San Francisco Airport.

Bids will be taken and must be submitted on all three of the following propositions: (A) finish coffee shop and kitchen and adjacent closets; (B) finish refreshment room and passage and closet adjacent; (C) all work.

Plans have been slightly revised and work will include plastering and painting walls; flooring; painting woodwork and windows, etc.; lighting fixtures; radiators and grilles; wiring; roughed-in outlets for plumbing; flues; screens.

Bids opened Jan. 28 were rejected, at which time Mullen Mfg. Co., 60-80 Rausch St., San Francisco, at \$10,545, submitted low total bid.

Bids Wanted—To Close February 21, 3:00 P. M.

SCULPTURAL MODELS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Enlarging and casting sculptural models for East Towers and East Walls at the Exposition site; Contract No. 129.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.

Bid Call Cancelled

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering in East Courts at the Exposition site; Contract No. 133.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Arch. Commission, 585 Bush St., San Francisco.

Bid call for above work scheduled to have been opened Feb. 21, 3 p.m., has been cancelled, and will be called again at a later date.

Planned
AUDITORIUM, ETC. Cost, \$400,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

An auditorium and radio building with a seating capacity of approximately 3500, and to house radio equipment including probably three studios.

Owner—State of California.
Plans by Architectural Advisors to the California Commission for Golden Gate International Exposition.

Cost of the building will be \$250,000; of interior furnishings, seats, etc., \$75,000; and radio equipment, \$75,000.

Bids Wanted — To Close Feb. 28, 7:30 P. M.

CITY HALL ETC. Est. Cost, \$40,000
DAVIS, Yolo Co., Cal. F. St.

One-story Spanish style City Hall, fire house and jail building, to house administrative offices and court room.

Owner—City of Davis.
Architect—Dragon & Schmidts, 2068 Allatun Way, Berkeley.

Plans and specifications may be obtained from the architects' office upon deposit of \$25.

Bids Rejected

JAIL ADDITION Cost, \$42,000
MADERA, Madera Co., Calif.

Two-story reinforced concrete and granite wing addition to connect with existing building, by 20-foot court; remodel front of existing bldg.; new office rooms; women's ward on 2nd floor of new wing; basement to house kitchen, laundry and equipment.

Owner—County of Madera.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

All bids received February 1 and held unopened until February 8 by instructions of the District Attorney, have been rejected and returned to bidders unopened. New bids will be called when plans have been approved by the State Prison Welfare Department.

BIDS OPENED

SACRAMENTO, Cal.—Henry Finigan, 1714 16th St., Sacramento, at \$4,981, submitted low bid to the Sacramento City Council, for the erec-

tion of a training tower for the Sacramento Fire Department.

Complete bids follow:

Henry Finnigan	\$4,981
Heldner Constr. Co.	4,990
Chas. F. Unger	5,468
F. V. Burgeson	5,518
All of Sacramento.	* 13

14—RESIDENCES

Working Drawings Completed
RESIDENCE Cost, \$6,000
SAN FRANCISCO. Francisco Hts.
One-story and basement residence (5 rooms, patio breakfast room), hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, \$6,000
OAKLAND, Alameda Co., Cal. 6333 Contra Costa Road.
Two-story frame residence (6 rms.).
Owner & Builder—Fugo Muller, Jr., 633 Contra Costa Road.
Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$.....
PIEDMONT, Alameda Co., Calif.
Two-story frame residence.
Owner—Paul St. Sure.
Architect—Clarence W. Mayhew, 6020 Acacia St., Oakland.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Plans Completed
RESIDENCES Cost, \$5000 & \$6000
SAN CARLOS, San Mateo Co., Calif.
Howard Park.
Two one-story frame residences (5 and 6 rooms) shingle and shake roofs, flush sidings, hardwood floors, tile baths, etc.
Owner and Builder—Paul A. Wolter, Jr., 90 Ravenwood Dr., San Francisco.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, \$.....
SAN LEANDRO, Alameda Co., Calif.
One-story frame and brick veneer residence with tile roof, hardwood floors, etc.
Owner—Mr. Robertson, c/o architect.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Preparing Plans
RESIDENCE Cost, \$.....
KENTFIELD, Marin Co., Cal.
One-story frame residence (eight rooms), shake roof, steel sash, hardwood floors, tile baths, air conditioning system.
Owner—Withheld.
Architect—C. F. Gromme, Fretas Bldg., San Rafael.
Upon completion of plans, general bids will be received from a selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$.....
SACRAMENTO, Sacramento Co., Cal.
Swanston Park.
One-story frame and stucco residence (5 rooms) shingle roof, gas fired hot air heating system, hardwood floors, tile baths, etc.
Owner—Mr. Meyer.
Architect—Herbert Goodpastor, Mission Bldg., Sacramento.
Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.

Plans Completed
RESIDENCE Est. Cost, \$6,500
OAKMERE, Alameda Co. Waterhouse Road.
One and one-half story frame and stucco residence (6 rooms).

Owner—W. Schoettler, c/o Architect.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.
Plans will be figured shortly by a selected list of contractors.

Completing Plans
RESIDENCES Cost, \$3,500 ea.
OAKLAND, Alameda Co. Cal. Broadway Terrace.
Five or six 1-story frame and stucco residences (shingle roofs).
Owner—Edward Hooper, 1501 Madison St., Oakland.
Architect—Not Given.
Owner will take segregated bids in about one week when plans are completed.

Preparing Working Drawings
RESIDENCE Est. Cost, \$5000
WOODSIDE, San Mateo Co., Calif.
One-story and basement frame and stucco residence (steel sash, composition roof, gas fired hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Upon completion of plans Peninsula contractors are invited to submit general bids.

To Be Done By Day's Work
RESIDENCE Cost, \$4,500
SAN JOSE, Santa Clara Co., Calif.
Hedding St.
One-story frame and stucco Monterey residence (5 rooms), wood shingles, hardwood floors, tile baths, etc.
Owner & Builder—P. J. Bassetta.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
REPAIRS Cost, \$1,132
OAKLAND, Alameda Co., Cal. 1255 E. 34th St.
General repairs to residence.
Owner—Home Owners Loan Corp., 785 Market St., San Francisco.
Plans by Engr. Dept. of Owner.
Contractor—G. D. Gaeta, 816 Kains Ave., Albany.

Contract Awarded
REPAIRS Cost, \$440
SUNNYVILLE, Santa Clara Co., Cal. 200 Bayview Ave.
General repairs to residence.
Owner—Home Owners Loan Corp., 785 Market St.
Plans by Engr. Dept. of Owner.
Contractor—K. R. Warren, 351 Carroll St., Sunnyvale.

Contract Awarded
RESIDENCE Cost, \$6,500
SAN FRANCISCO. NW San Marcos, 315 SW Santa Rita Ave.
Two-story and basement frame residence.
Owner—Chas. Masten, 442 Post St.
Architect—Masten & Hurd, 442 Post St.
Contractor—H. Papenhausen, 595 Victoria St. * 14

Sub Contracts Awarded
RESIDENCE Cost, \$6,000
SAN JOSE, Santa Clara Co., Calif. North 19th St.
One-story frame residence (5 rooms).
Owner—J. Dallas, 191 W. Reed St.
Architect—Not Given.
Contractor—V. J. Sunzerl, 176 N. 31st Street.
Roofing—Bush Roofing Co., 750 Stockton Ave.
Plumbing—O. J. Clewett, 131 Boston Ave.
Electric Wiring—St. Charles Elect. Co., 39 N. Market St.
Sheet Metal—Western Sheet Metal Works, 1393 W. Santa Clara St.
Tile Work—Malvini Tile Co., 1390

Everett St.
Window Shades—San Jose Window Shades Co., 1007 S. 1st St.
Hardwood Floors—Floor Service Co., McLaughlin Ave., near Story Road.
Brick and Stone Work—S. C. Ziller, 474 S. 7th St.
Lumber and Mill Work—Pacific Mfg. Co., Santa Clara.
Painting—J. B. Walker, 852 E. Santa Clara St.; G. Romani & Sons, 1046 W. San Fernando St.
All of San Jose unless otherwise noted. * 14

To Be Done By Day's Work
RESIDENCES (8) Cost, \$3,500 each
SAN FRANCISCO. E. 34th Ave., N. of Santiago St.
Eight one-story and basement frame residences.
Owner & Builder—Standard Building Co., 1500 Judah St.
Architect—Not Given. 14

Plans Being Figured—Bids Close Feb. 15, 2 P. M.
RESIDENCE Cost, \$.....
ROSS, Marin Co., Cal.
Two-story frame and stucco residence (5 rooms), composition roof, forced air heating system, wood sash, hardwood floors, etc.
Owner—Carl Rislisk, c/o Arch.
Architect—Angus McSweeney, 604 Mission St.
Plans are being figured by the following selected list of contractors:
V. Maggiora, 15 Harrison Avenue, Sausalito.

Leibert & Trobeck, Albert Bldg., San Rafael.
William Martin, 666 Mission St., San Francisco.
J. H. Johnson, 666 Mission Street, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
De Luca & Son, Inc., 1745 Filbert St., San Francisco.

15—SCHOOLS

Bids Opened
LABORATORY Cost, \$.....
ALBANY, Alameda Co., Calif.
Completion of third unit of addition to Albany High School, consisting of chemics and physics laboratory.
Owner—Albany High School District.
Architect—Dragon & Schmidts, 2068 Alston Way, Berkeley.
Low Bidder—C. M. Teigland, 525 49th St., Oakland, \$4,924.
Complete bids follow:
C. M. Teigland, Oakland..... \$4,924
C. M. Norgrove, Berkeley..... 5,282
Robert E. Bartlett, Berkeley..... 5,333
Braas & Kuhn Co., S. F..... 6,498

Bids Wanted—To Close March 8, 3:00 P. M.
HIGH SCHOOL Cost, \$100,000
EL CERRITO, Contra Costa Co., Cal. El Cerrito High School.
First unit of three-story reinforced concrete high school building consisting of the shell of the building without any finish work. Work will include concrete walls, floors, etc.
Owner—Richmond Union High Sch. District (Walter T. Helms, Supt. of Schools).
Architects—Dragon & Schmidts, 2068 Alston Way, Berkeley.
Structural Engineer—W. Adrlan, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architect's office upon deposit of \$25.
Above work is first unit of eventual \$200,000 high school plant.

BIDS OPENED

SAN FRANCISCO.—Inlaid Floor Co., 600 Alabama, St., at \$98, submitted low bid to the Dept. of Public Works, City Hall, for sanding and refinishing floor in Room No. 1, in Veterans' Bldg., War Memorial.

Only other bid submitted by the Aetna Hardwood Floor Co., at \$154.

Plans Completed

HIGH SCHOOL Est. Cost, \$50,000
SAN ANSELMO, Marin County, Cal. Sir Francis Drake Boulevard and Saunders Avenue.

One-story and basement frame and stucco high school building containing five classrooms, assembly hall and woodwork shop; concrete foundations.

Owner—Tamalpais Union High School District.

Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.

Excavation work by WPA is under way. Plans are now in Sacramento awaiting approval of the State Division of Architecture.

Plans Completed

GYMNASIUM Est. Cost, \$300,000
SAN FRANCISCO, George Washington High School.

Addition of boys' and girls' 2-story gymnasium and athletic field with bleachers on the high school grounds.

Owner—City and County of S. F.

Architect—Chas. H. Sawyer, city architect, Room 265, City Hall.

Plans have been forwarded to the state division of architecture for approval.

Contract Awarded

SCHOOL Cont. Pr., \$33,226
MADERA COUNTY, Calif.

New frame and stucco and stucco grammar school to contain three classrooms and auditorium (tile roofs, new toilets).

Owner—Riparian School Dist., c/o Clerk, Madera.

Architect—F. L. Swartz, Brix Bldg., Fresno.

Contractor—R. W. Brown Constr. Co., 118 S. Kay St., Madera.

Contract awarded on basis of acceptance of alternates 1, 6, 7 and 12.

Complete bids follow:

R. W. Brown Constr. Co., Madera	\$33,799
Liner & Allen, Merced	34,046
John E. Saterstad, Madera	34,708
W. J. Ochs	35,627
L. Uhels	36,180
T. C. and W. H. Irwin	37,946
Harris Constr. Co.	39,229
E. J. Denney	34,817
Trewhitt-Shields & Fisher	35,938
Shalz Constr. Co.	36,250
Midstate Constr. Co.	38,133
Hodgson & Sons	39,990

Contracts Awarded

SCHOOL ADDN. Cont. Pr., \$116,360
OLYMPIA, Washington.

Add. to Washington Grade School for Junior High School.

Owner—School District 320, Thurston Co., Wash. (Harry L. Wortman, Clerk).

Architect—Joseph H. Wohleb, Chambers Bldg., Olympia.

Contractor—Standard Construction Co., Perkins Bldg., Tacoma.

General Installation Co., Olympia, at \$37,739 awarded contract for the plumbing & heating work and Raymond Electric Co., Tacoma, at \$10,820 awarded contract for the electric work. 15

BIDS WANTED

SAN FRANCISCO.—Until Feb. 16, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for general con-

struction of the yard work at the Sheridan School, Capitol Ave. bet. Lohos and Farallones St. Est. cost, \$2,300.

Plans obtainable from the office of City Architect Chas. H. Sawyer, Rm. 265, City Hall, upon deposit of \$5.

Contract Awarded

SCHOOL Cont. Pr., \$97,688
TULARE, Tulare Co., Cal. Cherry Avenue School.

One-story reinforced concrete grammar school building to contain nine classrooms and cafeteria.

Owner—Tulare Grammar School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Contractor—Trewhitt-Shields and Fisher, Pacific Southwest Bldg., Fresno.

Contract was awarded Trewhitt-Shields & Fisher for work complete.

Separate bids were received for (a) general construction, (b) plumbing and heating, and (c) electric work.

Complete bids follow:

General Work	
Trewhitt-Shields & Fisher, Fresno	\$97,688
R. Pedersen, Fresno	102,184
F. C. Stolte Co., Alameda	106,600
Harris Constr. Co., Fresno	106,997
Lindgren & Swinerton, Sacto.	110,000
N. J. Sjoberg & Son, Oakland	113,772
Plumbing and Heating	
E. A. Newman Co., Fresno	9,595
Edwin Magnuson, Kingsburg	9,837
Frank Hudson, Fresno	11,700
Victor J. Cox Co., Fresno	10,564
Scott Co., Inc., S. F.	10,217
R. E. Rounsaville, Tulare	11,485
Traverse & Riddell, Inc.	10,763
Electrical Work	
Collins Elec. Co., Stockton	6,317
Allen Ochs, Berkeley	6,330
Amer. Elec. Co., S. F.	6,472
Elec. Constr. Co., Fresno	6,540
Robinson Elec., Fresno	7,372
Tulare Elec. Co., Tulare	8,391
Lynn & Heffernan, S. F.	9,970

BIDS WANTED

DAVIS, Yolo Co., Calif.—Until Feb. 25, 11 A. M., bids will be received by the Regents of the University of California at Berkeley, for supplying and installing auxiliary heating plant equipment in the heating plant at the University Farm, Davis.

Plans and specifications may be obtained at the Comptroller's office, University Farm, Davis, or Cashier's office, California Hall, University of California, Berkeley, upon deposit of \$10.00.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 21, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for partial construction of two-story Class A classroom and auditorium building at the Loreto St. school, 3403 Arroyo Seco Ave. Est. cost, \$68,654. Alfred W. Rea and Chas. E. Garstang, architects, 215 W 6th St.; H. C. Whittlesey, structural engineer; Harold A. Stockly, mechanical engineer; Henry M. Galley, electrical engineer. 15

LOW BIDDER

LOS ANGELES, Cal.—H. B. Nicholson, 435 Chamber of Commerce Bldg., submitted low general contract bid to Los Angeles Board of Education at \$61,400 for construction of a new classroom building at the Carpenter Ave. school, 3909 Carpenter Ave., North Hollywood. W. E. Erkes, architect, 1214 Riverside-Strong Bldg.; C. J. Derrick, 816 W 5th St., structural engineer; Robt. Storms, 816 W 5th St., mechanical engineer. 15

CONTRACT AWARDED

VENTURA COUNTY, Cal.—George MacLeod, 1539 San Nicholas, Ventura, awarded contract by the Montalvo School District, subject to P W A approval, for construction of a new school building in Ventura county. Award was made on Mr. MacLeod's base bid of \$40,896 with a deduction for omission of the auditorium, construction of which will be deferred pending the outcome of a \$15,000 bond election called for February 23. Harold E. Burket, architect, 468 E. Main St., Ventura.

BIDS WANTED

PHOENIX, Ariz.—Until Feb. 21, bids will be received by Maricopa County School District for five classrooms and a cafeteria to be added to the Roosevelt school, near Phoenix; est. cost, \$35,000. Orville A. Bell, architect, 321 Heard Bldg., Phoenix. 15

Sub Contracts Awarded

HIGH SCHOOL Cont. Pr. \$139,000
WOODLAKE, Tulare Co., Calif.
 One-story frame high school bldg., containing five classrooms, music room, bookkeeping room, typing room, library, study hall, sewing room, cooking room, chemistry and physics room, science classroom, Dean of Women's room, girls' room, teachers' room, principal's office, general office, lavatories and an auditorium to seat 372, with a stage. Building contains approximately 520,000 cubic feet; concrete foundations, stucco exterior, wood roof trusses.

Owner—Woodlake Union High School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Contractor—Trewhitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

Plumbing and Heating—Scott Co., 243 Minna St., San Francisco.

Electric Wiring—American Electric Construction Co., 462 Bryant St., San Francisco.

Tile Work—Premier Tile & Marble, 1321 Huntington Drive, South Pasadena.

Iron Grille Work, Reinf. Steel, Struc. Steel—Kyle & Co., 346 G St., Fresno.

Lumber—Spalding Lumber Co., Visalia.

Mill Work—Fresno Planing Mill, H & Monterey Sts., Fresno.

Lathing and Plastering—M. J. King, 231 Franklin St., San Francisco.

Concrete—W. S. Lister, 3105 Ventura, Fresno.

Metal Partitions—Price Bldg. Specialties, 35 Stillman Street, San Francisco.

Rock & Sand—Merle Soules, P.O. Box 476, Tulare.

Blackboard—Rucker-Fuller Co., 339 Market St., San Francisco.

Plans Being Figured—Bids Close
 Feb. 23, 10 A. M.

SCHOOL Est. Cost, \$100,000
BURLINGAME, San Mateo Co., Cal. Cor. Bayswater Ave. and Park Road.

Two-story steel frame and reinforced concrete St. Catherine's School (8 classrooms, large auditorium), modified Gothic architecture.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Structural Engineer—L. H. Nishkian, 325 Market St., San Francisco.

Plans are being figured by a selected list of contractors.

Sub Contracts Awarded
SCHOOL BLDGS. Cont. Pr., \$69,400
SANTA CLARA, Santa Clara Co., Cal. Santa Clara High School.
 Gymnasium (127x140 ft.) to seat from 750 to 900; ahop, garage, equipment, etc.
 Owner—Santa Clara High Sch. District (S. J. Brainerd, Principal).
 Architect—H. H. Weeks, 593 Market St., San Francisco.
 Contractor—Nielsen & Erbenbraut, 82 Hollywood Ave., San Jose.
 Roofing—Crowley Roofing Co., 108 California Dr., Burlingame.
 Plumbing, Heating and Sheet Metal—Wm. F. Serpa, 497 N. 13th St., San Jose.
 Electric Wiring—Norman A. Rusel, 822 College Ave., Santa Rosa.
 Tile Work—The Hlgeny Tile Co., 3012 Harrison St., Oakland.
 Glass—Habenicht & Rowlett, 529 Clay St., San Francisco.
 Hardwood Floors—Best Floor Co., 1819 Park St., San Jose.
 Brick and Stone Work—S. F. Prouty, 917 Michigan Ave., San Jose.
 Grading, Foundations and Concrete—J. C. Bateman, Rt. 4, Box 55, San Jose.
 Lumber—S. J. Chase Lumber Co., 547 W. Santa Clara, San Jose.
 Mill Work—Pacific Mfg. Co., Santa Clara.
 Hardware—San Jose Hardware Co., 62 W. San Fernando, San Jose.
 Painting—Geo. H. Smith, 103 Edling Ave., Los Gatos.
 Lathing and Plastering—Samuel Caccamo, 420 Race St., San Jose.

Bids Wanted—To Close February 21, 7 P. M.
SCHOOL BLDG. Est. Cost, \$185,000
CAMPBELL, Santa Clara Co., Calif. Second unit of addition to Campbell High School to consist of auditorium bldg., shop bldg. and administration bldg., fencing, paving and construction of six tennis courts.
 Owner—Campbell Union High School District.
 Architect—H. H. Weeks, 593 Market St., San Francisco.
 Plans and specifications may be obtained from the architect's office upon deposit of \$50.00.

Bids will be opened at the school February 21, 8 P. M.
 Following have taken out plans:
 Carl N. Swenson Co., 355 Stockton Ave., San Jose.
 N. H. Sjoberg & Son, 5604 East 16th St., Oakland.
 Geo. J. Maurer, 50 York Dr., Piedmont.
 Nielsen & Erbenbraut, 2015 Market St., San Jose.
 W. K. Van Bokkelen Const. Co., 439 34th St., Oakland.
 F. C. Stolte Co., 203 Pine Street, Pacific Grove.
 Central California Const. Co., Inc., 115 Burrows St., San Francisco.
 F. C. Amorosa & Son, Keith and Wallace Ave., San Francisco.
 G. M. Latta, 157 Rhodes Court, San Jose.
 B. A. Howkins & Co., 1182 Market St., San Francisco.

BIDS OPENED
SAN FRANCISCO—Bureau of Building Repairs, at \$3,614.57, submitted low bid to the Department of Public Works, City Hall, for construction of a lunch room at Sherman School, Union St., between Franklin and Gough Sts.
 Complete bids follow:
 Bureau of Bldg. Repairs.....\$3,614.57
 Empire Constr. Co., Ltd.....3,643.00
 Frank J. Reilly Co.....3,674.00
 De Luca & Son, Inc.....3,747.00
 M. E. Vukicevich.....3,847.00
 H. L. Peterson Constr. Co.....4,480.00
 Peter Sartorio.....4,688.00
 W. C. Tait.....5,187.00

NO BIDS RECEIVED—BIDS WANTED
SAN FRANCISCO—No bids were received Feb. 9 by the Dept. of Public Works, City Hall, and informal bids being called again until Feb. 16, 1:45 p.m., for laying mastplume in kitchen off of teachers' lunch room (5 x 12 feet) at Sunnyside School, Hearst Ave., bet. Foerster and Edna Streets.
 Specifications may be obtained from Superintendent of Buildings R. A. Chisholm, 484 11th St.

Contract Awarded
GYMNASIUM Cont. Pr., \$49,850
ELK GROVE, Sacramento Co., Cal. One-story frame and stucco gymnasium building at the high school.
 Owner—Elk Grove Union High Sch. District.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Contractor—Azevedo Constr. Co., 920 O St., Sacramento.
 Complete bids published Feb. 2.

Bids Opened
DAVIS, Yolo Co., Cal.—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento, at \$21,645, submitted low general bid to the Regents of the University of California, Berkeley, for construction of garage unit No. 3 (temporary mathematics - physics building), at the University Farm, Davis, Cal.

Separate bids were received for (1) general construction, (2) heating and plumbing, and (3) electrical work.

Complete bids follow:
General Work
 Lawrence Const. Co., Sacto.....\$21,645.00
 W. K. Van Bokkelen Constr., Oakland.....21,940.00
 Empire Constr. Co., Ltd., San Francisco.....23,390.00
 De Luca & Son, Inc., S. F.....23,648.00
 Campbell Constr. Co., Sacto.....23,928.00
 Lindgren & Swinerton, Inc., Sacramento.....24,247.00
 Dinwiddie Constr. Co., S. F.....24,350.00
 Holdener Constr. Co., Sacto.....24,470.00
 W. C. Tait, S. F.....24,975.00
 B. A. Howkins Co., S. F.....25,291.00
Heating and Plumbing
 M. R. Carpenter, 907 Front St., Sacramento.....4,723.00
 Hateley & Hateley, Sacto.....5,181.00
 The Scott Co., Oakland.....6,464.00
 Luppen & Hawley, Inc., Sacramento.....6,521.00
 Anderson & Ringrose, S. F.....6,524.00
 Michaelson & Son.....6,810.00

Electric Wiring
 Edward J. Lynch Elec. Co., 2080 Sutter St., S. F.....1,656.00
 Scott-Buttner Elec. Co., Oakland.....1,738.00
 Kerr & Clifford, Oakland.....1,788.71
 Frank R. Merwin, Sacto.....1,791.00
 Collins Elec. Co., Stockton.....1,922.08
 Reliable Elec. Works, Sacto.....1,963.00
 Luppen & Hawley, Sacto.....2,264.00

BIDS OPENED
SAN FRANCISCO—Anderson & Ringrose, 320 Market St., at \$93,842, submitted low general bid to the Dept. of Public Works, City Hall, for construction of the Boy's Gym Bldg., Lowell High School, S'W Masonic and Grove Sts.

Separate bids were received for (1) general work, with an alternate bid (a) excavation, per cu. yd., add or ded.; (2) mechanical equipment and plumbing work, and (3) electrical work.

Complete bids follow:
General Work
 Anderson & Ringrose—\$93,542; add \$5.00, ded. \$0.30.
 Leo Epp—\$93,877; \$150, \$0.50.
 De Luca & Son, Inc.—\$94,100; \$10, \$1.00.
 B. A. Howkins Co.—\$94,875; \$4.00,

\$125.
 K. E. Parker Co.—\$95,330; \$2.00, \$0.30.
 Monson Bros.—\$95,771; \$2.00, \$1.00.
 Grant-Martinielli Constr. Co.—\$97,290; \$4.00, \$1.00.
 Central Calif. Constr. Co.—\$97,363; \$2.50, \$1.00.
 Meyer Bros.—\$97,749; \$2.00, \$0.60.
 Peter Sartorio—\$99,920; \$2.00, \$1.50.
 F. C. Amoroso & Son—\$97,999.99; \$3.00, \$1.50.
 MacDonald & Kahn Co., Ltd.—\$106,801; \$5.00, \$1.00.
Mechanical Equipment and Plumbing
 Aita Electric & Mechanical Co., Inc., 467 O'Farrell St.—\$17,920.
 Anderson & Rowe—\$18,432.
 Skelly & Kohler—\$19,000.
 O'Mara & Stewart, Ltd.—\$19,117.
 Geo. Rehn—\$19,444.
 Cory & Joslin, Inc.—\$19,550.
 James A. Nelson, Inc.—\$19,688.
 Scott Co., Inc.—\$19,702.
 Herman Lawson Co.—\$20,277.
 James H. Pinkerton Co.—\$20,948.
Electrical Work
 Central Electric Co., 179 Minna St., San Francisco—\$4,708.
 Edw. J. Lynch Electric Co.—\$4,724.
 B. J. Doherty Co.—\$4,726.
 United Electric Constr. Co.—\$4,847.
 G. H. Armstrong—\$4,975.
 Frank G. Lynn—\$5,064.
 H. S. Tittle Co., Inc.—\$5,130.
 Aita Elec. & Mech. Co., Inc.—\$5,152.
 Enterprise Electric Works—\$5,190.
 R. Flatland—\$5,237.
 Abbott Electric Co.—\$5,290.
 Lee Electric Co.—\$5,348.
 Spencer Electric Co.—\$5,390.
 Manton Electric Equip. Co.—\$5,445.
 Fred Johnson Electric Co.—\$5,448.
 Strom & Smith—\$5,500.
 All of San Francisco.

10—BANKS, STORES AND OFFICES

Preparing Plans
BANK BUILDING Est. Cost, \$35,000
CARMEL, Monterey Co., Cal. One-story and basement reinforced concrete bank building.
 Owner—Bank of Carmel.
 Architect—C. J. Ryland, Carmel and Monterey.

Bids Opened
MEDICAL BLDG.
PETALUMA, Sonoma Co., Cal. Construction of entire structure and 50% of interior work for a one-story frame medical building.
 Owner—C. C. Boyson, c/o Architect
 Architect—George H. Wismeyer, 605 Market St., San Francisco.
 Low Bidder—Maurice H. Fredericks, 525 7th St., Petaluma—\$15,665.

Complete bids follow:
 Maurice H. Fredericks, Petaluma.....\$15,665
 John H. Frahm, Petaluma.....17,217
 Vogensen Constr. Co., Petaluma.....17,353
 J. Harold Johnson, S. F.....19,178
 Cornelius Meyer-Cornell, Petaluma.....19,383
 D. W. Nicholson, Oakland.....19,490
 Leibert & Trob, San Rafael.....21,192
 Bid submitted by Moors & Roberts, San Francisco, was not considered as heating work was not included in same.

Bids Opened
OFFICE BLDG.
SACRAMENTO, Calif. C Street New Office Building.
 Owner—California Almond Growers' Exchange (M. E. Ayars, Pres.).
 Architect—George Sellon, California State Life Bldg., Sacramento.
 Low Bidder—H. W. Robertson, 3004 F St., Sacramento—\$68,777.
 Complete bids follow:
 H. W. Robertson, Sacto.....\$68,777

Campbell Constr. Co., Sacto..... 73,298
 Holdener Const. Co., Sacto..... 76,928
 Lindgren & Swinerton, Inc.,
 Sacramento 77,300
 C. J. Hopkinson, Sacto..... 78,388

Preparing Plans
ALTERATIONS Cost, \$.....
 SAN RAFAEL, Marin County, Cal.
 Fourth Street.
 Alterations to store and office bldg.
 Owner—Jacob Albert.
 Architect—C. F. Gromme, Freitas
 Bldg., San Rafael.

Steel Contracts Awarded
ADDITION Est. Cost, \$80,000
 SAN JOSE, Santa Clara Co., Calif.
 Market and Santa Clara Sts.
 Addition of third story (100x200 ft.)
 to present two-story bldg., to be
 of steel and metal studs or steel
 and concrete construction; two
 new elevators.
 Owner—L. Hart & Sons, Prem.
 Architect—Edward W. Kress, 516 1st
 National Bank Bldg., San Jose.
Structural Steel—R. Hellwig's Iron
Works, 407 Vine St., San Jose—
\$25,890.

Stud Walls, Joists and Trusses—
Truscon Steel Co., 604 Mission
St., San Francisco—\$6,702.
 Segregated bids will be taken
 shortly for elevators and heating
 and ventilating.

Plans Being Figured
OFFICE BLDG.
 SACRAMENTO, Calif. C Street.
 New office building.
 Owner—California Almond Growers'
 Exchange (M. B. Ayars, Pres.),
 Architect—George Sellon, California
 State Life Bldg., Sacramento.

Following contractors are figuring
 plans:
 H. W. Robertson, 3004 F St., Sacto.
 Campbell Constr. Co., 800 R St.,
 Sacramento.
 Lindgren & Swinerton, Inc., 619 H
 St., Sacramento.
 Holdener Constr. Co., 2603 R St.,
 Sacramento.

Additional Sub Contracts Awarded
STORE BLDG. Cont. Pr., \$43,070
 REDWOOD CITY, San Mateo Co.
 Store building (57 x 135 feet).
 Owner—Henry A. Beeger, 83 Duane,
 Redwood City.

Architect—Lazer L. Nausbaum, No. 9
 Geary St., San Francisco.
 Contractor—G. W. Williams Co., 10
 California Dr., Burlingame.
Mill Work—Anderson Bros. Planing
Mill & Mfg. Co., Quint and Custer
Sts., San Francisco.
Roofing—Malott & Peterson, 2412
Harrison St., San Francisco.
Plumbing—Brand Plumbing Co., 4109
Piedmont Ave., Oakland.
Electric Wiring—Medley Electric
Co., 1163 Broadway, Burlingame.
 As previously reported, Anderson
 Bros. Planing Mill & Mfg. Co., Quint
 and Custer Sts., San Francisco, were
 awarded mill work.

BIDS WANTED
 SAN FERNANDO, Los Angeles Co.
 Cal.—Until February 24, 2 P. M., bids
 will be received by D. P. Nicklin,
 Purchasing Agent of the Los Angeles
 Water & Power Department, 205
 S. Broadway, Los Angeles, for a com-
 mercial office building to be built in
 San Fernando; Spec. 2502. Certified
 check or bond for 10% required with
 each bid. Bidding data obtainable
 from Mr. Nicklin upon deposit of
 \$10. Bids will be taken as follows:
 (B) excavation and backfill;
 (C) concrete and sidewalk;
 (D) carpentry and finishing;
 (E) lathing, plastering and guniting;
 (F) floor covering;
 (G) chain link fence;
 (H) roofing, sheet metal and miscel-

laneous iron and steel;
 (I) glass and glazing;
 (J) steel sash and screens;
 (K) painting and finishing;
 (L) hardware;
 (M) electric work;
 (N) plumbing.
 Lump sum bid for items "B" to "N"
 inclusive;
 (O) air conditioning.

Alternative Item: Bidder may quote
 on as many alternatives on air condi-
 tioning as he wishes to offer.
 The building will be a one-story
 and mezzanine, Class C structure,
 with reinforced concrete walls, struc-
 tural steel frame, steel roof trusses,
 comp. roofing, cement and wood
 floors. * 16

Contract Awarded
ALTERATIONS Cost, \$10,000
 SAN FRANCISCO. 898 Market St.
 Alterations to drug store.
 Owner—Owl Drug Co., 657 Mission
 St.
 Architect—Not Given.
 Contractor—Louls C. Dunn, 681 Mar-
 ket St. * 16

COMPLETING PLANS
 LOS ANGELES, Calif.—Architect
 Claud Beelman, 1019 Union Bank
 Bldg., is completing plans for mod-
 ernizing the exterior and interior
 of the Philharmonic Auditorium
 Building, an 8-story, Class A audi-
 torium and office structure at the
 NE corner of 5th and Olive Sts.
 General contract bids will probably
 be taken by Mr. Beelman about Feb.
 15, from a list of contractors already
 selected. * 16

Plans Being Figured — Bids Close
Feb. 17, 2 P. M.
MEDICO-DENTAL BLDG.

Cost, \$.....
 SEBASTOPOL, Sonoma Co., Cal.
 One-story frame medic dental bldg.,
 composition roof, some steel and
 wood sash, gas furnace, linoleum
 floors, etc.
 Owner—Dr. Chester Marsh, c/o Archi-
 tect.
 Architect—Clarence Caulkins, Rosen-
 berg Bldg., Santa Rosa.
 Following have taken out plans:
 Sam Swindler, 912 Petaluma Ave.,
 Sebastopol.
 Harvey H. Chinnoek, Rt. 3, Box
 553, Sebastopol.

BIDS WANTED
 SAN PEDRO, Los Angeles Co. Cal.
 Until February 25, 3 P. M., bids will
 be received by S. H. Kress and Co.,
 114 Fifth Ave., New York City, for a
 2-story and basement, Class A
 steel and concrete department store
 building (100x75-ft.), to be built on
 the NE corner of 7th St. and Pacific
 Ave., San Pedro, for the com-
 pany. Plans by Architect Edw. F.
 Sibbert, 114 Fifth Ave., New York
 City. * 16

17— THEATRES

Excavation Contract Awarded
THEATRE Cost, \$.....
 SAN FRANCISCO. Geary Street east
 of Arguello Blvd.
 Contract awarded for excavation of
 17,000 cubic yards and retaining
 walls for theatre.
 Owner—S. H. Levin, 25 Taylor St.
 Architect—Not Given.
 Contractor—Empire Const. Co., Ltd.,
 Russ Building.

Contract Awarded
THEATRE Cost, \$.....
 SAN RAFAEL, Marin Co., Cal. 618
 Fourth St.
 Rebuild Orpheus Theater recently
 destroyed by fire.

Owner—Blumenthal Theaters, 25 Tay-
 lor St., San Francisco.
 Architect—Not Given.
 Contractor — A. J. Hopper, 1769
 Pleasant Valley Ave., Oakland.

Low Bidder
THEATER AND STORE Cost, \$.....
 SACRAMENTO, Sacramento Co., Cal.
 Theater and store building.
 Owner — Tower Theater & Realty
 Corp., 25 Taylor St., San Fran-
 cisco.

Architect—Robt. C. Younger, 25 Tay-
 lor Street, San Francisco.

Low Bidder—Wm. C. Keating, 1121
24th St., Sacramento.

PREPARING WORKING
DRAWINGS
 SELMA, Fresno Co., Cal.—Arch.
 S. Charles Lee, 1648 Wilshire Blvd.,
 Los Angeles, is preparing working
 drawings for altering the Woodward
 Bldg. at 1944 High St., Selma, into
 a modern theater building with a
 seating capacity of 400 persons, for
 Mrs. Helen Seiter of the Seelee The-
 ater Co. of San Francisco; air con-
 ditioning, sound equipment; estimat-
 ed cost, \$20,000. * 17

18— WHARVES & DOCKS

BIDS OPENED
 SAN FRANCISCO—Schrader Iron
 Works, Inc., 1247 Harrison Street, at
 \$1,194 submitted low bid to the Board
 of State Harbor Commissioners, Rm.
 18, Ferry Bldg., for repairing dam-
 aged steel work on the Car Ferry
 Apron at Pier No. 43.

Complete bids follow:
 Schrader Iron Works, S. F.....\$1,194
 Herrick Iron Works, Oakland..... 1,274
 Star Ornamental Iron Works,
 San Francisco 2,261

Planned
RAILROAD TERMINAL Cost, \$.....
 YERBA BUENA SHOALS. Site of
 the 1939 World's Fair.
 Railroad freight terminal, heavy duty
 diesel engine, freight yard, dock
 and warehouse (450x150-ft.) pro-
 viding 67,500 sq. ft. for storage;
 8,000 to 9,000 feet of delivery
 tracks will take care of 180
 freight cars.

Owner—San Francisco Bay Exposit-
 tion (L. W. Cutler, Pres.), 555
 Bush St., San Francisco.

Architect—San Francisco Bay Ex-
 position Architectural Commis-
 sion, 555 Bush St., San Francisco.

19—MISC. CONSTRUCTION

BIDS OPENED
 SAN FRANCISCO—Following sub-
 mitted bids to the U. S. Engineer
 Office, Lt.-Col. J. A. Dorst, District
 Engineer, 401 Custom House, San
 Francisco, under Bid No. 868-38-95,
 for sharpening 1000 pieces drill steel
 jacksbits up to 1½-in. diameter:
 Western Machinery Co., San Fran-
 cisco—\$0.12½, net.
 Machinery & Drill Steel Co., Inc.,
 San Francisco—\$0.15, 2% 10 days.
 U. S. Machinery Co., San Fran-
 cisco—\$0.15, 5% 10 days, 2% 30 days.
 Pacific H.E.A. Steel Co., Inc., San
 Francisco—\$0.12 up to 2-inch; \$0.16
 over 2-inch; net. * 19

BIDS WANTED
 OAKLAND, Cal.—Until Feb. 15, 2
 P. M., bids will be received by the
 Oakland City Council, W. W. Chapp-
 pell, City Clerk, City Hall, for fur-
 nishing 450,000 gallons of gasoline
 and 50,000 gallons Ethyl.
 Plans and specifications may be
 obtained from the above office.

COMPLETE BIDS

WASHINGTON, D. C.—Following submitted bids to the U. S. Maritime Commission, Washington, D. C., for the construction of twelve standard single screw, steel cargo vessels:

Bids were taken on:

- (1) Fixed price basis, steam propelled vessels:
 - (a) for one vessel;
 - (b) each for two vessels;
 - (c) each for three vessels;
 - (d) each for four vessels.
- (2) Adjusted price basis, steam propelled vessels:
 - (a) for one vessel;
 - (b) each for two vessels;
 - (c) each for three vessels;
 - (d) each for four vessels.
- (3) Fixed price basis, diesel propelled vessels:
 - (a) for one vessel;
 - (b) each for two vessels;
 - (c) each for three vessels;
 - (d) each for four vessels.
- (4) Adjusted price basis, diesel propelled vessels:
 - (a) for one vessel;
 - (b) each for two vessels;
 - (c) each for three vessels;
 - (d) each for four vessels.

Total bids follow:

The Hess Weld & Ship Barge Corp., Philadelphia, Pa.: (1) (a) \$1,856,675; (b) \$1,836,675; (c) \$1,831,670; (d) \$1,826,676; (2) (a) \$1,902,675; (b) \$1,887,675; (c) \$1,872,675; (d) \$1,857,675. Tampa Shipbuilding & Engng. Co., Tampa, Fla.: (1) (a) \$2,028,972; (b) \$1,861,656; (c) \$1,790,645; (d) \$1,745,527; (2) (a) \$2,231,800; (b) \$2,047,800; (c) \$1,969,700; (d) \$1,923,300; (3) (a) \$2,129,358; (b) \$1,946,126; (c) \$1,864,565; (d) \$1,815,663; (4) (a) \$2,342,400; (b) \$2,140,700; (c) \$2,051,000; (d) \$1,997,200.

Sun Shipbuilding and Dry Dock Co., Chester, Pa.: (1) (a) \$2,447,589; (b) \$2,397,589; (c) \$2,364,258; (d) \$2,347,589.

Newport News Shipbuilding & Dry Dock Co., Newport News, Va.: (1) (a) \$2,500,000; (b) \$2,530,000; (c) \$2,550,000; (d) \$2,500,000; (2) (a) \$2,550,000; (b) \$2,390,000; (c) \$2,315,000; (d) \$2,275,000.

General Engr. & Dry Dock Co., Oakland, Calif.: (1) (a) \$2,880,500; (b) \$2,811,000; (c) \$2,780,000; (d) \$2,767,000; (2) (a) \$2,780,000; (b) \$2,711,000; (c) \$2,680,300; (d) \$2,667,000; (3) (a) \$3,030,000; (b) \$2,946,000; (c) \$2,915,000; (d) \$2,897,300; (4) (a) \$2,930,000; (b) \$2,846,700; (c) \$2,815,000; (d) \$2,797,300.

Bethlehem Shipbuilding Corporation, New York City: (1) (a) \$3,240,000; (b) \$3,003,000; (c) \$2,895,000; (d) \$2,822,000; (2) (a) \$3,090,000; (b) \$2,864,000; (c) \$2,761,000; (d) \$2,692,000; (3) (a) \$3,593,000; (b) \$3,355,000; (c) \$3,250,000; (d) \$3,165,000; (4) (a) \$3,426,000; (b) \$3,199,000; (c) \$3,098,000; (d) \$3,018,000.

Bethlehem Shipbuilding Corporation, San Francisco: (1) (a) \$3,240,000; (b) \$3,003,000; (2) (a) \$3,090,000; (b) \$2,864,000; (3) (a) \$3,593,000; (b) \$3,355,000; (4) (a) \$3,426,000; (b) \$3,199,000.

United Shipyard, Inc., New York City: (1) (a) \$3,400,000; (b) \$3,190,000; (2) (a) \$3,100,000; (b) \$2,900,000.

BIDS OPENED

SAN DIEGO, Cal.—A. C. Rice, 1446 N. Las Palmas St., Los Angeles, at 8:54 a. m. submitted low bid and was recommended for award by the Lt. Comdr. L. N. Moeller, Public Wks. Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8650, for furnishing and installing electrical service lines (underground) at the 11th Naval District Fleet Aviation Facilities), Reeves Field, Terminal Is-

land, Los Angeles Harbor, Calif.

Complete bids follow:

A. C. Rice, 1446 N. Las Palmas St., L. A. \$6,543
E. C. Nickel, L. A. 7,200
Newbery Elec. Corp., L. A. 7,353
Joseph Kerb, L. A. 7,377
O. U. Bauerle, L. A. 7,444
Capitol Elec. Co., San Diego. 7,862
Harry L. Foster, San Diego. 8,170

BIDS WANTED

BELMONT, San Mateo Co., Cal.—Until Feb. 15, 3 p. m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for construction of about 1,260 feet of wire mesh fence on metal posts along both sides of State Highway right-of-way at the Belmont Pump Station, San Mateo Co. Specifications are obtainable from Room 701, 425 Mason St. No deposit required.

CONTRACT AWARDED

SAN DIEGO, Cal.—A. C. Rice, 1446 N. Las Palmas St., Los Angeles, at \$6,543, awarded contract by the Lt. Comdr. L. N. Moeller, Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8650, for furnishing and installing electrical service lines (underground) at the 11th Naval District Fleet Aviation Facilities), Reeves Field, Terminal Island, Los Angeles Harbor, Cal. * 19

BIDS OPENED

SAN FRANCISCO.—Main Engineering Co., 110 Hooper St., at \$56, submitted low bid to the Department of Public Works, City Hall, for altering liner at asphalt plant. Only other bid submitted by the Ocean Shore Iron Works, at \$72, (0507) 1st report Feb. 7, 1938. * 19

20—MISC. SUPPLIES AND MATERIALS**BIDS REJECTED**

COLORADO RIVER PROJECT, Texas.—The Bureau of Reclamation, Washington, D. C., rejected all bids under Spec. No. 1009-D, for furnishing approximately 750,000 barrels of low-heat Portland cement for the Marshall Ford Dam, Colorado River Project, Texas. * 20

BIDS OPENED

CENTRAL VALLEY PROJ., Cal.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1021-D, for furnishing and delivering electric ranges and water heaters for the Government camp at Shasta Dam, Central Valley Project, Calif. Apparatus will be installed by the Government; fob shipping point and/or Redding.

The Electric Corp., San Francisco: (1) \$123.50, wt. 476; (2) \$4761.50, wt. 19,314; combination 1 and 2, \$4,885.01, 2%; fob New Britain, Conn.

Edward Henry Corp., Dover, N. J.: (3) \$107.40, wt. 660; (4) \$448.90, wt. 31,310; combination 3 and 4, \$4,550; 2%; fob Philadelphia.

Thompson and Holmes, Ltd., San Francisco: (1) \$164.96, wt. 504; (2) \$5463.60, wt. 21,054; (3) \$98.21, wt. 740; (4) \$656, wt. 32,017; 2%; fob Milwaukee.

Westix Heater Co., San Francisco: (1) \$151.68, wt. 600; (2) \$6334.47, wt. 26,100; fob San Francisco; (3) \$84.50, wt. 550; (4) \$4640.95, wt. 26,268; fob Redding; 1%.

Thermador Elec. Mfg. Co., Los Angeles: (3) \$106, wt. 470; (4) \$4330.90, wt. 20,260; combination 3 and 4, \$4,400; 2%; fob Los Angeles.

Electric Wholesale Mart, Los Angeles: (2) \$52.73, wt. 507; (1) \$69.28

725.84, wt. 21,000; comb. 1 and 2, \$4,847.92; 2%; fob Toledo, Ohio.

Westinghouse Electric & Mfg. Co., Denver, Colo., (1) \$114, wt. 546; (2) \$4089, wt. 22,272; (4) \$4001.62, wt. 34,240; Alt. 1: (1) \$63.36, wt. 500; Alt. 2: (3) \$87.72, wt. 583; 2%; fob Mansfield, Ohio.

Western Plumbing Supply Co., Ltd. Stockton, (3) \$90, wt. 570; (4) \$4557.12, wt. 27,800; 2%; fob Redding.

Edison General Electric Appliance Co., Inc., Chicago: (1) \$125, wt. 422; (2) \$4062, wt. 15,600; (3) \$84, wt. 943; (4) \$4060, wt. 29,391; Alt. 1: (3) \$87; (4) \$4303; 2%; fob Chicago.

The Thompson-Diggs Co., Sacramento: (1) \$14.40, wt. 500; (2) \$5,594.10, wt. 21,750; comb. 1 and 2, \$5,735.50; 2%; fob Redding. Malleable Iron Range Co., Beaver Dam, Wis.: (1) \$114.50, wt. 600; (2) \$4480.50, wt. 25,665; (4) \$7034.85, wt. 48,985; net; fob Redding.

Woolwine-Norris Corp., Los Angeles: (2) \$5436.63, wt. 19,575; 1%; fob Los Angeles.

Rutenber Elec. Co., Marion, Ind.: (2) \$3877, wt. 14,875; 2%; fob Marion. * 20

BIDS WANTED

EUGENE, Lane Co., Ore.—Until Feb. 18, 7:30 p. m., bids will be received by the South Willamette St. Water Supply District, Willis W. Piper, Secretary, Dunn School, Eugene, for furnishing 7000 feet of 6-inch, 2600 feet of 4-inch, 3700 feet of 2-inch, 700 feet of 1-inch, 2000 feet of 3/4-inch pipe, together with fittings, valves, hydrants, pumps, pressure tanks, etc.

Plans and specifications may be obtained from C. E. Mercer, Engineer, 861 Willamette St., Eugene, Ore. * 20

BID REJECTED

OAKLAND, Cal.—The East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 973, rejected bids for furnishing 775 pieces of 2 1/2-in. inside diameter asbestos cement water pipe.

Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at \$2791.55, submitted only bid. * 20

BIDS WANTED

TACOMA, Wash.—Until Feb. 28, 2 p. m., bids will be received by the Board of Contracts and Awards, 307 City Hall, Tacoma, for furnishing four 115-kv, 3-pole, 60-cycle, gang-operated disconnecting switches and two 115-kv, 600-amp, 500,000-kva interrupting capacity oil circuit breakers.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

PARKER DAM PROJECT.—Until Feb. 18, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1034-D, for furnishing and delivering approximately 24,000 barrels of low-heat Portland cement in bulk for the Parker Dam, Parker Dam Project, California-Arizona; f.o.b. shipping point and/or Farm, Cal.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

FORT MASON, Calif.—Following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-208, for furnishing Douglas Fir lumber, f.o.b. Dock No. 1, Fort Mason, San Francisco, Cal.:

Acme Lumber Co., San Francisco—\$25.00 MBM ft.; 2% 30 days.

Allen & Dettman Lumber Co., San

Francisco—\$23.50; 2% 10 days.
 Christenson Lumber Co, San Francisco—\$21.50; 2% 10th prox.
 Rolando Lumber Co, San Francisco—\$22.00; 2% 30 days.
 Smith Lumber Co, San Francisco—\$18.00; 2% 10 days.
 Loop Lumber Co, San Francisco—\$18.40; 2% 30 days.
 Niedermeyer Martin Lumber Co, Portland, Ore.—\$28.00; 2% 10 days; 1% 20 days.
 Patrick Lumber Co, Portland, at \$15.00, 2% 10 days, submitted a bid on Ponderosa Pine; f.o.b. Medford, Oregon. * 20

BIDS OPENED

MILK RIVER PROJECT, Mont.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1020-D, for furnishing and delivering structural steel and steel castings for the highway bridge over the spillway at the Fresno Dam, Milk River Project, Montana. Materials will be installed by the Government; f.o.b. shipping point and/or Fresno, Mont.

Midland Structural Steel Co, Cicero, Ill.—\$13,869, wt. 298,000; ½%; f.o.b. Cicero.

Milwaukee Bridge Co, Milwaukee, Wis.—\$13,753, wt. 292,000; ½%; f.o.b. Milwaukee.

Jos. T. Ryerson & Sons, Inc., Chicago, Ill.—\$11,812, wt. 306,000; net; f.o.b. Chicago.

John W. Beam, Denver, Colo.—\$15,400, wt. 296,000; ½%; f.o.b. Peotone, Ill.

Clinton Bridge Works, Clinton, Ia.—\$14,990, wt. 299,000; ½%; f.o.b. Clinton.

St. Louis Structural Steel Co, East St. Louis, Ill.—\$13,731, wt. 290,000; net; f.o.b. St. Louis.

Worden-Allen Co, Milwaukee—\$14,590; wt. 298,000; net; f.o.b. Milwaukee.

Minneapolis-Moline Power Implementation Co, Minneapolis, Minn.—\$15,668, wt. 288,700; net; f.o.b. Minneapolis.

Stupp Bros. Bridge & Iron Co, St. Louis, Mo.—\$13,736, wt. 285,000; net; f.o.b. St. Louis.

The Missouri Valley Bridge & Iron Co, Leavenworth, Kan.—\$13,200, wt. 306,200; ½%; f.o.b. Leavenworth.

Berkeley Steel Construction Co, Inc., Berkeley, Cal.—\$15,640, wt. 294,000; ½%; f.o.b. Berkeley.

Illinois Steel Bridge Co, Jacksonville, Ill.—\$12,793, wt. 293,460; ½%; f.o.b. Jacksonville.

Hunter Steel Co, Pittsburgh, Pa.—\$14,940, wt. 280,000; net; f.o.b. Neville Island, Pa.

Wisconsin Bridge & Iron Co, Milwaukee, Wis.—\$13,740, wt. 286,000; ½%; f.o.b. Milwaukee.

Bethlehem Steel Co, Chicago, Ill.—\$13,385, wt. 286,000; net; f.o.b. Chicago.

Bethlehem Fabricators, Inc., Bethlehem, Pa.—\$16,400, wt. 306,988; net; f.o.b. Bethlehem.

Duffin Iron Co, Chicago, Ill.—\$13,612, wt. 308,000; net; f.o.b. Chicago.

Mississippi Valley Structural Steel Co, Melrose Park, Ill.—\$13,199, wt. 286,000; net; f.o.b. Melrose Park.

Virginia Bridge Co, Roanoke, Va.—\$12,848, wt. 292,000; net; f.o.b. Memphis, Tenn. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 635,000 pounds of fabricated steel and metal work superstructure for Southern Pacific Co. (San Pedro branch line) railroad bridge over Compton Creek, Circ. Prop. No. 244, opened by U. S. Engineer, Los Angeles, were:

Bethlehem Steel Co., \$0.482 pound, \$30.00 total; delivered to job.

Columbia Steel Co., \$0.413 pound; \$26,225.50 total; fob Gary, Ind.
 Ingals Iron Works Co.: \$0.5175 lb., \$32,861.25 total; fob Birmingham, Alabama.
 Consolidated Steel Corp., \$0.5883 lb., \$37,020.50 total; delivered to job.
 Bethlehem Fabricators, \$0.586 lb., \$37,211 total; fob Bethlehem, Pa.
 St. Louis Structural Steel Co., \$0.5656 lb., \$35,306 total; ¼ of 1% 10 days; fob E. St. Louis, Ill.
 Wisconsin Bridge & Iron Co., \$0.439 lb., \$27,876.50 total; fob Milwaukee. * 20

BIDS OPENED

BERKELEY, Cal.—Following submitted bids to the Berkeley City Council, Florence Turner, City Clk., City Hall, for furnishing welded steel pipe as follows: (1) 2000 l.f. 8-in.; (2) 2000 l.f. 10-in.; (3) 1000 l.f. 12-in. and (4) 1000 l.f. 16-in.

Total bids follow:
 Berkeley Steel Constr. Co., Inc., Berkeley—(1) \$0.74 per l.f.; (2) \$0.81 per l.f.; (3) \$1.03 per l.f.; (4) \$1.24 per l.f.; disc. 3%.

Montage Pipe & Steel Co, San Francisco—(1) \$0.64; (2) \$0.755; (3) \$0.92; (4) \$1.21.

Western Pipe & Steel Co of Cal., San Francisco—(1) \$0.81; (2) \$0.96; (3) \$1.14; (4) \$1.42.

California Corrugated Culvert Co, Berkeley—(1) \$1.460 total; (2) \$1600; (3) \$1030; (4) \$1300.

The Steel Tank & Pipe Co of Cal., Berkeley—(1) \$1586; (2) \$1854; (3) \$1123; (4) \$1390. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-38-187, for furnishing and delivering miscellaneous castings, etc.; fob Rio Vista.

- Bids were taken on:
- (1) 3 dredge pump casings;
 - (2) 3 dredge pump impellers;
 - (3) 8 dredge pump casing wear rings
 - (4) 4 dredge pump bushings;
 - (5) 4 dredge pump outer wearing rings;
 - (6) cutterhead bearings:
 - (a) 3 lower bushings;
 - (b) 3 upper bushings;
 - (7) 1 flexible coupling.

Total bids follow:
 Stockton Iron Works, Stockton: (1) \$627; (2) \$570; (3) \$782.50; (4) \$294; (5) \$449.64.

Union Machine Co, San Francisco: (1) \$6240; (2) \$3960; (3) \$744; (4) \$336; (5) \$212; (6) (a) \$252; (b) \$297.

Bethlehem Shipbuilding Corp., San Francisco: (1) \$7062; (2) \$4740; (3) \$944; (4) \$368; (5) \$248; (6) (a) \$279; (b) \$306; (7) \$270.

Golden State Miners Iron Works, San Francisco: (1) \$7038; (2) \$4845; (3) \$1301.60; (4) \$330; (5) \$218; (6) \$648; (7) \$215.

General Engr. & Dry Dock Co., San Francisco: (1) \$7926; (2) \$1403; (4) \$355; (5) \$250; (6) \$390; (7) \$273.

Hardy Tynes Mfg. Co, Birmingham, Ala.: (1) \$8850; (2) \$6300; (3) \$1600.

Neptune Machine Works, San Francisco: (4) \$352; (5) \$208; (6) \$520; (7) \$234.

Monarch Foundry Works, Sacramento: (4) \$315; (5) \$186; (7) \$170.

Moore Dry Dock Co, Oakland: (1) \$5799; (2) \$4164; (3) \$768; (4) \$304; (5) \$208; (6) (a) \$297; (b) \$358.50; (7) \$250. * 20

BIDS OPENED

ESSEX, San Bernardino Co., Cal.—J. H. Baxter & Co., 333 Montgomery St., San Francisco, at \$7.15 per pole,

f.o.b. Essex, and \$5.35 per pole, f.o.b. Long Beach, submitted low bid to the Department of Commerce, Bureau of Air Commerce, Sixth Airway District, 201 P. O. Bldg., Oakland, for 28 only, 25-ft. treated poles; f.o.b. cars or trucks, Essex, San Bernardino and/or shipping point.
 H. A. Browning, at \$7.75 per pole, f.o.b. San Diego, submitted only other bid. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Cir. Prop. 1105-38-191, for furnishing and delivering Douglas Fir lumber of various sizes; f.o.b. shipping point.

Total bids follow:
 Auburn Lumber Co, Auburn—\$2,771.05; 2% 10 days; f.o.b. Portland, Ore.

Stockton Lumber Co, Inc.—\$2807.59, 2% 20 days; f.o.b. Portland.

Knox Lumber Co—\$2222.30; 2% 10 days; f.o.b. Longview, Wash.

The Diamond Match Co., Chico—\$333.14; net; f.o.b. Springfield, Ore.

Santa Fe Lumber Co, San Francisco—\$2,432.84; 2% 10 days; f.o.b. Kenton, Ore.

Noah Adams Lumber Co, Walnut Grove—\$2,703.16; 2% 10 days.

Cascade Cargo Sales Corp.—\$2,358.53; 2% 10 days; f.o.b. Ostander, Wash., and/or Portland.

Stapleton Lumber—\$2,153.73; 2% 10 days; f.o.b. Springfield.

Thompson Lumber & Piling Co, Portland—\$2,480.94; 2% 10 days; f.o.b. West Port.

Niedermeyer-Martin Lumber Co, Portland—\$2,762.39, 2% 10 days; f.o.b. Mills City.

Sullivan Lumber Co, Portland—\$2,610.21; 2% 10 days; f.o.b. Tillamook.

James L. Hall, San Francisco, submitted a bid on unit prices only. * 20

CONTRACT AWARDED

ALL-AMERICAN CANAL—Bethlehem Steel Co, San Francisco, at \$60,721, awarded contract by the Bureau of Reclamation, Denver, for furnishing steel reinf. bars for structures on the All-American Canal, approximately 2,070,000 lbs. * 20

SAN FRANCISCO CO. PERMITS UNDER \$1000

FLUE, \$60; W 30th Ave. 125 South Lawton; owner, C. T. Lindsay, 1530 24th Ave.; contractor, F. Murphy, 3119 Harrison St.

SIGN, electric, \$1150; 972 Geneva; owner, M. Costell, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER factory, \$60; 726 Howard; owner, Julius Himmelstein, 716 Mission St.; contractor, Lunes Service Co., 2716 Webster St.

ALTER fence, \$200; SE 21st Ave. and Noriega; owner, A. O. Field, 1465 20th Ave.

ALTER restaurant, \$200; 405 Francisco St.; owner, Lucca Restaurant, premises.

ALTER market, \$460; 2038 Mission; owner, R. H. Schubert, Hearst Bldg.; contractor, S. A. Giusti & Co., 200 Green St.

ALTER dwelling, \$175; 1760 Hyde; owner, John P. Kelly, premises; contractor, N. Hallstrom, 34 Fountain St.

ALTER apts., \$500; 57 Osgood Pl.; owner, W. Campbell, Jr., 406 Kohl Bldg.

FLUE, \$30; 1136 Eddy St.; owner, American Red Cross, premises; contractor, Howe Furnace Co., 2222 Bush St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 12.—Bridges | 30.—Rivers and Dams |
| 13.—Dredging Harbor Works, Escava. | 31.—Pipe Lines and Irrigation Proj. |
| 14.—St. Light, Systems | 32.—Sewers & Sewage Equipment |
| 15.—Machinery and Railroads | 33.—Water Works |
| 16.—Fire Alarm Syst. | 34.—Parks & Play |
| 17.—Fire Equipment | 35.—Tunnels |
| 18.—Streets & Highways | |

21 BRIDGES

BIDS WANTED

KLAMATH FALLS, Klamath Co., Ore.—As previously reported, until Feb. 14, 7:30 p.m., bids will be received by the City of Klamath Falls, E. A. Thomas, Engineer, for the construction of three city bridges, as follows:

- (1) Washington Street Bridge: 100 feet long, 30-ft. roadway, 5-ft. sidewalks on each side; concrete substructure and timber superstructure with alternates;
- (2) Esplanade Bridge: 80 ft. long, 30-ft. roadway, with 5-ft. sidewalks on each side; all reinf. concrete;
- (3) Main Street Bridge: 92 ft. long, 26-ft. roadway, with 5-ft. sidewalks; concrete abstructures and timber superstructures with alternates.

Plans and specifications may be obtained from City Police Judge Otto H. Langseth, upon deposit of \$10.00. * 21

CONTRACT AWARDED

MT. VERNON, Skagit Co., Wash.—Sound Building Co., Fort Orchard, at \$23,887 was awarded contract by the Skagit County Engineer, W. A. Costello, for the construction of a pile trestle, pile bridge, road revision and timber trestle on Fir-Conway Bridge 299 over Skagit River. * 21

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Mar. 3, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of an equestrian and pedestrian subway, two bridges, surfacing approaches with Portland Cement concrete, asphalt concrete and bituminous macadam, and grading about 0.2 mi. of roadway on Arroyo Seco parkway, between Arroyo Seco channel and Grand Avenue, Los Angeles Co., Calif.

Work involves:

- (1) 13 sta. clear and grub right of way;
- (2) 1200 M. gals. water;
- (3) 1100 c.y. remove conc.;
- (4) 63,500 c.y. roadway excav., without class;
- (5) 6,600 c.y. struc. excav.;
- (6) 150,000 sta. yds. overhaul;
- (7) 2,300 sq. yds. preparing sub-grade;
- (8) 13 sta. finishing roadway;
- (9) 230 tons broken stone bituminous macadam;
- (10) 12 tons asphaltic emulsion bituminous macadam;
- (11) 300 tons asphaltic concrete;
- (12) 315 c.y. Class A portland cement concrete pavement;

- (13) 700 each, pave. dowels;
- (14) 364,500 lbs. bar reinf. steel;
- (15) 2,300 c.y. class A portland cement conc. strucs.;
- (16) 11,000 lbs. misc. iron and steel;
- (17) 186.5 l.f. steel railing, Arroyo Drive bridge;
- (18) 169 l.f. steel rail, Grand Avenue bridge;
- (19) 450 lbs. sheet copper;
- (20) 620 l.f. 42-in. stand. reinf. conc. pipe;
- (21) 650 l.f. 48-in. standard reinf. conc. pipe;
- (22) 75 l.f. 8-in. CMP;
- (23) 16 l.f. 15-in. CMP;
- (24) 420 l.f. 18-in. CMP;
- (25) 110 l.f. 21-in. CMP;
- (26) 96 l.f. 24-in. CMP;
- (27) 70 l.f. 30-in. CMP;
- (28) 190 l.f. 36-in. CMP;
- (29) 1 each, 48-in. to 36-in. CMP taper;
- (30) 310 l.f. 8-in. perf. metal pipe underdrains;
- (31) 20 c.y. rockfilling material underdrains;
- (32) 170 l.f. 12-in. cast iron pipe;
- (33) 170 l.f. 20-in. cast iron pipe;
- (34) 2 each, spillway assemblies;
- (35) 190 c.y. Class A portland cement concrete curbs, gutters and sidewalks;
- (36) 90 l.f. curb armor;
- (37) 1,300 l.f. chain link fence;
- (38) 2 each, 4-ft. walk gates;
- (39) 520 sq. yds. suspended ceiling;
- (40) 1 lot lighting equip.;
- (41) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

BIDS OPENED

SAN FRANCISCO—J. Philip Murphy, 3901 Mission St., San Francisco, at \$3663, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for the construction of a pedestrian overpass at junction of low viaduct and on-ramp, Golden Gate Bridge, Marina approach.

Total bids follow:

J. Philip Murphy, 3901 Mission St., S. F.	\$3,663.00
Schrader Iron Works, S. F.	3,859.00
Judson Pacific Co., S. F.	4,000.00
Barrett & Hilp, S. F.	4,622.00
Fair Mfg. Co., S. F.	5,100.00

* 21

February 9, 1938.

BIDS WANTED

PLACER CO., Cal.—Until Feb. 23, 10 a.m., bids will be received by the Placer County Board of Supervisors, A. S. Fleming, Clerk, Court House, Auburn, for the construction of a bridge on Road No. 35 over Doty's Ravine about two and one-half mi. north of the City of Lincoln, consisting of a 76-foot steel span on

concrete and steel pile abutment walls, Placer Co., Cal.

Plans and specifications may be obtained from the above office upon deposit of \$100.

Bids opened Feb. 8 were all rejected. Harold A. Best, Lincoln, at \$6867, submitted low bid. * 21

23—CANALS

BIDS WANTED

SUN RIVER PROJECT, Mont.—As previously reported, until February 25, 10 A. M., bids will be received by the Bureau of Reclamation, Fairfield, Montana, under Spec. No. 773, for the construction of earthwork and structures, Mill Coulee laterals 26 to 31, Sun River Slope laterals 71 to 98, and sublaterals, Greenfields and Sun River Slope divisions, Sun River Project, Montana.

The work involves:

- (1) 109,000 c.y. excavation, all classes, for laterals;
- (2) 12,000 sta. cy. of overhaul;
- (3) 4825 c.y. excavation, all classes, for structures;
- (4) 5500 c.y. backfill about struc.;
- (5) 1455 c.y. concrete;
- (6) 1215 c.y. grouted paving;
- (7) 200 sq. yds. of dry-rock paving;
- (8) placing 110,800 lbs. of reinforcement bars;
- (9) erecting 5 MFMB timber in the structures;
- (10) laying 2136 lf. 15- to 30-inch diameter concrete pipe;
- (11) laying 354 lf. 15- to 30-in. dia. corrugated metal pipe;
- (12) installing 28,000 lbs. of gates and miscellaneous metalwork.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SHOSHONE PROJ., Wyo.—Until March 2, 10 A. M., bids will be received by the Bureau of Reclamation, Cody, Wyo., under Spec. No. 772 for the construction of earthwork, tunnel and canal lining, Heart Mtn. Canal, station 15 plus 90.7 to station 27 plus 00, Heart Mtn. division, Shoshone Project, Wyo.

Work involves:

- (1) 7950 c.y. all classes of excavation for canal;
- (2) 60 c.y. compacted embankment;
- (3) 155 c.y. all classes of excavation for outlet transition and drain;
- (4) 4720 c.y. excavation in tunnel;
- (5) 970 sq. yds. preparing foundations for concrete lining;
- (6) 80 c.y. backfill;
- (7) 1030 c.y. concrete in tunnel;
- (8) 85 c.y. concrete in portal structures and transitions;
- (9) 108 c.y. concrete in canal lining
- (10) 600 cu. ft. pressure grouting;
- (11) placing 19,000 lbs. reinf. bars;
- (12) furnishing and installing 51,500 lbs. of permanent steel tunnel supports;
- (13) furnishing and erecting 34 M ft. BM permanent timbering in tunnel;
- (14) Furnishing and installing 17,000 lbs. of steel tunnel-liner plates;
- (15) drilling 300 lf. of grout holes;
- (16) constructing 1120 lf. of 6-inch diam. sewer-pipe drains.

Plans and specifications may be obtained from the above office. * 23

BIDS WANTED

SUN RIVER PROJECT, Mont.—Until March 1, 10 A. M., bids will be received by the Bureau of Reclamation, Fairfield, Mont., under Spec. No.

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : Calif 100

778, for the construction of the enlargement of the Sun River Slope, station 535 to station 1153 plus 24, Sun River Slope division, Sun River Project, Mont.

- Work involves:
 (1) 500,000 c.y. excavation for canal enlargement;
 (2) 10,000 sta. c.y. overhaul;
 (3) 5000 c.y. backfill;
 (4) removing 250 c.y. of concrete in culverts.
 Plans and specifications may be obtained from the above office. 23

25—MACHINERY AND EQUIPMENT

February 10, 1938

BIDS OPENED
LOS ANGELES, Calif.—Bids for furnishing five horizontal centrifugal pumping units each with a capacity of 4000 gpm against a total head of 200 ft. Spec. 270, opened by the Metropolitan Water District, were:
 Ingersoll-Rand Co., 11 Broadway, New York City: (1) \$232 each; (2) \$400; (3) \$21; total, \$12,331; shipping wt., 8200 lbs.; fob Phillipsburg, N. J. No discount. Add \$220 for motor test.

United Iron Works, 2833 E 11th St., Los Angeles: (1) \$222.50 each; (2) \$42; (3) \$30; total, \$11,667.50; gross shipping wt., 6500 lbs.; fob trucks, Oakland, No discount.

Fairbanks, Morse & Co., 2401 Santa Fe Ave., Los Angeles: (1) \$2522.15 each; (2) \$330; (3) \$21.70; total, \$12,962.45; shipping wt., 6000 lbs.; fob cars, Los Angeles. No discount. 1/2 sleeve bearing motors desired deduct \$280. If option for witnessed tests not exercised deduct \$330.

Pacific Pump Works, Huntington Park, Cal.: (1) \$2514 each; (2) \$433.75; (3) \$44.50; total, \$13,098.25; shipping wt., 6820 lbs.; fob cars, Los Angeles or bidder's shop; 1% 30 days.

Dayton Valve Co., Quincy, Ill.: (1) \$1962 each; (2) \$270; (3) \$31; total \$10,111; gross shipping wt., 7000 lbs.; fob cars Quincy. Pumps offered are ball-bearing, otherwise meeting spec. De Laval Steam Turbine Co., 124 W 4th St., Los Angeles: (1) \$2675 ea. (2) \$375 (3) \$27; total, \$13,777; gross ship. wt., 6600 lbs.; fob cars Trenton, N. J.; freight allowed to Los Angeles; no discount.

Byrom-Jackson Co., P. O. Box 1307 Arcade Sta., Los Angeles: (1) \$2519 each; (2) \$290; (3) \$74; total, \$12,959; gross shipping wt., 7000 lbs.; fob Los Angeles. No discount. Alternate \$2549 each.

Buffalo Pumps, Inc., Buffalo, N. Y., and Los Angeles: (1) \$2182; (2) \$456; (3) \$30; total, \$11,394; shipping wt., 7000 lbs.; fob cars Tonawanda, N. Y. No discount.

Allis-Chalmers Mfg. Co., Los Angeles: (1) \$2700 each; (2) \$450; (3) \$55; total, \$14,005; shipping wt., 7500 lbs.; fob Milwaukee; no discount.

Victor Equipment Co. (Kimball-Krogh Pump Co.), Los Angeles: (1) \$2307 each; (2) \$246; (3) \$32; total, \$11,813; gross shipping wt., 7250 lbs.; fob Los Angeles; disc. 2% 10 days. 25

BIDS OPENED
LOS ANGELES, Cal.—Bids for the rental of eight dump body trucks for 16,000 truck hours, Circ. Pro. 269, opened by the U. S. Engineer, Los Angeles, were:
 Miller Transportation Co.: 6% 10 days; \$2.65 hour, \$42,400; 7 1/2-yard capacity; \$3533 1/2 yd. hr. price.
 Timeman Bowen Co., Inc.: 1/2 of 1% 10 days; \$2.535 hr.; \$40,566; 6 1/2-yd. capacity. \$39 yd. hr. price.
 S. Edmondson & Sons and Lewis Ayles: 5% 10 days; \$2.20 hr., \$32,320;

7-yd. capacity; \$31.37 yd. hr. price.
 Camilo Bros. Dump Truck Co.: 1% 20 days; \$3.08 hr., \$49,280; 8yd. capacity; \$385 yd. hr. price.
 Sudden Service, Inc.: 1% 10 days; \$2.50 hr., \$40,000; 8-yard capacity; \$309375 yd. hr. price.
 Los Angeles Rock & Gravel Co.: 1% 10 days; \$2.25 hr., \$36,000; 7-yd. capacity; \$327 yd. hr. price.
 Nick Perscalo: 3% 30 days; \$25 hr., \$36,000; 6-yd. capacity.
 Harrison-Nichols Co.: 2% 20 days; \$2.17 hr., \$34,720; 8-yard capacity; \$27125 yd. hr. price. 25

BIDS WANTED
LOS ANGELES and Ventura Cos., Cal.—Until Feb. 14, 2 P. M., bids will be received by State Highway Dept., Los Angeles, for rental of equipment to be used in connection with weed spraying operations in Los Angeles and Ventura counties, involving distributor truck of 2000 gal. minimum capacity and tank trailer of 2500 gal. capacity and booster truck of 2000 gal. capacity with tank trailer of 2500 gal. capacity. To be used for 15 days for hauling and distributing Diesel oil for spraying roadside vegetation over 65 roadside mi. 25

BIDS OPENED
KENDRICK PROJ. Wyo.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1017-D, for furnishing and delivering electrical conductor and accessories for transmission lines for the Kendrick Project, Wyo. Materials will be installed by the Government; fob shipping point and/or Cheyenne, Wyo.
 Total bids follow:
 Maydwell and Hartzell, Inc., San Francisco, Sch. 1, \$14,129.69, wt. 99,687; 1/2 of 1%; fob Cheyenne.
 Nehring Electrical Works, De Kalb Ill., Sch. 1, \$13,559.60, wt. 94,000; 1/2%; fob Cheyenne.
 American Steel & Wire Co., Denver, Sch. 1, \$13,710.10, wt. 96,708; 1/2%; fob Cheyenne.
 Henric & Bulthoff Mfg. & Supply Co., Denver, Sch. 1, \$14,139.48, wt. 92,210; 1%; fob Cheyenne.
 Graybar Electric Co., Inc., Denver, Sch. 1, \$13,469.16, wt. 96,958; 1/2%; fob Cheyenne.
 Anaconda Wire & Cable Co., New York, Sch. 1, \$13,709.48, wt. 92,361; Sch. 2, \$254,460, wt. 2,082,868, and \$252,528, wt. 2,068,769; Sch. 3, \$96,241.22, wt. 788,763, and \$95,509.51, wt. 783,422; Sch. 4, \$77,898.86, wt. 638,935, and \$77,658.09, weight 637,250; 1/2%; fob Cheyenne.
 Phelps-Dodge Copper Prod. Corp., New York, Sch. 1, \$13,708.10, wt. 96,554; Sch. 2, \$265,917, wt. 2,233,340; Sch. 3, \$100,545.05, wt. 845,647; Sch. 4, \$83,512.55, wt. 628,758; 1/2%; fob Cheyenne.
 General Cable Corp., New York: Sch. 1, \$13,469.16, wt. 96,958; Sch. 2, \$297,760, wt. 2,028,572 and \$300,040, wt. 2,026,805; Sch. 3, \$112,577.76, wt. 768,131 and \$113,567.76, wt. 767,591; Sch. 4, \$92,381.23, wt. 597,739 and \$93,631.23, wt. 596,989; 1/2%; fob Cheyenne.
 Aluminum Company of America, Washington, D. C., Sch. 5, \$11,396.84, wt. 76,000; Sch. 6, \$237,804.70, wt. 1,540,000; Sch. 7, \$89,849.42, wt. 584,000; Sch. 8, \$68,750.83, wt. 455,000; net; fob Massena, New York.

The bid of Kennecott Wire & Cable Co., Phillipsdale, R. I., was incomplete. 25

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 18, 10 a.m., bids will be received by Metropolitan Water District, Los Angeles, for 15 welded steel pressure tanks and 15 welded steel sump tanks

for use in connection with pump discharge valve oil pressure sets at Colorado River Aqueduct pumping plants, Spec. 271. Certified or cashier's check for 10% must accompany bid. 25

BIDS OPENED
OWYHEE PROJECT, Oregon-Ida.—Following submitted bids to the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1019-D, for furnishing and delivering three 42-inch electrically operated gate valves for installation in the Owyhee Ditch pumping plant, Owyhee Project, Oregon-Idaho.
 Koppers Co., Western Gas Division, Ft. Wayne, Ind.—\$4367, wt. 41,800; net; f.o.b. Ft. Wayne.
 The Kennedy Valve Mfg. Co., Elmira, N. Y.—\$4958.43, wt. 36,360; net; f.o.b. Elmira.
 The Chapman Valve Mfg. Co., Indian Orchard, Mass.—\$6690, wt. 45,600; 2%; f.o.b. Indian Orchard. 25

CONTRACTS AWARDED
BOULDER CANYON PROJECT.—Westinghouse Elec. & Mfg. Co., Denver, Colo., at \$54,194, and Cutler-Hammer, Inc., Milwaukee, at \$18,182, awarded contracts by the Bureau of Reclamation, Washington, D. C., under Spec. No. 756, for furnishing main and auxiliary control equipment, load and frequency control equipment, battery distribution switchboard and auxiliary power control equipment for the control of generating units A-6 and A-7 in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. 25

BIDS OPENED
SOLANO CO., Cal.—Basalt Rock & Gravel Co., Napa, at \$8.00 per hour, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for the rental of one gasoline or diesel operated shovel equipped with both dragline and clamshell, for use on the American Canyon cut-off between Cordelia and Vallejo, Solano Co., Cal.
 W. E. Karstedt, San Jose, at \$9.00 per hour, submitted only other bid.

BIDS WANTED
SAN BERNARDINO AND RIVERSIDE COS., Cal.—Until Feb. 9, 2 p.m., bids will be received by State Highway Dept., San Bernardino, for RENTAL of one 75-hp. track type, diesel engine tractor and angledozer with tractor driver for use in San Bernardino and Riverside counties.

- The items are:
 (1) transportation to and from Lake Arrowhead (flat rate, round trip);
 (2) operating rental price per hour for tractor, angledozer and driver;
 (3) standby rental rate per hour for same. 25

BIDS OPENED
STOCKTON, San Joaquin Co., Cal.—Valley Tractor and Equipment Co., P. O. Box 1212, Modesto, at \$4.25 per hour, submitted low bid to State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for rental of Caterpillar Diesel RDT, 50-hp. tractor with LeTourneau angledozer for use in District X.
 Complete bids follow: Per hr. Valley Tractor & Equipment Co. P. O. Box 1212, Modesto.....\$4.25
 Moore Equipment Co., Stockton 4.83
 G. R. Patterson, Stockton..... 5.94
 Claude C. Wood, Stockton..... 6.00
 A. B. Hauser, Stockton..... 6.25
 W. E. Karstedt, San Jose..... 6.50
 S. Carrithers, San Mateo..... 6.50
 John Ayers..... 6.50
 Harms Bros., Sacramento..... 6.50

BIDS OPENED

KENDRICK PROJECT, Wyo.—The following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 759 for (1) one vertical shaft, 15,000-h.p., 225-r.p.m. hydraulic turbine; (2) one governor with pumping equipment; (3) one 12,000-kva., 90 per cent power factor, vertical shaft, alternating current generator for installation in the Semine power plant, Kendrick Project, Wyo. Apparatus will be installed by the Government; fob shipping point and/or Parco, Wyo.

Total bids follow:
The Pelton Water Wheel Co., San Francisco, Sch. 1, \$64,854, wt. 187,500, fob San Francisco; Sch. 2, \$11,015, wt. 16,000; fob Rockford, Ill.; net.

Westinghouse Electric & Mfg. Co., Denver, Colo., Sch. 3, \$106,115, wt. 248,000; net; fob East Pittsburgh, Pa.

General Electric Co., Schenectady, N. Y., Sch. 3, \$105,725, wt. 250,000; net; fob Schenectady.

Allis Chalmers Mfg. Co., Milwaukee, Wis., Sch. 1, \$69,850, wt. 195,000; fob West Allis, Wis.; Sch. 3, \$102,585, wt. 465,000; fob Milwaukee; net.
Woodward Governor Co., Rockford, Ill., Sch. 2, \$11,015, wt. 16,000; net; fob Rockford.

S. Morgan Smith Co., York, Pa., Sch. 1, \$67,740, wt. 222,500; fob York; Sch. 2, \$11,015, wt. 16,000; net; fob Rockford, Ill.

Newport News Shipbuilding and Dry Dock Co., Newport News, Va., Sch. 1, \$69,185, wt. 194,000; net; fob Newport News. 25

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 15, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent for line starters, combination starters and reversing starters for intake, Gene, Iron Mt. and Eagle Mt. and Hayfield pumping plants. Cashier's or certified check for 5% must accompany bid. Bid No. 95078. 25

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the Forest Service Regional Office, G. D. Huestis, Assistant Procurement Officer, 1022 Pheasant Bldg., 760 Market Street, San Francisco, for furnishing one deep well vertical turbine water pump, electric motor driven; fob shipping point and/or Mt. Shasta, Calif.

Total bids follow:
Woodin & Little, Inc., San Francisco \$596; 1% 20 days; fob San Jose. San Jose Well & Pump Co., \$645.10; fob San Jose; \$666.70, fob Mount Shasta; net.
Scott Machinery Co., San Francisco; \$687.59; fob Los Angeles; 3% 30 days.

Following submitted identical bids at \$709.84, fob Mt. Shasta; 3% 30 days: Krimball Krogh Pump Co., San Francisco; Simonds Machinery Corp., San Francisco; Layne and Bowler Pump Corp., San Francisco; John Bean Mfg. Co., San Francisco; Johnson Pump Co., San Francisco; Sterling Pump Corp., Stockton; Bryon Jackson Co., San Francisco; Worthington Pump & Machinery Corp., San Francisco; and Fairbanks Morse and Co., San Francisco. 25

BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 23, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-203, for furnishing and operating clamshell dredging plant and doing dredging in Suisun Bay and in the Sacramento and San Joaquin Rivers and tributary channels, California.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for RENTAL of 12 four c.y. batch trucks with drivers; Circ. Prop. 262, opened by U. S. Engr., Los Angeles, were:
Schempt, Barbarick & Myers, 10% 10 da.; \$2.00 hr for 12; \$38,400.

W. L. Morgan, 3% 10 da., \$1.75 hr for 12; \$33,600; \$1.75 hr for 6; \$16,800.

Harry L. Hogan, 4% 10 da., \$1.65 hr for 6; \$15,840.

Geo. J. Book Co., 5% 10 da., \$1.95 hr for 6; \$18,750.

M & P Truck Service, 5% 10 da., \$1.73 hr for 6; \$16,608.

Walter Ryals & Co., 5% 10 da., \$2.40 hr for 6 trucks; \$23,040.

H. B. Arnold, 5% 10 da., \$1.60 hr for 6 trucks; \$15,360.

Lester L. Rice, 2% 10 da., \$1.69 hr for 6 trucks; \$16,224.

James Wright, 2% 10 da., \$1.60 hr for 6 trucks; \$15,360.

Western Trucking Co., 2% 10 da., \$1.75 hr for 12 trucks.

Angelus Trucking Corp. and S. Edmondson & Sons, 10% 10 da., \$1.81 hr for 12 trucks; \$34,752 total.

Frank D. Oneal, 5% 10 da., \$1.95 hr for 12 trucks.

J. F. Pierce, 5% 20 da., \$2.00 hr for 6 trucks; \$19,200.

Nick Percsallo, 2% 20 da., \$2.00 hr for 6 trucks; \$19,200. 25

BIDS WANTED

LOS ANGELES—Until Feb. 11, 3 p.m., bids will be received by the U. S. Engineer, Los Angeles, for replacement parts for Atlas-Imperial, Allis-Chalmers, Buda, Caterpillar, Cummins, Cletrac, Fairbanks-Morse, Hercules, Kohler, LeRoi, Waukesha, Ingersoll-Rand and Schramm engines. Circ. Prop. 281. 25

BIDS WANTED

UNCOMPAHGRE PROJECT, Col.—Until Feb. 23, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1035-D, for furnishing and delivering one clutch-operated, crawler traction-mounted, self revolving, Diesel engine powered, convertible type, dragline excavator for the Uncompahgre Project, Colo., f.o.b. shipping point and/or Austin, Colo.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN BERNARDINO and Riverside Cos., Cal.—Bids were received by State Highway Dept., San Bernardino, for rental of 2 to 4 pneumatic-tired dump trucks (not less than 5-c.y. capacity each) and one 1½-c.y. power shovel for use in San Bernardino and Riverside counties. Bids received on:

- (1) transportation for each truck to and from job locations (flat price round trip);
 - (2) rate per hr. per truck under power loading;
 - (3) rate per hour per truck under hand loading;
 - (4) stand-by rate per hour;
 - (5) transportation of shovel to and from job (flat price, round trip)
 - (6) rate per hour for shovel;
 - (7) stand-by rate per hr. for shovel.
- The bids were:
A. E. Bussey: (1) \$12 (2) \$2.85 (3) \$2.50 (4) no charge (5) \$450 (6) \$3.95 (7) no charge.

H. J. Welle: (1) \$10 (2) \$2.85 (3) \$2.35 (4) \$7.5 (5) \$400 (6) \$3 (7) \$2.

Robt. E. Griffith: (1) \$8 (2) \$2.85 (3) \$2.95 (4) \$1.35 (5) \$440 (6) \$7.50 (7) \$3.

Bert Calvert and S. Edmondson & Son: (1) no charge (2) \$2.50 (3) \$2.25 (4) \$1 (5) no charge; (6) \$6 (7) \$1.90.
Rock & Gravel Trucking Co.: (1)

no charge (2) \$3 (3) \$2.75 (4) \$7.5 (5) \$20. (6) \$10.50 (7) \$1.38.

C. G. Willis & Sons: (1) no charge (2) \$2.85 (3) \$2.35 (4) \$1.35 (5) \$400 (6) \$5 (7) \$1.50.

E. M. Howley (irregular).
A. S. Vinnell (irregular).
Triangle Rock & Gravel Co., (1) no charge; (2) \$2.85 (3) \$2.35 (4) no charge (5) no charge (6) \$5.90 (7) no charge. 25

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contract for rental of 4-c.y. dump trucks with drivers, Circ. Prop. 241, were awarded by U. S. Engineer, Los Angeles, as follows: M. E. Hartman, eight at \$1.75 hour (total, \$24,426), disc. 2½% 10 days; Jack Starckenburg, 8 at \$1.75 hour (total \$27,426), disc. 1% 10 days; Jos. Blasco, 8 at \$2.00 hour (Total \$32,000), disc. 13½% 10 days; A. A. Edmondson, 8 at \$1.76 hour (total \$28,160) disc. 1½% 10 days; Vernon Copeland, 8 at \$1.80 hour (total, \$28,800), disc. 3% 10 days; G. & H. Truck Co., 8 at \$1.94 hour (total \$31,040), disc. 1% 10 days. 25

BIDS WANTED

LOS ANGELES—Until Feb. 11, 3 p.m., bids will be received by the U. S. Engineer, Los Angeles, for the RENTAL of one concrete mixer with capacity of 27 cu. ft. delivered to Los Angeles River for 800 hours. Circ. Prop. 279. Bid bond, 10%, must accompany bid. 25

BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Cal.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 40273, Rec. 10109, for one 10-ft. pneumatic-tired, dual drive motor grader; f.o.b. North Hollywood.

J. D. Tucker & Son—\$393.91, 2% 30 days.
Shepherd Tractor & Equipment Co.—\$323.28, \$5.00 30 days.
Smith Booth Usher Co.—\$3650.20, 2% 30 days.

Brown Bevis Equipment Co.—\$3,200.00, 2% 30 days.
H. Eberts Machinery Co., Ltd.—\$3,844.20, 2% 30 days.

J. D. Adams Co.—\$4000, 2% 30 days.

Crook Co.—\$3463, net.
Spears Wells Machinery Co.—\$3,518, \$100 10 days.

BIDS WANTED

LOS ANGELES, Cal.—Bids for the RENTAL of one 2-yd. convertible shovel without operator for 1000 hrs on Los Angeles River between 23rd St. and Soto St., opened by U. S. Engineer, Los Angeles, Circ. Prop. 266 were:

B. W. Kuhn, disc. 1% 10 days, \$6.11 hr., \$6150 (Northwest Mod. 80).
Oswald Bros., disc. 1% 10 da., \$7.28 hr., \$7250 (Northwest 78).

David H. Ryan, net, \$6.80 hr., \$6800 (Northwest 80).

Pacific Crane & Rigging, disc. 1% 20 days, \$7.00 hr., \$7000 (Link Bel K-55). 25

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until February 14, 10 A. M., bids will be received by the U. S. Treasury Department for rental of trucks as follows:

Bid 5027: two 1½-ton flat rack trucks with dual rear tires and seating arrangements for transportation of workers, fob 2504 M St., Bakers field.

Bid 5028: two trucks, 1½-ton capacity, with not less than 2½-c.y. water level capacity dump bodies for hand loading, fob Kern County

BIDS OPENED

LOS ANGELES, Cal.—Associated Piping & Engrg. Co., 2332 E. 38th St., Los Angeles, at \$19,584.42, submitted low bid to the Metropolitan Water District for furnishing three automatic pressure-regulating valve assemblies, complete with operating mechanisms and all appurtenances, for the Palos Verdes feeder of the Colorado River aqueduct, Spec. 269. The bids were:

Associated Piping & Engrg. Co., Los Angeles—(1) \$19,014; use tax, \$570.42; \$19,584.42. F.o.b. L. A. Gross shipping wt., 40,600 lbs.; dunnage, etc., 4400 lbs.; net wt. for erection, 36,200 lbs.; no disc. (2) \$20 per day. S. Morgan Smith Co., York, Pa.—(1) \$23,500; use tax not stated but will not be collected by the bidder; f.o.b. nearest railroad siding to Los Angeles River station; gross wt., 37,671 lbs.; dunnage, etc., 1311 lbs.; net wt. for erection, \$36,360 lbs.; no disc. (2) \$25 per day.

The Chapman Valve Mfg. Co., Los Angeles—(1) \$24,900; use tax, \$747; total, \$25,647; f.o.b. Los Angeles; gross shipping wt., 39,300 lbs.; dunnage, etc., 1500 lbs.; net wt. for erection, 37,800 lbs.; no disc. (2) \$25 per day. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 11, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for overhaul and repair of Diesel and gasoline engines and air compressing units from date of award to June 30, 1938. Estimated cost, \$8000. Ctrc. Prop. 280. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 14, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for the RENTAL of two crawler type cranes on Los Angeles River between Soto and 23rd Sts. Bid bond 10% must accompany bid. Bids will be received on:

(1) one crane with 70-ft. boom for 300 hrs.;

(2) two same for 600 hrs. * 25

Ctrc. Prop. 283.

BIDS OPENED

SAN FRANCISCO—A. C. Mead, Point Arena, at \$2.90 per hour, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-95, for the rental and operation for 42 truck hours not less than two nor more than four 4-c.y. power dump trucks; f.o.b. Fort Cronkhite, Cal.

Total bids follow:

	Per Hr.
A. C. Mead, Point Arena.....	\$2.90
Brown-Ely Co., Oakland.....	3.00
San Bruno Ave. Feed & Fuel Co. 3.00	
Chas. L. Harnay, San Francisco 3.10	
W. K. Walker, S. F.....	3.15
Chas. W. Beguhl.....	3.45

Bids under advisement. * 25

BIDS OPENED

BUFFALO RAPIDS PROJ., Mont.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1,018-D, for furnishing and delivering two vertical, motor-driven pumping units having a capacity of 110 second-feed each when operating under a head of 103 feet for installation in Glendive pumping plant, Glendive division, Buffalo Rapids Project, Montana. Apparatus will be installed by the Government; fob shipping point and/or Fallon, Montana.

Fairbanks - Morse & Co., Kansas City, Mo., \$54,000; wt. 143,500; net; fob Fallon, Mont.

Bingham Pump Co., Inc., Portland, Ore., \$39,600, wt. 67,000; et; fob Port-

land; Alt on weights for motors of different manufactures: 49,000, 59,000 and 53,000; fob Fallon, Mont.

Worthington Pump & Mch. Corp., Harrison, N. J., \$37,550, wt. 46,000 or 66,000; net; fob Harrison.

Allis-Chalmers Mfg. Co., Milwaukee, Wis., \$64,700, wt. 71,000 or 83,000; net; fob Milwaukee. * 25

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 40594. Req. No. 17410, for one air compressor:

The Rix Co., Inc., San Francisco: \$1305; Alt. \$1433.75.

Leitch & Co., San Francisco: \$1732.50 Alt. \$1325.00.

Sullivan Mch. Co., San Francisco: \$1875.00.

Worthington Pump & Mch. Corp., San Francisco: \$1610.00.

Edward R. Bacon Co., San Francisco: \$1925. Alt. \$1825; 5% 20 days.

Gardner-Denver Co., San Francisco: \$1872.00.

Chicago Pneumatic Tool Co., S. F.: \$1850.00.

Western Mch. Co., San Francisco: \$1943.80. * 25

BIDS OPENED

OAKLAND, Calif.—The National Cash Register Co., 328 12th St., Oakland, at \$2570.00 submitted only bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 974, for furnishing two cash register control machines. * 25

BIDS OPENED

DENVER, Colo.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1023-D, for furnishing and delivering one dragline excavator suitable for handling a 3/4-c.y. medium-weight dragline bucket with a 45-ft. boom, and one 3/4-c.y. dragline bucket, for the Glendive division, Buffalo Rapids Project, Mont.; and one dragline excavator suitable for handling a 1-c.y. medium-weight dragline bucket with a 45-foot or a 3/4-c.y. bucket with a 55-ft. boom and one 1-c.y. dragline bucket and one 3/4-c.y. bucket for the Payette division of the Boise Project, Idaho; for shipping point and/or railroad destination.

Total bids follow:

Hendrie & Bolthoff M. & S. Co., Denver: (1) \$12,043.92, wt. 62,900; net; fob Marion, Ohio.

The Byers Machine Co., Ravenna, Ohio: (1) \$10,222, wt. 51,200; (3) \$450, wt. 2000; Comb. 1 and 3, \$10,672; fob Glendive, Mont.; (2) \$14,377; wt. 75,000; (4) \$1075, wt. 5200; Comb. 2 and 4, \$15,452; fob Plaza Siding, Idaho; 2%.

Bucyrus-Erie Co., South Milwaukee: (1) \$14,035, wt. 60,200; (2) \$14,250, wt. 62,900; (3) \$531, wt. 2000; (4) \$1235, wt. 5000; Comb. 1 and 3, \$14,566; 2 and 4, \$15,485; 3 and 4, \$1801; 2%; Erie, Pa.

Koehring Co., Milwaukee: (1) \$12,316, wt. 58,850; (2) \$14,626, wt. 61,070; (3) \$499, wt. 1950; (4) \$1141, wt. 4750; Comb. 1 and 3, \$12,815; 2 and 4, \$15,767; 1, 2, 3 and 4, \$28,582; net; fob Milwaukee.

Isaacson Iron Works, Seattle: (3) \$469.60, wt. 2200; (4) \$785.60, wt. 5150; 5%; fob Seattle.

Bay City Shovels, Inc., Bay City, Mich.: (1) \$10,500, wt. \$2,000; (2) \$12,150, wt. 63,000; (3) \$400, wt. 1950; (4) \$950, wt. 4800; Comb. 1 and 2, \$22,500; 1, 2, 3 and 4, \$23,800; fob Bay City; (3) \$450, wt. 1900; (4) \$1050, wt. 4850; Comb. 1 and 2, 3 and 4, \$23,950; fob Chicago; 2%.

Erie Steel Const. Co., Erie, Pa. (3) \$365, wt. 2135; (4) \$794, wt. 4900; net; fob Erie.

American Holst & Derrick Co., St. Paul, Minn.: (2) \$13,130, wt. 64,650; fob St. Paul; (3) \$495, wt. 2000; (4) \$1175, wt. 5100; fob Chicago; 2%.

Harnischfeger Corp., Milwaukee: (1) \$11,695, wt. 54,500; (2) \$14,325, wt. 65,600; (3) \$435, wt. 2190; (4) \$985, wt. 4800; net; fob Milwaukee.

Link-Belt Co., Chicago: (1) \$14,240, wt. 68,750; (2) \$14,550, wt. 72,930; (3) \$520, wt. 1850; (4) \$1225, wt. 4750; 4%; fob Chicago. * 25

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Cos., Cal.—Until February 23, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for apply diesel oil to roadside vegetation for about 22.6 roadside miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara counties.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Macco Const. Co., 815 Paramount Building, Clearwater, at \$75,862 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for grading and paving with Portland cement concrete 0.7 mile at Big Sycamore Creek, Ventura Co.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—V. R. Dennis Const. Co., P. O. Box F, Sta. A, San Diego, at \$16,885 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and surfacing with plant - mix surfacing about 0.2 mile on Douglas Street, between Eagle Street and University Avenue, San Diego. * 29

CONTRACT AWARDED

NAPA COUNTY, Calif.—Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$54,363 awarded contract by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco for grading & surfacing with crusher run base and armor coat about 6.2 miles between Oakville and Calistoga, Napa County. * 29

BIDS WANTED

SAN FRANCISCO—Until Feb. 23, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for the construction of sidewalks on the north half of Agua Way between Teresita Blvd. and Chavis Avenue, and other locations, San Francisco.

Work involves: (1) 6000 sq. ft. 2-course concrete sidewalk.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. * 29

PREPARING PLANS

SAN MATEO, Cal.—W. D. Soule, City Engineer, is preparing plans for the widening of San Mateo Drive from Second to Third Avenues, San Mateo. Bids will be called for about March 1, 1938. * 29

BIDS WANTED

SAN FRANCISCO.—Until Feb. 23, 2:30 p. m., bids will be received by the Dept. of Public Works, Room 251, City Hall, under Bid No. 19117, for the construction of concrete sidewalks on all sides of North Beach Playground except on Lombard St., San Francisco. Estimated cost, \$2030.

- Work involves:
- (1) 13,200 sq. ft. of 2-course concrete sidewalk;
 - (2) 35 lin. ft. reset stone curb.
- Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00. * 29

BIDS WANTED

SAN FRANCISCO.—Until Feb. 23, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19116, for resurfacing Minnesota St. between 18th and 19th Sts., including the crossing of Minnesota and 19th Sts. Estimated cost, \$2400.

- Work involves:
- (1) 26,000 sq. ft. 2-inch asphaltic wearing surface;
 - (2) 100 tons asphaltic concrete binder, in place;
 - (3) 800 sq. ft. reset stone block pave.
- Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00. * 29

BIDS WANTED

STATE OF OREGON.—Until Feb. 17, 9 a. m., bids will be received by the Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Ore., for highway and bridge construction, as follows:

Douglas County: Mystic Creek-Brockway Section of Coos Bay-Hoseburg Highway, State Project. Furnish approximately 6,650 cu. yds. crushed gravel in stockpiles.

Grant and Wheeler Counties: Service Creek-Branson Creek Section of John Day Highway, State Project; 27.7 miles light oil treatment.

Harney County: Lake County Line Gap Ranch Section of Central Oregon Highway, Federal Lands Highway Project No. FLH 6-A and Federal Aid Project No. 148-D; 7.61 mi. of oil mat surface treatment.

Hood River and Wasco Counties: Hood River Rock Production Project on Columbia River and Mt. Hood Highways; State Project; furnish approximately 10,100 cu. yds. crushed rock in stockpiles.

Jackson County: Eagle Point-Baker Gulch Section of Little Butte Secondary Highway; Federal Aid Secondary Project No. FAS 239-B; 3.20 miles of oil mat surface treatment.

Jackson County: Gold Hill Rock Production Project on Pacific Highway and States Valley Secondary Highway; State Project; furnish approximately 7,100 cu. yds. crushed gravel in stockpiles.

Lane County: Hill Creek Bridge Section of Pacific Highway; Federal Aid Project No. 161 E; 0.20 mile grading and paving and construction of 75 feet of frame trestle with concrete roadway. Requires approximately 1,800 cu. yds. excavation, 2,400 cu. yds. surfacing materials, 2,500 sq. yds. concrete pavement, 75 cu. yds. class D concrete, 17,000 lbs. metal reinforcement, and 20 MFBM creosoted lumber.

Tillamook County: Mohler-Kilchis River Section of Oregon Coast Highway, State Project. Furnish approximately 8,000 cu. yds. crushed rock or crushed gravel in stock piles. Tillamook County: Lake Lytle Outlet Bridge Section of Oregon Coast Highway, Federal Aid Project No. 129G. Construction of 153

feet of Pile Trestle with concrete roadway. Requires approximately 1,400 lf. creosoted piling, 28 MFBM creosoted lumber, 120 c. y. concrete, and 27,000 lbs. metal reinforcement. Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon deposit of \$5.00. * 29

BIDS WANTED

STATE OF OREGON.—Until Feb. 18, 9 a. m., bids will be received by the Oregon State Highway Commission, Auditorium, 3rd Floor, Public Service Bldg., Portland, Ore., for highway construction, as follows:

Baker County: Baker-Durkee Section of Old Oregon Trail, State Project. Furnish approximately 5,000 cu. yds. crushed rock in stockpiles.

Coos and Curry Counties: Bandon-Port Orford Section of Oregon Coast Highway, State Project. Furnish approximately 9,450 cu. yds. crushed rock in stockpiles.

Douglas County: Drain Rock Production Project on Pacific and Umpqua Highways, State Project. Furnish approximately 5,800 cu. yds. crushed rock or crushed gravel in stockpiles.

Douglas County: Wilson Ranch-Scottsburg Section of Umpqua Highway, State Project; 7.81 miles light oil treatment.

Klamath and Lake Counties: West Forest Boundary-Horse Ranch Section of Fremont Highway, State Project; 16.24 mi. light oil treatment.

Malheur County: Juntura-Harper Section of Central Oregon Highway, State Project; 34.52 miles light oil treatment.

Umatilla County: Hermiston-Cold Springs Section of Hermiston-Secondary Highway, Federal Aid Secondary Project No. FAS 4-A; 1.53 mi. surfacing and 6.55 mi. oiling; also furnish 1,600 cu. y. crushed rock in stock piles. Requires approximately 2,600 cu. y. selected roadbed topping; 2,800 cu. y. crushed rock, and 69,000 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon deposit of \$5.00. * 29

BIDS OPENED

SOLANO, San Joaquin, Calaveras, Amador, Stanislaus, Mariposa and Tuolumne Cos., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$5427.30, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for applying diesel oil to roadside vegetation for about 280.5 roadside miles at various locations in Solano, San Joaquin, Calaveras, Amador, Stanislaus, Mariposa and Tuolumne Counties, Cal.

Work involves:

- (1) 1300 bbls. diesel oil (Location A);
- (2) 1070 bbls. diesel oil (Location B).

Total bids follow:

Pacific Truck Service, Inc., 646 Park Ave., San Jose—(1) \$2.29, \$2.29; total, \$5427.30.

Lee J. Immel, Berkeley—(1) \$2.46, (2) \$2.56; total, \$5937.20.

Sheldon Oil Co., Suisun—(1) \$2.73, (2) \$2.73; total, \$6470.10.

Garcia Const. Co., Irvington—(1) \$2.94, (2) \$3.05; total, \$7085.50. * 29

BIDS OPENED

SONOMA, Marin and Napa Cos., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$6150 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., San Fran-

cisco for applying diesel oil to roadside vegetation for about 191.2 roadside miles at various locations in Sonoma, Marin and Napa counties.

Total bids follow:

Lee J. Immel, 1031 Evelyn St., Berkeley, \$2.46 per barrel; total, \$6,150.

Pacific Truck Service, Inc., San Jose \$2.49; total, \$6,225.

Basalt Rock Co., Inc., Napa, \$2.57; total, \$6,425.

C. F. Fredericksen and Son, Lower Lake, \$2.65; total, \$6,622.50.

E. A. Ford, San Anselmo, \$2.70; total, \$6,750.

Chas. Kuppling Co., Lakeport, \$3.12; total, \$7,800. * 29

BIDS OPENED

ALAMEDA, Contra Costa and Santa Clara Cos., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose at \$2385 submitted low bid to State Division of Highways, Jno. H. Skeggs District Engineer, District IV, State Bldg., San Francisco, for applying diesel oil to roadside vegetation for 11.1 roadside miles at various locations in Alameda, Contra Costa and Santa Clara Counties.

Total bids follow:

Pacific Truck Service, Inc., 646 Park Ave., San Jose, \$2.19 per barrel; total, \$3,285.00.

Lee J. Immel, Berkeley, \$2.44; total, \$3,660.00.

Garcia Const. Co., Irvington, \$2.80, total, \$4,200.00.

Palo Alto Road Materials Co., Palo Alto; \$3.94; total, \$5910. * 29

LOW BIDDER

VENTURA COUNTY, Cal.—J. E. Haddock, Ltd., and Crow Brothers Const. Co., at \$89,525.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 1.7 miles between LaCross and Oakview, Ventura County. * 29

LOW BIDDER

ORANGE COUNTY, Calif.—Vido Kovacevich, 5400 Imperial Highway, Lynwood, at \$38,929 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about one mile between Orange and Olive, Orange County. * 29

Complete bids will be published shortly. * 29

CONTRACT AWARDED

NYE CO., Nev.—Nevada Rock and Sand Co., Inc., Reno, at \$41,872.44, was awarded contract by the Directors of the Department of Highways, State of Nevada, Memorial Bldg., Carson City, for the construction of approximately 8.84 miles of state highway from east boundary of Death Valley National Monument to Beatty, Route 58, State Co., Nye County, Nev. * 29

BIDS WANTED

MERCED, Mariposa and Stanislaus Counties, Calif.—Until Feb. 14, 1:30 P. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for applying diesel oil to roadside vegetation for about 131.4 roadside miles at various locations in Merced, Mariposa and Stanislaus Counties. The work involves 1050 barrels of diesel oil.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 16, 10 A. M., bids will be received by General Manager, Los Angeles Harbor Dept., for asphalt pavement of wharf docks, shed floors and roadways including approximately 3,000 tons of asphalt concrete base pavement, 3000 tons asphalt concrete wearing surface No. 2, and 300 tons of sheet asphalt wearing surf. Spec. 973. 29

BIDS WANTED

COCHISE COUNTY, Ariz.—Until February 16, 10:00 a.m., bids will be received by Howard S. Reed, Arizona State Highway Engineer, Phoenix, for improvement of Ft Huachuca-Bisbee Highway, F A 133A (1938) A F E 9202 and F A 132B (1938) A F E 9203. The work, which is approximately located between 9 and 15 mi. west of Bisbee, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before Aug. 15.

- The work involves:
- (1) 4000 c.y. roadway excav.;
 - (2) 1200 c.y. drainage excav.;
 - (3) 1400 c.y. struc. excav.;
 - (4) 46,500 c.y. imported borrow (CIP);
 - (5) 24,000 c.y. select matl.;
 - (6) 12,700 tons aggregate base course;
 - (7) 4000 c.y. stripping plts.;
 - (8) 2800 M. gals. sprinkling;
 - (9) 700 hrs. rolling;
 - (10) 959 c.y. concrete;
 - (11) 125,400 lbs. reinf. steel;
 - (12) 4700 lbs. struc. steel;
 - (13) 1114 lf. CMP (3 sizes);
 - (14) 40,400 lf. line fence;
 - (15) 276 tons cutback asphalt, MC-2;
 - (16) 3 tons cutback asphalt, MC-4;
 - (17) 500 c.y. blotter material;
 - (18) 625 lf. furnish and drive piles;
 - (19) Lump sum, furnish and drive test pile;
 - (20) 324 sq. yds. furnish and place oil mix;
 - (21) 215 lf. rail bank protection, Type A.

*Certified or cashier's check, 5%, must accompany bid. 29

CONTRACT AWARDED

DOUGLAS, Cochise Co., Arizona.—Henry L. Grohne, Decatur, Ill., at \$67,750.00 was awarded contract by the Procurement Division, Public Works Branch, Washington, D. C., for construction of approach work at the border station, Douglas, Arizona. 29

BIDS WANTED

MONTEREY COUNTY, Cal.—Until March 4, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco for grading about 0.9 mile between five miles and 5.9 miles west of Greenfield, Monterey County.

- Work involves:
- (1) cleaning and grubbing right of way;
 - (2) 77,500 c.y. rdwy. excav., unclass.
 - (3) 600 c.y. struc. excav.;
 - (4) 550 c.y. ditch and channel excav.
 - (5) 90,000 sta. yds. overhaul;
 - (6) 45, sta. finishing rdwy.;
 - (7) 130 lf. 8-in. CMP 16 gauge;
 - (8) 64 lf. 18-in. do.;
 - (9) 190 lf. 24-in. CMP 14 gauge;
 - (10) 90 lf. 30-in. do.;
 - (11) 76 lf. 48-in. CMP 12-gauge;
 - (12) 16 lf. 48-in. CMP 10 gauge;
 - (13) 238 lf. 48-in. CMP 8-gauge;
 - (14) 1 only spillway assembly;
 - (15) 50 lf. clean and relay CMP pipe culverts.

Plans and specifications may be obtained from the above office. 29

BIDS OPENED

HUNTINGTON PARK, Los Angeles Co., Cal.—Griffith Co., Los Angeles Railway Bldg., Los Angeles, at \$15,689 submitted low bid to Huntington Park city council for improvement of Hampshire Dr. (2nd unit) between Gage and Florence Aves., 0.47 mile, a cash contract.

- The work involves:
- (1) 2800 c.y. grading;
 - (2) 92,500 sq. ft. fine grading;
 - (3) 92,500 sq. ft. asphalt conc. pave. (0.6 ft. asphalt conc., 0.43 ft. base and level course, 0.17 ft. asphalt conc., type B surf.);
 - (4) 4331 lf. heavy duty curb (1 sq. ft. end area);
 - (5) 4812 lf. cement concrete gutter;
 - (6) 1 ft. x 6 in. gutter, 100 ft. long, involv. 21 c.y. conc., 900 ft. 1/2-in. and 1455 ft. 3/4-in. round deformed reinf. steel, 420 sq. ft. 16 ga. galv. iron, 60 pcs. 40-lb. rail, 4-ft. length, 2 square C 1 man-hole frames and covers, 2x2-ft.; 10 c.y. excav.;
 - (7) construct open ditch (300 lf. grading).

The other bids were:

- G. O. Gatz, \$16,542.
- Los Angeles Paving Co., \$16,627.
- New R. Curtis Paving Co., \$16,993.
- G. G. Fisher, \$17,236.
- Oswald Bros., \$17,796.
- Vido Kovacevich, \$17,798.
- Vernon Paving Co., \$18,111.
- R. E. Wattson, \$18,135.
- Warren Southwest, \$19,324.
- S. M. Milovich, \$21,164.

30—RESERVOIRS & DAMS

TO ASK BIDS SHORTLY
PLACER COUNTY, Cal.—The U. S. Engineer Office, Room 208, Post Office Building, Sacramento, has announced that plans and specifications for the construction of the North Fork Debris Control Dam on the North Fork of the American River, will be advertised about February 21, and that bids will be opened about March 20, 1938.

Site of the work is on the North Fork of the American River, Placer County, approximately two miles above its junction with the Middle Fork of the American River and about five miles northeasterly by road from Auburn. Dam will be of the concrete arch type, about 620 feet in length on the crest and about 155 feet high above the main foundation bedrock. The spillway will be the overflow type discharging over the central portion of the dam. A small permanent reservoir outlet through the dam will be required but river diversion during construction will be provided by the contractor. It is estimated that approximately 26,500 cu. yds. of foundation excavation and placing approximately 28,600 cu. yds. of concrete will be required to complete the dam.

When available, plans and specifications may be obtained upon deposit of \$10.00. 30

31—PIPE LINES & WELLS

BIDS OPENED
SAN FRANCISCO.—Martin Murphy, 734 Santa Fe Ave., Albany, at \$611.80, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 163, for the laying of 6 and 8-in. cast iron mains in 29th Avenue, Quintara Street to Pacheco Street, San Francisco.

- Work involves:
- (1) 900 lf. excav. and backfill for 8-in. and 6-in. pipe, trench 17 inches wide by 36 inches deep;

- (2) 15 c.y. additional excavation and backfill;
- (3) No Item 3;
- (4) Installing pipe:
 - (a) 140 lf. 8-inch bell and spigot cast iron pipe;
 - (b) 760 lf. 6-inch bell and spigot cast iron pipe;
- (5) 1500 lbs. installing fittings, gate valves, etc.;
- (6) 124 lf. bell and spigot joints for pipe and fittings;
- (7) No Item 7;
- (8) 48 3/4-in. screw taps installed;
- (9) 1000 lf. 3/4-in. galv. iron service pipe installed.

Total bids follow:

(A) Martin Murphy, 734 Santa Fe Ave., Albany.....	\$611.80
(B) W. J. Tobin, Oakland.....	692.78
(C) The Fay Improvement Co., San Francisco.....	876.37
(D) San Francisco Water Department.....	894.00
(E) The Lowrie Paving Co., Inc., San Francisco.....	990.20
(F) Williams Bros. & Haas, Inc., San Francisco.....	1109.70

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$30	\$25	\$28	\$40	\$40	\$65
(2).....	1.00	50	1.01	1.00	1.00	1.00
(3).....						
(4a).....	.04	.07	.196	.08	.10	.08
(4b).....	.04	.05	.165	.08	.06	.08
(5).....	.02	.03	.037	.05	.05	.035
(6).....	.10	.27	.37	.50	.40	.30
(7).....						
(8).....	1.00	1.75	1.25	1.25	2.00	1.00
(9).....	.15	.25	.31	.25	.35	.30

PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during month of January, 1938:

5083, Application 8986 (Yuba Co.) issued to Browns Valley Irrigation Dist., Browns Valley, Jan. 10, for 3 cu. ft. per second from Tennessee Creek, for domestic purposes and irrigation of 20,000 acres.

5084, App. 9038 (Trinity Co.) issued to Ben Ferren and M. L. Anderson, Helene, Jan. 11, for 2 cu. ft. per second from Logan Gulch Creek, for mining and domestic purposes. Est. cost, \$750.

5085, App. 8957 (Riverside Co.) issued to Palm Springs Water Co., Palm Springs, Jan. 11, for 1.5 cu. ft. per second from Falls Creek, for domestic purposes. Est. cost, \$19,500.

5086, App. 9140 (Humboldt County) issued to Division of Highways, Sacramento, Jan. 15, for 3,000 gals. per day from Mill Creek, for industrial and domestic purposes. Est. cost, \$261.27.

5087, App. 9103 (Plumas Co.) issued to Geo. D. Prentice, Richbar, Jan. 19, for 0.5 cu. ft. per second from French Ravine, for mining and domestic purposes. Est. cost, \$1000.

5088, App. 9162 (Plumas Co.) issued to G. W. Sapp, Sloat, Jan. 20, for 200 gals. per day from Cromberg Spring, for domestic and fire protection purposes. Est. cost, \$150.

5089, App. 9167 (Los Angeles Co.) issued to Wm. H. Tree Venice, Jan. 20, for 7100 gals. per day from Oak Spring, for domestic purposes and irrigation of 10 acres. Est. cost, \$300.

5090, App. 9137 (San Diego Co.) issued to Karl Feller, Auganga, Jan. 20, for 5400 gals. per day from an unnamed spring for domestic purposes and irrigation of 50 acres. Est. cost, \$250.00.

5091, App. 9175 (Humboldt Co.) issued to Trinity National Forest, Weaverville, Jan. 20, for 2000 gals. per day from Bee Tree Creek, for domestic purposes. Est. cost, \$600.

5092, App. 9143 (Trinity Co.) issued to Shasta National Forest, Mount Shasta, Jan. 20, for 0.025 cu. ft. per

second from an unnamed spring, for domestic and recreational purposes. Est. cost, \$200.

5093, App. 9105 (Mono Co.) issued to Division of Highways, Sacramento, Jan. 21, for 0.002 cu. ft. per second from an unnamed spring, for domestic purposes. Est. cost, \$500.

5094, App. 8938 (Sierra Co.) issued to Yuba-Sutter Y.M.C.A., Marysville, Jan. 21, for 0.25 cu. ft. per second from Salmon Creek, for power and domestic purposes. Est. cost, \$150.

5095, App. 9114 (Placer Co.) issued to Tahoe National Forest, Nevada City, Jan. 21, for 0.02 cu. ft. per second from Blue Canyon Ranger Station Spring, for domestic purposes. Est. cost, \$3500.

5096, App. 8638 (Del Norte Co.) issued to W. D. Hill, Los Angeles, Jan. 24, for 100 cu. ft. per second from Jones Creek, for mining purposes. Est. cost, \$50,000.

5097, App. 9074 (Siskiyou Co.) issued to Isabella S. Powell, Happy Camp, Jan. 26, for 3 cu. ft. per second from Wingate Creek, for mining and domestic purposes.

5098, App. 9184 (Riverside Co.) issued to R. S. Bliss, Coachella, Jan. 26, for 0.5 cu. ft. per second from Mission Creek, for domestic purposes and irrigation of 40 acres. Est. cost, \$100.

5099, App. 9169 (Sacramento Co.) issued to Horace D. Towne, Walnut Grove, Jan. 28, 1935, for 1.2 cu. ft. per second from Sacramento River, for irrigation of 98 acres.

5100, App. 9128 (El Dorado Co.) issued to El Dorado National Forest, Placerville, Jan. 31, for 200 gals. per day from Pyramid Creek, for domestic purposes. Est. cost, \$100.

5101, App. 9129 (El Dorado Co.) issued to El Dorado National Forest, Placerville, Jan. 31, for 600 gals. per day from Pyramid Creek, for domestic purposes. Est. cost, \$50.

5102, App. 9096 (Siskiyou Co.) issued to Dr. W. J. Deason, Happy Camp, Jan. 31, for 2 cu. ft. per second from an unnamed spring, for domestic purposes and irrigation of 10 acres. Est. cost, \$1000.

5103, App. 9102 (Siskiyou Co.) issued to Dr. W. J. Deason, Happy Camp, Jan. 31, for 3 cu. ft. per second from an unnamed spring, for domestic purposes and irrigation of 60 acres. Est. cost, \$500.

5104, App. 9189 (El Dorado Co.) issued to El Dorado National Forest, Placerville, Jan. 31, for 800 gallons per day from an unnamed spring, for domestic purposes. Est. cost, \$100.

Edward Hyatt, State Engr. 31

SACRAMENTO.—Applications for permits to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of January, 1935:

9219 (Mono Co.)—Emma A. Grace, Bridgeport, Cal., for ¼ c.f.s. from an unnamed stream tributary to Twin Lakes; to be diverted for irrigation and domestic purposes on 40 acres. Estimated cost, \$100.

9220 (Yolo Co.)—American Crystal Sugar Co., Clarksburg, Cal., for 5 c.f.s. from Sacramento River, to be diverted for industrial purposes. Estimated cost, \$8500.

9221 (Mono Co.)—Mutual Gold Corporation, Leevining, Cal., for 11 c.f.s. from Vance Tunnel and Andy Thompson Creek tributary to Mono Lake, to be diverted for power purposes. Estimated cost, \$5000.

9222 (Marin Co.)—G. W. and Mrs. A. R. Guth, San Jose, Cal., for 0.3 c.f.s. from Novato Creek tributary to San Pablo Bay, to be diverted for irrigation purposes on 21 acres. Estimated cost, \$650.

NYE CO., NEV.—HIGHWAY CONSTRUCTION—(State)

NYE CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$41,872.44, was awarded contract by the Directors of the Department of Highways, State of Nevada, Memorial Bldg., Carson City, for the construction of approximately 8.84 miles of state highway from east boundary of Death Valley National Monument to Beatty, Route 58, Section A, Nye Co., Nev.

- (1) 48 acres clearing;
- (2) 66,730 cu. roadway excav.;
- (3) 2,750 cu. drainage excav.;
- (4) 162 sta. V type ditches;
- (5) 12,517 c.y. imported borrow;
- (6) 117,354 yd. sta. overhaul (yd. sta.);
- (7) 6,069 yd. mi. overhaul (yd. mi.);
- (8) 630 c.y. struc. excav.;
- (9) 1,180 cu. backfill;
- (10) Force account, roadside cleanup;
- (11) 12 M. gals. water;
- (12) 23 c.y. class A concrete;
- (13) 82 c.y. class B concrete;

- (14) 4,720 lbs. reinf. steel;
- (15) 1,104 l.f. 18-in. CMP;
- (16) 1,162 l.f. 24-in. CMP;
- (17) 120 l.f. 30-in. CMP;
- (18) 98 l.f. 36-in. CMP;
- (19) 34 each, monuments;
- (20) 8.34 mi. finish roadway.
- (A) Nevada Rock & Sand Co., Inc. Reno, Nev.—\$41,872.44.
- (B) Isbell Constr. Co., Reno, Nev.—\$4,345.08.
- (C) Ward Bros. Constr. Co., Los Angeles, Cal.—\$47,177.27.
- (D) Young & Son Co., Ltd., Berkeley, Cal.—\$49,589.79.
- (E) The Utah Constr. Co., Ogden Utah—\$49,935.72.
- (F) Dodge Constr., Inc., Fallon, Nev.—\$53,776.05.
- (G) A. S. Vinnell Co., Alhambra, Cal.—\$60,092.53.
- (H) R. L. Crowley, Los Angeles, Cal.—\$78,607.14.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 8.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 10.00	\$ 15.00	\$ 50.00	\$ 50.00
(2).....	.30	.30	.37	.41	.38	.42	.42	.7
(3).....	.30	.32	.25	.35	.40	.30	1.00	7
(4).....	4.00	5.00	5.00	4.00	6.00	5.00	3.00	10.0
(5).....	.30	.32	.23	.30	.30	.38	.39	.4
(6).....	.01	.01	.045	.005	.01	.01	.006	0
(7).....	.10	.10	.25	.18	.12	.15	.22	.2
(8).....	1.00	1.50	1.00	.90	1.75	1.50	1.00	2.0
(9).....	.50	.50	.75	.50	.60	.75	1.00	.5
(10).....	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.0
(11).....	5.00	3.00	4.00	6.00	5.00	10.00	4.50	5.0
(12).....	27.00	35.00	40.00	30.00	38.00	30.00	40.00	35.0
(13).....	23.00	35.00	30.00	30.00	38.00	30.00	45.00	35.0
(14).....	.07	.07	.08	.07	.07	.08	.11	.1
(15).....	2.25	2.10	1.85	1.85	2.50	2.50	2.40	2.5
(16).....	3.25	3.00	2.72	2.75	3.00	3.25	3.60	3.5
(17).....	4.00	4.25	3.50	3.45	3.60	4.00	4.50	4.5
(18).....	6.00	6.00	5.45	5.00	5.00	5.50	6.50	7.0
(19).....	3.00	4.00	4.00	3.00	3.25	3.50	5.00	4.0
(20).....	200.00	310.00	325.00	300.00	250.00	300.00	400.00	400.0

9223 (Imperial Co.)—Margaret E. Stewart, 843 S. Beacon Ave., Los Angeles, Cal., for 1 c.f.s. from Palo Verde Lagoon tributary to Colorado River, to be diverted for irrigation purposes on 80 acres.

9224 (Tulare Co.)—Lindsay-Strathmore Irrigation District, Lindsay, Cal., for 10 c.f.s. from Lewis Creek tributary to San Joaquin Drainage Area, to be diverted for irrigation and domestic purposes on 10,000 ac.

9225 (Stanislaus Co.)—J. S. Tully, Modesto, Cal., for 3 c.f.s. from Dry Creek tributary to Tuolumne River, to be diverted for irrigation and domestic purposes on 101 acres. Estimated cost, \$4700.

9226 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Cal., for 290,000 acre-feet per annum from Cosumnes River, to be diverted for power purposes; 13,840 hp. to be developed.

9227 (Amador Co.)—Sierra Mountain Water Co., Sacramento, Cal., for 300,000 acre-feet per annum from Cosumnes River, to be diverted for municipal purposes.

9228 (Mono Co.)—Lawson Crane, Coleville, Cal., for ¼ c.f.s. from two unnamed springs tributary to Lost Canyon Creek, thence West Walker River, to be diverted for domestic purposes.

9229 (Trinity Co.)—Mrs. Joaquina R. Costa, Weaverville, Cal., for 20½ c.f.s. from Rush Creek tributary to Trinity River, to be diverted for mining purposes. Estimated cost, \$100.

EDWARD HYATT,
State Engineer. 31

BIDS WANTED
YERBA BUENA ISLAND, Calif.—Until February 14, 3 P. M., bids will

be received by the San Francisco Bay Exposition Co., 585 Bush Street San Francisco, under Contract No. 144, for the construction of connecting lines to catchbasins and downspouts on Yerba Buena Shoals.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 2 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for laying 4-inch cast iron mains in Shawnee Avenue and Delano Ave. west, San Francisco.

- Work involves:
- (1) 250 l.f. excavation and backfill for 4-in. pipe, trench 17-in. b. 36-in. deep;
 - (2) 10 c.y. additional excavation and backfill;
 - (3) no item 3;
 - (4) installing 250 l.f. of 4-in. be and spigot cast iron pipe;
 - (5) 500 lbs. installing fittings, galv valves, etc.;
 - (6) 25 l.f. making joints for pipe and fittings;
 - (7) 50 sq. ft. repavement;
 - (8) 20 ¾-in. screw taps installed;
 - (9) 300 l.f. ¾-in. copper service ph installed.

Plans and specifications may be obtained at 6th floor, 425 Mason St San Francisco, upon deposit of \$5.

BIDS WANTED

BAKERSFIELD. Kern Co., Cal. Until February 14, 5:00 p.m., (open at 8:00 p.m.) bids will be received by the Bakersfield City Council, Van Riper, City Clerk, City Ha for the construction of a concrete pipe storm drain in Brundage La between Oleander Avenue and t

Virginia Tract Pumping Station, Bakersfield, Calif.

Plans and specifications may be obtained from the City Engineer, Joe Halfelder. 31

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

TERMINAL ISLAND, Los Angeles, Cal.—Until Feb. 15, 11 a.m., bids will be received by Lt. Comdr. L. N. Moeller, Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8651, for furnishing and installing sewage ejector equipment at the 11th Naval District (Fleet Aviation Facilities), Reeves Field, Terminal Island, Los Angeles Harbor, California.

Work includes: Furnishing and installing of a duplex pneumatic ejector equipment for sewage, consisting of two ejectors, one air tank, two motor-driven air compressors, control panel, piping, electrical wiring and accessories. Government will furnish and install the ejector pit, the equipment shelter, certain piping and electrical service to the building.

Plans and specifications may be obtained from the above office upon deposit of \$10. 32

33— WATER WORKS

BIDS WANTED

TWISP, Okanogan Co., Wash.—Until Feb. 21, 8 p.m., bids will be received by George M. Gibson, Town Clerk, for water system improvements, Unit No. 2. Work involves: 1250 feet of 8-inch, 7755 feet of 6-inch, 8900 feet of 4-inch cast-iron pipe, 148 c.y. concrete, 17,700 lbs. steel reinforcing bars, one 55-g.p.m. vertical turbine pump, and one 200-g.p.m. vertical turbine pump.

Plans and specifications may be obtained from S. C. Jayne, Engineer, Wenatchee, Wash. 33

BONDS VOTED

GUSTINE, Merced Co., Calif.—A proposal to issue \$100,000 in bonds to finance drainage project was approved by a vote of 195 to 92 in Gustine. Frank Davis, Engineer. 33

34— PARKS AND PLAY GROUNDS

CONTRACT AWARDED

MESA, Ariz.—Hall, Biddle & Chamber, P.O. Box 87, Mesa, Ariz., at \$625, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Mesa. 34

BID REJECTED

SALINAS, Monterey Co., Calif.—Because the contractor was unable to furnish bond, the Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received for seeding and planting grounds of the U. S. Post Office at Salinas.

Work will be readvertised at a later date. 34

BOND ELECTION

SAN CARLOS, San Mateo Co., Cal.—The Town of San Carlos will vote on March 16 on a proposal to issue bonds in the amount of \$3,300, proceeds to finance construction of a park and playground in San Carlos. 34

SAN FRANCISCO—Alemany Sewer Extension—(City)

SAN FRANCISCO, Cal.—Eaton & Smith, 715 Ocean Ave. San Francisco, at \$52,655 (Proposition A) and \$48,210 (Proposition B), submitted low bid to Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,065, for the construction of Section F of Alemany sewer extension from Evans Avenue to Napoleon St., San Francisco. Estimated cost, \$50,000.

- Work involves:
PROPOSITION "A"
 (1) 200 l.f. 3-compartment 7-ft. 6-in. by 10-ft. 0-in. reinf. concrete sewer, exclusive of piles;
 (2) 3 each, manholes on 3-compartment sewer;
 (3) 675 l.f. 12-in. VCP underdrain, covered with concrete or broken rock as directed;
 (4) 19 MFBM lumber in place for connection from reinf. concrete sewer to existing wood box sewer exclusive of piles;
 (5) 38,700 l.f. piles, below cut-off;
 (6) 240 l.f. standard guard rail (heavy type);

- PROPOSITION "B"**
 (1) 180 l.f. 3-compartment 7-ft. 6-in.

- by 10-ft. 0-in. reinf. concrete sewer, exclusive of piles;
 (2) 3 each, manholes on 3-compartment sewer;
 (3) 610 l.f. 12-in. VCP underdrain, covered with concrete or broken rock as directed;
 (4) 19 MFBM lumber in place for connection from reinf. concrete sewer to existing wood box sewer exclusive of piles;
 (5) 34,000 l.f. piles, below cut-off;
 (6) 240 l.f. standard guard rail (heavy type).

- Total bids follow:
 (A) Eaton & Smith, 715 Ocean Ave., San Francisco—\$52,655 (Pro. A); \$48,210 (Pro. B).
 (B) M. J. Lynch, S. F.—\$55,033.25 (A); \$49,462.50 (B).
 (C) Healy-Tibbitts Constr. Co., S. F.—\$55,000 (A); \$52,436 (B).
 (D) Chas. L. Harey, S. F.—\$61,593.50 (A); \$55,000 (B).
 (E) Clinton Constr. Co., S. F.—\$61,819 (A); \$56,410 (B).
 (F) John Rocca, San Rafael—\$68,042.75 (A); \$60,918 (B).

Unit prices follow:

PROPOSITION "A"

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$144.50	\$200.00	\$161.00	\$150.00	\$181.00	\$190.00
(2)	60.00	75.00	60.00	60.00	90.00	75.00
(3)	3.00	1.75	1.60	2.50	2.00	1.80
(4)	100.00	70.00	60.00	65.00	80.00	90.00
(5)	.50	.31	.60	.73	.57	.6825
(6)	1.25	1.25	1.00	1.00	1.75	2.00

PROPOSITION "B"

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	150.00	200.00	162.00	150.00	181.00	190.00
(2)	60.00	75.00	60.00	60.00	90.00	75.00
(3)	3.00	1.75	1.60	2.50	2.00	1.80
(4)	100.00	70.00	60.00	65.00	80.00	90.00
(5)	.50	.31	.61	.73	.60	.6825
(6)	1.25	1.25	1.00	1.00	1.75	2.00

DREDGING, ETC.—Alameda Naval Air Station—(Govt.)

ALAMEDA, Calif.—San Francisco Bridge Co., 503 Market St., San Francisco, at \$960,000, submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. \$414, for dredging and filling; stone seawalls and jetties; and steel sheetpile bulkheads and pier, including wood piles and timber work and concrete curbs at the Naval Air Station, Alameda.

- Work involves:
 (1A) Entire work;
 (2A) Price of work exclusive of all dredging and filling;
 (3A) Price per cu. yd., place measurement, for dredging and filling;
 (4A) Amount to be added to the price bid under Item 1A for providing the extension to the seawall and the fill as covered by Alternate A;
 (5A) Amount to be added to the price bid under Item 2A for providing the extension to the seawall, exclusive of fill, as covered by Alternate A;
 (6A) Amount to be added to or deducted from the price bid under Items 1A and 2A for providing

- the steel sheet pile jetties as covered by Alternate B;
 (7A) Amount to be deducted from the price bid under Items 1A and 2A for the omission of the pier as covered by Alternate D;
 (8A) Amount to be deducted from the price bid under Items 1A and 2A for the omission of the pier as covered by Alternate D.

ALTERNATES

- (a) Extension of seawall;
 (b) Omission of pier (for award based on rock jetty construction);
 (d) Omission of pier (for award based on filled steel sheet pile jetty construction);
 (e) Unit price per cu. ft. for dredging and filling.

- Total bids follow:
 (A) San Francisco Bridge Co., 503 Market St., S. F.—\$960,000.
 (B) Johnson, Inc., & Case Construction Co., San Pedro—\$1,122,920.
 (C) George Pollock Co., Sacramento—\$1,161,253.
 (D) Ben C. Gerwick, Inc., San Francisco—\$1,200,000.

Additions and deductions follow:

	(A)	(B)	(C)	(D)
(1A)	\$960,000.00	\$1,122,920.00	\$1,161,253.00	\$1,200,000.00
(2A)	540,000.00	567,210.00	544,053.00	569,000.00
(3A)	.10	.135	.145	.125
(4A)	56,000.00	49,500.00	43,830.00	36,680.00
(5A)	56,000.00	43,590.00	36,630.00	34,180.00
(6A)		124,350.00+	90,100.00+	87,629.00+
(7A)	150,000.00	145,000.00	132,350.00	137,500.00
(8A)		147,000.00	136,000.00	50,000.00

ALAMEDA COUNTY PERMITS UNDER \$1000

Oakland; owner, Dufflene Garage, Prem.; contractor, Radiant Neon Displays, 786 22nd St.

ALTERATIONS, \$986; 802 Alice St., Oakland; owner, Arthur C. Oppenheimer II, 334 California St., San Francisco; contractor, Poy Aiden, 3538 Brookdale.

BIDS OPENED

NEWBERG, Ore.—W. E. Rowe, Albertsville, Ala., at \$499, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Newberg.

Other bids were:

Gunbert Landscape Nursery, Corvallis, Ore.—\$825.

Florence Greenhouse, McMinnville, Ore.—\$695.

Portland Rose Nursery, Portland, Ore.—\$754.

BIDS OPENED

SAN FRANCISCO.—National Evergreen Sales Co., 8467 Beverly Blvd., Los Angeles, at \$8,140.85, (a) ded. \$184, (b) ded. \$648.30, (c) ded. \$74.50, (d) ded. \$1,200, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for landscaping, etc., at the United States Mint, Duboce Ave. and Market St., San Francisco. (8946) 1st report Jan. 10; 2nd, Jan. 25, 1938.

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIR fire damage, \$500; 1908 Essex, Berkeley; owner, Emily Zulger, 1971 Grove; contractor, W. A. Rose, 478 25th St., Oakland.

ALTERATIONS, \$50; 1218 23rd Avenue, Oakland; owner and contractor, Gus Costa, 1206 23rd Ave.

SIGN, electric, \$200; 3429 Lakeshore Ave., Oakland; owner, MacDonald Market, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$300; 7645 Foothill Blvd., Oakland; owner, Castle-mont Drug Co., Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$150; 1416 Fruitvale Ave., Oakland; owner, Palm Cafe, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 3124 E. 14th St., Oakland; owner, Bill Wood, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$150; 2631 Seminary Ave., Oakland; owner, M. Phillips, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$135; 3825 E. 12th St., Oakland; owner, Italian Grocery, Prem.; contractor, Cahill Neon Displays, 3301 School St.

SIGN, metal, \$35; 4520 E. 14th St., Oakland; owner, Mr. Johnson, Prem.; contractor, C. David, 1034 24th St.

SIGN, electric, \$120; 2920 San Pablo Ave., Oakland; owner, Mae Conlogue & Anderson, Prem.; contractor, Imp. Elec. Sign Co., 2228 Myrtle St.

SIGN, electric, \$50; 8127 Foothill Blvd., Oakland; owner, Walt's Cafe, Prem.; contractor, Imp. Elec. Sign Co., 2228 Myrtle St.

VENDING machine bldg., \$900; 8680 E. 14th St., Oakland; owner, A. B. Lindsay, 3600 13th Ave.

REPAIRS, \$50; 807 Washington St., Oakland; owner, Elmer E. Childs, 702 Spruce St., Berkeley; contractor, Wm. C. Johnson, 1702 Fairview St., Berkeley.

ADDITION, \$150; 1534 Oregon, Berkeley; owner and contractor, Fujl Nursery Co., Prem.

REROOF, \$128; 1510 Oxtord, Berkeley; owner, M. R. Hatch, 5921 Keith Ave., Oakland; contractor, Crown Roof Co., 1911 E. 12th St., Oakland.

MERCED COUNTY—GRADING—(State)

MERCED COUNTY, Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at \$144,472.35 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for 8.9 miles of grading and constructing untreated crushed gravel or stone borders between 1.7 miles east of Los Banos and easterly boundary, Merced Co. Work involves:

- (1) 467 sta. clear and grub right of way;
- (2) 2,000 M. gals. water;
- (3) 37,000 c.y. roadway excav. without classification;
- (4) 3,350 c.y. struc. excav.;
- (5) 875 c.y. ditch and channel excavation;
- (6) 45,000 sta. yds. overhaul;
- (7) 51,000 c.y. import borrow;
- (8) 467 sta. finishing roadway;
- (9) 490 c.y. remove concrete;
- (10) 18,000 tons untreated crushed gravel or stone;
- (11) 3,000 tons mineral aggregate (plant-mix surf.);
- (12) 5 tons liq. asph., MC-2 (prime coat);
- (13) 150 tons liq. asph., MC-5 or MC-extra heavy (plant-mix surf.);
- (14) 375 tons liq. asph., SC-2 penetration oil treatment;
- (15) 490 tons asph. emulsion paint binder armor coat and seal coat;
- (16) 5,300 tons screenings armor coat and seal coat;
- (17) 430 c.y. class A portland cement conc. strucs.;
- (18) 35,000 lbs. bar reinf. steel;
- (19) 5,300 lbs. struc. steel;
- (20) 25 c.y. riprap ditch lining;
- (21) 80 lf. 8-in. CMP;
- (22) 286 lf. 12-in. CMP;
- (23) 1,204 lf. 18-in. CMP;
- (24) 320 lf. 24-in. CMP;

- (25) 30 lf. 30-in. CMP;
- (26) 32 lf. 16-in. CMP;
- (27) 334 lf. 24-in. CMP siphons;
- (28) 234 lf. 30-in. CMP siphons;
- (29) 10 each, conc. joints, 24-in. pipe siphons;
- (30) 14 each, conc. joints, 30-in. pipe siphons;
- (31) 4 each, 18-in. automatic drainage gates;
- (32) 30 each, exist. culvert headwall to be removed and reset;
- (33) 184 lf. clean and relay existing CMP culverts;
- (34) 144 lf. clean and salvage existing CMP culverts;
- (35) 770 lf. laminated guard railing;
- (36) 1,260 lf. remove and salvage existing guard railing;
- (37) 140 each, culvert markers and guide posts;
- (38) 2.4 mi. new property fence;
- (39) 25 each, drive gates;
- (40) 60 each, monuments.

- Total bids follow:
- (A) Fredericksen & Westbrook, P. O. Box 138, Lower Lake, \$144,472.35.
 - (B) J. A. Casson, Hayward, \$144,590.20.
 - (C) Piazzi & Huntley, San Jose, \$149,256.30.
 - (D) Granito Const. Co., Ltd., Watsonville, \$159,344.80.
 - (E) Warren Southwest, Inc., Los Angeles, \$162,466.10.
 - (F) Claude C. Wood, Stockton, \$165,793.80.
 - (G) Lee J. and Jacob P. Immel, Berkeley, \$174,502.20*.
 - (H) Union Paving Co., San Francisco, \$180,330.50.

* Irregular bid, as proposal was taken out for Lee J. Immel and was signed by Lee J. Immel and Jacob P. Immel.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 5.00	\$ 2.00	\$ 6.00	\$ 3.00	\$ 5.00	\$ 5.00	\$ 4.00	\$12.00.
(2)	1.00	1.00	.75	1.30	1.40	1.00	.80	.75
(3)	.16	.25	.26	.25	.21	.20	.20	.18
(4)	1.25	1.25	1.25	1.30	1.00	1.00	1.00	1.20
(5)	1.25	1.00	.85	.70	.40	1.00	.50	1.00
(6)	.007	.01	.006	.005	.01	.01	.01	.005
(7)	.42	.85	.60	.55	.73	.80	.90	1.15
(8)	5.00	5.00	5.50	5.50	5.00	5.00	5.00	5.00
(9)	7.20	5.00	4.00	2.50	4.00	7.50	5.50	4.50
(10)	1.58	1.49	1.55	2.10	1.90	1.80	2.00	1.50
(11)	3.70	3.25	2.90	3.70	3.25	3.20	3.50	2.80
(12)	32.00	30.00	27.00	30.00	26.00	30.00	40.00	25.00
(13)	18.00	16.00	18.25	16.00	17.50	17.50	17.00	20.00
(14)	13.60	13.00	13.15	14.00	12.00	14.00	13.00	18.00
(15)	23.00	20.00	20.75	20.00	20.00	20.00	19.50	21.00
(16)	3.50	2.70	3.40	4.00	3.75	3.00	3.90	3.50
(17)	26.00	25.00	23.00	22.00	23.00	27.50	24.00	23.00
(18)	.06	.06	.06	.06	.06	.06	.06	.06
(19)	.14	.08	.10	.08	.10	.10	.10	.12
(20)	5.00	5.00	4.75	6.00	2.50	4.00	4.00	5.00
(21)	1.00	1.10	1.00	1.00	.90	1.25	1.00	1.10
(22)	1.20	1.20	1.25	1.40	1.25	1.50	1.30	1.50
(23)	1.70	1.60	1.85	1.80	1.80	1.90	1.95	2.00
(24)	2.75	2.50	2.75	2.50	3.00	2.75	2.95	3.00
(25)	4.00	3.10	3.20	3.50	3.50	3.60	3.65	4.00
(26)	5.00	4.60	5.00	5.00	5.50	5.00	5.60	6.00
(27)	3.25	3.20	3.40	3.00	3.60	3.40	3.65	4.00
(28)	4.00	3.50	4.20	4.00	4.50	4.40	4.45	5.00
(29)	10.00	10.00	12.00	13.00	9.00	16.00	13.00	15.00
(30)	12.00	14.00	15.00	17.00	12.50	22.50	17.75	18.00
(31)	20.00	20.00	20.00	20.00	22.00	18.00	23.00	20.00
(32)	12.00	10.00	10.00	6.50	9.00	20.00	15.00	10.00
(33)	1.00	1.00	.60	.60	1.00	1.00	1.00	1.00
(34)	.60	.50	.60	.50	.50	1.00	1.00	1.00
(35)	1.50	1.25	1.15	1.00	1.25	1.50	1.25	1.25
(36)	.12	.60	.30	.13	.15	.25	.30	.25
(37)	2.50	3.00	2.50	1.60	3.00	3.00	2.50	3.00
(38)	400.00	500.00	350.00	400.00	500.00	450.00	500.00	500.00
(39)	19.00	25.00	15.00	18.00	20.00	25.00	18.00	20.00
(40)	2.50	3.00	2.00	3.00	3.00	3.00	3.00	3.00

ALTERATIONS, \$400; 541 E. 12th St., Oakland; owner and contractor, Adams Bros., 1718 East 12th St.

GARAGE, 1-story, \$200; 15030 Broadway Terr.; owner and contractor, Ted Gould, Lakeside Hotel.

REPAIRS, \$87; 5572 Fremont St., Oakland; owner, C. Downing, Fremont contractor, Robert Beck, 5574 Miles Ave.

REMODELING, \$75; 461 11th St., Oakland; owner and contractor, M. Checkouras, Prem.

ADDITION, \$350; 5909 Mountain Blvd., Oakland; owner and contractor, Mills College Riding School, Prem.

ADDITION, \$175; 6357 Pinehaven Rd., Oakland; owner and contractor, Chas. Courtright, 3957 Keith Ave.

SIGN, metal, \$100; 2248 E. 14th St., Oakland; owner, Hollenbeck Pnt. Co., Prem.; contractor, Oakland Sign Co., 579 18th St.

SIGN, wood, \$75; 324 12th St., Oakland; owner, Toledo Scale Co., Prem.; contractor, Bob's Sign Service, 597 19th St.

SIGN, metal, \$10; 4236 Park Blvd., Oakland; owner and contractor, Glenview Fruit Market, Prem.

SIGN, metal, \$12; 3901 Telegraph Ave., Oakland; owner, Senator Tire Shop, Prem.; contractor, H. T. Drake, 6520 Tremont St.

REROOF, \$101; 1416 Russell, Berkeley; owner, Arthur Le Bon, Prem.; contractor, J. R. Rathburn, 1319 Josephine.

GARAGE, \$70; 1321 Josephine, Berkeley; owner and contractor, A. Ingram, Prem.

GARAGE, \$150; 2441 Spaulding, Berkeley; owner and contractor, Otto Makela, Prem.

SIGN, metal, \$20; 5318 College Ave., Oakland; owner and contractor, Rio Grande Oil Co., 833 47th Ave.

SIGN, metal, \$20; 1700 E. 14th St., Oakland; owner and contractor, Rio Grande Oil Co., 833 47th Ave.

YOLO COUNTY—Grading and Surfacing—(State)

YOLO CO., Calif.—Fredericksen & Westbrook, P.O. Box 138, Lower Lake, at \$14,271.25, submitted low bid to the State Div. of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 3.8 miles grading, surfacing with gravel base and applying penetration oil treatment between 1.4 miles north of Bacchinis Corner and Route 88, Yolo County.

Work involves:

- (1) 400 M. gals. water;
- (2) 17,500 c.y. rdwy. excav., unclass.;
- (3) 31,000 sta. yds. overhaul;
- (4) 25 c.y. struc. excav.;
- (5) 202 sta. finishing rdwy.;
- (6) 7,500 c.y. gravel base;
- (7) 93 tons liquid asphalt, SC-2, penetration oil treatment;
- (8) 115 tons sand penetration oil treatment;
- (9) 80 lf. 8-in. CMP.

Total bids follow:

(A) Fredericksen & Westbrook, P.O. Box 138, Lower Lake—\$14,271.25.

	(A)	(B)	(C)	(D)	(E)
(1).....	\$1.25	\$0.60	\$1.00	\$1.25	\$1.50
(2).....	.175	.20	.20	.20	.20
(3).....	.01	.01	.01	.005	.01
(4).....	1.50	1.00	1.00	1.25	1.25
(5).....	5.00	2.00	2.00	5.00	5.00
(6).....	.96	1.15	1.20	1.10	1.10
(7).....	15.25	16.00	15.00	18.00	16.00
(8).....	3.00	2.00	2.00	2.60	2.75
(9).....	1.25	1.00	1.25	1.25	1.00

(B) Poulos & McEwen, Sacramento—\$15,247.00.

(C) Claude C. Wood, Stockton—\$15,724.00.

(D) Mountain Constr. Co., Sacramento—\$15,849.25.

(E) Harms Bros., Litchfield—\$15,915.50.

(F) E. A. Forde, San Anselmo—\$16,152.00.

(G) J. R. Reeves, Sacramento—\$16,380.00.

(H) Piazza & Huntley, San Jose—\$18,202.00.

(I) Lee J. Immel and Jacob P Immel, Berkeley*—\$19,377.00.

(J) Hemstreet & Bell, Marysville—\$20,134.50.

(K) Johnston Rock Co., Stockton—\$26,436.25.

*Irregular bid, as proposal was taken out for Lee J. Immel and was signed by Lee J. Immel and Jacob P. Immel.

Unit prices follow:

	(F)	(G)	(H)	(I)	(J)	(K)
\$0.75	\$1.00	\$0.75	\$1.00	\$1.50	\$2.00	
.20	.20	.25	.25	.20	.32	
.005	.01	.01	.01	.01	.01	
1.00	1.50	1.00	1.00	1.50	1.25	
3.00	5.00	3.50	5.00	2.50	5.00	
1.28	1.20	1.39	1.40	1.70	2.10	
12.75	15.00	13.50	16.50	16.50	20.00	
2.75	2.50	2.50	4.50	2.50	3.00	
1.00	1.00	1.25	1.25	1.25	1.25	

ORANGE COUNTY—GRADING & PAVING—(State)

ORANGE CO., Calif.—Vido Kovacevich, 5400 Imperial Highway, Lynwood, at \$38,929, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about one mile between Inglewood and Olive, Orange Co., Calif.

Work involves:

- (1) 50 sta. clear and grub;
- (2) 700 M. gals. water;
- (3) 390 c.y. remove concrete;
- (4) 10,100 c.y. roadway excav., without classification;
- (5) 720 c.y. struc. excav.;
- (6) 240 c.y. ditch and channel excavation;
- (7) 50,000 sta. yds. overhaul;
- (8) 1,100 c.y. imported borrow;
- (9) 9,000 tons import subgrade material;
- (10) 12,300 sq. yds. preparing subgrade;
- (11) 50 sta. finishing roadway;
- (12) 10 tons liq. asphalt, SC-2 (prime

coat);

- (13) 230 tons min. aggregate (plant-mix surf.);
- (14) 12 tons liq. asphalt, ROMC-4 or 5 (plant-mix surf.);
- (15) 100 tons liq. asphalt, SC-2 (shoulders);
- (16) 8,200 sq. yds. preparing, mixing and shaping shoulders;
- (17) 2,305 c.y. class A portland cement concrete pavement;
- (18) 4,650 each, pave. dowels;
- (19) 45,000 lbs. bar reinf. steel pave. and struc.;
- (20) 4,000 lbs. misc. iron and steel;
- (21) 225 c.y. class A portland cement concrete struc.;
- (22) 40 lf. remove, clean and relay pipe culverts;
- (23) 80 lf. remove, clean and salvage pipe culverts;
- (24) 40 lf. laminated guard railing;
- (25) 20 each, culvert markers;
- (26) 60 sq. yds. asphalt paint binder.

Total bids follow:

(A) Vido Kovacevich, 5400

Imperial Highway, Lynwood—\$38,929.00

(B) J. E. Haddock, Ltd., Pasadena—39,236.75

(C) B. G. Carroll, San Diego 40,466.25

(D) Geo. R. Curtis Paving Co., L. A.—41,187.50

(E) Griffith Co., L. A.—41,923.60

(F) Warren Southwestern, Los Angeles—42,192.50

(G) Anasco Constr. Co., Inc., Long Beach—42,198.20

(H) Los Angeles Paving Co., Los Angeles—42,990.20

(I) United Concrete Pipe Corp., Los Angeles—43,815.00

(J) Claude Fisher Co., Ltd., Los Angeles—44,250.00

(K) Sully-Miller Contr. Co., Long Beach—44,928.95

(L) Dimmitt & Taylor, Los Angeles—46,356.50

(M) C. O. Sparks & Mundo Engrg. Co., L. A.—51,378.00

(N) E. L. Yeager, Riverside 51,902.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1).....	\$25.00	\$11.00	\$15.00	\$12.50	\$10.00	\$15.00	\$17.00	\$20.00	\$20.00	\$20.00	\$20.00	\$25.00	\$20.00	\$25.00
(2).....	1.00	1.30	1.00	1.00	1.00	2.00	1.00	1.80	.80	.75	1.35	1.50	1.50	1.20
(3).....	2.50	1.50	3.00	2.00	2.00	2.00	1.75	1.60	1.50	1.75	1.50	2.00	3.00	3.50
(4).....	.27	.25	.25	.21	.24	.25	.21	.25	.35	.21	.22	.18	.40	.47
(5).....	1.00	1.00	.70	.90	1.00	1.00	.60	.85	1.20	1.25	.50	.85	1.50	1.00
(6).....	.75	.80	.30	.90	1.00	.60	.90	1.10	.60	.75	.40	1.30	.70	.60
(7).....	.005	.005	.005	.01	.005	.003	.01	.006	.005	.005	.005	.015	.01	.01
(8).....	.50	.65	.40	.70	.70	.90	.60	.70	.45	.60	.60	.50	.80	.75
(9).....	.45	.65	.60	.87	.75	.75	.66	.65	.68	.80	.85	.85	1.10	.75
(10).....	.10	.08	.10	.10	.10	.10	.10	.08	.10	.11	.15	.12	.12	.14
(11).....	5.00	7.50	3.00	5.00	3.00	6.00	5.00	5.65	6.00	10.00	5.00	10.00	18.00	9.50
(12).....	10.00	21.00	12.00	14.00	14.00	10.00	14.50	14.00	18.00	13.50	14.00	15.00	15.00	12.00
(13).....	2.75	2.60	3.00	3.00	2.50	2.50	2.83	3.45	2.50	3.00	2.50	3.00	2.80	3.50
(14).....	15.00	11.50	14.00	11.75	13.00	15.00	12.20	14.00	12.00	12.00	13.00	14.00	16.00	15.00
(15).....	8.00	7.25	7.00	7.50	8.00	7.40	7.77	8.30	7.00	8.00	7.00	8.50	8.00	10.00
(16).....	.06	.09	.06	.06	.05	.05	.06	.05	.08	.07	.05	.07	.06	.09
(17).....	7.00	6.75	7.75	7.00	7.12	6.80	8.00	7.80	7.86	8.00	8.19	8.00	7.50	8.00
(18).....	.13	.13	.13	.13	.14	.15	.156	.14	.11	.13	.12	.13	.15	.15
(19).....	.05	.057	.06	.05	.06	.055	.0575	.065	.06	.055	.06	.06	.06	.08
(20).....	.17	.19	.20	.19	.18	.20	.19	.20	.17	.18	.16	.18	.25	.20
(21).....	18.00	15.50	13.00	15.00	20.00	20.00	16.70	16.60	19.00	18.00	18.00	20.00	25.00	26.00
(22).....	.50	.75	1.00	.60	2.00	1.00	.40	.70	1.00	1.00	2.00	1.00	1.00	1.20
(23).....	.50	.50	1.00	.50	1.50	1.00	.20	.60	1.00	1.00	.50	.70	1.00	1.50
(24).....	1.00	1.50	1.00	1.25	2.00	1.50	1.25	1.65	.80	1.50	1.60	1.50	1.00	2.50
(25).....	1.00	3.00	3.00	3.00	3.00	2.50	2.50	3.40	3.00	3.00	3.00	2.50	3.00	3.00
(26).....	.05	.10	.20	.10	.10	.05	.05	.12	.02	.10	.25	.10	.10	.10

MARIN COUNTY—GRADING AND SURFACING—(STATE)

MARIN COUNTY, Cal.—Granfield, Farrar & Carlin, 67 Hoff Street, San Francisco, at \$63,945 submitted low bid to State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading and surfacing with armor coat 1.5 miles between San Geronimo and one mile north of Fairfax, Marin Co., Calif.

- (9) 900 tons screenings (armor coat);
- (10) 3,000 lbs. bar reinf. steel;
- (11) 40 c.y. class A portland cement concrete struc.;
- (12) 2 MFBM Redwood timber, select, all-heart struc. grade;
- (13) 1,324 lf. 18-in. CMP, 16-ga.;
- (14) 240 lf. 18-in. CMP, 14-ga.;
- (15) 292 lf. 24-in. CMP, 14 ga.;
- (16) 1,500 lf. 6-in. stand. drain tile;
- (17) 170 lf. 90-in. multiple CMP;
- (18) 200 c.y. rock filling material;
- (19) 7 each, cast steel frames and covers for drop inlets.

- (D) Poulos & McEwen, Sacramento, \$68,997.40.
- (E) J. L. Conner, Monterey, \$77,384.24.
- (F) N. M. Ball Sons, Albany, \$77,911.60.
- (G) Macco Const. Co., Clearwater, \$78,720.00.
- (H) Eaton & Smith, San Francisco, \$82,197.60.
- (I) Young & Son Co., Ltd., Berkeley, \$83,525.00.
- (J) Chas. L. Horney, San Francisco, \$83,688.40.
- (K) Rock & Gravel Trucking Co., Oakland, \$89,081.80.
- (L) Guy F. Atkinson Co., San Francisco, \$89,814.00.
- (M) Johnson Rock Co., Stockton, \$94,976.00.
- (N) A. Teichert & Son, Inc., Sacramento, \$99,446.00 Unit prices follow:

- (1) 10 acres clear and grubb right of way;
- (2) 810 M. gals. water;
- (3) 210,800 c.y. roadway excavation, without classification;
- (4) 2,300,000 sq. yds. overhaul;
- (5) 1,100 c.y. struc. excav.;
- (6) 82 sta. finishing roadway;
- (7) 20 tons liq. asph., SC-1A (prime coat);
- (8) 50 tons liq. asph., 90-95 (armor coat);

- Total bids follow:
- (A) Granfield, Farrar & Carlin, 67 Hoff St., San Francisco, \$63,943.
- (B) Piombo Bros. & Co., San Francisco, \$66,999.90.
- (C) Fredericksen & Westbrook, Lower Lake, \$67,831.50.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$175.00	\$100.00	\$200.00	\$242.00	\$300.00	\$300.00	\$500.00	\$120.00	\$280.00	\$500.00	\$750.00	\$375.00	\$350.00	\$250.00
(2)	.60	1.25	.85	1.00	1.50	1.10	1.50	1.80	1.00	1.50	1.50	.50	1.50	1.50
(3)	.20	.21	.23	.23	2.45	2.45	.27	.27	.26	.26	.27	.29	.29	.34
(4)	.002	.003	.003	.001	.003	.001	.004	.0024	.001	.0025	.0025	.003	.005	.0025
(5)	1.00	.80	1.25	.80	1.00	1.50	1.50	1.20	1.10	1.50	1.00	1.25	1.25	1.75
(6)	5.00	5.00	4.20	3.00	5.00	4.00	10.00	6.00	5.00	5.00	5.00	10.00	7.50	5.00
(7)	11.50	11.50	12.00	14.00	15.00	11.50	12.00	12.90	12.90	14.50	17.80	18.00	16.00	18.00
(8)	14.00	15.00	15.50	18.00	20.00	15.50	18.00	19.20	17.00	18.00	20.00	20.00	24.00	20.00
(9)	2.25	2.35	1.80	2.00	2.50	2.60	2.20	2.40	3.15	3.15	2.50	3.00	3.00	2.50
(10)	.07	.06	.05	.06	.06	.06	.10	.06	.06	.07	.06	.06	.07	.08
(11)	25.00	20.00	21.00	24.00	25.00	28.00	30.00	30.00	23.00	23.00	20.00	24.00	30.00	30.00
(12)	60.00	80.00	125.00	100.00	100.00	100.00	120.00	90.00	100.00	90.00	120.00	100.00	100.00	100.00
(13)	1.75	1.70	1.70	1.85	1.82	1.85	2.00	1.90	1.85	1.85	1.80	2.00	1.50	2.00
(14)	2.00	1.80	1.90	2.00	2.08	2.05	2.30	2.40	2.15	2.25	2.00	2.25	1.75	2.50
(15)	2.50	2.30	2.40	2.65	2.60	2.60	3.00	3.00	2.75	3.00	2.50	3.00	2.75	3.00
(16)	.20	.20	.20	.25	.30	.40	.40	.40	.30	.30	1.00	.35	1.00	.30
(17)	25.00	22.50	23.00	23.50	25.00	24.40	30.00	30.00	29.00	27.00	30.00	25.00	25.00	30.00
(18)	3.25	2.50	1.99	2.00	3.00	3.00	2.00	2.50	3.25	3.00	2.00	3.00	2.50	3.50
(19)	50.00	45.00	50.00	50.00	50.00	45.00	45.00	48.00	50.00	60.00	50.00	50.00	50.00	50.00

VENTURA COUNTY—GRADING & PAVING—(State)

VENTURA CO., Cal.—J. E. Haddock, Ltd., 357 N. Chester Avenue, Pasadena, and Crow Bros. Constr. Co., 5100 Alhambra Blvd., Los Angeles, at \$89,825.25, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 1.7 miles between La Cross and Oakview, Ventura Co., Calif.

- (1) 93 sta. clear and grubb;
- (2) 2,500 M. gals. water;
- (3) 810 c.y. remove exist. conc.;
- (4) 140,500 c.y. roadway excavation, without classification;
- (5) 1,100 c.y. struc. excav.;
- (6) 500 c.y. ditch and channel excavation;
- (7) 550,000 sta. yds. overhaul;
- (8) 22,600 sq. yds. preparing sub-9) 93 sta. finishing roadway; grade;
- (10) 24 tons liq. asph., SC-2 (prime coat);
- (11) 360 tons liq. asph., SC-2 (road-mix surf. treat.);
- (12) 29,000 sq. yds. preparing, mixing and shaping shoulders;
- (13) 4,250 c.y. class B portland cement concrete pavement;
- (14) 26,000 lbs. bar reinf. steel pave. and struc.;
- (15) 8,400 each, pave. dowels;
- (16) 82 c.y. Class A portland cement concrete struc.;
- (17) 230 lf. 8-in. CMP;
- (18) 560 lf. 24-in. CMP;
- (19) 180 lf. 36-in. CMP;
- (20) 320 lf. 6-in. steel pipe;
- (21) 230 lf. remove, clean and relay pipe culverts;
- (22) 790 lf. bank protection fence;
- (23) 16 each, spillway assemblies;
- (24) 22 each, culvert markers;
- (25) 40 each, guide posts;
- (26) 0.5 mile new property fence;
- (27) 6 each, drive gates.

- (B) Pearson, Minnis & Moody—\$91,797.00.
- (C) C. O. Sparks & Mundo Engrg. Co., Los Angeles—\$94,233.00.
- (D) Geo. R. Curtis Paving Co., Los Angeles—\$95,914.50.
- (E) Geo. J. Beck Co.—\$99,430.70.
- (F) Basic Bros.—\$99,744.60.
- (G) Claude Fisher Co., Ltd., Los Angeles—\$103,081.50.
- (H) Macco Const. Co., Clearwater—\$107,676.50.
- (I) Oswald Bros.—\$108,027.00.
- (J) C. R. Butterfield-Kennedy Co.—\$108,870.00.
- (K) Griffith Co., Los Angeles—\$110,417.50.
- (L) A. S. Vinnell Co.—\$119,100.00.
- (M) United Concrete Pipe Corp., Los Angeles—\$119,602.00.
- (N) Los Angeles Paving Co.—\$132,273.80.
- (O) Geo. K. Thompson & Co.—\$132,931.00 Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	\$17.25	\$14.00	\$20.00	\$25.00	\$20.00	\$14.00	\$20.00	\$50.00	\$25.00	\$20.00	\$15.00	\$20.00	\$30.00	\$47.00	\$70.00
(2)	1.10	1.25	1.25	1.00	1.25	.70	1.00	1.50	1.50	.85	1.20	.70	1.20	1.80	1.40
(3)	1.18	1.50	2.00	2.00	1.25	1.25	1.75	1.00	2.00	.95	1.75	1.35	1.50	1.85	2.00
(4)	.18	.19	.22	.23	.25	.26	.25	.275	.30	.32	.33	.38	.32	.39	.48
(5)	1.05	1.25	1.25	.90	1.00	1.00	1.50	1.00	1.25	1.10	1.00	.80	1.50	1.20	1.50
(6)	1.00	1.00	.60	.80	.75	.75	.75	.75	1.25	.75	.70	.80	.80	1.20	1.00
(7)	.005	.005	.006	.005	.005	.0025	.005	.001	.005	.004	.003	.003	.006	.01	.005
(8)	.10	.10	.10	.10	.10	.077	.11	.08	.09	.10	.10	.10	.10	.11	.08
(9)	10.00	5.00	10.00	7.00	5.00	6.00	10.00	5.00	8.00	5.00	5.75	6.00	6.00	8.40	10.00
(10)	9.25	9.00	10.00	9.75	10.00	9.00	9.00	14.00	15.00	10.00	10.00	9.00	15.00	12.60	9.00
(11)	8.15	8.00	8.00	8.50	9.00	8.00	8.00	10.00	9.00	8.00	8.00	8.00	10.00	9.25	7.50
(12)	.09	.07	.06	.07	.06	.06	.08	.10	.07	.065	.05	.08	.08	.06	.06
(13)	8.00	8.60	7.70	8.25	8.00	8.14	9.00	8.00	8.00	8.50	8.70	8.80	8.60	8.85	7.80
(14)	.08	.07	.06	.05	.08	.0675	.07	.07	.06	.075	.07	.09	.08	.07	.05
(15)	.13	.15	.15	.135	.12	.125	.13	.12	.13	.13	.15	.15	.11	.14	.12
(16)	24.00	22.00	25.00	30.00	24.00	22.00	22.00	20.00	25.00	25.00	20.00	30.00	30.00	24.00	20.00
(17)	.25	.30	.60	.30	.30	.14	.40	.25	.40	.35	.30	.20	.60	.30	.40
(18)	.40	.75	1.00	.60	.60	.42	.50	.50	.50	.50	.60	.50	1.00	.50	.60
(19)	.80	1.00	1.00	.75	.60	.63	.60	.60	.75	.90	1.00	.65	1.20	.90	.80
(20)	.65	.60	1.00	.60	.60	.70	.50	.60	.75	.75	.90	.80	1.00	1.10	.80
(21)	1.00	1.00	1.00	.60	1.00	.80	1.00	.75	1.00	1.00	1.00	.80	.50	.90	1.20
(22)	6.50	5.00	5.00	4.00	7.00	10.77	5.00	11.00	6.00	6.00	5.50	6.00	12.00	8.20	5.80
(23)	7.50	6.00	5.00	6.00	7.50	10.00	12.50	4.00	5.00	7.50	6.00	6.50	5.00	6.60	5.00
(24)	3.00	1.50	3.00	3.00	2.00	2.50	3.00	2.50	2.50	3.00	3.00	2.00	3.00	3.30	2.50
(25)	3.00	1.50	3.00	2.50	2.00	2.00	2.50	2.50	2.50	2.00	3.00	1.80	3.00	3.00	2.50
(26)	600.00	400.00	500.00	500.00	500.00	500.00	600.00	800.00	500.00	550.00	600.00	500.00	500.00	750.00	600.00
(27)	30.00	20.00	25.00	18.00	18.00	20.00	20.00	18.00	20.00	25.00	20.00	25.00	20.00	50.00	18.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other P ublic agencies.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Feb. 15 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 08 Post Office Bldg., Sacramento, under Bid No. 1105-38-201 for furnishing miscellaneous castings, etc., including one counter shaft for cutter engine; one counter shaft pinion; one dredge impeller shaft; one dredge cutter shaft; one lot propellers for the dredges "Pit" and "Rio Vista"; one lot miscellaneous iron castings; and one lot miscellaneous bronze castings. Specifications obtainable from above office. *

FORT LEWIS, Wash.—Until Feb. 7, 10 A. M., bids will be received by the Quartermaster, Major O. W. Humphries, Fort Lewis, Wash., under Bid No. 488-38-32, for one steam heating boiler for low pressure steam heating, with pipes, valves, tees, elbows, etc., ready for complete installation, Fort Lewis. *

FORT MASON, Cal.—Until Feb. 8, 10 A. M., bids will be received by the Quartermaster Supply Officer San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-227, for furnishing miscellaneous office supplies; fob Fort Mason, San Francisco. *

SACRAMENTO, Calif.—Until Feb. 15, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-202, for one spray; fob Rio Vista. *

FORT MASON, Cal.—Until Feb. 18, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-230, for 3000 lbs. of flat, nailless, cold rolled steel, zinc coated, galv. strapping; fob Box Factory, Fort Mason, San Francisco. *

FORT MASON, Cal.—Until Feb. 16, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-225, for furnishing wiping cloths, door mats, cotton waste, brushes, corrugated cans; f.o.b. Fort Mason, San Francisco, Calif. *

FORT MASON, Cal.—Until Feb. 23, 2 P.M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-233, for furnishing miscellaneous automobile and trucks parts; f.o.b. Commanding Officer, Philippine Quartermaster Depot, Manila, P. I. *

SACRAMENTO, Calif.—Until Feb. 18, 3 P. M., bids will be received by the U. S. Engineer, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows: *

BID NO. 1105-38-204: Galvanized corrugated steel, galv boiler plates and steel bars; fob Rio Vista; *

BID NO. 1105-38-205: Goggles and lens; fob Rio Vista; *

BID NO. 1105-38-206: 1000 lbs. hemp spun oakum; fob Rio Vista. *

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows: *

SCH. 2725—Corrosion-resisting steel inclined ladders for eastern yards and Puget Sound, Feb. 15.

SCH. 2732—Aluminum alloy for eastern and western yards, Feb. 15.

SCH. 2731—500 lbs. chrome-molybdenum steel for eastern yards; 800 lbs. corrosion and heat-resisting sheet steel for San Diego, Feb. 11.

SCH. 2737—25,000 ft. telephone cord for Sewall's Point and western yards, Feb. 15.

SCH. 2738—Fire extinguishers charges and fire extinguishing liquid for eastern and western yards, Feb. 15.

SCH. 2735—Motor driven precision lathe, tool room type, 9-inch, for Key Port, Wash., Feb. 15.

SCH. 2736—Bolts and nuts, steel and lag screws for eastern and western yards, Feb. 15.

SCH. 2744—Valves, rubber, pump, for eastern yards and Mare Island, Mar. 1.

SCH. 2736—Motor driven universal milling machine, light type and spares, for Mare Island, Feb. 15.

SCH. 2776—75,000 lbs. galv. flat sheet steel for eastern or western yards, Feb. 8.

SCH. 2763—Ball and roller bearings for eastern yards and Puget Sound, Feb. 15.

SCH. 2746—Dry and flashlight batteries for eastern and western yards, Mar. 1.

SCH. 2765—10 life rafts, special one-man size, light weight, 3 purpose, for San Diego, Feb. 21.

SCH. 2741—Paint thinner, volatile mineral spirits, for eastern and western yards, Mar. 1.

SCH. 2777—3000 padlocks for eastern or western yards, Feb. 8.

SCH. 2774—7000 ft. insulated electric cable, heat and flame resistant, armored, for Mare Island, Feb. 8.

SCH. 2741—One motor driven exhaustor type blower for eastern or western yards, Feb. 15.

SCH. 2748—Steel wire nails for eastern and western yards, Mar. 1.

SCH. 2782—200 discharge hose assemblies for Brooklyn; 300 do. for Mare Island; 50 do. for Puget Sound, Feb. 25.

SCH. 2772—Steel shapes for eastern and western yards, Feb. 21.

SCH. 2752—Rubber, packing for eastern and western yards, Mar. 1.

SCH. 2783—Ten surveying sextants for Mare Island, Feb. 25.

SCH. 2784—13 ship compasses for Sewall's Point; 10 boat compasses for Mare Island, Feb. 25.

SCH. 2759—Motor-driven milling machine for Puget Sound, Feb. 18.

SCH. 2795—One motor-driven drill press for San Pedro, Feb. 25.

SCH. 2773—Steel plate for eastern and western yards, Feb. 21. *

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows: *

FEBRUARY 15, 10 A. M.: BID NO. 5036: 137.5 cwt. carbon bisulphide; fob Madera. *

FEBRUARY 17, 10 A. M.: BID NO. 5037: Steel sheets and steel ridge rolls; fob Yolo County. *

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows: *

FEBRUARY 16, 10 A. M.: BID NO. 5041: Rental of one direct drive saw, equipped with 16-inch combination saw, 5-h.p. motor, 440 volt, 3 phase, 60 cycle; fob Sunset near Skyline Bldg., S. F.

FEBRUARY 17, 10 A. M.: BID NO. 5030: Douglas fir and redwood lumber; fob Bernal Bldg. and Folsom St., San Francisco; BID NO. 5032: 214 c.y. of creek run gravel; fob Concord; BID NO. 5033: 10,000 FBM Douglas fir lumber; fob Monte Rio; BID NO. 5038: Steel bars and reinforcing wire; fob Monte Rio; BID NO. 5039: Pipe culvert, & band couplers; fob Santa Rosa; BID NO. 5040: Rental of two dump trucks, gasoline driven, to be used for power loading; fob Soquel.

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 10 A. M.: BID NO. 5034: 40,000 gals. asphaltic emulsion; fob 19th Ave. and Nans Road, San Francisco; BID NO. 5035: Terrazzo marble aggregates; fob Larkin and Beach Sts., San Francisco; BID NO. 5042: 1000 sprinkler heads; fob Kern River Park, Bakersfield. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

FEBRUARY 18, 2 P. M.: BID NO. 5450: 1250 reams rag bond paper; fob Government Island; BID NO. 5452: 85 tons of sulphite writing paper; fob Government Island. *

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS (termites), \$50; 3050 58th Ave., Oakland; owner, Chas. W. Dyal, Prem.; contractor, C. V. Rogers, 3618 Hopkins St.; also struc. pest permit, \$100.

SGN, metal, \$20; 1723 Fruitvale SGN, electric, \$125; 5259 Foothill Blvd., Oakland; owner, Brose Drug Co., Prem.; contractor, Radiant Neon Displays, 786 22nd St.; also electric sign, \$100.

Section 435 1/2 P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Bid \$531,000 on Four Mare
Island Contracts

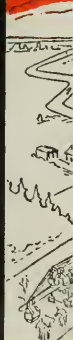
♦ ♦ ♦

Sarver & Zoss Low on San Pedro Station

♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

2
per t



Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH
Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., FEBRUARY 19, 1938

No. 8

\$531,000 BIDS ON FOUR NAVY PROJECTS HERE

Moore Dry Dock, Cory & Joslin, De Luca & Son, Schuler & McDonald Low

WASHINGTON, D. C., Feb. 16. —Low bids aggregating approximately \$531,000 were submitted to Navy Department officials here today on four contracts for work at Mare Island Navy Yard and the Alameda Naval Air Station.

De Luca & Son, Inc., San Francisco, was low bidder on Proposition One for construction of the Paint and Oil Storehouse at Mare Island, with a proposal of \$168,440. George J. Maurer, Piedmont, at \$179,300 was second low bidder.

For pumping and other equipment for the Mare Island drydock, Cory & Joslin, Inc., of San Francisco, submitted a low basic bid of \$159,500. Second low bidder on this contract was Fred J. Early, Jr., San Francisco, at \$176,000.

Moore Dry Dock Co. submitted a low basic bid of \$186,110 for construction of the steel caisson gate at Mare Island. Second low bidder was General Engineering & Dry Dock Co. at \$236,875.

For construction of temporary buildings at the Alameda Naval Air Station, Schuler & McDonald submitted a low proposal of \$16,977, with W. K. Van Bokkelen Construction second at \$17,209.

On the paint and oil storehouse, Van Bokkelen submitted a telegraphic deduction of \$9700 on his \$180,000 bid. If this is ruled allowable it will make him second low bidder at \$176,300.

Shipments of oil burners during 1937 amounted to 193,180 units, a decrease of 1.9 per cent from 196,877 burners for 1936, and an increase of 39 per cent over 138,899 burners for 1935, the Bureau of Census reports.

Orders for electrical goods taken in 1937 reached the second highest total in twelve years, according to the Bureau of Census. The highest total was reached in 1929.

AKIONA LOW ON ISLAND PROJECT

HONOLULU, T. H., Feb. 15. —Moses Akiona, Honolulu, today submitted a low bid of \$79,900 to Capt. H. B. Nurse, Constructing Quartermaster here, for construction of the post garage and parking area at Hickam Field.

Second and third low bids also were submitted by Honolulu contractors. They were: E. E. Black, who submitted a second low proposal of \$92,850 and Ralph Wooley, whose third low figure for the work amounted to \$94,200. Bids originally were scheduled for opening February 8, but the date later was postponed until today.

A.G.C. Delegates Approve S. F. for 1939 Convention

The Northern California Chapter, Associated General Contractors of America, had received word this week from Secretary-Manager Floyd O. Booe that the 1939 national convention of the association definitely will be held in San Francisco.

Mr. Booe, who attended the A. G. C. convention in Washington last week, wired that the choice of San Francisco as the 1939 convention city had been confirmed by the delegates. The choice was proposed at the fall board meeting last year.

The convention here next year will give visiting contractors an opportunity to witness the Golden Gate International Exposition. According to present plans, Mr. Booe indicated, the convention will be held here early in March, 1939.

Mr. Booe has been conferring with government officials and others concerning the Federal Aid highway fund situation and the Central Valley Project. He expects to leave Washington for California the latter part of the week.

SARVER & ZOSS BID SAN PEDRO GOV'T BUILDING

**L. A. Firm Low at \$351,600
For Harbor Immigration
Station**

WASHINGTON, D. C., Feb. 15. —Sarver & Zoss, Inc., Los Angeles, at \$351,600, today submitted the low bid to the Treasury Department, Procurement Division, for construction of a Federal Immigration and Naturalization Station at San Pedro.

The second lowest bid was submitted by John Strona, Los Angeles, at \$359,690.

William P. Neil of Los Angeles submitted the third lowest proposal of \$359,700.

The Montgomery Elevator Company, at \$9,070, was the low bidder for installation of elevators in the station. The second lowest bidder was Otis Elevator Company, at \$9,289.

Class A Building

The proposed building will be a Class A three-story and basement structure. Specifications call for a building 164 feet long by 93 feet wide.

Plans and specifications for the station were prepared under the direction of the Supervising Architect of the Treasury Department, Public Buildings Branch in Washington, D. C.

The \$351,600 low bid of Sarver and Zoss, Inc., was considerably lower than the estimated cost of approximately \$575,000.

Specifications call for reinforced concrete construction with concrete walls and floors. The structure will have a tile roof and exposed concrete exterior. Steel sash, metal trim and a heating system are called for also. The structure will house an office, waiting rooms, dormitories, detention rooms, a dining room and kitchen, and a recreation room.

A hospital ward will be constructed under the one roof also, it is announced.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
597	Bernhardt	Owner	4000
598	Gorman	Mills	5000
599-601	Kronquist	Properties	3000
602	Standard	Owner	2000
403	Barrick	Owner	1500
404	Finnila	Owner	1500
405	Gumpel	Stahl	3000
406-7	Hansen	Owner	4000
408	Stiavelli	Prog. Bldg.	1000
409	12 Galli	Owner	3500
413-15	Galli	Owner	3750
416	Johnson	Owner	50000
417	Nelson	Owner	3250
418	O'Donnell	Owner	1600
419	Oliva	Owner	3500
420	Oliva	Owner	3500
421	Warden	Owner	7500
422	Ashbury	Unit Constr.	9000
423	Bothin	Mattock	3000
424	Littman	Kramer	8000
425	Moran	O'Brien	2000
426	Morris	Owner	5000
427	Morris	Owner	5000
428	Allison	Owner	3500
429	Bank America	Owner	2600
430	Delaney	Owner	9500
431	Krohn	Owner	3800
432	Martin	Owner	12900

DWELLING

(597) E 17th AVE. 164 S Rivera.
One - story and basement frame dwelling.
Owner and Builder—Albert Bernhardt, 2406 22nd Avenue.
Architect—D. E. Jaekle, 126 Post St. \$4,000

ALTERATIONS

(595) SE SCOTT and Lombard Sts.
Alter apartment house.
Owner—E. Gorman, 605 Market St.
Contractor—Mills Construction Co., 605 Market Street. \$5,000
Architect—Not Given.

DWELLING

(599) N FARALLONES 55 E Capitol.
One - story and basement frame dwelling.
Owner—A. J. Kronquist, 919 Fell St.
Contractor—Properties Imp. Co., 919 Fell Street.
Architect—Not Given. \$3,000

DWELLING

(600) N FARALLONES 84 E Capitol.
One - story and basement frame dwelling.
Owner—A. J. Kronquist, 919 Fell St.
Contractor—Properties Imp. Co., 919 Fell Street.
Architect—Not Given. \$3,000

DWELLING

(601) N FARALLONES 113 E Capitol.
One - story and basement frame dwelling.
Owner—A. J. Kronquist, 919 Fell St.
Contractor—Properties Imp. Co., 919 Fell Street.
Architect—Not Given. \$3,000

ALTERATIONS

(602) SE SEVENTH AVE. and Lincoln Way. Alter oiling station.
Owner and Contractor—Standard Oil Co., 225 Bush Street.
Architect—Not Given. \$2,000

ALTERATIONS

403 1320 PAGE ST. Alter apta.
Owner—Cornelius Barrick, Prem.
Architect—Not Given. \$1500

ALTERATIONS

(404) 2284 MARKET ST. Alter baths and dwelling.
Owner—M. A. Finnila, Prem.
Architect—Not Given. \$1500

ALTERATIONS

(405) 2460 LYON ST. Alter dwelling.
Owner—Gustav Gumpel, Prem.
Contractor—Arthur J. Stahl, 1085 Monadnock Bldg.
Architect—Walter C. Clifford, 310 Locust. \$3000

DWELLING

(406) S. NIAGARA, 200 W DELA-NO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 2410 San Jose Ave.
Architect—L. Klein, Mill Valley. \$4000

DWELLING

(407) S. NIAGARA, 175 W DELA-NO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose.
Architect—L. J. Klein, Mill Valley. \$4,000

ALTERATIONS

(408) 4001 21ST ST. Alter dwelling.
Owner—H. Stiavelli, Prem.
Contractor—Progressive Bldg. & Construction Co., 231 Bosworth.
Architect—Not Given. \$1000

DWELLING

(409) W 21st AVE. 500 S Ortega.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLING

(410) W 21st AVE. 550 S Ortega.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLING

(411) W 21st AVE. 500 S Ortega.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLING

(412) W 21st AVE. 525 S Ortega.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLING

(413) W 21st AVE. 450 S Ortega.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,750

DWELLING

(414) NW 21st AVE. and Pacheco.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,750

DWELLING

(415) W 21st AVE. 475 S Ortega.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,750

APARTMENT HOUSE

(416) NW NINTH AVE. and Lawton. Three-story and basement frame apartment house.
Owner and Builder—Axel A. Johnson, 632 Belvedere.
Architect—Not Given.
Engineer—R. S. Chew, Mills Bldg. \$50,000

DWELLING

(417) N CORBETT AVE. 200 W Mars. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$3,250

ALTERATIONS

(418) 623 44th AVE. Alter dwelling.
Owner and Contractor—Neva C. O'Donnell, 627 44th Avenue.
Architect—Not Given. \$1600

DWELLING

(419) NE PERU and Naples. One-story and basement frame dwelling.
Owner and Builder—J. Oliva, 542 Vienna Street.
Architect—Not Given. \$3,500

DWELLING

(420) E PERU 25 N Naples. One-story and basement frame dwelling.
Owner and Builder—J. Oliva, 542 Vienna Street.
Architect—Not Given. \$3,500

FLATS

(421) E 17th AVE. 220 N Taraval. Two - story and basement frame flats.
Owner and Builder—Fred Warden & Son, 1209 Stevenson St.
Architect—C. O. Clausen, 746 46th Avenue. \$7,500

ALTERATIONS

(422) 2233 POST ST. Alter apta.
Owner—A. Ashbury, Prem.
Contractor—Unit Constr. Co., 557 Market St.
Architect—Not Given. \$9000

ALTERATIONS

(423) 513 FOLSOM ST. Alter factory.
Owner—Bothin Real Estate Co., 684 Mission St.
Contractor—A. F. Mattock Co., 212 Clara St.
Engineer—Norman B. Green, 55 New Montgomery St.
Architect—Angus McSweeney, 604 Mission St. \$3000

DWELLING

(424) N. GREEN, 68 W PIERCE ST. Two-story and basement frame dwelling.
Owner—Jullian F. Littman, 3 12th Ave.
Contractor—John E. Kramer, 1906 Steiner.
Architect—Farr & Ward, 68 Post St. \$9000

ALTERATIONS

(425) 1276 10TH AVE. Alter dwelling.
Owner—W. P. Moran, c/o Contractor.

Contractor—Lloyd O'Brien, 369 Pine St.
 Architect—Not Given. \$2000

DWELLING
 (426) N. MONTEREY BLVD., 197 W YERBA BUENA. One-story and basement frame dwelling.
 Owner—A. T. Morris & Sons, 5400 Fulton St.
 Architect—Not Given. \$5000

DWELLING
 (427) N. MONTEREY BLVD., 243 W. YERBA BUENA. One-story and basement frame dwelling.
 Owner—A. T. Morris & Sons, 5400 Fulton St.
 Architect—Not Given. \$5000

DWELLING
 (428) S KIRKHAM 90 W Funston Ave. One-story and basement frame dwelling.
 Owner and Builder—Ray Allison, 50 Turk Street.
 Architect—Not Given. \$3,500

ALTERATIONS
 (429) 429-33 CORTLAND Avenue. Alter bank.
 Owner—Bank of America, 1 Powell.
 Architect—L. Hedy, 625 Market St.
 Engineer—L. H. Nishkian, Underwood Bldg. \$2,600

DWELLING
 (430) NE SAN FELIPE 190 SE San Jacinto. Two-story and basement frame dwelling.
 Owner and Builder—Delaney & Wilson, 1343 22nd Avenue.
 Architect—Mark Daniels, 101 Post St. \$9,500

DWELLING
 (431) SW LAIDLEY 99 SE 30th St. Two-story frame dwelling.
 Owner and Builder—Walter E. Krohn 3921 19th Street.
 Architect—Not Given. \$3,800

APARTMENTS
 (432) N CALIFORNIA ST. 107 E Funston Avenue. Two-story and basement frame apts.
 Owner and Builder—Caroline Martin 3136 Geary Blvd.
 Architect—Not Given. \$12,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
36	Christen	Alexander	4000
37	Dallas	Owner	1500
38	Williams	Jensen	1500
39	Robertson	Owner	6000
40	Scherman	Spivock	4000
41	Gilmore Oil	Owner	1600
42	Same	Owner	1400
43	Goldsmith	Cone	9400
44	Ives	Owner	7400
45	Berk. Buddhist	Owner	3850
46	Du Puy	Du Puy	8000
47	Hall	Davis	3000
48	Pond	Pond	3500
49	Pond	Pond	4000
50	Pond	Pond	3500
61	Scottish Rite	Walker	58000
62	James	Johnson	5000
63	Eirstedt	Squires	3300
64	Radke	Johnson	4000

SERVICE STATION
 (636) 1600 CYPRESS ST., OAKLAND. One-story brick service station.
 Owner—Harry C. Christen, San Francisco.
 Contractor—Fred D. Alexander, 358 17th St.
 Architect—Not Given. \$4000

ALTERATIONS
 (637) 1126 HARVARD RD., PIEDMONT. Alterations.
 Owner and Contractor—Mrs. W. C.

Dallas, 1100 Sacramento St., San Francisco.
 Architect—Not Given. \$1,500

ALTERATIONS
 (638) 17 MESA AVE., PIEDMONT. Alterations.
 Owner—W. H. Williams, Lake Merritt Hotel.
 Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
 Architect—Not Given. \$1,500

DWELLING
 (639) 2401 94th AVE., OAKLAND. One-story 6-room dwelling.
 Owner and Builder—James Robertson, 2425 94th Ave., Oakland.
 Architect—Not Given. \$6,000

DWELLING
 (640) 1521 26th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Sol Scherman, 1538 26th Ave.
 Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
 Architect—Not Given. \$4,000

ALTERATIONS
 (641) 640 GILMAN, BERKELEY. Add dykes and alterations.
 Owner and Builder—Gilmore Oil Co., San Francisco.
 Architect—Not Given. \$1,600

SHED & DYKES
 (642) 640 GILMAN, BERKELEY. Shed and dykes for tanks.
 Owner and Builder—Gilmore Oil Co., San Francisco.
 Architect—Not Given. \$1,100

STORE BLDG.
 (643) 3167 COLLEGE AVE., BERKELEY. One-story 3-room store building.
 Owner—J. Goldsmith, San Francisco.
 Contractor—W. C. Cone, 608 16th St., Oakland.
 Architect—Not Given. \$6,400

DWELLING
 (644) 1291 ROSE ST., BERKELEY. One-story 5-room frame dwelling and garage.
 Owner and Builder—M. D. Ives, 1314 Rose St., Berkeley.
 Architect—Not Given. \$2,400

CHURCH
 (655) 1524 OREGON, BERKELEY. One-story 2-room church.
 Owner & Builder—Berkeley Buddhist Temple, 1708 Stuart.
 Architect—Not Given. \$3850

DWELLING
 (656) 30 ALVARADO RD., BERKELEY. Two-story 8-room dwelling and garage.
 Owner—Katherine G. Du Puy, 57 Tunnel Rd.
 Contractor—Fred K. Du Puy, 57 Tunnel Rd.
 Architect—F. H. Reimers, 233 Post St., San Francisco. \$8000

ADDITIONS
 (657) 1920 BERKELEY WAY, BERKELEY. Additions.
 Owner—O. Hall, 5640 Margarido Dr., Oakland.
 Contractor—C. H. Davis, 2154 Center.
 Architect—Not Given. \$3000

DWELLING
 (658) 3518 66TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Josephine K. Pond, 1056 Ardmore Ave.
 Contractor—C. P. Pond, 1056 Ardmore Ave.
 Architect—Not Given. \$3500

DWELLING
 (659) 3512 66TH AVE., OAKLAND. One-story 5-room dwelling.

Owner—Josephine K. Pond, 1056 Ardmore Ave.

Contractor—C. P. Pond, 1056 Ardmore Ave.

Architect—Not Given. \$4000

DWELLING
 (660) 3506 66TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Josephine K. Pond, 1056 Ardmore Ave.
 Contractor—C. P. Pond, 1056 Ardmore Ave.
 Architect—Not Given. \$3500

ALTERATIONS
 (661) 1547 OAK ST., OAKLAND. Alterations.
 Owner—Scottish Rite Temple, Frem.
 Contractor—E. J. Walker Co., Sharon Bldg., San Francisco.
 Architect—W. G. Corlett, Bank of America Bldg. \$58,000

RESTAURANT
 (662) 1045 SAN PABLO AVE., ALBANY. One-story 4-room frame restaurant and bar.
 Owner—Helen James, Madge Muelner, 1041 San Pablo Ave., Albany.
 Contractor—R. F. Johnson & Son. Plans by Pacific Fixture Co. \$5000

DWELLING
 (663) 2736 74th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Norman W. Eirstedt, 3507 14th Ave., Oakland.
 Contractor—C. R. Squires, 2621 Hopkins St., Oakland.
 Architect—Not Given. \$3,300
 Also 1-story garage, \$200.

DWELLING
 (664) 1906 106th AVE., OAKLAND. One-story 3-room dwelling.
 Owner—Albert Radke.
 Contractor—Elmer Johnson, 455 Oakes Blvd., San Leandro.
 Architect—Not Given. \$4,000
 Also 1-story garage, \$250.

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
254	Sisters	Knittle Bros	3891
255	Littman	Kramer	8523
256	Moore	Smith	795

HEATING PLANT
 (254) 771 ASHBURY ST. Grading, and concrete, work, piping, radiators, furnace, oil tank, etc., for steam heating plant in residence and chapel.
 Owner—Sisters of Perpetual Adoration of the Blessed Sacrament.
 Architect—John J. Foley, 770 5th Ave.
 Contractor—Knittle Brothers.
 Filed, Feb. 10, '38. Dated, Feb. 4, '38.
 Monthly payments of..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$3,891.00
 Bond, \$3891. Sureties, Standard Accident Ins. Co. Limit, 30 days. Plans and specifications filed.

DWELLING
 (255) N. GREEN ST., 68 W PIERCE ST. Two-story and basement frame dwelling.
 Owner—Mr. and Mrs. J. F. Littman, 3 12th Ave.
 Architect—Farr & Ward, 68 Post St.
 Contractor—John E. Kramer, 1906 Steiner St.
 Filed Feb. 15, '38. Dated Feb. 11, '38
 Frame work complete
 Plastering complete
 Completion
 Usual 35 days.
 TOTAL COST, \$8523.00
 Bond, \$8523. Surety, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

CLEAN AND PAINT BLDG.
(256) 233 PINE ST. Clean and paint building.
Owner—J. M. Moore, Inc., 1000 Merchants Exchange Bldg.
Contractor—J. Z. Smith, 666 Mission. Filed Feb. 15, '38. Dated Feb. 11, '38. Payments not specified.
TOTAL COST, \$785.00

BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner	Contractor	Amt.
154	Scottish Rite	\$6875

RECONSTRUCT WALLS
(154) 1547 OAK ST., Oakland. Reconstruction of walls.
Owner—Scottish Rite Temple Assn. Architect—Will G. Corlett, Oakland.
Contractor—P. J. Walker Company. Filed, Feb. 9, '38. Dated, Jan. 27, '38. 10th of each month,90%
Usual 35 days,10%
TOTAL COST, \$58,685.00
Limit, 120 days. Plans and specifications filed.

ELECTRICAL WORK
(155) 241-57 WAYNE AVE., Oakland. Electrical work.
Owner—M. B. Skaggs.
Architect—F. Soderberg, 276 Kirkham St., Oakland.
Contractor—H. H. Clifford. Filed, Feb. 11, '38. Dated, Jan. 12, '38. Roughing in complete before plastering\$2000
Roughing in complete after plastering2000
Completion1100
Usual 35 days,1700
TOTAL COST, \$6800.00
Plans and specifications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER apt. house, \$850; 2518 Octavia St.; owner, Marshall Smith, 2517 Octavia St.
GARAGE, frame, \$100; rear 118 College Ave.; owner, J. M. Rossi, premises.
SIGN, electric, \$200; 2955 Clement; owner, Brilliant Cleaners, 2955 Clement St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
SIGN, electric, \$120; 800 Potrero Ave. owner, A. K. Soderberg, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER office, \$90; 1175 Market St.; owner, Economy Meat Co., 1175 Market St.
SIGN, electric, \$260; 152 Geary St.; owner, Canadian Pacific Ry., 152 Geary St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER store, \$500; 1338 Mission St.; owner, Smith News Co., 161 Tehama St.
ALTER billiard parlor, \$500.00; 1552 Stockton St.; owner, Jas. Clento, 1729 Stockton St.
ALTER dwelling, \$450; 1278 Tenth Ave.; owner, Chas. C. Vickerson, c/o contractor; contractor, A. L. Thulin, 63 Brady St.
SIGN, electric, \$200; 1030 Hyde St.; owner, Cardine Creamery, 1030 Hyde St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
FLUE, \$20; 2847 Army St.; owner, Martin Nelson, premises; contractor, Precita Sheet Metal Wks 3119 Harrison St.
SIGN, electric, \$25; 300 Montgomery; owner, ABC Cigar Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$75; 150 Sansome St.; owner, C. H. Ray, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER apts., \$350; 2729 Lombard St.; owner, Pauline Dubost, 1639 Washington St.
ALTER store, \$110; 975 Grant Ave.; owner, Tom Chong, prem.; contractor, Wong Non, 45 Spofford Alley.
ALTER flats, \$250; 2964 Pierce St.; owner, Laclerque, prem.; contractor, Calif. Terrazzo Co., 2085 San Bruno Ave.
FLUE, \$35; 1739 8th Ave.; owner, Mrs. Peacock, premises; contractor, Empire Htg. Co., 2707 Geary.
GARAGE, frame, \$1500.00; rear 1490 Francisco St.; owner, M. Dragan, premises.
SIGN, electric, \$900; 749 Market St.; owner, The Apostolic Faith, 749 Market; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER dwelling, \$800; 149 Joost Ave. owner, Geo. Nichaljevic, prem.
ALTER shop, \$158; 1730 Sutter St.; owner, A. C. Wacker, premises; contractor, A. E. Parker, 116 Granadina Ave.
FLUE, \$10; 25 Uranus Ter.; owner, E. D. Scott, premises.
SIGN, electric, \$25; 300 Montgomery; owner, ABC Cigar Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
BILLBOARD, \$7; W San Jose 30 N Alemany; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
ALTER club, \$600; 2011 Lyon St.; owner, Russian Veteran Society, 2041 Lyon St.
ALTER office, \$900; NE Wallace and Keith St.; owner, F. C. Amoroso, Prem.; contractor, F. C. Amoroso & Sons, Wallace and Keith.
ALTER dwelling, \$500; 2322 Larkin St.; owner, G. Nestor, Prem.; contractor, R. Foliotti, 200 Cervantes Blvd.
ALTER dwelling, \$150; 1555 Masonic Ave.; owner, Ernestine Schwartz, Prem.
ALTER restaurant, \$150; 534 Geary St.; owner, Frank Rolfo, Prem.
SIGN, metal, \$25; 968 Market St.; owner, G. Rosenberg, Prem.
SIGN, electric, \$100; California and Scott Sts.; owner, Union Oil Co. Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER store, \$400; 2215-17 Union St.; owner, Kathleen E. Fawcett, 519 Pine St.
ALTER dwelling, \$125; 328 16th Ave.; owner, A. Bruder, Prem.; contractor, Adam Arras, 4008 18th St.
SIGN, electric, \$90; Pt. Lobos and 48th Ave.; owner, Standard Stations, Inc., Prem.; contractor, El. Prod. Corp., 910 Harrison St.
ALTER day shelter, \$150; 325 Minna St.; owner, R. C. Archbishop of S. F., 1100 Franklin St.; contractor, Barrett & Hilp, 918 Harrison Street.
FLUE, \$20; 2400 Larkin St.; owner, Mr. Ratto, Prem.; contractor, A. Ramazzotti, 1473 Vallejo St.
BILLBOARD, \$7; SW Clement and 20th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, \$500; 625 29th Ave.; owner, E. Zarzy, c/o Contractor; contractor, Barrett & Hilp, 918 Harrison St.
ALTER dwelling, \$400; 1258 12th Ave.; owner, Mrs. D. Pucci, Prem.; contractor, Howard Fay, 823 Shrader St.
ALTER warehouse, \$400; SW Dore and Howard Sts.; owner, Arrow Elec. Co., Prem.; contractor, E. A. Rosemont, 176 Duboce St.
ALTER dwelling, \$450; 98 Harrington St.; owner, E. Pasqualetti, Prem.

GARAGE, frame, \$60; SW Teddy, 375 SE Elliott; owner, Bertha Casarsa Sorrento, 333 Teddy St.

ALTER office bldg, \$150; 68 Post St.; owner, Holmes Investment Co., 68 Post St.; contractor, Phoenix-Simpton Co., 520 Sixth St.
ALTER warehouse, \$300; 200 Pacific Ave.; owner, American Investment & Realty Co., c/o contractor; Contractor, Phoenix-Simpton Co., 520 Sixth St.; plans by Norman B. Green, 55 Montgomery St.
SIGN, electric, \$100; 1274 Mission St.; owner, F. Coorscraft Carpet Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER restaurant, \$900; 225 Church St.; owner, Harry Wesch, Prem. contractor, Mullen Mig. Co., 6 Rausch St.
ALTER dairy, \$900; 2042 Fillmore St.; owner, Geo. Christopher, 131 Erie St.; contractor, Ed. Rosemont, 176 Duboce St.
ALTER dwelling, \$150; 21 Allison St.; owner, Ed. So. Belle, Prem.
SIGN, electric, \$100; 1550 Union St. owner, Union Garage, Premises contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, \$350; 2001 Market St. owner, Kresteller, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$200; 2356 Mission St.; owner, Hub Clothiers, Premises; contractor, Western Neon Light Co., 75 Fremont St.
BILLBOARD, \$13; NE Market and Polk; owner, Foster & Kleiser, 1675 Eddy St.
ALTER church, \$350; 1552 Webster St.; owner, Church of God 1 Christ, 1637 Pierce St.
SIGN, electric, \$150; 3079 16th St. owner, Bill and John's, Premises contractor, Brumfield, 965 Folsom St.
SIGN, electric, \$250; 2001 Market St. owner, Kresteller, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$300; 2164 Chestnut St.; owner, R. McBlain, Prem contractor, Western Neon Light Co., 75 Fremont St.
ALTER dwelling, \$50; 818 46th Ave. owner, A. E. Crump, 1050 Potrero St.; contractor, Arthur B. Stearns, Prem.
ALTER flats, \$400; 2385 Bryant St. owner, J. W. Gunn, Prem.; contractor, Wm. Henry Steel, Ltd. 512 2nd St.
ALTER dwelling, \$50; 1915 Ellis St. owner, M. Britton, Prem.
SIGN, electric, \$190; 1794 Haight St. owner, J. Morrow, Prem.; contractor, Brumfield, 965 Folsom St.
SIGN, electric, \$450; 1525 Union St. owner, Independent Ice Cream Creamery, Prem.; contractor, I Prod. Corp., 910 Harrison St.
BILLBOARD, \$13; SE Van Ness and Filbert; owner, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, \$200; 1051 Valencia; owner, National Lead Co., 10 Valencia; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER flat, \$100; 268 Clara St. owner, T. Garrett, 864 Folsom St.
ALTER flats, \$150; 1579 Hyde St. owner, Edward T. Horgan, premises; contractor, Pacific Terrazzo Co., 2144 Lombard St.
ALTER flats, \$190; 836-40 Haigh; owner, C. H. Miller, c/o contractor; contractor, A. L. Thulin, Brady St.
ALTER dwelling, \$300; 15 Rosewood Drive; owner, H. Grant, prem contractor, J. F. Linder, 617 M raga St.
FLUES, \$60; 5 Columbus Ave.; owner, Crosetti, premises; contractor, C. R. Smith & Son, 4057 13 Street.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Conds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Warehouses & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Janits |

1—APARTMENTS

Contract Awarded
ALTERATIONS Cost, \$6,000
SAN FRANCISCO. SE Scott and Lombard Streets.
 Alterations to apartment house.
 Owner—E. Gorman, 605 Market St.
 Architect—Not Given.
 Contractor—Mills Constr. Co., 605 Market St. 1

Plans Completed
APARTMENTS Cost, \$50,000
SAN FRANCISCO. NW 9th Avenue and Lawton St.

Three-story frame and stucco apt. building (48 rooms, 18 apts.), with concrete and steel basement, tile trim, asphalt roofing, tile baths and kitchens, hardwood floors, steam heating, refrigeration, ranges and furnishings, overhead garage doors, fan ventilating system for baths, electric passenger elevator.
 Owner and Builder—Axel A. Johnson, 632 Belvedere St., San Francisco.
 Architect—Not Given.

Construction will start shortly.
Contract Awarded
ALTERATIONS Cost, \$10,000
SAN FRANCISCO. 2233 Post Street.
 Alterations to apartment house.
 Owner—A. Ashbury, premises.
 Architect—Not Given.
 Contractor—Unit Const. Co., 557 Market Street. 1

4—FACTORIES & WAREHOUSES

Additional Sub Contracts Awarded
WAREHOUSE Est. Cost, \$25,000
SAN FRANCISCO.

One-story and mezzanine reinforced concrete warehouse (100 x 175 feet), composition roof, wood roof trusses, steel sash, etc.
 Owner—James C. Coughlin, 625 Brannan St.
 Engineer—Mack Perkins, 110 Sutter St.
 Contractor—Barrett & Hilp, 918 Harrison St.
 Mill Work—C. E. Reinhart & Co., 535 Tenth St.
 Glass—Crows Glass Co., 675 Golden Gate Ave.
 Finish Hardware—E. M. Hundley, 662 Mission St.
 Masonry—Wm. A. Rainey & Son, 323 Clementina St.
 Roofing—Alta Roofing Co., 976 Indiana St.
 Sheet Metal—Morrison & Co., 74 Duane St.
 Steel Rolling Doors—Kinnear Mfg. Co. of Calif., 361 Brannan St.
 Stairs—E. D. Philbrick Co., 41 Sheri-

dan St.
 Sub contracts previously awarded published Jan. 17.

Plans Completed
PACKING HOUSE Est. Cost, \$50,000
OAKLAND. Alameda Co., Calif. SW Second and Jackson Streets.
 Two-story reinforced concrete packing house (75x100-ft.) containing offices, coolers, smokehouses, etc. (composition roof, steel sash, insulation, etc.)
 Owner—Miller Packing Co., 218 2nd St., Oakland.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STA. Cont. Pr., \$8,500
WATSONVILLE. Santa Cruz Co.
 Steel service station and display building.
 Owner—Edward E. Kelly.
 Lessee—General Petroleum Co. Plans by Engr. Dept. of Lessee.
 Contractor—R. S. Friend, 309 Stanford St., Watsonville.

Sub Contracts Awarded
SERVICE STATION Cost, \$.....
BAKERSFIELD. Kern Co., Cal. Nile and Baker Streets.

Steel gasoline service station.
 Owner—Union Oil Co., 220 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—Willard K. Michaels, 600 Bernard St., Bakersfield.
Plumbing—Modern Plumbing Co., 400 Sonora St., Bakersfield.
Electric Wiring—Standard Electric, 2602 Chester Ave., Bakersfield.
Grading—C. W. Hartman, P.O. Box 1632, Bakersfield.
Lumber—Bakersfield Building Materials.

Plans Being Figured
GARAGE Cost, \$.....
LOS GASTOS. Santa Clara Co., Cal. Santa Cruz Street.

One-story reinforced concrete garage and store building with structural steel roof and concrete floors.
 Owner—Withheld.
 Architect—Edw. T. Foulkes, 357 12th St., Oakland.
 Plans are being figured by a selected list of contractors.
 Mark Bristol, 1038 McKinley Ave., Oakland, is figuring plans and desires sub-bids on all portions of the work.

7—FEDERAL BUILDINGS

LOW BIDDERS

MARE ISLAND. Solano Co., Cal.—Moore Dry Dock Co., Balfour Bldg., San Francisco, submitted low bid on Item 1, at \$186,110, to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for steel caisson gate with motor-operated pumps and piping for the Navy Yard, Mare Island, Cal. Spec. No. 8518.

Low bids follow:
 Moore Dry Dock Co., San Francisco—Item 1, \$186,110; Item 3, \$185,435.

General Engineering & Drydock Co., foot of Fifth Ave., Oakland—Item 1, \$236,875; Item (3) \$236,035.

BIDS OPENED
ALCATRAZ. Calif.—Pacific Electric Mfg. Corp., 5815 Third St., San Francisco, submitted low bid on Item

1, at \$28,962, to the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for erecting specified window guards on Buildings 67 and 82, U. S. Penitentiary, Alcatraz, under Spec. No. 56, Invt. 1286.

Complete bids follow:
 Pacific Electric Mfg. Corp., San Francisco—Item 1, \$28,962; Item 3, \$30,975; 135 days.
 Stewart Iron Co.—Item 1, \$32,417; 110 days.
 Southern Prison Co.—Item 1, \$36,250; 180 days.
 West Coast Wire & Iron Works, San Francisco—Item 2, \$18,990; 140 days.
 Star Ornamental Iron Works, San Francisco—Item 2, \$16,764; 150 days.
 Monarch Iron Works, San Francisco—Item 2, \$19,980; 120 days.

BIDS WANTED
PASADENA. Los Angeles Co., Cal.—Until March 11, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for plaster models at the U. S. Post Office at Pasadena. 7

Bonds Voted
HOSPITAL ADDN. Cost, \$.....
PALO ALTO. Santa Clara Co., Cal. Addition of four-story, 50-bed wing to the Palo Alto Hospital.
 Owner—City of Palo Alto (Winifred Kidd, City Clerk).
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.

On February 15, the City of Palo Alto voted bonds in the amount of \$75,000 to finance construction of the hospital addition.

BIDS WANTED

VENTURA. Ventura Co., Cal.—Until March 7, 10 A. M., bids will be received by the Ventura County Supervisors for a 100-bed tuberculosis hospital unit to be built two blocks north of the county hospital. It will be a reinforced concrete structure, and will house several wards, treatment and staff rooms, kitchen, laundry and a storage basement. Equipment will include an elevator. Estimated cost, \$125,000. Harold E. Burkett, architect, 468 E. Main St., Ventura. Plans obtainable from the architect upon deposit of \$15, returnable. Separate bids will be taken as follows: General work, painting, heating and ventilating, steam fitting and plumbing, electrical work, and built-in hospital equipment. 9

BIDS WANTED

DOWNY. Los Angeles Co., Cal.—Until March 1, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for lawn sprinkler system at the U. S. Post Office at Downey.
 Specifications and drawings obtainable from the above office. 10

PREPARING PLANS

BOULDER CITY. Nevada.—U. S. Bureau of Reclamation, Denver, Colorado, is preparing plans for an addition to the present school on the government reservation in Boulder City. It will probably be a reinforced concrete structure, containing a gym, auditorium, 1 classroom, laboratories, and a shop; estimated cost, \$50,000. It is expected that bids will be advertised in March. 7

CONTRACT AWARDED
SACRAMENTO. Calif.—Emil Hogberg, 666 Mission St., San Francisco,

at \$10,650 was awarded contract by the Construction Quartermaster, Sacramento Air Depot for the construction and completion of 3-ton U. S. Army Standard Natural Draft Incinerator at Sacramento Air Depot.

LOW BIDDERS

LOS ANGELES, Cal.—Montgomery Elevator Co., Moline, Ill., at \$9,070, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for installing one passenger elevator in the U. S. Immigration and Naturalization Station at Los Angeles.

Second low bid submitted by the Otis Elevator Co., Washington, D. C., at \$9,259.

Low Bidders

IMMIGRATION STATION

SAN PEDRO, Los Angeles Co., Cal. Reservation Point.

Three-story and basement, Class A Federal Immigration & Naturalization Station (164 x 93 feet), reinforced concr. walls and floors, tile roof, exposed concrete exterior, steel sash, metal trim, steam heating system to house office, waiting rooms, dormitories, detention rooms, dining room, kitchen, recreation room and hospital ward.

Owner—United States Government. Plans by Treasury Dept. Supervising Architect, Washington, D. C.

Low Bidder—Sarver & Zosa, Inc., 1015 W. 4th St., Los Angeles—\$351,600. Second and third low bids follow:
John Strona, L. A. \$359,690
William P. Niel, L. A. \$359,700

Low Bidders

GARAGE, ETC. Cost, \$.....
HICKAM FIELD, T. H.
Construction of the Post garage and parking areas.

Owner—U. S. Government (Capt. J. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the QM. General, Constructing Division, Washington, D. C.

Low Bidder—Moses Akiona, Honolulu, \$78,900.
Second and third low bids follow:
E. E. Black, Ltd., Honolulu \$92,850
Ralph Woolley, Honolulu \$94,200

Low Bidders

ALAMEDA, Cal.—Schuler & McDonald, Inc., 1719 16th St., Oakland, at \$16,977, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the following temporary buildings: Frame office building and steel garage at the Naval Air Station, Alameda, Cal.

Work includes concrete, steel and iron work, roofing and sheet metal work, carpentry and joinery, screens, plumbing, heating and electrical systems, and gasoline pump and tank; Spec. 8648.

Three low bids follow:
Schuler & McDonald, Inc., Oakland—\$16,977.

W. K. Van Bokkelen Construction, Oakland—\$17,209.

Dlawiddie Construction Co., San Francisco—\$17,479.

Low Bidders

STORAGE BLDG.

MARE ISLAND, Solano Co., Cal.
Construction of paint and oil storage building at the Navy Yard, Mare Island, Spec. 8595. Work includes wood piles, reinforced concrete construction, structural glass blocks, steel and iron work, built-up roofing, sheet metal work, metal doors and windows, marble work, and plumbing, heating and electrical systems.

Owner—U. S. Government, Bureau of

Yards and Docks, Navy Dept., Washington, D. C.

Bids were received on fourteen items, first four of which follow: (1) Work complete; (2) work complete, omitting bays indicated as X and Y in Alternate A; (3) work complete, omitting bay indicated as Z in Alternate B; (4) work complete, omitting bays indicated as X, Y and Z in Alternates A and B.

Three low bids on first four items follow:
De Luca & Son, Inc., 1745 Filbert St., San Francisco—Item 1, \$168,440; Item 2, \$154,440; Item 3, \$161,440; Item 4, \$147,440.

George J. Maurer Co., 50 York Dr., Piedmont—\$179,300; \$168,500; \$173,000 and \$160,000.

K. E. Parker Co., 135 South Park, San Francisco—\$179,600; \$165,750; \$172,900, and \$159,200.

MATERIALS APPROVED

SUSANVILLE, Lassen Co., Cal.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Susanville; George Goedhart, Chicago, Ill.: Oil burner, Enterprise Oil Burner Co. 7

MATERIALS APPROVED

LOS ANGELES, Calif.—Treasury Department approved the following building material and equipment awards for the construction of the jail, towers and walk at Los Angeles; Robert E. McKee, general contractors; Gas burners and oil burners, Nemec Combustion Engineers; angle radiator valves, Ohio Pattern Works & Foundry Co.; unit heaters, McQuay, Inc. 7

COMPLETE BIDS

PASADENA, Los Angeles Co., Cal.—Phoenix-Day Co., 729 Mission St., San Francisco, at \$578,000, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing special exterior lighting fixtures at the U. S. Post Office at Pasadena. Complete bids follow:
Phoenix-Day Co., S. F. \$578.00
Meierjohan - Metalcrafts -
Wengler, Inc., Cincinnati 625.00
Tri-State Elec. Co., Memphis 650.00
Mutual Metal Mfg. Co., Chicago 664.00
Chapell Mfg. Co., L. A. 710.00
The Benson Mfg. Co., Kansas City, Mo. 872.00
Missouri Steel & Wire Co., St. Louis 876.00
Beranek & Irwin, Los Angeles 948.00
The Reading Chandelier Wks Reading, Pa. 975.00
The Mayberg Co., L. A. 1,090.00
Cassidy Co., Inc., Long Island, N. Y. 1,230.00

BIDS WANTED

PORTLAND, Ore.—Until March 9, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing new counterbalanced doors, car gates, etc., for freight elevators Nos. 3 and 4, in the U. S. Post Office at Portland, Ore.

Specifications and drawings (if any) may be obtained from the above office.

Bids Rejected

REMODELING Cost, \$.....
PHOENIX, Arizona.
Remodel (including elevators) the U. S. court house, etc.
Owner—U. S. Government.
Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

All bids received Dec. 23 were rejected and plans will be revised and

work re-advertised at a later date.

MacDonald Const. Co., St. Louis, at \$138,628 submitted previous low bid.

BIDS WANTED

SAN DIEGO, Cal.—Until March 4, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for additional heating for hangar offices at the U. S. Coast Guard Air Station at San Diego.

Drawings and specifications (if any) may be obtained from the above office.

Sub-Contract Awarded

QUARANTINE STATION

Contract Price, \$15,700

HONOLULU, T. H.

United States Quarantine Station.

Owner—U. S. Government.
Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Contractor—MacDonald Const. Co., 3829 W Pine Blvd., St. Louis, Mo.
Electric Wiring—American Electric Const. Co., 462 Bryant St., San Francisco.

BIDS WANTED

KLAMATH FALLS, Oregon.—Until March 3, 10 A. M., bids will be received by the Bureau of Reclamation, Klamath Falls, for construction of a four-room residence for the Tule Lake division, Klamath project, located near Klamath Falls.

The residence will be a one-story building (28-ft. 8-in. x 30-ft.) of wood frame construction supported on concrete foundations. The roof will be covered with wood shingles over roof boarding; beveled siding on outside walls and inside floors will be vertical-grain fir flooring laid over building paper and subflooring; inside walls and ceilings will be covered with gypsum wallboard or 3 coat plaster on wood lath; complete plumbing and wiring systems to be installed.

Specifications and drawings may be obtained from the Bureau of Reclamation at Klamath Falls, Ore., or Denver, Colo.

Plans Approved

FEDERAL EXHIBIT BUILDING Cost, \$500,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Federal Exhibit building to house the Government exhibits.

Plans by U. S. Government, Procurement Division, Public Buildings Branch, Washington, D. C.

Consulting Architect—Timothy L. Pfeuger, 580 Market Street, San Francisco.

The Government approved final plans and bids will be asked about March 1.

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—Aqua Systems, Inc., 2443 Third Ave., New York City, at \$21,794, was awarded contract by the Construction Quartermaster, Sacramento Air Depot, for the construction and completion of an Air Corps Gasoline Fueling System at the Sacramento Air Depot.

LOW BIDDERS

MARE ISLAND, Solano Co., Cal.—Cory & Joslin, Inc., 50 Hawthorne St., San Francisco, submitted low bid on item 1 at \$159,500 to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for motor-driven pumps, piping, plumbing and air-conditioning apparatus for dry dock at the Navy Yard, Mare Island, Spec. 8516.

Low bids as follows:
Cory & Joslin, Inc., San Francisco,

em 1, \$159,500; Item 2, \$169,000; Item 3, \$158,800. Item 6, \$146,200.
 Fred J. Early, Jr., 363 Pine St., San Francisco: (1) \$176,000; (2) \$168,000.
 Anderson & Rowe, 45 Belcher St., San Francisco: (1) \$177,132; (2) \$179,000; (3) \$171,924.

BIDS WANTED

MARE ISLAND, Solano Co., Calif. Until Feb. 23, 11 a.m. (postponed from Feb. 16), bids will be received at the office of the Public Works Officer, U. S. Navy Yard, Mare Island, Cal., under Spec. No. 8661, for modernization of electric elevator. (Engineering No. 71, at the Navy Yard, Mare Island. Est. cost, \$3,500.

Work involves furnishing and installing the necessary equipment and safety devices to convert the electric elevator now installed from hand rope control to full automatic shaft button control. Specifications may be obtained from the commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order for \$5, payable to the Chief of the Bureau Yards and Docks.

CONTRACT AWARDED

LIVERMORE, Alameda Co., Cal.—William A. Miller Elev. & Machine Co., St. Louis, Mo., at \$7,223, awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for installation of an elevator in Infirmary Bldg. No. 2, at Livermore. 7

CLUB BUILDINGS

Contracts Approved

EMPLE Temple Cont. Pr. Approx., \$46,183
 ODI, San Joaquin Co., Calif. East Pine Street.

Two-story Class C Masonic Temple to contain lodge rooms and offices.

Owner—Lodi Masonic Lodge.
 Architect—Frank V. Mayo, 931 North Elderado St., Stockton.
 Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Contractor—C. Elves Totten, 40 South San Joaquin St., Stockton.

Lodi Plumbing & Heating Co., 119 Sacramento Street, Lodi, at \$4,100 awarded contract for heating and ventilating and at \$5,300 for plumbing work.

Sengstacken Electric, 218 W. Oak St., Lodi, at \$3,775 awarded contract for electric work.

The Grand Lodge Committee on Finance has approved the above contracts.

HOSPITALS

BIDS WANTED

VENTURA, Cal.—Until March 7, 11 a.m., bids will be received by the Ventura County Supervisors for a 100-bed tuberculosis hospital unit to be built two blocks north of the county hospital. It will be a reinforced concrete structure, and will house several wards, treatment and staff rooms, kitchen, laundry and a storage basement. Equipment will include an elevator. Estimated cost, \$25,000. Harold E. Burket, architect, 468 E. Main St., Ventura. * 9

February 11, 1938.

CONTRACT AWARDED

LOS ANGELES, Cal.—Peoples Roof Service, Fillmore, awarded contract by the Los Angeles County Supervisors, at \$23,447.88, for reroofing, with hexagonal type rigid asbestos shingles, 29 buildings at Olive View sanatorium. 9

BIDS WANTED

FORT McDOWELL, Calif.—Until March 7, 10:45 a.m., bids will be received by the Quartermaster, Fort McDowell, under Circ. Prop. 536-38-15, for furnishing and installing oil-burning range and storage tank in the station hospital, Fort McDowell, Calif.

Bids Wanted—To Close March 8, 10 A. M.

HOSPITAL ADDN. Cost, \$75,000
 FRESNO, Fresno Co., Calif.
 New kitchen, etc., at Fresno County General Hospital (reinforced concrete construction).
 Owner—County of Fresno.
 Architect—Allied Architects of Fresno, c/o Fred L. Swartz, Brix Bldg., Fresno.

Low Bidders
 SANATORIUM Cost, \$.....
 HILO, Hawaii
 Tubercular sanatorium.
 Owner—Puunaiile Home, Hilo.
 Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.
 Engineer—E. K. Wing, County Engineer.
 Low Bidder—Oda Const. Co., Honolulu, \$258,328.
 Second and third low bids follow:
 Isemoto Const. Co., Honolulu, \$271,246
 Glover Const. Co., Honolulu, 273,000

10—HOTELS

Plans Being Figured — Bids Close Feb. 28

ALTERATIONS & ADDITIONS

MORGAN HILL, Santa Clara Co., Calif. Skeel's Hotel.

General alterations and additions to hotel, including new store, taproom, bedrooms, baths, etc.

Owner—Harry Skeels, c/o Archt.
 Architect—Higgins & Root, Chester Root, Architect, Security Bldg., San Jose.

Plans are being figured by the following selected list of contractors:

William Kadke, 145 Sixth Street, Gilroy.
 Hanson Brothers, 5840 Mission St., San Francisco.
 G. M. Latta, 157 Rhodes Court, San Jose.
 Eriges Constr. Co., 1398 Lincoln Ave., San Jose.
 N. J. Nielsen, 201 S. Market St., San Jose.

**13—PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

PREPARING PLANS

TAFT, Kern Co., Calif.—Taft city engineer is preparing plans for proposed new city jail to be built in Taft. Financing will come from a bond issue to be submitted to the voters at the April election. 13

Bids Wanted—To Close March 8, 2:00 P. M.

AIR CONDITIONING Cost, \$.....
 SACRAMENTO, Calif.
 Air conditioning of the fifth floor only of the Library and Courts Bldg., and of Office Bldg. No. 1. Owner—State of California.
 Architect—Geo. E. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
 Plans and specifications obtainable from the architect's office upon deposit of \$25, returnable.

BIDS OPENED

SAN FRANCISCO.—Peter Sartorio, 369 Pine St., at \$2,158 submitted low bid to the Public Utilities Commission, City Hall, for alterations and garage for caretaker's house at Unigarsy Mound Reservoir, University

and Bacon Streets.

Other bids were:
 Frank J. Reilly Co., \$2,271
 Carlen Construction Co., 2,363

Contract Awarded

FIRE HOUSE Cont. Pr., \$5,146
 SAN BRUNO, San Mateo Co., Calif.
 One-story hollow tile building with concrete floor slabs, composition roof, steel sash, to contain a kitchen, showers, two dressing rooms, meeting hall and a truck room.

Owner—City of San Bruno.
 Architect—W. E. Huson, 475 24th Ave., San Francisco.

Contractor—De Luca & Son, Inc., 1745 Filbert St., San Francisco.

Complete bids follow:
 De Luca & Son, Inc., San Francisco—\$5,146.

Joseph Bettancourt, San Bruno—\$5,175.

Richard DeLucchi & Co., San Francisco—\$5,221.

Geo. Arthur & Sons, San Mateo—\$5,350.

Golden Gate Investment Co., San Francisco—\$5,500.

H. H. Smith, Daly City—\$6,400.
 M. Dickson, San Bruno—\$6,442.

Contract Awarded

PLASTERING Cont. Pr., \$37,750
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering of South Towers, South Court, etc., at the Exposition site; Contract No. 121.

Owner—S. P. Bay Exposition, Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Herman Bosch, 2075 Folsom St., San Francisco.

NOTICE OF SALE

SAN FRANCISCO.—Beginning at 10 A. M., Feb. 15, the Director of Property, Joseph J. Phillips, Rm. 375, City Hall, will sell at public auction the city-owned buildings located at the following addresses in San Francisco:

Two portable school buildings at the northwest corner of Dorland and Dolores Sts., adjoining Mission High School.

Building at 2117½ O'Farrell St.
 Building at 351 Second Ave.

SUB CONTRACTS AWARDED

PHOENIX, Ariz.—Del E. Webb Construction Co., 1633 W. Jefferson St., Phoenix, awarded the following sub contracts for construction of an addition to the Arizona State Capitol: Plumbing and Heating, M. M. Sundt Construction Co.; electric wiring, New State Electric Co. Orville A. Bell, Architect. * 13

Bid Call Cancelled
 PLASTERING Cost, \$.....
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, West Walls and Main Entrance at the Exposition site; Contract No. 132.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.
 Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., S. F.

Bid call for the above work scheduled to have been opened Feb. 28, 3 P. M., has been cancelled and will be called again at a later date.

Bids Wanted—To Close February 28, 3 P. M.

PLASTERING Cost, \$.....
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 General plastering in East Courts at the Exposition site; Contract No.

133.
Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.
Architect—San Francisco Bay Exposition Architectural Commission, 555 Bush St., S. F.
 Plans and specifications obtainable from the above office upon deposit of \$20.00.

BIDS WANTED
SIGNAL HILL, Cal.—Until Feb. 28, 3 p.m., bids will be received by the City of Signal Hill for remodeling and altering the city hall and construction of a jail in Signal Hill. Plans and specifications obtainable from Geo. H. Cooper, city clerk, upon deposit of \$2, returnable. Certified or cashier's check or bond for 5% required. Improvements will include the installation of one large tank and three double cells, also other additions and changes to the building. A. R. Walker and P. A. Eisen, architects, 708 Pacific Commerce Bldg., Los Angeles. * 13

BIDS WANTED
SAN FRANCISCO.—Until Feb. 23, 1:45 P. M., informal bids will be received by the Department of Public Works, Rm. 251, City Hall, for cleaning and applying two coats of Shasta lacquer to front, rear and vault of general office, Room 255, City Hall. Specifications obtainable from Superintendent of Bldgs., R. A. Chisholm, 484 11th St.

Bids Opened
STATE LIBRARY
SALEM, Marion Co., Oregon.
 Erection and completion of the Oregon State Library Building, including general constr. work, library stacks, heating and ventilating systems, electric wiring and light fixtures, plumbing work, including fixtures and accessories, fire lines, sprinkler system, elevators, etc., and the erection and completion of alterations and additions to the present Old Capitol heating plant including new boiler, new stack, heating trench, etc.
Owner—State of Oregon.
Architects—Whitehouse & Church, 619 Railway Exchange Building, Portland, Ore.
Low Bidder—L. H. Hoffman, 715 SW Columbia, Portland—\$712,941.
 Other bids were:
 Ross Hammond, Spalding Bldg., Portland—\$713,320.
 H. S. Hammond Engineering Co.—\$767,955.
 O. R. Wayman, Couch Bldg., Portland—\$775,959.

Bids Opened
CITY HALL
LAWDALE, San Mateo Co., Calif.
 NW Cor. El Camino Real and Jewell Ave.
 Complete exterior work only with no inside finish work for a one-story and basement frame City Hall Building to contain courtroom, city clerk's office, health department, police department, post office, jail and garage; the roof, stucco finish, wood sash, gas-steam radiators.
Owner—City of Lawndale.
Architect—Resing & McGulness, 438 Pine St., San Francisco.
Low Bidder—H. H. Smith, 2 Hillside Blvd., Daly City—\$11,516.
 Complete bids follow:
 H. H. Smith, Daly City—\$11,516.
 W. A. McLean & Co., San Francisco—\$11,617.67.
 W. C. Akard, San Francisco—\$11,720.
 Joel Johnson & Son, San Francisco—\$12,332.
 Frank J. Reilly Co., San Francisco

—\$12,367.
 Bids held under advisement.
 Bids for balance of work will be asked at a later date.

Plans Completed
AUDITORIUM Est. Cost, \$40,000
SAN ANSELMO, Marin Co., Calif.
 Recreation Park.
 Class A fireproof civic auditorium to lounge rooms, 2 meeting halls, kitchen, stage, dressing rooms, projection room, storage and balcony to seat 100; basement, lockers and showers.
Owner—City of San Anselmo.
Architect—Sam Heiman, 605 Market St., San Francisco.
 General bids will be asked when plans for financing are completed.

CONTRACT AWARDED
SAN FRANCISCO.—San Francisco Elevator Co., Inc., 860 Polson St., at \$1,947, awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 165, for furnishing and installing a sidewalk elevator of the plunger electric type in the General Office Bldg. of San Francisco Water Dept., 425 Mason St., including all plumbing, electrical work, screen enclosures, waterproof sidewalk door, safety gate, furring, cutting and patching up, painting work and all work incidental thereto.

Award Recommended
STATE LIBRARY
SALEM, Marion Co., Oregon.
 Erection and completion of the Oregon State Library Building, including general constr. work, library stacks, heating and ventilating systems, electric wiring and light fixtures, plumbing work, including fixtures and accessories, fire lines, sprinkler system, elevators, etc., and the erection and completion of alterations and additions to the present Old Capitol heating plant including new boiler, new stack, heating trench, etc.
Owner—State of Oregon.
Architects—Whitehouse & Church, 619 Railway Exchange Building, Portland, Ore.
Low Bidder—L. H. Hoffman, 715 SW Columbia, Portland—\$712,941.
 Award recommended low bidder on first basic bid providing for marble exterior.
 Bids were received as follows: (a) marble exterior, (b) sandstone exterior, and (c) limestone exterior.
 Complete bids follow:
 L. H. Hoffman, Portland, Ore., (a) \$712,941, (b) \$692,325, (c) \$658,896.
 Ross B. Hammond, Portland, (a) \$713,320, (b) \$688,396, (c) \$661,607.
 Herbert S. Hammond Engineering Co., Portland, (a) \$767,955, (b) \$740,000, (c) \$720,000.
 O. R. Wayman, Portland, (a) \$775,959, (b) \$748,455, (c) \$723,584.

BIDS OPENED
SAN FRANCISCO.—Mangrum, Holbrook & Elkus, Golden Gate Ave. and Hyde St., at \$6,843 submitted low bid to the Public Utilities Commission, City Hall, for finishing rooms in the first story of the Administration Building at San Francisco Airport.
 Work includes finishing the coffee shop and kitchen and adjacent closets; finishing refreshment room and passage and closet adjacent.
 Total bids follow:
 Mangrum, Holbrook & Elkus. \$6,834
 Mullen Mfg. Co. 6,956
 Braas & Kuhn Co. 7,332
 Fink & Schindler Co. 7,708
 L. & E. Emanuel, Inc. 7,910
 Peter Sartorio 9,883

BIDS WANTED
SAN FRANCISCO.—Until Feb. 23, 3 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for furnishing and installing duplex floor plugs for desks on 6th floor, changing feeder to the 4th and 5th floors, changing feeder to the 1st floor panel-board and providing a new panel-board for 5th floor, and increasing the capacity of 4th and 5th floor feeder fuse block in main switch-board at 425 Mason Street.
 Specifications obtainable from Rm. 701, 425 Mason Street.

14—RESIDENCES
Plans Being Figured—Bids Close
March 1, 3:00 P. M.
RESIDENCE Cost, \$9,500
SAN JOSE, Santa Clara Co., Calif.
 One-story frame and wood siding and brick veneer residence (7 rooms), shake roof, hardwood floors, tile baths, hot air heating system.
Owner—G. C. Glans, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Plans are being figured by a selected list of contractors.

Completing Working Drawings
RESIDENCE Cost, \$5,000
LOS GATOS, Santa Clara Co., Cal.
 One-story frame and stucco residence (5 rooms), shake roof, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Dennis, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Upon completion of plans general bids will be asked.

To Be Done By Day's Work
RESIDENCES Cost, \$6,000 each
SAN FRANCISCO, N. Monterey Blvd.
 W. Yerba Buena.
 Two one-story and basement frame residences.
Owner and Builder—A. T. Morris & Sons, 5400 Fulton Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, \$8,500
BERKLEY, Alameda Co., Calif.
 Alvarado Road.
 Two-story frame residence and garage.
Owner—K. G. Du Puy, 57 Tunnel Rd.
Architect—Fred H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 57 Tunnel Road.

Plans Being Prepared
RESIDENCE Cost, \$.....
KENTFIELD, Marin Co., Calif.
 One-story frame residence (8 rooms) steel sash, hardwood floors, tile baths, shake roof.
Owner—Whield.
Architect—Carl F. Gromme, Freitas Bldg., San Rafael.
 Plans will be figured by a selected list of contractors.

Plans Completed
RESIDENCE Cost, \$.....
SAN FRANCISCO, West Normandie Terr., bet. Broadway and Vallejo.
 Two-story frame and stucco residence (8 rooms), gas fired steam boiler, asphalt shingle roof, canvas walls, hardwood floors, tile baths, wood sash, garage.
Owner & Builder—Sharboro & Jorgensen, 207 Walnut Street, San Francisco.
Architect—John H. Ahnden, 822 3rd Ave., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, \$5,000
SAN FRANCISCO, 17th Ave. and

Rivera St.
One - story frame and stucco residence, hardwood floors, tile baths, wood sash, etc.
Owner & Builder—A. Bernhardt, 924 Taral St.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, \$5,000
SAN FRANCISCO. Brussels St. 90 N of Burroughs St.
One - story frame and stucco residence (5 rooms) hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Lorenz.
Architect—D. E. Jaekle, 126 Post St.
Contractor—A. De Benedetti & Son, 100 Brazil Ave.

Completing Working Drawings
RESIDENCE Cost, \$8,250
SAN LEANDRO, Alameda Co., Cal.
One - story frame and wood siding residence, shake roof, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Cast, c/o Archt.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Preparing Plans
RESIDENCE Cost, \$8,000
SAN FRANCISCO. Monterey Hts.
Two - story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.
Owner & Builder—Paul A. Wolter, Jr., 90 Ravenwood Drive, San Francisco.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco. * 14

Contract Awarded
RESIDENCE Cost, \$6,800
SAN FRANCISCO. Ingleside Terr.
One - story frame and brick veneer residence (5 rooms), hardwood floors, tile baths, wood sash, etc.
Owner—Lawrence Vond Borg.
Architect — Albert H. Larsen, 333 Kearny St.
Contractor—Elvin C. Stendell, 2143 Kirkham St.

Low Bidder
RESIDENCE Cost, \$.....
SAN FRANCISCO, Cal. Twin Peaks Terrace.

New residence.
Owner — George Christo, c/o Architect.
Architect — Masten, Hurd & Roeth, 442 Post St.
Low Bidder—Miller Construction Co., 3917 Mission St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, \$5,000
SAN FRANCISCO. Vistacion Valley.
One - story and basement frame and stucco residence (5 rooms) hardwood floors, tile baths, etc.
Owner and Builder—The Ruzg Co., 369 Pine Street.
Architect—A. H. Larsen, 332 Kearny Street. * 14

Plans Being Figured—Bids Close
March 4, 5 P. M. Cost, \$.....
SAN FRANCISCO. Chestnut St. and Montclair Terrace.
Three - story frame and stucco residence (10 rooms, 3 baths), composition roof, hardwood floors, tile baths, wood sash, gas heating system, etc.
Owner—W. P. Busher, c/o Archt.
Architect—G. A. Dailey, 210 Post St.

Plans are being figured by the following selected list of contractors:
D. B. Gladstone, 557 Market St., San Francisco.
G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
Moore & Madsen, 557 Market St., San Francisco.
A. F. Mattock Co., 212 Clara St., San Francisco.

Sub Contracts Awarded
RESIDENCE Cost, \$6,500
SAN FRANCISCO. NW San Marcos, 315 SW Santa Rita Ave.
Two - story and basement frame residence.
Owner—Chas. Masten, 442 Post St.
Architect—Masten & Hurd, 442 Post Street.
Contractor — H. Papenhausen, 595 Victoria St.
Roofing — Wm. J. Anderson, 3825 1/2 Army St.
Plumbing—Geo. Rehn, 1919 Mission St.
Electric Wiring—Galvin Bros., 1578 29th Ave.
Heating & Sheet Metal—Colan & Leoni Heating & Sheet Metal Co., 1060 Folsom St.
Glass—Hovious Glass Co., 4861 Mission St.
Brick and Stone Work—Wm. Heidenreich, 1250 10th Ave.
Lumber—Spring Valley Lumber Co., 2401 San Jose Ave.
Hardware—Palace Hardware Co., 581 Market St.
Painting—Reliable Painting Co., 3247 19th St.
Lathing and Plastering—H. R. Campbell, 110 Ashton St.
All of San Francisco. * 14

Completing Plans
RESIDENCES (6) \$5,000 to \$6,000 ea.
SAN FRANCISCO. 48th Ave., near Geary St.
Six one-story and basement frame and stucco residences (three 5-room, three 6-room); hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect — C. O. Clausen, 746 46th Ave.

To Be Done By Day's Work
RESIDENCE Cost, \$8,000
SAN FRANCISCO. E. 17th Ave, N Taraval.
Two - story and basement frame flats.
Owner & Builder—Fred Warden & Son, 1209 Stevenson.
Architect—C. O. Clausen, 746 46th Ave. * 14

Sub Contracts Awarded
RESIDENCE Cont. Pr., \$13,975
SAN FRANCISCO. Clarendon Ave.
Two - story frame and stucco residence (7 rooms), tile roof, hardwood floors.
Owner—J. F. O'Connor, c/o Archt.
Architect—H. G. Stoner, 251 Kearny.
Contractor—C. Lindberg, 1 Naylor St.
Roofing—Wm. J. Anderson, 3825 Army St.
Plumbing—Geo. Y. Morton, 618 Taraval St.
Heating and Sheet Metal—Colan & Leoni Heating & Sheet Metal Co., 1060 Folsom St.
Glass—W. P. Fuller & Co., 301 Mission St.
Iron Grille Work—Star Ornamental Iron Works, 227 Bay St.
Brick and Stone Work and Hollow Tile—A. Nelson, Inc., 242 Ocean Ave.
Grading & Foundations—Carl Frank Co., 305 Bocana St.
Lumber—Smith Lumber Co., 4th and Channel Sts.
Mill Work—Acme Mfg. Co., Inc., 345 Bayshore Blvd.
Painting—Otto Risip, 591 Munich St. All of San Francisco.

To Be Done By Day's Work
RESIDENCES Cost, \$4,000 each
SAN FRANCISCO. W. 21st Ave., S Ortega St.
One - story & basement frame dwellings.
Owner and Builder—R. F. Gall, 377 W. Portal Ave.
Architect—E. H. Denke, 1317 Hyde St. * 14

Sub Contracts Awarded
RESIDENCE Cost, \$7,500
OAKLAND, Alameda Co. 1834 Castline Road.
Two - story frame and stucco residence (7 rooms).
Owner — R. B. Bernard, 725 Warfield Ave.
Plans by R. A. Hutchison, 3433 Andover St.
Contractor—J. F. Frey, 4718 Congress Ave.
Plumbing—F. H. Roeber, 7826 Hillside St., Oakland.
Grading—J. Henry Harris, 2425 Valley St., Berkeley.
Lumber—Loop Lumber & Mill Co., Broadway and Blanding, Alameda.
Hardware—B. Simon Hardware Co., 803 Broadway, Oakland.
Lathing and Plastering—Fred Williams, 5329 Normandie Avenue, Oakland.
Concrete—M. Medis, 2427 Scenic Avenue, Oakland. * 14

Bids In—Held Under Advisement.
RESIDENCE Cost, \$.....
ROSS, Marin County, Calif.
Two - story frame and stucco residence (five rooms) composition roof, forced air heating system, wood sash, hardwood floors, etc.
Owner—Carl Risnik, c/o architect.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Announcement shortly.

Plans Completed
RESIDENCE Cost, \$.....
MARIN COUNTY, Calif.
One - story frame and wood siding residence (7 rooms), white and knotty pine in den and living room, hardwood floors, linoleum baths; brick terrace.
Owner—Withheld.
Architect—Fred Relmors, 233 Post St., San Francisco.
Plans will be figured shortly by a selected list of contractors.

Plans Completed
RESIDENCE Cost, \$8,250
SAN LEANDRO, Alameda Co., Cal.
One - story frame and wood siding residence (shake roof, hardwood floors, tile baths, wood sash, etc.)
Owner—Mr. Cast, c/o Architect.
Architect — Irwin M. Johnson, 2219 Seventh Ave., Oakland.
Plans will be figured shortly by a selected list of contractors. *

15—SCHOOLS

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal.—James Noon, 444 N Puente, Baldwin Park, awarded contract by the Alhambra Board of Education at \$27-780 for construction of a 4-classroom addition to the Fremont school. John Walker Smart, architect, 39 E Main St.; Alhambra. * 15

Bids Rejected
SCHOOL
PORTERVILLE, Tulare Co., Calif. Olive Street.
Reinforced concrete grammar school to contain eight classrooms, library and offices.
Owner — Porterville Grammar School District.
Architect — W. D. Coates, 626 Rowell Bldg., Fresno.
All bids received Feb. 11, at which time R. Hodgson & Sons, Porterville, at \$79,990, submitted low bid, have been rejected.

Contract Awarded
SCHOOL Cont. Pr., \$12,450
MADERA Co., Calif.
One - story frame and stucco school building; wood shingle roof.
Owner — Ashview Grammar School

District.
Architect—Fred L. Swartz, Brix Bldg., Fresno.
Contractor—R. W. Brown Construction Co., 118 S. K St., Madera.

Contract awarded on basis of addition of Alternates 1, 2 and 4 to contractor's base bid of \$11,887.
Second and third low bids follow:
L. Uebels, Ripon.....\$12,250
E. J. Denney, Madera.....12,433

Contract Awarded
KINDERGARTEN Cont. Pr., \$10,487
MERCED. Block 75, Cor. of L and 23rd Sts.

Construction of a kindergarten bldg. Owner—Merced Union Grammar Sch. District.

Architect—E. J. Kump, Rowell Bldg., Fresno.

Contractor—C. E. Cameron & Son, P.O. Box 244, Merced.
Liner & Allen, Merced, at \$11,025, submitted second low bid, and R. W. Brown Constr. Co., Merced, at \$11,830, submitted third low bid.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 23, 1:45 P. M. Informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing window guards at Fairmount School, Cheney Street between Randall and 30th Streets.

Specifications obtainable from Superintendent of Buildings, R. A. Chisholm, 484 11th Street.

LOW BIDDER

PASADENA, Los Angeles Co., Cal.—Wm. T. Loesch, 119 E. Union St., Pasadena, submitted low bid to the Pasadena Board of Education, at \$81,739, for construction of an addition to the physical education bldg. at the Wilson Junior High School. Frederick Kennedy, Jr., architect, 1041 E. Green St., Pasadena. 15

LOW BIDDER

ALHAMBRA, Los Angeles Co., Cal.—James Noon, 444 N. Puente, Baldwin Park, submitted low bid to Alhambra Board of Education, at \$27,400, for construction of a 4-classroom frame and stucco addition to the Fremont School, Alhambra. John Walker Smart, architect, 39 E. Main St., Alhambra. 15

LOW BIDDERS

LOS ANGELES, Cal.—Theodore A. Beyer Corp., Chamber of Commerce Bldg., submitted low general bid to Los Angeles Board of Education, at \$61,394, for construction of a classroom and auditorium building at the Fourth Street school. Other low bids were: Plumbing, A. H. Gallop, 5870 Woodlawn, \$3370; heating, Chas. E. Swank Co., 1707 Naud St., \$4766; painting, D. Zelinsky & Sons, Inc., 1438 E. 18th St., \$1900; electric wiring, Golden State Elec. Co., 1832 W. Washington Blvd., \$1950. Earl T. Heltschmid, architect, 808 Subway Terminal Bldg.; Paul Jeffers, mechanical engineer; Ralph E. Phillips, mechanical engineer. 15

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 23, 8 p.m. (bid opening date postponed from Feb. 21), bids will be received by the San Diego Unified School District for the construction of a girls' exercise and dressing room units at Point Loma High School, 2335 Chatsworth Blvd., San Diego; cost, \$35,000. Frank L. Hope, Jr., Architect, 1005 San Diego Trust & Savings Bldg. 15

BIDS OPENED

WHITTIER, Los Angeles Co., Cal.—Wm. T. Loesch, 119 E. Union St., Pasadena, submitted low bid to the

Whittier City School District, at \$85,000, for the construction of a new school building on the Lincoln site in Whittier. The bids were held under advisement. R. L. Warren, architect, 123 Emporium Bldg., Whittier. Other bids were: Lealie R. Wilson, \$86,973; Stark & Schmid, \$87,800; Contracting Engineers Co., \$88,843; O. T. Moore, \$38,886; T. P. Schultz, \$91,788; John C. Blystone, \$91,997; Archibald & Singleton, \$93,934; A. V. Van Tuyle, \$99,968. * 15

CONTRACT AWARDED

SAN FRANCISCO.—Inlaid Floor Co., 600 Alabama St., at \$98, awarded contract by the Dept. of Public Works, City Hall, for sanding and refinishing floor in Room No. 1, in Veterans' Bldg., War Memorial.

Bids Wanted — To Close February 28, 8 P. M.

BOILER HOUSE Cost, \$5,000
FOWLER, Fresno Co., Cal.

Frame boiler house,
Owner—Fowler Union High School

District.
Architect—Franklin & Kump, Jr., 202 T. W. Patterson Building, Fresno.

Sub Contracts Awarded
SCHOOL Cont. Pr., \$33,226
MADERA COUNTY, Calif.

New frame and stucco and stucco grammar school to contain three classrooms and auditorium (tile roofs, new toilets).

Owner—Rippanard School Dist., c/o Clerk, Madera.

Architect—F. L. Swartz, Brix Bldg., Fresno.

Contractor—R. W. Brown Constr. Co., 118 S. Kay St., Madera.

Plumbing, Heating and Sheet Metal—Art Stadille, 801 W. Yosemite Ave., Madera.

Electric Wiring—R. L. Stanfield, 912 Frost St., Madera.

Lathing and Plastering—W. F. Schmeldeberg, Fresno.

Bids Opened
AUDITORIUM Cost, \$.....
SAN MATEO CO., Calif. Bayshore

District.

One - story frame and stucco auditorium at the Bayshore School.

Owner—Visitation School District.
Architect—Thomas M. Edwards, 9

Geary St., San Francisco.

Low Bidder—Geo. W. Williams Co., 10 California Drive, Burlingame, \$15,995.

Complete bids follow:

G. W. Williams Co., Burlingame	\$15,995
J. E. Noonan, S. F.	16,700
Frank J. Reilly, S. F.	17,331
H. H. Smith, Daly City	17,475
Grant - Martinelli Const. Co., San Francisco	17,545
R. C. McLean & Co., S. F.	17,994
Chas. J. Pedersen, San Mateo	19,295

CONTRACT AWARDED

LOS ANGELES, Cal.—H. B. Nicholson, 435 Chamber of Commerce Bldg., awarded general contract by Los Angeles Board of Education, at \$61,375, for construction of a new classroom building at the Carpenter Avenue School, 3909 Carpenter Ave., North Hollywood. Walter E. Erkes, architect, 1214 Rives-Strong Bldg.; C. J. Derrick, 816 W. 6th St., structural engineer; Robt. Storms, 816 W. 5th St., mechanical engineer. 15

Contract Awarded
LABORATORY Cont. Pr., \$4,924
ALBANY, Alameda Co., Calif.

Completion of third unit of addition to Albany High School, consisting of chemics and physics laboratory.

Owner—Albany High School District.

Architect—Dragon & Schmidts, 2065 Alston Way, Berkeley.
Contractor—C. M. Teigland, 525 49th St., Oakland.

BOND ELECTION

WHITTIER, Los Angeles Co., Cal.—Whittier Union High School Dist. will hold an election March 22, at which time it is proposed to vote bonds in the sum of \$485,000 for rehabilitation of present buildings and construction of a new auditorium building at the Whittier High School. Approximately \$300,000 will be expended for the auditorium building, preliminary plans for which are being prepared by Architect Wm. H. Harrison, 1101 Architects' Building, Los Angeles. * 15

BIDS WANTED

EL MONTE, Los Angeles Co., Cal.—Until Feb. 25, 7:30 p.m., bids will be received by El Monte Union High School District for construction of a one-story frame library-cafeteria building and a one-story frame science building on South Tyler St., El Monte. Plans are available at office of the architects, Marsh, Smith and Powell, 508 Architects' Bldg., Los Angeles, or at office of school district upon deposit of \$20 for each building. Certified check or bond of 5% to accompany bid. * 15

LOW BIDDER

LOS ANGELES, Cal.—Brunzell & Jacobson, 2150 Princeton Ave., submitted low bid to Los Angeles Board of Education, at \$20,447, for construction of a 1-story cafeteria bldg. at the Ralph Waldo Emerson Junior High School, 1650 Selby Ave., West Los Angeles. Plans by architectural section of board; A. S. Nibecker, Jr., architect. 15

Complete Bids

SCHOOL
PORTERVILLE, Tulare Co., Calif.

Olive Street.

Reinforced concrete grammar school to contain eight classrooms, library and offices.

Owner—Porterville Grammar School District.

Architect—W. D. Coates, 626 Rowell Bldg., Fresno.

Low Bidder—R. Hodgson & Sons, 510 2nd St., Porterville, \$79,990.

Bids were received for (1) general work, with an alternate proposition (a) for omitting classroom No. 31; (2) plumbing and heating, and (3) electric work.

Complete bids follow:
General Work

R. Hodgson & Sons, Porterville—\$79,990; (a) \$75,665.

Trewhitt-Shields & Fisher, Fresno—\$80,491; (a) \$76,460.

F. C. Stoltz, Pacific Grove—\$82,900; (a) \$78,500.

R. Pedersen, Fresno—\$86,746; (a) \$82,240.

Plumbing and Heating
Victor J. Cox, 2820 Tulare Street, Fresno—\$10,649.

Scott Co., Inc., San Francisco—\$11,127.

E. A. Newman Co., Fresno—\$11,368.

Frank Hudson, Fresno—\$11,388.

W. H. Sewell, Porterville—\$12,508.85.

Electric Work
Electric Const. Co., 831 Fulton St., Fresno—\$4,745.

Robinson Electric, Fresno—\$4,776.

Riders Electric Shop, Porterville—\$4,900.

Collins Electric Co.—\$5,053.

American Electric Const. Co., San Francisco—\$5,083.

SUB CONTRACTS AWARDED

PHOENIX, Ariz.—Del E. Webb Constr. Co., 1633 W. Jefferson Street, Arizona, awarded the following sub

February 15, 1938.

contracts for construction of St. Mary's School, at Phoenix; Lescher & Mahoney, architects; Structural, Ornamental and Miscel. Iron—Allison Steel Mfg. Co. Reinforcing Steel—Truscon Steel Co. Masonry—Reed & Sandoz. Electrical Work and Fixtures—New State Electric. Painting—F. J. Seivert. Plumbing—W. F. O'Neil. Roofing and Insulation — Phoenix Roofing & Supply Co. Glazing, Steel Sash and Mill—Southwest Sash & Door Co. Metal Lockers, Vault Door, Blackboards—Person, Brooks, Steiner & Wist. Finish Hardware—O'Malley Lumber Co. 15

CONTRACTS AWARDED

LOS ANGELES, Cal.—Theodore A. Beyer Corp., Chamber of Commerce Bldg., awarded general contract by Los Angeles Board of Education, at \$61,444, for construction of a classroom and auditorium building at the Fourth St. School, 429 S. Hillview Ave. Contracts awarded as follows: Plumbing A. H. Gallop, 5870 Woodlawn, \$3370; heating, J. Herman Co., 1349 E. Vernon, \$5361; ptg., D. Zelinsky & Sons, Inc., 1438 E. 18th St., \$1758; electric, Golden State Elec. Co., 1682 W. Washington Blvd., \$1950. Earl T. Heitschmidt, architect, 808 Subway Terminal Bldg.; Paul Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer. 15

CONTRACTS AWARDED

DAVIS, Yolo Co., Cal.—E. P. Finnigan, 314 12th St., San Francisco, at \$6,072.90, awarded contract by the Regents of the University of California, Berkeley, for gym equipment for the gymnasium under construction at the University Farm, Davis. West Coast Linoleum & Carpet Stores, 2703 Mission St., San Francisco, at \$1,735, awarded contract for floor covering.

CONTRACTS AWARDED

DAVIS, Yolo Co., Cal.—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento, at \$21,645, awarded contract by the Regents of the University of California, Berkeley, for general construction of garage unit No. 3 (temporary mathematics - physics building), at the University Farm, Davis, Cal. M. R. Carpenter, 907 Front Street, Sacramento, at \$4,723, awarded contract for heating and plumbing, and Edward J. Lynch Electric Co., 2080 Sutter St., San Francisco, at \$1,656, awarded contract for electric wiring.

CONTRACTS AWARDED

BERKELEY, Alameda Co., Cal.—M. G. West Co., 117 Front St., San Francisco, at \$28,355, awarded contract by the Regents of the University of California at Berkeley for completion of library stacking and flooring, biology library, the Life Sciences Bldg.; and J. L. Davidson Co., Ltd., Los Angeles, at \$23,000, awarded contract for completion of library stacks and flooring, first, second and third tiers, stack room, University Library.

Low Bidders

SCHOOL NACHES, Wash. One-story brick veneer school bldg. Owner—Naches School District 121, D. H. Baker, Clerk. Architect—Walter Rothe, Liberty Bldg., Yakima, Wash. Low Bidder—West Coast Construction Co., Lloyd Bldg., Seattle—\$74,940. Hastorf Plumbing & Heating Co., Portland, at \$18,590, submitted low

bid for plumbing-heating, and Stewart Electric Co., Seattle, at \$11,897, submitted low bid for electric work.

Contract Awarded

SHOP BLDG. Cont. Pr., \$5,185 FOWLER, Fresno Co., Calif. Structural steel and wood frame agricultural shop building (composition roof, steel saah, concrete floors, stucco exterior). Owner—Fowler Union High School District.

Architect—Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno. Contractor—Ericson & Houie, Rt. 6, Box 540, Fresno. Complete bids follow:

Ericson & House, Fresno.....	\$5,185
Midstate Const. Co., Fresno.....	5,866
Harris Const. Co., Fresno.....	5,926
T. C. & W. H. Irwin, Fresno.....	6,028
R. W. Brown Const. Co. Madera	6,028
W. J. Ochs, Fresno.....	6,203
R. Hodgson & Sons, Porterville	6,250
Wm. Hopkins, Fresno.....	6,600

BIDS OPENED

SAN FRANCISCO.—Malott & Peterson, 2412 Harrison St., at \$20 submitted only bid to the Department of Public Works, City Hall, for laying mastipave in kitchen off of the teachers' lunch room (5x12-ft.) at Sunnyside School, Hearst Ave. bet. Foerster and Edna Streets.

BIDS OPENED

SAN FRANCISCO.—Bureau of Building Repair at \$1,611.56 submitted low bid to the Department of Public Works, City Hall, for general construction of the yard work at the Sheridan School, Capitol Avenue bet. Lobos and Farallones Sts.

Bureau of Bldg. Repair.....	\$1,611.56
C. C. W. & H. H. Haun.....	1,920.00
Eaton & Smith.....	1,985.00
Sibley Grading & Team. Co.,	1,990.00
Chas. L. Harney.....	2,200.00
E. J. Treacy.....	2,350.00

Sub Contracts Awarded

SCHOOL Cont. Pr., \$95,185 KERN Co., Calif. New 10-room brick and concrete elementary school building and cafeteria addition (brick facing, tile roof, wood partitions, metal lath, maple & linoleum-covered floors, steam heat, architectural terra cotta, insulation, staff work, steel windows, stucco, tile work, wall-board, waste moulds, waterproofing, plaster interior finish, etc.). Owner—Beardsley School District. Architect—Symmes & Willard, Stanton Willard, architect, 215 Haberfeld Eldg., Bakersfield. Contractor—Guy E. Hall, 4344 1/2 S. Arlington Ave., Los Angeles. Roofing—Robert Stone, 15 Kentucky St. Plumbing—Gundlach Plumbing and Sheet Metal Co., Ltd., 2324 Chester Ave. Electric Wiring—W. T. Drury, 615 19th St. Heating & Sheet Metal—W. M. Fisher, 2606 Chester Ave. Tile Work—Chas. L. Zink, Rt. No. 8, Box 310, 1713 Second St. Iron Grille Work—Jackson Iron Wks. Inc., Box 390, Huntington Park. Brick and Stone Work—4408 W. 61st St., Los Angeles. Lumber—Owens Parks Lumber Co., P.O. Box 740, Los Angeles. Painting—Peckham & Foster, 2420 G St. Lathing and Plastering—Alex Simpson, 610 V St. Linoleum—McNaul & Butler, 2231 Union Ave. All of Bakersfield, unless otherwise noted.

Plans Completed JUNIOR COLLEGE Cost, \$..... SAN MATEO, San Mateo Co., Calif. Peninsula Ave. and N. Delaware. First unit of new junior college (2-story fireproof science building). Owner—San Mateo Junior College & High School District. Architect—H. A. Thomsen, successor to George W. Kelham, 315 Montgomery St., San Francisco. Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco. Plans are now in Sacramento awaiting approval of State Division of Architecture. (9535) 1st report May 5, 1936; 7th Dec. 22, 1937. * 15

BOND ELECTION

SAUSALITO, Marin Co., Cal.—The City of Sausalito School District will vote Feb. 21 (postponed from Feb. 14) on a proposal to issue bonds in the amount of \$30,000, proceeds to finance reconstruction of the Central and South Schools. Preliminary Plans prepared by Architect Walter T. Steilberg, 1 Orchard Lane, Berkeley.

Plans Completed

ADDITION Cost, \$15,000 YUBA CITY, Sutter Co., Calif. One - story frame and stucco addition to the high school containing three classrooms (composition roof). Owner—Yuba City Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento. Plans will be forwarded shortly to the State Division of Architecture for approval.

Preparing Working Drawings

GYMNASIUM Est. Cost, \$10,000 LAKEPORT, Lake Co., Calif. One-story frame gymnasium at Clear Lake High School (composition roof, maple floors, no plumbing work). Owner—Clear Lake Union High School District.

Architect—John Essterly, Healdsburg and Santa Rosa.

10—BANKS, STORES AND OFFICES

Bids Opened

TIRE SHOP Cost, \$..... SACRAMENTO, Sacramento Co., Cal. Thirty-first and L Streets. Tire shop. Owner—Goodyear Tire Company. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento. Low Bidder—C. F. Unger, 2426 7th Ave., Sacramento, \$11,860. Only other bid submitted by H. W. Robertson, Sacramento at \$12,171.

PREPARING WORKING DRAWINGS

LOS ANGELES, Cal.—Archts. Myron Hunt and H. C. Chambers, 408 S. Spring St., Room 1215, are preparing working plans for a new building to be erected on the southeast corner of Wilshire Blvd. and New Hampshire Ave. for the Capital Co.; I. Magnin & Co., Lessee. It will be a 5-story and basement, Class A structure, 145x160 feet in area, with structural steel frame, reinforced concrete walls and floor and roof slabs, summer and winter air conditioning, marble and tile work, metal windows. Equipment will include four passenger and two freight elevators. It has not yet been determined what the street fronts of the building will be faced with. The building and equipment will cost between \$1,000,000 and \$1,500,000. Plans will be completed in about six weeks.

Bids Wanted—To Close Feb. 28, 4:00 P. M.
ADDITION Est. Cost, \$80,000
SAN JOSE, Santa Clara Co., Calif.
 Market and Santa Clara Sts.
 Addition of third story (100x200 ft.) to present two-story building, to be of steel and metal studs or steel and concrete construction; two new elevators.
 Owner—L. Hart & Sons, Prem.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Structural Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.

Bids are now being received on the balance of the work which includes carpentry, painting, electric wiring, plumbing, masonry, roofing, and heating and ventilating.
 As previously reported, R. Hellwig's Iron Works, 407 Vine St., San Jose, awarded contract for structural steel; Truscon Steel Co., 604 Mission St., San Francisco, awarded contract for stud walls, joists and trusses, and a Pacific Elevator & Equipment Co., 45 Rausch St., San Francisco, awarded contract for elevators.

Contract Awarded
ALTERATIONS Cost, \$1,500
SAN FRANCISCO, 16th and Valencia Streets.
 Alter store building into cocktail bar.
 Owner—Mr. E. Jaekle, 126 Post St., San Francisco.
 Contractor—A. Lindgren, 346 Lowell St., San Francisco.

Sub Contracts Awarded
TELEPHONE EXCHANGE BLDG. Cost, \$.....
SALINAS, Monterey Co., Cal. Pajaro St., bet. E. San Luis and Alisal.
 Two-story and basement steel frame and fireproof telephone exchange building, to house new central office equipment.
 Owner—Pacific Telephone & Telegraph Co. (N. W. Black, local manager).
 Contractor—Monson Bros., 475 Sixth St., San Francisco.
 Metal Doors and Windows—Fire Protection Products Co., 1101 16th St., San Francisco.
 Electric Wiring—Tice Elec. Shop, 479 Alvarado St., Monterey.
 Iron Work—Sartorius Co., 2530 18th St., San Francisco.
 Terra Cotta—Gladding McBean & Co., Harrison and 9th Sts., San Francisco.

Contract Awarded
STORE Cost, \$6,400
BERKELEY, Cal. 3167 College Ave.
 One-story, 3-room store bldg.
 Owner—J. Goldsmith, San Francisco.
 Architect—Not Given.
 Contractor—W. C. Cone, 608 16th St., Oakland. 16

PLANS BEING FIGURED
LOS ANGELES.—Until Feb. 23, 9 a.m., Architect Earl T. Heitschmidt, 808 Subway Terminal Bldg., is taking bids from a closed, selected list of contractors for a 1-story steel and concrete addition to the Wilshire Medical Bldg, 1930 Wilshire Blvd. It will have a floor area of approximately 3000 sq. ft. and will house a General Electric equipment sales room. 16

Plans Being Figured—Bids Close Feb. 21, 4 P. M.
ALTERATIONS & ADDITIONS Cost, \$.....
ALAMEDA, Calif. Central & Park.
 Alterations and additions to building.
 Owner—Commercial National Bank & Central Bldg. & Loan Assn.
 Architect—William E. Schirmer, Bk.

of Amer. Bldg., Oakland.
 Plans are being figured by the following selected list of contractors:
 F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
 Leslie E. Alley, 1621 Encinal Ave., Alameda.
 Harold E. Schenk.
 D. W. Nicholson, 357 12th Street, Oakland.
 Chris Hansen, Alameda.
 F. C. Stolte Co. desires sub bids on all portions of the work.

Contract Awarded
STORE BLDG. Cont. Pr., \$8,448
SAN JOSE, Santa Clara Co., Calif.
 Willow Glen, Coe and Lincoln.
 One-story frame store building (45x 85 feet), interior and exterior plaster.
 Owner—Geo. H. Cain, c/o Architect. Lessee—Safety Stores, Inc.
 Architect—Charles McKenzie, Twoby Bldg., San Jose.
 Contractor—M. W. Reese, 1210 Minnespita Ave., San Jose.
 Complete bids follow:
 M. W. Reese, San Jose.....\$8,448
 Henry A. Bridges, S. J..... 8,500
 Nielsen & Erbrant, S. J..... 8,595
 Dan Caputo, S. J..... 8,660
 F. C. Stolte, Alameda..... 8,730
 John Newell, S. J..... 8,730
 J. Dohrman, S. J..... 8,859
 Bert Ward & Son, S. J..... 8,898
 C. Bonham, Pomona..... 9,929

Completing Plans
REMODEL RESTAURANT Cost, \$.....
SAN FRANCISCO, 2050 Van Ness Ave.
 Remodel restaurant; redecorate, installation of new bar, booths, etc.
 Owner—Robert Grison, c/o Architect.
 Architect—Hertzka & Knowles, 369 Pine St.

17— THEATRES

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Cal.—Wesco Const. Co., 2000 Hyperion Ave. Los Angeles, awarded contract for the construction of a new one-story reinforced concrete Class A 800-seat theater on the site of the Nile Theatre, Bakersfield, for Clinton E. Wodden Co., San Francisco; Fox West Coast Theaters, lessee. Wilson, Merrill & Alexander, 714 Olympic Blvd., Los Angeles, architects. 17

18— WHARVES & DOCKS

BIDS WANTED
RICHMOND, Contra Costa Co., Cal.—Until Feb. 21, 3 p.m., bids will be received by the Richmond City Council, City Manager, City Hall, for the removal of a portion of ferry slip westerly and adjacent to south termination of Garrard Blvd., Richmond.
 Plans and specifications may be obtained from E. A. Hoffman, City Engineer, upon deposit of \$5.00.

BIDS OPENED
OAKLAND, Alameda Co., Calif.—Geo. M. Robinson & Co., 451 Folson St., San Francisco, at \$28,340, submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for a sprinkler system to be installed under the deck of the Ninth Avenue pier extension.
 Other bids were: Grinnell Co. of the Pacific, S. F., at \$29,621, and Rockwood Sprinkler Co., S. F., at \$30,740.

19—MISC. CONSTRUCTION

BIDS OPENED
EL CENTRO, Imperial Co., Cal.—Williams Bros. & Haas, 1104 Merchants Exchange Bldg., San Francisco, and Subway Terminal Bldg., Los Angeles, at \$36,551.57 (using copper conductor), submitted the applicant low bid to the Imperial Irrigation District, El Centro, for constructing about 112 miles of 33,000-volt transmission line in accordance with plans and specifications prepared by M. J. Dowd, Chief Engineer. The bids were:
 Williams Bros. & Haas—(1) copper, \$36,551.57; (2) ACSF \$37,303.62.
 V. R. Dennis Const. Co.—(1) \$38,022.35; (2) \$38,669.50.
 Bennett & Taylor—(1) \$39,616.10; (2) \$39,372.71.
 H. C. Bauerle—(1) \$43,761.33; (2) \$39,955.13.
 E. C. Nickel—(1) \$44,533.50; (2) \$42,376.
 Fritz Ziebarth—(1) \$46,605.95; (2) \$42,673.20.
 H. H. Walker—(1) \$68,148.55; (2) \$60,335.05. 19

CONTRACT AWARDED
SAN FRANCISCO—Healy-Tibbitts Constr. Co., 1 Drumm St., San Francisco, at \$995, submitted low bid and awarded contract by the Quartermaster, Fort Mason, under Bid No. 552-PQM-38-2, for piling at Piers 1, 2 and 3, Fort Mason. 19

CONTRACT AWARDED
LOS GATOS, Santa Clara Co., Cal.—Malott & Peterson, 2412 Harrison St., San Francisco, at \$5903, submitted low bid and was awarded contract by the Los Gatos Union High School District, Geo. F. Shaner, Clk., High School Bldg., for the construction of three Lay-Kold tennis courts, together with grading, fencing and posts and re-surfacing three old courts.
 Total bids follow:
 Malott & Peterson, S. F.....\$5903
 San Mateo Feed & Fuel Co., San Mateo 6120
 Grant & Hoffmann, Redwood City 6120
 19

BIDS OPENED
LOS ANGELES, Cal.—Signal Oil Co., 811 W 7th St., Los Angeles, submitted low bid to U. S. Engineer, Los Angeles, for furnishing and installing gasoline storage and pumping system complete at entrance of Santa Ynez quarry, near Santa Monica. Circ. Prop. 282. The work involves excavation for and furnishing and installing two 10,000-gallon gasoline underground storage tanks; one 2½-in. flow meter complete with strainers and air eliminators; four 1½-in. visible pump meters complete with strainers; one gasoline pumping unit consisting of gas engine connected to centrifugal pump; 4 gasoline hoses, 1½-in. dia., 14-ft. long; pipe, valves, fittings and static ground cables.
 R. D. Caley, Lynwood, submitted only other bid at \$3190. 19

BIDS WANTED
PORTLAND, Ore.—Until March 13, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Bldg., Portland, Ore., under Bid No. 695-38-35, for constructing and delivering one single screw Diesel driven dredge tender, afloat at Government Moorings No. 800 NW St. Helens Road, Portland, Ore.
 Plans and specifications may be

obtained from the above office upon deposit of \$50. 38

BIDS OPENED

BELMONT, San Mateo Co., Cal.—
Wickwire Spencer Steel Co., 101
Townsend St., San Francisco, at \$419,
submitted low bid to the Public Utilities
Commission, Room 287, City Hall,
for construction of about 1,260
feet of wire mesh fence on metal
posts along both sides of State Highway
right-of-way at the Belmont
Pump Station, San Mateo Co.

Complete bids follow:
Wickwire Spencer Steel Co.....\$419
Calif. Wire Cloth Corp..... 425
Anchor Post Fence Co..... 449
Standard Fence Co.....467.01
Reusch & Son, Berkeley.....1134

Contract Awarded

SAN MATEO CO., Cal.—W. O. Tyson,
Box 888, Redwood City, at \$37,
\$18.74, awarded contract by the San
Francisco Public Utilities Commission,
Room 287, City Hall, San Francisco,
under Spec. W.D. 166, for the
construction of a temple and other
improvements at Pulgas Outfall, San
Mateo County.

Plans Being Figured—Bids Close

February 23, 3 P. M.
SUPERSTRUCTURE Cost, \$.....
OAKLAND, Alameda Co., Calif. NE
corner of First and Grove Sts.
Construction of superstructure for
turbine room extension at Sub-
station "C".

Owner—Pacific G. & E. Co.
Plans by Engr. Dept. of Owner.
Plans are being figured by a closed,
selected list of contractors.

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

ALAMEDA, Calif.—Powell Bros.,
Harrison and Pearl Sts., Alameda, at
\$2.67 per barrel, was awarded contract
by the Alameda City Council,
D. E. Dyer, City Clerk, City Hall,
for furnishing 320 barrels Portland
cement. 20

CONTRACT AWARDED

LOS ANGELES, Cal.—J. H. Baxter
& Co. at \$15,576.45 were awarded
the contract by the Los Angeles Water
& Power Commission for pressure
creosoted poles, Spec. 2531. 20

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—
Until February 24, 8:15 P. M., bids
will be received by the Alameda Public
Utilities Board, G. A. Baxter,
Secretary, 2440 Santa Clara Ave.,
Alameda, for furnishing western red
cedar poles.

Plans and specifications may be
obtained from the above office. 20

February 17, 1938.

BIDS OPENED

GRAND COULEE DAM, Wash.—
Following submitted bids to the Bureau
of Reclamation, Denver, under
Spec. No. 1028-D, for furnishing and
delivering approximately 200,000 barrels
of modified Portland cement in bulk
for the Grand Coulee Dam, and power
plant, Columbia Basin Project,
Washington; f.o.b. shipping
point and/or Odair, Wash.

Northwestern Portland Cement Co.,
Seattle, Wash.—\$1.47 per bbl. for
100,000 barrels; disc. 10c 15 days;
f.o.b. Grotto.

Superior Portland Cement Co., Inc.,
Seattle—\$1.48 for 200,000 barrels; 10c
15 days; f.o.b. Concrete or Seattle,
Wash.

Oregon Portland Cement Co., Port-

land, Ore.—\$1.40 for 50,000 barrels;

10c 15 days; f.o.b. Lime, Ore.

The Olympic Portland Cement Co.,
Ltd., Seattle—\$1.47 for 200,000 barrels;
10c 15 days; f.o.b. Bellingham,
Wash.

Spokane Portland Cement Co., Spokane,
Wash.—\$1.53 for 62,500 barrels;
10c 15 days; f.o.b. Irwin, Wash.

Lehigh Portland Cement Co., Chicago,
Ill.—\$1.3798 for 50,000 barrels;
10c 15 days; f.o.b. Metaline Falls,
Wash. 20

CONTRACT AWARDED

LOS ANGELES.—General Cable
Corp., at \$15,703.40, awarded contract
by the Los Angeles Water & Power
Commission for bare copper wire,
Spec. 2537. Item 1 is 26,900 lbs. No.
1/0 and (2) 76,000 lbs. No. 3/0.

The bids were:
Rome Cable Corp. submitted the
low bid to the Water & Power
Purchasing Agent—(1) \$15.17 and (2)
\$15.07 per cwt; deliv. 30 to 40 days;
terms 1/2 of 1% 20 days. Reels;
charge and credit \$18.00.

Kennecott Wire & Cable Co.—(1)
\$15.47, (2) \$15.37; 30 days; reels 20;
inspect and accept at factory; 1/2 of
1% 10 days.

U. S. Rubber Prod., Inc.—(1) \$15.47,
(2) \$15.37; 35 days; reels 20; inspect
at whse; 1/2 of 1% 10 da.

Columbia Steel Co.—(1) \$15.47; (2)
\$15.37; 21 da; reels, \$10.65; inspect
at whse; 1/2 of 1% 10 da.

General Cable Corp.—(1) \$15.47;
(2) \$15.37; 3 da; reels, \$18; inapc
at whse; 1/2 of 1% 10 da.

Anaconda Wire & Cable Corp. of
Calif.—(1) \$15.47; (2) \$15.37; 1 to 3
da; reels 20; inspect whse or mill;
1/2 of 1% 10 da.

Elec. Whse. Mart.—(1) \$15.47; (2)
\$15.37; 15 da; reels 20; inspect
at whse; 1/2 of 1% 10 da.

Phelps-Dodge Copper Prod. Corp.—
(1) \$15.47; (2) \$15.37; shipment one
week; complete 26 da; reels 20; in-
spection at factory; 1/2 of 1% 10 da.

John A. Roebling's Sons Co.—(1)
\$15.47; (2) \$15.37; 15 days; reels 20;
inspect at factory; 1/2 of 1% 10 da. 20

BIDS WANTED

OAKLAND, Cal.—Until Feb. 23,
1 p. m., bids will be received by the
Oakland City Council, W. W. Chappell,
City Clerk, City Hall, for fur-
nishing retreat tires for automobile
and trucks.

Plans and specifications may be
obtained from the above office. 20

BIDS OPENED

OAKLAND, Cal.—Following sub-
mitted identical bids at (1) \$1,267
and (2) \$1,567, to the Oakland City
Council, W. W. Chappell, City Clerk,
City Hall, for furnishing (1) 450,000
gallons of gasoline and (2) 50,000
gallons of Ethyl;

Richfield Oil Corp.; Standard Oil
Co.; Gilmore Oil Co.; Associated Oil
Co.; General Petroleum Corp.; Shell
Oil Co. and Signal Oil Co.

The Texas Company submitted a
bid at (1) \$1,326; (2) \$1,626, and
Seaside Oil Co. submitted a bid at
(1) \$1,275; (2) \$1,575. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—
O'Connor Bros., 750 Madison Street,
Red Bluff, at \$975, 2% 10 days, f.o.b.
Digger Creek Bridge site, submitted
low bid and was awarded contract
by the Forest Service Supply Depot,
H. R. Marsh, Acting Supply Officer,
Government Island, Oakland, under
Bid No. 5456, for furnishing 90-ft.
steel (skew) span, including all
structural steel, bolts for field con-
nections, bolts for superstructure
and all misc. steel portions necessary
for the erection of the span,
Digger Creek Bridge, Red Bluff, Cal.

BIDS OPENED

SACRAMENTO, Calif.—Following
submitted bids to the U. S. Engineer
Office, Col. L. B. Chambers, District
Engineer, Room 208, Post Office
Bldg., Sacramento, under Bid No.
1105-38-201, for furnishing miscella-
neous castings, etc.

Bids were taken on:

- (1) One counter shaft for cutter ea-
gine;
- (2) One counter shaft pinion;
- (3) One dredge impeller shaft;
- (4) One section dredge cutter shaft;
- (5) One lot propellers for "Pit" and
"Rio Vista";
- (6) One lot miscellaneous iron cast-
ings;
- (7) One lot miscellaneous bronze
castings.

Total bids follow:
Neptune Machine Wks., San Francisco—(1) \$158, (3) \$252, (4) \$345, (6)
\$190, (7) \$775; 1% 10 days, 1/2% 20
days.

The American Forge Co., Oakland—
(3) \$326, (4) \$366.50.

Golden State Minera Iron Works,
San Francisco—(1) \$120, (3) \$320, (4)
\$349, (5) \$199.50.

M. Greenberg's Sons Brass Foundry
& Machine Works, San Francisco—
(7) \$524.74.

Valley Forge Mfg. Co.—(1) \$140,
(2) \$290, (3) \$310, (4) \$435.

Columbia Machine Works, San
Francisco—(1) \$189.50, (2) \$289, (3)
\$253, (4) \$344, (5) \$181, (6) \$180, (7)
\$740.

Ajax Foundry Co., San Francisco—
(7) \$634; 1% 10 days.

Bethlehem Shipbuilding Corp., San
Francisco—(1) \$148, (3) \$358, (4)
\$440, (5) \$285.

Monarch Foundry Works, Sacra-
mento—(1) \$124, (3) \$249, (4) \$337,
(5) \$280; 1/2% 10 days.

General Engineering & Dry Dock
Co., San Francisco—(1) \$225, (3)
\$405, (4) \$521. 20

BIDS WANTED

OAKLAND, Cal.—Until Feb. 21,
4:30 p. m., bids will be received by
the Oakland Port Commission, foot
of Grove Street, Oakland, for fur-
nishing 64,000 ft. bd. meas. 12 x 12
and 4 x 12 lumber.

Plans and specifications may be
obtained from the above office. 20

BIDS WANTED

OAKLAND, Cal.—Until Feb. 23,
5:30 p. m., bids will be received by
the East Bay Municipal Utility Dis-
trict, John Kimball, Secretary, 512
16th St., Oakland, under Pro. No.
982, for furnishing 36 rolls, approxi-
mately 7200 lbs. white bond paper
and 36 rolls, approximately 7200 lbs.
pink bond paper.

Plans and specifications may be
obtained from the above office. 20

BIDS OPENED

CENTRAL VALLEY PROJECT.—
Henry J. Kaiser Co., 1522 Latham
Square Bldg., Oakland, at \$35,800,
submitted low bid to the Bureau of
Reclamation, Old Post Office Bldg.,
Sacramento, under Spec. No. 1024-D,
for furnishing and delivering 39,000
tons of gravel and 27,000 tons of sand
for an 8-mile section of the Contra
Costa Canal, Delta Division, Central
Valley Project.

Total bids follow:
Henry J. Kaiser Co., 1522 Latham
Square Bldg., Oakland—\$35,800.

Pacific Coast Aggregates, Inc., San
Francisco—\$48,500.

California Rock & Gravel Co., San
Francisco—\$82,850.

Ferkins Gravel Co., Sacramento—
\$49,500.

R. P. Easley, Antioch, submitted a
bid of \$21,450 for unloading material
from cars to stockpiles. 20

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until March 1, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1037-D, for furnishing and delivering materials for one steel warehouse building at the Shasta Dam, Central Valley Project; for shipping point and/or Coram, Calif. Concrete walls, floors and foundations will be constructed and the building erected by the Government.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

SAN FRANCISCO. F. Breeden, Eureka, at (1) \$20; (2) \$200, total, \$220 submitted high bid and was awarded contract by the U. S. Engineer Office, 401 Custom House, San Francisco, under Sale No. 9, for the sale of (1) scrap railroad rails and (2) flat car, located on Government property at Crescent City. 20

BIDS OPENED

EL CENTRO, Imperial Co., Calif.—Bids for furnishing western cedar poles for 112 miles 33,000-volt transmission lines, opened by the Imperial Irrigation District, El Centro, were:

B. J. Carney—(1) for use with copper conductor, \$34,114, no tax; (2) for use with aluminum conductor, \$27,415.25, no tax.

Page & Hill—(1) \$34,445.75, with tax; (2) \$27,734.25, with tax.

Maydwell & Hartzell—(1) \$36,333.70, no tax; (2) \$29,170.95, no tax.

Electric Wholesale Mart—(1) \$38,423.71, with tax; (2) \$30,543.57, with tax.

Benson Lumber Co., San Diego—(1) \$38,677.78, with tax; (2) \$31,282.13, with tax.

L. D. McFarland Co.—(1) \$37,499.70, no tax; (2) \$30,956.95, no tax.

H. A. Browning Lumber Co.—(1) \$36,531.16, with tax; (2) \$29,352.45, with tax.

Leavitt-Naught Co., Spokane—(1) \$33,173.50, no tax; (2) \$30,554.50, no tax.

Cook Cedar Co., St. Maries, Idaho—(1) \$34,061.50, no tax; (2) \$27,436.50, no tax.

Line Materials Co.—(1) \$37,281.62, with tax; (2) \$29,912.23, with tax.

Joslyn Co.—(1) \$37,876.29, with tax; (2) \$30,351.24, with tax.

J. H. Baxter Co.—(1) \$38,724.45, no tax; (2) \$31,058.45, no tax.

Graybar Elec. Co.—(1), \$40,587.84, with tax; (2) \$32,608.23, with tax.

Thomas Machinery Co., Los Angeles—(1) \$37,967.70, no tax; (2) \$29,035.40, no tax.

General Electric Supply Co.—(1) \$37,137.20, with tax; (2) \$29,814.98, with tax.

Westinghouse Elec. & Mfg. Co.—(1) \$37,127.20, with tax; (2) \$29,814.98, with tax. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 6901 E. 14th St., Oakland, at \$306.81, 2% 10 days, 1% 20 days, f.o.b. Red Bluff, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5438, for furnishing Structural Douglas Fir lumber for Digger Creek Bridge. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Chapman Lumber Co., Portland, Ore., at \$346.39, 2% 10 days, 1 1/2% 20 days and 1% 30 days, f.o.b. Cottage Grove, Ore., submitted low bid and was

awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5439, for furnishing structural Douglas fir lumber for Mill Creek Bridge construction. 20

BIDS WANTED

OAKLAND, Cal.—Until Feb. 23, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 983, for furnishing 40,000 gallons kerosene and 352,000 gals. gasoline.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

OAKLAND, Calif.—Until Feb. 23, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-209, for furnishing 5000 lin. ft. 4-inch, 3000 lin. ft. 6-inch, and 1000 lin. ft. 12-inch asbestos cement water pipe.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

PROVO RIVER PROJ., Utah.—Until March 1, 10 A. M., bids will be received by the Bureau of Reclamation, 336 Federal Bldg., Salt Lake City, under Spec. No. 1038-D, for furnishing and delivering 14,000 tons of sand and 22,000 tons of gravel for the construction of the Deer Creek Dam and railroad and highway relocations, Provo River Proj., Utah; fob shipping point.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 21, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for (1) 4,550 ft. 10-inch and (2) 3900 ft. 12-inch unglazed clay drainage tile, extra quality, in 2-foot lengths, delivered to 26th St. and Los Angeles River; Circ. Prop. 302. 20

BIDS OPENED

EL CENTRO, Imperial Co., Calif.—Bids for furnishing conductor for 112 miles of 33,000-volt transmission lines, Spec. No. 3, PWA Prop. 1088-PD, opened by the Imperial Irrigation District, El Centro, were:

Collier Insulated Wire Co., Pawtucket, R. I.—copper \$102,971.70.

Phelps-Dodge Copper Products Corp.—copper \$103,162.50.

Maydwell & Hartzell—copper, \$102,971.70, no tax.

Rome Cable Corp.—copper, \$104,009.42, with tax.

Line Materials Co.—\$106,257.38, with tax.

Copperweld Steel Products Co.—copper, \$103,162.50, no tax.

John A. Roehling's Sons Co.—copper, \$106,458.87, with tax.

Anaconda Wire & Cable Co., Los Angeles—copper, \$106,110, no tax.

Westinghouse Elec. & Mfg. Co.—copper, \$103,162.50, no tax.

General Cable Corp.—copper, \$103,162.50, no tax.

Aluminum Co. of America—aluminum, \$95,646.25, tax not mentioned. 20

BIDS WANTED

OAKLAND, Calif.—Until Feb. 23, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-210, for furnishing 65,000 lin. ft. cast iron water pipe. Bids will be taken on (1) 24,000 lin. ft. 4-inch; (2) 24,000 lin. ft. 6-inch; (3) 14,000 lin. ft.

8-inch, and (4) 3,000 lin. ft. 12-inch. Plans and specifications may be obtained from the above office. 20

LOS ANGELES, Calif.—Columbia Steel Co., at \$26,225.50, f.o.b. Gary, Ind., awarded contract by U. S. Engineer, Los Angeles, for 635,000 lbs. fabricated steel and metal work superstructure for Southern Pacific Co. (San Pedro branch line) railroad bridge over Compton Creek, Circ. Prop. 244. 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-194, for furnishing and delivering miscellaneous castings, etc., fob Rio Vista.

Bids were taken on: (1) 24 lengths 20-in. ID pontoon pipe (2) 100 lengths 20-in. KD shore pipe; (3) 50 each pipe taper ends; (4) 50 each eye bolts; (5) 100 each washers for pipe sleeve bands; (6) 2 each wye for shore pipe; (7) 2 each gate valves for shore pipe.

Total bids follow: Golden State Miners Iron Works, San Francisco: (4) \$75; (7) \$562.

Western Pipe & Steel Co. of Calif., San Francisco: (1) \$5304; (2) \$4,500; (3) \$560; (6) \$416; (7) \$740.

Union Machine Co., San Francisco: (5) \$60; (7) \$560.

Monarch Foundry Works, Sacramento: (4) \$87.50; (5) \$50; (7) \$401; 1/2 10 days.

Pacific Coast Engr. Co., Oakland: (1) \$5136; (2) \$4300; (3) \$500; (4) \$90; (5) \$60; (6) \$400; (7) \$720; 1/2 10 days.

Neptune Machine Works, San Francisco: (4) \$89; (5) \$49; (7) \$688; 2% 10 days; 1/2 20 days. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco at \$1318.00, 1/2 of 1% 10 days; fob San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5440, for furnishing girder and skew spans for reconstruction of Mill Creek bridge, Red Bluff. 20

BIDS WANTED

SACRAMENTO, Cal.—Until March 15, 3 p.m., bids will be received by the U. S. Engineer Office, Sacramento District, Room 208, Post Office Bldg., Sacramento, under Order No. 9130/c/p., for the purchase of condemned government property, including batteries, choppers, extinguishers, lamps, and hose. Articles to be sold may be inspected at the U. S. Engineer Storehouse, grounds and wharff, Rio Vista, Cal. 20

BIDS OPENED

COLORADO RIVER PROJECT, Texas.—Longhorn Portland Cement Co., San Antonio, Texas, at \$1.88 per barrel, f.o.b. Rutledge, Texas, submitted low bid to the Bureau of Reclamation, Denver, Colorado, under Bid No. 1032-D, for furnishing approximately 750,000 barrels of low-hate Portland cement in bulk for the Marshall Ford Dam, Colorado River Project.

Total bids follow: (All f.o.b. Rutledge, Texas, disc. 10c, 15 days):

Longhorn Portland Cement Co., San Antonio, Texas—\$1.88.

Trinity Portland Cement Co., Dallas, Texas—\$2.01.

Lone Star Cement Corp., Dallas, Texas—\$213.

Universal Atlas Cement Co., Chicago, Ill.—\$2.13.

BIDS WANTED

MINERAL WELLS, Texas.—Until February 24, 2 P. M., bids will be received by the Brazos River Conservation and Reclamation District, Temple, Texas, for furnishing and delivering 300,000 barrels of portland cement for the Possum Kingdom dam on the Brazos River, near Mineral Wells, Tex. Specifications may be obtained from the district office, Temple, Texas, and from the office of the consulting engineer, Ambursen Engr. Corp., 295 Madison Ave., New York City. This is a WPA project. John A. Norris is chief engineer and general manager of the district, at Temple.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 23, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 10-inch, 21-inch and 54-inch diameter corrugated culvert pipe and band couplers, delivered to 26th St. and Los Angeles River; Circ. Prop. 303.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER restaurant, \$150; 902 Point Lobos Ave.; owner, L. Hontalas, 646 47th Ave.

ALTER flats, \$150; 147 Coleridge St.; owner, Angelino Leonetti, 144 Peralta Ave.

ALTER garage, \$980; 340 Fell St.; owner, Fell St. Garage, prem.; contractor, Barrett & Hill, 918 Harrison St.

SIGN, electric, \$160; 1600 O'Farrell St.; owner, J. M. Murphy, 1600 O'Farrell St.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER flats, \$150; 5331 California; owner, Mr. Peterson, premises.

SIGN, electric, \$180; 27 3rd St.; owner, W. & J. Hurley, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER flats, \$800; 4170-80 17th St.; owner, H. A. Luezycki, 4174 17th.

ALTER dwellings, \$200; 5736 California St.; owner, Jacob Berg, 1845 Franklin St.; contractor, Pacific Terrazzo Co., 2144 Lombard.

SIGN, electric, \$250; 765 Folsom St.; owner, M. Greenberg's Sons, 765 Folsom St.; contractor, Brumfield Elec. Sign Co., 965 Folsom.

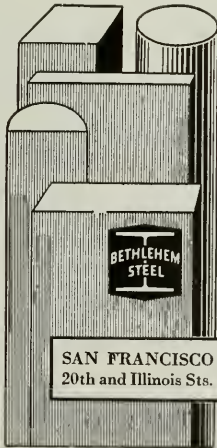
**DAILY
PACIFIC
BUILDER**

*LARGEST
CONSTRUCTION
DAILY
IN THE
WEST*

Published by

Stark-Rath

PRINTING • AND • PUBLISHING • COMPANY



**Bethlehem Steel
Bars and Strip**

Flat, Round, Half-round, Square Bars.
Hot-Rolled, Cold-Rolled Strip.

*Stocks in San Francisco,
Los Angeles and Seattle.*

**BETHLEHEM STEEL COMPANY
on the Pacific Coast**

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Fire Alarm Sys. | 35.—Tunnels |
| 27.—Fire Equipment | |
| 28.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

LASSEN CO., Calif. — M. A. Jenkins, 3560 Y St., Sacramento, at \$12,539, awarded contract by the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, for the construction of three timber stringer bridges with concrete decks on concrete pile bents between three miles south of Standish and Wendel on the Buntingville-Wendel Road, Lassen County.

BIDS WANTED

MARIN COUNTY, Cal.—Until Mar. 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a timber bridge with concrete deck across Stemp Creek, about one mile north of Tomales, consisting of eleven 19-ft. spans and grading approaches and applying road mix surface treatment, Marin County.

Work involves:

- (1) 4,600 c.y. rdwy. excav., unclass.;
- (2) 275 c.y. struc. excav.;
- (3) 770 c.y. imported surf. material;
- (4) 13 sta. finishing rdwy.;
- (5) 20 tons liquid asph. SC-3 prime coat and road mix surf. treatment;
- (6) 2,400 sq. yds. preparing mix and shaping roadbed;
- (7) 22,000 lbs. bar reinf. steel;
- (8) 225 c.y. Class A portland cement conc. struc.;
- (9) 41 MFBM redwood timber, dense select all-heart struc. grade;
- (10) 25 MFBM do, select all-heart struc. grade;
- (11) 56 lf. 18-in. CMP;
- (12) 0.5 mile new property fence;
- (13) 4 each drive gates, 16-ft.;
- (14) 8 each monuments;
- (15) 1 existing bridge removed and disposed of;
- (16) 1 lot misc. items of work.

The State will furnish CMP and band couplers, etc.

Plans and specifications may be obtained from the above office.

LOW BIDDER

MADERA CO., Calif.—Franzini & Fredenburg, 100 Clark Street, San Rafael, at \$798.50 (Alt. C), submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, District VI, State Highway Bldg., Fresno, for the construction of a reinforced concrete bridge across Cottonwood Creek overflow, about four miles south of Madera, Madera County, Calif.

Complete bids will be published shortly. * 21

CONTRACT AWARDED

SAN FRANCISCO.—J. Philip Murphy, 3901 Mission St., San Francisco, at \$263 was awarded contract by the Dept. of Public Works, Rm. 251, City Hall, for the construction of a pedestrian underpass at junction of low viaduct and on-ramp, Golden Gate Bridge, Marina approach. 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

ALAMEDA, Calif.—San Francisco Bridge Co., 503 Market Street, San Francisco, at estimated cost of \$960,000, awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8414, for dredging and filling; stone sea walls and jetties; and steel sheetpile bulkheads and pier, including wood piles and timber work and concrete curbs at the Naval Air Station, Alameda. * 22

APPLICATION MADE

SAN PEDRO, Los Angeles Co., Cal.—Application has been made by San Pedro Sport Fishing Boat Owners' Assn., San Pedro, for War Department permit to construct 7 single pile dolphins, 25 feet apart, located 60 feet channelward of U. S. pier-head line at Berth 36 in west channel of Los Angeles Harbor. Each dolphin is to be one 50-ft. creosoted pile of 13-in. minimum butt, driven to show 5 feet above high water mark. The dolphins will be used as guide piles to moor floats serving sport fishing boats. Drawings showing location and plan of proposed work may be seen at the office of the U. S. Engineer, Los Angeles, until 11 a. m., Feb. 18. * 22

CONTRACT AWARDED

SAN FRANCISCO, Cal.—A. S. Dutra, 255 California St., San Francisco, at \$6084.65, was awarded contract by the Public Utilities Commission, Room 287, City Hall, for exploration and dredging at the San Francisco Air Depot. * 22

23— CANALS

COMPLETE BIDS

YAKIMA PROJECT, Wash.—T. E. Connolly, Inc., 461 Market St., San Francisco, at \$316,142.42 submitted low bid to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 770, for the construction of earthwork, tunnel, and canal lining. Station 1594 plus 72 to Station 1641 plus 15, Yakima Ridge Canal, Roza Division, Yakima Project, Wash.

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

Work involves:

- (1) 52,200 cu. y. excavation, common, for canal;
- (2) 2,800 cu. do. rock, for canal;
- (3) 15,000 sta. c.y. overhaul;
- (4) 50 c.y. compacting embankment;
- (5) 1,200 c.y. excav. common, for inlet and outlet trans.;
- (6) 70 c.y. excav., rock, for do.;
- (7) 200 c.y. excav., common, for tunnel outlet drain under concrete lining;
- (8) 30 c.y. excav., rock, for do.;
- (9) 29,860 c.y. excav., all classes, in tunnel;
- (10) 150 sq. yds. prepare rock foundation for concrete lining;
- (11) 3,200 sq. yds. trim earth foundation for concrete lining;
- (12) 200 c.y. backfill;
- (13) 150 c.y. puddling or tamping, backfill;
- (14) 260 c.y. gravel fill about tunnel outlet drain under conc. lining;
- (15) 7,000 c.y. concrete in tunnel lining;
- (16) 150 c.y. concrete in portal structure and trans.;
- (17) 360 c.y. concrete in canal lining;
- (18) 44,500 lbs. placing reinf. bars;
- (19) 450,000 lbs. furnish and install perf. steel tunnel supports;
- (20) 160 MFBM furnish and erect perm. timbering in tunnel;
- (21) 30,000 lbs. furnish and install steel tunnel liner plates;
- (22) 200 lf. drilling port holes not more than 10-ft. deep;
- (23) 100 lbs. placing grout pipe and connections;
- (24) 400 c.f. pressure grouting;
- (25) 2,000 lf. construct 6-inch dia. tunnel drain;
- (26) 1,500 lf. construct 8-in. do.;
- (27) 425 lf. construct 10-in. do.;
- (28) 690 lf. laying 10-in. dia. sewer pipe with uncemented joints;
- (29) 655 lf. construct 6-in. dia. do.;
- (30) 150 lf. laying 6-in. dia. sewer pipe with cemented joints;
- (31) 150 lf. laying 10-in. dia. do.

Total bids follow:

- (A) T. E. Connolly, Inc., 461 Market St., San Francisco, \$316,142.42
- (B) Morrison-Knudsen Co., Boise, Idaho, \$416,964.50
- (C) J. A. Terteling & Sons, Boise, Idaho, \$465,150.00

Unit prices follow:

	(A)	(B)	(C)
(1)	\$ 30	\$.25	\$.12
(2)	.70	1.00	.50
(3)	.01	.02	.05
(4)	50	1.00	.25
(5)	.60	.25	.25
(6)	.60	1.00	1.00
(7)	1.00	1.00	1.00
(8)	1.00	3.00	1.00
(9)	6.64	8.45	9.00
(10)	1.00	1.00	1.00
(11)	.20	.40	.50
(12)	.20	.40	.20
(13)	.20	.50	.40
(14)	1.00	2.93	1.00
(15)	7.00	0.00	15.00
(16)	15.00	25.00	15.00
(17)	7.00	10.00	10.00
(18)	.02	.025	.02
(19)	.07	.09	.115
(20)	40.00	110.00	100.00
(21)	.08	.08	.08
(22)	.50	.50	1.00
(23)	.20	.25	.10
(24)	1.00	1.00	1.00
(25)	.30	1.00	.50
(26)	.40	1.25	.50
(27)	.50	1.50	.50
(28)	.40	1.00	.50
(29)	.30	1.00	.50
(30)	.50	1.00	.50
(31)	.50	1.25	.50

LOW BIDDERS

YAKIMA PROJECT, Wash.—T. E. Connolly, Inc., 461 Market St., San Francisco, at \$316,142, submitted low bid to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 770, for the construction of earthwork, tunnel, and canal lining, Station 1594 plus 72 to Station 1641 plus 15, Yakima Ridge Canal, Roza Division, Yakima Project, Wash.

Three low bids follow:
T. E. Connolly, Inc., 461 Market St., San Francisco—\$316,142.
Morrison-Knudsen Co., Boise, Ida.—\$416,964.

J. A. Terteling & Sons, Boise—\$465,159.

Complete bids will be published shortly. • 23

25—MACHINERY AND EQUIPMENT

BIDS OPENED

VENTURA, Los Angeles and Orange Counties, Cal.—Bids for the rental of one or two ½-in. to ¾-in. full revolving truck shovels, for use for 60 working days at various locations in Ventura, Los Angeles and Orange Counties, opened by the State Highway Dept., Los Angeles, are:

M. P. McCaffrey, Inc.—(1) ¾-yard McCaffrey built, 1936, \$6.00 per hr., travel time \$3 per hr.; (2) ¾-yd. 1937 McCaffrey, \$6.00 and \$3.00.

W. M. Ward, Santa Paula—(1) ½-yd. Quickway 1936 \$5.50 and \$3.00; (2) no bid.

Charles Holmes, San —(1) ½-yd. Lorain "30" 1937, \$5.40 and \$4; (2) ¾-yd. Bucyrus-Erie 1937, \$4.90 and \$4.00.

P & M Co., San Pedro—(1) ½-yd. Michigan Power Shovel, 1937, \$6.00 and \$3.00; (2) no bid. • 25

BIDS OPENED

DENVER, Colo.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1029-D, for furnishing and delivering (1) one 10,000-pound capacity radial-gate hoist for the Siphon Drop power plant, Yuma Project, Arizona-California; and (2) two 3000-pound capacity radial gate hoists for the Leasburg canal sluiceway, Rio Grande Project, New Mexico-Texas. Hoists will be installed by the Government; f.o.b. shipping point and/or railroad destination.

Omaha Steel Works, Omaha, Neb., \$3680, wt. 7700; net; f.o.b. Omaha.

The Smith Corp, d/b/a General Iron & Steel Works, Portland, Ore., \$3247, wt. not given; net; f.o.b. Portland.

Commercial Iron Works, Portland, \$2897, wt. 7900; ½%; f.o.b. Portland.

Footo Bros. Gear & Machine Corporation, Chicago, Ill., \$3210, weight 7100; net; f.o.b. Chicago.

Joshua Hendy Iron Works, San Francisco, Cal., \$4318, wt. 9400; net; f.o.b. Sunnyvale, Cal. Alternate bid, \$4219, wt. 9400.

Stacey-Schmidt Mfg. Co., York, Pa., \$2850, wt. 8600 (item one only); net; f.o.b. York.

D. J. Murray Mfg. Co., Wausau, Wis., \$2502, wt. 9850; net; f.o.b. Wausau.

Darbyshire-Harvie Iron & Machine Co., El Paso, Texas, \$2958, wt. 7000; f.o.b. El Paso and 4100 wt. f.o.b. Las Cruces, N. J.; ½%.

Long Beach Iron Works, Long Beach, Calif., \$3212, wt. 8800; net; f.o.b. Long Beach.

Koppers Co., Western Gas Division, Ft. Wayne, Ind., \$3292, weight 8200; net; f.o.b. Ft. Wayne.

Valley Iron Works, Yakima, Wash., \$3140, wt. 7850; 5%; f.o.b. Yakima.

Puget Sound Machinery Depot, Seattle, Wash., \$3714, wt. 10,100; net; f.o.b. Seattle. • 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1026-D, for furnishing and delivering line hardware and conductor fittings for 230-kilovolt switchyard at Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government, fob shipping point and/or Boulder City, Nevada.

General Electric Supply Corporation, Denver, Colo., Sch. 1, \$2400.18, wt. 4377; Sch. 2, \$690, wt. 1350; Sch. 3, \$95.53, wt. 226; Sch. 4, \$23.40, wt. 50; net; f.o.b. Boulder City, Nevada. Alternate bid: Sch. 1, \$2079.18, wt. 4377.

Burdny Engrg. Co., Inc., Sch. 5, \$279.08, wt. 210; net; f.o.b. Boulder City, Nevada.

General Electric Supply Corp., Los Angeles, Cal., Sch. 1, \$2400.18, weight 4377; f.o.b. Boulder City; Sch. 2, \$690, wt. 1350; Sch. 4, \$23.40, wt. 50; f.o.b. Baltimore, Md.; Sch. 3, \$95.53, wt. 226, f.o.b. Pittsburgh, Pa.; net. • 25

BIDS OPENED

FORT MASON, Calif.—Following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-228, for one electric, one-ton capacity, platform type truck fully equipped; fob Fort Mason, San Francisco:

Automatic Transportation Co., Chicago, Ill.—\$1615.

Crescent Trucking Co., Labeon, Pa.—\$1917; 1% 20 days.

Mercury Mfg. Co., Chicago—\$1615. Wright Hebert Industrial Truck Co., Inc., Phelps, N. Y.—\$1500; 1% 30 days.

Yale & Towne Mfg. Co., Philadelphia—\$1670. • 25

BIDS OPENED

SAN BERNARDINO and Riverside Cos., Cal.—Bids were received by the State Highway Department, San Bernardino, for rental of one 75-h.p. track type, diesel engine tractor and angledozer with tractor driver for use in San Bernardino and Riverside counties. The items are: (1) transportation to and from Lake Arrowhead (flat price, round trip); (2) operating rental rate per hour for tractor, angledozer and driver (3) stand-by rental rate per hour for same.

The bids were:
Chas. Holmes: (1) \$70 (2) \$515 (3) \$25.

J. R. McKnight: (1) \$80 (2) \$490 (3) \$175.

Silva & Hill: (1) \$75 (2) \$570 (3) \$50.

John Murillo: (1) \$70 (2) \$6 (3) \$2. Vido Kovacevich: (1) \$75 (2) \$5.85 (3) \$2.50.

C. G. Willis & Sons: (1) \$75 (2) \$5.48 (3) \$3.80.

Morrison-Knudsen: (1) \$100 (2) \$625 (3) \$2.

R. E. Hazard & Son: (bid irregular). • 25

LOW BIDDER

BONNEVILLE PROJECT, Oregon.—Palmer Supply Co., 222 Westlake N., Seattle, at \$920.57, submitted low bid to the U. S. Engineer Office, Bonneville, under Bid No. 694-38-228, for delivering and installing one vertical electric motor-driven sewage pump in the pump house, including necessary switches, pressure control, pressure pipe and copper tube

motor and pump, concrete foundations, anchor bolts, all valves, fittings and piping, accessories, and any other equipment necessary for a complete installation in the pump house, Bonneville Project, at Hood River, Oregon. • 25

CONTRACT AWARDED

OAKLAND, Calif.—The National Cash Register Co., 328 12th St., Oakland, at \$2570, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 974, for furnishing two cash register control machines. • 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 40545, Req. No. 16701, for one 10-foot single-drive, dual pneumatic-tired motor grader; fob Eureka:

Edward R. Bacon Co., San Francisco: \$2967; 2% 30 days.

Jonison Machinery Co., San Francisco: \$2915; 2% 30 days.

Knox-Hale Machinery Co., San Francisco: \$3600; net.

Weaver-Rye Tractor Co., Sacramento: \$3574.44; 2% 30 days.

Spears-Wells Machinery Co., Oakland \$3027.17, \$100 10 days.

J. D. Adams Co., San Francisco: \$3586.45; 2%; 30 days.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 40546, Req. No. 16702, for one 10-ft. dual drive pneumatic-tired motor grader; fob Eureka:

Jonison Machinery Co., San Francisco: \$3347; 2% 30 days.

Knox-Hale Machinery Co., San Francisco: \$3353; net.

Weaver-Rye Tractor Co., Sacramento: \$3072.08; disc. \$50 30 days.

Spears-Wells Machinery Co., Oakland \$3365.55, disc. \$100 10 days.

J. D. Adams Co., San Francisco: \$2660.45; 2% 30 days.

Edward R. Bacon Co., San Francisco: \$3095; net. • 25

CONTRACT AWARDED

GRAND COULEE DAM.—Koppers Company, Bartlett Hayerwood Division, Baltimore, Md., at \$468,000 awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 764, for furnishing twenty bulkhead gate frame and track units for installation at the inlet ends of the outlet conduits from elevation 975.0 to elevation 1206; three bulkhead gate frame and track units for installation at the inlet ends of station-service penstocks; eighteen complete gate frames for the penstock inlet gates at the inlet ends of the main power penstocks, Grand Coulee Dam, Columbia Basin Proj., Wash. Materials will be installed by the Government, fob shipping point and/or Odair, Wash. • 25

BIDS WANTED

WHATCOM COUNTY, Wash.—Until March 3, 10 A. M., bids will be received by the Seattle Board of Public Works, G. W. Roberge, Secretary, 509 County-City Bldg., Seattle, for furnishing two 72-in. dia. steel pipe, steel track racks, steel rack guides for Ruby Dam, Whatcom County; fob Rockport, Wash.

Plans and specifications may be obtained from Room 216, City Light Engineering Div., City Light Bldg., upon deposit of \$10. • 25

BIDS WANTED

DENVER, Colo.—Until March 31, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 774, for furnishing and delivering (1) eighty 102-inch ring-seal gates and 40 sets of conduit linings for installation in the outlet works at the Grand Coulee Dam, Columbia Basin Project, Washington; and (2) three 102-inch ring-seal gates for the power penstocks at the Seminoe Dam, Kendrick Project, Wyoming. Gates and conduit linings will be installed by the Government, f.o.b. cars at shipping point and/or railroad destination.

Plans and specifications may be obtained at the above office. * 25

COMPLETE BIDS

BONNEVILLE PROJECT, Oregon.—Palmer Supply Co., 222 Westlake N., Seattle, at \$920.57 submitted low bid to the U. S. Engineer Office, Bonneville, under Bid No. 694-38-223, for delivering and installing one vertical electric motor - driven sewage pump in the pump house, including necessary switches, pressure control, pressure pipe and copper tube motor and pump, concrete foundations, anchor bolts, all valves, fittings and piping, accessories, and any other equipment necessary for a complete installation in the pump house, Bonneville Project, at Hood River, Oregon.

Total bids follow:
Palmer Supply Co., 222 Westlake N., Seattle \$920.57
Victor Equip. Co., L. A. 1302.60
Pacific Pumping Co. Portland 1870.00
25

BIDS WANTED

YUMA PROJECT, Arizona-Calif.—Until March 4, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1040-D, for furnishing and delivering air cooling, heating, and ventilating equipment for office building at Yuma, Arizona, Yuma Project, Arizona-California. All apparatus will be installed by the Government, f.o.b. shipping point and/or Yuma, Ariz.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

GRAND COULEE, Wash.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 752, for furnishing and delivering thirty 14x17-ft. bulkhead gates for installation at the outlet ends of the turbine draft tubes in the left powerhouse of Grand Coulee power plant, Columbia Basin Proj., Wash. Gates will be installed by the Government, fob shipping point and/or Odair, Wash.

Shin W. Beam, Denver, \$38,250, wt. 680,000; 1/2%; fob Peotone, Ill.
Dravo Corp., Pittsburgh, Pa., \$37,250, wt. 685,000; net; fob Neville Island.

Virginia Bridge Co., Denver, \$38,350, wt. 675,000; net; fob Memphis, Tennessee.

Southwest Welding & Mfg. Co., Alhambra, Calif., \$48,480, wt. 705,000; 1/2%; fob Alhambra.

Duffin Iron Co., Chicago, \$36,900, wt. 680,000; net; fob Chicago.

Koppers Co., Bartlett Hayward Division, Baltimore, Md., \$34,545; wt. 660,000; 1/2%; fob Baltimore.

Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, \$50,945; wt. 682,170; 1/2%; fob Odair, Wash.

Wisconsin Bridge & Iron Co. Milwaukee, \$65,300; wt. 688,400; net; fob Milwaukee.

Worden-Allen Co., Milwaukee, \$38,436; wt. 678,000; net; fob Milwaukee.
Commercial Iron Works, Portland,

Ore., \$44,810; wt. 675,300; net; fob Portland.

Puget Sound Mch'y Depot, Seattle, \$69,888, wt. 686,000; net; fob Seattle.
Hansell-Elcock Co., Chicago, \$43,000; wt. 680,000; 1/2%; fob Chicago.
Isaacson Iron Works, Seattle, \$68,070, wt. 666,000; 1/2%; fob Seattle.

California Steel Products Co., San Francisco, \$37,992, wt. 684,000; net; fob San Francisco.

Consolidated Steel Corp., Ltd., Los Angeles, \$45,261, wt. 665,500; net; fob Los Angeles.

Lakeside Bridge & Steel Co., Milwaukee, \$49,418, wt. 672,700; net; fob Milwaukee.

Treadwell Const. Co., Midland, Pa., \$67,500, wt. 660,000; net; fob Midland.
Beall Pipe & Tank Corp., Portland, Ore., \$39,960, wt. 645,000; net; fob Portland.

Berkey Steel Const. Co., Inc., Berkeley, \$46,500, wt. 698,000; 1/2%; fob Berkeley.

Bethlehem Steel Co., Bethlehem, Pa., \$56,100, wt. 680,000; net; fob Chicago.

Hunter Steel Co., Pittsburgh, Pa., \$52,400, wt. 690,000; net; fob Neville Island.

The Smith Corp., d/b/a General Iron & Steel Works, Portland, \$41,949, wt. 670,000; net; fob Portland.

Mississippi Valley Struc. Steel Co., St. Louis, \$34,545, wt. 660,000; net; fob St. Louis.

Milwaukee Bridge Co., Milwaukee, \$48,750, wt. 676,000; 1/2%; fob Milwaukee. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Victor Equip. Co. (Kimball-Krogh Pump Div.), 1110 E. 62nd St., at \$11,631.12, was awarded contract by Metropolitan Water District, Los Angeles, for 5 centrifugal pumps. Spec. 270. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Associated Piping & Engrg. Co., 2332 E. 38th St., at \$19,584.42, awarded contract by Metropolitan Water District, Los Angeles, for 3 automatic pressure-regulating valve assemblies, complete with operating mechanisms and appurtenances for Palos Verdes feeder of Colorado River Aqueduct. Spec. 269. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Moloney El. Co., at \$93,571, awarded contract by the Los Angeles Water & Power Commission, for distribution and small power transformers. Spec. 2498. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Contracts for electric meters and parts, Spec. 2481, awarded by the Los Angeles Water & Power Commission, were:
Sangamo Electric Co., items 1 to 5, at \$175,000.

Westinghouse Electric & Mfg. Co., item 6, at \$2000.

General Electric Co., item 7, \$2000. * 25

LOS ANGELES, Calif.—F. S. & W. W. Hirsch submitted only bid to Los Angeles County Purchasing Agent for five pumping engines, Quot. 6257. The bid was: (1) triple combination pumping engine as per spec. for engine No. 3 with appliances \$15,185; allow without appliances, \$14,225; allow \$100 on old equip.; (2) triple combination pumping engine as per spec. for engine No. 1 with appliances, \$15,085; without appliances, \$14,225; allow \$100; (3) triple combination pumping engine as per spec. for engine No. 23 with appliances, \$15,190; without appliances, \$14,225; allow \$100; (4) 2 triple combination pumping engines as per spec. for engine

No. 7 and No. 38 with appliances, \$14,750; without appliances, \$13,950. Bidding on Seagrave equipment. * 25

BIDS OPENED

OWYHEE PROJECT, Oregon-Ida.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1025-D, for furnishing and delivering one direct pumping unit for Succor Creek pumping plant No. 2, Owyhee Project, Oregon-Ida. Pumping unit will be installed by the Government; f.o.b. shipping point and/or Homedale, Idaho.

Dayton-Dowd Co., Quincy, Ill., \$58,368, wt. 20,800; net; f.o.b. Springfield, Ohio.

Bingham Pump Co., Inc., Portland, Oregon, \$8,633, wt. 20,900; net; f.o.b. Portland and Springfield, Ohio.

Morris Machine Works, Baldwinville, N. Y., \$9,030, wt. 23,765; net; f.o.b. Baldwinville.

Fairbanks-Morse & Co., Kansas City, Mo., \$10,400, wt. 24,000; net; f.o.b. Beloit, Wis.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo., \$8,611, wt. 21,500; 2%; f.o.b. Springfield, Ohio. * 25

BIDS OPENED

LOS ANGELES AND VENTURA COS., Cal.—Bids for the rental of oil distributor and booster truck, for weed spraying operations in Los Angeles and Ventura Counties, opened by the State Highway Dept., Los Angeles, are:
Paulsen & March, Inc.—(1) \$5.50, (2) \$5.50.

Regal Oil Co.—(1) \$3.90, (2) \$3.70. Square Oil Co.—(1) \$3.90, (2) \$3.75. Morgan Bros.—(1) \$5.50, (2) \$4.50. * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Feb. 23, 1:15, 1:30 & 1:45 p.m., bids will be received by the State Division of Highways, Department of Public Works, J. W. Vickrey, District Engineer, District 1, 546 West Washaw Ave., Eureka, for the rental for 500 hours each of two 3-yd. dump trucks for use in District 1, under power shovels for hauling slide material, gravel, etc.

Plans and specifications may be obtained from above office. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 21, 12 M., bids will be received by the Los Angeles County Purchasing Agent for furnishing remote control system for operation of butterfly valves for San Gabriel Dam No. 1. Vendor shall supply pump and motor unit, electrical equipment, indicator transmitters, flexible shafting and sump tank; Quot. 6437. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 21, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for the rental of two tank trucks, not less than 1000-gal. capacity each, without drivers, to be used in hauling fuel in Los Angeles county drainage area for approximately 120 days. Circ. Prop. 304. Bid bond 10% must accompany bid. * 25

29—STREETS AND HIGHWAYS

February 15, 1938.

BIDS OPENED

KENDRICK PROJECT, Wyo.—M. I. Searis, 509 15th St., Denver, Colo., at \$37,962.50, submitted low bid to the Bureau of Reclamation, Casper, Wyoming, under Spec. No. 1022-D, for the construction of the Laramie transmission line road to the Sem-

- oe Dam, Kendrick Project, Wyo.
 Work Involves:
 1) 2 miles machine grading;
 2) 8,500 c.y. excav., common, for road;
 3) 25,500 c.y. excav., rock, for road;
 4) 50 c.y. excav., common, for structures;
 5) 100 c.y. excav., rock, for strucs.;
 6) 350 c.y. backfill;
 7) 300 l.f. laying 18-in. diameter corrugated metal pipe;
 8) 600 c.y. rubble masonry.
 Total bids follow:
 A) M. J. Sears, 509 15th St., Denver, Colo.—\$37,962.50.
 B) Sharrock & Pursel, Casper, Wyo.—\$39,675.
 C) Northwestern Engrg. Co., Rapid City, S. Dak.—\$41,495.
 D) A. H. Read Co., Cheyenne, Wyo.—\$52,717.50.

- E) Geo. W. Condon Co., Omaha, Neb.—\$55,475.
 F) Gunther & Shirley Co., Los Angeles, Cal.—\$58,800.
 G) Woodward Constr. Co., Rock Springs, Wyo.—\$79,125.

Unit prices follow:

	(A)	(B)		
1).....	\$500.00	\$350.00		
2).....	.85	1.00		
3).....	.85	1.00		
4).....	1.00	2.00		
5).....	4.00	2.00		
6).....	.75	.80		
7).....	.50	.65		
8).....	12.00	7.00		
(C)	(D)	(E)	(F)	(G)
\$300.00	\$400.00	\$1500.00	\$250.00	\$225.00
.97	.50	.50	1.40	1.80
.97	1.26	1.35	1.40	1.80
3.00	1.25	3.00	7.00	6.00
3.00	5.00	4.00	7.00	6.00
1.00	1.00	1.00	1.50	1.00
.30	.75	1.00	1.00	1.00
12.00	24.00	21.00	15.00	26.25
				* 29

BIDS OPENED

MERCED, Mariposa and Stanislaus Cos., Cal.—Sheldon Oil Co., Suisun, at \$2.49 per barrel, submitted low bid to the State Division of Highways, R. E. Pierce, Division Engineer, District X, 1200 North Center St., Stockton, for applying diesel oil to roadside vegetation for about 131.4 roadside miles at various locations in Merced, Mariposa, and Stanislaus Counties. The work involves 1050 barrels of diesel oil.

Total bids follow:

Sheldon Oil Co., Suisun.....	\$2.49
Lee J. Immel, Berkeley.....	2.51
P. Bréen, Sacramento.....	2.74
Wilfields Trucking Co., Bakersfield.....	3.15
	* 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened as noted below:

*V-Non-Feeder—Bet. 5 miles and 9 miles west of Greenfield: PLANS (No. of Sheets), 4; cost, \$0.40; CROSS-SECTIONS (No. of Sheets), 24; cost, \$2.40; total, \$2.80.

*VII-L.A.-205-S.Pas—On Arroyo Seco Parkway bet. Arroyo Seco Channel and Grand Avenue: PLANS (No. of Sheets), 43; cost, \$6.50; CROSS-SECTIONS (No. of Sheets), 3; cost, \$0.70; total, \$7.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

† To be opened in San Francisco

on March 4, 1938.
 * To be opened in Los Angeles on March 3, 1938. * 29

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 25, 2 P. M., bids will be received by Los Angeles Water and Power Purchasing Agent for centrifugal cast or horizontal sand cast CI, bell and spigot pipe: Spec. 2548, as follows:
 I 15,000 ft. 6-in. ID, wall thickness 0.43-l.f., fob trucks Vesper and Aetna St. yard, Van Nuys, delivery within 42 days.
 II Same, delivered within 49 days.
 III 10,000 ft. 8-in. ID, wall thickness 0.50-l.f. fob Hewitt Street yard, Los Angeles, within 45 da.
 IV Same, delivered within 54 days. * 29

CONTRACT AWARDED

CHURCHILL CO., Nevada.—Dodge Const. Co., Inc., Fallon, Nevada, at \$35,452.22 was awarded contract by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of approximately 3.04 miles of highway from a point approximately ½ mile south of Fallon to a point approximately 2 miles southwest, Churchill County, Nevada.

Complete bids will be published shortly. * 29

LOW BIDDER

COCHISE CO., Ariz.—Tanner Construction Co., 801 Security Building, Phoenix, at \$75,286, submitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of Ft. Huachuca-Bisbee Highway, P.A. 133A (1938), AFE 9202 and FA 133B (1938), AFE 9203. The work, which is approximately located between 9 and 15 miles west of Bisbee, consists of grading, draining, aggregate base course and asphalt surface treatment and is to be completed on or before August 15. * 29

CONTRACT AWARDED

EUREKA CO., Nev.—Silver State Const. Co., Inc., Fallon, Nevada, at \$27,968.44 was awarded contract by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of approximately 4.02 miles of highway from a point on State Route No. 1, approximately 5.7 miles east of Dunphy to a point approximately 0.82 mile north of Beowawe, Route No. 21, Section B, Eureka County.

Complete bids will be published shortly. * 29

BIDS WANTED

STATE OF WASHINGTON.—Until March 1, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, Wash., for bridge and highway construction, as follows:

STEVENS CO.: Clearing, grading, draining, surfacing and constructing a reinforced concrete and steel undercrossing on about 0.4 mile of Primary State Highway No. 3, G. N. Ry. Undercrossing near Clayton, Federal Aid Grade Crossing Project No. FAGH-16, in Stevens Co., involving about 20,740 c.y. of excavation, 2,540 c.y. of selected roadway borrow, 476 c.y. of concrete, 9 MBM of treated timber and lumber, 34,460 lbs. of steel reinf. bars, 140,000 lbs. of structural steel, 1,582 l.f. of cable guard rail design No. 6, 296 l.f. of pipe culverts and other items.

KING COUNTY: Clearing, grading, draining, surfacing and constructing a reinforced concrete girder bridge and pile and timber detour bridge on about 0.9 mile of Primary State Highway No. 5, Summit Federal Aid Grade Crossing Project

No. FAGS 19-B, in King County, involving about 6 acres of clearing, 39,050 c.y. of excavation, 7,570 c.y. of selected roadway borrow, 1,510 c.y. of crushed stone surfacing, 348 c.y. of concrete, 101,000 lbs. of steel reinforcing bars, 1,600 lbs. of structural steel, 4,256 l.f. of cable guard rail design No. 6, 170 l.f. of pipe culverts and other items.

MASON COUNTY: Clearing, grading, draining, surfacing and constructing a treated pile and timber trestle with ballasted deck on about 0.5 mile of Primary State Highway No. 3, Jonstedts Creek North, Federal Aid Project No. 136-J, in Mason Co., involving about 1 acre of clearing, 38,190 c.y. of excavation, 950 c.y. of crushed stone surfacing, 731 c.y. of sack riprap, 78 MBM of treated timber and lumber, 1,850 l.f. of treated timber piling, 186 l.f. of pipe culverts and other items.

GRAYS HARBOR CO.: Clearing, grading, draining and surfacing of about 5.1 miles of Primary State Highway No. 9, Cook Creek Hill to Quinault, Federal Aid Project No. 43-B, in Grays Harbor County, involving about 28 acres of clearing, 49,280 c.y. of excavation, 36,710 c.y. of selected roadway borrow, 2,980 c.y. of shoulder material, 11,690 c.y. of crushed stone surfacing, 95 c.y. of concrete, 13,300 lbs. of reinforcing bars, 1,927 l.f. of pipe culverts and other items.

SKAMANIA CO.: Constructing a reinforced concrete T-Beam bridge on a portion of Primary State Highway No. 8, Rock Creek Bridge near Stevenson, State Project, in Skamania County, involving about 380 c.y. of excavation, 603 c.y. of concrete, 135,000 lbs. of steel reinforcing bars, 3,200 l.f. of steel piling, 2,500 c.y. of riprap and other items.

ADAMS COUNTY: Grading, draining and surfacing of about 10.5 miles of Primary State Highway No. 18, Grant County Line to Ritzville, Section 1, State Project, in Adams Co., involving about 397,800 c.y. of excavation, 63,540 c.y. of selected rdwy. borrow, 3,030 c.y. of shoulder material, 37,600 c.y. of crushed stone surfacing, 71 c.y. of concrete, 12,360 lbs. of steel reinf. bars, 22,250 l.f. of cable guard rail design No. 6, 29 MBM of treated and 1 MBM of untreated timber and lumber, 3,225 l.f. of pipe culverts and other items.

ADAMS COUNTY: Grading, draining and surfacing of about 10 miles of Primary State Highway No. 18, Grant County Line to Ritzville, Section 2, State Project, in Adams Co., involving about 283,350 c.y. of excavation, 60,800 c.y. of selected rdwy. borrow, 2,990 c.y. of shoulder material, 35,930 c.y. of crushed stone surfacing, 1,560 c.y. of mineral aggregate (oil rock) 94 c.y. of concrete, 16,420 lbs. of steel reinf. bars, 21,955 l.f. of cable guard rail design No. 6, 10 MBM treated timber and lumber, 2,325 l.f. of pipe culverts and other items.

LINCOLN & ADAMS COS.: Surfacing and stockpiling crushed stone surfacing material and constructing a light bituminous surface treatment on about 27.5 miles of Secondary State Highway No. 4-B, Odessa to Lind, State Project, in Lincoln and Adams Cos., involving about 20,100 c.y. of crushed stone surfacing, 602 tons of bituminous cement and other items.

ADAMS COUNTY: Manufacturing and stockpiling crushed stone surfacing material and constructing a light bituminous surface treatment on about 25.2 miles of Secondary State Highway No. 11-E, Ritzville to Washtucna, State Project, in Adams County, involving about 11,450 c.y. of crushed stone surfacing

in stockpiles, 610 tons of bituminous cement and other items.

LEWIS COUNTY: Manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on Secondary State Highways Nos. 1-P and 12-E, Section 1, Secondary State Highway No. 1-P, Vader to Ryderwood and Section 2, Secondary State Highway No. 12-E, Napavine to Winlock, State Project, in Lewis County, involving about 2,320 c.y. of crushed stone surfacing and 2,990 c.y. of mineral aggregates (oil rock).

THURSTON: Grays Harbor and Mason Cos.: Manufacturing and stockpiling crushed stone surfacing on Secondary State Highways Nos. 1-M and 9-D; Section 1, Secondary State Highway No. 1-M, Rochester North and Section 2, Secondary State Highway No. 9-D, McCleary to Kamilche, State Project, in Grays Harbor, Thurston and Mason Counties, involving about 5,340 c.y. of crushed stone surfacing.

PACIFIC CO.: Clearing, grading, draining, surfacing and constructing a light bituminous surface treatment and seal coat on about 7.6 miles of Primary State Highway No. 12, Johnson's Landing to Bear River Dyke, State Project, in Pacific Co., involving about 14 acres of clearing, 15,270 c.y. of excavation, 20,410 c.y. of ballast, 21,710 c.y. of crushed stone surf., 1,440 c.y. of mineral aggregates (oil rock), 285 tons of bituminous cement, 2,000 c.y. of riprap, 969 lf. of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

LOW BIDDERS

EUREKA CO., Nev.—Silver State Constr. Co., Inc., Fallon, Nev., at \$27,968.44, submitted low bid to the Directors of the Dept. of Highways, Heroes Memorial Bldg., Carson City, Nev., for the construction of approximately 4.62 miles highway from a point on State Route No. 1 approximately 5.7 miles east of Dunphy to a point approximately 0.82 mi. north of Beowawe, Route No. 21, Section B, Eureka Co., Nevada.

Utah Constr. Co., Ogden, at \$30,349.33, submitted second low bid. Complete bids will be published shortly. * 29

BIDS OPENED

IMPERIAL COUNTY, Cal.—R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at \$26,301.25 submitted low bid to the State Division of Highways, 1365 Harbor Blvd., San Diego, for applying road mix surface treatment to 23.8 miles of existing roadbed between New River and two miles west of Calipatria and between five miles and two miles west of Brawley, Imperial County.

Work involves:

- (1) 170 M. gals. water;
- (2) 23.8 miles finishing roadway;
- (3) 33,900 sq. yds. shaping and compacting subgrade;
- (4) 254,650 sq. yds. preparing mix and shaping roadbed;
- (5) 1,625 tons of liquid asphalt SC-2 road-mix surf. treatment;
- (6) 270 tons of liquid asphalt SC-2 prime coat.

Total bids follow:

- (A) R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, \$26,301.25.
- (B) Oswald Bros., Los Angeles, \$26,497.56.
- (C) Macco Const. Co., Clearwater, \$27,725.70.
- (D) G. W. Allen, \$28,032.25.
- (E) J. E. Haddock, Ltd., Pasadena, \$28,270.50.
- (F) Gogo & Rados, Los Angeles, \$29,291.05.

(G) C. W. Wood, Stockton, \$29,668.35.

(H) J. A. Casson, Hayward, \$29,915.60.

(I) Basich Bros., Los Angeles, \$30,312.35.

(J) V. R. Dennis Const. Co., San Diego, \$30,994.95.

(K) Geo. R. Curtis Paving Co., Los Angeles, \$31,536.35.

(L) Griffith Co., Los Angeles, \$31,617.65.

(M) J. C. Compton, McMinnville, Oregon, \$31,853.30.

(N) Warren-Southwest, Inc., Los Angeles, \$33,385.50.

(O) Oilfields Trucking Co., Fresno, \$36,522.30.

(P) A. S. Vinnell & Co., Los Angeles, \$37,457.80.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	\$1.25	\$50.00	\$0.02	\$0.3	\$8.75	\$8.75
(B)	1.05	12.20	.013	.03	9.50	9.30
(C)	2.00	30.00	.015	.038	8.70	8.70
(D)	1.00	50.00	.04	.023	10.00	10.00
(E)	2.00	50.00	.02	.035	9.00	9.00
(F)	1.00	40.00	.03	.037	8.80	9.05
(G)	2.00	50.00	.03	.039	9.00	9.50
(H)	2.00	25.00	.019	.035	10.25	10.25
(I)	2.00	2.00	.04	.05	8.25	9.00
(J)	1.00	150.00	.035	.038	8.65	8.65
(K)	2.00	75.00	.02	.044	9.25	9.25
(L)	2.50	40.00	.038	.043	9.50	9.50
(M)	2.00	50.00	.02	.042	10.00	10.00
(N)	2.00	50.00	.015	.035	11.25	14.50
(O)	1.50	20.00	.04	.04	10.18	10.18
(P)	.92	125.00	.038	.048	11.00	11.00

BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until Feb. 28, 11 A. M., bids will be received by the Pasadena city directors, Room 218 City Hall, for the improvement of the Union Street Extension between Euclid Ave. and Los Robles Ave., approximately 450 lf., involving concrete curbs, gutters, sidewalks and asphaltic conc. pavement. Spec. may be obtained at the office of the city engineer, Harvey H. Hincks, 1048 Wash, certificate of deposit, certified check or draft, or cashier's check or draft for 5% must accompany each proposal. Edward O. Nay, acting city manager.

The work involves:

- (1) excavation, lump sum (approx. 800 c.y.);
- (2) 1710 sq. ft. removal of old macadam paving (Euclid Ave.);
- (3) 2640 sq. ft. removal of asphalt concrete wearing surf. (Los Robles Ave.);
- (4) 907 lf. concrete curb;
- (5) 129 lf. curb armor;
- (6) 910 sq. ft. 6-in. gutter;
- (7) 1160 sq. ft. 8-in. gutter;
- (8) 7060 sq. ft. cement conc. sidewalk;
- (9) 21,112 sq. ft. 6-in. asph. conc. pavement;
- (10) 95 tons asph. conc. base course and wearing surf.;
- (11) 4 concrete street name blocks in place;
- (12) lump sum, extra payment, if comp. insurance, faithful performance bond, labor and material bonds are required to be obtained from a bona fide Pasadena agent. * 29

BIDS WANTED

LONG BEACH, Cal.—Until Feb. 24, 11 a.m., bids will be received by Lt. Comdr. L. N. Moeller, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8642, for asphaltic concrete paving at the 11th Naval District (Naval Reserve Aviation Base), Long Beach, Cal. Work consists of providing and constructing a 3-inch, one-course asphaltic cement concrete warming-up platform, including the necessary grading and the preparation of subgrade.

Plans and specifications may be

obtained from the above office upon deposit of \$10.00. * 29

LOW BIDDER

KING CO., Wash.—L. Romano Engineering Co., 1300 Dearborn Street, Seattle, at \$128,964, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for 1,453 miles of grading and 1,872 miles of advance clearing on the Stevens Pass Highway, Washington National Forest Highway Grading and Advance Clearing Project 8-C, King County, Wash.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

MARIN CO., Cal.—Granfield, Farrer & Carlin, 67 Hoff St., San Francisco, at \$63,943, awarded contract by the State Division of Highways, State Bldg., San Francisco, for grading and surfacing with armor coat 1.5 miles between San Geronimo and one mile north of Fairfax, Marin Co., Calif. * 29

CONTRACT AWARDED

VENTURA CO., Cal.—J. E. Haddock, Ltd., 357 N. Chester Avenue, Pasadena, and Crow Eros Constr. Co., 5100 Alhambra Blvd., Los Angeles, at \$89,825, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about 1.7 miles between La Cross and Oakview, Ventura Co., Cal. * 29

BIDS WANTED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Cos., Cal.—As previously reported, until Feb. 23, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, Dist. V, 50 Higuera St., San Luis Obispo, for applying diesel oil to roadside vegetation for about 242.6 roadside miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara counties.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

MARICOPA and Yuma Cos., Ariz.—Fisher Cont. Co., Phoenix, at \$11,932.81 was awarded contract by the Arizona State Highway Department, Phoenix, for improvement of Phoenix-Yuma Highway FA 56, 3rd reop. (1938) AFE 8033. The work, which is located about five miles west of Gila Bend, consists of grading and draining ½ mile of roadway and placing aggregate base course and oil mix using SC-3 road oil and is to be completed on or before April 30. * 29

CONTRACT AWARDED

ORANGE CO., Calif.—Vido Kovacevich, 5400 Imperial Highway, Lynwood, at \$38,929, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete about one mile between Orange and Olive, Orange Co., Calif. * 29

LOW BIDDER

PINAL AND GILA COS., Ariz.—Lee Moor Contracting Co., Bassett Tower Bldg., El Paso, Texas, at \$105,329, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Superior-Miami Highway, FA 16, 2nd Reop. (1938), AFE 7009. * 29

February 14, 1938

BIDS WANTED

HICKAM FIELD, T. H.—Until Mar. 16, 1:30 P. M., bids will be received at the office of the Constructing Quartermaster, Ft. Mason, San Francisco; and at 11 A. M., at the Office of the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W 397-38-23, for the construction and completion of Sections "B" and "C" of the landing mat, Hickam Field, T. H.

- Work involves:
- (1) lump sum for the construction and completion of Sections "B" and "C" of landing mat, including all excavating, filling and grading and the construction of compacted base, finish paving, drainage lines, electric duct, etc.;
 - (2) Alt. 1: Add or deduct if 4-in. thick bituminous macadam pave., penetration method, using emulsified asphalt is applied to the surfaces of Sections B and C of landing mat in lieu of 4-in. bituminous macadam pavement using hot asphalt;
 - (3) Alt. 2: Add if a 300-ft. wide extension to Mat A is constructed to length shown on drawings, paved with 4-in. thick bituminous macadam pavement using hot asphalt and drainage lines, etc.;
 - (4) Alt. 2A: Add if the 300-ft. wide extension to Mat A is constructed under Alt. No. 2 and a 4-in. thick bituminous macadam pavement, penetration method, using emulsified asphalt is applied in lieu of a 4-in. thick bituminous macadam pavement, using hot asphalt;
 - (5) Alt. 3: Add if a 400-ft. wide extension to Mat A is constructed to length shown on drawings, together with all drainage lines, etc., and paved with a 4-in. thick bituminous macadam pave. using hot asphalt;
 - (6) Alt. 3A: Add if the 400-ft. wide extension to Mat A is constructed under Alt. 3 and 4-in. thick bituminous macadam pave., penetration method, using emulsified asphalt is applied in lieu of bituminous macadam pave. using hot asphalt;
 - (7) Alt. 4: Add if a 500-ft. wide extension to Mat A is constructed to length shown on drawings, together with all drainage lines, etc., and paved with a 4-in. thick bituminous macadam pave., using hot asphalt;
 - (8) Alt. 4A: Add if the 500-ft. wide extension to Mat A is constructed under Alt. 4, and a 4-in. thick bituminous macadam pave., penetration method, using emulsified asphalt is applied in lieu of bituminous macadam pave., using hot asphalt;
 - (9) Alt. 5: Add if an 800-ft. wide extension to Mat A is constructed to the length shown on drawings, together with all drainage lines, etc., and paved with 4-in. bituminous macadam pavement, using hot asphalt;
 - (10) Alt. 5A: Add if the 800-ft. wide extension to Mat A is constructed under Alt. 5, and a 4-in. bituminous macadam pave., penetration method, using emulsified asphalt is applied in lieu of the bituminous macadam pavement, using hot asphalt.
- (11) unit prices:
- (a) excavation, general, unclassified, per c.y.;
 - (b) compacted fill, per c.y.;
 - (c) coral base course (graded and compacted, 4-in. thick) per sq. yd.;
 - (d) finish pavement (4-in. thick, bituminous macadam, using hot asphalt) per sq. yd.;

- (e) finish pavement (4-in. thick bituminous macadam, penetration method using emulsified asphalt) per sq. yd.;
- (f) overhaul (beyond stated haul), per sta. c.y.;
- (g) concrete (type A, inc. forms), per c.y.;
- (h) concrete (type B, inc. forms), per c.y.;
- (i) 18-inch concrete pipe (in place) per l.f.;
- (j) 15-in. concrete pipe (in place), per l.f.;
- (k) 1½-in. galv. iron pipe (in pl.), per l.f.;
- (l) 1-way electric duct, per l.f.;
- (m) 2-way electric duct, per l.f.;
- (n) 3-way electric duct, per l.f.;
- (o) 4-way electric duct, per l.f.;
- (p) night lighting M.H., each;
- (q) brick drainage M.H., each;
- (r) concrete drainage M.H., each;
- (s) manhole castings, per lb.;
- (t) reinforcing steel, per ton;
- (u) header boards (3x4-in.) per l.f.

Plans and specifications may be obtained from the above offices upon the deposit of \$50. If requested from Fort Mason, a certified check made payable to the Finance Officer, Fort Mason; if requested from Hickam Field, a certified check made payable to the Finance Officer, Fort Shafter, T. H.

BIDS WANTED

LOS ANGELES, Cal.—Until March 2, 10 A. M., bids will be received by the Los Angeles board of public works for improvement of Hobart Blvd. between Leighton and Santa Barbara, a cash contract.

Work involves:

- (1) lump sum, grading (250 c.y. cut)
- (2) 250 tons rock and oil;
- (3) 394 sq. ft. asph. conc. wearing surface, average thickness 3½-in.;
- (4) 53 sq. ft. asph. conc. pave., 7-in. thick;
- (5) 37 l.f. unplastered heavy curb;
- (6) 1292 l.f. unplastered light curb;
- (7) 473 sq. ft. 4-in. walk;
- (8) 453 sq. ft. 3-in. walk;
- (9) 2822 sq. ft. 6-in. conc. gutter;
- (10) 226 sq. ft. 7-in. conc. gutter;
- (11) lump sum, replace roof drains;
- (12) re-set one manhole.

29

CONTRACT AWARDED

LOS ANGELES, Cal.—Tomei Construction Co., 4737 Orion Ave., Van Nuys, at \$24,761.50 was awarded the contract by Los Angeles board of public works for grading, paving and otherwise improving streets in Bauchet St. and Avila St. improvement district, Union Passenger Terminal Station, PWA Project 4361, Unit J-4.

29

BIDS WANTED

SAN BRUNO, San Mateo Co., Cal.—Until Feb. 23, 8 p.m., bids will be received by the San Bruno City Council, City Clerk, City Hall, San Bruno, for the construction of 63,000 sq. ft. of 4-in. sidewalk in the City of San Bruno. Engineer's estimate, \$12,100.

Plans and specifications may be obtained from the above office; F. A. Savage, City Engineer.

29

CONTRACT AWARDED

MERCED CO., Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at \$14,472 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for 8.9 miles of grading and constructing untreated crushed stone or gravel borders between 1.7 miles east of Los Banos and easterly boundary, Merced County.

29

BIDS WANTED

LOS ANGELES, Cal.—Until March 2, 10 a.m., bids will be received by Los Angeles board of public works for improvement of Olympic Blvd. between Indiana St. and 8th St., a cash contract. The work involves:

- (1) Lump sum, grading (3943 c.y. cut; 13 c.y. fill), including removal of existing improvements;
- (2) 49,362 sq. ft. 6-in. conc. pave.;
- (3) 565 sq. ft. 8-in. concr. pave. (local depressions);
- (4) 257 sq. ft. 3-in. rock and oil roadway;
- (5) 751 sq. ft. class C resurf.;
- (6) 314 sq. ft. class D resurf.;
- (7) 49,362 sq. ft. 4-in. subgrade stabilization;
- (8) 244 l.f. monolithic curb;
- (9) 1550 l.f. unplastered heavy curb;
- (10) 409 l.f. curb armor;
- (11) 1385 l.f. curb bar;
- (12) 179 sq. ft. 3-in. walk;
- (13) 825 sq. ft. 5-in. walk;
- (14) Lump sum, sanitary sewer;
- (15) 151 ft. 6-in. house connection sewers;
- (16) Lump sum, storm drain;
- (17) Lump sum, ornamental lighting conduit (567 ft. 1½-in. and 28 ft. 2-in. conduit);
- (18) reset manhole;

- Storm drain involves:
- 1 junction chamber 3;
 - 55 ft. 48-in. reinf. concr. pipe;
 - 689 ft. 21-in., 266 ft. 18-in., 49 ft. 15-in. and 321 ft. 12-in. cem. concr. pipe;
 - 6 manholes;
 - 6 manhole frame and cover sets;
 - 21 catch basins;
 - 19 catch basin frame and cover sets;
 - 4 catch basin frame and grate sets;
 - 3 junction struc C;
 - 8 ft. conc. reinf. for 18-in. pipe;
 - 7 ft. conc. reinf. for 15-in. pipe;
 - 65 ft. concr. reinf. for 12-in. pipe;
 - 1 reconstr. catch basin top;
 - 350 ft. culvert removal;
 - 6 seal culverts;
 - 183 ft. pipe removal;
 - 4 seal pipes;
 - 11 remove catch basins;
 - 1 remove junction chamber;
 - 55 ft. special support 48-in. pipe;
 - 60 ft. curb;
 - 143 sq. ft. walk;
 - 6 concr. wall sewer supports. * 29

BIDS OPENED

CALAVERAS, Stanislaus, Tuolumne and Amador Cos., Calif.—Sheldon Oil Co., Suisun, at \$3112.50, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for applying diesel oil to roadside vegetation for about 175.5 roadside miles at various locations in Calaveras, Stanislaus, Tuolumne and Amador Counties. Work involves about 1250 barrels of diesel oil.

Total bids follow:
Sheldon Oil Co., Suisun—\$2.49 per barrel; total \$3112.50.

J. P. Breen, Sacramento—\$2.80; \$3500.

Lee J. Immel, Berkeley—\$2.86; \$3575.

Oilfields Trucking Co., Bakersfield—\$3.78; \$4725.11. * 29

LOW BIDDERS

CHURCHILL CO., Nevada.—Dodge Constr. Co., Inc., Fallon, Nev., at \$35,459.22, submitted low bid to the Directors of the Department of Highways, Herodes Memorial Bldg., Carson City, Nevada, for the construction of approximately 3.04 mi. of highway from a point approximately ½ mile south of Fallon to a point approximately 2 miles southwest, Churchill County, Nevada.

J. A. Casson, Hayward, at \$36,-

151.16, submitted second low bid.

Complete bids will be published shortly. * 29

LOW BIDDERS

PIMA CO., Ariz.—Tanner Constr. Co., 801 Security Bldg., Phoenix, at \$56,204.15, submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Arizona, for grading and placing crushed gravel surface course with bituminous treatment (light surface application) on 5.614 ml. of highway, of which 0.019 miles is bridged over 20-ft. span, Federal Lands Highway, Route 5, Tucson-Ajo Highway, Pajaro Indian Reservation, Pima Co., Arizona.

Three low bids follow:

Tanner Constr. Co., 801 Security Bldg., Phoenix—\$56,204.15.

Pearson & Dickerson Contractors, Inc., Prescott—\$56,878.50.

Martin Constr. Co.—\$59,509.25.

Complete bids will be published shortly. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

UMATILLA COUNTY, Ore.—Until March 2, 3 P. M., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 69-38-247, for extending, raising and strengthening existing levee between the Round-up grounds and sewage disposal plant, along Umatilla River at Pendleton, Oregon.

Work involves:

- (1) one job clearing and grubbing;
- (2) 4700 c.y. excavation for rock toe;
- (3) 27,100 c.y. borrow excavation;
- (4) 9,000 tons rock toe protection;
- (5) 9,600 tons riprap.

Plans and specifications may be obtained from the above office and at the City Hall, Pendleton, Oregon. * 30

LOW BIDDER

PROVO RIVER PROJECT, Utah.—Rohl-Connelly Co., 4351 Valley Blvd., Los Angeles, at \$2,189,096.50, submitted low bid to the U. S. Bureau of Reclamation, 336 Federal Bldg., Salt Lake City, Utah, under Spec. No. 768, for the construction of the Deer Creek Dam and railroad and highway relocation, Provo River Project, Utah.

Three low bids follow:

Rohl-Connelly Co., 4351 Valley Blvd., Los Angeles, \$2,189,096.50.

Guy F. Atkinson Co., San Francisco: \$2,317,714.50.

Mitty Bros. Const. Co., Los Angeles: \$2,365,076.00. * 30

HEARING SET

A public hearing will be held at Ventura, California, in the Board of Supervisors' Room, County Courthouse, at 10:00 a. m., Thursday, Mar. 10, 1938, concerning preliminary examination of Santa Clara River, California, with a view to control of floods, water conservation, soil erosion prevention, etc., in accordance with Congressional Acts of August 28, 1937, and June 22, 1936, as modified by Act of July 19, 1937.

THEODORE WYMAN, JR.,

Major, Corps of Engineers,
District Engineer. * 30

CONSIDERING PROPOSAL

GRAND COULEE DAM, Wash.—The Bureau of Reclamation is considering proposal to clear Columbia river shore upriver from project, which will be flooded by completion of Grand Coulee Dam. Plans call for the expenditure of \$15,000 WPA funds for labor before the end of fiscal year on June 31, and \$380,000

for equipment by Bureau of Reclamation. Equipment would include trucks, tractors, bulldozes, dump wagons, rooters, scarifiers, shovels, rakes, etc. * 30

HEARING SET

A public hearing will be held at Arroyo Grande, California, in the City Hall, at 10:00 A. M., Friday, March 11, 1938, concerning preliminary examination of Arroyo Grande Creek in San Luis Obispo County, California, with a view to control of floods, water conservation, soil erosion prevention, etc., in accordance with Congressional Acts of August 28, 1937, and June 22, 1936, as modified by Act of July 19, 1937.

THEODORE WYMAN, JR.,
Major, Corps of Engineers,
District Engineer. * 30

BIDS WANTED

BOISE PROJECT, Idaho.—Until Feb. 21, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 601-B, for the construction of earthwork and structures for open drains, Boise-Kuna Irrigation District, Boise Project, Idaho.

Work involves:

- (1) 1500 c.y. excav. for cleaning and enlarging old drains;
- (2) 44,500 c.y. excav. for new drains;
- (3) 100 c.y. excav. for structures;
- (4) 800 c.y. backfill about strucs.;
- (5) 170 c.y. puddling or tamping backfill about structures;
- (6) 5.5 MFEM erecting timber in structures;
- (7) 293 c.f. laying 15-in. and 3-in. CMP.

Plans and specifications may be obtained from the above office. * 30

31—PIPE LINES & WELLS

BIDS WANTED

PORTERVILLE, Tulare Co., Cal.—Until March 1, 7:30 P. M., bids will be received by the Porterville City Council, F. M. Phipmmer, City Manager, for furnishing all labor and materials for the following work:

1. Removing turbine pump from well at Plant No. 1.
2. Removing deep well triplex pump at Plant No. 3.
3. Casing well and filling pit at Plant No. 3.
4. Installing used deep well turbine pump from Plant No. 1 at Plant No. 3, complete with necessary conduits, wiring, electrical motor controls and required apparatus and appurtenances and connections.
5. Alt. A. Furnishing and installing new deep well turbine pump at Plant No. 3 complete with necessary conduits, wiring, electrical motor controls and required apparatus and appurtenances and connections, to pump 900-gpm. 270-ft. head, 100-hp. motor.
6. Alt. B. Furnishing and installing new deep well turbine pump at Plant No. 3 complete with necessary conduits, wiring, electrical motor controls and required apparatus and appurtenances and connections, to pump 900-gpm. 100-ft. head, 40-hp. motor.
7. Alt. BB. Furnishing and installing new booster pump with 60-h.p. motor at Plant No. 3, complete with necessary conduit, wiring, electrical motor controls, required connections to pipe lines, and required apparatus and appurtenances, to pump 900-gpm at 170-ft. head.

8. Furnishing and installing new deep well turbine pump at Plant No. 1 complete with necessary conduits, wiring, electrical motor controls and required apparatus and appurtenances and connections to pump 1000-

gpm at 95-ft. head, 40-hp. motor.

9. Reinstalling used booster pump with 30-h.p. motor at Plant No. 1 complete with necessary conduit, wiring, electrical motor controls, required connections to pipe lines, and required apparatus and appurtenances.

10. Furnishing and installing new booster pump with 60-h.p. motor at Plant No. 1, complete with necessary conduit, wiring, electrical motor controls, required connections to pipe lines, and required apparatus and appurtenances, to pump 1200-gpm a 160-ft. head.

11. Furnishing and installing as required pipe lines and connections between pumps and pipe lines and ground storage reservoir.

The city will consider for sale or offset in said bids of the following equipment, to-wit:

1. Deep well Triplex pump with connecting rods, water barrels, cylinders, steel tie rods, air chamber and ladder after same is dismantled and on top of ground.

One 30-hp. Westinghouse type C motor now at Plant No. 3.

One 100-h.p. G-E 2200-volt motor.

One leather belt 13½ inches wide, about 70-ft. long.

Two gate valve stem extensions (well valve and by-pass valve).
100 ft. 12-in. suction pipe (now in well).

One sump pump and electric motor.

60 feet, more or less, of 10-inch discharge pipe.

One deep well turbine pump and 75-h.p. motor removed from well in plant No. 1, complete with starter (no switch) underground discharge tee, air line.

Plans and specifications may be obtained from the City Clerk or Irvin H. Althouse, upon deposit of \$5. * 31

COMPLETE BIDS

BAKERSFIELD, Kern Co., Cal.—Gogo & Rados, 10253 Santa Monica Blvd., Los Angeles, at \$4614.96, submitted low bid to the Bakersfield City Council, V. Van Ripper, City Clerk, City Hall, for the construction of a concrete pipe storm drain in Brundage Lane between Oleander Avenue and the Virginia Tract Pumping Station, Bakersfield, Calif. Engineer's estimate, \$4359.89.

Work involves:

- (1) 2 catch basin grates;
- (2) 6 frames and covers;
- (3) 60 sq. ft. gutter;
- (4) 12 c.y. struc. concrete;
- (5) 2463.80 ft. 16-in. diam. concrete pipe;
- (6) 645.89 ft. 12-in. do.;
- (7) 251 ft. 8-in. do.;
- (8) 420 ft. 6-in. do.

Total bids follow:

(A) Gogo & Rados, 10253 Santa Monica Blvd., L. A.—\$4,614.96.

(B) Alton B. Carter, Avenal—\$5,433.95.

(C) Bakersfield Plumbing Co., Bakersfield—\$6,296.43.

Prices follow:

	(A)	(B)	(C)
(1).....	\$100.00	\$ 20.00	\$125.00
(2).....	180.00	90.00	150.00
(3).....	18.00	21.00	30.00
(4).....	300.00	360.00	204.00
(5).....	2956.00	3695.70	4065.27
(6).....	591.30	710.45	955.81
(7).....	175.10	200.80	301.20
(8).....	294.00	336.00	462.00

LOW BIDDER

YERBA BUENA ISLAND, Cal.—Manuel Smith, 588 22nd St., Oakland, at \$11,529.70 submitted low bid to the San Francisco Bay Exposition Co., 555 Bush St., San Francisco, under Contract No. 144, for the con-

struction of connecting lines to the catchbasins and down spouts on Yerba Buena Shoals. * 31

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$429 was awarded contract by the Department of Public Works, Rm. 251, City Hall, for the installation of 12-in. corrugated culvert pipe in Innes Avenue between Howes and Ingall Streets, and Ingalls Street between Innes Avenue and Jerrold Avenue. * 31

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$429, submitted low bid to the Department of Public Works, Room 251, City Hall, for the installation of 12-inch corrugated culvert pipe in Innes Avenue, between Howes and Ingall Streets, and Ingalls Street, between Innes Avenue and Jerrold Avenue, San Francisco. * 31

Work involves:

- (1) 275 lin. ft. 12-inch corr. culvert.
- Total bids follow:
- E. J. Treacy, 430 Call Bldg., S. F.—(1) \$1.56; total, \$429.
- Martin Murphy—(1) \$1.60; \$440.
- Chris C. Panacci—(1) \$1.75; \$481.25.
- Eaton & Smith—(1) \$1.95; \$536.25.
- T. O'Brien—(1) \$2.40; \$662.75.
- M. Bertolino—(1) \$3.00; \$825. * 31

CONTRACT AWARDED

SAN FRANCISCO.—Martin Murphy, 734 Santa Fe Ave., Albany, at \$561.40, was awarded contract by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W.D. 168, for the laying of 6 and 8-inch cast iron mains in 29th Ave., Quintara Street to Pacheco Street, San Francisco. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

ALBANY, Alameda Co., Calif.—Until Feb. 21, 3 p.m. (opened 8 p.m.), bids will be received by the Albany City Council, H. W. Brewer, City Clerk, City Hall, Albany, for installing a deep well turbine pipe for pumping in Memorial Park, Albany. Work involves: transmission column, automatic pressure system, pump head and pump. * 33

Plans and specifications may be obtained from the above office. * 33

LOW BIDDER

OAK GROVE, Clackamas County, Oregon.—Superior Construction Co., 827 Latona St., Seattle, at \$17,514, submitted low bid to the Oak Lodge Water District, Dan Birkemeier, Secretary, for the construction of a water system. * 33

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$48,210 (Proposition B), was awarded contract by the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,065, for the construction of Section F of Alemany sewer extension from Evans Avenue to Napoleon St., San Francisco. Estimated cost, \$50,000. * 32

BIDS WANTED

BRAWLEY, Imperial Co., Calif.—Until Feb. 21, 5 P. M. bids will be received by the Brawley city council for furnishing all necessary labor, material and equipment for the extension of the filtration plant and intake pipe line for the water plant, including two filters with capacity of 1,000,000 gallons per day each; also including 763 ft. of 36-in. con-

MADERA COUNTY—BRIDGE CONSTR.—(State)

MADERA CO., Calif.—Franzini & Fredenburg, 100 Clark Street, San Rafael, at \$7998.50 (Alt. C), submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, District VI, State Highway Bldg., Fresno, for the construction of a reinforced concrete bridge across Cottonwood Creek overflow, about four miles south of Madera, Madera County, Calif. * 31

Work involves:

- (1) 24,000 lbs. bar reinf. steel;
- (2) 120 c.y. Class A Portland cement concrete (struct.);
- (3) 210 lf. solid timber railing;
- (4) One lot misc. items of work; ALTERNATIVE "A"
- (5) 608 lf. furnish cast-in-place concrete piles (type not requiring mandrel);
- (6) 16 each, steel shells driven (type not requiring mandrel); ALTERNATIVE "B"
- (7) 608 lf. furnish cast-in-place

- concrete piles (mandrel type);
- (8) 16 each, steel shells driven (mandrel type); ALTERNATIVE "C"
- (9) 608 lf. furnish precast concrete piles;
- (10) 16 each precast concrete piles driven.

Total bids follow:

- (A) Franzini & Fredenburg, 100 Clark St., San Rafael—\$8059.30 (Alt. A); \$7998.50 (Alt. C).
- (B) Palo Alto Road Materials Co., Palo Alto—\$8850 (Alt. C).
- (C) J. S. Metzger & Son, Los Angeles—\$8664 (Alt. A).
- (D) E. S. & N. S. Johnson, Pasadena—\$9416 (Alt. A).
- (E) Valley Construction Co., San Jose—\$9436.40 (Alt. A); \$8862 (Alt. B) and \$11,158 (Alt. C).
- (F) A. Soda & Son, Oakland—\$9737 (Alt. A).

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 0.0575	\$ 0.0537	\$ 0.06	\$ 0.06	\$ 0.06	\$ 0.06
(2).....	22.00	21.00	28.00	26.00	28.00	30.00
(3).....	1.75	1.60	2.00	2.00	3.00	2.50
(4).....	275.00	390.00	500.00	500.00	400.00	900.00
(5).....	3.35	.....	3.00	4.50	3.30	2.75
(6).....	85.00	.....	70.00	75.00	100.00	100.00
(7).....	.....	.....	.....	.....	4.00	.....
(8).....	.....	.....	.....	.....	100.00	.....
(9).....	2.75	1.90	.....	.....	3.50	2.75
(10).....	104.00	190.00	.....	.....	200.00	100.00

SANTA CLARA COUNTY—OVERHEAD STRUCTURE

SANTA CLARA COUNTY, Cal.—C. W. Caletti & Co., P. O. Box 243, San Rafael, at \$36,031 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete overhead structure over Madrone Drive about five miles south of Los Gatos, consisting of one 43-ft. 1-in. span, one 50-ft. 0-in. span, and one 41-ft. 1-in. span on reinforced concrete bents and abutments, Santa Clara County. * 31

Work involves:

- (1) 600 c.y. struc. excav.;
- (2) 155,000 lbs. bar reinf. steel;
- (3) 800 c.y. Class A portland cement concrete struc.;
- (4) 3 c.y. Class A do railing;
- (5) 700 lbs. cast steel rockers;
- (6) 8,800 lbs. misc. steel;
- (7) 2,160 lf. furnish treated Douglas fir piles;
- (8) 72 each, driving do;
- (9) 244 lf. aluminum railing;
- (10) 800 sq. yds. granite;
- (11) 1 lot misc. items of work.

Total bids follow:

(A) C. W. Caletti & Co., P. O. Box 243, San Rafael, \$36,031.00.

- (B) Palo Alto Road Materials Co., Palo Alto, \$36,380.30.
- (C) Carl N. Swenson Co., San Jose, \$38,787.70.
- (D) W. K. Van Bokkelen Const. Co., Oakland, \$38,841.00.
- (E) Henfey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$39,468.00.
- (F) Earle W. Heple, San Jose, \$40,506.00.
- (G) A. Soda & Son, Oakland, \$40,799.00.
- (H) F. Kaus, Stockton, \$41,191.00.
- (I) B. A. Howkins & Co., San Francisco, \$41,197.00.
- (J) E. T. Lesure, Oakland, \$41,818.
- (K) Guy F. Atkinson Co., San Francisco, \$42,529.00.
- (L) Peter J. McHugh, San Francisco, \$43,671.00.
- (M) Albert Seamer and John Carcano San Anselmo, \$44,098.00.
- (N) A. J. Raisch, San Jose, \$44,540.50.
- (O) John Rocca, San Rafael, \$45,947.00.
- (P) F. C. Amorosa & Sons, San Francisco, \$49,902.52.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 1.25	\$ 1.33	\$ 2.00	\$ 2.00	\$ 1.00	\$ 2.00	\$ 1.25	\$ 1.70
(2).....	.055	.0555	.0575	.06	.06	.06	.06	.055
(3).....	18.00	18.00	20.35	19.50	21.00	22.00	25.00	25.00
(4).....	70.00	35.00	25.00	50.00	50.00	80.00	50.00	50.00
(5).....	.30	.40	.50	.35	.30	.30	.30	.30
(6).....	.12	.12	.12	.12	.14	.15	.12	.11
(7).....	.70	.76	.50	.90	.80	.70	.75	.75
(8).....	20.00	21.60	20.00	25.00	18.00	20.00	40.00	24.00
(9).....	12.00	10.50	11.55	11.50	12.00	11.00	10.00	10.00
(10).....	5.00	6.00	5.72	5.30	5.78	5.00	3.00	4.55
(11).....	1000.00	480.00	1000.00	500.00	600.00	1000.00	1593.00	650.00

	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1).....	\$ 1.75	\$ 2.04	\$ 1.00	\$ 2.50	\$ 2.00	\$ 2.50	\$ 1.50	\$ 3.00
(2).....	.06	.065	.06	.058	.06	.0575	.058	.065
(3).....	23.00	21.00	25.00	25.00	24.00	25.50	28.00	29.55
(4).....	45.00	65.00	45.00	60.00	60.00	60.00	60.00	40.00
(5).....	.33	.50	.30	.30	.30	.35	.35	.29
(6).....	.10	.125	.15	.12	.15	.14	.12	.14
(7).....	.70	.60	.80	.67	.90	.80	.70	.68
(8).....	32.00	24.00	25.00	30.00	45.00	30.00	35.00	39.85
(9).....	10.00	12.50	14.00	12.00	15.00	10.75	11.00	14.08
(10).....	5.00	6.00	3.90	4.25	4.18	6.20	6.20	5.48
(11).....	945.00	1200.00	900.00	1800.00	500.00	600.00	500.00	675.00

crete pipe. Plans and specifications may be obtained at the office of the city clerk, O. May Juvenal. Each bid must be on a form which may be obtained at the office of the city clerk and be accompanied by a bid bond for 5%.

BIDS OPENED

TERMINAL ISLAND, Los Angeles Co., Cal.—Long Beach Iron Wks., 2100 W Anaheim, Long Beach, at \$4187 submitted low bid and was recommended for award of contract by 11th Naval District, San Diego, for sewage ejector equipment at 11th Naval District (Fleet Aviation Facilities), Reeves Field, Terminal Island, Los Angeles Harbor; Spec. 8651. The work includes furnishing and installing of duplex pneumatic ejector equipment for sewage, consisting of two ejectors, one air tank, two motor driven air compressors, control panel, piping, electric wiring and accessories. The government will furnish and install ejector pit, equipment shelter, certain piping and electric services to building.

Complete bids were: Long Beach Iron Works: (1) work complete, \$4187; (2) if contractor furnishes material and equipment and the government installs same, \$3542; (3) services of erecting engineer, \$25 day.

Hickman Bros., San Pedro: (1) \$4,207.

English & Lauer, Los Angeles: (1) \$4500; (2) \$3787; (3) \$20.

35— TUNNELS

BIDS WANTED

CENTRAL VALLEY PROJ, Cal.—Until February 21, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec No. 771, for the construction of the diversion tunnel and temporary relocation of the Southern Pacific Railroad at Shasta Dam, Kennett division, Central Valley project.

- Work involves:
- (1) 35,800 c.y. of all classes of excavation for roadway;
 - (2) 50,000 sta. c.y. of overhaul;
 - (3) 500 c.y. of all classes for excavation for struc;
 - (4) 46,750 c.y. of excav. in tunnel;
 - (5) 800 c.y. of backfill;
 - (6) 25 sq. yds. of dry-rock paving;
 - (7) 13,125 c.y. of concrete in tunnel;
 - (8) 525 c.y. of concrete in struc;
 - (9) furnishing and installing 70,000 lbs. of permanent steel tunnel supports;
 - (10) placing 10,000 lbs. of reinf. bars;
 - (11) installing 12,000 lbs. of grout and drain pipes;
 - (12) installing 300 lf. of metal sealing strips;
 - (13) drilling 750 lf. of weep holes;
 - (14) laying 25 lf. 18-in. dia. corr. metal pipe;
 - (15) placing 460 cinch anchors in tunnel lining;
 - (16) erecting 50,000 lbs. of steel cover section.

Plans and specifications may be obtained at the above office.

ALAMEDA COUNTY PERMITS UNDER \$1000

- REPAIR fire damage, \$100; 921 University, Berkeley; owner, Sanderman Co., Prem.; contractor, W. A. Rose, 478 25th St., Oakland.
- GARAGE, \$120; 2810 Acton, Berkeley; owner and contractor, I. Thompson, Prem.
- ALTERATIONS, \$150; 1107 Milvia, Berkeley; owner, R. E. Foster,

SAN FRANCISCO—Street Widening & Reconstr.—(City)

SAN FRANCISCO, Cal.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$20,010.20, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19100, for widening and reconstructing Market Street between Eleventh and Haight Streets, San Francisco. Estimated cost, \$22,907.

Work involves:

- (1) 1450 lf. stone curb reset;
- (2) 500 sq. ft. stone curb redressed;
- (3) 350 lf. armored concrete curb;
- (4) 150 lf. new granite curb in place (tangent);
- (5) 9 brick catchbasins, using existing castings;
- (6) 3 brick catchbasins, complete;
- (7) 150 lf. 10-in. VCP culvert, in place;
- (8) 9 street and traffic signs reset;
- (9) 5 low-pressure fire hydrants moved;
- (10) 5 high-pressure fire hydrants moved;
- (11) 6300 lbs. new cast iron pipe and specials;
- (12) 500 lbs. lead;
- (13) 80 c.y. high-pressure pipe excavation;
- (14) 800 lbs. wrought iron bolts, nuts and washers;
- (15) 6 electric traffic signals relocated (vehicular);
- (16) 4 electric traffic signals relocated (pedestrian);

- (17) 1 traffic signal control box relocated;
- (18) 800 c.y. asphaltic concrete wearing surface removed;
- (19) 12,500 sq. ft. 8-in. class E 5-sack concrete pavement, parking lane;
- (20) 7500 sq. ft. 6-in. Class E 5-sack concrete base;
- (21) 920 tons asphaltic concrete base course;
- (22) 760 tons asphaltic concrete wearing surface;
- (23) 450 new cross-walk markers, in place;
- (24) 5500 sq. ft. two-course concrete sidewalk.

- Total bids follow:
- (A) Eaton & Smith, 715 Ocean Ave., San Francisco—\$20,010.20.
 - (B) A. G. Raisch, San Francisco—\$20,348.
 - (C) The Lowrie Paving Co., Inc., San Francisco—\$20,511.50.
 - (D) The Fry Improvement Co., San Francisco—\$21,274.75.
 - (E) Pacific Pavements Co., Ltd., San Francisco—\$21,497.50.
 - (F) E. J. Treacy, San Francisco—\$22,792.50.
 - (G) Pacific States Construction Co., San Francisco—\$32,960.
 - (H) M. J. Lynch, San Francisco—\$23,053.
 - (I) Chas. L. Harney, San Francisco—\$26,275.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 0.31	\$ 0.60	\$ 0.40	\$ 0.48	\$ 0.44	\$ 0.30	\$ 0.60	\$ 0.50	\$ 0.40
(2).....	.63	.60	.50	.69	.60	.70	.80	.50	.80
(3).....	.70	.75	1.25	.80	.75	1.00	.90	1.00	1.25
(4).....	1.80	2.00	2.25	2.00	2.90	1.70	2.50	2.00	2.50
(5).....	75.00	80.00	75.00	80.00	60.00	56.00	80.00	65.00	75.00
(6).....	100.00	110.00	90.00	93.00	90.00	90.00	100.00	90.00	100.00
(7).....	2.50	3.00	3.00	2.45	2.25	5.00	4.00	4.00	5.00
(8).....	5.00	6.00	5.00	5.00	3.00	7.50	4.00	2.00	7.00
(9).....	25.00	80.00	50.00	77.00	40.00	60.00	85.00	50.00	40.00
(10).....	31.50	60.00	50.00	35.00	50.00	65.00	95.00	35.00	70.00
(11).....	.18	.12	.10	.095	.10	.09	.12	.11	.12
(12).....	.065	.08	.08	.06	.06	.07	.07	.06	.07
(13).....	2.50	2.50	2.00	2.00	2.00	3.00	1.50	4.00	3.00
(14).....	.19	.10	.16	.15	.17	.16	.18	.20	.18
(15).....	100.00	125.00	130.00	135.00	105.00	105.00	115.00	105.00	70.00
(16).....	60.00	25.00	30.00	28.00	68.00	68.00	80.00	68.00	70.00
(17).....	70.00	150.00	150.00	165.00	80.00	80.00	100.00	125.00	80.00
(18).....	1.00	1.00	2.50	4.00	3.60	2.75	3.25	4.00	5.50
(19).....	.36	.35	.32	.27	.24	.347	.32	.295	.37
(20).....	.175	.25	.18	.17	.17	.255	.24	.215	.30
(21).....	4.05	3.30	3.85	3.92	4.85	5.00	3.70	4.50	4.30
(22).....	4.37	3.70	4.40	4.16	5.00	5.00	4.50	5.00	5.00
(23).....	.25	.25	.15	.165	.25	.22	.30	.20	.50
(24).....	.155	.15	.13	.18	.14	.12	.14	.14	.22

- Prem.; contractor, A. A. Johnson, 1921 Dwight Way.
- ALTERATIONS and additions, \$190; 3754 Brookdale Ave., Oakland; owner and contractor, Annie Silva, Prem.
- ALTERATIONS, \$150; 966 Apgar St., Oakland; owner and contractor, S. Aiassa, 963 Apgar St.; also 1-story garage, \$100.
- REPAIRS, \$95; 622-30 Franklin St., Oakland; owner, H. Ruedy, 858 Cleveland Ave.; contractor, B. F. Woolley, 3933 Fruitvale Ave.
- ADDITION to dwelling, \$650; 4466 Redding St., Oakland; owner and contractor, Axel Carlson, Prem.
- SIGN, electric, \$75; 7202 E. 14th St., Oakland; owner, Wright Radio Service, Prem.; contractor, Wm. Johnson, 7202 E. 14th St.
- SIGN, wood, \$55; 415-17 10th St., Oakland; owner, Scenic Cafe, Prem.; contractor, Radio Signs, 921 Harrison St.
- SIGN, roof, \$175; 124 14th Street, Oakland; owner, Downtown Merchants Assn., 428 13th St.; contractor, Electrical Products Corporation, 950 30th St.; plans by Contractor.

- SHED, 1-story, \$250; 2660 Camino Lenada, Oakland; owner and contractor, I. F. Reedy, Prem.
- WRECK building, \$25; 9218 C St., Oakland; owner, M. J. Wilson, 1529 37th Ave.; contractor, C. H. Porter, 2555 E. 29th St.
- SHED, 1-story, \$75; 4244 E. 12th St., Oakland; owner and contractor, Fred Hallet, Prem.
- ALTERATIONS, \$500; 2129 Woolsey, Berkeley; owner, Mrs. M. Chelsen, premises; contractor, D. D. McKenzie.
- ALTERATIONS, \$50; 2606 Bancroft Way, Berkeley; owner and contractor, A. H. Elliott, premises.
- ALTERATIONS, \$350; 133 Hillside Ave., Piedmont; owner, Bekins Van & Storage Co., 22nd and San Pablo Ave., Oakland; contractor, O. L. Burritt, 427 63rd St., Oakland.
- REPAIRS, \$85; 926 Rose Ave., Piedmont; owner & contractor, Ernest and Lydia Billing, premises.
- ALTERATIONS, \$450; 5665 Broadway, Oakland; owner, Owen F. Aikin, 5668 Broadway; contractor, Burros Termitte and Bldg. Main. Co., 3514 Broadway.

REPAIR roof, \$44; 440 40th Street, Oakland; owner, Mr. Musser, 1000 Grand, Alameda; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

REPAIR roof, \$44; 448 40th Street, Oakland; owner, Mr. Musser, 1000 Grand, Alameda; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

RE-ROOF, \$100; 1630 3rd Ave., Oakland; owner, E. Wulbern, 3899 20th St., San Francisco; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

REPAIR roof, \$8.00; 5792 Margarido Dr., Oakland; owner, R. D. Latorno, Concord; contractor, Guy Tyler & Sons, 1502 Cedar Street, Berkeley.

REPAIR roof, \$10; 3942 Opal Street, Oakland; owner, W. Morse, 3942 Opal St.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

ALTERATIONS, \$125; 1616 41st Ave., Oakland; owner and contractor, M. Gonzales.

ALTERATIONS, \$700; 2230 Frederick St., Oakland; owner and contractor, Joe Teixeira.

SHED, \$150; 640 Gilman, Berkeley; owner and builder, Gilmore Oil Co., premises.

SHED, \$150; 640 Gilman, Berkeley; owner and builder, Gilmore Oil Co., premises.

ADDITION, \$200; 1331 Ada Street, Berkeley; owner, G. W. Goldspring, premises; contractor, E. King, 420 Hopkins St.

ADDITION, \$500.00; 5132 Telegraph, Oakland; owner and builder, J. McDonnell, 5146 Telegraph Ave.

RE-ROOF, \$75; 3093 California St., Oakland; owner, Mr. Peterson, 3093 California St.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

RE-ROOF, \$110; 776 8th St., Oakland; owner, Mrs. Anderson, 776 8th St.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

RE-ROOF, \$456; 2322 Ivy Dr., Oakland; owner, C. E. Jordan, Paio Alto; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

ALTERATIONS, \$900; 1417 23rd Ave., Oakland; owner and contractor, W. J. Wheeler, 4001 Elston Ave.

REPAIR fire damage, \$300; 100 9th St., Oakland; owner, J. McMullin, Financial Center Building; contractor, W. A. Rose, 478 25th.

RE-ROOF, \$225; 363 Adams Street, Oakland; owner, Mrs. J. D. Dozier, premises; contractor, P. L. Wiesma, 1157 71st Ave.

ADDITION, \$175; 3790 39th Avenue, Oakland; owner and contractor, F. E. Carr, premises.

GARAGE, private, \$175; 5918 Ayala Ave., Oakland; owner and contractor, G. C. Jones, 806 Shrader St., San Francisco.

SIGN, cloth, \$10; 1019 Harrison St., Oakland; owner and contractor, W. E. Ayer, premises.

SIGN, electric, \$160; 3212 E 14th St., Oakland; owner, Tompkins Bakery, premises; contractor, QRS Neon Corp., 690 Potrero Ave., San Francisco.

ALTERATIONS, \$200; 1532 Josephine, Berkeley; owner and contractor, J. S. Eicheburger, Prem.

ALTERATIONS, \$175; 2528 Piedmont, Berkeley; owner, Mrs. O. Sellers, Prem.; contractor, F. C. Christopherson, 26 Abbott Dr., Oakland.

ADDITION, \$200; 3934 Broadway, Oakland; owner, Albert Castagnola, 816 43rd St.; contractor, C. E. Chasmar, 4257 Suter St.

WRECK building, \$50; 316 Brush St., Oakland; owner and contractor, R. Wainright, 4030 Maple Ave.

KING CO., WASH.—Grading & Clearing—(Govt.)

KING CO., Wash.—L. Romano Engineering Co., 1300 Dearborn Street, Seattle, at \$128,964 (metal pipe), submitted low bid and was recommended for award by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for 1,453 miles of grading and 1,872 miles of advance clearing on the Stevens Pass Highway, Washington National Forest Highway Grading and Advance Clearing Project 8-C, King County, Wash.

- Work involves:
- (1) All required maint. of special detours;
 - (2) All required, extra and miscel. force account work;
 - (3) 28 acres clearing;
 - (4) 12 acres grubbing;
 - (5) 1000 c.y. stripping and storing top soil;
 - (6) 172,000 c.y. unclass. excav.;
 - (7) 1,250 c.y. unclass. excav. for structures;
 - (8) 2,000 c.y. unclass. excav. for borrow;
 - (9) 106,500 sta. yds. special overhaul;
 - (10) 1,000 c.y. mi. special overhaul;
 - (11) 30 units obliteration of old rds.;
 - (12) 3 acres roadside cleanup;
 - (13) 1,453 mi. finishing earth graded roads;
 - (14) 100 sq. ft. dangerous trees and snags;
 - (15) 510 c.y. class A concrete;
 - (16) 54,000 lbs. reinf. steel;
 - (17) 5000 lbs. struc. steel;
 - (18) All required removal and disposal of old bridges;
 - (19) 17 MFEBM untreated timber, including bridge iron;
 - (20) 20 c.y. cement rubble masonry (headwalls);
 - (21) 500 l.f. 18-in. Std. reinf. conc. culv. pipe (alt. 253 (1));
 - (22) 350 l.f. 24-in. Std. reinf. conc.

- culv. pipe (Alt. 253 (2));
- 500 l.f. 30-in. Std. reinf. conc. culv. pipe (Alt. 253 (3));
- 280 l.f. 24-in. ex. str. reinf. conc. culv. pipe (Alt. 253 (4));
- 500 l.f. 18-in. bit. coat. corr. sheet met. pipe, Type 1;
- 350 l.f. 24-in. do., Type 1;
- 150 l.f. 30-in. do., Type 1;
- 280 l.f. 24-in. do., Type 1;
- 290 l.f. 18-in. do., Type 1;
- 220 l.f. 18-in. corr. galv. sheet metal pipe spillways;
- 200 l.f. 8-in. bit. coated perf. corr. sheet metal pipe under-drain (Type 2);
- 2 MFEBM plank floor, untreated;
- 300 l.f. hub-high rustic guard rail, Type 7 (untr.);
- 100 sq. yds. paved culvert inlets, Type 1;
- 1,000 c.y. replacing top soil;
- 2,500 sta. yds. overhaul, topsoil pile to placement.

- Total bids follow:
- (1) Using bituminous coated corrugated sheet metal pipe;
 - (2) Using reinforced concrete culvert pipe.
- (A) L. Romano Engrg. Co., 1300 Dearborn St., Seattle—(1) \$128,964; (2) \$129,196.50.
- (B) Elliott & Co., Inc., Seattle—(1) \$138,978.40; (2) \$139,838.40.
- (C) Pacific Constr. Co., Seattle—(1) \$139,441.40; (2) \$140,391.40.
- (D) Halleran Bros. and James Coyle, Seattle—(1) \$144,451.20; (2) \$146,162.20.
- (E) Geetz & Brennan, Seattle—(1) \$153,101.90; (2) \$154,238.90.
- (F) A. C. Greenwood Co., Inc., Portland—(1) \$155,151.50; (2) \$156,571.50.
- (G) K. L. Goulter, Seattle—(1) \$163,454; (2) \$164,941.50.
- (H) Siems-Spokane Co., Spokane—(1) \$196,872; (2) \$198,267.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
(2)	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00
(3)	300.00	200.00	300.00	350.00	200.00	300.00	300.00	250.00
(4)	300.00	200.00	200.00	200.00	200.00	300.00	300.00	300.00
(5)	1.00	20	.50					
(6)	.50	.40	.57	.35	.40	.64	.68	.86
(7)	1.50	1.50	1.50	2.00	1.00	1.50	2.50	1.75
(8)	.50	.20	.40	.35	.40	.64	.40	.50
(9)	.02	.01	.015	.02	.01	.01	.02	.02
(10)	.15	.15	.14	.20	.15	.30	.20	.20
(11)	5.00	5.00	3.50	4.00	5.00	5.00	10.00	20.00
(12)	150.00	50.00	150.00	200.00	200.00	200.00	200.00	400.00
(13)	500.00	300.00	300.00	400.00	300.00	500.00	500.00	1000.00
(14)	2.50	1.00	2.00	3.00	2.00	2.00	2.00	5.00
(15)	24.00	25.00	27.00	26.00	18.00	27.00	28.00	32.00
(16)	.06	.06	.07	.065	.06	.07	.07	.08
(17)	.15	.12	.08	.10	.10	.10	.10	.08
(18)	20.00	100.00	200.00	250.00	200.00	250.00	500.00	500.00
(19)	50.00	70.00	55.00	60.00	75.00	60.00	50.00	75.00
(20)	15.00	15.00	12.00	14.00	12.50	15.00	15.00	16.00
(21)	2.00	2.00	2.00	3.00	2.50	3.00	2.00	2.20
(22)	3.50	2.75	3.00	4.00	3.25	4.50	3.50	3.35
(23)	4.00	4.50	4.50	6.00	5.25	7.00	5.00	4.50
(24)	4.00	3.00	3.50	5.00	3.75	5.00	5.00	4.50
(25)	1.75	1.50	1.60	2.00	1.60	2.00	1.65	1.60
(26)	3.50	2.25	2.30	3.00	2.60	3.50	2.50	2.50
(27)	3.75	3.00	3.00	4.00	3.50	6.00	3.25	3.25
(28)	3.75	2.25	2.50	3.00	2.60	3.50	2.50	2.50
(29)	1.75	1.50	1.60	2.00	1.60	2.00	1.65	1.60
(30)	1.75	1.75	.90	1.50	.90	1.50	1.00	1.20
(31)	.50	1.00	1.00	1.50	.90	1.00	1.15	1.20
(32)	40.00	70.00	55.00	60.00	75.00	60.00	50.00	60.00
(33)	.60	.75	.50	1.00	.60	1.00	1.00	1.00
(34)	1.00	8.00	2.25	3.00	3.50	3.00	5.00	4.50
(35)	.30	.20	.60	.45	.30	.50	.50	.60
(36)	.02	.01	.03	.02	.01	.02	.02	.02

WRECK building, \$75; 732-36 3rd St., Oakland; owner and contractor, R. Wainright, 4030 Maple Ave.

WRECK building, \$50; 728 3rd St., Oakland; owner and contractor, R. Wainright, 4030 Maple Ave.

RE-ROOF, \$45; 3836 Grove St., Oakland; owner, M. D. Collison, 3836

Grove St.; contractor, W. H. Sankey, 828 31st St.

REPAIRS, fire, \$350; 1338 E. 12th St., Oakland; owner and contractor, L. R. Foss Studios, 1338 E. 12th St.

REPAIRS, \$50; 2515 23rd Avenue, Oakland; owner and contractor,

Mrs. J. Pomorsky, Prem.
REPAIRS, \$100; 1083 23rd Ave., Oakland; owner and contractor, Elizabeth Budd, 2268 E. 15th St.
ALTERATIONS, \$150; 4382 Howe St., Oakland; owner and contractor, Mrs. G. C. Lee, Prem.
ALTERATIONS, \$200; 1334 Webster St., Oakland; owner, S. A. Scher-er, Prem.; contractor, C. F. Greg-ersen, 2733 Derby St., Berkeley
SIGN, metal, \$80; 6100 Telegraph Ave., Oakland; owner and contractor, General Petroleum Cor-poration, Parr Terminal.
SIGN, metal, \$80; 5700 Foothill Blvd., Oakland; owner and contractor, General Petroleum Cor-poration, Parr Terminal.
SIGN, cloth, \$30; 3901 E. 14th St., Oakland; owner, Ackerman Bros., 3901 E. 14th St.; contractor, J. R. Warren, 422 10th St.
SIGN, electric, \$200; 520 13th St., Oakland; owner, Dreyer's Furni-ture Co., Prem.; contractor, Elec. Prod. Corp., 950 30th St.
SIGN, electric, \$175; 5517 College Ave., Oakland; owner, V. A. Thurston, Prem.; contractor, El. Prod. Corp., 950 30th St.
SIGN, metal, \$350; 1967 Telegraph Ave., Oakland; owner, Safeway Stores, Prem.; contractor, Elec. Prod. Corp., 950 30th St.
SIGN, metal, \$7; 2029 Broadway, Oakland; owner and contractor, Coca-Cola Co., 2545 E. 14th St.

SIGN, metal, \$20; 3816 Park Blvd., Oakland; owner, Holman and Winsor, Prem.; contractor, To-bey Sign Co., 1910 E. 14th St.
SIGN, metal, \$10; 5323 Fairfax Ave., Oakland; owner, Darigien Cream-eries, Prem.; contractor, Tobey Sign Co., 1910 E. 14th St.
SIGN, metal, \$15; 461 10th St., Oak-land; owner, The A. J. Gesener Co., Prem.; contractor, Davis & Kamping, 337 11th St.
REROOF, \$100; 2224 4th, Berkeley; owner, Mrs. Hanson, Premises; contractor, E. Rosenquist.
ALTERATIONS, \$80; 2624 Haste, Berkeley; owner and contractor, W. S. White, Prem.
ADDITION, \$232; 1406 Santa Fe, Berkeley; owner, J. Eidolitz, Prem.; contractor, J. Poston, 725 Virginia.
REROOF, \$240; 868 Ensenada, Berke-ley; owner, C. E. Larabee, Prem.; contractor, Amer. Roofing Co., 383 40th St., Oakland.
ALTERATIONS, \$70; 2416 College, Berkeley; owner, Assoc. Realty Co., 2559 San Pablo; contractor, H. C. Morter, 3029 Linden.
REPAIRS, roof, \$10; 2441 9th Ave., Oakland; owner, Mrs. Haley, Prem.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
REPAIRS, roof, \$15; 3935 Turnley Ave., Oakland; owner, Willis F. Lynn, 1037 Ashmont Ave.; con-

tractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
REPAIRS, roof, \$7; 8318 Outlook Ave., Oakland; owner, Willis F. Lynn, 1037 Ashmont Ave.; con-tractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
REPAIRS, roof, \$10; 1525 Fernwood Drive, Oakland; owner, Willis F. Lynn, 1037 Ashmont Ave.; con-tractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
REPAIRS, roof, \$10; 2240 23rd Ave., Oakland; owner, Willis F. Lynn, 1037 Ashmont Ave.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
REPAIRS, roof, \$12; 979 63rd St., Oakland; owner, Joe R. Doming-os, Prem.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
ALTERATIONS, \$700; 2507 Maxwell Ave., Oakland; owner, A. E. Baynard, Prem.; contractor, A. E. Waldman, 5409 Foothill Blvd.
ALTERATIONS, \$500; 4873 Tele-graph Ave., Oakland; owner and contractor, A. T. Beckett, 224 Scenic Ave.
RE-ROOF, \$200; 230 Athol Avenue, Oakland; owner and contractor, John M. Hoffman, Prem.
ADD TO garage, \$50; 121 Athol Ave., Oakland; owner and contractor, L. S. Hill, Prem.
ADDITION, \$300; 1942 Chestnut St., Oakland; owner and contractor, Art Caseri, Jr., Prem.

ORANGE COUNTY—Bridge Repairing, Grading & Surfacing—(State)

ORANGE CO., Calif.—Werner & Webb, 7422 Santa Monica Blvd., Los Angeles, at \$23,211, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repair-ing a bridge across Santa Ana River about one mile north of Olive and approximately twelve hundredths mi. grading and surfacing with plant-mixed surfacing the approach road-way, Orange Co., Calif.

Work Involves:

- (1) 1 lot portions of existing bridge to be removed and disposed of;
- (2) 110 c.y. existing concrete to be re-moved and disposed of;
- (3) 7 sta. clear and grub;
- (4) 200 M. gals. water;
- (5) 60 c.y. roadway excavation, without classification;
- (6) 20 c.y. struc. excav.;
- (7) 5,000 cu. y. import borrow;
- (8) 7 sta. finishing roadway;
- (9) 2 tons liq. asph., SC-2 (prime coat);
- (10) 350 tons min. aggregate (plant-mix surf.);
- (11) 20 tons liq. asph., ROMC-4 or ROMC-5 (plant-mix surf.);
- (12) 42,000 lbs. bar reinf. steel;
- (13) 220 cu. y. class A portland cement concrete;

- (14) 135 MFBM Douglas fir timber;
- (15) 1,550 lf. timber curb and rail-ing;
- (16) 18 lf. 15-in. CMP;
- (17) 36 lf. remove and relay pipe culverts;
- (18) 30 lf. laminated guard railing;
- (19) 2 each, culvert markers;
- (20) 1 lot painting;
- (21) 1 lot misc. items of work.

Total bids follow:

(A) Werner & Webb, 7422 Santa Monica Blvd., Los Angeles	\$23,211.00
(B) Edw. Greene, L. A.	25,520.00
(C) E. S. & N. S. Johnson, Pasadena	23,644.00
(D) C. F. Robbins, L. A.	23,887.00
(E) John Strona, Pomona	23,971.00
(F) J. E. Burrell & Son, Long Beach	24,197.78
(G) Harry L. Foster, San Diego	24,309.50
(H) G. O. Gartz, Pasadena	24,314.00
(I) R. H. Travers, L. A.	24,430.00
(J) Oscar Oberg, L. A.	24,444.75
(K) Dimmitt & Taylor, L. A.	24,632.08
(L) Oberg Bros., L. A.	24,962.50
(M) Contracting Engineers Co., Los Angeles	25,520.50
(N) J. E. Haddock, Ltd., Pasadena	26,311.50
(O) Claude Fisher Co., Ltd., Los Angeles	26,621.50

(P) Byerts & Dunn, L. A.	26,701.50
(Q) S. A. Cummings, San Diego	27,935.00
(R) J. S. Metzger & Son, Los Angeles	28,660.00
(S) C. R. Butterfield-Ken-ney Co.	30,430.00

* Bid irregular—check not certi-fied.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	1500.00	1160.00	2000.00	2100.00
(2).....	2.50	2.00	1.50	2.00
(3).....	15.00	15.00	8.00	5.00
(4).....	1.50	1.50	1.00	1.00
(5).....	.60	1.00	.50	.75
(6).....	1.50	2.00	1.00	2.00
(7).....	.50	.38	.40	.40
(8).....	5.00	10.00	10.00	5.00
(9).....	18.00	20.00	20.00	12.00
(10).....	2.50	3.30	2.50	2.50
(11).....	12.00	14.00	13.00	14.00
(12).....	.055	.05	.05	.05
(13).....	10.00	12.00	13.00	10.00
(14).....	65.00	64.00	60.00	68.00
(15).....	2.00	2.40	2.60	2.50
(16).....	4.00	2.00	1.00	.50
(17).....	2.00	2.00	1.00	1.00
(18).....	3.00	2.00	1.00	1.00
(19).....	5.00	5.00	2.00	1.50
(20).....	250.00	412.00	250.00	350.00
(21).....	400.00	500.00	500.00	250.00

(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)
1800.00	2316.00	1275.00	2000.00	2378.00	2845.00	2000.00	1800.00	1500.00	2400.00	2000.00	2000.00	4500.00	2000.00	5000.00
1.65	1.20	2.00	2.50	2.00	.85	1.50	2.00	2.00	1.75	1.50	1.25	2.00	1.50	3.00
10.00	16.85	5.00	10.00	10.00	10.00	8.00	10.00	8.00	10.00	10.00	5.00	20.00	10.00	30.00
1.50	1.18	1.00	2.00	2.00	1.00	1.50	2.00	2.50	1.30	2.00	1.00	2.00	1.50	3.00
.50	1.18	.25	.50	.60	.75	.45	.50	.80	.50	.50	.50	1.00	.50	1.50
1.00	2.45	.75	1.00	1.50	1.00	1.25	2.00	2.00	1.50	1.50	2.00	1.50	1.00	2.50
.50	.55	.40	.50	.38	.415	.46	.50	.55	.40	.50	.50	.58	.48	.50
17.00	9.43	10.00	7.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.00	10.00	10.00	5.00
15.00	23.5	18.00	20.00	15.00	20.00	20.00	25.00	18.00	18.00	25.00	20.00	20.00	20.00	30.00
2.90	3.07	2.50	2.50	3.00	2.85	2.50	2.65	2.75	3.20	2.75	2.50	3.00	2.50	4.00
15.00	14.75	11.00	13.50	15.00	14.00	14.00	15.00	14.00	13.00	13.50	15.00	14.00	13.00	17.05
.053	.046	.04	.045	.055	.041	.05	.044	.055	.05	.05	.05	.05	.05	.05
10.00	10.40	14.00	11.00	13.50	10.80	11.20	14.00	8.00	12.00	14.00	12.00	10.50	14.00	14.00
50.00	58.20	68.00	69.00	62.00	65.35	61.00	65.00	78.50	71.50	76.00	65.00	70.00	75.00	62.00
3.00	2.53	3.00	2.00	2.25	2.75	3.40	2.50	1.80	2.35	2.50	3.00	2.50	3.10	2.80
.75	.28	.25	1.00	.50	.50	.50	3.00	.75	1.00	1.00	2.00	1.00	1.00	1.00
2.00	1.19	.50	1.00	.75	1.00	1.00	2.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00
2.00	.70	1.00	2.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.00	1.50	2.00	2.00
2.00	5.50	2.50	5.00	3.00	3.00	3.50	3.00	3.00	3.00	5.00	4.00	3.00	3.00	5.00
500.00	826.00	250.00	500.00	245.00	230.00	180.00	400.00	1000.00	1100.00	400.00	600.00	200.00	1000.00	1200.00
1200.00	142.00	500.00	400.00	500.00	200.00	200.00	400.00	500.00	600.00	250.00	550.00	500.00	1200.00	600.00

PINAL & GILA COUNTIES, ARIZ.—Highway Construction—(State)

PINAL AND GILA COS., Ariz. - Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Texas, at \$105,329.29 submitted low bid to the Arizona State Highway Commission, Phoenix for highway improvement on the Superior-Miami Highway, F.A. 16, 2nd Reop. (1938) AFE 7009. The work, which begins about 3½ miles northeast of Superior and extends north-easterly across Oak Flat for a distance of about 1.6 miles, consists of grading, draining, aggregate base course, and cutback road mix, and is to be completed on or before Aug. 31, 1938.

Work involves:

- (1) 75,068 c.y. rdwy. excav., unclass.
- (2) 7,500 c.y. slides and overbreak-age;
- (3) 217 c.y. drainage excav., unclass.
- (4) 5,000 l.f. crown ditches;
- (5) 826 c.y. struc. excav., unclass.;
- (6) 123,115 sta. yd. station yard over-haul;
- (7) 19,188 tons coarse aggregate base course (CIP);
- (8) 3,659 tons fine do.;
- (9) 2,763 m. gals. sprinkling (CIP);

- (10) 686 hours rolling;
- (11) 646 c.y. Class A conc. (including cement);
- (12) 61,131 lbs. reinf. steel bars (CIP);
- (13) 142 l.f. 18-in. CMP (CIP except excavation);
- (14) 370 l.f. 24-in. CMP (do.);
- (15) 374 l.f. 30-in. CMP (do.);
- (16) 53 l.f. resetting 24-in. CMP (CIP inc. all material and work);
- (17) 46 l.f. resetting 40-in. CMP (do.);
- (18) 1 each cattle guard (C6 6) units (CIP except conc. and excav.);
- (19) 1,312 l.f. road guard (CIP);
- (20) 56 each guide posts (CIP);
- (21) 42 each r/w markers (type A) (CIP);
- (22) 4,760 tons mineral agg. (CIP);
- (23) 155 tons cutback asph. (MC-4) for road mix and seal coat, (CIP on road);
- (24) 51 tons cutback asphalt (MC-2) for AST, CIP on road;
- (25) 1,556 mile processing road mix;
- (26) 277 tons screenings (CIP on rd.);
- (27) 90 c.y. blotter material (do.);
- (28) 198 tons salvaging and relaying old oil mix (on turnouts to recreational areas) (CIP);

(29) 1 lump sum removal of conc. struc. (left Sta. 189 plus 75).

Total bids follow:

- (A) Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Tex., \$105-329.29.
- (B) W. E. Orr, Contr., Prescott, Ariz. \$107,447.15.
- (C) Geo. W. Orr, Contr., El Paso. \$107,692.28.
- (D) Pearson & Dickerson Contrs., Inc., Prescott, \$109,701.59.
- (E) H. J. Hagen, Contr., Globe, Ariz. \$112,754.17.
- (F) Fisher Contr. Co., Phoenix, \$118-406.23.
- (G) W. E. Hall Const. Co., Phoenix, \$119,877.87.
- (H) Skousen Bros., Contrs., Albu-querque, N. M., \$122,319.39.
- (I) Tanner Const. Co., Phoenix, \$123-613.61.
- (J) Oswald Bros., Phoenix, \$127-899.97.
- (K) Macco Const. Co., Clearwater, Calif., \$149,857.62.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$.68	\$1.645	\$.65	\$.71	\$.68	\$.80	\$.72	\$.73	\$.76	\$.82	\$.100
(2).....	.51	.48375	.4875	.5325	.51	.60	.54	.5475	.57	.615	.75
(3).....	.68	1.00	1.00	.71	1.25	1.25	.50	1.00	.75	2.25	1.00
(4).....	.15	.10	.10	1.85	.10	.07	.10	.20	.25	.20	.30
(5).....	1.30	1.50	2.00	2.00	2.00	2.00	1.75	2.00	1.60	2.00	2.00
(6).....	.02	.02	.01	.01	.005	.02	.03	.03	.013333	.01	.01
(7).....	.14	.35	.35	.35	.30	.20	.45	.45	.52	.50	.75
(8).....	.88	.45	.45	.45	.65	.55	.35	.60	.58	.55	.80
(9).....	.75	1.00	1.00	1.25	2.00	.50	3.00	1.50	2.00	2.50	3.00
(10).....	3.00	3.50	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.50
(11).....	20.00	20.00	23.20	20.00	21.50	25.65	21.50	23.00	23.00	23.00	23.00
(12).....	.05	.055	.05	.05	.05	.0575	.055	.05	.055	.06	.07
(13).....	1.85	2.25	1.90	2.00	1.75	3.00	1.50	2.00	2.00	2.00	1.75
(14).....	2.75	3.25	2.87	3.00	2.75	3.50	2.90	3.00	3.00	3.00	2.50
(15).....	3.75	4.00	3.52	3.75	3.50	5.25	3.40	3.50	4.00	3.50	3.25
(16).....	1.25	1.50	4.00	1.90	3.00	1.50	1.50	2.00	2.00	2.50	1.00
(17).....	2.50	2.50	4.00	2.75	4.00	3.00	2.00	5.00	3.00	3.50	1.40
(18).....	900.00	720.00	700.00	800.00	650.00	700.00	650.00	600.00	750.00	750.00	400.00
(19).....	1.20	1.25	1.20	1.00	1.25	1.25	1.50	1.40	1.40	1.25	1.25
(20).....	2.25	3.00	2.25	1.90	3.00	3.00	3.00	3.00	2.50	3.00	2.50
(21).....	2.15	3.00	4.00	2.50	3.00	3.00	3.00	4.00	2.50	3.00	2.50
(22).....	1.15	1.40	1.50	1.50	1.75	1.10	.90	1.50	1.20	1.00	1.20
(23).....	25.50	30.00	25.00	28.00	25.00	26.50	25.00	27.00	27.50	24.00	22.00
(24).....	25.50	30.00	25.00	28.00	30.00	26.50	25.00	27.00	27.50	27.00	22.00
(25).....	1000.00	550.00	500.00	600.00	800.00	600.00	500.00	700.00	600.00	750.00	800.00
(26).....	4.00	3.00	4.00	3.15	3.00	3.50	3.50	5.00	4.00	3.00	3.00
(27).....	2.00	2.00	3.00	1.90	3.00	2.00	2.50	3.00	2.50	2.00	2.00
(28).....	2.00	2.00	4.00	.75	1.50	1.15	2.00	2.00	1.25	1.50	1.00
(29).....	475.00	200.00	250.00	500.00	300.00	200.00	300.00	250.00	150.00	250.00	250.00

SAN BENITO COUNTY—GRADING & SURFACING—(State)

SAN BENITO CO., Calif.—N. M. Ball Sons, 852 Carmel St., Albany, at \$72,824.90, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading, road-mix surface treatment and applying Class B seal coat to 4.7 miles between Palmdes and Tree Fins, San Benito County.

Work involves:

- (1) 248 sta. clear and grub;
- (2) 200 M. gals. water;
- (3) 126,000 c.y. rdwy. excav., unclass.
- (4) 1,800 c.y. ditch and channel excavation;
- (5) 2,050 c.y. struc. excavation;
- (6) 630,000 sta. yds. overhaul;
- (7) 21,000 c.y. import borrow;
- (8) 350 c.y. imported rock filling material;
- (9) 50 c.y. concrete, remove and dispose of;
- (10) 253 sta. finishing rdwy.;
- (11) 84,400 sq. yds. prepare, mix and shape roadbed;
- (12) 88 tons liquid asph., SC-2, prime coat;
- (13) 700 tons liquid asph., SC-4, road mix;

- (14) 72 tons liquid asph., 90-95, seal coat;
- (15) 830 tons screenings, seal coat;
- (16) 180 c.y. Class A Portland cement concrete struc.;
- (17) 15,000 lbs. bar reinf. steel;
- (18) 456 l.f. 8-in. CMP;
- (19) 1,542 l.f. 18-in. CMP;
- (20) 394 l.f. 24-in. CMP;
- (21) 142 l.f. 36-in. CMP;
- (22) 46 l.f. 48-in. CMP;
- (23) 297 l.f. existing CMP culverts remove, clean and salvage;
- (24) 116 l.f. re-lay salvaged pipe;
- (25) 5 each concrete joints;
- (26) 49 each spillway assemblies;
- (27) 5,600 l.f. laminated guard railing;
- (28) 60 each culvert markers;
- (29) 237 each guide posts;
- (30) 9.4 miles new property fences;
- (31) 20 each drive gates;
- (32) 64 each monuments complete in place.

The State will furnish CMP, band couplers and spillway assemblies, etc.

Total bids follow:

- (A) N. M. Ball Sons, 852 Carmel St., Albany—\$72,824.90.
- (B) Young & Son Co., Ltd., Berke-

- ley—\$72,860.50.
 - (C) J. L. Connor & Sons, Monterey —\$72,896.45.
 - (D) Granfield Farrar & Carlin, San Francisco—\$80,701.30.
 - (E) Claude C. Wood, Stockton—\$82-046.10.
 - (F) Sunder Pearson and Minnis & Moody, Los Angeles—\$83,275.50.
 - (G) Poulos & McEwen, Sacramento —\$84,079.
 - (H) Union Paving Co., San Francisco—\$84,745.50.
 - (I) Piazza & Huntley, San Jose—\$87,262.70.
 - (J) L. C. Karstedt, Watsonville—\$87,357.10.
 - (K) C. F. Robbins, Los Angeles—\$87,536.
 - (L) Mountain Construction Co., Sacramento—\$89,911.45.
 - (M) Geo. K. Thompson Co., Los Angeles—\$90,701.40.
 - (N) Harms Bros., Litchfield —\$93-348.40.
 - (O) Earle W. Heple, San Jose—\$96-499.90.
 - (P) A. S. Vinnell Co., Los Angeles—\$107,100.85.
- Unit prices follow:

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Cal.—Until Feb. 25 10 A. M., bids will be received by the Quartermaster Supply Officer, Fort Mason, San Francisco, under Bid No. 928-38-236, for furnishing miscellaneous parts for Dodge, Chevrolet, Federal, Ford and GMC trucks; fob the Commanding Officer, Philippine Quartermaster Depot, Manila, P. I. *

FORT McDOWELL, Calif.—Until Feb. 24, 10:30 a. m., bids will be received by the Quartermaster, Fort McDowell, Calif., under Circ. Prop. QM 536-38-16, for furnishing white lead, asphalt emulsion and Oregon Pine lumber, f.o.b. Fort Mason, Cal. *

SAN FRANCISCO.—Until Feb. 18, 3 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-98, for furnishing steel grilles and angle mounts for Battery Davis, Fort Funston, Cal. *

SAN FRANCISCO.—Until March 7, 3:00 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-97, for furnishing 2,600 cu. yds. ready-mixed concrete for use in the construction of the Seacoast Defenses at Fort Cronkhite, Marin County, Cal. *

SACRAMENTO, Calif.—Until Feb. 25, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-209, for furnishing 1200 condenser tubes, 5½-inch diameter by 10 ft. 2 in. long; f.o.b. Rio Vista, Cal. *

CANAL ZONE

PANAMA CANAL.—Until Feb. 25, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sch. No. 3333, for furnishing supplies and materials, including:

Material for post office, Ancon, C. Z. (marble, marble chips, brass terrazzo strips, terrazzo insignia panel, roofing tile, wall tile and trimmers, lavatory stall fittings and standards, mirrors, sash-operating devices, metal rolling doors and grilles, fireproof vault doors, misc. bronze work, wrought-iron grilles, bronze letters, cement-floor hardener, finishing hardware, drawer slides, metal ink and paste stands, worm-and-gear operated steel windows, plate glass for counter and desk tops, wool-felt cloth and copper-bearing-steel flagpole); f.o.b. Cristobal and/or Balboa. *

Plans and specifications may be obtained from the above office and from the Asst. Purchasing Agent, The Panama Canal, Fort Mason. *

PANAMA CANAL.—Until March 2, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3334, for furnishing supplies and materials, including:

Concrete carts, fire extinguishers, sewer rods and accessories, stockless anchors, turnbuckles, fire-hose nozzles, flashlights, planimeters, pro-

tractors, wire solder, transfer filing cases, fire hose, garden hose, cotton mop-heads, rubber gloves, asbestos mittens, salt-water soap powder, brass paper fasteners, rubber erasers, paper and heavy-duty concrete mixer; f.o.b. Cristobal and/or Balboa. *

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal. *

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until Feb. 23, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5460, for furnishing 3000 feet hoisting rope; f.o.b. Redding, Cal. *

GOVERNMENT ISLAND, Calif.—Until Feb. 23, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

BID NO. 5462—8 miles telephone line wire, No. 9 BWG galv. iron, f.o.b. Bartlett, N. H.; 25 miles for Elkins, W. Va. *

BID NO. 5463—15 miles telephone line wire, No. 12 AWG copper-covered steel; f.o.b. Bartlett, N. H., and 22½ miles for Edinburg, Va. *

BID NO. 5464—58 miles telephone line wire, No. 12 AWG copper-covered steel; f.o.b. Marion, Va. *

BID NO. 5465—100 miles telephone line wire, No. 10 B & S; f.o.b. Winchester, Ky. *

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

FEBRUARY 21, 10 A. M.:
BID NO. 5056: 19,000 gals. asphaltic emulsion; fob Bernal Heights Blvd. and Folsom Street, San Francisco. *

FEBRUARY 24, 10 A. M.:
BID NO. 5057: 1090 tons of crusher run rock; fob Ninth Ave. Terminal, Oakland. *

BID NO. 5058: 55 tons of asphaltic concrete, Type C; fob Outer Harbor Terminal, Oakland. *

BID NO. 5059: 1066 l.f. pipe culvert and 35 band couplers; fob McFarland, Calif. *

BID NO. 5060: 360 l.f. culvert pipe, corrugated metal and 35 band couplers; fob Bakersfield. *

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until March 8, 10 a. m., bids will be received by Metropolitan Water District, Los Angeles, for 15 flow meters for indicating, integrating and recording the flow of water at Colorado River Aqueduct pumping plants, Spec. 273. Certified or cashier's check, \$1500, must accompany bid. *

LOS ANGELES, Cal.—Until Feb. 25, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent, Los Angeles, for five only 250-h.p. across-the-line starters, 3-phase, 50-cycle, 2300-volt

for squirrel cage induction motors, fob Banning, Bid 95546. Certified or cashier's check, 5%, must accompany bid. *

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnished SCH. 2825: Steel storage shelving, 280 shelves, 80 posts, 24 partitions, 10 locks, 840 bin dividers, 20 base strips and 4000 bolts with nuts for eastern or western yds., March 1. *

SCH. 2775: Bar steel for eastern and western yards; Feb. 21. *

SCH. 2780: Screws and nuts, machine; wood screws, etc.; for eastern and western yards; Mar. *

SCH. 2809: Portable fire extinguishers for eastern and western yds.; Feb. 21. *

SCH. 2842: 1200 ft. phosphor bronze wire rope and 6000 ft. plow steel wire rope for Mare Island; Mar. 4. *

SCH. 2829: Motor driven engine lathe for Mare Island; March 1. *

SCH. 2802: 2 motor trucks for San Francisco; Feb. 25. *

SCH. 2845: 10,000 ft. of brass pipe, ½-inch for eastern and western yards; March 4. *

SCH. 2843: 200 gals. of bituminous paint, coal tar pitch base, for San Diego; March 1. *



Are you like one of them proud businessmen?

BUILDERADS

"The Modern Way to Buy and Sell Equipment"

Daily Pacific Builder

U.S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Service Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

SAN FRANCISCO
PUBLIC LIBRARY
PERIODICAL DEPT.

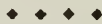
IN THIS ISSUE



Clinton Bids \$70,950 on
Sewage Plant Digester



Bids Mar. 15 on Two State Building Jobs



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of
PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO
COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., FEBRUARY 26, 1938 No. 9

CLINTON BIDS DIGESTER FOR SEWAGE PLANT

**\$70,950 Low Proposal for
Complete Work; Six Firms
Figure Contract**

Clinton Construction Co., contractors on the Richmond-Sunset Sewage Treatment Plant, yesterday submitted the low bid to Director William H. Worden of the San Francisco Department of Public Works for construction of a primary digester for the plant.

Bids were received under two propositions. Proposition B omitted heating plant equipment and piping.

The bid of Clinton Construction Company on Proposition A was \$70,950; on Proposition B, \$58,950.

The contract calls for: structural work; digester equipment; digester inside plumbing; digester operating house piping and equipment; outdoor piping and miscellaneous equipment; heating plant and equipment and electrical work.

Six firms submitted bids on the contract. All firms except Eaton and Smith bid on both propositions. The latter firm submitted a bid of \$76,474 on Proposition B only.

M. J. Lynch submitted the second lowest bid. His figures were: Proposition A, \$77,712; and Proposition B, \$66,522. Other bidders were: Fred J. Early, Jr., \$77,791 and \$65,912; James A. Nelson, \$79,515 and \$66,265; and MacDonald & Kahn Co., Ltd., \$82,342 and \$69,982.

Available funds will determine the proposition under which the contract will be awarded, it was announced.

The low bidder, Clinton Const. Co., was awarded the contract for the structural work on the plant last summer. At the same time Anderson and Rowe were awarded the contract for the mechanical work. Their combined bids amounted to \$435,389.

AWARD ALAMEDA BUILDING JOB

WASHINGTON, D. C., Feb. 23.—Speeding its program of construction at the \$13,500,000 Alameda Naval Air Station, the Navy Department today announced award of a contract for construction of temporary buildings on the site of the project.

The contract went to Schuler & McDonald, 1719 Sixteenth street Oakland, who submitted the lowest bid for the contract last week. Amount of the contract price is \$16,977.

STATE HIGHWAY CONTRACTS OUT FOR PROPOSALS

SACRAMENTO, Feb. 21.—The State Highway Commission today authorized two calls for bids for grading and paving in San Diego and Tulare counties. Bids will be opened in Sacramento, March 16; and in Los Angeles, March 17.

The largest job involves grading and paving with Portland cement concrete and asphaltic concrete about 9.7 miles of Pacific Highway between Barnett avenue and Miramar road in the City of San Diego.

Unit prices will be submitted on fifty-six items. In addition, bids will be submitted on two items under Alternates A, B, and C. The first item under the three alternates is: furnishing 360 lineal feet of cast in place concrete piles (type not requiring mandrel); 360 lineal feet of piles of the mandrel type; and 360 lineal feet of precast concrete piles. The second item under the three alternates is: driving 18 steel shells (type not requiring mandrel); driving 18 steel shells of the mandrel type; and driving 18 precast concrete piles.

The second job, for which bids will be opened in Sacramento Mar. 16, involves grading and surfacing on about 0.9 mile of highway between Morton street and Mulberry street in the City of Porterville, Tulare county.

BIDS MARCH 15 FOR TWO STATE BUILDING JOBS

**Ask Proposals on Pile Foundations
for Sacramento Offices, Agnew Ward**

SACRAMENTO, Feb. 22.—Bids on the initial contracts for two large State building projects were called by State Architect George B. McDougall here yesterday.

The projects involved are a new ward at Agnew State Hospital in Santa Clara county, and State Office Building No. 3 in Sacramento.

Bids on both jobs will be opened at 2:00 P. M., March 15, in the Public Works Building, Sacramento.

The first contract calls for erection and completion of pile foundations for State Office Building No. 3 at Sacramento. The second contract involves erection and completion of pile foundations for ward unit No. 3 at Farm, Agnew State Hospital in Santa Clara Co.

Concrete Piles

Work for the erection and completion of pile foundations for State Office Building No. 3 involves excavation, cast in place concrete piles and pile caps for foundation of the building.

The ground area of the proposed building is approximately 315 by 150 feet, according to Mr. McDougall.

Work for erection and completion of pile foundations for ward unit No. 3 at Farm includes furnishing and installing 615 cast in place concrete piles having an average length of approximately 25 feet, together with rough excavation at the building site.

Plans and specifications for both jobs were prepared under the direction of State Architect McDougall. They may be obtained from his office upon deposit of \$25.00, returnable. The location of the office is Public Works Building, N and Twelfth streets, Sacramento.

Canadian shipments of oil burners during 1937 amounted to 589 units, as compared to shipments reau of Census states in its annual report.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
433	El Capitan	Murray	1885
434	Stagnaro	Munson	2000
435	Amer. Tr.	Hinson	5000
436	Church	Marshall	1900
437-40	Roelger	Owner	4000
438	Rossi	Rasori	10000
439	Rousseau	Owner	15000
440	Bauer	Presco	1500
441	Doelger	Owner	4000
442-55	Mohr	Owner	42000
456	Richfield	Munson	2000
457	Stegman	Aetna	4000
458	Turel	Malloch	2000
459	Andersen	Owner	4000
460	Andersen	Owner	4000
461	Halgren	Owner	3500
462	Lindsay	Owner	3750
463	Lindsay	Owner	1000
464	Nelson	Owner	4500
466	Ruegg	Owner	5000
467	Ruegg	Owner	5000
468	Ruegg	Owner	5000
469	West	All-Am. Bldrs.	4833

ALTERATIONS

(433)	1172 MARKET ST. Alter restaurant.	
Owner	—El Capitan Restaurant, 1172 Market Street.	
Contractor	—Austin B. Murray, 1330 Natoma St.	
Architect	—Not Given.	\$1,885

SERVICE STATION

(434)	SW BACON and Bayshore Blvd. Steel service station.	
Owner	—Anne Stagnaro, 248 Battery.	
Contractor	—John Munson, 2419 15th Street.	
Architect	—Not Given.	\$2,090

ALTERATIONS

(435)	54 WASHINGTON ST. Alter store.	
Owner	—American Trust Co., 464 California St.	
Contractor	—L. A. Hinson, 756 Fourth Ave.	
Architect	—Not Given.	\$5000

ALTERATIONS

(436)	2626 HYDE ST. Alter dwelling.	
Owner	—Thomas D. Church, Prem.	
Contractor	—F. S. Marshall, 909 Ashbury.	
Architect	—Not Given.	\$1900

DWELLING

(437)	W. 15TH AVE., 199 N ORTEGA. One-story and basement frame dwelling.	
Owner	—Henry Doelger Bldr., Inc., 320 Judah St.	
Architect	—Not Given.	\$4000

DWELLING

(438)	W. 15TH AVE., 100 N OF ORTEGA. One-story and basement frame dwelling.	
Owner	—Henry Doelger Bldr., Inc., 320 Judah St.	
Architect	—Not Given.	\$4000

DWELLING

(439)	W. 15TH AVE., 133 N OF ORTEGA. One-story and basement frame dwelling.	
Owner	—Henry Doelger Bldr., Inc., 320 Judah St.	
Architect	—Not Given.	\$4000

DWELLING

(440)	W. 15TH AVE., 166 N OF ORTEGA. One-story and basement frame dwelling.	
Owner	—Henry Doelger Bldr., Inc., 320 Judah St.	
Architect	—Not Given.	\$4000

ALTERATIONS

(441) 45 GRANT AVE. Alter store.
Owner—Angelo J. Rossi, 134 Kearny Street.

Contractor—S. Rasori, 614 Call Bldg.
Architect—Miller & Prluuger, 580 Market St. \$10,000

DWELLING

(439) SW JACKSON AND PRE-SIDIO. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Ed. Musson Sharpe, 111 Sutter St.
Architect—Not Given. \$15,000

ALTERATIONS

(440) 134 GOLDEN GATE AVE. Alter salesroom.
Owner—Bauer Mfg. Co., Prem.
Contractor—Oscar Fresco & Sens, 250 Langton St.
Architect—Not Given. \$1500

DWELLING

(441) W. 15TH AVE., 265 N OF ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$4000

DWELLINGS (14)

(442-455) W. MONETA, 575, 600, 625, 650, 675, 700, 725, 750 N OF FARRAGUT AVE., AND ON E ST. CHARLES AVE., 263, 288, 313, 338, 363, 388 N OF ALBANY BLVD. Fourteen one-story and basement frame dwellings.

Owner & Builder—J. Rudolph Mohr & Sons, 4482 Mission St.
Architect—Not Given. \$3000 ea.

SERVICE STATION

(456) SE 12TH AVE. AND JUDAH ST. Steel Service Station.
Owner—Richfield Oil Co., 248 Battery St.
Contractor—John Munson, 2419 15th Street.
Architect—Not Given. \$2000

DWELLING

(457) NE NOE AND DAY STS. One-story and basement frame dwelling.
Owner—Herman Stegman, c/o Contractor.
Contractor—Aetna Constr. Co., 1730 24th Ave.
Architect—Not Given. \$4000

ALTERATIONS

(458) 166 O'FARRELL. Alter market.
Owner—Geo. L. Turel, c/o Contractor.
Contractor—J. S. Malloch, 666 Mission St.
Architect—Not Given. \$2000

DWELLING

(459) W. 31ST AVE., 225 S JUDAH ST. One-story frame dwelling.
Owner—Christian Andersen, 146 Granville Way.
Architect—Not Given. \$4000

DWELLING

(460) W. 30TH AVE., 300 N TARAVAL. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2427 24th Ave.
Architect—Not Given. \$4000

DWELLING

(461) E. 25TH AVE., 275 S MORAGA. One-story and basement

frame dwelling.
Owner—A. Hallgren, 1594 29th Ave.
Architect—Not Given. \$3500

DWELLING

(462) W. 30TH AVE., 125 S LAWTON ST. Alter dwelling.
Owner—C. T. Lindsay, 820 Taraval St.
Architect—Not Given. \$1000

DWELLING

(463) W. 24TH AVE., 150 S MORAGA. One-story and basement frame dwelling.
Owner—Claude T. Lindsay, 820 Taraval.
Architect—Not Given. \$3750

DWELLING

(464) W. 24TH AVE., 175 S MORAGA. One-story and basement frame dwelling.
Owner—Claude T. Lindsay, 820 Taraval.
Architect—Not Given. \$3750

DWELLING

(465) E. 24TH AVE., 256 N OCEAN AVE. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not Given. \$4500

DWELLING

(466) E. DESMOND, 316 N SUNNYDALE. One-story and basement frame dwelling.
Owner—The Ruegg Co., 369 Pine St.
Architect—Albert H. Larsen, 333 Kearny St. \$5000

DWELLING

(467) E. DESMOND, 285 N SUNNYDALE. One-story and basement frame dwelling.
Owner—The Ruegg Co., 369 Pine St.
Architect—Albert H. Larsen, 333 Kearny St. \$5000

DWELLING

(468) E. DESMOND, 254 N SUNNYDALE. One-story and basement frame dwelling.
Owner—The Ruegg Co., 369 Pine St.
Architect—Albert H. Larsen, 333 Kearny St. \$5000

ALTERATIONS

(469) 317-27 FRONT ST. Alter loft.
Owner—Aphra West, Marin County.
Contractor—All-American Builders, Inc., 3131 Washington St.
Architect—Not Given. \$4833

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
665	Beckett	Larson	4500
666	Doerfler	Farringer	1000
667	Heltman	Heltman	3500
668	MacDonald	Owner	1000
669	Miller	Owner	3500
670	Marshall	Owner	3000
671	Pac. States	Mullen Mfg.	1000
672	Baker	Owner	3000
673	Dooley	Owner	5000
674	McDermid	Whalin	1500
675	Shuster	Fickett	1400
676	Associated Oil	Early	7500
677	Associated Oil	Early	7500
678	Rose	Vila	5850
679	Lurie	Lewis & Clark	1500
680	Pond	Pond	4000
681	Shepard	Alder	4000
682	Timm	Wiggins	5500
683	Bliss	Fox Bros	4700
684	Boysen	McDonald	1000
685	Lapham	Owner	7000
686	Pearl	Rubenstein	5800
687	Walters	Owner	4500

DWELLING
665) 6027 BUENA VENTURA Ave.,
OAKLAND. One-story six-room
dwelling.

Owner—A. T. Beckett, 224 Scenic
Ave., Piedmont.

Contractor—L. Larson, 3829 Patter-
son Ave., Oakland.
Architect—Not Given. \$4,500

ADDITION
666) 5200 CAMDEN, OAKLAND.
Addition.

Owner—Carl Doerfler.
Contractor—I. A. Farringer, 1806
Central Ave., Alameda.
Architect—Not Given. \$1,000

DWELLING
667) 1707 WOODHAVEN WAY
OAKLAND. One-story 5-room
dwelling.

Owner—W. N. Heltman, 1741 68th
Ave., Oakland.

Contractor—L. E. Heltman, 13070
Broadway Terrace, Oakland.
Architect—Not Given. \$3,500

ALTERATIONS
668) 2250 E 21st ST., OAKLAND.
Alterations.

Owner and Contractor—Simeon Mac-
Donald, 2250 E 21st St., Oakland.
Architect—Not Given. \$1,000

DWELLING
669) 6119 PINWOOD RD., OAK-
LAND. One-story 5-room dwell-
ing.

Owner and Builder—Claude A. and
Betty N. Miller, 931 Leo Way,
Oakland.
Architect—Not Given. \$3,500

DWELLING
670) 1016 CORNELL, BERKELEY.
One-story 5-room frame dwell-
ing.

Owner & Builder—Harry E. Marshall,
1236 Marin.
Architect—Not Given. \$3000

ALTERATIONS
671) 2164 SHATTUCK, BERKE-
LEY. Alterations.

Owner—Pacific States Savings and
Loan.
Contractor—Mullen Mfg. Co., 60
Rausch St., San Francisco.
Architect—Not Given. \$1000

DWELLING
672) 2028 WARNER ST., OAK-
LAND. One-story 5-room dwell-
ing.

Owner & Builder—W. J. Baker, 2255
Ransome St.
Also 1-story garage, \$175.
Architect—Not Given. \$3000

DWELLING
673) 3555 JORDAN ROAD, OAK-
LAND. One-story 5-room dwell-
ing.

Owner & Builder—Fred T. Dooley,
4100 35th Ave.
Architect—Not Given. \$5000

ALTERATIONS
674) 2028 DAMUTH STREET,
OAKLAND. Alterations.

Owner—W. W. McDermaid, Prem.
Contractor—Whalin Bros., 2942 23rd
Ave.
Architect—Not Given. \$1500

ALTERATIONS
675) 1536 FRANKLIN ST., OAK-
LAND. Alterations.

Owner—Geo. A. Shuster, 354 Hobart
St.

COMFORT STATION
676) 3170 COLLEGE AVE., BER-
KELEY. One-story 3-room com-
fort station.

Owner—Associated Oil Co., 79 New

Montgomery St., San Francisco.
Contractor—Fred Early, Jr., 369 Pine
St., San Francisco.
Architect—Not Given. \$1,500

SERVICE STATION
(677) 3170 COLLEGE AVE., BER-
KELEY. One-story 1-room gas
service station.

Owner—Associated Oil Co., 79 New
Montgomery St., San Francisco.
Contractor—Fred Early, Jr., 369 Pine
St., San Francisco.
Architect—Not Given. \$7,500

DWELLING
(678) 490 BOYNTON, BERKELEY.
Two-story 6-room frame dwell-
ing.

Owner—B. E. Rose, 1719 10th Street,
Berkeley.
Contractor—Joe Vila, 1207 Solano,
Berkeley.
Architect—Not Given. \$5,950

SERVICE STATION
(679) 700 12th ST., OAKLAND. One-
story steel service station.

Owner—The Lurie Co., 333 Montgom-
ery St., San Francisco.
Contractor—Lewis & Clark, 1003 Cal-
ifornia Bldg., Oakland.
Architect—Not Given. \$1,500

DWELLING
(680) 3578 66th AVE., OAKLAND.
One-story 5-room dwelling.

Owner—Josephine K. Pond, 1056 Ard-
more Ave., Oakland.
Contractor—C. P. Pond, 1056 Ard-
more Ave., Oakland.
Architect—Not Given. \$4,000

DWELLING
(681) 3857 MIDVALE AVE., OAK-
LAND. One-story 5-room dwell-
ing.

Owner—A. E. Shepard, 801 Carmel
St., Albany.
Contractor—E. W. Alder, 414 Lee St.,
Oakland.
Architect—Not Given. \$4,000

Also 1-story garage, \$250.

DWELLING
(682) 5751 CABOT DR., OAKLAND.
Two-story 5-room dwelling.

Owner—H. Timm, Jr.
Contractor—J. S. Wiggins, 1 West-
wood Court, Oakland.
Architect—Not Given. \$5,500

DWELLING
(683) 1366 ADA ST., BERKELEY.
Two-story 6-room frame dwell-
ing and garage.

Owner—M. K. Bliss, 1841 Green St.,
San Francisco.
Contractor—Fox Bros., 1478 Univer-
sity Ave., Berkeley.
Architect—Not Given. \$4,760

WAREHOUSE
(684) 401 42nd ST., OAKLAND. One-
story warehouse.

Owner—Walter N. Boysen Co., 401
42nd St., Oakland.
Contractor—A. A. McDonald, 3229
Ardley Ave., Oakland.
Architect—Not Given. \$1,000

DWELLING
(685) 1101 NORWOOD AVE., OAK-
LAND. Two-story 7-room dwell-
ing.

Owner and Builder—A. R. Lapham,
904 Trestle Glen, Oakland.
Architect—Not Given. \$7,000

SHOP
(686) 2824 SAN PABLO AVE., OAK-
LAND. One-story brick and tile
shop.

Owner—Max Pearl, 2824 San Pablo
Ave., Oakland.
Contractor—K. Rubenstein and Son,
626 Sixth St., Oakland.
Architect—Not Given. \$5,800

DWELLING
(687) 970 LEO WAY, OAKLAND.
One-story 5-room dwelling.

Owner and Builder—W. R. Walters,
285 29th St., Oakland.
Architect—I. M. Johnson, 2219 7th
Ave., Oakland. \$4,500
Also 1-story garage, \$300.

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
156	Childrens Hosp.	Mohr	987
157	U of C	West	23885
257	West	All-American	4883

PAINTING
(156) 51st and DOVER STS., Oak-
land. Exterior painting.

Owner—Childrens Hospital of the
East Bay, 5105 Dover St., Oak-
land.

Architect—Will G. Corlett, 754 Man-
dana Blvd., Oakland.

Contractor—J. H. Mohr, Inc., 960 7th
St., San Francisco.

Filed, Feb. 21, '38 Dated, Jan. 28, '38.
When 50% completed.....75%
Completion75%
Usual 35 days.....25%

TOTAL COST, \$987.00
Limit, 30 days.

LIBRARY STACKS
(157) U. C. CAMPUS, Berkeley. The
completion of biology library
stacks.

Owner—The University of California,
Berkeley.

Architect—Not Given.
Contractor—M. G. West Co., 117 Front
St., San Francisco.

Filed, Feb. 19, '38. Dated, Feb. 12, '38.
Monthly payments on 1st of.....75%
Usual 35 days.....75%

TOTAL COST, \$28,355.00

Bond, \$15,000. Sureties, Standard Ac-
cident Ins. Co. Forfeit, \$15 per day.
Limit, 135 days. Plans and specifica-
tions filed.

ALTERATIONS
(257) SW COMMERCIAL and Front
Sts. (317-27 Front St.) Altera-
tions and repairs to three-story
and basement brick building.

Owner—Aphra West, Marin County.
Architect—Frank S. Holland, 137 9th
Avenue.

Contractor—All-American Builders,
Inc., 3131 Washington St.

Filed Feb. 21, '38. Dated, _____
Wrecking done\$883.43
Plastering done1000.00
Painting done1000.00
Completion1000.00
Usual 35 days.....1000.00

TOTAL COST, \$4,883.43

Bond, \$2500. Sureties, Hartford Ac-
cident & Indemnity Co. Forfeit, \$10
Limit, 50 days. Specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
158	U of C	Davidson	29000

LIBRARY STACKS
(158) U. C. CAMPUS, Berkeley. The
completion of library stacks.

Owner—U. of Calif., Berkeley.
Architect—Not Given.

Contractor—J. L. Davidson Company
(Technical Prod. Co.) 6670 Lex-
ington Ave., Los Angeles.

Filed, Feb. 23, '38. Dated, Feb. 12, '38.
Monthly on the 1st75%
Usual 35 days.....25%

TOTAL COST, \$23,000
Bond: Labor, \$12,000; Performance,
\$12,000. Sureties, Pacific Indemnity
Co. Forfeit, \$15 per day. Limit, 103
days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flets | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theaters |
| 7.—Federal Buildings | 17.—Wharves & Docks |
| 8.—Club Buildings | 18.—Misc. Const. |
| 9.—Hospitals | 20.—Misc. Supplies & Jails |
| 10.—Hotels | |

1—APARTMENTS

To Be Done By Day's Work
APARTMENTS Cost, \$12,000
 SAN FRANCISCO. N. California,
 107 ft E Funston Ave.

Two-story and basement frame apt. building.

Owner & Builder—Caroline Martin,
 3136 Geary Blvd.
 Architect—Not Given. 1

Plans Completed
APARTMENTS Est. Cost, \$25,000
 SAN MATEO, San Mateo Co., Calif.
 N 9th Ave. 227 E El Camino Real

Two-story frame and stucco apartment building (10 apts.) composition and shake roof, hardwood floors, tile baths, wood sash, etc.

Owner—Thos. Cook, 730 O'Farrell St., San Francisco.
 Architect—D. A. Jaelde, 126 Post St., San Francisco.
 Owner will take general figures.

4—FACTORIES & WAREHOUSES

Sub Contracts Awarded
WAREHOUSE Cost, \$12,000
 BERKELEY, Alameda Co., Cal. 900
 Heinz Ave.

One-story warehouse and shed.
 Owner—S. F. Sulphur Co., Seventh and Heinz Aves., Berkeley.
 Engineer—Kaj Thell, 580 Market St., San Francisco.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
 Architect—Not Given.

Reinforcing Steel—McGrath Steel Co., 354 Hobart St.

Glass and Glazing—W. P. Fuller & Co., 259 10th St.

Plumbing—Robt. D. Fearey, 1075 40th St.

Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts.

Concrete—Rhodes & Kennedy, Inc., 101 4th St.

Lumber—Loope Lumber & Mill Co., Broadway and Blanding Streets, Alameda.

Misc. Iron—Independent Iron Works, 821 Pine St.

All of Oakland unless otherwise noted.

Additional Sub Contracts Awarded
WAREHOUSE Est. Cost, \$100,000
 SAN FRANCISCO. Beale and Bryant Streets.

Steel frame warehouse (wood and composition roof, wood plies, steel sash).

Owner—Matson Navigation Co., 215 Market St.
 Structural Engineer—Kaj Thell, 580 Market St.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Structural Steel—Western Iron Wks., 141 Beale St., San Francisco.
 Ready-mix Concrete—John Cassaretto Co., Sixth and Channel Sts., San Francisco.

Previously reported that M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, awarded contract for furnishing and driving of timber and concrete composition piles. * 4

PLANS COMPLETED

SANTA ANA, Orange Co., Calif.—General Petroleum Co., Higgins Bldg., Los Angeles, will take bids shortly for wholesale oil plant to be built at Fruit and Lincoln Streets, Santa Ana, for the company. It will consist of a warehouse, office building, and a garage with sheet metal exterior; also two 20,000-gal. tanks and one 15,000-gal. tank. 4

CONTRACT AWARDED

CARPINTERIA, Santa Barbara Co., Cal.—Chas. M. Urton, 18 N Calle Alamo, Santa Barbara, awarded contract for erection of addition to a packing house in Carpinteria for the Carpinteria Lemon Assn. The new unit will house all the packing machinery. Henry W. Howell, architect, 157 Cheltenham Drive, Santa Barbara. 4

6—GARAGES & SERVICE STATIONS

Low Bidder
GARAGE Cost, \$.....
 LOS GATOS, Santa Clara Co., Cal. Santa Cruz Street.

One-story reinforced concrete garage and store building with structural steel roof and concrete floors.
 Owner—Withheld.

Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Low Bidder—Dan Caputo, 401 Illinois Ave., San Jose.

Completing Plans
REMODEL SERVICE STATION Cost, \$.....

SAN FRANCISCO. SE Lincoln Way and 19th Ave.

Remodel gasoline service station.
 Owner—Shell Oil Co.

Plans by Engrg. Dept. of Owner.
 Plans will be figured by a selected list of contractors.

Completing Plans
REMODEL SERVICE STATION

SAN JOSE, Santa Clara Co., Calif. First and Keyes Streets.

Remodel gasoline service station.
 Owner—Shell Oil Co.

Plans by Engrg. Dept. of Owner.
 Plans will be figured by a selected list of contractors.

Sub Contracts Awarded
SERVICE STATION Cont. Pr., \$8,500
 WATSONVILLE, Santa Cruz Co.

Steel service station and display bldg.
 Owner—Edward E. Kelly.

Lessee—General Petroleum Co.
 Plans by Engrg. Dept. of Lessee.

Contractor—R. S. Friend, 309 Stanford St., Watsonville.

Plumbing—Martin & Gleason, 20 Tharp St., Watsonville.

Electric Wiring—Just Rite Electric, 311 Van Ness St., Watsonville.

Sheet Metal, Steel Rolling Doors and Steel Building—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.

Lumber and Mill Work—Hammond Lumber Co. and Planing Mill, Walker and Kearny Sts., Watsonville.

Concrete—Granite Constr. Co., Ltd., Bin No. 9, Watsonville.
 Pumps—The Wayne Pump Co., 415 Brannan St., San Francisco.
 (1927) 1st report Feb. 11, 1932. * 6

Contract Awarded
SERVICE STATION Cost, \$10,000
 BERKELEY, Alameda Co., Cal. 3170 College Ave.

Steel gasoline service station.
 Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
 Plans by Engrg. Dept. of Owner.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco. 6

7—FEDERAL BUILDINGS

BIDS OPENED
MARE ISLAND, Solano Co., Cal.—Otis Elevator Co., 1 Beach Street, San Francisco, at \$3923, submitted low bid to the office of the Public Works Officer, U. S. Navy Yard, Mare Island, Cal., under Spec. No. 8661, for modernization of electric elevator in Bldg. No. 71, at the Navy Yard, Mare Island. Est. cost, \$3,500.

Work involves furnishing and installing the necessary equipment and safety devices to convert the electric elevator now installed from hand rope control to full automatic push button control.

Total bids follow:
 Otis Elevator Co., 1 Beach St., San Francisco.....\$3923.00

Westinghouse Elec. Elevator Co., San Francisco..... 3964.00

San Francisco Elevator Co..... 4374.80

BIDS OPENED
SAN DIEGO, Cal.—Walter Barber P.O. Box 1625, San Diego, at \$670 submitted low bid to the Public Works Officer, Eleventh Naval District, foot of Broadway, San Diego (Public Works Department), for alterations to sinks and drainboards at the 11th Naval District (Hospital), San Diego.

Complete bids follow:
 Walter Barber\$670.00

J. Reglogle 779.31

Olmstead Building Co..... 788.00

E. F. Byrnes 788.00

Andersen & Johnson..... 840.00

F. E. Young..... 840.82

E. F. Hastings..... 849.00

All of San Diego. 1

February 24, 1932
CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Schuler & McDonald, Inc., 1719 16th St., Oakland, at \$16,977 awarded the contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for the following temporary buildings: Frame office building and steel garage at the Naval Air Station, Alameda.

February 24, 1932
 New Bids Wanted—To Close Mar. 29

REMODELING Cost, \$.....

PHOENIX, Arizona.

Remodel the U. S. courthouse, etc.

Owner—U. S. Government.

Plans by Procurement Division, Public Bldgs. Branch, Washington D. C.

At previous bid opening December 23, MacDonald Const. Co., St. Louis at \$133,628 submitted low bid. All bids were rejected at that time.

Contract Awarded
IMMIGRATION STATION
 Contract Price, \$351,600
SAN PEDRO, Los Angeles Co., Cal.
 Reservation Point.
 Three - story and basement Class A Federal Immigration & Naturalization Station (161x93-feet), reinforced concrete walls and floors tile roof, exposed concrete exterior, steel sash, metal trim, steam heating system to house office, waiting rooms, dormitories, detention rooms, dining room kitchen, recreation room and hospital ward.
 Owner—United States Government.
 Plans by Treasury Dept. Supervising Architect, Washington, D. C.
 Contractor—Sarver & Zoss, Inc., 1015 W 4th St., Los Angeles.
 (8912) 1st report Dec. 31, 1967; 4th, Feb. 18, 1938.

Preparing Plans
POST OFFICE Cost, \$87,000
LIVERMORE, Alameda Co., Cal. SE
 Cor. 2nd St. and S. Livermore Ave.
 United States Post Office.
 Owner—U. S. Government.
 Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.

LOW BIDDERS
PORTLAND, Ore.—E. L. Knight Electric Co., Portland, at \$1,270, submitted low bid to Procurement Division, Public Bldgs. Branch, Washington, D. C., for recruiting the present ceiling outlets on fourth and fifth floors, and installing new branch circuit panels and their respective feeders for same, for the installation of new feeders to the present branch circuit panels in the workroom at the U. S. Post Office at Portland, Oregon.
 Three low bids were:
 E. L. Knight Electric Co., Portland.....\$1,270
 Kenney Elec. Co., Portland..... 1340
 W. I. Grassi Co., Portland..... 1425

Bids Wanted—To Close March 25, 1:00 P. M.
POST OFFICE Est. Cost, \$140,000
GLASGOW, Montana.
 U. S. Post Office and Courthouse (except elevator).
 Owner—U. S. Government.
 Architect — Procurement Division, Public Buildings Branch, Washington, D. C.
 Drawings and specifications obtainable from the above office.

Site Selection
POST OFFICE Cost, \$.....
LIVERMORE, Alameda Co., Calif.
 Second St. and S. Livermore Ave.
 U. S. Post Office.
 Owner—U. S. Government.
 Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.
 Site (150 x 158 feet) submitted by Gonconnon and M. E. Smith, N. McElroy, K. Ballard and A. F. Anderson; cost, \$7,200.

BIDS OPENED
RIVERSIDE AND KERN COS., Calif.—Construction Division, Farm Security Administration, San Francisco, at \$135,420, submitted low basic bid to the U. S. Dept. of Agriculture, Farm Security Administration, 227 Wells Fargo Bldg., 85 Second Street, San Francisco, for furnishing all labor and materials and performing all work for the construction of 80 residential units and utilities, consisting of electric and water distribution lines, sewage facilities, and roads; 40 units and utilities on the Shafter Tract, Kern Co., Shafter; 40 units and utilities on the Coachella Tract,

Riverside Co., Coachella, both tracts being a part of the California Migratory Labor Camps Project.
 Bids were received as follows:
 (1) Work complete for Coachella residences;
 (2) Work complete for Shafter residences;
 (3) Add or deduct for lead coat roofing on (a) Coachella residences, (b) Shafter residences;
 (4) Add or deduct for mastipave flooring on (a) Coachella residences, (b) Shafter residences;
 (5) Work complete for Coachella and Shafter residences.

Total bids follow:
 Construction Division, Farm Security Administration, San Francisco
 —(1) \$68,050, (2) \$67,370, (3a) add \$1375; (3b) add \$1390, (4a) add \$575, (4b) add \$835, (5) \$135,420.
 Esler Wickholm, Los Angeles—(1) \$69,000, (2) \$71,000, (3a) add \$1900, (3b) add \$1860, (4a) add \$1900, (4b) add \$1860, (5) \$140,000.
 Wm. P. Neil, Los Angeles—(1) \$73,000, (2) \$74,500, (3a) add \$1900, (3b) add \$1900, (4a) add \$1050, (4b) add \$1050, (5) \$145,500.

E. C. Nickel, Los Angeles — (1) \$80,987, (2) \$86,000, (3a) add \$1700, (3b) add \$1750, (4a) ded. \$300, (4b) ded. \$305, (5) \$166,000.
 Fred Greerfield, Los Angeles—(1) \$96,850, (2) \$97,760, (3a) add \$2140, (3b) add \$2215, (4a) add \$1476, (4b) add \$1391, (5) \$194,000.
 MacDonald & Kahn Co., Ltd., San Francisco—(1) \$98,989, (2) \$96,969, (3a) add \$1100, (3b) add \$1100, (4a) add \$2300, (4b) add \$2600, (5) \$195,591.

Fred J. Early, Jr., San Francisco—(1) \$98,125, (2) \$99,855, (3a) add \$1,860, (3b) add \$2100, (4a) ded. \$666, (4b) ded. \$733, (5) \$197,555.
 Chas. J. Dorfman, Los Angeles—(1) \$85,900, (2) \$87,900, (3a) add \$2,072, (3b) add \$2125, (4a) add \$1000, (4b) add \$1025.

Geo. Herz, San Bernardino — (1) \$79,597, (3a) add \$2200, (4a) \$450.
 Contracting Engineers Co., Los Angeles—(1) \$81,900, (3a) \$1900, (4a) \$1200.

W. E. Allen, Long Beach—(1) \$89,777, (4a) add \$400.
 A. J. Hendricks, Bakersfield—(2) \$103,000, (3b) add \$534, (4b) add \$525.
 Contract will be awarded Feb. 21.

COMPLETE BIDS
LOS ANGELES, Cal.—Montgomery Elevator Co., Moline, Ill., at \$9,070, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing one passenger elevator in the U. S. Immigration and Naturalization Station at Los Angeles.

Complete bids follow:
 Montgomery Elevator Co., Moline, Ill., at \$9,070
 Otis Elev. Co. Washington, D.C. 9,282
 Kimball Elev. Co., Ltd., L. A. 9,319
 Pacific Coast Elev. Co., L. A. 10,600
 Shepard Elev. Co., Cincinnati, late bidder.

Complete Bids
STORAGE BUILDING
MARE ISLAND, Solano Co., Calif.
 Construction of paint and oil storage building at the Navy Yard, Mare Island; Spec. 8595. Work includes wood piles, reinforced concrete construction, structural glass blocks, steel and iron work, built-up roofing, sheet metal work, metal doors and windows, marble work, and plumbing, heating and electrical systems.
 Owner—U. S. Government, Bureau of Yards and Docks, Navy Dept., Washington, D. C.

Bids were received on fourteen items, first four of which follow:
 (1) work complete; (2) work com-

plete, omitting bays indicated as X and Y in Alternate A; (3) work complete, omitting bay indicated as Z in Alternate B; (4) work complete, omitting bays indicated as X, Y and Z in Alternates A and B.

Complete bids follow:
 De Luca & Son, Inc., 1745 Filbert St., San Francisco—(1) \$168,440, (2) \$154,440, (3) \$161,440, (4) \$147,440, (5) ded \$1500, (6) ded \$1525, (7) ded \$1550, (8) ded \$1525, (9) ded \$1300, (10) ded \$29,000, (11) 26,200, (12) ded \$27,600, (13) ded \$24,800, (14) ded \$170.

W. K. Van Bokkelen Construction, Oakland—(1) \$176,300, (2) \$163,700, (3) \$170,700, (4) \$156,700, (9) ded \$918, (10) ded \$31,909, (11) ded \$2962, (12) ded \$1432, (13) ded \$4444, (14) ded \$172.

George J. Maurer Co., Piedmont—(1) \$179,300, (2) \$168,500, (3) \$173,000, (4) \$160,000, (5) ded \$1250, (6) ded \$1200, (7) ded \$1225, (8) ded \$1175, (9) ded \$1200, (10) ded \$28,500, (11) ded \$26,700, (12) ded \$27,700, (13) ded \$25,700, (14) ded \$650.

K. E. Parker Co., San Francisco—(1) \$179,600, (2) \$165,750, (3) \$172,900, (4) \$159,250, (5) ded \$500, (6) ded \$700, (7) ded \$640, (8) ded \$240, (9) ded \$1600, (10) ded \$25,000, (11) ded \$22,500, (12) ded \$26,600, (13) ded \$24,100, (14) ded \$150.

MacDonald & Kahn Co., Ltd., San Francisco—(1) \$179,971, (2) \$168,000, (3) \$174,000, (4) \$162,000, (5) ded \$400, (6) ded \$300, (7) ded \$300, (8) ded \$300, (9) ded \$1100, (10) ded \$26,100, (11) ded \$23,600, (12) ded \$24,550, (13) ded \$22,650, (14) ded \$140.

A. Nelson, Inc., San Francisco—(1) \$184,975, (2) \$169,500, (3) \$177,200, (4) \$162,000, (5) ded \$1300, (6) ded \$1200, (7) ded \$1200, (8) ded \$1200, (9) ded \$1000, (10) ded \$29,500, (11) ded \$26,700, (12) ded \$28,000, (13) ded \$25,000, (14) ded \$145.

Carl N. Swenson Co., San Jose—(1) \$187,100, (2) \$171,045, (3) \$179,275, (4) \$162,745, (5) ded \$1000, (6) ded \$900, (7) ded \$950, (8) ded \$875, (9) ded \$1435, (10) ded \$27,900, (11) ded \$25,000, (12) ded \$26,650, (13) ded \$22,350, (14) ded \$157.

Dinwiddie Constr. Co., San Francisco—(1) \$188,000, (2) \$176,000, (3) \$182,000, (4) \$169,500, (5) ded \$100, (6) ded \$100, (7) ded \$100, (8) ded \$100, (9) ded \$950, (10) ded \$31,100, (11) ded \$30,100, (12) ded \$30,000, (13) ded \$29,800, (14) ded \$100.

Central California Constr. Co., San Francisco—(1) \$189,363, (2) \$174,488, (3) \$181,868, (4) \$167,000, (5) ded \$1500, (6) ded \$1400, (7) ded \$1300, (8) ded \$1450, (9) ded \$1000, (10) ded \$28,000, (11) ded \$26,000, (12) ded \$27,000, (13) ded \$25,000.

James I. Barnes Constr. Co., Santa Monica—(1) \$190,000, (2) \$177,000, (3) \$183,500, (4) \$170,500, (5) ded \$500, (6) ded \$450, (7) ded \$475, (8) ded \$425, (9) ded \$1200, (10) ded \$40,000, (11) ded \$7,600, (12) ded \$35,500, (13) ded \$35,500, (14) ded \$200.

C. L. Wold Constr. Co., San Francisco—(1) \$193,000, (2) \$153,368, (3) \$7,310, (4) \$22,675, (5) \$1110, (6) \$210, (7) \$210, (8) \$420, (9) \$4061, (10) \$29,688, (11) \$2361, (12) \$1180, (13) \$4491, (14) \$525.

H. J. Christensen & Co., Alameda—(1) \$197,700, (2) \$181,700, (3) \$189,700, (4) \$173,700, (5) \$1050, (6) \$1035, (7) \$1045, (8) \$1030, (9) \$1650, (10) \$34,000, (11) \$31,500, (12) \$23,750, (13) \$30,250.

R. Westcott, Inc., Los Angeles—(1) \$194,198, (2) \$181,860, (3) \$188,029, (4) \$175,691, (5) \$2150, (6) \$1200, (7) \$2125, (8) \$1175, (9) \$1150, (10) \$30,500, (11) \$27,500, (12) \$29,000, (13) \$26,000, (14) \$175.

Robert McCarthy, San Francisco—(1) \$200,000, (2) \$180,000, (3) \$190,000, (4) \$170,000, (9) \$800, (10) \$30,000, (11) \$27,000, (12) \$29,000, (13)

—\$26,000. (14) —\$100.
 Barrett & Hillp, San Francisco—
 (1) \$203,517, (2) \$188,648, (3) \$190,092, (4) \$181,158, (5) —\$1510, (6) —\$1800, (7) —\$1600, (8) —\$1600, (9) —\$1800, (10) —\$32,400, (11) —\$30,000, (12) —\$31,200, (13) —\$28,800, (14) —\$150.

Guy F. Atkinson Co., San Francisco—(1) \$204,000, (2) \$181,900, (3) \$189,000, (4) \$175,000, (5) —\$1200, (6) —\$1080, (7) —\$1140, (8) —\$1000, (10) —\$37,800, (11) —\$34,900, (12) —\$36,200, (13) —\$33,500, (14) —\$160.
 Chinton Constr. Co., San Francisco—(1) \$204,800, (2) \$188,800, (3) \$196,800, (4) \$189,800, (5) —\$1000, (6) —\$1000, (7) —\$1000, (8) —\$1000, (9) —\$1800, (10) —\$32,600, (11) —\$29,800, (12) —\$31,200, (13) —\$28,400, (14) —\$100.

W. P. Thurston, Richmond, Va.—(1) \$233,000, (2) \$215,000, (3) \$224,000, (4) \$206,000, (5) —\$5000, (6) —\$5000, (7) —\$5000, (8) —\$5000, (9) —\$1000, (10) —\$26,000, (11) —\$22,000, (12) —\$24,000, (13) —\$20,000.

COMPLETE BIDS

MARE ISLAND, Solano Co., Cal.—Cory & Joslin, Inc., 50 Hawthorne St., San Francisco, submitted low bid on Item 1 at \$159,500 to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for motor-driven pumps, piping, plumbing and air-conditioning apparatus for dry dock at the Navy Yard, Mare Island; Spec. 8516.

Complete bids follow:
 Cory & Joslin, Inc., San Francisco—Item 1, \$159,500; Item 2, \$169,600; Item 3, \$158,600; Item 6, \$146,200.
 Fred J. Early, Jr., 369 Pine St., San Francisco—(1) \$176,000; (6) \$168,000.

Anderson & Rowe, 45 Belcher St., San Francisco—(1) \$177,132; (2) \$179,132; (3) \$171,924.
 B. A. Hawkins & Co., San Francisco—(1) \$192,000.
 Herman Lawson Co., San Francisco—(1) \$197,000.

at Portland, Oregon.

Complete bids follow:
 E. L. Knight Elec. Co., Portland—\$1,270.
 Kenney Electric Co., Portland—\$1,340.00.
 W. R. Grassl Co., Portland—\$1425.
 Tle Elec. Co., Portland—\$1852.
 Huenergard Elec. Co., Portland—\$2217.
 NePage McKenny Co., Portland—\$2324.

CONTRACT AWARDED

SAN FRANCISCO—Missouri Steel & Wire Co., St. Louis, Mo., at \$3,140, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing special interior lighting fixtures at the U. S. Post Office and Court House, San Francisco.

CLUB BUILDINGS

Sub Contracts Awarded RECONSTRUCTION

OAKLAND, Alameda Co., Cal. 1547 Oak St.
 Reconstruction of building.
 Owner—Scottish Rite Temple Assn. Architect—Will G. Corlett, Bank of America Bldg., Oakland.
 Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
 Plastering—Wm. Makin, 2141 Livingston St., Oakland.
 Roofing and Waterproofing—General Roofing Co., 3985 Beach St., Oakland.
 Gunite Work—J. H. Mohr, Inc., 960 7th St., San Francisco.
 Reinforcing Steel—Gunn-Carle & Co.,

20 Potrero Ave., San Francisco.
 Cutting Concrete—Emasco Concrete Cutting Corp., 147 11th St., San Francisco.
 Ornamental Grilles, Rails, Etc.—McNeill-Steinberg Mfg. Co., 36 Clyde St., San Francisco.
 (1515) 1st report Feb. 10, 1938. • 8

—N. P. Blakeman & Son, Rt. 2, Box 136.
 Grading—Fred Ragsdale, No. 5 21st Street.
 Foundations and Concrete—Bill Bailey, Box 615.
 Hardware—Barcroft Hardware Co., 525 17th St.
 Painting—Zierenberg & Son, 1121 K Street.
 Lathing and Plastering—Jack H. Shone, 11 18th St.
 All of Merced.

New Bids Wanted—To Close March 14, 11:00 A. M.
HOSPITAL BLDG. Est. Cost, \$250,000
EAST BAKERSFIELD, Kern Co., Cal. Kern General Hospital.
 Four-story steel frame hospital wing to provide for 150 patients (concrete walls and floors, brick veneer exterior, lift, elevator, asphalt the floor surfacing, tiled bathrooms, steam heat from central plant). Revised plans contemplate leaving two floors of the building unfinished but there will be no structural changes.

Owner—County of Kern.
 Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
 Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.
 All bids received January 24th were rejected.
 Plans and specifications may be obtained from the architect's office.

Bids Wanted—To Close About Mar. 14, 11 A. M.
ADDITION Cost, 5.....
SANTA CLARA, Santa Clara Co., Calif. Los Gatos Road.
 One-story frame wing addition to the Santa Clara County Hospital to provide room for 31 beds.
 Owner—County of Santa Clara.
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
 Plans and specifications may be obtained from the architect's office upon deposit of \$10.00.
 Bids will be opened in the Chambers of the Board of Supervisors in the courthouse.

12— POWER PLANTS

BIDS WANTED
BRAWLEY, Imperial Co., Calif.—Until Mar. 15, 10 a.m., bids will be received by the Imperial Irrigation District, El Centro, for construction of an extension to the power house and new fuel and lubricating oil tanks at Brawley, Cal., in accordance with Spec. No. 6, copies of which are on file at the office of the district at El Centro and which may be obtained upon deposit of \$10 per set, returnable.
 The work involves:
 (1) a 48-ft. extension of the present diesel plant building;
 (2) one 2240-bbl. fuel oil tank, three 300-gal. day tanks, and three 900-gal. lubrication oil sump tanks.
 The work will be done under a PWA loan and grant, PWA Docket No. Calif. 1088-P-D, and the award of contract will be contingent upon securing funds from such source. M. J. Dowd, Imperial, is the chief engineer; W. W. Goodson, secretary.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Opened
MAINTENANCE & EQUIPMENT BUILDINGS Cost, \$.....
SAN DIEGO, Cal. Division of Highways, District 11.
 Erection and completion of five

9— HOSPITALS

BIDS OPENED
MENDOCINO, Cal.—E. A. Cornely, Inc., 1452 Bush St., San Francisco, at \$1480,000 submitted low bid to State Architect Geo. B. McDougall, Public Works Building, Sacramento, for automatic combustion control in the boiler plant at Mendocino State Hospital.
 Work consists of automatic combustion equipment on four boilers in the main boiler plant.
 Complete bids follow:
 E. A. Cornely, Inc., 1452 Bush St., San Francisco, 1480,000.
 Walter S. Leland Co., S. F., 1523,000.
 C. C. Moore & Co., S. F., 1986,000.
 Herman Lawson Co., S. F., 2187,000.

Sub Contracts Awarded BAKERY BLDG. Cont. Pr., \$26,597
STOCKTON STATE HOSPITAL, San Joaquin Co., Cal.

Two-story reinforced concrete addition to existing brick building, complete with all mechanical and electrical work; steel windows, steel trussed roof framing and wood roof sheathing.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect Public Works Bldg., 12th and N Sts., Sacramento.
 Contractor—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.
 Brick Work—Ray W. Strim, 1430 E. Walnut St.

Air Conditioning and Heating—O. H. Vetter, 237 S. Hunter St.
 Electric Work—Haley Electric & Mechanical Co., 309 E. Weber Ave.
 Glass and Glazing—W. P. Fuller Co., 218 S. Aurora St.
 Lumber and Roofing—San Joaquin Lumber Co., Scotts Ave. and Madison St.
 Mill Work—Capital City Planing Mill, 1812 Ninth St., Sacramento.
 Painting—J. F. Ecker, 17 W. Poplar.
 Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
 Reinforcing Iron—Kyle & Co., Inc., West's Lane.
 Structural Steel—Palm Iron & Bridge Works, P.O. Box 746, Sacramento.

Tile Work—H. P. Felscher Tile & Marble Co., 802 E. Weber St.
 Sheet Metal—O. H. Vetter, 237 S. Hunter St.
 All of Stockton, unless otherwise noted.

Sub Contracts Awarded HOSPITAL Cont. Pr., \$31,900
MERCED, Merced Co., Cal. Merced General Hospital, 13th and D Sts.
 One-story Class B women's and children's ward unit.
 Owner—County of Merced.
 Architect—Johnson & Wethered, A. O. Johnson, Architect, Sir Francis Drake Hotel, San Francisco.
 Contractor—Inner & Allen, 130 27th St., Merced.
 Roofing, Glass and Lumber and Mill Work—Cross Lumber Co., Drawer 1.
 Plumbing, Sheet Metal and Heating—Sanitary Plumbing Co., P.O. Box 937.
 Tile Work—Merced Tile Co., 741 17th Street.
 Window Shades—Tredway Furniture Co., 335 17th St.
 Brick, Stone Work and Hollow Tile

highway maintenance and equipment buildings consisting of a maintenance office bldg., maintenance and equipment shelter, equipment shop, and two gasoline stations; maintenance office bldg. is wood frame structure with exterior cement plaster, interior plaster and clay tile roof; maintenance and equipment shelter is a wood frame structure with exterior cement plaster and composition roof; equipment shop is a combination wood and steel frame structure with exterior cement plaster, cement floors and composition roof, with one end housing the office rooms to have a clay tile roof; the gasoline stations are one-room reinforced concrete buildings with exterior cement plaster and composition roof.

Owner—State of California, Division of Highways, District 11.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids were received as follows: (1) General work; (2) Mechanical work, and (3) Electrical work.

Complete bids follow:

General Work
 H. H. Peterson, 3758 W. Atlantic St., San Diego—\$47,548.
 R. J. Dean, Inglewood—\$50,500.
 Hunt & Curry, San Diego—\$52,890 (ded. \$3000 by wire).
 Gunnar Johnson, San Diego—\$53,997.
 Arthur Pinner, Jr., Los Angeles—\$54,138 (ded. \$700 by wire).
 M. H. Golden, San Diego—\$54,625.
 L. A. Contracting and C. G. Wapschal, Los Angeles—\$55,800.
 H. Mayson, Los Angeles—\$56,306.
 V. R. Dennis Construction Co., San Diego—\$57,493.
 Wm. E. and Victor L. Jacobson, Los Angeles—\$59,416.

Mechanical Work
 A. Heilbron, 1446 5th Avenue, San Diego—\$5,296.
 Edward Rohde, San Diego—\$5,887.
 A. O. Reed, San Diego—\$5,966.
 H. E. McNeil, San Diego—\$7,525.

Electrical Work
 Coast Electric Co., Long Beach—\$4,030.
 M. H. Golden, San Diego—\$4,152.
 Ace Electric Co., San Diego—\$4,400.
 San Diego Electric Shop, San Diego—\$4,409.
 Capital Electric Co., San Diego—\$4,489.
 California Electric Works, San Diego—\$4,493.

BIDS WANTED

SAN FRANCISCO—Until March 9, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for painting Stockton Street Tunnel. Estimated cost, \$7,000.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall.

BIDS OPENED

SAN FRANCISCO—Lacquer Floor Service Co., 175 Seville St., at \$84.50, submitted low bid to the Department of Public Works, Room 251, City Hall, for cleaning and applying two coats of Shasta lacquer to front, rear and vault of general office, Room 255, City Hall.

Only other bid submitted by Jones Supply Co., at \$85.50.

Contract Awarded

CITY HALL Cost, \$
LAWDALE, San Mateo Co., Calif.
 NW Cor. El Camino Real and Jewell Avenue.
 Complete exterior work only with no inside finish work for a 1-story

and basement frame city hall building to contain courtroom, city clerk's office, health department, police department, post office, jail and garage (tile roof, stucco finish, wood sash, gas-steam radiators).

Owner—City of Lawndale.
 Architect—Resing & McGuinness, 485 Pine St., San Francisco.

Contractor—H. H. Smith, 2 Hillside Blvd., Daly City, \$11,516.

Bids on balance of work will not be asked for about one year.

Contract Awarded

PLASTERING Cont. Pr., \$29,960
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
 General plastering, North long court at the Exposition site; Contract No. 152.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.); 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Peter Bradley, 639 Brannan St., San Francisco.

Bids Wanted—To Close March 7,

3:00 P. M.
PLASTERING Cost, \$.....
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
 General plastering, west walls and main entrance at the Exposition site; Contract No. 132.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office upon deposit of \$20.

Contract Awarded

PLASTERING Cont. Pr., \$40,883
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
 General plastering of central court at the Exposition site; Contract No. 131.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—James F. Smith, 271 Minna St., San Francisco.

Sub-Contracts Awarded

CITY POUND Cost, \$12,690
SACRAMENTO, Sacramento Co., al. One-story corrugated iron city dog pound (99x46-ft.) concrete floors, composition roof.

Owner—Ben All Mystic Fund Committee.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—Lawrence Const. Co. 2574 18th St., Sacramento.

Plumbing—A. W. Sweet, 112 West Bassettlaw Avenue.

Electric Wiring—E. H. Wilmunder, 1149 Swanson Drive.

Sheet Metal—Wm. H. Gibson, 417 29th Street.

Glass—T. E. Cain, Inc., 2416 J St.

Iron Grille Work—Palm Iron W'ks, 15th and S Sts.

Brick and Stone Work—Henry Redmond, 2414 H St.

Lumber—Friend & Terry Lbr. Co., S and Front Sts.

Mill Work—Burnett & Sons, 11th and C Sts.

Lathing and Plastering—Thomas F. Scollan Co., 2919 T St.

Concrete—Perkins Gravel Co., 1846 37th Street.

All of Sacramento.

LOW BIDDERS

LANCASTER, Los Angeles Co., Calif.
 —W. E. Allen, 745 W 14th St., Long Beach, submitted low bid to the Los Angeles County Supervisors at \$42,390, for proposed memorial hall and office building to be built on the SW corner of 10th and Cedar Sts., Lancaster. General contract will include plumbing, drainage, heating, ventilation and electric work.

Bids were taken as follows: (1) not including aluminum paint on roof; (2) including aluminum paint on the roof. Three low bids were:

W. E. Allen, (1) \$42,390; (2) \$42,475.
 Contracting Engineers Co., (1) \$43,900; (2) \$44,000.
 Arthur Pinner, Jr., (1) \$43,978; (2) \$44,053. 13

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until March 9, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, for alterations for Calaveras and Sunol cottages in Alameda County.

Specifications obtainable on the 6th floor at 425 Mason St., San Francisco upon deposit of \$5.00.

Planned

EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Exhibit building.
 Owner—The Christian Science Monitor.

Architect—Edward G. Bolles, 681 Market St., San Francisco.

Bids Wanted—To Close March 15,

2:00 P. M.
PILE FOUNDATIONS Cost, \$.....
AGNEW STATE HOSPITAL, Santa Clara Co., Calif.

Erection and completion of pile foundation for Ward Unit No. 3 at Farm; work includes furnishing and installing 615 cast-in-place concrete piles having an average length of approx. 25 feet together with rough excavation of building site.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Bids must be accompanied by cashier's or certified check payable to the Director of Public Works, in the amount of 10% of bid.

BIDS OPENED

SAN FRANCISCO—G. H. Armstrong, 1388 Van Ness Ave. South, San Francisco, at \$274, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for furnishing and installing duplex floor plugs for desks on sixth floor, changing feeder to the fourth and fifth floors, changing feeder to the first floor panelboard, and providing a new panelboard for fifth floor and increasing the capacity of fourth and fifth floor feeder fuse block in main switchboard at 425 Mason Street.

Complete bids follow:
 G. H. Armstrong.....\$274.00
 Atlas Elec. & Engineering.....307.00
 Calif. Elec. Constr. Co.....330.00
 Bur. of Bldg. Repair.....337.87
 Central Electric Co.....340.00
 E. J. Lynch Elec. Co.....370.00
 Chas. A. Langlais.....373.00
 Levy Electric Co.....442.00
 United Electric Constr. Co.....517.00

14—RESIDENCES

Contract Awarded
RESIDENCE Cost, \$7250
MENLO OAKS, San Mateo Co., Cal.
Lot 12 Blk 3, Stanford Avenue.
New residence.
Owner—T. A. Allan, Kohl Bldg., San Francisco.
Architect—Frederick L. Confer, 3147 Claremont Ave., Berkeley.
Contractor—A. J. Wilbe, 991 Lincoln Ave., Palo Alto.

To Be Done By Day's Work
RESIDENCE Cost, \$10,000
SAN FRANCISCO. NE San Felipe, 190 ft SE San Jacinto.
Two-story and basement frame residence.
Owner & Builder—Delaney & Wilson, 1243 22nd Ave.
Architect—Mark Daniels, 101 Post St. 14

Contract Awarded
ALTERATIONS
Contract Price, \$1,060.40
SAN FRANCISCO. 1649 11th Ave.
General alterations to residence.
Owner—Home Owners Loan Corp., 785 Market Street.
Plans by Owner.
Contractor—R. J. Jenkins, 42 Short Street.

Preparing Working Drawings
RESIDENCE Cost, \$10,000-\$12,000
MONTEREY, Monterey Co., Calif.
One-story Naillite brick residence rambling type, shake roof, hardwood floors, tile baths, etc.
Owner—Jos. P. Bem, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Preparing Working Drawings
RESIDENCE Cost, \$25,000
CORCORAN, Kings Co., Cal.
One and one-half story frame residence (10 rooms, 4 baths), swimming pool.
Owner—Forrest Riley, Corcoran.
Architect—David H. Horn, Rowell Bldg., Fresno.

Contract Awarded
ALTERATIONS Cost, \$980
SAN FRANCISCO. 607 12th Ave.
General alterations to residence.
Owner—Home Owners Loan Corp., 785 Market St.
Plans by Owner.
Contractor—A. F. Mattock Co., 212 Clara St.

Contract Awarded
ALTERATIONS Cost, \$356
BERKELEY, Alameda Co., Calif.
1331½ Haskell St.
General alterations to residence.
Owner—Home Owners Loan Corp., 785 Market St., San Francisco.
Plans by Owner.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.

To Be Done By Day's Work
RESIDENCE Cost, \$15,000
SAN FRANCISCO. SW Jackson & Presidio.
Two-story and basement frame residence.
Owner & Builder—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Architect—Ed Musson Sharpe, 111 Sutter St.

Contract Awarded
RESIDENCE Cost, \$5,000
SANTA CLARA, Cal. El Camine Park.
One-story residence (5 rooms), tile bath, hardwood floors, wood sash, etc.
Owner—Mr. Hamby.

Architect—D. A. Jaekle, 126 Post St., San Francisco.
Contractor—Pasetta Constr. Co., 2390 Park Ave., Santa Clara.

Contract Awarded
RESIDENCE Cost, \$5,000
SANTA CLARA, Calif.
One-story Monterey type residence (5 rooms), hardwood floors, tile bath, wood sash, etc.
Owner—Mr. Von Auron.
Architect—D. A. Jaekle, 126 Post St., San Francisco.
Contractor—Pasetta Constr. Co., 2390 Park Ave., Santa Clara.

Plans Being Figured
RESIDENCE Cost, \$3,250
SAN LEANDE, Alameda Co., Cal.
One-story frame and wood siding residence (shake roof, hardwood floors, tile baths, wood sash, etc.)
Owner—Mr. Cast, c/o Architect.
Architect—Irwin M. Johnson, 2219 Seventh Ave., Oakland.
Plans are now being figured by a selected contractor.

Plans Being Figured—Bids Close
March 3, Noon.
RESIDENCE Est. Cost, \$13,500
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (gas fired hot air heating, shake roof, hardwood floors, tile baths, wood sash, etc.)
Owner—C. Von Gunten, c/o Architect.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.

Plans are being figured by a selected list of contractors.
Sub Contracts Awarded
ALTERATIONS Cost, \$.....
WOODSIDE, San Mateo Co., Cal.
Alterations to residence.
Owner—James F. Waters.
Architect—Douglas D. Stone, 381 Bush St., San Francisco.
Contractor—Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., San Francisco.
Lumber—Christenson Lumber Co., Quint and Evans Sts., San Francisco.
Mill Work—Pacific Mfg. Co., Santa Clara.

To Be Done By Day's Work
RESIDENCES Cost, \$3,000 each
SAN FRANCISCO. W Moneta St., north of Farragut Ave. and east of Charles Ave., north of Alemany Blvd.
Fourteen one-story and basement frame residences.
Owner and Builder—J. Rudolph Mohr & Sons, 4482 Mission Street.
Architect—Not Given. 14

Contract Awarded
RESIDENCE Est. Cost, \$6,000
MILLBRAE HIGHLANDS, San Mateo Co., Cal.
Two-story frame and stucco residence (5 rooms), hardwood floors, tile baths, etc.
Owner—Mrs. J. Cline, c/o Archt.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
Contractor—J. M. Johnson, Millbrae Highlands, Millbrae.

Owner Now Taking Sub Bids
RESIDENCES Cost, \$.....
SAN FRANCISCO. N. Judah St., bet. 34th and 35th Aves.
Ten one-story frame and stucco residences (5 rooms and aocall hall each), hardwood floors, tile baths, wood sash, etc.
Owner—Happy Home Bldg. Co., 2194 30th Ave., San Francisco.
Plans by Owner.
Sub bids are now being received on all portions of the work.

Contract Awarded
RESIDENCE Cost, \$8,500
PALO ALTO, Santa Clara Co., Cal.
132 Pitman Ave.
Two-story residence with garage.
Owner—O. A. Cowper, 436 Tennyson Ave.
Architect—Not Given.
Contractor—H. H. Dabinett, 720 Oregon Ave. 14

Preparing Working Drawings
DUPLEX RESIDENCE Cost, \$9,500
OAKLAND, Alameda Co., Cal. 8th Ave. and 24th St.
One and part two-story frame duplex residence; Colonial style, vitrolite baths and kitchens, hardwood floors, shingle roof, wood sash, etc.
Owner—Mr. Graham, c/o Archt.
Architect—Irwin M. Johnson, 2219 Seventh Ave., Oakland.

Bids In—Held Under Advertisment
RESIDENCE Cost, \$.....
BURLINGAME HILLS, San Mateo Co., Cal.
Two-story frame residence with wood siding; hardwood floors, tile baths, etc.
Owner—Richard Raoul-Duval, c/o Architect.
Architect—W. W. Wurster, 260 California St., San Francisco.

Plans Being Figured—Bids Close
March 2, 4 P. M.
RESIDENCE Cost, \$.....
MARIN COUNTY, Calif.
One-story frame and wood siding residence (7 rooms), white and knotty pine in den and living room, hardwood floors, linoleum baths, brick terrace.
Owner—C. O. Warz, c/o Archt.
Architect—Fred Reimers, 233 Post St., San Francisco.
Following selected list of contractors are figuring plans:
W. F. Dreyer & Son, Box 240, Atlas way, Napa.
Carlen Construction Co., 147 10th St., San Francisco.
Leach & Wallace, 133 Saunders Ave., San Anselmo.
Ed. J. Faouillat, 33 Grove Lane, San Anselmo.
Robert Roy, Box 265, Fairfax.

Completing Working Drawings
RESIDENCE Est. Cost, \$6,000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence (6 rooms, 2 baths), shingle roof, hardwood floors, tile baths, etc.
Owner—Dr. Carl Sawyer, c/o Archt.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Preparing Preliminary Plans
RESIDENCE Cost, \$15,000
SAN FRANCISCO. Seaciff.
Two-story residence, stucco, with flush sidings, hot air heating system, asbestos shingle roof, three baths.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Owner Now Taking Sub-Bids
RESIDENCE Cost, \$.....
ALAMEDA, Alameda Co., Cal. Carolline Street.
One and one-half-story frame and stucco residence (6 rooms) plaster wall interior, gravity gas heating system, steel sash, shingle roof, oak floors, tile bath, celotex ceilings, 30-gallon water heater, etc.
Owner and Builder—Dodds & Chambers, 1428 Franklin St., Oakland.
Plans by Owner.
Sub-bids are now being taken on all portions of the work.

Bids In—Held Under Advertisment
MISSION HOME Cost, \$.....
SAN FRANCISCO. On Joyce St., between Sacramento and Clay Sts. Two-story brick Chinese mission home building.
 Owner—Board of National Missions of the Presbyterian Church.
 Architect—Jas. H. Mitchell, 369 Pine Street.

To Be Done By Day's Work
RESIDENCES Cost, \$4,000 each
SAN FRANCISCO. W. 15th Ave., N. of Ortega St.
 Four one-story and basement frame residences.

Owner & Builder—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. 14

Bids Rejected.
RESIDENCE Cost, \$.....
ROSS Marin Co., Cal.
 Two-story frame and stucco residence (five rooms), composition roof, forced air heating system, wood sash, hardwood floors, etc.
 Owner—Carl Rislisk, c/o Architect.
 Architect—Angus McSweeney, 604 Mission St., San Francisco.
 All bids were rejected.

15—SCHOOLS

CONTRACT AWARDED
WHITTIER, Los Angeles Co., Cal.
 Wm. T. Loesch, 119 E Union Street, Pasadena, awarded contract by the Whittier City School Dist., at \$85,000 for the construction of a new frame and stucco school building on the Lincoln site in Whittier. R. L. Warren, architect, 123 Emporium Bldg., Whittier. 15

CONTRACT AWARDED
LOS ANGELES, Cal.—Wesco Construction Co., 2000 Hyperion Ave., Los Angeles, awarded contract by Nordhoff Union Grammar School District at \$22,705, for construction of an assembly hall at Nordhoff grammar school in Ojal. A PWA project. Roy C. Wilson and Geoffrey N. Lawler, architects, Say Rd., Santa Paula; Manley W. Sahlborg, structural engineer, Architects' Bldg., Los Angeles. 15

CONTRACTS AWARDED
LOS ANGELES, Cal.—Campbell & Kelly, 253 S. Broadway, awarded contract by Los Angeles Board of Education, at \$27,239, for construction of a 6-classroom addition to the Indiana Street School, 3607 E. 3rd St. Other contracts awarded as follows: Plumbing, Wm. D. Kraemer, 5437 Maywood Ave., Maywood, at \$3448; painting, T. A. Rucker, 1012 S. Adams St., Glendale, at \$960; electric wiring, Jos. Korb, 5734 York Blvd., at \$1363. W. L. Risley, architect, 220 S. Westmoreland Avenue; Ralph Marvin, structural engineer; O. W. Ott, mechanical engineer. 15

LOW BIDDERS
LOS ANGELES, Calif.—Harry F. Miller, 7530 S. Hobart Blvd., Los Angeles, submitted low general bid to Los Angeles Board of Education, at \$46,812, for construction of a 10-classroom and kindergarten building at the Ford Blvd. School, 1150 Ford Blvd., Belvedere Gardens. Other low bids were: Plumbing, E. Willardson, 2850 Rowena Ave., Los Angeles, at \$4094; heating E. R. Jordan, 1427 Chevy Chase Dr., Glendale, at \$3468; painting, Stanley F. McGrath, 2340 S. Beverly Glen, Beverly Hills, at \$1740; electric wiring, Gerard Vande, 1876 W. 38th Pl., Los Angeles, at \$3950. Harold S. Johnson, architect, 1001 Architects' Building; Holmes & Narver, structural engineers; E. L. Ellingwood, mechanical engineer. 15

Bids Wanted—To Close March 21, 8:00 P. M.
SCHOOL BUILDINGS
LODI, San Joaquin Co., Cal.
 Two-story reinforced concrete music building (music rooms, rehearsal room, and two classrooms), asbestos roof, cork carpet over wood floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant and a one-story reinforced concrete agricultural mechanics shop building (50 x 100 ft.), asbestos built-up roof, steel industrial windows.
 Owner—Lodi Union High School District.
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Plans and specifications may be obtained at the architect's office upon deposit of \$25 on each set. Bids may be submitted on both buildings together, or each building separately.
 Bids will be opened at the Lodi Union High School.

CONTRACT AWARDED
ANAHEIM, Orange Co., Cal.—John A. Elystone, Box 7, Garden Grove, awarded contract by Anaheim School District, at \$56,405 (including alternate bid No. 1 and subject to PWA approval), for construction of a one-story classroom building at the Benjamin Franklin Elementary School, located at the northeast corner of Janss and Water Streets, Anaheim. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles.

LOW BIDDERS
REDLANDS, San Bernardino Co., Cal.—O. K. Earl, Jr., 900 E. Footbill Blvd., Altadena, submitted low general bid to Redlands Board of Education, at \$62,200, for construction of a classroom building on the McKinley School site in Redlands. Other low bids were: J. Herman Co., 1349 E. Vernon Ave., Los Angeles, on heating, at \$2850; Earl O. Stice Co., 2102 Colorado Blvd., Los Angeles, on the plumbing, at \$7827; Coast Elec. Co., 1631 Pacific Ave., Long Beach, on electric work, at \$7595; Pioneer Floor & Roofing Co., 3067 Walnut, Riverside, on hardware, at \$3950; C. E. Sherman, 1345 Alhambra Terrace, Los Angeles, on painting, at \$2445. Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, architects. 15

LOW BIDDERS
LOS ANGELES, Cal.—Campbell & Kelly, 253 S. Broadway, submitted low bid to Los Angeles Board of Education at \$27,239 for construction of a 6-classroom addition to the Indiana St. school, 3607 E 3rd St. W. L. Risley, architect, 220 S. Westmoreland Ave.; Ralph Marvin, structural engineer; O. W. Ott, mechanical engineer. 15

Contract Awarded
AUDITORIUM Cost, \$.....
SAN MATEO CO., Calif. Bayshore District.
 One-story frame and stucco auditorium at the Bayshore School.
 Owner—Visitation School District.
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.
 Contractor—George W. Williams Co., 10 California Drive, Burlingame, \$15,995.

Sub Contracts Awarded
SHOP BLDG. Cont. Fr., \$5,185
FOWLER, Fresno Co., Cal.
 Structural steel and wood frame agricultural shop building (composition roof, steel sash, concrete floors, stucco exterior).

Owner—Fowler Union High School District.
 Architect—Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno.
 Contractor—Ericson & Houte, Route 6, Box 540, Fresno.
 Mill Work—Hollenbeck Bush Planing Mill, P.O. Box 605.
 Iron and Steel—Kyle & Co., 346 G Street.
 Glass and Glazing—W. P. Fuller & Co., 1246 Fulton St.
 Plastering—G. W. Purcell, 238 Abby Street.
 Sheet Metal—Victor J. Cox, 2820 Tulare St.
 Concrete—M. Madsen, 247 Maple Ave.
 Roofing—C. E. McMullin Co., 1225 Broadway.
 Electric—W. T. Dice, Fowler.
 Plumbing—B. A. Newman Co., 320 N. H Street.
 All of Fresno, unless otherwise noted.

Sub-Contracts Awarded
SCHOOL Cont. Fr., \$117,900
BAKERSFIELD, Kern Co. Cal. Baker and Niles Sts. (Washington School).
 Two-story reinforced concrete school building (24 classrooms) cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish.
 Owner—Bakersfield School District.
 Architect—Symmes & Willard, Stanton Willard, architect, 215 Haberfeld Bldg., Bakersfield.
 Structural Engineer—Don Shugart, Los Angeles.
 Mechanical Engineer—Del Reynolds, Los Angeles.

Contractor—Opperman & Co., Box 141 Station A, Bakersfield.
 Electric Wiring—W. T. Drury, 615 19th St.
 Glass—Bakersfield Glass Co., 1906 19th St.
 Heating—W. M. Fisher, 2906 Chester Avenue.
 Mill Work—Hollenbeck Bush Planing Mill Co., P. O. Box 605, Fresno.
 Painting—Beckham & Foster, 2420 G Street.
 Plastering—Chas. D. Conklin, 120 Pacific Street.
 Plumbing—W. W. Smetzer, 2728 Chester Ave.
 Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
 Roofing—H. Evans Pioneer Shingle & Roofing Co., 930 O St.
 Sheet Metal—Stange & Co., 212 H St.
 Tile—Kern County Roofing and Tile Co., 427 E 21st St.
 All of Bakersfield unless otherwise noted.

CONTRACT AWARDED
PASADENA, Los Angeles Co., Cal.—Wm. T. Loesch, 119 E. Union St., Pasadena, awarded contract by Pasadena Board of Education, at \$81,739, for construction of an addition to the physical education building at the Wilson Junior High School site. Frederick Kennedy, Jr., architect, 1041 E. Green St., Pasadena. 15

Bids Wanted—To Close March 7, 8:00 P. M.
SCHOOL BLDG. Cost, \$60,000
AUBERRY, Fresno Co., Cal. Sierra High School.
 One-story frame school building (classrooms and study hall).
 Owner—Sierra Union High School District.
 Architect—Franklin & Kump, T. W. Patterson Bldg., Fresno.

CONTRACT AWARDED
SAN FRANCISCO.—Malott & Peterson, 2412 Harrison St., at \$20.00 was awarded contract by the Department of Public Works, City Hall, for laying mastipave in kitchen off

the teachers' lunch room (5x12-ft.) at Sunnyside School, Hearst Avenue between Forrester and Edna Streets.

Complete Bids

SCHOOL BUILDINGS

CAMPBELL, Santa Clara Co., Cal.
Second unit of addition to Campbell

High School to consist of administration building, auditorium bldg. and shop bldg.; fencing, paving, and construction of six tennis courts.

Owner—Campbell Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Low Bidders—Carl N. Swenson Co., 355 Stockton Ave., San Jose; Administration bldg. \$140,847; Nielsen & Erbrant, 2015 Market St., San Jose; Auditorium, \$76,500; shop building, K. E. Parker Co., 135 South Park, San Francisco, \$8,245; Standard Fence Co., fence, \$3,524.36.

Bids were received as follows:
Proposition 3—Administration bldg. work complete; (3a) ded. for omitting linoleum and Acotile of second and first floor corridors; (3b) ded. for omitting telescopic bleachers, range and hood in gym; (3c) ded. for omitting drainage tile and dry wells for administration bldg., gym bldg., and present bldg.; (3d) ded. for omitting arcade bet. administration and present bldg.; (3e) ded. for omitting all tablet-arm chairs in science, physics and chemistry labs.; (3f) ded. for omitting linoleum in library and study hall; (3g) ded. for omitting floor in library and office; (3h) ded. for omitting entrance and steps at west entrance; (3i) ded. for white Philippine mahogany veneer in lieu of Prima Vera veneer.

Proposition 4—Auditorium building, work complete; (4a) ded. for omitting arcade bet. auditorium and administration bldg.; (4b) ded. for omitting opera chairs, choral room chairs, drapes, stage curtain and cyclorama; (4c) ded. for omitting drainage system and dry wells and providing floor wells for driveway drains; (4d) ded. for omitting cork carpet and linoleum in choral room, choral room office, practice rooms, dressing rooms and office and library in rear of stage; (4e) ded. for omitting finished floors, walls and ceiling, painting, trim, cabinets, finished plumbing and heating fixtures, lamps, electric fixtures, tile floors, Venetian blinds and interior doors in rear of stage section, providing ded. on Prop. 4d has been made; (4f) ded. for omitting finished floors, walls and ceilings, trim, interior doors (lobby doors excepted), cases, painting, lamps, and electric fixtures and Venetian blinds and radiators in choral room, choral room office and choral practice room, providing deductions on Prop. 4b and 4d have been made; (4g) ded. for omitting interior wall and ceiling finish, floor, stairs to basement, doors at proscenium wall line, blowers in basement, plastering in basement, steps to stage, lamps, electric fixtures and windlasses from auditorium and stage, providing deduction on Prop. 4b has been made; (4h) ded. for omitting the section at rear of stage, providing deductions on Prop. 4b, 4d and 4e have been made; (4i) ded. for omitting choral room, boys' and girls' toilets, practice room and office, providing deductions on Prop. 4b, 4d and 4f have been made.

Proposition 5—Shop building, work complete.

Proposition 6—Sidewalks.

Proposition 7—Unit prices.

Complete bids follow:

Carl N. Swenson Co., San Jose—(3) \$140,847, (3a) \$690, (3b) \$3900, (3c) \$1100, (3d) \$2500, (3e) \$507, (3f) \$473, (3g) \$1571, (3h) \$385, (3i) \$227, (4) \$80,554, (4a) \$2800, (4b) \$6500, (4c) \$400, (4d) \$258, (4e) \$5195, (4f) \$1800, (4g) \$10,424, (4h) \$3930, (4i) \$3755, (5) \$8700, (7) \$0.85.

N. H. Sjoberg & Son, Oakland—(3) \$148,182, (3a) \$620 (3b) \$4,451, (3c) \$10,069, (3d) \$2179, (3e) \$514, (3f) \$483, (3g) \$1591, (3h) \$139, (3i) \$430, (4) \$86,276, (4a) \$2179, (4b) \$6597, (4c) \$383, (4d) \$250, (4e) \$1892, (4f) \$1610, (4g) \$6946, (4h) \$5000, (4i) \$4651, (5) \$5351, (6) \$6396, (7) \$110.

Nielsen & Erbrant, San Jose—(3) \$146,400, (3a) \$590, (3b) \$4300, (3c) \$1100, (3d) \$3000, (3e) \$510, (3f) \$435, (3g) \$1580, (3h) \$350, (3i) \$225, (4) \$76,500, (4a) \$2800, (4b) \$6533, (4c) \$345, (4d) \$185, (4e) \$5100, (4f) \$1700, (4g) \$9400, (4h) \$3700, (4i) \$4000, (5) \$8300, (6) \$3600, (7) \$1.25.

W. K. Van Boldken Construction, Oakland—(3) \$149,687, (4) \$86,558, (5) \$8737.

F. C. Stolte Co., Alameda—(3) \$142,900, (3a) \$500, (3b) \$4700, (3c) \$1350, (3d) \$3400, (3e) \$550, (3f) \$400, (3g) \$1650, (3h) \$200, (3i) \$250, (4) \$85,500, (4a) \$2600, (4b) \$7000, (4c) \$400, (4d) \$250, (4e) \$4200, (4f) \$1560, (4g) \$8500, (4h) \$3100, (4i) \$3450, (5) \$8300, (6) \$3200, (7) \$1.00.

Central California Constr. Co., San Francisco—(3) \$146,532, (3a) \$700, (3b) \$4300, (3c) \$1100, (3d) \$2300, (3e) \$500, (3f) \$475, (3g) \$1570, (3h) \$400, (3i) \$220, (4) \$82,238, (4a) \$2100, (4b) \$6500, (4c) \$300, (4d) \$250, (4e) \$4000, (4f) \$1400, (4g) \$8000, (4h) \$3200, (4i) \$3000, (5) \$2520, (6) \$3600, (7) \$1.10.

B. A. Howkins & Co., San Francisco—(3) \$147,000, (3a) \$850, (3b) \$4500, (3c) \$256, (3d) \$2000, (3e) \$520, (3f) \$380, (3g) \$1450, (3h) \$225, (3i) \$220, (4) \$84,000, (4a) \$2000, (4b) \$6,500, (4d) \$300, (4e) \$400, (4f) \$3200, (4g) \$3000, (4h) \$3000, (4i) \$2500, (5) \$8900, (7) \$1.15.

K. E. Parker Co., San Francisco—(3) \$148,234, (3a) \$650, (3b) \$4500, (3c) \$1200, (3d) \$2700, (3e) \$550, (3f) \$600, (3g) \$1625, (3h) \$250, (3i) \$250, (4) \$86,442, (4a) \$2700, (4b) \$6300, (4c) \$150, (4d) \$275, (4e) \$3700, (4f) \$1500, (4g) \$450, (4h) \$3500, (4i) \$4600, (5) \$8245.

Complete bids submitted on Prop. 2 (fencing) follow:

Standard Fence Co., 440 Bayshore Blvd., San Francisco—\$3,524.36.

Anchor Post Fence Co., San Francisco—\$3,571.

Wickwire-Spencer, San Francisco—\$3,759.

California Wire Cloth Co., San Francisco—\$4,750.

(805) 1st report Oct. 15, 1937; 11th, Feb. 23, 1938.

BIDS OPENED

SAN FRANCISCO, Cal.—Standard Fence Co., 440 Bayshore Blvd., at \$600, submitted low bid to the Department of Public Works, Room 251, City Hall, for furnishing and installing window guards at Fairmount School, Chenery Street, between Randall and 30th Streets.

Complete bids follow:
Standard Fence Co. \$600.00
Anchor Post Fence Co. 804.00
S. F. Wire & Iron Co. 857.40
Michel & Pfeffer 995.00
Standard Iron Works 1094.00
West Coast Wire & Iron Wks. 1095.00

1C—BANKS, STORES AND OFFICES

BIDS WANTED

SAN PEDRO, Los Angeles County, Cal.—Until March 2, 3 p.m. (postponed from Feb. 25), bids will be received by S. H. Kress & Co., 114

Fifth Ave., New York City, for a 2-story and basement, Class A steel and concrete department store bldg. (100 x 75 feet), to be built on the NE corner of 7th St. and Pacific Ave., San Pedro, for the company, Plans by Architect Edw. F. Silbert, 114 Fifth Ave., New York City. * 16

PLANS BEING FIGURED

LOS ANGELES, Calif.—Until March 1, Architect Claude Beelman, 1019 Union Bank Bldg., is taking bids from a closed, selected list of contractors for modernizing the exterior and interior of the Philharmonic Auditorium Bldg., an 8-story, class A auditorium and office structure at the northeast corner of Fifth and Olive Streets. * 16

Bids Opened MEDICO-DENTAL BLDG.

Cost, \$.....
SEBASTOPOL, Sonoma Co., Cal.—One-story frame medico-dental bldg., composition roof, some steel and wood sash, gas furnace, linoleum floors, etc.

Owner—Dr. Chester Marsh, c/o Architect.

Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—Sam Swindler, 912 Petaluma Ave., Sebastopol—\$6,350.

Total bids follow:

Sam Swindler, Sebastopol.....\$6350.00
Harvey H. Chinnoch.....
Sebtopol.....\$6486.30
D. D. Downie, Sebastopol.....6994.00
Carl W. Shatto, Sebastopol.....7112.00
R. S. Knight, Santa Rosa.....7777.00
(8944) 1st report Jan. 10; 2nd, Feb.

Contract Awarded
ALTERATIONS Cost, \$10,000

SAN FRANCISCO, 45 Grant Ave.

Alterations to store.

Owner—Angelo J. Rossi, 134 Kearny St.

Architect—Miller & Pflueger, 580 Market St.

Contractor—S. Rasori, 614 Call Bldg.

Sub Contracts Awarded
STORE Cost, \$6,400

BERKELEY, Cal. 3167 College Ave.

One-story, 3-room store bldg.

Owner—J. Goldsmith, San Francisco.

Architect—Not Given.

Contractor—W. C. Cone, 608 16th St., Oakland.

Roofing—Western Roofing Co., Inc., 1259 22nd St.

Electric Wiring—California Electric Co., Ltd., 1125 Oak St.

Sheet Metal—East Bay Sheet Metal Works, 1101 Market St.

Glass—W. P. Fuller & Co., 259 10th St.

Brick—Knudsen & Devillers, 3724 Balfour Ave.

Grading—J. Henry Harris, 2425 Valley St., Berkeley.

Lathing & Plastering—John E. Casey, 2706 Logan St.

All of Oakland unless otherwise noted. * 16

BIDS WANTED

SAN BERNARDINO, Calif.—Until March 3, 12 Noon, bids will be received by Daniel E. McGuire, Argonaut Realty Division, General Motors Corp., 310 General Motors Research Bldg., Detroit, Mich., for the construction of a one-story steel and concrete office, laboratory and garage building, also a gasoline shed in San Bernardino, for the Ethyl Gasoline Corp. Following work is not included in general contract: Venetian blinds, floor covering, oil burners, and vent. ducts, fans and hoods. * 16

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO. NE Pine St. and Van Ness Ave.
 Alter car washing building.
 Owner—Pacific Gillespie System, Inc.
 79 New Montgomery Street.
 Architect—Not Given.
 Contractor—Barrett & Hilp, 918 Harrison Street.

Additional Sub-Contracts Awarded
REMODEL BLDG. Cost, \$200,000
SAN FRANCISCO. Third and Market Streets.

Present Hearst Building to be increased 16 feet in height and entire exterior modernized; enlarge lobby, reconstruct elevator doorways.

Owner—The Hearst Estate, Inc.
 Architect—Miss Julia Morgan, Merchants Exchange Bldg.
 Contractor—K. E. Parker Co., 135 So. Park.

Miscellaneous and Ornamental Iron
 —McNeill-Steinberg Mfg. Co., 36 Clyde Street.

Marble —Vermont Marble Co., 525 Market Street.
 As previously reported; terra cotta awarded to Gladding, McBean & Co., Harrison and Ninth Streets.

Additional Sub Contracts Awarded
TELEPHONE EXCHANGE BUILDING Cost, \$.....
SAN FRANCISCO. Monterey Co., Cal. Pajaro St., bet. E. San Luis and Allisal.
 Two-story and basement steel frame and fireproof telephone exchange building, to house new central office equipment.

Owner—Pacific Telephone & Telegraph Co. (N. W. Black, local manager).

Contractor—Monson Bros., 475 Sixth St., San Francisco.
Reinforcing Steel and Brick—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.

Marble—J. E. Back Co., Inc., 1533 San Bruno Ave., San Francisco.
Finish Hardware—Palace Hardware Co., 581 Market St., San Francisco.

Sheet Metal—Anderson-Dougherty-Hargis Co., 225 Main Street, Salinas.

Soft Hangers—W. J. Burke & Co., Inc., 200 Davis St., San Francisco.

Heating and Plumbing—Phillips Htg. & Plumbing, 215 Monterey St., Salinas.

Lathing and Plastering—Fatta & Rinaldi, 2247 Filbert St., Oakland.

Roofing and Insulation—Monterey County Roofing & Tile Co., 263 Main St., Salinas.

As previously reported: Metal doors and Windows, Fire Protection Products Co., 1101 16th St., San Francisco; Electric Wiring, Tice Electric Shop, 479 Alvarado St., Monterey; Iron Work, Sartorius Co., 2530 18th St., San Francisco; Terra Cotta, Gladding, McBean & Co., Harrison and Ninth Sts., San Francisco.

Contract Awarded
OFFICE BLDG. Cost, \$28,158
STOCKTON, San Joaquin Co., Calif.
 145 South American Street.

Two-story office building.
 Owner—Bank of America, 642 East Ninth St., Stockton.

Plans by Engr. Dept. of Owner.
 Contractor—Root & Bloom, 642 East Ninth St., Stockton.

Contract Awarded
ALTERATIONS Cost, \$5,000
SAN FRANCISCO. 54 Washington Street.

Alterations to store.
 Owner—American Trust Co., 464 California St.

Architect—Not Given.
 Contractor—L. A. Hinson, 756 4th Ave. 16

Bids Wanted—To Close March 15, 2:00 P. M.

PILE FOUNDATIONS Cost, \$.....
SACRAMENTO, Calif.

Erection and completion of the pile foundations for State Office Bldg. No. 3 at Sacramento; work includes excavation, cast-in-place concrete piles, and pile caps for foundation of building covering a ground area of approximately 315 x 150 feet.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bids must be accompanied by cashier's or certified check payable to the Director of Public Works, in the amount of 10% of bid.

Bid Opening Postponed Until March 1, 4:00 P. M.

ALTERATIONS AND ADDITIONS Cost, \$.....

ALAMEDA, Alameda Co., Cal. Central and Park.

Alterations and additions to building. Owner—Commercial National Bank & Central Bldg. & Loan Assn. Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.

Plans are being figured by the following selected list of contractors: F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Leslie A. Alley, 1621 Encinal Ave., Alameda.

Harold E. Schenk.
 D. W. Nicholson, 351 12th St., Oakland.

Chris Hansen, Alameda.
 Postponed from February 21.

Contract Awarded
OFFICE BLDG. Cont. Pr., \$68,777
SACRAMENTO, Calif. C Street.
 New office building.

Owner—California Almond Growers' Exchange (M. B. Ayars, Pres.).

Architect—George Sellon, California State Life Bldg., Sacramento.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

17— THEATRES

COMPLETING PLANS

SELMA, Fresno Co., Cal.—Arch. S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing plans for altering the Woodward Bldg. at 1944 High St., Selma, into a modern theater building, with a seating capacity of 400 persons, for Mrs. Helen Seiter of the Seelce Theater Co. of San Francisco; new marquee, air conditioning, sound equipment; est. cost, \$20,000. Bids will be taken next week. * 17

18— WHARVES & DOCKS

BIDS REJECTED

RICHMOND, Contra Costa Co. Cal.—The Richmond City Council, City Manager, rejected all bids for the removal of a portion of ferry slip westerly of and adjacent to south termination of Garrard Blvd., Richmond.

Complete bids follow:
 The Duncanson-Harrelson Co., San Francisco: \$4850; Alt. A. \$5575.00.
 Be. C. Garwick, Inc., San Francisco: \$4927; Alt. A. \$5700.
 A. W. Kitchen & Co., San Francisco: \$6500; Alt. A. \$6750.

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Geo. M. Robinson & Co., 451 Folsom St., San Francisco, at \$23,340, was awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for a sprinkler system to be installed under the deck of the Ninth Avenue pier extension.

19—MISC. CONSTRUCTION

BIDS OPENED

COOLIDGE, Pinal Co., Ariz.—Taylor Const. Co., Holbrook, Ariz., at \$1790.00 submitted low bid to the U. S. Department of Agriculture, Farm Security Administration, 227 Wells Fargo Building, San Francisco, for furnishing labor, materials and equipment for the erection of a Secondary Electrical distribution system at the Casa Grande Valley Farms Project, Pinal County.

Total bids follow:
 Taylor Const. Co., Holbrook.....\$1790
 Russel Electric Co., Tucson..... 3245
 Gregory Electric Co., Tucson..... 3591
 New State Electric Co., Phoenix..... 4421
 J. W. White, Casa Grande..... 5554
 Arizona Concrete, Phoenix..... 6937
 19

BIDS OPENED

SAN FRANCISCO—Berkeley Steel Const. Co., Inc., Second and Camelia Sts., Berkeley, at \$42,160 submitted low bid to the U. S. Engineer Office, Division Engineer, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 98-33-93, for constructing and delivering aloft, two 78-ft. 0-in. by 26-ft. 0-in. by 7-ft. 0-in. welded steel dump scows, each composed of four pontoons, to San Francisco waterfront.

Total bids follow:
 Berkeley Steel Const. Co., Second & Camelia Sts., Berkeley, \$42,160.
 Pacific Coast Engr. Co., Inc., Oakland, \$56,870.00.
 Moore Dry Dock Co., Oakland, \$62,900.00.

General Engr. & Dry Dock Co., San Francisco, \$98,929.00.

Bethlehem Shipbuilding Corp., Ltd., San Francisco, \$105,000.00.
 19

Preparing Working Drawings

SWIMMING POOL Cost, \$30,000
HANFORD, Kings Co., Calif.
 Municipal swimming pool of reinforced concrete construction (50x 110 feet), lockers and dressing rooms, showers, flood lights.

Owner—City of Hanford.
 Architect—David H. Horn, Rowell Bldg., Fresno.

WPA grant approved.

CONTRACTS AWARDED

EL CENTRO, Imperial Co., Cal.—Contracts for the construction of about 112 miles of 33,000-volt transmission lines to connect the All-American Canal hydro-electric plant with the Diesel plant at Brawley, awarded by the Imperial Irrigation District, El Centro, were as follows:
 Williams Bros. & Haas, 1104 Merchants Exchange Bldg., San Francisco, and Subway Terminal Bldg., Los Angeles, construction, at \$37,303.62.

Aluminum Co. of America, aluminum conductor, 550,000 lbs. at \$95,646.25.

B. J. Carney & Co., Spokane, Wash., 2000 poles at \$28,237.71.

Electric Wholesale Mart, Los Angeles, insulators at \$16,614.94. * 19

CONTRACT AWARDED

SAN FRANCISCO—Pacific Coast Engrg. Co., Maritime and Wharf,

Oakland, at \$56,870, was awarded contract by the U. S. Engineer Office, Division Engineer, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-93, for constructing and delivering afloat, two 78-ft. 0-in. by 28-ft. 0-in. by 7-ft. 0-in. welded steel dump scows, each composed of four pontoons, to San Francisco waterfront. • 19

CONTRACT AWARDED

PASADENA, Los Angeles Co., Cal.—York Ice Machinery Corp., 5081 Santa Fe Ave., Los Angeles, awarded contract at \$75,800 for furnishing and installing an air conditioning system in the Pacific Southwest Bldg., 234 E. Colorado St., Pasadena, for the Pacific Southwest Realty Co. E. L. Ellingwood, 124 W. 4th St., Los Angeles, is the mechanical engineer. • 19

CONTRACT AWARDED

WILMINGTON, Los Angeles Co., Cal.—Stratford Engineering Corp., 1414 Diercks Bldg., Kansas City, Mo., awarded contract at approximately \$222,000 for the construction of a Stracold treating plant at 2104 E. N St., Wilmington, for the Texas Co., 929 S. Broadway, Los Angeles. Project will consist of refining equipment and a structural steel building. • 19

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Calif.—Hill & Morton, Inc., foot of Dennison St., Oakland, at \$1539.56, submitted low bid and was awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 64,000 fd. bd. measure 12 by 12 and 4 by 12 lumber.

Complete bids follow:

Hill & Morton, Oakland.....	\$1539.56
Smith Lumber Company.....	1574.47
Piedmont Lumber & Mill Co.....	1578.00
Bay City Lumber Co.....	1588.71
E. K. Wood Lumber Co.....	1604.57
Oakland Lumber Co.....	1605.81
Melrose Lumber & Supply Co.....	1704.94

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1036-D, for furnishing and delivering structural steel for one bus structure for the Metropolitan Water District switching station at the Boulder switchyard, Boulder Canyon Project, for shipping point and/or Boulder City, Nev. The structure will be erected by the Government:

Midwest Steel & Iron Works Co., Denver, \$15,500, wt. 255,000; fob Boulder City; \$14,940, wt. 255,000; fob Denver; ½ %.

Worden-Allen Co., Milwaukee, \$13,962, wt. 257,000; net; fob Milwaukee.

Bethlehem Steel Co., San Francisco, \$14,886, wt. 246,000; net; fob Boulder City.

International Derrick and Equipment Co. of Calif., Torrance, \$16,075; wt. 254,917; ½ %; fob Torrance.

Blaw-Knox Co., Pittsburgh, Pa., \$18,600, wt. 266,000; net; fob Blawnox, Pa.

American Bridge Co., Denver, \$10,550, wt. 211,000; net; fob Pittsburgh, Pa. • 20

BIDS WANTED

GLENDALE, Los Angeles Co., Cal.—Until March 1, 10 a. m., bids will be received by the Glendale City Council for furnishing 780 feet of 30-inch Hume centrifugal reinforced concrete pipe, with 4½-inch walls

reinforced with two circular cages with an area of 0.2 sq. in. per foot for each cage. Spec. No. 1504 may be obtained at the office of F. Dietrich, Plant Supt. Certified check for 10% must accompany each proposal. G. E. Chapman, City Clerk. • 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until March 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1043-D, for furnishing and delivering structural steel for transmission for Southern California Edison Company transformer circuit No. 8 in Boulder switchyard, Boulder Canyon Project, Ariz.-Calif.-Nev. Structures will be erected by the Government; fob shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office. • 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until March 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1042-D, for furnishing and delivering structural steel for two rim towers for Southern California Edison Company transformer circuits in the Boulder switchyard, Boulder Canyon Project, Ariz.-Calif.-Nev. Structures will be erected by the Government; fob shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office. • 20

BIDS WANTED

APACHE COUNTY, Arizona.—Until March 10, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 105 tons of Type RC-4 liquid asphaltic road material for use on Section C of Route 1, Petrified Forest National Monument, Apache County, Arizona.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, Ariz. • 20

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1031-D, for furnishing and delivering steel structures for the Metropolitan Water District and Southern California Edison Co. transformer circuits and switching station at the Boulder switchyard, Boulder Canyon Project, Ariz.-Calif.-Nev. The structures will be erected by the Government, fob shipping point and/or Boulder City, Nev.

Total bids follow:
Midwest Steel & Iron Works Co., Denver, Colo.—\$8159, wt. 95,600; ½ %; fob Boulder City, Nev.

Worden-Allen Co., Milwaukee, Wis.—\$6292, wt. 94,300; net; fob Milwaukee.

Jos. T. Ryerson & Son, Inc., Chicago, Ill.—\$6900, wt. 94,500; net; fob Chicago.

John W. Beam, Denver, Colo.—\$9,975, wt. 102,000; ½ %; fob. Los Angeles.

Bethlehem Steel Co., Bethlehem, Pa.—\$7200, wt., 90,500; net; fob. Lettsdale, Pa.

American Bridge Co., Denver, Col.—\$5654, wt. 82,980; net; fob. Pittsburgh.

Lehigh Structural Steel Co., New York—\$6625, wt. 96,000; net; fob. Allentown.

International Derrick & Equipment

Co. of Calif., Torrance, Calif.—\$6696, wt. 97,745; ½ %; fob. Torrance.
Mississippi Valley Structural Steel Co., Melrose Park, Ill.—\$8420, wt. 86,700; net; fob. Cicero.

Blaw-Knox Co., Pittsburgh, Pa.—\$9014, wt. 92,750; net; fob. Blawnox, Pa.

Wisconsin Bridge & Iron Co., Milwaukee—\$7138, wt. 86,900; net; fob. Milwaukee.

Emaco Derrick & Equipment Co., Los Angeles—\$6462, wt. 91,250; net; fob. Los Angeles. • 20

BIDS OPENED

OROVILLE, Butte County, Cal.—Vaughn & Sons, Oroville, at \$763.20 delivered, submitted low bid to the Oroville City Council, City Clerk, Oroville, for furnishing 3000 barrels of cement.

Calaveras Cement Co., Diamond Match Co., Cowell Lime & Cement Co. and Sterling Lumber Co., submitted identical bids at \$343.00, delivered. • 20

BIDS WANTED

OAKLAND, Cal.—Until March 2, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-211, for furnishing six 30-inch gate valves and one 36-inch gate valve.

Plans and specifications may be obtained from the above office. • 20

BIDS OPENED

SAN FRANCISCO, Cal.—Fair Mfg. Co., 617 Bryant St., San Francisco, at \$173.95, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-93, for furnishing steel grilles and angle mounts for Battery Davis, Fort Funston.

Total bid follow:

Fair Mfg. Co., 617 Bryant St., San Francisco—\$173.95.

Star Ornamental Iron Works, San Francisco—\$180.07.

Schraeder Iron Works, Inc., San Francisco—\$234.

Herrick Iron Works, Oakland—\$242.40.

Patterson & Koster Iron Works, San Francisco—\$26.

Salvage Mfg. Co., Alhambra—\$277.50.

Ferry Sheet Metal Works, Inc., San Francisco—\$293.

West Coast Wire & Iron Works, San Francisco—\$330.59.

Boiler Tank & Pipe Co., Oakland—\$345. • 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Judson-Pacific Co., 609 Mission St., San Francisco, at \$147, ¼ of 1% 10 days fob. San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5442, for furnishing one 60-ft. plate girder span, including all structural steel, bolts for field connections, bolts for superstructures, and all miscellaneous steel necessary for the erection of the span; fob. Middle Fork of North Fork Yuba River Bridge, Auburn. • 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—E. K. Wood Lumber Co., 1 Drumm St., San Francisco, at \$160.49, 2% 30 days, fob. Cottage Grove, Oregon, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5438, for furnishing structural Douglas fir lumber for Second Divide Bridge; fob. Auburn. • 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Essove, (Irregular Proj.) | 31.—Pipe Lines and Wells |
| 23.—St. Light, Systems | 32.—Sewers & Sewage Disposal Plants |
| 24.—Machinery and Equipment | 33.—Water Works |
| 25.—Railroads | 34.—Parks & Playgrounds |
| 26.—Fire Alarm Sys. | 35.—Tunnels |
| 27.—Streets & Highways | |

21— BRIDGES

February 18, 1938

CONTRACT AWARDED

KLAMATH FALLS, Klamath Co., Ore.—W. D. Miller, Klamath Falls, at \$9333.20 was awarded contract by the City of Klamath Falls, E. A. Thomas, Engineer, for the construction of the Esplanade Bridge with 50-ft. roadway, 80-ft. long, 5-ft. walks all concrete, canal change.

Total bids follow:

W. D. Miller, Klamath Falls.....	\$9333.00
Denton & Young.....	9325.00
Mountain States.....	9805.00
C. A. Dunn.....	10,040.00
G. I. Stebbins.....	10,614.50
M. W. Cherry.....	10,930.00
E. Gray.....	11,194.00

21

CONTRACT AWARDED

KALMATH FALLS, Klamath Co., Ore.—C. A. Dunn, Klamath Falls, at \$5666.00 submitted low bid and was awarded contract by the City of Klamath Falls, E. A. Thomas, Engineer, for the construction of Washington Street Bridge, with 30-foot roadway, 5-ft. walks, 100-ft. long, timber deck, asphalt roadway, timber stringers, concrete footings, columns and beams and sidewalks, knotty pine hand rail.

Total bids follow:

C. A. Dunn, Klamath Falls.....	\$5666.00
Mountain States.....	5790.00
Nell Peart.....	6107.00
Denton & Young.....	6234.00
M. W. Cherry.....	6850.00
E. Gray.....	7109.00
G. I. Stebbins.....	7209.00

21

CONTRACT AWARDED

KLAMATH FALLS, Klamath Co., Ore.—C. A. Dunn, Klamath Falls, at \$5326.20 submitted low bid and was awarded contract by the City of Klamath Falls, E. A. Thomas, Engineer, for the construction of Main Street Bridge with 26-ft. roadway, 5-ft. walk, 92-ft. long, timber hand rail, deck and stringers, asphalt surface, concrete walk, footings, beams and columns.

Total bids follow:

C. A. Dunn, Klamath Falls.....	\$5326.20
Mountain States.....	5492.50
Denton & Young.....	5495.00
E. Gray.....	6588.90
M. W. Cherry.....	6915.32
G. I. Stebbins.....	7216.00

21

CONTRACT AWARDED

ORANGE CO., Cal.—Werner and Webb, 7422 Santa Monica Blvd., Los Angeles, at \$23,211 was awarded the contract by the State Division of Highways, Sacramento, for repairing

a bridge across Santa Ana River about one mile north of Olive and approximately twelve hundredths mile grading and surfacing with plant-mixed surfacing the approach roadway in Orange County. • 21

CONTRACT AWARDED

SANTA CLARA CO., Cal.—C. W. Calenti & Co., P. O. Box 243, San Rafael, at \$36,031 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for the construction of a reinforced concrete overhead structure over Madrone Drive about five miles south of Los Gatos, consisting of one 43-ft. 1-in. span, one 50-ft. 0-in. span, and one 41-ft. 1-in. span on reinforced conc. bents and abutments, Santa Clara County.

CONTRACT AWARDED

PLACER COUNTY, Calif.—Harold A. Best, Lincoln, at \$5828.40 submitted low bid and was awarded contract by the Placer County Board of Supervisors, A. S. Fleming, Clerk, Court House, Auburn, for the construction of a bridge on Road No. 35 over Doty's Ravine about two and one-half miles north of the City of Lincoln, consisting of a 76-foot steel span on concrete and steel pile abutment walls, Placer County.

Complete bids follow:

Harold A. Best, Lincoln.....	\$5828.40
P. F. Bender, North Sacto.....	6500.00
Frank Legg, San Francisco.....	6993.40

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

LOS ANGELES, Cal.—Until March 8, 2 p.m., bids will be received by Los Angeles County Supervisors for drilling of the float well for the water level recorder at San Gabriel Dam No. 1 in San Gabriel River Canyon, about 8 ml. by road from Azusa. Work consists of drilling and casing a vertical hole connecting a natural ground surface and the butterfly valve chamber of the outlet works. The depth of the hole will be approximately 305 ft. of average diameter of 12 inches to admit 10%-in. O. D casing. C. H. Howell, 751 S. Figueroa St., chief engineer. • 22

BIDS WANTED

OAKLAND, Cal.—Until March 7, 4:30 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for 8200 cu. yds. of clamshell dredging at Smith Lumber Company's wharf, Inner Harbor, Oakland.

Plans and specifications may be obtained from the above office.

Capital City
Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento : California

BIDS OPENED

SACRAMENTO, Calif.—Olympian Dredging Co., 249 1st St., San Francisco, at \$26.50 (Schedule 1), \$26.50 (Schedule 2), and \$1070 (Schedule 3), submitted only bid to the U. S. Engineer Office, Room 208, Post Office Building, Sacramento, under Circ. Prop. No. 1105-38-203, for furnishing and operating clamshell dredging plant and doing dredging in Suisun Bay and in the Sacramento and San Joaquin Rivers and tributary channels, California.

Bids taken on:
Sch. 1—Price per hour for the time dredge is actually dredging or excavating and depositing material;

Sch. 2—Price per hour for the time dredge is held idle on the work.

Sch. 3—Mobilization and demobilization of dredge for each separate job. • 22

23— CANALS

CONTRACT AWARDED

COLUMBIA CO., Oregon.—Harold Blake, 400 N. Thompson, Portland, at \$28,034, awarded contract by the U. S. Engineer Office, 628 Pittcock Bldg., Portland, Ore., under Bid No. 698-38-302, for performing all work for the diversion of Tank Creek in Beaver Drainage District, requiring the construction of the diversion canal and its appurtenant levees, construction of a wood stave tide box, a concrete spillway, a 42-inch siphon, a 48-inch culvert through the highway, and the excavation of a lateral drainage ditch, Columbia Co., Oregon. • 23

BIDS OPENED

SAN FRANCISCO.—The Fay Improvement Co., 760 Market St., San Francisco, at \$494, submitted low bid to the Department of Public Works, Room 251, City Hall, for the construction of a main sewer in Webster Street, from Duboce Avenue to a point 100 feet northerly, San Francisco. Estimated cost, \$615.

Total bids follow:

The Fay Improvement Co., 760 Market St., S. F.....	\$494
Chas. L. Harney.....	496
Eaton & Smith.....	567
E. J. Treacy.....	584
M. J. Lynch.....	596
Sibley Grading & Teaming Co., Ltd.....	597
Martin Murphy, Albany.....	631
C. B. Panacci.....	1306

CONTRACT AWARDED

OWYHEE PROJECT, Ore.—Ida.—Henry L. Horn, Caldwell, Idaho, at \$23,315.70, awarded contract by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1015-D, for the construction of structures, South Canal laterals, S.C. 13.8 to 23.3 and sub-laterals, Succor Creek division, Owyhee Project, Oregon-Idaho. • 23

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Ida.—George B. Henly Constr. Co., Ontario, Ore., at \$16,025, awarded contract by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 1014-D, for the construction of earthwork, South Canal laterals, S.C. 0.1 to 5.7 and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho. • 23

BIDS WANTED

RIVERSIDE CO., Cal.—Until Mar. 15, 10 a.m., bids will be received by the Metropolitan Water District, 306

West Third St., Los Angeles, for the construction of headworks for the distribution system between Station 26 plus 09.66 and Station 31 plus 15.50 of the Upper Distributing Feeder, in accordance with Spec. No. 272. The work is located in Riverside County, about 10 miles southwest from the City of Riverside, near Cajalco Dam.

The work involves:

- (1) 110,000 c.y. excav.;
- (2) 7000 c.y. backfill;
- (3) 10,000 c.y. embankment;
- (4) 2600 c.y. concr. in struc. and cast in place pipe;
- (5) 1600 c.y. concn. in forebay pavement;

- (6) 1,000,000 lbs. placing reinf. steel;
- (7) 85,000 cu. y. furnish and install plate steel manifold;
- (8) 2,500 sq. ft. gunitite lining of manifold;
- (9) 80,000 lbs. installing misc. metal work;
- (10) 2000 ton-miles hauling steel;
- (11) 6000 ton-miles hauling cement;
- (12) 1800 lin. ft. furnishing and installing fence.

Each bid must be accompanied by a certified or cashier's check for an amount not less than 10% of the total bid.

Specifications will not be ready until 10 a.m., Feb. 23, at which time copies may be obtained at the office of the engineer, room 1007, upon payment of \$5 per set, not returnable. However, the chief engineer has arranged that bidders may inspect a set of the drawings at any time at room 1007.

F. E. Weymouth, General Manager and Chief Engineer. * 23

25—MACHINERY AND EQUIPMENT

BIDS WANTED

EUREKA, Humboldt Co., Calif.— Until March 1, 11 A. M., bids will be received by the Department of Public Works, Division of Highways J. H. Vickrey, District Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of 300 hours of one 1500-gallon insulated tank truck, for use in Mendocino, Lake and Humboldt counties.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

LOS ANGELES, Cal.—The following submitted bids to the U. S. Engineer, Los Angeles, for rental of pile hammers, boilers and pumps for use in driving piling in Los Angeles County Drainage Area, Clrc. Prop. 295. The items are:

- (1) rental of one pile hammer, for 3 months;
- (2) do.;
- (3) do.;
- (4) rental of 60-hp. boiler;
- (5) do.;
- (6) rental of jetting pump;
- (7) do.

The bids are:

Clyde W. Wood—(1) \$175 month.
Oil Field Constr., Long Beach—(4) \$170 mo., (5) \$170 mo., 1% 10 da.

P. B. Hackley Equip. Co.—\$3610 for purchase of 3 hammers.

Garlinghouse Bros.—(1) \$175 mo., 2% 20 da. * 25

BIDS OPENED

BOULDER CANYON PROJECT— Boulder Electric Co., Schenectady, N. Y., at \$10,090, wt. 13,550, fob Boulder City, Nevada, submitted only bid to the Bureau of Reclamation, Denver, under Spec. No. 1027-D, for furnishing and delivering carrier-current telephone apparatus for the Boulder power plant, Boulder Canyon Proj.

BIDS WANTED

BOULDER CANYON PROJECT.— Until March 1, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1041-D, for furnishing and delivering structural-steel structures for Group A of the Metropolitan Water District transformer circuits in the Boulder switchyard, Boulder Canyon Project, Arizona-California-Nevada. Structures will be erected by the Government; f.o.b. shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

GRAND COULEE DAM, Wash.— Until March 16, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 777, for furnishing and delivering trashrack metalwork for ten outlet-works trashrack structures, 18 main-unit-penstock trashrack structures, and three station-service-penstock trashrack structures at the Grand Coulee Dam, Columbia Basin Project, Wash. All trashrack metalwork will be installed by the Government; f.o.b. cars at shipping point and/or Odair, Wash.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN BERNARDINO and Riverside Cos., Cal.—Bids for rental of two to four pneumatic tired dump trucks (not less than 5 c.y. capacity each) and one 1½-cu. power shovel, for use in San Bernardino and Riverside counties opened by the State Highway Department, San Bernardino, were:

- The items were:
- (1) transportation for each truck to and from job location (flat price, round trip);
 - (2) operating rate per hour per truck, under power loading;
 - (3) operating rate per hour per truck under hand loading;
 - (4) stand-by rate per hour per truck
 - (5) transportation of shovel to and from job location (flat price, round trip);
 - (6) operating rental per hr. for power shovel;
 - (7) stand-by rental per hr. for power shovel.

The bids were:

Triangle Rock & Gravel Co.: (1) no charge; (2) \$2.85; (3) \$2.35; (4) \$1.35; (5) \$1.00; (6) \$5.90; (7) no chge.
G. R. Starkenburg: (2) \$2.85; (3) \$2.35; (6) \$6.50.

R. E. Griffith: (2) \$2.85; (3) \$2.35 (4) \$1.35; (5) \$4.00; (6) \$7; (7) \$1.00.
F. D. O'Neil: (2) \$2.85; (3) \$2.35; (6) \$6.00.

G. Willis & Sons: (1) \$10; (2) \$2.85; (3) \$2.35; (4) \$1.35; (5) no charge; (6) \$5.10; (7) \$1.50.

F. Edmondson & Sons: (1) no charge; (2) \$2.85; (3) \$2.35; (4) \$1.35 (5) no charge; (6) \$5.54; (7) \$1.50.

A. C. Bussey: (1) \$5; (2) \$2.85 (3) \$2.35; (4) no charge; (5) \$4.60; (6) \$5.40; (7) no charge.

Rock & Gravel Trucking Co.: (1) \$20; (2) \$2.85; (3) \$2.60, (4) \$.75; (5) \$5.00; (6) \$10; (7) \$2.10. * 25

28—FIRE EQUIPMENT

BOND ELECTION

LOS BANOS, Merced Co.—Voters of Los Banos will pass on a bond proposal in the amount of \$8000 for the purchase of a new fire engine and one in the amount of \$2000 for purchase of two trucks for street work. The bond election will be held at the same time as the regular municipal election April 12. * 28

29—STREETS AND HIGHWAYS

BIDS WANTED

CLARK CO., Nev.—Until March 15, 2 p.m., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing a bituminous treated surfacing (Class B) on 9.366 miles, Section A of Route 1, Overton-Lake Mead, the Boulder Dam Recreational Area, Clark County, Nevada.

Work involves:

- (1) 192,000 c.y. uncl. excav.;
- (2) 2,330 c.y. uncl. excav. for structures;
- (3) 13,100 c.y. uncl. excav. for borrow;

- (4) 219,000 sta. yds. overhaul;
- (5) 10,000 c.y. mi. borrow haul;
- (6) 6,000 M. gals. watering;
- (7) 35,000 tons crusher run top course for base;

- (8) 190 tons slow curing asphalt (Type S.C.-2), for prime coat;
- (9) 13,500 tons class B dense plant mixture (grading A);
- (10) 100 tons Class B cover aggregate;

- (11) 660 tons bituminous material (Type S.C.-4), for Class B-2;
- (12) 130 tons emulsified asphalt for Class B-2 seal;

- (13) 448 c.y. Class A cement stone masonry;
- (14) 95 c.y. Class B cement stone masonry;

- (15) 2,982 lin. ft. corrugated galv. sheet metal pipe;

- (16) 3610 lin. ft. bituminous coated corrugated sheet metal pipe;

- (17) 9 each spillway inlets, Type A;
- (18) 458 lin. ft. vitrified clay pipe;
- (19) 352 cu. yds. hand laid riprap;
- (20) 6 each, drop inlets, 18-in.;
- (21) 482 sq. yds. grouted rubble gutter;

- (22) 14 each, right-of-way monuments;
- (23) 621 lin. ft. remove, clean and relay or stockpile existing CMP;
- (24) 18 each, guide posts.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

BIDS OPENED

LOS ANGELES, Cal.—Bids for asphalt pavement of wharf docks, shed floors and roadways including 8000 tons asphaltic concrete base pavement, 3000 tons asphaltic concrete wearing surface No. 2, and 300 tons shed asphalt wearing surface, Spec. 973, opened by Los Angeles Harbor Department, were:

Sully-Miller Contr. Co.—(1) 3000 tons, \$3.20; total, \$7600; (2) 3000 tons, \$3.30; total, \$9900; (3) 2000 tons, \$3.50; total, \$10,500.

Anso Constr. Co.—(1) \$3.32, \$9960; (2) \$3.25, \$10,920; (3) \$3.59, \$11,770.

Griffith Co.—(1) \$3.55, \$10,650; (2) \$3.60, \$10,800; (3) \$3.60, \$1080. * 29

CONTRACT AWARDED

SONOMA, Marin and Napa Counties, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$6150 was awarded contract by the State Division of Highways, Sacramento, for applying diesel oil to roadside vegetation for about 191.2 roadside miles at various locations in Sonoma, Marin and Napa counties. * 29

BIDS WANTED

APACHE COUNTY, Arizona.—Until March 10, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for placing a bituminous treatment on 4.840 miles of Section C of Route No. 1, Petrified Forest National Monument, Apache Co.

Work involves:

- (1) 140 tons cover (Class A pavement) split method;
- (2) 105 tons applying Government-furnished cutback asphalt (Type RC-4) for Class A pavement.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00.

BIDS WANTED

HICKAM FIELD, T. H.—As previously reported, until March 16, 1:30 p.m., bids will be received at the office of the Constructing Quartermaster, Fort Mason, San Francisco; and at 11 a.m. at the Office of the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W 387-33-23, for the construction and completion of Sections "B" and "C" of the landing mat, Hickam Field, T. H. Estimated cost, \$467,542.

Complete list of items published in Daily Pacific Builder, February 14, 1938.

CONTRACT AWARDED

ALAMEDA, Contra Costa and Santa Clara Cos., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$3285 was awarded contract by the State Division of Highways, Sacramento, for applying diesel oil to roadside vegetation for 111.5 roadside miles at various locations in Alameda, Contra Costa and Santa Clara counties.

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Monterey Co., between 5 miles and 5.9 miles west of Greenfield, V-Mon-Freder Road, for which bids are to be received in San Francisco March 4, 1938.

Said representative will meet prospective bidders at job site 5.9 miles west of Greenfield on Monday, Feb. 28, 1938, at 10:30 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

CONTRACT AWARDED

CHURCHILL COUNTY, Nevada.—Doge Construction Co., Inc., Fallon, Nevada, at \$35,495.22 submitted low bid and was awarded contract by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 3.04 miles of highway from a point approximately 1/2 mile south of Fallon to a point approximately two miles southwest, Churchill County, Nevada.

Work involves:

- 1) 8.447 lf. remove fence;
- 2) 4 ea., remove timber culverts;
- 3) 1 each, remove timber bridge;
- 4) 1 ea., remove timber check gate;
- 5) 10,500 sq. yd. remove and stockpile roadmix bit. surf.;
- 6) 18,515 c.y. rdwy. excav.;
- 7) 3,020 c.y. drainage excav.;
- 8) 6,912 c.y. borrow;
- 9) 7,970 c.y. imported borrow;
- 10) 59,361 yd. sta. overhaul (yd. sta.);
- 11) 4,583 yd. mi. overhaul (yd. mi.);
- 12) 360 c.y. struc. excav.;
- 13) 425 c.y. backfill;
- 14) 3.04 miles subgrade, Type C;
- 15) 950 c.y. salvaged aggregate;
- 16) 40 M. gals. water;
- 17) 7,324 tons gravel surface;
- 18) 30 tons liquid asph. Type SC-2 seal;
- 19) 226 tons do (roadmix);
- 20) 3.04 miles roadmix;
- 21) 112 c.y. Class A concrete;
- 22) 9 c.y. Class B concrete;
- 23) 8,810 lbs. reinf. steel;

- (24) 260 sq. yds. mesh reinf.;
- (25) 102 MFMB of redwood, small structures;
- ALTERNATE A—(Redwood Culvert)
- 26) 12.3 MFMB redwood;
- ALTERNATE B—(Douglas Fir Culvert)
- (27) 11 MFMB treated Douglas fir;
- (28) 1 MFMB untreated Douglas fir;
- (29) 128 lf. 8-in. CMP (dipped);
- (30) 284 lf. 18-in. CMP (dipped);
- (31) 39 lf. 24-in. CMP (dipped);
- (32) 30 lf. 36-in. CMP (dipped);
- (33) 35 c.y. grouted hand-laid rip-rap;
- (34) 12 lf. beam type metal guard rail;

- (35) 22 ea. culvert markers;
- (36) 8,224 lf. reconstruct fence;
- (37) 33 each, monuments;
- (38) 8 ea., embankment protectors;
- (39) 5 each, move mail boxes.

Total bids follow:

- (A) Dodge Construction Co., Inc., Fallon, Ne., \$35,495.22.
- (B) J. A. Casson, Hayward, Cal., \$36,151.16.
- (C) Utah Construction Co., Ogden, Utah, \$39,456.50.
- (D) Isbell Construction Co., Reno, \$40,837.22.

Unit prices follow:

(1)	(A)	(B)	(C)	(D)
1	\$.03	\$.02	\$.02	\$.05
2	10.00	10.00	20.00	10.90
3	50.00	50.00	30.00	50.00
4	10.00	5.00	40.00	5.00
5	.04	.06	.04	.05
6	.20	.20	.23	.25
7	.20	.25	.30	.25
8	.20	.20	.28	.25
9	.50	.60	.60	.60
10	.01	.02	.01	.02
11	.15	.15	.12	.10
12	1.00	1.00	1.50	2.00
13	.75	.75	.60	.50
14	100.00	75.00	75.00	100.00
15	.75	.30	.35	.40
16	5.00	3.00	5.00	3.00
17	1.00	1.00	1.20	1.25
18	17.50	15.00	20.00	18.00
19	17.50	18.00	20.00	18.00
20	400.00	500.00	600.00	500.00
21	27.50	30.00	28.00	35.00
22	27.50	30.00	32.00	35.00
23	.08	.07	.08	.07
24	.35	.15	1.00	.20
25	120.00	150.00	120.00	125.00
26	120.00	125.00	120.00	120.00
27	.....	.....	.....	.....
28	.....	.....	.....	.....
29	1.50	1.25	1.50	1.00
30	2.50	2.25	2.00	2.25
31	3.25	3.00	3.00	3.50
32	3.50	3.50	5.50	6.50
33	17.50	7.00	14.00	10.00
34	2.50	1.25	1.50	1.50
35	3.00	3.00	3.50	4.00
36	.10	.05	.07	.10
37	3.00	3.00	3.00	4.00
38	25.00	16.00	10.00	20.00
39	5.00	3.00	10.00	3.50

CONTRACT AWARDED

EUREKA COUNTY, Nev.—Silver State Construction Co., Inc., Fallon, Nevada, at \$2,968.44 submitted low bid and was awarded contract by the Directors of the Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 4.62 miles highway from a point on State Route No. 1 approximately 5.7 miles east of Dunphy to a point approximately 0.82 mile north of Beowave, Route No. 21, Section B, Eureka County, Nevada.

Work involves:

- (1) 9 acres clearing;
- (2) 2680 lf. remove fence;
- (3) 20 lf. remove culvert pipe;
- (4) 3 each, remove culverts (timber);
- (5) 30,178 c.y. roadway excav.;
- (6) 600 c.y. drainage excav.;
- (7) 210 sta. V type ditches;

- (8) 21,330 yd. sta. overhaul (yard sta.);
- (9) 111 yd. mile overhaul (yard mile);
- (10) 655 c.y. struc. excav.;
- (11) 800 c.y. backfill;
- (12) 462 miles subgrade, Type C;
- (13) 10 M. gals. water;
- (14) 19,960 tons gravel surface;
- (15) 132 c.y. class A concrete;
- (16) 46 c.y. class B concrete;
- (17) 15,020 lbs. reinf. steel;
- (18) 244 lf. 18-in. CMP;
- (19) 550 lf. 24-in. CMP;
- (20) 102 lf. 30-in. CMP;
- (21) 70 lf. 36-in. CMP;
- (22) 20 lf. relay culvert pipe;
- (23) 2,463 lf. reconstruct fence;
- (24) 32 each, monuments.

Total bids follow:

- (A) Silver State Const. Co., Inc., Fallon, Nev., \$2,968.44.
- (B) Utah Const. Co., Ogden, Utah, \$3,349.33.
- (C) Dodge Construction, Inc., Fallon, \$2,702.97.
- (D) Isbell Construction Co., Reno, \$3,958.47.

Unit prices follow:

	(A)	(B)	(C)	(D)
1	\$20.00	\$15.00	\$20.00	\$25.00
2	.05	.02	.03	.05
3	.50	.50	1.00	1.00
4	50.00	15.00	10.00	10.00
5	.23	.24	.24	.24
6	.50	.50	.25	.24
7	5.00	3.50	5.00	5.00
8	.01	.01	.01	.02
9	.50	.20	.15	.25
10	1.00	2.00	1.50	1.50
11	1.00	.60	.75	.50
12	100.00	75.00	100.00	100.00
13	5.00	5.00	5.00	3.00
14	.40	.50	.60	.70
15	25.00	28.00	27.50	35.00
16	25.00	32.00	27.60	35.00
17	.07	.08	.08	.07
18	2.50	2.00	2.50	2.25
19	3.00	2.75	3.25	3.15
20	4.00	3.75	4.00	4.10
21	6.00	5.50	5.50	6.25
22	1.00	1.00	1.00	1.00
23	.10	.07	.10	.10
24	4.00	3.00	3.00	4.00

BIDS OPENED

SAN FRANCISCO, Calif.—Love & Haun, 4354 20th St., San Francisco, at \$1,634.30, submitted low bid to the Department of Public Works, Room 251, City Hall, under Bid No. 19117, for the construction of concrete sidewalks on all sides of North Beach Playground except on Lombard St., San Francisco. Estimated cost, \$2,030.00.

Work involves:

- (1) 13,200 sq. ft. of 2-course concrete sidewalk;
- (2) 35 lf. reset stone curb.

Total bids follow:

- (A) Love & Haun, 4354 20th St., San Francisco—\$1,634.30.
- (B) M. J. Lynch, San Francisco—\$1,666.18.

- (C) Daniel C. McCabe—\$1,667.50.
- (D) U. Peira & Son—\$1,742.10.
- (E) A. G. Raisch—\$1,985.25.
- (F) Chas. L. Harney—\$2,147.
- (G) E. J. Treacy—\$2,159.40.
- (H) DeLuca & Son, Inc.—\$2,244.04.
- (I) Chris Panacci—\$2,261.50.
- (J) M. Bertolino—\$2,398.75.
- (K) Leo Epp—\$2,599.76.

Unit prices follow:

	(A)	(B)
1	\$0.124	\$.20
2	.1249	.50
3	.125	.50
4	.128	1.50
5	.15	.50
6	.16	1.00
7	.162	.60
8	.1647	2.00
9	.17	.50
10	.18	.65
11	.1943	1.00

BIDS WANTED

SAN DIEGO COUNTY, Calif.—As previously reported, until March 17, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Building, Los Angeles, for grading and paving with Portland cement concrete and asphalt concrete about 9.7 miles on Pacific Highway, between Barnett Ave. and Miramar Road, in the City of San Diego.

Work involves:

- (1) clear and grubbing;
- (2) 6,200 M. gals. water;
- (3) 173,000 c.y. roadway excavation, without class;
- (4) 2,000 c.y. ditch and channel excavation;
- (5) 4,008,000 sta. yds. overhaul;
- (6) 4,250 c.y. struc. excav.;
- (7) 28,600 c.y. import borrow;
- (8) 535 c.y. remove concrete;
- (9) 47,800 l.f. remove existing side forms;
- (10) 106,200 sq. yds. preparing sub-grade;
- (11) 508 sta. finishing roadway;
- (12) 1,750 tons min. aggr., plant-mix surf.;
- (13) 90 tons liq. asph., MC-5 or MC-extra heavy, plant-mix surf.;
- (14) 3 tons liq. asph., MC-3, seal coat;
- (15) 880 tons liq. asph., SC-2, road-mix surf. treatment;
- (16) 104,700 sq. yds. preparing, mixing and shaping shoulders, gutter slopes and dikes;
- (17) 35,600 sq. yds. asph. paint binder;
- (18) 1,350 tons asphalt cement asph. concrete;
- (19) 14,800 tons min. aggr. asph. conc. base and leveling course;
- (20) 10,850 tons min. aggr. asph. conc., Type A surface;
- (21) 11,030 c.y. Class A portland cement concrete pavement;
- (22) 22,700 each, pave. dowels;
- (23) 1,170 c.y. class A portland cement concrete curbs;
- (24) 10 c.y. class A portland cement concrete railing;
- (25) 674 c.y. class A portland cement conc. strucs.;
- (26) 205,500 lbs. bar reinf. steel pave. and strucs.;
- (27) 19,950 each, curb anchors;
- (28) 20 l.f. 12-in. standard reinforcing concrete pipe;
- (29) 432 l.f. 18-in. standard reinf. conc. pipe;
- (30) 356 l.f. 24-in. standard reinf. conc. pipe;
- (31) 200 l.f. 30-in. standard reinf. conc. pipe;
- (32) 156 l.f. 36-in. standard reinf. conc. pipe;
- (33) 148 l.f. 48-in. standard reinf. conc. pipe;
- (34) 24 l.f. 60-in. standard reinf. conc. pipe;
- (35) 1,046 l.f. 8-in. CMP;
- (36) 226 l.f. 18-in. CMP;
- (37) 568 l.f. 24-in. CMP;
- (38) 56 each, splyw. assemblies;
- (39) 3,218 l.f. 8-in. perf. metal pipe;
- (40) 750 c.y. rock filling material;
- (41) 1,308 l.f. port circle C M cross drains;
- (42) 183 l.f. remove, clean and relay existing pipe culverts;
- (43) 960 l.f. remove, clean and salvage existing pipe culverts;
- (44) 10 each, remove and reset existing spillway assemblies;
- (45) 1,140 l.f. laminated guard railing;
- (46) 230 l.f. remove and reset existing guard railing;
- (47) 457 each, remove and reset existing guide posts;
- (48) 84 each, remove and reset existing culvert markers;
- (49) 71 each, culvert markers;
- (50) 2.4 miles, remove and reset existing property fences;

- (51) 2 sections pave. crossing devices, Type B-10;
 - (52) 500 lbs. misc. iron and steel;
 - (53) 390 lbs. bronze expansion plates;
 - (54) 1 lot misc. items of work;
 - (55) 250 l.f. temporary railing;
 - (56) 137,300 each, ice plants;
- ALTERNATE ITEMS**

- (57) 360 l.f. furnish cast in place conc. piles, type not requiring mandrel;
- (58) 18 each, driving steel shells, type not requiring mandrel; (Alternate "B")
- (59) 360 l.f. furnish cast in place concrete piles, mandrel type;
- (60) 18 each, driving steel shells, mandrel type; (Alternate "C")
- (61) 360 l.f. furnish precast concrete piles;
- (62) 18 each, driving precast conc. piles.

NOTE: A bidder is required to submit a bid on one Alternate, and may, but is not required to, submit bids on all the Alternates.

The contract will be awarded unless all bids are rejected to the lowest responsible bidder for the work as a whole, irrespective of the Alternative on which his bid is based. Item (50) previously reported incorrectly. 29

LOW BIDDER

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Calif.—Bert Hale, Pismo Beach, at \$6658.50 (\$1.93 per barrel), submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Figueroa Street, San Luis Obispo, for applying diesel oil to roadside vegetation for about 242.6 miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties, Calif.

Complete bids will be published shortly. 29

CONTRACT AWARDED

YOLO CO., Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at \$14,271.25 was awarded the contract by the State Division of Highways, Sacramento, for 3.8 miles grading, surfacing with gravel base and applying penetration oil treatment between 1.4 miles north of Bacchinis Corner and Route 88, Yolo County. 29

CONTRACT AWARDED

MERCED, Mariposa and Stanislaus Cos., Cal.—Sheldon Oil Co., Suisun, at \$2614.50 was awarded contract by the State Division of Highways, Sacramento, for applying diesel oil to roadside vegetation for about 131.4 roadside miles at various locations in Merced, Mariposa, and Stanislaus counties. The work involves 1050 barrels of diesel oil. 29

BIDS REJECTED

OREGON STATE.—The Oregon State Highway Commission, Public Service Bldg., Portland, rejected all bids for furnishing 9450 c.y. crushed rock in stockpiles, Bandon-Port Orford Section of Oregon Coast Highway, State Project. Coos and Curry Counties. Bids will be readvertised. Homer Johnson, Imperial Hotel, Portland, at \$24,210 submitted the low bid. 29

CONTRACT AWARDED

IMPERIAL COUNTY, Cal.—R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at \$26,301.25, awarded contract by the State Division of Highways, Sacramento, for applying road-mix surface treatment to 23.8 miles of existing roadbed between New River and two miles west of

Calipatria and between five miles and two miles west of Brawley, Imperial County. 29

CONTRACTS AWARDED

OREGON STATE.—Oregon State Highway Commission, Public Service Bldg., Portland, awarded following contracts for highway construction:

BAKER COUNTY: Baker-Durkee Section of Old Oregon Trail, State Project. Furnishing approximately 5000 c.y. crushed rock in stockpiles. Awarded: Rogers Const. Co., Dayton, Wash., \$9400.

Other Bidders: Babler Bros., Portland, \$14,050; Schmeer, Williams & Gentemann, Portland, \$14,750; Homer G. Johnson, Portland, \$15,250.

DOUGLAS COUNTY: Drain, Rock Production Project on Pacific and Umpqua Highways, State Project. Furnish approximately 5,800 cu. yds. crushed rock or crushed gravel in stockpiles.

Awarded: Eugene Sand and Gravel Co., Eugene, Oregon, \$11,948.

Other Bidders: Homer G. Johnson, Portland, \$13,630; Inter-City Sand & Gravel Co., Eugene, \$13,920; A. S. Wallace, Roseburg, \$14,500; Umpqua River Navigation Co., Gardner, \$14,732.

DOUGLAS COUNTY: Wilson Ranch-Steuberg Section of Umpqua Highway, State Project; 7.61 miles light oil treatment.

Awarded: Babler Bros., 2407 NW 28th, Portland, \$14,862, for tar.

Other bidders: J. C. Compton, McMinnville, \$15,320, tar; R. O. Dai and Warren Bros., Portland, \$15,568, tar; \$15,509, road oil; Warren Northwest, Inc., Portland, \$16,298, tar.

Klamath and Lake Counties: West Forest Boundary-Horse Ranch Section of Fremont Highway, State Project; 16.24 mi. light oil treatment.

Awarded: J. C. Compton, McMinnville, \$13,901.

Other Bidders: Warren Northwest Inc., Portland, \$13,786; McNutt Bros Eugene, \$14,729; Harold Blake, Portland, \$15,685; Babler Bros., Portland, \$16,410; Clifford A. Dunn, Klamath Falls, \$16,528; A. Minn, Portland, \$17,068; E. C. Gerber, Oregon City \$17,068; Diesel Oil Sales Corp., Seattle, \$20,179.

Malheur County: Juntura-Harpe Section of Central Oregon Highway State Project; 34.52 miles light oil treatment.

Awarded: J. C. Compton, McMinnville, \$23,334.

Other Bidders: Harold Blake, Portland, \$24,902; Warren Northwest, Inc. Portland, \$25,691; McNutt Brothers Eugene, \$27,850; Clifford A. Dunn Klamath Falls, \$29,150; Diesel Oil Sales Corp., Seattle, \$31,445; E. C. Gerber, Oregon City, \$31,504.

Umatilla County: Hermiston-Cold Springs Section of Hermiston Secondary Highway, Federal Aid Secondary Project No. FAS 4-A; 1.5 mi. surfacing and 6.55 mi. oiling also furnish 1,600 c.y. crushed rock in stock piles. Requires approximately 2,600 c.y. selected roadbed topping; 2,800 c.y. crushed rock, and 69,900 sq. yds. oil mat surface treatment.

Awarded: Rogers Const. Co., Dayton, Wash., \$21,342.

Other Bidders: E. C. Gerber, Oregon City, \$22,591; Babler Brothers Portland, \$23,375; Warren Northwes Inc., Portland, \$23,411; R. O. Dai and Warren Bros., Portland, \$24,889; Kern & Kibbe and New Port Const Co., Klamath Falls, \$27,466.

CONTRACT AWARDED

CALAVERAS, STANISLAUS, TUOLUMNE AND AMADOR Cos., Cal.—Sheldon Oil Co., Suisun, at \$3112.50

was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for applying diesel oil to roadside vegetation for about 175.5 roadside miles at various locations in Calaveras, Stanislaus, Tuolumne and Amador Counties. Work involves about 1250 bbls. of diesel oil. * 29

BIDS OPENED

STATE OF OREGON.—Following submitted bids to the Oregon State Highway Commission, Public Service Bldg., Portland, for highway and bridge construction, as follows:

Douglas County: Mystic Creek-Brockway Section of Coos Bay-Hoseburg Highway, State Project. Furnish approximately 6,650 cu. yds. crushed gravel in stockpiles.

Low Bidder: D. L. Ashton, Lebanon, \$11,571. Referred to engineer.

Other Bidders: Saxton, Looney & Risley, Portland, \$11,770; R. O. Dall and Warren Bros., Inc., Portland, \$11,837; A. S. Wallace, Roseburg, \$11,937; Homer G. Johnson, Portland, \$13,632.

Grant and Wheeler Counties: Service Creek-Branson Creek Section of John Day Highway, State Project; 27.77 miles light oil treatment.

Awarded: Harold Blake, 400 North Thompson, Portland, \$18,482.

Other Bidders: Warren Northwest Inc., Portland, \$18,504; McNutt Bros., Eugene, Ore., \$19,267; Babler Bros., Eugene, \$21,442; Diesel Oil Sales Co., Seattle, \$22,054; C. A. Dunn, Klamath Falls, \$22,415; R. O. Dall and Warren Bros., Portland, \$29,996; J. C. Compton, McMinnville, \$23,393; E. C. Gerber, Oregon City, \$29,181; Joplin and Eldon, Portland, \$29,969.

Harney County: Lake County Line Gap Ranch Section of Central Oregon Highway, Federal Lands Highway Project No. FLH 6-A and Federal Aid Project No. 148-D; 7.61 mi. of oil mat surface treatment.

Awarded: A. Milne, 7523 NE Broadway, Portland, \$18,902.

Other Bidders: Babler Bros., \$20,625; C. A. Dunn, \$20,657; J. C. Compton, \$21,216; E. C. Gerber, \$22,249; R. O. Dall and Warren Bros., Inc., \$22,995; Warren Northwest, Inc., \$23,388; McNutt Bros., \$23,176; Harold Blake, \$24,770.

Hood River and Wasco Counties: Hood River Rock Production Project on Columbia River and Mt. Hood Highways; State Project; furnish approximately 10,100 cu. yds. crushed rock in stockpiles.

Low Bidder: Schmeer, Williams & Gentemann, Wilcox Bldg., Portland, \$12,467. Referred to engineer.

Other Bidders: Fisher Bros., Oregon City, \$12,524; John J. Dann, Portland, \$12,977; A. C. Greenwood, Portland, \$14,140; J. S. Johns & Co., Goldendale, Wash., \$14,140; O. C. Yocum, Portland, \$14,544; H. L. Rice, Portland, \$14,544; Saxton, Looney & Risley, \$14,978; A. S. Wallace, \$15,150; Jones-Scott Co., Walla Walla, \$15,352; C. A. Dunn, \$15,393; Joplin & Eldon, \$15,559; Rogers Constr. Co., Dayton, Wash., \$15,857; R. O. Dall and Warren Bros., \$16,109; E. C. Hall, Eugene, \$17,675; Homer G. Johnson, \$17,675.

Jackson County: Eagle Point-Baker Gulch Section of Little Butte Secondary Highway; Federal Aid Secondary Project No. FAS 239-B; 3.20 miles of oil mat surface treatment.

Awarded: C. A. Dunn, Klamath Falls, \$8935.

Other Bidders: Babler Bros., \$9,122; J. C. Compton, McMinnville, \$9,528; Warren Northwest, Inc., \$10,101; Jackson County Gold Hill Rock Production Project on Pacific Highway and Sams Valley Secondary Highway; State Project; furnish ap-

proximately 7,100 cu. yds. crushed gravel in stockpiles.

Low Bidder: A. S. Wallace, Roseburg, \$8905. Referred to engineer.

Other Bidders: D. L. Ashton, Lebanon, \$10,097; R. I. Stuart & Son, Medford, \$10,820; C. A. Dunn, \$11,310; Saxton, Looney & Risley, \$11,330; Mountain States Constr. Co., Eugene, \$11,375; Homer Johnson, \$13,860.

Lane County: Hill Creek Bridge Section of Pacific Highway; Federal Aid Project No. 161 E; 0.20 mile grading and paving and construction of 75 feet of frame trestle with concrete roadway. Requires approximately 1,800 cu. yds. excavation, 2,400 cu. yds. surfacing materials, 2,500 sq. yds. concrete pavement, 75 cu. yds. class D concrete, 17,000 lbs. metal reinforcement, and 20 MFMBM creosoted lumber.

Low Bidder: Edlefsen-Weygandt Co., Portland, \$16,137.

Other Bidder: Mountain States Constr. Co., Eugene, \$16,667.

Tillamook County: Mohler-Kilchis River Section of Oregon Coast Highway, State Project. Furnish approximately 8,000 cu. yds. crushed rock or crushed gravel in stock piles.

Awarded: Mountain States Construction Co., Eugene, \$10,400.

Other Bidders: Dolan Constr. Co., Tillamook, \$12,608; O. C. Yocum, \$12,640; Saxton, Looney & Risley, \$13,312; F. C. Feldshau & Son, Tillamook, \$14,000; Joplin & Eldon, \$15,400; R. O. Dall and Warren Bros., \$15,840; D. L. Ashton, \$15,840; A. S. Wallace, Roseburg, \$16,000; Homer Johnson, \$16,400.

Tillamook County: Lake Lytle Outlet Bridge Section of Oregon Coast Highway, Federal Aid Project No. 129C. Construction of 153 feet of pile Trestle with concrete roadway. Requires approximately 1,400 l.f. creosoted piling, 28 MFMBM creosoted lumber, 120 c.y. concrete, and 27,000 lbs. metal reinforcement.

Awarded: Mountain States Constr. Co., Eugene, \$11,090.

Other Bidders: L. H. Hoffman, 715 SW Columbia, Portland, \$11,187; J. F. Johnston, Newberg, \$11,220; Leonard & Slate, Multnomah, \$11,400; Dolan Constr. Co., \$12,484; Edlefsen-Weygandt Co., \$12,765; Makela Construction Co., \$12,848; Shattuck and Neland, Couch Bldg., Portland, \$15,562; Frank Watt, Portland, \$16,937. * 29

BIDS OPENED

SAN FRANCISCO, Calif.—A. G. Faisch, 1 De Haro St., San Francisco, at \$1680, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,116, for resurfacing Minnesota St. between 18th and 19th Sts., including the crossing of Minnesota and 19th Sts. Estimated cost, \$2400.

Work involves:

- (1) 26,000 square feet 2-in. asphaltic wearing surface;
 - (2) 100 tons asphaltic concrete binder, in place;
 - (3) 800 sq. ft. reset stone block pave.
- Total bids follow:
- (A) A. G. Faisch, 1 De Haro Street, San Francisco—\$1,680.
 - (B) Eaton & Smith—\$1,758.
 - (C) The Lowrie Paving Co., Inc.—\$1,781.
 - (D) Pacific Pavements Co., Ltd.—\$1,948.
 - (E) Chas. L. Harney—\$1,956.
 - (F) The Fay Improvement Co.—\$2,121.00.

Unit prices follow:

	(1)	(2)	(3)
(A).....	\$0.046	\$3.72	\$0.14
(B).....	.053	3.00	.10
(C).....	.051	3.75	.10
(D).....	.056	4.20	.09
(E).....	.06	3.00	.12
(F).....	.059	4.75	.14

CONTRACT AWARDED

SAN BENITO CO., Calif.—N. M. Ball Sons, 852 Carmel St., Albany, at \$75,758, was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for grading, road-mix surface treatment, and applying Class B seal coat to 4.7 mi. between Palmdes and Tree Pinos, San Benito County. * 29

CONTRACT AWARDED

PINAL AND GILA COS., Ariz.—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Texas, at \$105,329.29 was awarded contract by Arizona State Highway Commission, Phoenix for highway improvement on the Superior-Miami Highway, F. A. 16, 2nd Reop. (1938) AFE 7009. The work, which begins about 3 1/2 miles north-east of Superior and extends north-easterly across Oak Flat for a distance of about 1 1/2 miles, consists of grading, draining, aggregate base course, and cutback road mix, and is to be completed on or before August 31, 1938. * 29

CONTRACT AWARDED

SOLANO, San Joaquin, Calaveras, Amador, Stanislaus, Mariposa and Tuolumne Cos., Calif.—Pacific Truck Service, Inc., 646 Park Avenue, San Jose, at \$5427.3 was awarded contract by the State Division of Highways, Sacramento, for applying diesel oil to roadside vegetation for about 280.5 roadside miles at various locations in Solano, San Joaquin, Calaveras, Amador, Stanislaus, Mariposa and Tuolumne counties. * 29

BIDS OPENED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell St., San Francisco, at \$1560 (\$0.26 per sq. ft.), submitted only bid to the Department of Public Works, Room 251, City Hall, for the construction of sidewalks on the north half of Agate Way, between Teresita Blvd. and Chavis Avenue, and other locations, San Francisco.

Work involves:

- (1) 6000 square ft. 2-course concrete sidewalk. * 29

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$20,010.20, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,100, for widening and reconstructing Market Street between Eleventh and Haight Streets, San Francisco. Estimated cost, \$22,907. * 29

BIDS WANTED

TULARE COUNTY, Calif.—As previously reported, until March 16, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on a crusher-run base and road-mix surface treatment applied to the shoulders on about 0.9 miles between Morton St. and Mulberry St., City of Porterville, Tulare Co., Cal.

- Work involves:**
- (1) clearing and grubbing right of way;
 - (2) 1,400 M. gals. water;
 - (3) 11,200 c.y. roadway excavation, without class;
 - (4) 160 c.y. ditch and channel excavation;
 - (5) 47,000 sta. yds. overhaul;
 - (6) 9,600 c.y. import borrow;
 - (7) 2,600 c.y. import surf. material;
 - (8) 650 c.y. struc. excav.;
 - (9) 46 sta. finishing roadway;
 - (10) 3,300 tons crusher run base;
 - (11) 1,775 tons min. aggregate, plant-mix surf.;
 - (12) 95 tons liq. asph., ROMC-4 or

- ROMC-5, plant-mix surf.;
 (13) 1,200 sq. yds. asphalt paint binder;
 (14) 2 tons liq. asph., SC-2, penetration treatment;
 (15) 30 tons liq. asph., SC-2, prime coat;
 (16) 130 tons liq. asph., SC-4, road-mix surf. treatment;
 (17) 15,200 sq. yds. preparing, mixing and shaping shoulders;
 (18) 525 c.y. remove concrete;
 (19) 5,900 lbs. bar reinf. steel;
 (20) 110 c.y. class A Portland cement conc. strucs.;
 (21) 42 lf. 8-in. CMP;
 (22) 54 lf. 12-in. CMP;
 (23) 154 lf. 18-in. CMP;
 (24) 60 lf. 24-in. CMP;
 (25) 68 lf. 48-in. CMP;
 (26) 4 each, spillway assemblies;
 (27) 840 lf. 26 in. x 6 1/2 in. part circle C M culvert;
 (28) 0.10 mi. existing fence moved and reset;
 (29) 15 each, culvert markers;
 (30) 10 each, guide posts;
 (31) 5 each, frames and covers for handholes;
 (32) 2 each, lampholes adjusted to grade;
 (33) 2 each, manholes adjusted to grade;
 (34) 13 each, monuments.
 C M P spillway assemblies and part circle C M will be furnished by the State.
 Item (16) previously reported incorrectly.
 Plans and specifications may be obtained from the above office. * 29

30—RESERVOIRS & DAMS

TOTAL BIDS

PROVO RIVER PROJECT, Utah.—Rohl—Connolly Co., 4351 Valley Blvd., Los Angeles, at \$2,189,096.50, submitted low bid to the U. S. Bureau of Reclamation, 336 Federal Bldg., Salt Lake City, Utah, under Spec. No. 768, for the construction of the Deer Creek Dam and railroad and highway relocation, Provo River Project, Utah.

Total bids follow:

- Rohl-Connolly Co., 4351 Valley Blvd., Los Angeles, \$2,189,096.50.
 Guy F. Atkinson Co., San Francisco, \$2,317,714.50.
 Mitty Bros. Const. Co., Los Angeles, \$2,365,076.00.
 Utah Const. Co. and Morrison and Knudsen Co., Inc., Ogden, Utah, \$2,614,655.50.
 United Const. Co., Winona, Minn., \$2,737,584.43.
 Griffith Co. & D. W. Thurston, Los Angeles, \$2,738,550.00.
 MacCarthy Improvement Co., Davenport, Iowa, \$2,748,133.00.
 Shofner, Gordon & Hinman, Los Angeles, \$2,850,637.00.
 Forcum-James Co., Dyerburg, Tenn.; Driver Co., Memphis, and Clark, Kearney and Stark, St. Louis, \$2,896,405.00.
 Foley Bros., Inc., St. Paul, Minn., and New York City, \$3,175,941.70.
 J. F. Shee Co., Inc., Los Angeles, \$3,264,861.00.
 W. E. Callahan Const. Co., Dallas, Texas, \$3,331,198.00.

A complete list of items and unit prices are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. * 30

BIDS WANTED

CLATSOP COUNTY, Ore.—Until March 9, 3 P. M., bid will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-28-416, for strengthening and rebuilding approximately 33,310 L.F. of existing levee, the construction of approxi-

RICHMOND-SUNSET SEWAGE DIGESTOR

SAN FRANCISCO.—Clinton Const. Co. of California, 923 Folsom Street, at \$70,950 and \$58,950 on Propositions A and B, submitted low bids to the Department of Public Works, Room 251, City Hall, under Spec. 19,110 for construction of primary digester for the Richmond-Sunset Sewage Treatment Plant, a PWA project.

Bids were taken on two propositions as follows: Proposition A (1) structural work; (2) digester equipment; (3) digester inside plumbing; (4) digester operating house piping and equipment; (5) outdoor piping and miscellaneous equipment; (6) heating plant equipment and piping; and (7) electrical equipment. Proposition B: the same as Proposition A with the exception of item 6 for

heating plant equipment and piping, which will be omitted.

Total bids on Proposition A and B follow:

- (A) Clinton Const. Co., San Francisco (A) \$70,950; (B) \$58,950.
 (B) M. J. Lynch, San Francisco: (A) \$77,712; (B) \$66,522.
 (C) Fred J. Early, Jr., San Francisco (A) \$77,791; (B) \$65,912.
 (D) James A. Nelson, San Francisco: (A) \$79,515; (B) \$66,265.
 (E) MacDonald & Kahn Co. Ltd., San Francisco: (A) \$82,342; (B) \$69,982.
 (F) Eaton & Smith, San Francisco: (B) \$76,474.

Complete alternate proposals on Proposition A follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$25,550	\$28,815	\$28,563	\$26,430	\$35,958	.....
(2).....	21,000	24,456	23,120	22,970	20,697	.....
(3).....	1,300	1,428	1,525	1,634	1,438	.....
(4).....	4,300	4,445	4,806	5,313	5,134	.....
(5).....	4,300	4,687	5,223	7,074	4,323	.....
(6).....	12,000	11,190	11,879	13,250	12,360	.....
(7).....	2,700	2,691	2,675	2,844	2,432	.....

Complete alternate proposals on Proposition B follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$25,350	\$28,815	\$28,563	\$26,430	\$35,958	\$35,000
(2).....	21,000	24,456	23,120	22,970	20,697	26,900
(3).....	1,300	1,428	1,525	1,634	1,438	1,570
(4).....	4,300	4,445	4,806	5,313	5,134	4,839
(5).....	4,300	4,687	5,223	7,074	4,323	5,155
(7).....	2,700	2,691	2,675	2,844	2,432	2,960

(0309) 1st report Feb. 7, 1935. * 31

mately 1,484 lf. of new levee and approximately 5,100 lf. of rock riprap revetment, all situated on Tenasillahe Island, Diking District No. 6, Clatsop County, Ore.

Work involves:

- SECTION A
 (1) 53 acres clearing and grubbing;
 (2) 53 acres stripping;
 SECTION B
 (3) 426,000 c.y. levee embankment, hydraulic suction dredge, in pl.;
 SECTION D
 (4) 3000 c.y. bank sloping;
 (5) 5150 c.y. riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

CONTRACT AWARDED

PINE RIVER PROJECT, Colo.—Martin Wunderlich Co., 219 E. High St., Jefferson City, Mo., at \$2,115,870, awarded contract by the Bureau of Reclamation, John C. Page, Commissioner, Durango, Colo., under Specification No. 705, for the construction of the Vallecito Dam, Pine River Project, Colorado. * 30

BIDS WANTED

CLATSOP CO., Ore.—Until March 11, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-418, for the construction of approximately 1,800 feet of rock riprap revetment, situated in Drainage District No. 1, and Blind Slough Diking District, Clatsop Co., Oregon.

Work involves:

- (1) 7 acres clearing and grubbing;
 (2) 2200 c.y. bank clogging;
 (3) 16,000 c.y. riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

31—PIPE LINES & WELLS

CONTRACT AWARDED

YERBA BUENA ISLAND, Calif.—Manuel Smith, 588 22nd Street, Oakland, at \$11,529.70, awarded contract

by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 144, for the construction of connecting lines to the catchbasins and down spouts on Yerba Buena Shoals. * 31

BIDS WANTED

HEALDSBURG, Sonoma Co., Cal.—Until Mar. 1, 10 a.m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5071, for drilling, casing, testing and capping of a well at Farm Security Administration, Sonoma Migratory Labor Camp, Healdsburg, Cal.

Plans and specifications may be obtained from the above office. * 31

BID & WANTED

INGLEWOOD, Los Angeles Co., Cal.—Until March 1, 7:30 p.m., bids will be received by the Inglewood city council for furnishing and laying a welded steel pipe line in Freeman Blvd., between Redondo Blvd. and Arbor Vitae St., involving:

- (1) 660 ft. 10-in. welded steel pipe;
 (2) 3188 ft. 12-in. welded steel pipe;
 (3) furnish and install two 12-inch laterals, 23 feet long, with flanged outlet ends;
 (4) furnish and install one 8-inch lateral outlet, 2 1/2 feet long, with flanged end;
 (5) furnish and install ten 6-inch lateral outlets, 2 1/2 inches long, with flanged outlet ends;
 (6) furnish and install one 10-inch x 6-inch and one 12-inch x 6-inch welded steel crosses with flanged outlets;
 (7) install in the main line, three 12-inch and one 10-inch flanged gate valves (to be furnished by the city).

Specifications may be obtained at the office of the city engineer, Arthur W. Cory. Certified or cashier's check or bond, 10%. Otto H. Duelke, city clerk. * 31

COCHISE COUNTY, ARIZ.—Highway Improvement—(State)

COCHISE CO., Ariz.—Tanner Construction Co., 801 Security Building, Phoenix, at \$75,285.77, submitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of Ft. Huachuca-Bisbee Highway, F.A. 133A (1938), AFE 9202 and F.A. 133B (1938), AFE 9203. The work, which is approximately located between 9 and 15 miles west of Bisbee, consists of grading, draining, aggregate base course and asphalt surface treatment and is to be completed on or before August 15.

Work involves:

- (1) 4030 c.y. roadway excav., uncl.;
- (2) 1339 c.y. drainage excav., uncl.;
- (3) 1402 c.y. struc. excav., uncl.;
- (4) 3465 sta. yds. sta. yd. overhaul;
- (5) 46,829 c.y. imported borrow (CIP);
- (6) 23,955 c.y. select material (CIP);
- (7) 12,731 tons aggreg. base course (CIP);
- (8) 4000 c.y. stripping pits;
- (9) 2825 M. gals. sprinkling (CIP);
- (10) 700 hrs. rassing;
- (11) 769 c.y. class A concrete (incl. cement);
- (12) 190 c.y. class D concrete (incl. cement);
- (13) 77,765 lbs. reinf. steel bars, struc.

- or inter. grade (CIP);
- (14) 47,625 lbs. reinf. steel bars, Inter. grade (CIP);
- (15) 4,724 lbs. struc. steel (CIP);
- (16) 778 lf. 24-in. CMP (CIP except excavation);
- (17) 112 lf. 30-in. CMP (CIP except excavation);
- (18) 224 lf. 36-in. CMP (CIP except excavation);
- (19) 2 each, cattle guard, for slide-road (CIP except conc. and excavation);
- (20) 40,387 lf. standard line fence (CIP);
- (21) 16 each, standard wire gates, Type 2 (CIP);
- (22) 56 each, guide posts (CIP);
- (23) 22 each, R/W markers, Type A (CIP);
- (24) 276 tons cutback asphalt, MC-2, for AST (CIP);
- (25) 3 tons cutback asphalt, MC-4, for oil mix and seal coat (CIP);
- (26) 493 c.y. blotter matl., for AST and seal coat (CIP);
- (27) 625 lf. furnishing and driving piles (CIP);
- (28) 1 lump sum, furnishing and driving test pile (CIP);
- (29) 1 lump sum, loading test pile;
- (30) 324 sq. yd. furnishing and placing oil mix (CIP except cement agent);

- (31) 215 lf. rail bank protection, type A (CIP);
 - (32) 99 tons salvage and relay old oil mix (CIP except seal coat);
 - (33) 200 c.y. stockpiling blotter material (CIP in stockpile).
- Total bids follow:
- (A) Tanner Constr. Co., 801 Security Bldg., Phoenix—\$75,285.77.
 - (B) Warren Southwest, Inc., Los Angeles—\$78,365.15.
 - (C) Pearson & Dickerson Contrs., Inc., Prescott—\$80,702.90.
 - (D) J. A. Casson, Phoenix and Hayward, Cal.—\$81,207.02.
 - (E) Ken Hodgman Contr., Phoenix—\$83,705.47.
 - (F) W. E. Hall Constr. Co., Phoenix—\$85,852.41.
 - (G) Skoutsen Bros., Contrs., Albuquerque, N. Mex.—\$87,319.19.
 - (H) Fisher Contracting Co., Phoenix—\$90,113.57.
 - (I) L. R. Allison, Contr., Albuquerque—\$91,748.83.
 - (J) Martin Constr. Co., Tucson—\$95,240.11.
 - (K) Heasant-Hasler Constr. Co., Phoenix—\$96,931.06.
 - (L) Lewis Bros., Contrs., Phoenix—\$98,925.60.
 - (M) Phoenix-Tempe Stone Co., Phoenix—\$99,761.91.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1).....	\$ 0.25	\$ 0.40	\$ 0.37	\$ 0.40	\$ 0.23	\$ 0.20	\$ 0.40	\$ 0.40	\$ 0.25	\$ 0.30	\$ 0.40	\$ 0.32	\$ 0.31
(2).....	.25	.40	.37	.40	.23	.20	.45	.40	.32	.30	.40	.32	.25
(3).....	.80	1.00	.80	1.00	.75	1.00	1.00	1.00	.65	1.25	1.25	1.50	.20
(4).....	.01	.06	.02	.03	.03	.03	.03	.02	.03	.03	.03	.04	.025
(5).....	.25	.25	.26	.30	.29	.31	.33	.33	.30	.40	.33	.35	.38
(6).....	.25	.25	.26	.30	.31	.31	.38	.37	.45	.40	.38	.37	.48
(7).....	.55	.55	.55	.50	.49	.50	.50	.65	.75	.60	.70	.72	.88
(8).....	.12	.10	.17	.01	.14	.10	.15	.10	.15	.15	.18	.15	.12
(9).....	1.40	1.50	1.10	1.10	1.75	1.75	1.50	1.50	2.10	2.00	2.00	1.95	1.50
(10).....	3.00	2.30	3.00	3.00	3.00	3.00	2.50	3.00	3.25	2.50	3.00	3.10	3.00
(11).....	18.00	18.00	19.50	19.00	19.80	20.00	19.00	20.00	19.00	19.00	22.00	22.00	22.00
(12).....	18.00	19.50	20.00	19.00	22.50	22.50	21.00	20.50	23.00	20.00	28.00	23.00	23.00
(13).....	.05	.05	.055	.05	.055	.055	.075	.055	.055	.06	.06	.065	.06
(14).....	.05	.05	.055	.05	.055	.055	.075	.055	.055	.06	.06	.065	.06
(15).....	.12	.12	.12	.095	.10	.12	.10	.10	.12	.10	.12	.20	.11
(16).....	2.50	2.70	2.75	2.50	3.00	2.65	2.60	2.85	2.60	2.75	2.85	3.50	2.75
(17).....	3.10	3.25	3.25	3.50	4.00	3.35	3.40	3.50	3.10	3.50	3.90	4.50	3.50
(18).....	5.00	5.30	5.00	5.00	6.00	5.15	5.00	5.15	4.70	5.00	5.50	6.00	5.50
(19).....	275.00	300.00	400.00	250.00	275.00	250.00	285.00	250.00	300.00	300.00	270.00	300.00	250.00
(20).....	.07	.06	.07	.07	.07	.075	.08	.07	.07	.08	.08	.055	.07
(21).....	8.00	10.00	6.00	10.00	7.50	5.00	5.00	7.50	3.00	5.00	20.00	10.00	7.50
(22).....	2.00	2.25	1.75	2.50	3.00	2.50	2.00	2.50	3.00	2.00	3.00	1.00	2.50
(23).....	2.00	2.75	2.50	2.50	3.00	2.50	4.00	2.50	3.00	2.00	3.00	3.00	2.50
(24).....	23.00	25.00	27.50	25.00	23.60	25.50	25.00	25.00	24.00	27.00	28.00	24.75	26.00
(25).....	37.00	65.00	40.00	23.00	50.00	60.00	51.00	45.00	55.00	50.00	50.00	44.00	40.00
(26).....	.50	1.40	1.75	1.50	1.00	1.50	1.25	2.00	1.75	3.00	1.75	3.00	2.00
(27).....	4.00	5.00	4.20	5.00	4.50	5.00	4.00	4.50	4.50	4.00	2.90	7.50	4.00
(28).....	150.00	100.00	75.00	100.00	250.00	150.00	250.00	160.00	250.00	80.00	100.00	300.00	175.00
(29).....	200.00	100.00	125.00	25.00	150.00	250.00	200.00	200.00	25.00	150.00	100.00	250.00	200.00
(30).....	.20	.50	.60	.50	.50	1.00	1.00	1.00	.25	.50	1.25	2.20	.60
(31).....	2.50	2.50	3.50	4.50	4.00	3.50	4.00	5.00	5.25	5.00	4.50	4.00	2.50
(32).....	.25	2.50	.60	1.00	1.50	1.50	2.00	1.25	2.00	2.50	1.25	1.10	.90
(33).....	1.00	1.00	1.75	1.50	1.00	1.50	1.00	2.00	1.75	2.00	1.00	.90	1.80

ALAMEDA COUNTY PERMITS UNDER \$1000

- REEROOF, \$160; 2023 Essex, Berkeley; owner, J. W. Riche, Prem.; contractor, Amer. Roof Co., 383 40th St., Oakland.
- REEROOF, \$180; 2505 College, Berkeley; owner, R. L. Tompkins, Prem.; contractor, Hogan Bldg. & Roofing Co., 3002 Foothill Blvd., Oakland.
- REEROOF, \$150; 2235 Stuart, Berkeley; owner, Mrs. Mower, Prem.; contractor, A. V. Dutra, 3277 California St.
- ALTER store, \$500; 1443 Lelmert Blvd., Oakland; owner, E. T. Grove, 45th and Adeline; contractor, L. R. McWethy, 1730 Franklin.
- REPAIRS, \$250; 1769 Atlantic St., Oakland; owner, Pullman Co., Prem.; contractor, A. L. Peters, 223 Duncan Way.

- ADDITION, \$50; 1812 E. 24th St., Oakland; owner and contractor, M. G. Bayajian, Frem.
- ALTERATIONS, \$62; 3760 Telegraph Ave., Oakland; owner, S. N. Wood Co., Prem.; contractor, Chas. C. Garfield, 1717 40th Ave.
- ADDITION, \$25; 305 Lenox Avenue, Oakland; owner and contractor, Selma Domnerus, Prem.
- ADDITION, \$290; 4024 Elston Ave., Oakland; owner, Ernie Seagel, Prem.; contractor, Park Abbott, 1432 6th Ave.
- REPAIRS, \$400; 1115 Adeline St., Oakland; owner, Eugene E. Garrison, Prem.; contractor, W. A. Rose, 478 25th St.
- ALTERATIONS, \$211; 460 Vernon St., Oakland; owner, Emma Heffron, Prem.
- SIGN, metal, \$10; 3306 E. 14th St., Oakland; owner and contractor, Albert Mendel, Prem.
- SIGN, metal, \$3; 2001 73rd Ave., Oakland; owner, Grant's Market,

- Prem., contractor, Adams Bros, 541 E. 12th St.
- SIGN, electric, \$100; 4207 Park Blvd., Oakland; owner, G. E. Chapman, Prem.; contractor, Radiant Neon Displays, 786 22nd St.
- REEROOF, \$155; 6000 Claremont Ave., Oakland; owner, Dr. Gilcrest, 111 Sutter St., San Francisco; contractor, Brown Roof Co., 4820 Shattuck Ave.
- REEROOF, \$325; 622-30 Franklin St., Oakland; owner, H. Ruedy, Prem.; contractor, Brown Roof Co., 4820 Shattuck Ave.
- ALTERATIONS, \$500; 5225 Hopkins St., Oakland; owner, Laura C. Bailey, Rose Walk, Berkeley; contractor, Chas. G. Searle, 201 Capricorn Ave.
- ALTERATIONS, \$500; 1467 84th Avenue, Oakland; owner and contractor, F. Galbraith, Prem.
- ALTERATIONS, \$10; 2275 Auscon Ave., Oakland; owner and contractor, Jas. A. Newby, Prem.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

MARCH 1, 10 A. M.:

BID NO. 5072: Rental of one motor passenger coach, having a capacity of not less than 38 seated passengers and 20 standing to operate daily between Vassar and Spruce Sts., Berkeley, and a farm house on Wildcat Canyon Road;

BID NO. 5073: Rental of one motor passenger coach, having a capacity of not less than 38 seated passengers and 20 standing to operate daily between Vassar and Spruce Sts., Berkeley, and a farm house on Wildcat Canyon Road.

MARCH 2, 10 A. M.:

BID NO. 5074: 465 tons asphalt concrete and 319 tons plant mix surfacing; fob San Jose.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, and rental of equipment, as follows:

MARCH 2, 10 A. M.:

BID NO.5081: Douglas fir lumber of various sizes; fob 1520 Oak St., Oakland.

MARCH 3, 10 A. M.:

BID NO. 5061: Rental of one tractor, crawler type, not less than 48-hp equipped with angle dozer; fob Boulder Creek Bridge, 30 miles east of Eureka;

BID NO. 5077: 1660 redwood split posts and 1920 FBM dense select all heart structural redwood lumber; fob Salinas;

BID NO. 5079: 4500 l.f. galv., steel pipe; fob 1829 Cypress St., Oakland;

BID NO. 5080: 549 tons of crusher run base rock; fob Outer Harbor Terminal, Oakland.

MARCH 7, 10 A. M.:

BID NO. 5078: 400 tons natural rock asphalt; fob cars and/or San Jose.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 1969, for furnishing 8657 feet, 6 pair and 2500 feet, 15 pair underground cable. Plans and specifications may be obtained from the above office.

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 1967, for furnishing 500 $\frac{3}{4}$ -inch by $\frac{3}{4}$ -inch water meters for the San Francisco Water Department. Plans and specifications may be obtained from the above office.

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks,

270 City Hall, under Bid No. 1968, for furnishing and delivering reinforcing steel and wire fabric.

Plans and specifications may be obtained from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

BID NO. 5468—Two 45-ft. continuous beam spans, including all structural steel bolts for field connections, bolts for superstructure and all misc. steel portions necessary for erection of Hunter's Bridge; f.o.b. Ukiah, Calif.

GOVERNMENT ISLAND, Calif.—Until March 4, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 5471: Materials and casting branding irons, CCC with handles; fob Government Island;

BID NO. 5472: Steel stamps, CCC, 3/16-inch letters; fob Government Island.

WAR DEPARTMENT

FORT MASON, Cal.—Until March 3, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-241, for furnishing electrodes, pump tires, nuts, rivets, miscellaneous automobile and truck parts for Dodge, Chevrolet, Federal and Ford; f.o.b. Motor Warehouse No. 6, Presidio of San Francisco, Cal.

SACRAMENTO, Cal.—Until March 1, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

BID NO. 1105-38-207—Elbows, tees, brass unions, reducers, drills, screws and nuts; f.o.b. Rio Vista, Cal.

BID NO. 1105-38-208—Boiler pressure gauge, gate valves, wire, brass pipe and batteries; f.o.b. Rio Vista, Cal.

SACRAMENTO, Cal.—Until March 1, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-213, for furnishing machine bolts and nuts; f.o.b. Rio Vista, Cal.

SACRAMENTO, Cal.—Until March 3, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-214, for furnishing two 2-c.y. rated capacity dragline buckets; fob Sacramento.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

SCH. 2837—One motor-driven light duty engine lathe for San Diego, March 1.

SCH. 2850—43,420 lbs. nickel-copper-aluminum-alloy, for Mare Island, March 4.

SCH. 2855—200 gals. nitrocellulose dope for Philadelphia; 1000 gals. do. for Pensacola; 6500 gals. for San Diego; 1500 gals. for eastern or western yards, March 4.

SCH. 2817—Misc. furniture for the period of June 1 to Nov. 30, for all Ports, March 29.

SCH. 2877—5 electric drinking fountains and spares for Mare Island, March 8.

SCH. 2866—30,000 lbs. rust preventive compound, for Mare Island, March 6.

SCH. 900-1524—Valve, servo unit, 4-way cutout for western and eastern yards, March 4.

SCH. 2880—One electric food-baking oven and spares for Puget Snd., March 8.

SCH. 2876—Thermostatic traps and spares for eastern yards and Puget Sound, March 8.

SCH. 2869—Motor-operated horns for eastern yards and Puget Sound, March 8.

SCH. 2875—2 gasoline pumps, motor driven, and spares, for Mare Island, March 8.

SCH. 2870—1000 sq. yds. asbestos cloth, 36 inches wide, for Mare Island, March 8.

SCH. 2864—Nitrocellulose lacquer for eastern and western yards, March 8th.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER store, \$990; 1164 Market St.; owner, A. W. Wilson, 101 Post St.; contractor, Monros Bros., 475 Sixth St.; plans by C. A. Meussdorfer, 101 Post St.

ALTER dwelling, \$600; 988 Florida St.; owner, V. Costes, Premises; contractor, Victor Ollva, 927 Hampshire St.

FLUES, \$75; W. 30TH AVE., 100 S. Lawton St.; owner, C. T. Lindsay, 820 Taraval St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.

ALTER apartment house, \$125; 400 Connecticut; owner, Mary E. Canton, Prem.

ALTER dwelling, \$50; 40 Gambier; owner, L. Bernhard, Prem.

SIGN, electric, \$100; 1501 California St.; owner, Economy Cleaners, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$150; 875 O'Farrell St.; owner, Hickox & Hanchey, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.

ALTER dwelling, \$300; 45 Harrington; owner, S. Depaoli, 3289 Mission St.

SIGN, electric, \$100; 480 3rd Street; owner, Union Station No. 1079, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 1058 Mission St.; owner, Kindel & Graham, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif.

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



F. C. Amoroso Awarded
State Fair Contract

♦ ♦ ♦

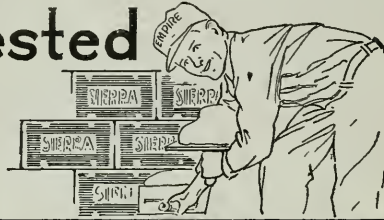
Bids March 15 For Petaluma Sewer Job

♦ ♦ ♦

Building Permits, Advance Reports
of Building and Engineering
Projects



Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant*

in

San

Francisco!

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., MARCH 2, 1938 10

S. F. Works Dept. Asks Street Widening Bids, Awards Sewage Digester Contract

Bids for another job in San Francisco's \$2,000,000 municipal construction program for the first six months of 1938 yesterday were called by Director William H. Worden of the Department of Public Works.

Bids will be opened March 16, Mr. Worden announced, for widening and reconstructing Golden Gate avenue from Van Ness avenue to Taylor street.

The job will cost approximately \$43,000, according to the estimate of City Engineer John J. Casey.

Narrower Sidewalks

Plans call for reducing sidewalks on both sides of the street from fifteen to ten feet, and the construction of a concrete parking strip adjacent to the curb.

Principal items include: 46,000 square feet of pavement removed; 32,000 square feet of 8-inch concrete paving; 46,000 square feet of 6-inch asphaltic concrete wearing surface; 16,800 square feet of 2-course concrete sidewalk; and 7,000 square feet of asphaltic wearing surface removed.

Awarded yesterday to Clinton Construction Company, at \$70,950, was the contract for construction of a primary digester in the Richmond-Sunset Sewage Treatment Plant, now under construction. The contract was awarded under Proposition A.

Bernal Cut Paving

Bids for construction of permanent pavement on sections of Bernal Cut will be called in about thirty days, it is expected. The plans and specifications for the \$50,000 project have been completed. However, the bid call has been delayed by slides resulting from the recent excessive rains. Slides caused considerable trouble in portions of the cut, according to engineers, and new surveys are being taken.

Plans for reconstruction of certain streets in the Golden Gate Heights District are about fifty per cent complete, it was announced. The project is estimated to cost about \$25,000, and will be paid partially by the city, partially by assessment.

The work will be done in various streets running roughly, as follows:

from Fourteenth avenue and Pacheco to Fourteenth avenue and Quintara to Cragmont and Quintara to Rockridge drive and Funston avenue.

Third Street Project

Also about fifty per cent completed are plans for widening and reconstructing Third street from Channel to Howard streets. The job is estimated to cost about \$67,000. The work involves reducing sidewalks from fourteen to ten ft. with the construction of a seven-foot concrete parking strip adjacent to the curb.

With contracts for the Lowell High School boys' gymnasium awarded, contractors this week turned to the George Washington High School boys' and girls' gymnasium for which plans have been completed. The State Division of Architecture has approved the plans and bids will be called shortly, it is expected. Estimated cost of the job, including construction of an athletic field, is \$300,000, according to City Architect Charles H. Sawyer. The gymnasium and athletic field will be constructed under separate contracts, it is believed.

Junior College Plans

Architectural plans for the initial unit of San Francisco Junior College were completed this week, according to Mr. Sawyer. Mechanical plans will be finished this month. Adverse weather conditions have delayed work on the foundations of the proposed Science Building, so bids will not be called until April, he said. Other Bureau of Architecture projects include plans for the Laguna Honda Home and the Hassler Health Farm. Preliminary plans for the latter have been approved.

BIDS MARCH 15 FOR PETALUMA SEWER PROJECT

Advertise Third Contract in Program; Oakland Sewer Early, Hold Others

Bids for construction of Unit C of the Municipal Sewage Disposal Project in Petaluma will be opened March 15, it was announced Saturday.

Construction of the sewage disposal project was divided into three contracts. Two contracts have been awarded; the third was placed on the market Saturday.

Contract A called for construction of mainline intercepting sewers for the project. The contract was awarded last December to the Oakland Sewer Construction Company at the bid price of \$71,168.80.

Coincidentally Contract B was awarded to Fred J. Early, Jr., at \$98,146. Contract B involved construction of a pumping plant and treatment works.

Contract C involves installation of sewer pipe; manholes, catchbasins; catchbasin lateral, and house sewer connections.

Engineer Harry N. Jenks of Berkeley, prepared plans and specifications for the job. Last June, Petaluma voters approved a \$225,000 bond issue for construction of the plant. The remainder of the \$315,800 estimated cost was made up by a PWA grant of \$142,100.

The project consists of construction of intercepting sewers, river crossing, storm water sewer separation, sewage pumping plant and treatment plant. The sewer system and treatment plant were desired to remedy an unsanitary condition in the river bottom. The separate storm water system was planned primarily to limit the amount of pumpage and treatment of the intercepted flow from the west and east sections of the city.

The Lighting Division of Westinghouse Electric and Manufacturing Company, Cleveland, Ohio, announces distribution of a leaflet, "Storlite Luminaires" which will be sent without charge upon request.

UNION PAVING LOW BIDDER ON AIR DEPOT JOB

Eight Firms Submit Bids for Construction of Runways and Drains

SACRAMENTO, March 1.—The Union Paving Company, San Francisco, at \$206,600, today submitted the low bid to the Construction Quartermaster, Sacramento Air Depot, for construction of runways and drainage facilities at the air depot.

Eight firms submitted bids on the contract.

Specifications called for furnishing all material and equipment and performing all labor necessary to construct paved runways and taxiway of 6-inch plant-mix stabilized soil base, using all imported materials; to construct storm drains with concrete pipe, including manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurtenances necessary to construct the electrical duct lines.

On the first two propositions, five deductions for omitting various taxiways and appurtenances were included.

Bidders could submit bids on items one through six; items seven through twelve; or items thirteen through eighteen.

In the following list of bids the figures one and seven are used to indicate the propositions.

Bids were: Union Paving Company, (1) \$206,600, (7) \$201,500; Piazza and Huntley, (1) \$228,000; J. R. Reeves, (7) \$229,100; J. A. Casson, (1) \$233,368; (7) \$224,972; Pacific States Construction Co., (1) \$259,300; (7) \$252,000; Eaton & Smith, (1) \$265,000, (7) \$235,000; A. Teichert and Son, (1) \$288,000, (7) \$276,090; Bodenhamer Construction Co., (1) \$276,890 (7) \$248,890.

No bids were submitted on items thirteen through eighteen.

UNPICKABLE LOCK CLAIMED BY SEGAL

A new lock, claimed to be unpickable, has been placed on the market by the Segal Lock & Hardware Company, Inc., 261 Broadway, New York City. Information regarding the lock may be obtained without cost by writing the manufacturer at the above address.

Samuel Segal, inventor of the Segal Jimmyproof Lock, former detective with the New York Police Department, invented the new lock. Underwriters' Laboratories, bureau of standards for the insurance companies, have tested the lock and believe it to be unpickable, according to the company. The new invention can easily be stalled on any lock at present in use by replacing the present cylinder with a Segal non-pickable cylinder, it is announced.

JOHNSON LOW FOR PENDLETON LEVEE

BONNEVILLE, Ore., Mar. 2.—Homer G. Johnson, Portland, Ore., today submitted low bid to the U. S. Engineer Office here for extending, raising and strengthening the existing levee between Roundup Grounds and the sewage disposal plant along the Umatilla River at Pendleton, Oregon. Amount of the low proposal was \$28,820.

The project will involve about 8700 cubic yards excavation for rock toe; 27,100 cubic yards borrow excavation; 9000 tons rock toe protection; and 9600 tons of riprap.

Two Units of 1939 Fair Storm Sewer System Completed

In the construction of the \$200,000 storm sewer project for the drainage of Treasure Island, site of the 1939 Golden Gate International Exposition on San Francisco Bay, approximately 20 miles of redwood pipe is being used.

Close to 100,000 lineal feet of pipe has already been installed under the first two contracts to be let for this work. The first unit completed by Eaton & Smith at a cost of \$79,567 called for a total of 77,116 feet of redwood stave pipe ranging from ten to thirty-four inches. The second unit requiring 18,268 feet of pipe from ten to thirty-six inches, together with leader runs has been finished by the same firm at a figure of 75,072. These contracts called for pipe of redwood staves milled from clear redwood lumber properly seasoned, free from knots and with a moisture content of not more than 20 per cent. Some of the dimensions were built in the ditch with tongue and groove staves while other sizes were machine banded and brought in longer lengths to be put together on the job.

Drainage of the man-made 400-acre island will be accomplished by ten separate gravity storm sewer systems, each system draining a portion of the area from the center to the seawall, discharging through corrugated culverts. Collection will be through 400 catch-basins. The majority of heads are at an elevation of plus 11 feet, while outlets through the seawall are at an elevation of 6 feet above mean high tide. The shallowest depth of the pipe line is two feet below the surface with an average of three feet. Grades vary from .0015 to .0040. These systems were designed to take off an intensity of rainfall up to 2.05 inches per hour for five minutes, an intensity which may be expected to occur once in a two-year period.

WEATHER SLOWS S. F. BUILDING PERMIT VOLUME

February Building in City Totals \$785,552; Rains Cause Marked Decline

The rains came to San Francisco and the building permit total for February dropped to \$785,552.

That's the story, according to the monthly building permit report released yesterday by Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

During February, 1938, 420 permits were issued for construction estimated to cost \$785,552, a marked decline from the February, 1937 record of 578 permits issued for construction valued at \$1,219,567.

Last month's total wiped out the gains registered in January. In the first two months of 1938 955 permits were issued for construction valued at \$2,361,803. In the same period in 1937, 1083 permits were issued for a total valuation of \$2,444,942.

Two Classes Gain

The January, 1938 record was 535 permits for work costing \$1,576,251. Drops were registered in all but two classifications in February. In February two permits amounting to \$76,600, and three permits amounting to \$108,595 were issued in the Class B construction and Exposition classifications, respectively. Totals in these groups were lower in January.

The frame construction total for February was 93 permits for \$391,760, as compared to \$815,540 in January, and \$716,200 in February 1936.

Following is the classified building permit total for February, 1938 and February, 1937:

Class.	Feb., 1938		Feb., 1937	
	No.	Est. Cost	No.	Est. Cost
A		\$	2	\$ 35,000
B	2	76,000	2	130,000
C	5	20,500	9	113,500
Frames	93	391,760	155	716,200
Alter.	317	188,699	406	219,900
Public			1	4,960
1939 Expn.	3	108,593		
Total	420	\$785,552	578	\$1,219,567
1938 (2 mos.)			1937 (2 mos.)	
No. Est. Cost	955	\$2,361,803	1,083	\$2,444,942

AT NEW LOCATION

William Pfister, proprietor of the Industrial Ornamental Iron, Bronze & Wire Works, announces that the plant is now located at 1526-28 Folsom street, San Francisco. Formerly located at 552 Noe street, the plant was moved to provide additional service facilities as a result of steadily increasing business, Mr. Pfister said.

Housing Program Slated for Discussion At A.I.A. National Convention in April

More than 600 delegates will participate in the seventieth convention of the American Institute of Architects, which will be held in New Orleans April 19 to 22, it is announced by the president of the Institute, Charles D. Maginnis of Boston.

Moise H. Goldstein of New Orleans, regional director of the district, has been appointed chairman of the convention committee of the Institute, which will cooperate with a committee of the New Orleans Chapter, of which F. Julius Dreyfous is president, in arranging the program of events. Delegates from the Institute's 70 chapters, including many of the nation's leading architects, will attend.

Housing will be a chief theme of the session, at which scores of reports and addresses dealing with practically every phase of architecture and construction will be presented. The report of the Institute's Housing Committee will be made by the chairman, Walter R. McCormack of Cleveland. The report will describe the development of a 1938 program which the Institute is fostering with the aid of other groups in the building industry.

Steps are being taken to place a consulting architect on the technical staff of every local housing authority set up under the Wagner-Steagall Act, Mr. McCormack says in outlining the plans of the Institute, which will take shape at the New Orleans assembly.

"In spite of the difficulties in the way of any considerable accomplishment in the housing field at the moment, there can be no doubt that the profession is facing an opportunity the scope of which is not yet fully realized," he explains. "Meanwhile there are certain obvious things to be done which have a direct bearing on the architects' effective participation in a future program. There is an increasing realization on the part of housing authorities of the value of architectural advice during the development work.

"Consequently the Committee on Housing suggests that in the creation of local housing authorities, chapters recommend that an architect be appointed as a member of the authority. The Housing Committee has already recommended to the United States Housing Authority that the technical staff of each local authority include a consulting architect.

"While the acceptance of these positions by architects would disqualify them from acting as architects of any of the projects, it would be a sacrifice worth undertaking for the good of the profession and of housing."

A radical reduction of charges and costs is essential to a solution of the problem of the low-cost home, according to the Institute. Among listed objectives are the following:

Exchange to Elect Board of Directors

Eleven members of the San Francisco Builders Exchange board of directors will be elected by the membership March 21, according to R. J. H. Forbes, exchange secretary.

Fourteen nominations have been made. Those nominated, and the crafts they represent, are: James Ahlback, plumbing and heating; J. W. Bender, roofing contractors; Charles W. Carle, reinforcing steel dealers; Sam F. Cohn, painters and decorators; George Czinger, bonds and insurance; Arthur F. Edwards, marble dealers.

A. Faunt, stair builders; R. J. H. Forbes, concrete contractors; W. H. George, building material dealers; Wm. G. Gilmour, master plasterers; Emil Hogberg, masons and builders; J. D. McGilvray, unorganized crafts; N. F. Nielsen, general contractors; and H. H. Patterson, ornamental iron manufacturers.

Revision of building codes, outlawing of jurisdictional disputes, expulsion of racketeers from industry, permission to use new methods of construction which will reduce costs, purchase of land at its use value, revision of taxation methods and lowering the interest rates.

The national housing movement, the small house problem, land utilization, the relations of labor and industry to housing, minimum standards of dwelling units, and city planning will be discussed at meetings in New Orleans sponsored by the Housing Committee.

Progress in many other fields of architecture will be reported. Allied arts, public works, building, education, structural service, public information, preservation of historic buildings, registration laws, civic design, foreign relations, construction industry relations, the professional organization of architects, and the development of the National Capital are among the topics for discussion.

The New Orleans Chapter is arranging tours of historic places in and around New Orleans. Numerous other local events are being planned by committees of this Chapter. The headquarters of the meeting will be at the Hotel Roosevelt. The last convention of the Institute to be held in New Orleans was in 1913.

PRODUCTION AT CEMENT MILLS SHOWS DECLINE

Shipments Drift Lower; Output
Drops; California Mills
Lead All Others

The United States Portland cement industry in January, 1938, produced 4,534,000 barrels, shipped 4,390,000 barrels, and had in stock at the end of the month 25,022,000 barrels, according to the monthly report of the Bureau of Mines.

Production and shipments of Portland cement in January, 1938, showed decreases of 31.5 and 6.4 per cent, respectively, as compared with January, 1937. Portland cement stocks at the mills were 2.6 per cent higher than a year ago.

With regard to 1937, the report said: "The factory value of the shipments from the mills in 1937—114,010,000 barrels—is estimated at \$169,807,000, representing an average value of \$1.49 per barrel."

According to the reports of producers, the shipment totals for 1937 include approximately 3,510,000 barrels of high-early-strength Portland cement with an estimated mill value of \$6,589,000.

Stocks Here Less

In California mills during January, 1938, 695,000 barrels of Portland cement were produced, as compared to 1,005,000 barrels produced during the same month in 1937. Shipments were 801,000, as compared to 882,000 barrels in 1937, and stocks at the end of the month were 1,365,000 barrels, as compared to 1,521,000 barrels in 1937.

Of the twelve cement production districts into which the entire United States is divided, California ranked first in production and shipments. In these classifications California ranked first in 1937, also.

Production of clinker (unground cement) in California during January, 1938, amounted to 789,000 barrels, as compared to production of 1,141,000 barrels in January, 1937. Stocks of clinker at the end of this January were 1,310,000 barrels, as compared to 1,251,000 barrels at the end of January, 1937.

Approximately 3,510,000 barrels of high-early-strength Portland cement with an estimated mill value of \$6,589,000 were manufactured in the United States during 1937, according to the reports of sixty-four manufacturers to the U. S. Bureau of Mines.

The sixty four are located, as follows: one each in Kentucky, New Jersey, Maine, Oklahoma, Tennessee, West Virginia, and Wyoming; two each in Alabama, Colorado, Illinois, Indiana, Missouri, Virginia, and Washington; three in Iowa; four each in Kansas, New York and Ohio; five in Michigan; six in California; seven in Texas; and ten in Pennsylvania.

TERMINAL FOR SPAN RAILWAY 40% COMPLETE

Inclement Weather Hampers Work; Port Overhead Near Completion

With practically 40 per cent of the construction on the San Francisco Terminal for the San Francisco-Oakland Bay Bridge Railway Facilities completed, work was being pushed rapidly on the entire bridge railway project, according to a progress report filed Saturday by Chief Engineer C. H. Purcell with Earl Lee Kelly, Director of Public Works.

San Francisco

While inclement weather hampered construction during the past two weeks, the entire basement slab for the Terminal Building has been completed. Also placed is the concrete slab for the first floor in the center and west units which is 50 per cent finished in the east unit. The mezzanine floor slab in the center unit has been completed by MacDonald & Kahn, general contractors for the Terminal Bldg.

Meanwhile the Columbia Steel Company has completed erection of the structural steel for the First Street Overhead, with 35 per cent of the steel erected for the Fremont Street Overhead connecting the east and center units.

The San Francisco Viaduct, over which bridge trains will ply between the span and the Terminal, is 30 per cent completed by Eaton & Smith, contractors for this project. All timber and concrete piles have been driven. The Harrison Street crossing, within 5 per cent of completion, is now open to traffic, while pier shafts for the east loop between the north and south Beale Street Crossings are within 40 per cent of completion. Work has been started for the viaduct west of First Street.

East Bay

With the erection of railings on the Port of Oakland Overhead, this new highway approach to the Bay Bridge is practically finished. The Overhead, constructed by J. H. Pomeroy & Company, will connect with a four-lane highway at Maritime Street and thence direct to the Port of Oakland. This highway portion of the project is under construction by the City of Oakland.

On the Interurban Electric's (S. P.) 26th Street Overhead, the timber deck for the "Y" structure is being placed by Bates & Rogers Construction Corporation, contractors. Work is under way on the yard signal tower for the East Bay Yards opposite the Toll Plaza. Track bonding by the General Welding Company has continued in this section.

Bridge Proper

With the tie laying completed on the Oakland crossing for the bridge railway, except for curved spans YB-1 to E-1 and E-9 to E-11,

NEW CONTRACT FOR BOULDER POWER SIGNED

The Secretary of the Interior, Harold L. Ickes, this week announced completion of a contract with the Citizens Utility Company of Minneapolis, Minn., which operates the power system serving Kingman County, Ariz., by which the company may buy 50,000,000 kilowatt hours annually from the Boulder Dam Power Plant until December 31, 1954.

The company will pay the regular price for firm energy at Boulder Dam, 1.63 mills per kilowatt hour, and the revenues from the contract, if the maximum allowable is taken, would amount to \$81,500 a year. The power being sold is firm power originally contracted for by the Metropolitan Water District of Southern California, which has announced it will be unable to use the energy on the date at which its contract becomes effective, June 1, 1938.

The contract with the Citizens Utility Company is the second of its type, since on January 28 a similar contract for the sale of a maximum 20,000,000 kilowatt hours annually of unused Metropolitan Water District energy was completed with the Needles Gas and Electric Company, of San Francisco, which serves Needles, Calif., and vicinity. This contract also extends to December 31, 1954; requires the payment of 1.63 mills per kilowatt hour and is otherwise similar to that of the Citizens Utility Company. The contract with the Needles Company would bring a maximum of \$32,600 annually into the Treasury.

Under a provision in the contract with the Metropolitan Water District the Secretary of the Interior is empowered to dispose of the unused energy, after first offering it to the city of Los Angeles and other major purchasers who hold options on the unused power.

The revenues received from the sale of power to the Citizens Utility Company and the Needles Gas and Electric Company will go into the United States Treasury, but will be credited against the obligation of the Metropolitan Water District, thereby serving to reduce the charges made against the District.

The Metropolitan Water District announced it would be unable to take its allotment of power at the outset because it has been unable

this work has been finished on the San Francisco crossing from Yerba Buena Anchorage to Pier W-5 by the Pacific Bridge Company, contractors.

Shipments of signal material for the bridge railway's elaborate signal and interlocking system have been received and work on the installation of this system has been started by the General Railway Signal Company of Rochester, N. Y., Mr. Purcell said.

LET CONTRACTS FOR SACRAMENTO FAIR BUILDINGS

F. C. Amoroso & Sons Awarded Dairy Exhibits, Assembled General Work

SACRAMENTO, March 2.—Five contracts covering all portions of work on the assembly and dairy exhibits buildings at Agricultural Park, the State fair grounds here, were awarded today by State Director of Public Works Earl Lee Kelly.

The contracts in all instances went to the firms which submitted low bids yesterday.

F. C. Amoroso & Sons, Keith and Wallace avenue, San Francisco, won the general contract at the bid price of \$127,977.

Electrical work on the buildings was awarded to Roy M. Butcher, 1020 Sherwood avenue, San Jose. The contract price is \$10,528.

Let to M. R. Carpenter, 907 Front street, Sacramento, was the contract for plumbing work in the buildings, at his bid price of \$9530.

Carpenter, likewise, was awarded heating and ventilating, at \$6,209, the amount of his low bid.

Refrigeration work in the dairy exhibits building will be done by Oakland Refrigerator & Butchers' Supply Co., it was announced. Amount of the contract price is \$2,787.

to complete its Colorado River Aqueduct. This aqueduct extends 250 miles from Paker Dam, 155 miles below Boulder Dam, to thirteen cities on the coastal plain in the vicinity of Los Angeles. The District was allotted 36 per cent of the power from the plant at Boulder Dam for use in pumping water through its aqueduct. While Boulder Dam was completed more than two years ahead of schedule, the aqueduct construction program could not be advanced.

Two 82,500 kilowatt-ampere generators designed to serve the Metropolitan Water District are now being installed at the Boulder Dam plant and are expected to be ready for operation by June 1. The District, under its contract, is required to pay for such unused energy as is not disposed of otherwise at rates stipulated in the contract.

The Citizens Utility Company plans to build a transmission line to the power plant to handle its energy. The Government will install transformers and certain other equipment, which the company will pay for at four per cent interest in ten years. The company agrees also to pay its proportionate share of the cost of the turbines and generators installed to serve the Metropolitan Water District. These charges to be worked out between the company and the district and to come to the Secretary of the Interior for settlement only in cast of disagreement between the two.

ASK BIDS FOR STORAGE VAULT AT S. F. MINT

Treasury Department Advertises \$220,000 Contract; Bids Open April 1

WASHINGTON, D. C., Feb. 28.—A contract for construction of an additional storage vault at the U. S. Mint in San Francisco was advertised for bids today by the Treasury Department public buildings branch.

Proposals for the project, to cost an estimated \$220,000, will be opened by Treasury Department officials here April 1.

The new silver storage vault will be sunk into the driveway at the mint building at Duboce avenue and Market street.

The vault will be approximately 158 feet long, 66 feet wide, and will have a depth of about 24 feet.

Two Elevators

It will have two decks, and will be served by a pair of elevators. Construction of the vault will require excavation of space in the driveway.

To provide fresh air for the silver storage vault, a ventilating system will be installed.

Plans for the work were prepared under the direction of the Treasury Department supervising architect.

ORDERS GAIN, COAST LUMBER MILLS REPORT

A total of 149 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending February 19, produced 66,878,352 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 42.5 per cent of its average weekly cut during 1926-1929.

The new business reported taken last week by the 149 mills was 86,704,789 board feet. Shipments were 66,928,575 feet.

Details of orders and shipments as reported by the 149 mills are:

	Orders	Shipments
Rail	30,455,562	29,530,644
Domestic		
Cargo	41,667,341	27,197,242
Export	8,452,536	4,071,339
Local	6,129,350	6,129,350

86,704,789 66,928,575
The unfilled order file at these mills stood at \$16,328,806.

Shipments of aerial hook-and-ladder trucks during 1937 amounted to 67 units, as compared to 41 units shipped during 1936, the Bureau of Census announces in its annual report.

SPAN WIDENING BIDS SCHEDULED

SACRAMENTO, March 1.—The State Highway Commission today authorized advertisement for bids on a State Division of Highways contract calling for widening of three bridges in Napa county. Proposals will be opened in Sacramento March 23, it was announced.

The bridges to be widened are located between six and fifteen miles north of Napa; one across Dry Creek, one across Sale Slough Overflow, and one across Bale Slough.

Dams for Kennett, Friant Camp Water Supplies Complete

Two dams already have been completed on the Kennett and Friant Divisions of the Central Valley Project.

But, lest false inference be drawn Construction Engineer Walker R. Young hastened to add that they are not the two big project structures—Shasta Dam and Friant Dam—which are to be erected by the Government for purposes of water conservation, river regulation, salinity control and power generation in the Great Central Valley of California.

The completed dams are earth-fill structure built to create small reservoirs for the two Bureau of Reclamation construction camps near the main dam sites.

A half-mile above the Kennett Camp near Redding, on a branch of Churn Creek, 11,500 cubic yards of earth have been compacted into a dam 35 feet high and 180 feet long. The reservoir, serving both as a camp water storage and sedimentation basin, already is filled to its capacity of 4,000,000 gallons.

The dam at Friant—20 feet high, 225 feet long and containing 3,000 cubic yards of earth—creates a sedimentation basin with a capacity of 2,440,000 gallons. Water will be pumped into it from the nearby San Joaquin River.

R. G. FALK ELECTED HAUCK & CO. HEAD

W. C. Hauck & Co., 280 San Bruno avenue, San Francisco, announces the election of the following officers: R. G. Falk, president and treasurer; W. F. Postel, vice-president; and H. J. Eames, secretary. The interest in the corporation formerly held by the late Walter C. Hauck has been purchased by Mr. Falk, new president and treasurer of the firm.

All underground systems for the \$50,000,000 Peagant of the Pacific are expected to be completed in April, 1938.

BRAZIL PLANS PAVILION FOR '39 BAY FAIR

Japan Appropriates \$330,000 for Exposition Building, Says Consul

Brazil and Uruguay, two more South American republics, this week joined the parade of nations participating in the 1939 West's World's Fair.

These two new links in the chain of inter-American participation in the 1939 Golden Gate International Exposition were forged when official announcement, through diplomatic channels, came simultaneously from President Getulio Vargas of Brazil, and Dr. Gabriel Terra, President of Uruguay.

Brazil will erect its own pavilion on Treasure Island site of the Exposition in San Francisco Bay, and Uruguay will exhibit in the palace to be built for the express purpose of housing foreign exhibits, according to Major O. J. Keatinge, Director of Foreign Participation.

Fourteen countries have now announced participation in the Exposition through diplomatic channels, nine others have given verbal assurance of being represented, and a score more have taken steps toward eventual participation, bringing the total to near the forty mark.

The countries which have accepted through diplomatic channels are Brazil, Uruguay, Peru, Ecuador, Cuba, Japan, Santa Domingo, Guatemala, Netherlands East Indies, Nicaragua, Costa Rica British Columbia, Honduras and Mexico.

Through Consul General Kanzo Shiozaki of Japan, named commissioner in charge of Japan's exhibit by his government, came word that Japan has appropriated \$330,000 to be used in erecting its pavilion at the World's Fair and bringing its exhibit here. Private subscriptions in Japan will bring this figure to near the \$500,000 mark, Shiozaki said.

Bids for Spreckels School Project Soon

A \$75,000 grammar school at Spreckels, Monterey county, probably will go out for bids in about two weeks, it was announced this week.

Funds for the school will be provided by a bond issue approved by voters of the Spreckels School District.

The school will be a one-story frame structure, according to plans prepared by Architect Wm. Henry Rowe. It will contain seven classrooms and a large auditorium.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
470	Crowe	Hinson	2500
471	Fritz	Owner	2000
472	Guinasso	Owner	8000
473-4	Helgesson	Helgesson	5000
475	Johnson	Owner	12000
476	McKales	Owner	6000
477	R. C. Archbish.	Barrett	1000
478	Stoneson	Owner	6000
479	Vogt	Vogt	12500
481	Ferry	Wagner	8000
482	Heyman	Owner	5750
483	Hyman	Owner	5506
484	Johnsen	Owner	10000
485	Loretz	Erickson	4800
486	Majestic	Petersen	1000
487	McEniry	Owner	1000
488	McQuat	Owner	5000
489	Mendo	Janssen	8000
490	Sbarboro	Owner	9000
491	Scavengers	DeLucchi	8300
492	Volkes	Cahill	60000
493	Walgren	Brown	2159
493	Biggine	All-Amer.	1773
494	Coxon	DeLuca	15000
495	Geandrat	Folan	4800
496-7	Lindsay	Owner	3750
497	Nelson	G. G. Constr.	3500
499	Nelson	G. G. Constr.	6000
500	Oseplan	Cornblum	6000
501	Rousseau	Owner	14000
502	Schmidt	Schmidt Bros.	3100
503	Schmidt	Schmidt Bros.	3100
504-20	Standard	Owner	3500
521	Strauss	Fisher	1800
522	Costello	Owner	4000
523	Danziger	Owner	4000
524	Dullea	Malloch	7000
525	Exposito	Owner	4000
526	Neider	Berg Bros.	6000
527	Rousseau	Owner	8000
528	Santa Fe	Ralley	1000
529	Standard Oil	Owner	6000
530	Tide Water	Owner	11425
531	Tide Water	Owner	4800
532	Werner	Owner	1000
533	Zimmerman	Owner	5500
534	Baker	Owner	1500
535	Barrow	Owner	2000
536-8	Doelger	Owner	3000
539-40	Doelger	Owner	4000
541	Family Club	Jensen	30000
542	McKinley	Munson	2500
543	Nelson	Owner	4750
544	O'Dair	Owner	1000
545	Roth-Meyer	Roth	4000
546	Stoneson	Owner	3500
547	Stoneson	Owner	3000
548-9	Stoneson	Owner	2500
550-52	Stoneson	Owner	5500
553-4	Williams	Williams	5000

SERVICE STATION

(470) NE GOLDEN GATE AND VAN NESS AVES. Steel service station.

Owner—M. H. Crowe Tire Co., Bush and Franklin Sts.
Contractor—L. A. Hinson, 320 Tehama.
Architect—O. A. Deichman, 321 Bush St. \$2500

ALTERATIONS

(471) SE KEARNEY AND SUTTER STS. Alter hotel.

Owner—E. H. Fritz, c/o Architect.
Architect—Conrad T. Kett, 519 California St. \$2000

FRAME APTS.

(472) SW 26TH AVE. AND RIVERA. Two-story and basement frame apts.

Owner—S. A. Guinasso, 4021 California St.
Architect—Not Given. \$8000

FRAME FLATS

(473) N. UPPER TERR., 99 W OF

BUENA VISTA. Two-story and basement frame flats.
Owner—Helgesson & Hine, c/o Contractor.

Contractor—Roy A. Helgesson, 2695 23rd Ave.
Architect—Not Given. \$6500

FRAME FLATS

(474) N. UPPER TERR., 59 W OF BUENA VISTA. Two-story and basement frame flats.

Owner—Helgesson & Hine, c/o Contractor.
Contractor—Roy A. Helgesson, 2695 23rd Ave.
Architect—Not Given. \$6500

MARKET

(475) S. WILLIAMS AVE., 130 W OF THIRD ST. One-story Class C Market.

Owner—Louis Johnson, 666 Mission St.
Engineer—H. A. Emmerlck, 1280 Indiana St.
Architect—Not Given. \$12,000

SERVICE STATION

(476) NW TURK AND HYDE STS. Steel service station.

Owner—McKales, Inc., Claus Spreckels Bldg.
Architect—Not Given. \$6000

CLASS B SCHOOL

(477) S. ELIZABETH, 138 E DIAMOND. First unit of 3-story Class B School.

Owner—Roman Catholic Archbishop of San Francisco, c/o Contractor.
Contractor—Barrett & Hilp, 918 Harrison St.
Engineer—W. Adrian, 417 Market St.
Architect—Martin Rist, Phelan Bldg. \$1000

(478) WEST JUNIPERO SERRA BLVD., 575 N. OCEAN AVE.

Two-story and basement frame dwelling.

Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$6000

INDUSTRIAL BLDG.

(479) SE FOLSOM AND JUNIPER. One-story Class C light industrial building.

Owner—Alfred H. Vogt, 250 11th St.
Contractor—A. H. Vogt Co., 256 11th St.
Engineer—C. W. Zollner, Ross Valley.
Architect—Walter C. Falch, Hearst Bldg. \$12,500

DWELLING

(480) W 15th AVE. 77 N Pacheco St. Two-story and basement frame dwelling.

Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. \$7,000

ALTERATIONS

(481) 500 PAUL AVE. Alter seed factory.

Owner—Ferry-Morse Seed Co., 749 Front Street.
Contractor—Geo. Wagner, 181 South Park.
Architect—Frederick H. Meyer, Kohl Bldg. \$8,000

DWELLING

(482) NW LORAIN COURT and Anza St. One-story and basement frame dwelling.

Owner and Builder—Heyman Bros., 742 Market Street.
Architect—Not Given. \$5750

DWELLING

(483) W LORAIN COURT 26 N Anza St. One-story and basement frame dwelling.

Owner and Builder—Heyman Bros., 742 Market Street.
Architect—Not Given. \$5,500

FLAT

(484) E STANYAN 216 S Geary. Two-story and basement frame flat.

Owner and Builder—Peder P. Johnson, 157 Stanyan St.
Architect—Not Given. \$10,000

DWELLING

(485) W ALEMANY BLVD. 265 S Onondaga. One-story and basement frame dwelling.

Owner—Eddy Loretz, 29th and San Jose Ave.
Contractor—Henry Erickson, 972 Cheryn Street.
Architect—Not Given. \$4,800

ALTERATIONS

(486) 2447 MISSION ST. Alter store.

Owner—The Majestic Cloak & Suit Co., premises.
Contractor—Antone Petersen & Sons, 2785 San Bruno Ave.
Architect—Not Given. \$1,000

DWELLING

(487) SW HUDSON 175 SE Boalt. One - story frame dwelling.

Owner and Builder—Ellen McEniry, 1696 Grove Street.
Architect—Not Given. \$1,000

(488) N POST 138 W Gough. Alter dwelling.

Owner and Contractor—M. E. McQuat, 117 Montgomery Street.
Architect—Not Given. \$5,000

DWELLING

(489) N GREENWICH 137 E Pierce. Two - story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement.
Contractor—E. A. Janssen, 1136 Clement Street.
Architect—Not Given. \$8,000

(490) W NORMANDIE TER. 100 N Broadway. Two-story and basement frame dwelling.

Owner and Builder—Sbarboro & Jorgensen, 207 Walnut St.
Architect—John Ahuden, 822 39th Avenue. \$9,000

SHOP

(491) N CHESTNUT 103 W Mason. One-story Class C shop.

Owner—Scavengers Pro. Assn., 660 Chestnut St.
Contractor—G. B. DeLucchi, 4 Sharpe Place.
Architect—Not Given. \$8,300

OFFICE

(492) S HOWARD 155 W Second St. Two-story Class B office and warehouse.

Owner—Wm. Volkes & Co., 333 Montgomery Street.
Contractor—Caahill Brothers, 206 Sansome Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street. \$60,000

ALTERATIONS

(493) 985 MARKET ST. Alter store.

Owner—Walgren Drug Co., premises.
Contractor—Henry Brown, 1387 East 32nd St., Oakland.
Architect—Not Given. \$ 2,159

ALTERATIONS

(493) 2431 MISSION ST. Alter market.
 Owner—Patrick Biggine, 2603 23rd St.
 Contractor—All-American Builders, Inc., 3131 Washington St.
 Architect—Not Given. \$1773

FACTORY

(494) W. SHOTWELL 100 S 16TH ST. One-story Class B Factory.
 Owner—Coxon Co., 404 Sixth St.
 Contractor—De Luca & Son, Inc., 1745 Filbert St.
 Engineer—C. Jefferson Sly, 251 Kearny St.
 Architect—Harold G. Stoner, 251 Kearny St. \$13,000

ALTERATIONS

(495) 1215 YORK ST. Alter dwelling.
 Owner—Hannah H. Geandrat, Prem.
 Contractor—J. Polan, 3858 25th St.
 Architect—Not Given. \$1800

DWELLING

(496) W. 37TH AVE., 175 N KIRKHAM. One-story and basement frame dwelling.
 Owner—Claude T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3750

DWELLING

(497) W. 37TH AVE., 200 N KIRKHAM. One-story and basement frame dwelling.
 Owner—Claude T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3750

DWELLING

(498) N. BRENTWOOD, 397 W OF RIDGEWOOD AVE. Two-story and basement frame dwelling.
 Owner—A. E. Nelson, 400 Page St.
 Contractor—Golden Gate Constr. Co., 244 Kearny St.
 Architect—Not Given. \$3500

DWELLING

(499) NE VILLA TERR., 139 SE PEMBERTON PL. Two-story and basement frame dwelling.
 Owner—Fernando Nelson & Son, 2901 18th Ave.
 Architect—Not Given. \$6000

FRAMERS FLATS

(500) S. GREENWICH, 100 W OF BAKER ST. Two-story frame flats.
 Owner—M. Oseplan, c/o Contractor.
 Contractor—Edward Cornblum, 2200 47th Ave.
 Architect—Not Given. \$6000

APARTMENT HOUSE

(501) SE CHESTNUT AND RICHARDSON. Three-story and basement frame apartment house.
 Owner—Oliver M. Rousseau, 321 Kearny St.
 Engineer—Jas. H. Smith, 251 Kearny St.
 Architect—H. C. Baumann, 251 Kearny St. \$140,000

DWELLING

(502) N. 30TH ST., 205 E CHURCH. One-story and basement frame dwelling.
 Owner—Walter Schmidt, 25 Virgil St.
 Contractor—Schmidt Bros., 25 Virgil Street.
 Architect—Not Given. \$3100

DWELLING

(503) N. 30TH ST., 230 E CHURCH. One-story and basement frame dwelling.
 Owner—Walter Schmidt, 25 Virgil St.
 Contractor—Schmidt Bros., 25 Virgil Street.

DWELLING

(504) W. 33RD AVE., 200 N OF JUDAH. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(505) E. 34TH AVE., 200 N SANTIAGO. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(506) W. 34TH AVE., 225 S OF RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(507) W. 34TH AVE., 250 N SANTIAGO. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(508) SE 34TH AVE. AND RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(509) E. 36TH AVE., 75 S ULLOA ST. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(510) SE 36TH AND ULLOA STS. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(511) E. 34TH AVE., 175 N SANTIAGO. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(512) E. 36TH AVE., 125 S ULLOA ST. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(513) E. 36TH AVE., 100 S ULLOA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(514) E. 34TH AVE., 225 N SANTIAGO. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(515) W. 33RD AVE., 225 N JUDAH ST. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(516) E. 36TH AVE., 50 S ULLOA. One-story and basement frame dwelling.

Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(517) E. 36TH AVE., 150 S ULLOA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(518) E. 34TH AVE., 25 S ULLOA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(519) W. 34TH AVE., 250 S RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

DWELLING

(520) W. 34TH AVE., 200 S RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St.
 Architect—Not Given. \$3500

ALTERATIONS

(521) 33 KEARNY ST. Alter store.
 Owner—Levi Straus Realty Co., 98 Battery St.
 Contractor—A. P. Fisher, 111 Sutter St.
 Engineer—A. P. Fisher, 111 Sutter St.
 Architect—Not Given. \$1800

(522) E. 47TH AVE., 200 N FULTON ST. One-story and basement frame dwelling.
 Owner—Laurence Costello, 382 27th Ave.
 Architect—C. O. Clausen, 746 46th Ave. \$4000

ALTERATIONS

(523) NE DIVISADERO AND McALLISTER. Alter store and dwelling.
 Owner—Irma D. Danziger, 630 Leavenworth.
 Architect—Not Given. \$1000

DWELLING

(524) N. ULLOA, 100 W WAWONA. Two-story and basement frame dwelling.
 Owner—Chas. W. Dullea, c/o Contractor.
 Contractor—J. S. Malloch, 666 Mission St.
 Architect—Not Given. \$7000

DWELLING

(525) SW OAKDALE, 150 SE OF KEITH. One-story and basement frame dwelling.
 Owner—Michele Exposito, Prem.
 Architect—Not Given. \$4000

ALTERATIONS

(526) 2004 MISSION ST. Alter restaurant.
 Owner—Neider & Norwood, Prem.
 Contractor—Berg Bros., 854 35th Avenue.
 Architect—Con. T. Kett, 519 California St. \$6000

DWELLING

(527) NW BAY AND LEAVENWORTH. One-story and basement frame dwelling.
 Owner—Oliver M. Rousseau, 321 Kearny St.
 Architect—Not Given. \$8000

ALTERATIONS

(528) SPEAR AND HARRISON STS. Alter warehouse.

Owner—Santa Fe Railway Co., 1001 Third St.
Contractor—Wm. A. Rainey & Son, 323 Clementina St.
Architect—Not Given. \$1000

SERVICE STATION
(529) SE GEARY AND ARGUELLO BLVD. Steel service station.
Owner—Standard Oil Co., 225 Bush Street.
Architect—Not Given. \$6000

SERVICE STATION
(530) NE FLK AND GOLDEN GATE AVE. Service station.
Owner—Tide Water Assoc. Oil Co., 79 New Montgomery.
Architect—Not Given. \$11,425

SERVICE STATION
(531) NE 24TH AND NOE STS. Service station.
Owner—Tide Water Assoc. Oil Co., 79 New Montgomery St.
Architect—Not Given. \$4800

ALTERATIONS
(532) 487 MINNA ST. Alter rooming house.
Owner—Josephine Werner, 535 Steiner St.
Architect—Not Given. \$1000

DWELLING
(533) SW MORAGA AND 21ST AVE. One-story and basement frame dwelling.
Owner—B. Zimmerman, 1342 11th Avenue.
Architect—Not Given. \$5500

ALTERATIONS
(534) 2515-17 SCOTT ST. Alter apts.
Owner and Contractor—R. J. Baker, 2845 Washington St.
Architect—Not Given. \$1500

ALTERATIONS
(535) 135 POST ST. Alter stores.
Owner and Contractor—Barron Estate Co., 135 Post Street.
Architect—Not Given. \$2,000

DWELLING
(536) W 41st AVE. 100 N Kirkham. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$3,000

DWELLING
(537) W 41st AVE. 150 N Kirkham. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$3,000

DWELLING
(538) W 41st AVE. 125 N Kirkham. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$3,000

DWELLING
(539) W 15th AVE. 298 N Ortega. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(540) W 15th AVE. 331 N Ortega. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000

ALTERATIONS
(541) 545 POWELL ST. Alter club.
Owner—Family Club, 545 Powell St.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

Architect—Miller and Pflueger, 550 Market Street.
Engineer—W. S. Huber, 1 Montgomery Street. \$30,000

SERVICE STATION
(542) NW CARL and Stanyan Sts. Steel service station.
Owntr—Jas. McKinley, premises.
Contractor—John Munson, 2419 15th Street.
Architect—Not Given. \$2,500

DWELLING
(543) E 24th AVE. 330 N Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Son, 2901 19th Avenue.
Architect—Not Given. \$4,750

ALTERATIONS
(544) 193 FREMONT ST. Alter restaurant.
Owner and Contractor—O'Dair and Eddy, 160 Eddy Street.
Architect—Not Given. \$1,000

DWELLING
(545) E 24th AVE. 315 N Noriega. One - story and basement frame dwelling.
Owner—Roth-Meyer, 378 19th Ave.
Contractor—Wm. Roth, 378 19th Ave.
Architect—Not Given. \$4,000

DWELLING
(546) SE ROME 52 SW Mt. Vernon. One - story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$3,500

DWELLINGS
(547) SE ROME 101, 126, 151, 177, 202, 227, 253, 278, 303, 328, 353 SW Mt. Vernon Ave. Eleven 1-story and basement frame dwellings.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$3,000 each

DWELLING
(548) SE ROME 27 SW Mt. Vernon. One - story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$3,500

DWELLING
(549) SE ROME 77 SW Mt. Vernon. One - story and basement frame dwelling.
Owner and Builder—Stoneson Brs., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$3,500

DWELLING
(550) E LAGUNITAS DR. 227 NE Ocean Ave. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$5,500

DWELLING
(551) SE LAGUNITAS DR. 273 NE Ocean Ave. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$5,500

DWELLING
(552) SE LAGUNITAS DR. 327 NE Ocean Ave. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny Street. \$5,500

DWELLING
(553) N LOS PALMOS DR. 88 East Burlwood. One-story and basement frame dwelling.
Owner—James B. and B. Williams 137 Shakespeare.
Contractor—Williams Const. Co., 3369 22nd Avenue.
Architect—Not Given. \$5,000

DWELLING
(554) N LOS PALMOS DR. 129 East Burlwood. One-story and basement frame dwelling.
Owner—James B. and B. Williams 137 Shakespeare.
Contractor—Williams Const. Co., 3369 22nd Avenue.
Architect—Not Given. \$5,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
688	No. Owner	Contractor	Amt.
688	Gasha	Owner	3000
689	Minney	Patterson	3500
690	Stein	Sherwood	700
691	Costello	Schmeck	1435
692	Dahlstrom	Haulman	6000
693	Daily	Owner	3400
694	Logan	Duncan	11000
695	Lurie	Cahill	16000
696	Murphy	Waring	4000
697	Person	Waldman	3500
698	Reeves	Nicholson	13121
699	Pearce	Owner	1500
700	Pearce	Owner	3500
701	Harper	Hill	3500
702	Huddleson	Owner	1000
703	Moen	Owner	3500
704	Rapp	Tollefsen	5000
705	Wertz	Wright	1800
706	Glines	Owner	3650
707-8	Weston	Owner	2700
709	Don	Flagg	3500
710	Comper	Haulman	5000
711	Gahrett	Pfrang	4500
712	Giangoia	Cisero	5000
713	Gilherd	Malott	6000
714	Haller	Owner	6000
715	Zerga	Rose	1500

DWELLING
(688) 3526 DAVIS ST., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Thos. C. Casha, 2123 East 30th St., Oakland.
Architect—Not Given. \$3,000
Also 1-story garage, \$200.

DWELLING
(689) 1325 26th ST., OAKLAND. One-story 5-room dwelling.
Owner—David C. Minney, 2750 Park Blvd., Oakland.
Contractor — J. F. Patterson, 7621 Foothill Blvd., Oakland.
Architect—Not Given. \$3,500

DENTAL BLDG.
(690) 917 ALAMEDA, BERKELEY. One-story 10-room dental and medical building.

Owner—Dr. Jack L. Stein, 1498 Solano, Berkeley.
Contractor—F. E. Sherwood, 1359 Marin Ave., Berkeley.
Architect—Not Given. \$7,000

ADDITION
(691) 2941 MINNA ST., OAKLAND. Addition.
Owner—E. E. Costella, 2941 Minna St., Oakland.
Contractor — A. W. Schmeck, 3147 Herriott Ave., Oakland.
Architect—Not Given. \$1435

DWELLING
(692) 5211 HILLEN DR., OAKLAND. One-story 6-room dwelling.
Owner—G. H. Dahlstrom, 1465 63th Ave., Oakland.
Contractor—F. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given. \$6,000

DWELLING
 (93) 4000 REDDING ST., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—Chas. W. Dailey 3808 Redding St., Oakland.
 Architect—Not Given. \$3,400
 Also 1-story garage, \$250.

DWELLING
 (94) 1972 BYWOOD DR., OAKLAND. Two-story 7-rm. dwelling.
 Owner—Dr. Noble H. Logan, 1624 Franklin St., Oakland.
 Contractor—Geo. Duncan, 2523 78th Ave., Oakland.
 Architect—Not Given. \$11,000

MARKET
 (95) 2938 E 14th St., OAKLAND. One-story market.
 Owner—The Lurie Co., 333 Montgomery St., San Francisco.
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.
 Architect—W. D. Peugh, 333 Montgomery St., San Francisco. \$16,000

DWELLING
 (96) 647 CALDWELL RD., OAKLAND. One-story 4-room dwelling.
 Owner—Marie Murphy, 1600 Beach St., San Francisco.
 Contractor—Archie Waring, 3234 Prentiss St., Oakland.
 Architect—Not Given. \$4,000

DWELLING
 (97) 2519 TRUMAN AVE., OAKLAND. One-story 4-rm. dwelling.
 Owner—N. J. Person.
 Contractor—A. E. Waldman, 5409 Foothill Blvd., Oakland.
 Architect—Not Given. \$3,500

(98) 6015 ESTATES DRIVE, OAKLAND. Two-story 9-rm. dwelling.
 Owner—Dr. J. M. Reeves, 2708 Sunset St., Oakland.
 Contractor—D. W. Nicholson, 357 12th St., Oakland.
 Architect—Wm. E. Schirmer, 1106 Broadway, Oakland. \$13,121

DWELLING
 (99) 90 NORTHGATE, BERKELEY. Two-story 2-room frame dwelling and garage.
 Owner & Builder—G. G. Pearce, 2508 Haste.
 Architect—Not Given. \$1500

DWELLING
 (70) 2877 SHASTA, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner & Builder—G. G. Pearce, 2508 Haste.
 Architect—Not Given. \$3500

DWELLING
 (71) 2306 TIFFIN ROAD, OAKLAND. One-story 5-room dwelling.
 Owner—Elsa C. Harper, 2312 Tiffin Road.
 Contractor—Frank R. Hill, 3215 Fruitvale Ave.
 Architect—Not Given. \$3500

PLATFORM
 (72) 1175 5TH AVE., OAKLAND. Car-loading platform.
 Owner & Builder—E. E. Huddleson, 2201 Bywood Drive.
 Architect—Not Given. \$1000

DWELLING
 (73) 2369 109TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Ole Moen, 3201 Wyman St.
 Also 1-story garage, \$200.
 Architect—Not Given. \$3500

DWELLING
 (74) 4814 HARBORD DR., OAKLAND. Two-story 6-room dwelling.
 Owner—A. R. Rapp, 3773 Madrone Ave., Oakland.
 Contractor—C. Tollefsen, 1755 High St., Oakland.
 Architect—Not Given. \$5,000

ALTERATIONS
 (75) 2116 HOPKINS ST., OAKLAND. Alterations.
 Owner—Leroy D. Wertz, premises.
 Contractor—Wright and Gasfson, 3568 Kingston Ave., Oakland.
 Architect—Not Given. \$1,500

DWELLING
 (76) 1022 EVELYN, BERKELEY. One-story 5-room frame dwelling.
 Owner & Builder—Kenneth P. Gilnes, 652 Key Route.
 Architect—Not Given. \$3650

DWELLING
 (77) 501 STANNAGE, BERKELEY. One-story 5-room frame dwelling.
 Owner & Builder—John O. Weston, 1729 Grove St.
 Architect—Not Given. \$2700

DWELLING
 (78) 503 STANNAGE, BERKELEY. One-story 5-room frame dwelling.
 Owner & Builder—John O. Weston, 1729 Grove.
 Architect—Not Given. \$2700

DWELLING
 (79) 3363 KIWANIS ST., OAKLAND. One-story 5-room dwelling.
 Owner—William Don, Prem.
 Contractor—A. J. Flagg, 3743 Loma Vista Ave.
 Also garage, \$500.
 Architect—Not Given. \$3500

DWELLING
 (710) 4000 MAPLE AVE., OAKLAND. Two-story 6-room dwelling.
 Owner—G. A. Comper, 454 Weldon Street.
 Contractor—P. Royal Haulman, 1243 Broadway.
 Architect—Not Given. \$5000

DWELLING
 (711) 2231 5TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—W. P. Gahrett, 763 Alcatraz Ave.
 Contractor—C. J. Pfrang, 6364 Mystic St.
 Architect—Not Given. \$4500

DWELLING
 (712) 405 51ST ST., OAKLAND. 1-story 5-room dwelling.
 Owner—B. Giangola, 5225 Miles Ave.
 Contractor—John Cisero, 474 42nd St.
 Architect—Not Given. \$5000

ALTERATIONS
 (713) 580 GRAND AVENUE, OAKLAND. Alterations.
 Owner—F. M. Gilherd, 25 King Ave., Piedmont.
 Contractor—Earl M. Malatt, 269 Scene Ave., Piedmont.
 Architect—Not Given. \$6000

DWELLING
 (714) 6017 OCEAN VIEW DRIVE, OAKLAND. Two-story 7-room dwelling.
 Owner & Builder—Paul H. Haller, 6221 Buena Vista Ave.
 Architect—Not Given. \$6000

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
259	McKales	Aetna	5074
258	Pac. Gillespie	Barrett	19000
260	Cuneo	Carlin Constr.	1964
261	Heberer	Jensen	4020

CAR WASH BLDG.
 (258) NE PINE ST. and Van Ness Ave. Reconstruct. Plan No. 1 (car washing establishment).
 Owner—Pacific Gillespie Systems Inc NE Pine and Van Ness.
 Architect—Not Given.
 Contractor—Barrett & Hilp, 918 Harrison Street.

Filed Feb. 24, '38. Dated, Feb. 21, '38.
 Monthly payments of.....75%
 Usual 35 days.....25%
TOTAL COST, \$19,000
 Bond, \$19,000. Sureties, Fidelity and Deposit Co. of Maryland. Limit, 85 days. Plans and specifications filed.

SERVICE STATION
 (259) NW TURK and Hyde Streets. Construct service station.
 Owner—McKale's, Inc., Claus Spreckels Bldg.
 Architect—Not Given.
 Contractor—Aetna Const. Co., 1730 24th Ave.

Filed, Feb. 26 '38. Dated, Feb. 23, '38.
 On April 1.....75%
 On April 15.....75%
 Usual 35 days.....25%
TOTAL COST, \$5,074.00
 Limit, 50 days.

ALTERATIONS
 (260) 519 GREEN ST. Alteration to flat on 3-story frame building.
 Owner—G. Cuneo, 260 Chestnut St.
 Architect—Chas. E. J. Rogers.
 Contractor—Carlin Constr. Co., 147 10th St.

Filed Feb. 23, '38. Dated Feb. 26, '38.
 Completion.....\$1473
 Usual 35 days.....491
TOTAL COST, \$1,964.00
 Limit, 30 days. Plans and specifications filed.

ALTERATIONS
 (261) 697 THIRD ST. Alter restaurant and tavern.
 Owner—Chas. E. Heberer, premises.
 Architect—Martin A. Sheldon, Monadnock Bldg.

Contractor—G. P. W. Jensen & Sons, 320 Market Street.
 Filed, Mar. 1, '38. Dated, Feb. 25, '38.
 15th of each month.....70%
 Usual 35 days.....25%
TOTAL COST, \$4,020.50
 Bond, \$2050. Sureties, N. P. Anderson and James Ringrose. Limit, 30 days. Plans and specifications filed.

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
159	Williams	Stead	14625

DWELLING
 (159) NE COR. ARLINGTON Ave. and Santa Barbara Road, Berkeley. Two-story and basement frame dwelling.
 Owner—Lem Williams.
 Architect—J. W. Placheck, 511 Mercantile Trust Bldg, Berkeley.
 Contractor—Frank Stead, 3206 Boise St., Berkeley.

Filed, March 1, '38. Dated, Feb. 28, '38
 Monthly payments on the 1st of.....75%
 Usual 35 days.....25%
TOTAL COST, \$14,625.26
 Limit, 90 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	Offices
2.—Bonds	11.—Ice and Cold Storage Plants
3.—Churches	12.—Power Plants
4.—Factories and Warehouses	13.—Public Buildings, Fire Houses and Jails
5.—Flats	14.—Residences
6.—Garages and Service Stations	15.—Schools
7.—Federal Building	16.—Banks, Stores and Inns
8.—Club Buildings	17.—Theatres
9.—Hospitals	18.—Wharves & Docks
10.—Hotels	19.—Misc. Genl.
	20.—Misc. Supplies &

1—APARTMENTS

To Be Done By Day's Work.
APARTMENTS Cost, \$8,500
SAN FRANCISCO. SW 26th Ave. and Rivera St.
 Two-story and basement frame apt. building.
 Owner and Builder—S. A. Guinasso, 4021 California Street.
 Architect—Not Given. 1

Plans Being Figured—Bids Close
 March 9, 2 P. M.
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 3161 Mission St.
 Alterations to apartment house.
 Owner—Withheld.
 Architect—Albert Schroeffer, 241 Kearny Street.

Fred K. DuPuy, 110 Sutter Street, San Francisco, is figuring the plans and desires sub-bids on all portions of the work.

To Be Done By Day's Work
APARTMENT HOUSE Cost, \$14,000
SAN FRANCISCO. SE Chestnut & Richardson Streets.
 Three-story and basement frame apartment house.
 Owner & Builder—Oliver M. Rouseau, 321 Kearny St.
 Architect—H. C. Baumann, 251 Kearny St.
 Engineer—Jas. H. Smith, 251 Kearny St.

Plans Being Figured—Bids Close
 March 11, 4 P. M.
APARTMENTS Cost, \$.....
OAKLAND. Alameda Co., Cal. Lakeshore Ave.

Two-story frame and stucco apartment building, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Miller & Wernicke, 1700 Financial Center Bldg., Oakland.
 Plans are being figured by the following selected list of contractors:
 Jensen & Pedersen, 3443 Adeline St., Oakland.
 D. W. Nicholson, 357 12th St., Oakland.
 Albert A. Haskell, 255 Ridgeway Ave., Oakland.

Olaf Petersen, 3626 Rhoda Avenue, Oakland.
 A. Frederick Anderson, 1093 Longridge Road, Oakland.
 C. H. Thrans, 28 Home Place, Oakland.
 Carl Walstrom, 1447 Excelsior Avenue, Oakland.

3—CHURCHES

Completing Working Drawings
CHURCH Cost, \$40,000
SAN JOSE, Santa Clara Co., Calif.

50 South Fifth Street.
 New edifice to replace church recently destroyed by fire.
 Owner—First Christian Church.
 Architect—Blinder & Curtis, 25 West San Carlos St., San Jose.
 Bids will be asked in about two weeks.

Plans Being Figured—Bids Close
 March 14
CHURCH, ETC. Cost, \$30,000
EUREKA. Humboldt Co., Cal. 15th and H Streets.
 New church edifice, Guild Hall and parsonage.
 Owner—Christ Episcopal Church.
 Architect—Lewis P. Hobart, 525 Market St., San Francisco.

Plans are being figured by a selected list of contractors.
 Moore & Roberts, 693 Mission St., San Francisco, is figuring plans and desires sub bids on all portions of the work.

CONTRACT AWARDED
LOS ANGELES, Cal.—W. J. Schlitz 67 E. Highland Ave., Sierra Madre, awarded contract for a brick church building to be built at 232 S Hewitt St. for the Catholic Foreign Mission Society of America; Rev. Hugh Laverty, George Adams, 2430 Cascadia, Glendale, architect. 3

4—FACTORIES & WAREHOUSES

Additional Sub-Contracts Awarded
WAREHOUSE Est. Cost, \$100,000
SAN FRANCISCO. Beale and Bryant Streets.

Steel frame warehouse (wood and composition roof, wood piles, steel sash).

Owner—Matson Navigation Co., 215 Market Street.
 Structural Engineer—Kaj Trell, 580 Market Street.

Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Streets.
Core Test Cylinder—Robert W. Hunt Co., 251 Kearny Street.

Sub-contracts awarded previously reported February 21, 1938. * 4

Bids Opened
FACTORY Cost, \$.....
SAN FRANCISCO. Shotwell Street
 One-story Class B reinforced concrete factory bldg. (195x74.6-ft.) steel trusses.

Owner—Coxon Company.
 Architect—H. G. Stoner, 251 Kearny.
 Following bids were received for reinforcing and plain concrete, roofing, ventilators and skylights, and structural steel.

De Luca & Son, Inc., 1745 Filbert St., S. F. \$23,648
 Anderson & Ringrose, S. F. \$23,648
 Anderson & Ringrose, S. F. \$23,995
 Plumbing, electric wiring, steel sash, sprinkler system to be sub-let.

Contract Awarded
ALTERATIONS Cost, \$8500
SAN FRANCISCO. 500 Paul Avenue.
 Alter seed factory.
 Owner—Ferry-Morse Seed Co., 749 Front Street.
 Architect—Frederick H. Meyer, Kohl Building.
 Contractor—Geo. Wagner, 181 South Park. 4

Preparing Preliminary Plans
MFG. BLDG. Cost, \$40,000
SAN FRANCISCO. Main Street.

Two-story Class B reinforced concrete manufacturing building.
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny (9300)

Additional Sub Contract Awarded
WAREHOUSE Est. Cost, \$25,000
SAN FRANCISCO.

One-story and mezzanine reinforced concrete warehouse (100 x 175 feet), composition roof, wood roof trusses, steel sash, etc.

Owner—James C. Coughlin, 625 Branran Street.
 Engineer—Mack Perkins, 110 Sutter Street.

Contractor—Barrett & Hilp, 918 Harrison St.
 Painting—J. H. Devert, 960 Harrison St., San Francisco.
 Sub contracts previously awarded published Feb. 16, 1933.

Contract Awarded
FACTORY Cont. Pr., \$23,648
SAN FRANCISCO. W. Shotwell St., 100 S 16th St.

One-story Class B reinforced concrete factory bldg. (195x74.6 ft.), steel trusses.

Owner—Coxon Company.
 Architect—H. G. Stoner, 251 Kearny.
 Engineer—C. J. Sly, 251 Kearny St.
 Contractor—De Luca & Son—\$23,648.
 Other bids were (previously reported in error):

Anderson & Ringrose, S. F. \$23,995
 Cahill Bros. \$23,995
 Plumbing, electric wiring, steel sash, sprinkler system to be sub-let.

Sub Contracts Awarded
FACTORY Cost, \$15,000
STOCKTON, San Joaquin Co., Cal. 1850 S. McKinley Ave.

Factory building.
 Owner—Nehi Bottling Co., 121 East Fremont St.

Architect—Not Given.
 Contractor—T. E. Williamson, P.O. Box 93.

Plumbing and Sheet Metal—Arthur D. Ray, 735 E. Lafayette St.
 Brick and Stone Work—Ray W. Sturm, 1430 E. Walnut St.
 Lumber—San Joaquin Lumber Co., Scotts Ave. and Madison St.
 Mill Work—T. E. Williamson, P.O. Box 93.

Concrete—Elliott & Rossi, 312 S. Yosemite St.
 Reinforcing and Misc. Steel & Steel Sash—Kyle & Co., Inc., West's Lane.
 All of Stockton. 4

Contract Awarded
SHOP BLDG. Cost, \$8,500
SAN FRANCISCO. N Chestnut St., 103 W. Mason St.

One-story Class C shop.
 Owner—Scavengers Prot. Assn., 660 Chestnut Street.
 Architect—Not Given.
 Contractor—G. B. Delucchi, 4 Sharpe Place. 4

5—FLATS

Contract Awarded
FLATS (2) Cost, \$7,000 each
SAN FRANCISCO. N. Upper Terrace, 55 and 99 ft. W. of Buena Vista Ave.

Two two-story and basement frame flat buildings.
 Owner—Helgesson & Hine, c/o Contractor.

Architect—Not Given.
 Contractor—Roy A. Helgesson, 2695 23rd Ave. 5

To Be Done By Day's Work
LATS Cost, \$10,000
SAN FRANCISCO. E Stanyan, 216
S Geary Blvd.,
 Two-story and basement frame flats.
 Owner and Builder—Peder P. Johnsen, 157 Stanyan St.
 Architect—Not Given. 5

Plans Completed
LATS Cost, \$12,000
SAN FRANCISCO. W Alabama St.
 south of 25th St.
 Two 2-story frame flat buildings (5 rooms each) composition roofs, hardwood floors, tile baths, wood sash, etc.
 Owner—Joseph Formosa.
 Architect—H. C. Baumann, 251 Kearny Street.
 The owner will take general bids.

Plans Completed
LATS Cost, \$10,000
SAN FRANCISCO. S Anza Street 113
 E of 30th Avenue.
 Two-story frame flat building (tile and composition roof, hardwood floors, tile baths, wood sash, etc.)
 Owner—Mary McHugh.
 Architect—H. C. Baumann, 251 Kearny Street.
 Plans will be received by the owner from a selected list of contractors.

Plans Being Figured—Bids Close
 March 9, 4 P. M.
LATS Cost, \$.....
AKMORE HIGHLANDS, Alameda Co., Cal.
 Frame and stucco two-family residence; composition roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
 Plans are being figured by the following selected list of contractors:

- Mark Bristol, 1038 McKinley Ave., Oakland.
- Jensen & Pedersen, 3443 Adeline St., Oakland.
- D. W. Nicholson, 357 12th Street, Oakland.
- Albert A. Haskell, 255 Ridgeway Ave., Oakland.
- Olaf Petersen, 3626 Rhoda Avenue, Oakland.
- Gaubert Brothers, 4735 Brookdale Ave., Oakland.

GARAGES & SERVICE STATIONS

Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO. NW Turk and Hyde Streets.
 New steel gasoline service sta. (No. 23).
 Owner—McKale's, Inc.
 Contractor—Aetna Const. Co., 1730 24th Ave.

Kuchel & Sievers Electric Works, d., 468 Fifth St., awarded contract for electrical work, and Michel and Deffer Iron Works, Inc., 10th and Harrison Sts., awarded steel work.

LOW BIDDER
LONG BEACH, Cal.—Schoenberger Bros., 1640 Obispo Ave., Long Beach, submitted the low bid for the construction of a 2-story reinforced concrete office building, 50x150 ft. and frame and stucco garage, 30x100 ft., at the corner of American Ave. and Cameron St., Long Beach, for plumberger Well Surveying Corp. Francis H. Gentry, structural engineer, Jergins Trust Building, Long Beach. 6

Contract Awarded
FLATS Cost, \$8,000
SAN FRANCISCO. W. Greenwich, 100 ft W Baker St.
 Two-story frame flat building.
 Owner—M. Oseplan, c/o Architect.
 Architect—Not Given.
 Contractor—Edward Cornblum, 2200 47th Ave. 6

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 7th Avenue and Lincoln Way.
 Alterations to gasoline service station.
 Owner—Standard Oil Company.
 Plans by Engr. Dept. of Owner.
 Contractor—Barrett & Hilp, 918 Harrison St.

To Be Done By Day's Work
SERVICE STATION Cost, \$11,500
SAN FRANCISCO. NE Polk St. and Golden Gate Ave.
 Steel gasoline service station.
 Owner and Builder—Tide Water Associated Oil Co., 79 New Montgomery Street.
 Plans by Engr. Dept. of Owner. 6

To Be Done By Day's Work
SERVICE STATION Cost, \$6000
SAN FRANCISCO. SE Geary Blvd. and Arguello Blvd.
 Steel gasoline service station.
 Owner and Builder—Standard Oil Co.
 Plans by Engr. Dept. of Owner. 6

7—FEDERAL BUILDINGS

Contract Awarded
STORAGE BUILDING Cost, Pr., \$139,444
MARE ISLAND, Solano Co., Cal.
 Construction of paint and oil storage building at the Navy Yard, Mare Island; Spec. 8595. Work includes wood piles, reinforced concrete construction, structural glass blocks, steel and iron work, built-up roofing, sheet metal work, metal doors and windows, marble work, and plumbing, heating and electrical systems.
 Owner—U. S. Government, Bureau of Yards and Docks, Navy Dept., Washington, D. C.
 Contractor—De Luca & Son, Inc., 1745 Filbert St., San Francisco.

CONTRACT AWARDED
RIVERSIDE and Kern Cos., Cal.
Eser Wikholm. 656 1/2 S. Western Ave., Los Angeles, was awarded the contract by the Farm Security Administration, 227 Wells Fargo Bldg., San Francisco, at \$140,000 for furnishing all labor and materials for performing all work for the construction of 80 residential units and utilities, consisting of electric and water distribution lines, sewage facilities, and roads; 40 units and utilities on the Shafter Tract, Kern Co., Shafter; 40 units and utilities on the Coachella Tract, Riverside County, Coachella, both tracts being a part of the California Migratory Labor Camps Project.

BIDS OPENED
REDDING, Shasta Co., Cal.—C. R. Collins, Seattle, at \$4,552 fob railroad, submitted low bid to the War Dept., Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the fabrication of 3 portable demountable buildings for CGC Camp No. F-27, Big Bar, Railroad, Redding.
 Complete bids follow:
 C. R. Collins, Seattle, (1) fob railroad, \$4,552; (2) fob shipping point, \$3,498.
 Prefabricated Const., Inc., Seattle, (1) \$4,734; (2) \$3,396.
 Western Pine Mfg. Co., Spokane: (1) \$5,335.74; (2) \$4,376.86.

G. H. Buckler, Portland, (1) \$5,388.54 (2) \$4,634.16.
 R. H. Altematt, Redding, (1) \$7500; (2) \$7500.
 Carlton Lbr. Co., Portland, (2) \$3900.

BIDS OPENED
CROW AGENCY, Montana.—M. R. Calderwood, Hardin, Mont., at \$824.54 submitted low bid to the Quartermaster, Ninth Corps Area, Presidio, San Francisco, under Bid No. 59-38-2, for the construction of a reinforced concrete pump house together with connections to existing water mains at Custer Battlefield National Cemetery, Crow Agency, Mont.
 Other bids were:
 S. J. Daniel, Glendive Mon., \$1,184.00
 Norge Intermountain Co., Salt Lake City, Utah, 1,519.84

BIDS OPENED
CROW AGENCY, Mont.—Wyoming Electric Supply Co., Sheridan, Wyo., at \$1379 submitted low bid to the Quartermaster, Ninth Corps Area, Presidio, San Francisco, under Bid No. 59-38-3, for furnishing and installing pump, electric wiring and power line extension at Custer Battlefield National Cemetery, Crow Agency, Mont.
 Complete bids follow:
 Wyoming Elec. Supply Co., \$1,376.00
 D. M. Manning, Hysham, Montana, 1,786.00
 Yellowstone Elec. Co., Billings, Mont., 1,707.18
 M. R. Calderwood, Hardin, Montana, 2,071.38
 American Elec. Const. Co., San Francisco, 2,298.00

Low Bidders
POST OFFICE Cost, \$.....
AUBURN, Placer County, Calif.
 New U. S. Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
 Low Bidder—Lembiks Const. Co., 324 North St., Albuquerque, N. M., \$50,500.
 Second and third low bids were:
 James I. Barnes Const. Co., Santa Monica, \$53,500
 L. F. Dow Co., Los Angeles, 55,927

BIDS REJECTED
MARE ISLAND, Solano Co., Cal.—The Bureau of Yards and Docks, Navy Dept., Washington, D. C., rejected all bids received Feb. 16 for steel caisson gate with motor-operated pumps and piping for the Navy Yard, Mare Island, Calif. Spec. No. 8518.
 Moore Dry Dock Co., San Francisco, at \$186,110, submitted previous low bid.

BIDS OPENED
SAN FRANCISCO.—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco, at \$1,788, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for rubber tile floors in court rooms at the U. S. Post Office and Court House at San Francisco.
 Complete bids follow:
 Turner Resilient Floors, Inc.—\$1,788.
 D. A. Pancoast Co.—\$1,994.
 Peterson-Cobby Co.—\$2,097.
 D. N. & E. Walter Co.—\$2,114.50.
 Van Fleet-Freear Co.—\$2,203.
 D. E. Crowley Flooring Co.—\$2,212.
 Higgins Co., Oakland—\$2,493.
 American Art Tile Co.—\$2,530.
 All of San Francisco, unless otherwise noted.

Sub-Contracts Awarded
POST OFFICE Cont. Pr., \$54,974
PACIFIC GROVE, Monterey Co., Cal.

United States Post Office.
Owner—U. S. Government.
Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Contractor — K. E. Parker Co., 135 South Park, San Francisco.

Roofing—Wm. J. Hennings, 122 15th St., Pacific Grove.

Electric Work—Langlais Electric Co., 218 Forest St., Pacific Grove.

Painting—A. A. Zelinsky & Son, Inc., 911 Folsom St., San Francisco.

Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.

Miscellaneous and Ornamental Iron—Standard Iron & Wire Works, Minneapolis, Minn.

Hardware—Sargent & Co., 3862 San Pablo Ave., Oakland.

New Bids Wanted—To Close March 29, 1 P. M.

REMODELING Cost, \$150,000
PHOENIX, Arizona.

Remodel U. S. courthouse, etc. (including elevators).

Owner—U. S. Government.
Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Plans and specifications obtainable from the above office. 7

COMPLETE BIDS

BAKER, Oregon.—Dixie Const. Co., Montgomery, Ala., at \$12,421 submitted low bid to the Department of Commerce, Bureau of Purchase and Sales, Washington, D. C., under Prop. 28963, for construction of radio facility buildings and erection of radio towers near Baker, Oregon.

Complete bids follow:

Dixie Const. Co., Montgomery, Ala.	\$12,421.00
Nick G. Gordin, L. A.	12,521.00
Albert Mangs & Asso., S. F.	12,610.00
Cont. Sales Co., Portland.	12,800.00
M. E. Southers, Inc. St. Paul Minn.	12,892.00
Draper & Schanche, Roanoke, Va.	13,008.50
C. C. Worthington, Cheyenne, Wyo.	13,520.50
L. H. Hoffman, Portland.	15,731.00
Wickes Engr. & Const. Co., Des Moines, Iowa.	16,931.00
Wm. C. Schmidt, Portland.	17,321.00
A. Ritchie Co., Boser, Ore.	19,075.18
Pacific Riggers, Portland.	15,617.65
Underground Const. Co. Berkeley, Calif. (Sched. 1 only)	9,306.50

BIDS OPENED

KEISO, Wash.—Central Nebraska Millwork Co., 121 S. Denver Street, Hastings, Nebraska, at \$165 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing bulletin boards and finishing work for window grilles.

Complete bids follow:

Central Nebraska Millwork.....	\$165
Central Millwork Co., Kelso.....	178
J. E. Sjostrom Co., Philadelphia..	198
Nick Hemminga, San Francisco..	350
Imperial Bronze Co., Washington, D. C.	467

BIDS WANTED

SANTA BARBARA, Calif.—Until March 25, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for fence, curbs, etc., at the U. S. Post Office at Santa Barbara.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Santa Barbara.

BIDS OPENED

SAN FRANCISCO.—The General Fireproofing Co., Mills Bldg., Washington, D. C., at \$2,748 submitted the low bid to Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal shelving and electrical work at the Federal Office Bldg., San Francisco.

Other bids were:

Workey & Co., Pico, Cal.	\$3,680
W. G. West Co., S. F.	4,798
W. R. Ames Co., S. F.	5,550

BIDS OPENED

CROW AGENCY, Mont.—Wilbur S. Fish, Hardin, Mont., at \$1,453.14 submitted low bid to the Quartermaster, Ninth Corps Area, Presidio of San Francisco, under Bid No. 59-38-5, for furnishing and installing of steam heating plant at Custer Battlefield National Cemetery, Crow Agency, Montana.

Other bids were:

Arnold H. Graf, Billings, Mont.	\$1,510
D. M. Manning, Hysham, Mont.	1,865

Bids Wanted—To Close April 1.

VAULT Est. Cost, \$220,000
SAN FRANCISCO. U. S. Mint, Duboce Ave. and Market St.

Additional storage vault approx. 158 ft. long, 66 ft. wide and 24 ft. deep with two decks and two elevators, to be sunk in present driveway; work involves excavation, ventilating system, etc.

Owner—U. S. Government.
Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

CONTRACT AWARDED

SAN FRANCISCO.—Fire Protection Products Co., 1101 16th St., San Francisco, at \$930 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing new floor hinges on exterior doors at the Federal Office Bldg., San Francisco.

CONTRACT AWARDED

MARE ISLAND, Solano Co., Cal.—Otis Elevator Co., 1 Beach St., San Francisco, at \$3,923 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 8661, for modernization of the electric elevator in Bldg. No. 71 at the Navy Yard, Mare Island.

BIDS WANTED

GLASGOW, Mont.—Until March 25, 1 p. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing one passenger elevator in the U. S. Post Office and Court House at Glasgow, Mont.

Specifications and drawings (if any) may be obtained from the above office.

CONTRACT AWARDED

SAN DIEGO, Cal.—Walter Barber, P. O. Box 1525, San Diego, at \$670 awarded contract by Public Works Officer, Bureau of Yards & Docks, Washington, D. C., for alterations to sinks and drainboards at the 11th Naval District (Hospital), San Diego, under Spec. 8611. 7

CONTRACT AWARDED

SEATTLE, Wash.—R. A. Neuman, McMinnville, Ore., at \$4,100 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Federal Office Bldg. at Seattle. 7

8— CLUB BUILDINGS

Plans Being Figured—Bids Close March 2, 4:00 P. M.

BOWLING HALL Cost, \$.....
MERCED, Calif.

One-story concrete or hollow tile and concrete building (50 x 15 ft.), containing eight bowling alleys, pool room, and restaurant.

Owner—Forest Harris, 5 20th Street, Merced.

Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans are now being figured by a selected list of contractors.

Contract Awarded
ALTERATIONS Cost, \$30,000
SAN FRANCISCO. 545 Powell St.

Alterations to club building.
Owner—The Millier Club.

Architect—Miller & Plueger, 58 Market St.

Engineer—W. S. Huber, 1 Montgomery St.

Contractor—G. P. W. Jensen and Sons, Inc., 320 Market St.

9— HOSPITALS

CONTRACT AWARDED

MENDOCINO, Cal.—E. A. Cornely, Inc., 1452 Bush St., San Francisco, at \$145,000 was awarded contract by State Architect George B. McDougall, Public Works Building, Sacramento, for automatic combustion control in the boiler plant at Mendocino State Hospital.

Bids Wanted—To Close March 14, 11 A. M.

ADDITION Cost, \$.....
SANTA CLARA, Santa Clara Co., Calif. Los Gatos Road.

One-story frame wing addition to the Santa Clara County Hospital to provide room for 31 beds.

Owner—County of Santa Clara.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

As previously reported, plans and specifications may be obtained from the architect's office upon deposit of \$10.00.

Bids will be opened in the Chamber of the Board of Supervisors in the courthouse.

Plans being figured by the following selected list of contractors:

F. C. Stolte Co., 203 Pine Street, Pacific Grove.

J. C. Monk & Son, 45 Tait Avenue, Los Gatos.

Dan Caputo, 401 Illinois Ave., San Jose.

Bridges Const. Co., 1398 Lincoln Ave., San Jose.

E. M. Vukitchevich, 666 Mission St., San Francisco.

Nielsen & Erbenrutt, 201 South Market St., c/o Builders' Exchange, San Jose.

Frank Nevis, 891 Harrison Street, Santa Clara.

Bids Opened
GROUND LIGHTING Cost, \$.....
CAMARILLO, Ventura County, Cal.

Camrillo State Hospital.

Erection and completion of electric ground lighting at the state hospital consisting of street lighting standards, concrete bases, conduit, cable, wire and illumination.

Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low Bidder—J. O. Baerle, 8952 Ellis Ave., Los Angeles—\$5,757.57.

Complete bids follow:

H. O. Baerle, L. A. \$5,757.57
Chandler Electric Co., L. A. 6,090.00

Underground Constr. Co., Oakland 6,497.00

Coast Electric Co., Long Beach	6,460.00
Collins Electric Co., Stockton (Added \$284 by wire.)	6,677.00
L. Rosenberg Co., Oakland	7,794.00

0— HOTELS

Bid Opening Date Postponed Until March 7, 3 P. M.
ALTERATIONS & ADDITIONS

MORGAN HILL, Santa Clara Co., Calif. Skeel's Hotel.
General alterations and additions to hotel, including new store, tap-room, bedrooms, baths, etc.
Owner—Larry Skeels, c/o Archt.
Architect—Higgins & Root, Chester Root, Architect, Security Bldg., San Jose.

Plans are being figured by the following selected list of contractors:
William Radke, 145 Sixth Street, Gilroy.

Hanson Brothers, 5840 Mission St., San Francisco.
G. M. Latta, 157 Rhodes Court, San Jose.

Bridges Constr. Co., 1398 Lincoln Ave., San Jose.
N. J. Nielsen, 201 S. Market St., San Jose.

Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Opening date postponed from February 28.

12— POWER PLANTS

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Clinton Constr. Co. of California, 923 Folsom St., at \$70,950, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. 19-110, for construction of a primary digester for the Richmond-Sunset Sewage Treatment Plant, a PWA project.

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—G. W. Wilkerson, Fresno, at \$2,497 awarded contract by the County of Fresno for painting portions of the Fresno County Courthouse. 13

Planned
EXHIBIT BLDG. Cost, \$200,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building.
Owner—Hawaiian Territorial Fair Committee (Sherwood M. Lowrey, Chairman).
Architect—Institute of Architects, Honolulu.

Preparing Working Drawings
DETENTION HOME
Est. Cost, \$25,000 to \$30,000
MODESTO, Stanislaus Co., Calif.
One-story all reinforced concrete detention home (approx. 30x125 ft.).
Owner—County of Stanislaus.
Architect—G. N. Hübner, 1211 K St., Modesto.

Contracts Awarded
MAINTENANCE & EQUIPMENT BUILDINGS Cont. Pr., \$47,548
SAN DIEGO, Cal. Division of Highways, District 11.

Erection and completion of five highway maintenance and equipment buildings consisting of a maintenance office bldg., maintenance and equipment shelter, equipment shop, and two gasoline stations.
Owner—State of California, Division of Highways, District 11.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Contractor—H. H. Peterson, 3788 W. Atlantic St., San Diego.
Fred A. Heilbron, 1446 5th Ave., San Diego, at \$5,296, awarded contract for mechanical work, and Coast Electric Co., Long Beach, at \$4,030, awarded contract for electrical work.

BIDS WANTED
YERBA BUENA SHOALS.—Until March 11, 3 P. M., bids will be received by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco, for furnishing and distributing fertilizer at Yerba Buena Shoals. Contract No. 1.5.
Specifications obtainable from the above office upon deposit of \$20.00

Contracts Awarded
ASSEMBLY BUILDING AND DAIRY EXHIBIT BUILDING
Cost, \$.....

SACRAMENTO, Sacramento County. Agricultural Park.
Erection and completion of the Assembly Building, containing an assembly hall seating approximately 1250, and various other incidental rooms combined in one building of reinforced concrete construction, brick veneer, structural steel, wood and concrete floors, wood roof deck, tile roof, and steel sash and erection and completion of a combination one- and two-story reinforced concrete dairy exhibit building with brick veneer, steel sash and tile roof.
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Sts., Sacramento.
Segregated contracts awarded as follows:

General Work
F. C. Amoroso & Sons, NE Keith and Wallace Ave., San Francisco\$127,977
Plumbing

M. R. Carpenter, 907 Front St., Sacramento\$9530

Electrical
Roy M. Butcher, 1020 Sherwood St., San Jose\$10,528

Heating and Ventilating
M. R. Carpenter, 907 Front St., Sacramento\$6209

Refrigeration and Butchers Supply Co., 1622-28 E 12th St., Oakland\$2,787

Planned
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of 1939 World's Fair.

Exhibit building to house exhibit of the Republic of Brazil.

Owner—Republic of Brazil, President Getulio Vargas.
Architect—Not Given.

Planned
EXHIBIT BLDG. Cost, \$500,000
YERBA BUENA SHOALS. Site of 1939 World's Fair.

Exhibit building to house Japanese exhibit.
Owner—Government of Japan.
Architect—Not Given.

Planned
ALTERATIONS & ADDITIONS
Est. Cost, \$125,000
SAN RAFAEL, Marin Co., Calif.

Court House.
Addition of two two-story wings on both sides of the present Hall of Records.

Owner—County of Marin.
Architect—N. W. Sexton, de Young Bldg., San Francisco, and Wm. Mooser, 244 Kearny St., San

Francisco.
Application will be made for a WPA grant of \$100,000.

Bids Opened
CITY HALL
DAVIS, Yolo Co., Calif. F St. One-story Spanish style City Hall, fire house and jail building, to house administrative offices and court room.

Owner—City of Davis.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—A. T. Beckett, 224 Seaside Ave., Piedmont—\$36,980.

General bids were received with the following alternates: (1) ded. for omitting linoleum and mastipave floor covering; (2) ded. for cement terra cotta tile letters around main front entrance, in lieu of terra cotta ceramic and colored stucco plaster ceilings in lieu of acoustical plaster and Crane Company's No. C-9060 wall hung drinking fountain in lieu of frigidaire type; (3) ded. for omitting flag pole, metal rack and plaster work from basement ceiling (except in heater room and stair hall), cement sidewalk (except runways from apparatus room), and if main front entrance doors are quarter-sawed oak.

Complete bids follow:
A. T. Beckett, Piedmont—\$36,980;
(1) \$494, (2) \$457, (3) \$939.

Lawrence Construction Co., Sacramento—\$37,703, (1) \$500, (2) \$550, (3) \$1060.

Charles F. Unger, Sacramento—\$37,980, (1) \$487, (2) \$700, (3) \$1143.

Earl Long Building Co., Napa—\$37,987, (1) \$543, (2) \$806, (3) \$1135.

Peter Sartorio, San Francisco—\$38,848, (1) \$495, (2) \$560, (3) \$988.

Peterson Construction Co., Sacramento—\$39,495, (1) \$518, (2) \$215, (3) \$1056.

Holdener Construction Co., Sacramento—\$40,387, (1) \$500, (2) \$640, (3) \$1000.

E. T. Leiter Sons, Oakland—\$40,867, (1) \$500, (2) \$587, (3) \$700.

J. P. Brennan, Berkeley—\$42,640, (1) \$490, (2) \$830, (3) \$2000.

Lewis & Clark, Oakland—\$43,262, (1) \$568, (2) \$719, (3) \$1230.

Contract Awarded
PLASTERING Cont. Pr., \$65,314
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering in East Courts at the Exposition site; Contract No. 123.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—M. J. King, 231 Franklin St., San Francisco.

Planned
MEMORIAL BUILDING
Est. Cost, \$15,000
RODEO, Contra Costa Co., Cal. Rodeo Ave.

New veterans' memorial bldg. Owner—County of Contra Costa.
Architect—Not Selected.

CONTRACT AWARDED
LANCASTER, Los Angeles Co., Cal.—W. E. Allen, 745 W. 14th St., Long Beach, at \$42,475, awarded contract by the L. A. County Supervisors for the memorial hall and office building to be built on the southwest corner of Tenth and Cedar Sts., Lancaster. 13

Bids Wanted—To Close March 11, 3 P. M.
PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of

the 1939 World's Fair.
 General plastering, East Walls and East Towers at the Exposition site; Contract No. 134.
 Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush Street.
 Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

Bids Wanted—T Close March 21, 3 P. M.

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 General plastering, Central Tower, at the Exposition site; Contract No. 153.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush Street.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

CONTACT AWARDED

SAN FRANCISCO—Lacquer Floor Service Co., 175 Seville St., at \$84.50 awarded contract by the Department of Public Works, Room 251, City Hall, for cleaning and applying two coats of Shasta lacquer to front, rear and vault of general office, Room 255, City Hall.

Contract Awarded

MODELS Cont. Pr, \$7,334
SAN FRANCISCO. Site of the 1939 World's Fair.

Enlarging and casting sculptural models for East Towers and East Walls at the exposition site; Contract No. 129.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Contractor—Wm. Metcalf, San Francisco.

NEW BIDS WANTED

YERBA BUENA SHOALS.—Until March 11, 3 P. M., new bids will be received by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.) 585 Bush St., San Francisco, for furnishing and delivering loam at Yerba Buena Shoals; Contract No. 140.

Specifications obtainable from the above office upon deposit of \$20.00.

Previous bids opened January 31 have been rejected. 13

14—RESIDENCES

To Be Done By Day's Work
RESIDENCES (17) Cost, \$4,000 ea.
SAN FRANCISCO. SE Rome, NW Mt. Vernon, and E Lagunitas, NE Ocean Ave.

Seventeen one-story and basement frame residences.

Owner & Builder—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not Given.

Contractor—Harold G. Stoner, 251 Kearny St.

To Be Done By Day's Work
RESIDENCES (5) Cost, \$3,500 ea.
SAN FRANCISCO. W. 41st Ave., N of Kirkham and W. 15th N of Ortega.

Five one-story and basement frame residences.

Owner & Builder—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$8,500
SAN FRANCISCO. N Greenwich St. 137 E Pierce St.

Two-story and basement residence.
 Owner—Mendo Corp., 1136 Clement.
 Architect—Not Given.
 Contractor—E. A. Janssen, 1136 Clement Street. 14

Plans Completed
RESIDENCES Cost, \$5,000 each
SAN FRANCISCO. Visitation Valley.

Two one - story and basement frame and stucco residences; hardwood floors, tile baths, wood sash, etc.
 Owner and Builder—The Ruegg Co., 369 Pine St.
 Architect — Albert H. Larsen, 333 Kearny St. (9307) 14

Preparing Preliminary Plans
RESIDENCE Cost, \$8,500
SONORA, Tuolumne Co., Calif.

One - story frame and stucco residence (7 rooms, two baths) rigid asbestos roof, hot air heating system, hardwood floors, wood sash, etc.

Owner—Mr. Holman, c/o Architect.
 Architect—E. G. Ernst, 561 E. Harding Way, Stockton. (2630) 14

Low Bidder
RESIDENCE
OAKLAND, Alameda Co., Calif. Claremont Pines.

Two - story frame and stucco residence.

Owner—Mr. Graff, c/o Architect.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.

Low Bidder—D. W. Nicholson, 357 12th St., Oakland.

Plans Being Figured—Bids Close

About March 14
RESIDENCE Cost, \$.....
PALO ALTO, Santa Clara Co., Calif.

One-story rustic residence (5 rooms, 2 baths) wood shingle roof, hardwood floors, masonite baths, wood sash, etc.

Owner—Withheld.
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Following is a partial list of contractors figuring plans:
 Carlen Const. Co., 147 Tenth St., San Francisco.

L. M. Scott, 535 Frances St., Sunnyside.

To Be Done By Day's Work
RESIDENCES (17) Cost, \$4,000 ea.
SAN FRANCISCO. 33rd Ave. and Judah St., 34th and Santiago and 34th and Rivera.

Seventeen one-story and basement frame residences.

Owner & Builder—Standard Building Co., 1500 Judah St.
 Architect—Not Given. 14

Preparing Working Drawings
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif.

Two - story frame and brick veneer residence (9 rooms, 3 baths), shingle roof, hardwood floors; Colonial style.

Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Plans Being Figured
RESIDENCE Cost, \$.....
SAN FRANCISCO. Normandie Terrace, near Broadway.

Three-story frame, stucco and brick residence (12 rooms, 4 baths), part slate roof, hardwood floors, wood sash, etc.

Owner—Fred Benloff, c/o Archt.
 Architect — Hyman & Appleton, 68

Post St., San Francisco.
 Segregated bids are being received by the architects from a selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$7,500
SAN FRANCISCO. N. Ulloa, 100 ft W Wawona St.

Two - story and basement frame residence.

Owner—Chas. W. Dullea, c/o Contractor.
 Architect—Not Given.
 Contractor—J. S. Malloch, 666 Mission St. 14

To Be Done By Day's Work
RESIDENCE Cost, \$8,000
SAN FRANCISCO. NW Bay and Leavenworth Streets.

One - story and basement frame residence.

Owner & Builder—Oliver M. Rousseau, 321 Kearny St.
 Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Claremont Pines.

Two - story frame and stucco residence.

Owner—Mr. EeEneany, c/o Architect.
 Architect—Masten, Hurd & Roeth, 442 Post St., San Francisco.

Contractor—C. M. Teigland, 525 49th St., Oakland.

Bids In—Held Under Advice
RESIDENCE Cost, \$.....
SAN FRANCISCO. Chestnut St. and Montclair Terrace.

Three-story frame and stucco residence (10 rooms, 3 baths), composition roof, hardwood floors, tile baths, wood sash, gas heating system, etc.

Owner—W. P. Dasher, c/o Architect.
 Architect—G. A. Calley, 210 Post St.

Contract Awarded
RESIDENCE Cost, \$8,000
PALO ALTO, Santa Clara Co., Calif. 2375 Byron Street.

One-story frame residence and garage.

Owner—C. A. Connor, Menlo Park.
 Architect—Not Given.

Contractor—Stedman and Stedman, 2280 Byron St., Palo Alto. 14

Bids In—Held Under Advice
RESIDENCE Est. Cost, \$7,000
ORINDA, Alameda Co., Calif.

One-story residence (5 rooms).
 Owner—Withheld.

Architect — Williams & Wastell, 337 17th St., Oakland.

Contract Awarded
RESIDENCE Cost, \$25,537
WOODSIDE, San Mateo Co., Calif. Mtn. Home Road.

New residence.

Owner—G. Willard Somers, c/o Architect.

Architect—L. I. Nichols, 532 Emerson St., Palo Alto.

Contractor—G. W. Williams Co., 10 California Dr., Burlingame. 14

Preparing Working Drawings
RESIDENCE Cost, \$14,000
SAN FRANCISCO. Monterey Hts.

Two-story and basement residence (7 rooms, 2 baths), English architecture, composition shingle roof, hot air heating system, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
 Architect — Albert H. Larsen, 333 Kearny St.

Contract Awarded
RESIDENCE Cost, \$9,000
PALO ALTO, Santa Clara Co., Calif.

250 Washington Ave.
 One-story frame residence and garage.
 Owner—C. Griffin, 519 Byron St.
 Architect—Not Given.
 Contractor—C. A. Pellymouner, 585 Bailey Ave., Mountain View, Cal. 14

Preparing Preliminary Plans
 RESIDENCE Cost, \$11,000
 SACRAMENTO, Sacramento County.
 Two-story frame and stucco residence (7 rooms) shingle roof, tile baths, hardwood floors, wood sash, etc.
 Owner—Withheld.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Preparing Working Drawings
 RESIDENCE Est. Cost, \$10,000
 OAKLAND, Forest Land Extension.
 Two-story rustic residence (6 rms.), shingle roof, hardwood floors, steel and wood sash, gas furnace, double garage.
 Owner—A. W. Helbush.
 Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.
 Upon completion of plans, segregated bids will be taken.

Work Underway
 RESIDENCE Est. Cost, \$10,000
 MORAGA ESTATES, Contra Costa County, Calif.
 One-story frame and wood residence (8 rooms), plaster interior, composition and shingle, or composition and shingle tile roof, hardwood floors, linoleum baths, wood sash.
 Owner—Withheld.
 Architect—Marshall Dean & John Hudspeth; Marshall Dean, Architect, 2104 Addison St., Berkeley.
 Contractor—H. G. Patrick, 1052 Nielsen St., Berkeley.

To Be Done By Day's Work
 RESIDENCE Cost, \$10,000
 WOODSIDE HEIGHTS, San Mateo Co., Cal. Lot 4 Bk 1, Eleanor Dr.
 Two-story frame residence.
 Owner and Builder—Gilbert Meese, 302 Elwood St., Redwood City.
 Architect—G. A. Dailey, 210 Post St., San Francisco.

Plans Completed
 RESIDENCE Cost, \$5,000
 SAN FRANCISCO, 17th Avenue and Kirkham Street.
 Two-story frame and stucco residence.
 Owner and Builder—A. Bernhardt, 924 Taraval Street.
 Architect—D. E. Jaekle, 126 Post St.

Plans Completed
 RESIDENCE Cost, \$6,000
 ROSS, Marin Co., Calif.
 One-story frame and stucco residence (5 rooms) wood shake roof hardwood floors, hot water heating system, hardwood floors, tile bath, etc.
 Owner—J. F. Welton, San Francisco.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work
 RESIDENCES Cost, \$6,000 ea.
 SAN FRANCISCO, NW Loraine Ct. and Anza and W Loraine Court 26 N Anza St.
 Two one-story and basement frame residences.
 Owner and Builder—Heyman Bros., 742 Market Street.
 Architect—Not Given. 14

Contract Awarded
 MEDICAL BLDG. Cost, \$7,500
 BERKLEY, Alameda Co., Calif. 917 Alameda Street.
 One-story frame residence (10 rms.).
 Owner—Dr. Jack L. Stein, 1493 So-

lano St., Berkeley.
 Architect—Not Given.
 Contractor—F. E. Sherwood, 1359 Marin Ave., Berkeley. 14

Contract Awarded
 RESIDENCE Cost, \$6,500
 OAKLAND, Alameda Co., Cal. 5211 Hillen Drive.

One-story frame residence (6 rooms)
 Owner—G. H. Dahlstrom, 1465 6th Ave., Oakland.
 Architect—Not Given.
 Contractor—P. Royal Haulman, 1243 Broadway, Alameda. 14

Contract Awarded
 RESIDENCE Cost, \$11,000
 OAKLAND, Alameda Co., Cal. 1972 Bywood Drive.

Two-story frame residence (7 rms.)
 Owner—Dr. Noble E. Logan, 1624 Franklin St., Oakland.
 Architect—Not Given.
 Contractor—Geo. Duncan, 2523 78th Ave., Oakland. 14

Contracts Awarded
 RESIDENCE Cost, \$.....
 ATHERTON, San Mateo Co., Calif. "Lindenwood."

One-story residence (9 rooms, three baths) knotty white pine in den, fireplaces, large court, fountains, etc., detached 2-car garage with maid's room and bath, landscape gardening.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 244 Kearny St., San Francisco.

The following segregated contracts have been awarded:
 Carpentry—Martin Peterson, 128 Lorton Ave., Burlingame.

Brick Work—Chas. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.

Roofing—L. D. Crowley, 108 California Drive, Burlingame.

Lumber—San Mateo Planing Mill Co. Corner 5th and Claremont, San Mateo.

Plastering—Frank Russell, 25 12th Ave., San Mateo.

Plumbing—A. H. Dittmann, 1109 California Drive, Burlingame.

Painting—Chas. Sankovich, 686 11th Ave., San Francisco. 14
 (7186) 1st report Feb. 24, 1938.

Contract Awarded
 RESIDENCE Cost, \$8,800
 PALO ALTO, Santa Clara Co., Calif. 124 Pitman Avenue.

One-story frame residence and garage.
 Owner—R. M. Price, 185 Santa Rita Ave., Palo Alto.
 Architect—Not Given.
 Contractor—John Christiansen, 250 Mariposa Ave., Palo Alto. 14

Contract Awarded
 ALTERATIONS Cost, \$3,725
 SAN FRANCISCO, 172 32nd Ave.
 General alterations to residence.
 Owner—Home Owners Loan Corp., 785 Market St.
 Plans by Owner.

Contractor—Harry Hansen, 1435 41st Ave. and Henry Nielsen, 637 Guerrero St., San Francisco.

Contract Awarded
 RESIDENCES (2) Cost, \$5,500 ea.
 SAN FRANCISCO, N. Los Palmos Dr., 88 and 129 ft. E. Burlwood.
 Two one-story and basement frame residences.

Owner—J. B. and B. Williams.
 Architect—Not Given.
 Contractor—Williams Constr. Co., 3366 22nd Ave. 14

15—SCHOOLS

CONTRACTS AWARDED
 EL MONTE, Los Angeles Co., Cal.—Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, awarded contract by the El Monte Union High School District, at \$50,874, for a library and cafeteria building, and Duff & Vandenboogen, 732 W. 14th St., Long Beach, at \$38,793, awarded contract for a science building to be built at the new high school plant. Contracts awarded subject to PWA approval. Marsh, Smith & Powell, architects, 508 Architects' Building, Los Angeles. 15

Plans Approved
 SCHOOL Est. Cost, \$50,000
 TRACY, San Joaquin Co., Calif., Easton Ave. bet. Parker and Holly Drive.
 New elementary school.
 Owner—Tracy Elementary Sch. Dist. (Henry A. McCrory, Clerk).
 Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
 Plans have been approved by the State Division of Architecture.

BIDS WANTED
 LOS ANGELES, Cal.—Until March 14, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro Street, for the construction of a reinforced concrete men's gym (80x140-ft.) at the Los Angeles Junior College, 855 N Vermont Ave. Separate bids will be taken as follows: General work; plumbing; heating; painting; electric wiring. Plans and specifications obtainable at the above address upon deposit of \$25. Estimated cost, \$90,000. Allison & Allison, architects, 1014 Edison Bldg.; F. N. Ropp, structural engineer; E. L. Ellingwood, mechanical engineer. 15

Commissioned to Prepare Plans
 AUDITORIUM Cost, \$.....
 DELANO, Kern Co., Cal.
 New auditorium to be built at the Cecil Avenue School, to seat 800 to 1000 persons.
 Owner—Delano Grammar School District.
 Architect—Ernest Kump, Haberfelde Bldg., Bakersfield.
 Work to be financed from funds on hand.

Revising Plans
 SCHOOL
 SAN JOAQUIN CO., Calif. Three miles north of Lodi (Huston Grammar School).
 One-story school building (5 classrooms and auditorium), tile roof.
 Owner—Huston Grammar School District.
 Architect—Victor Galbraith, 221 E. Acacia St., Stockton.
 Plans are being revised and will be forwarded to the State Division of Architecture shortly.

Bids Wanted—To Close March 24, 7:30 P. M.
 SCHOOL Est. Cost, \$50,000
 TRACY, San Joaquin Co., Cal. Easton Ave. bet. Parker and Holly Drive.
 New elementary school.
 Owner—Tracy Elementary Sch. District (Henry A. McCrory, Clerk).
 Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
 Plans and specifications may be obtained from the architect's office upon deposit of \$20.
 Bids will be opened in the office of the Central School, Tracy.

Preliminary Plans Approved
 SCHOOL Cost, \$75,000
 SPRECKELS, Monterey Co., Calif.

Spreckels Grammar School.
One-story frame and stucco grammar school building to contain seven classrooms and auditorium.
Owner—Spreckels School District.
Architect—William Henry Rowe, 351 California St., San Francisco.

Plans will be completed and bids asked in about two weeks.
The school district voted bonds, proceeds of which will finance construction.

Sub-Contracts Awarded
SCHOOL Cont. Pr., \$12,450
MADERA COUNTY, Calif.
One-story frame and stucco school building (wood shingle roof).
Owner—Ashview Grammar Sch. District.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Contractor—R. W. Brown Construction Co., 118 South K St., Madera.

Plumbing and Electric Wiring—Sanitary Plbg. Co., P. O. Box 937, Merced.
Mill Work—Madary Planing Mill, P. O. Box 622, Fresno.
Lathing & Plastering—W. F. Schmieberg, Fresno.
Heating and Sheet Metal—Sanitary Plumbing Co., Merced.

BIDS WANTED

SAN FRANCISCO—Until March 9, 7:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for laying mastipave in basement room at Girls' High School. Size, 17 ft. by 31 ft.

Specifications obtainable from Superintendent of Buildings R. A. Scherholm, 484 11th St.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Bureau of Building Repair, at \$161,56, was awarded contract by the Department of Public Works, City Hall, for general construction of the yard work at the Sheridan School, Capitol Avenue, between Lobos and Farallones Streets.

CONTRACT AWARDED

LOS ANGELES, Cal.—Baruch Corporation, 625 S. Olive St., awarded contract by Los Angeles Board of Education, at \$35,454, for partial construction of a 2-story reinforced concrete classroom building (147 x 60 ft.) at the Loreto St. School, 3403 Arroyo Seco Ave. Alfred W. Rea and Chas. E. Garstang, architect, 215 W. 6th St.; H. C. Whittlesey, structural engineer; Harold A. Stockly, mechanical engineer. 15

LOW BIDDER

SAN DIEGO, Cal.—C. F. Von Gunden, 4581 Delaware Ave., San Diego, will be awarded contract at \$40,000 by the San Diego Board of Education for construction of an 8-classroom addition to the Herbert Hoover High School, 4474 El Cajon Avenue. Kistner & Curtis, architects, Spreckels Theater Bldg., San Diego. 15

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Standard Fence Co., 440 Bayshore Blvd., at \$600, awarded contract by the Department of Public Works, Room 251, City Hall, for furnishing and installing window guards at Fairmount School, Chenery Street, between Randall and 30th Streets.

Contract Awarded
SCHOOL Cont. Pr., \$335,665
BURLINGAME, San Mateo Co., Cal.
Cor. Bayswater Ave. and Park Road
Two-story steel frame and reinforced concrete Saint Catherine's School

(8 classrooms, large auditorium) modified Gothic architecture.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Harry Lee, 220 California Drive, Burlingame, awarded contract for plumbing, H. R. Park, 1230 Broadway, Burlingame, awarded contract for heating.

Sub Contracts Awarded
KINDERGARTEN Cont. Pr., \$10,487
MERCED, Block 75, Cor. of L and 23rd Sts.
Construction of a kindergarten bldg.
Owner—Merced Union Grammar School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.

Contractor—C. B. Cameron & Sons, P. O. Box 244, Merced.
Roofing—H. C. Cronkite, Box 1015.
Plumbing, Electric Wiring, Heating, Sheet Metal—Sanitary Plumbing Co., P. O. Box 937.
Tile Work—Merced Tile Co., 663 14th St.
Glass, Lumber and Mill Work—Cross Lumber Co., Drawer L.
Hardwood Floors—Ed. LaSalle, 146 18th St.
Iron Grille Work—Kyle & Co., 346 G St., Fresno.

Brick and Stone Work—N. P. Blake-man & Son, Rt. 2, Box 136.
Hardware—Bedesen & McNamara, 637 L St.
Painting—Zierenberg & Son, 1121 K St.
Lathing and Plastering—Jack H. Shone, 11 18th St.
Concrete—Bill Bailey, Box 615.
All of Merced, unless otherwise noted.

Bonds Voted
ADDITIONS Cost, \$250,000
SALINAS, Monterey Co., Cal.
Addition of classrooms and gymnasium dressing rooms to the Junior College and addition of cafeteria and horticultural classroom to the agricultural building at the high school.
Owner—Salinas Union High School District.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
The Salinas Union High School District voted bonds Feb. 25 in the amount of \$250,000, proceeds to finance construction of junior college and high school additions.

BIDS WANTED

WASCO, Kern Co., Cal.—Until Mar. 15, 7:30 p.m., bids will be received by Wasco Union School District for furnishing and installing the following equipment, apparatus and furnishings: One dishwasher, 1 scullery sink and drainboard, 1 scullery washer counter, 2 steam tables, 2 service counters, 1 service table, 1 work table and sink, 1 gas range and backing, 1 water heater, 1 electric fan and housing, 1 refrigerating machine, 1 refrigerating cabinet, 1 ice water system, 2 water service fountains, 1 lot of benches and tables, 1 lot of cabinets and stands, 1 lot of window screens, and all steam, gas, water and other piping, also electric wiring required for the above. Plans and specifications obtainable from John Faxton Perrine, 323 Bank of America Building, Visalia, upon deposit of \$5, returnable. 15

BIDS WANTED

LONE PINE, Inyo Co., Cal.—Until March 12, 7:30 p.m., bids will be received by the Lone Pine Union High School District, Catherine Bonham, Clerk, for furnishing all labor, material, and transportation for seating, electric fixtures, curtains and draperies for the High School Auditorium building located at Lone Pine.

Plans and specifications on file with the clerk of the school district.
Bidding forms obtainable from the office of Orville L. Clarke, architect, Lone Pine. Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid.

CONTRACT AWARDED

EL CENTRO, Imperial Co., Cal.—Fred Smith, 512 S. 7th St., El Centro, awarded contract by the El Centro City Council, at \$30,138.50, for reconstructing and adding to the El Centro Library. Albert E. Hansen, architect, 832 S. Glendale Ave., Glendale. 15

BIDS OPENED

DAVIS, Yolo Co., Cal.—M. J. Reeves Heating Co., 959 Natoma Street, San Francisco, at \$11,936 submitted low bid to the Regents of the University of California at Berkeley, for supplying and installing auxiliary heating plant equipment in the heating plant at the University Farm, Davis.
Complete bids follow:
M. J. Reeves Htg. Co., S. F. \$11,936
M. R. Carpenter, Sacto. 12,064
The Scott Co., Oakland 12,473

Sub Contracts Awarded
SCHOOL Cont. Pr., \$97,688
TULARE, Tulare Co., Cal. Cherry Avenue School.

One-story reinforced concrete grammar school building to contain nine classrooms and cafeteria.
Owner—Tulare Grammar School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Contractor—Trehwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

Plumbing and Heating—Visalia Plbg. Co., 112 S. Bridge St., Visalia.
Electric Wiring—American Electric Construction Co., 462 Bryant St., San Francisco.

Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave., Fresno.

Glass—W. P. Fuller & Co., Los Angeles and M Sts., Fresno.

Lumber—Chapman Lumber Co. of Calif., 144 Spear St., San Francisco.

Mill Work—Fresno Planing Mill Co., H and Monterey Sts., Fresno.

Painting—Niel W. Jackson, 253 S. F St., Tulare.

Lathing and Plastering—Thomas S. Thomsen, 1426 S. La Brea Ave., Los Angeles.

Concrete—Ralph Utter, 520 S. O St., Tulare.

Plans Approved
MUSIC BLDG. Est. Cost, \$40,000
SALINAS, Monterey Co., Cal.
Addition of a one-story frame and stucco music building (approximately 75 x 100 feet), to contain a band room and twelve practice rooms at the high school.
Owner—Salinas Union High School District.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans have been approved by the State Division of Architecture and bids will be asked in about one week.

To Be Done By Day's Work
RESIDENCE Cost, \$6,500
 SAN FRANCISCO. W. Junipero
 Serra Blvd., 575 ft. N. Ocean
 Ave.
 Two-story and basement frame residence.
Owner & Builder—Stoneson Bros., 1
 Sloat Blvd.
Architect—Harold G. Stoner, 251
 Kearny St. 14

CONTRACTS AWARDED
REDLANDS, San Bernardino Co.,
 Cal.—O. K. Earl, Jr., 900 E. Poothill
 Blvd., Altadena, awarded contract by
 Redlands Board of Education at \$60,-
 400 for construction of a classroom
 building on the McKinley school site
 in Redlands. Other awards were:
Roof, Pioneer Floor & Roofing Co.,
 3067 Walnut, Riverside, at \$1390;
plumbing, Earl O. Stice Co., 2102 Col-
 orado Blvd., Los Angeles, at \$7827.
Marsh, Smith and Powell, architects,
 508 Architects' Bldg., Los Angeles. 15

LOW BIDDER
LOS ANGELES, Cal.—Baruch Cor-
 poration, 625 S Olive St., submitted
 low bid to Los Angeles Board of Edu-
 cation at \$35,454 for partial con-
 struction of a 2-story reinforced con-
 crete classroom building (147x60-ft.)
 at the Loreto Street school, 3403 Ar-
 royero Seco Ave. Alfred W. Rea and
 Chas. E. Garstang, architects, 215 W
 6th St.; H. C. Whittlesey, structural
 engineer; Harold A. Stockly, me-
 chanical engineer. 15

LOW BIDDER
EL CENTRO, Imperial Co., Calif.—
 Fred Smith, 512 S 7th St., El Centro
 submitted low bid to El Centro
 City Council at \$29,611, for recon-
 structing and adding to the El Centro
 library. Albert E. Hansen, archi-
 tect, 832 S Glendale Ave., Glendale. 15

Preparing Plans
RECONSTRUCTION Cost, \$.....
SAUSALITO, Marin Co., Cal.
 Reconstruction of Central School
 and addition of small manual
 training room and reconstruction
 of South School.
Owner—City of Sausalito.
Architect—Walter T. Stelberg, 85
 2nd St., San Francisco.
 The City of Sausalito School Dist.
 voted bonds Feb. 21 in the amount
 of \$30,000, proceeds to finance work.

COMPLETING PLANS
KERN CO., Cal.—Perrine & Mackie,
 Herbert E. Mackie, architect, 908
 Western Pacific Bldg., Los Angeles,
 are completing working plans for a
 4-classroom frame and stucco bldg.
 and a shop bldg. to be built at the
 Rosedale School in Kern County for
 the Rosedale Union High School
 District; a WPA project. Estimated
 cost, \$40,000. Also a 1-story cafeteria
 building to be built at the
 school (32 x 85 feet). Estimated
 cost, \$12,000. 15

Awards Recommended
SCHOOL BUILDINGS
CAMPBELL, Santa Clara Co., Cal.
 Second unit of addition to Campbell
 High School to consist of admin-
 istration bldg., auditorium bldg.
 and shop bldg.; fencing, paving,
 and construction of six tennis
 courts.
Owner—Campbell Union High School
 District.
Architect—H. H. Weeks, 593 Market
 St., San Francisco.
 Following awards recommended:
Administration Building
 Carl N. Swenson Co., 355 Stock-
 ton Ave., San Jose, at \$132,442, which
 includes deduction of Alternates 3c,

3e, 3g, 3i, and \$5,000 for landscaping.
Auditorium Building
 Nielsen & Erbentraut, 2015 Market
 St., San Jose, at \$52,153, which in-
 cludes deduction of alternates 4a, 4b,
 4c, 4d, 4e, 4f, 4h, and 4i.
 Bids received for shop building,
 tennis courts, fences and sidewalks
 were rejected.

CONTRACT AWARDED
LOS ANGELES, Calif.—Harry F.
 Miller, 7530 S. Hobart Blvd., Los
 Angeles, awarded contract by Los
 Angeles Board of Education, at \$46,-
 812, for construction of a 10-class-
 room and kindergarten building at
 the Ford Blvd. School, 1150 Ford
 Blvd., Belvedere Gardens. Harold
 S. Johnson, architect, 1001 Architects'
 Bldg.; Holmes & Narver, structural
 engineers; E. L. Ellingwood, me-
 chanical engineer. 15

Contract Awarded
MOVE SCHOOL Cont. Pr., \$3,994
NILES, Alameda Co., Calif. Second
 and School Streets.

Move 5-classroom frame and stucco
 building now on the site of the
 Niles Grammar School, approxi-
 mately 200 feet, and reconstruct
 on new foundations, to provide
 room for a new one-story school
 bldg. (approx. 62x125-ft.) contain-
 ing approx. five classrooms, two
 toilet rooms, administration office
 and auditorium to seat 400;
 (reinforced conc. footings, wood
 frame and stucco building, audi-
 torium will be steel frame and re-
 inforced concrete; tile roof). Est.
 cost, \$90,000.

Owner—Niles School District.
Architect—John J. Donovan, 950 Par-
 ker St., Berkeley.
Contractor—E. E. Dias, P. O. Box
 121, Niles.

Working drawings are now being
 completed and bids will be asked
 shortly for construction of the new
 school building.

Contract Awarded
SCHOOL oCbst, \$.....
SAN FRANCISCO, S Elizabeth St.
 138 E of Diamond St. (St. Philip-
 pps Parochial School.

Three-story reinforced concrete Class
 B school building to contain nine
 classrooms and cafeteria.

Owner—Roman Catholic Archbishop
 of San Francisco, 1100 Frankl-
 in. **Architect**—M. J. Rist, Phelan Bldg.
Structural Engineer—W. Adrian, 417
 Market Street.
Contractor—Barrett & Hilp, 918 Har-
 rison Street.

1c—BANKS, STORES AND OFFICES

Contract Awarded
OFFICE BLDG. Cost, \$9,000
SAN JOSE, Santa Clara Co., Calif.
 Lincoln at Coe Sts.
Office building.
Owner—G. H. Cain, 98 S. 13th St.
Architect—Not Given.
Contractor—Bridges Constr. Co., 1398
 Lincoln Ave. 16

To Be Done By Day's Work
MARKET Cost, \$12,000
SAN FRANCISCO, S. Williams Ave.
 130 ft. W. 3rd St.
 One-story Class C market bldg.
Owner & Builder—Louis Johnson,
 666 Mission St.
Architect—Not Given.
Engineer—H. A. Emmerick, 1280 In-
 diania St. 16

To Be Done By Day's Work
INDUSTRIAL BUILDING
 Estimated Cost, \$18,000
SAN FRANCISCO, Folsom and Jun-
 niper Streets.

One-story and mezzanine, reinforced
 concrete industrial bldg. (52x135
 ft.) tar and gravel roof.
Owner and Builder—Alfred H. Vogt
 Co., 250 11th Street.
Architect—Walter C. Falch, Hearst
 Building.
Engineer—C. W. Zollner, Ross Valley.

Preparing Preliminary Plans
STORE BLDG. Cost, \$.....
SAN LEANDRO, Alameda Co., Cal.
 Bancroft Ave. near Dutton Ave.
 New store building.
Owner—Mr. Martini, c/o architect.
Lessee—Safeway Stores, Inc.
Architect—Irwin M. Johnson, 2219 7th
 Ave., Oakland.

Being Done By Day's Work
REMODEL BLDG. Est. Cost, \$100,000
FRESNO, Cal. Dunn Block, Fulton
 and Kern Sts.
 Remodel interior and exterior of
 store building, add mezzanine
 floors, new basement, and re-
 move stairway.
Owner—Milo L. Rowell and Wm. F.
 Dunn.
Lessees—Neal's Silk Shop and
 Strauss' Apparel Store.
Architect—Franklin & Kump, Jr., T.
 W. Patterson Bldg., Fresno.

Contract Awarded
OFFICE, ETC. Cost, \$60,000
SAN FRANCISCO, S Howard St.
 155 W Second St.
 Two-story Class B office building
 and warehouse.
Owner—Wm. Volkes & Co., 333 Mont-
 gomery Street.
Architect—W. D. Peugh, 333 Mont-
 gomery Street.
Engineer—F. W. Kellberg, 320 Mar-
 ket Street.
Contractor—Cahill Bros., 206 San-
 some Street.

Sub Contracts Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO, NE Pine St. and
 Van Ness Ave.
 Alter car washing building.
Owner—Pacific Gillespie System, Inc.,
 79 New Montgomery St.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Har-
 rison St.
Electric Work—United Electric Con-
 struction Co., 544 Golden Gate
 Ave.
Plumbing—Scott Co., Inc., 243 Minna
 Street.
Reinforcing Steel—W. C. Hauck &
 Co., 280 San Bruno Ave.
Misc. Iron—F. E. Kern & Sons, 517 6th
 St.
 All of San Francisco.

Contract Awarded
MARKET Cost, \$16,000
OAKLAND, Alameda Co., Calif. 2838
 East 14th Street.
 One-story market building.
Owner—The Lurie Co., 333 Mont-
 gomery St., San Francisco.
Architect—W. D. Peugh, 333 Mont-
 gomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome
 St., San Francisco. 16

CONTRACTS AWARDED
SAN FRANCISCO—Anderson and
 Ringrose, 320 Market St., at \$93,542
 awarded general contract by the De-
 partment of Public Works, City Hall,
 for construction of the Boys' Gym
 building, Lowell High School, SW
 Masonic Ave. and Grove St.
Alta Electric & Mechanical Co.,
 Inc., 467 O'Farrell St., at \$17,920 was
 awarded contract for mechanical
 equipment and plumbing, and Cen-
 tre Electric Co., 179 Minna St., at
 \$4,708 awarded contract for elec-
 trical work.

Contract Awarded
ALTERATIONS Cost, \$6,000
SAN FRANCISCO. 2004 Mission St.
 Alterations to restaurant.
 Owner—Nelder & Norwood, Prem.
 Architect—Conrad T. Kett, 519 California St.
 Contractor—Berg Bros., 854 35th Ave. 16

Plans Completed
OFFICE BUILDING Cost, \$3,500
RICHMOND, Contra Costa Co., Cal.
 One-story frame general office building.
 Owner—Whithead.
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.
 Plans will be figured shortly by a selected list of contractors.

Contract Awarded
MEDICO-Dental Bldg. Cost, \$.....
SEBASTOPOL, Sonoma Co., Calif.
 One-story frame medico-dental bldg., composition roof, some steel and wood sash, gas furnace, linoleum floors, etc.
 Owner—Dr. Chester Marsh, c/o Architect.
 Architect—Clarence Caukins, Rosenberg Bldg., Santa Rosa.
 Contractor—Sam Swindler, 912 Petaluma Ave., Sebastopol, \$6350.00.

Bids Opened
ALTERATIONS AND ADDITIONS Cost, \$.....
ALAMEDA, Alameda Co., Cal. Central and Park.
 Alterations and additions to building.
 Owner—Commercial National Bank & Central Bldg. & Loan Assn.
 Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
 Low Bidder—Geo. Swanstrom, 1615 75th Ave., Oakland—\$30,310.
 Total basic bids follow:
 Geo. Swanstrom, 1615 75th Ave., Oakland.....\$30,310.00
 D. W. Nicholson, Oakland..... 31,000.00
 Chris Hansen, Alameda..... 32,228.00
 F. C. Stolte Co., Alameda..... 32,821.00
 P. Spaulding..... 34,779.00
 H. Schenk, Piedmont..... 36,687.00

PLANS BEING FIGURED
LOS ANGELES, Calif.—Safeway Stores, 1925 E. Vernon Avenue, are taking bids from a closed, selected list of contractors for a one-story, Class C brick and reinforced concrete store building, 110x60 ft. in area, to be built on the corner of Crenshaw Blvd. and 57th St., for the company. Frank L. Stiff, architect, 1303 Park Central Bldg. 16

17— THEATRES

Construction Underway
ALTERATIONS & ADDITIONS Est. Cost, \$45,000
GRIDLEY, Butte Co., Calif.
 Alterations and additions to Gridley Theater.
 Owner—Lee Nafly, Chico.
 Architect—Not Given.
 Contractor—Salih Bros., 25 Taylor St., San Francisco. 17

Contract Awarded
THEATER Est. Cost, \$60,000
GRIDLEY, Butte Co., Calif. Spruce and Kentucky Sts.
 New theater to seat 700, to be called The Butte Theater.
 Owner—Associated Theatrical Enterprises.
 Architect—Not Given.
 Contractor—Moore & Roberts, 693 Mission St., San Francisco.

18— WHARVES & DOCKS

February 25, 1938
CONTRACT AWARDED
SAN FRANCISCO.—Schrader Iron

Works, Inc., 1247 Harrison Street, at \$1194 awarded contract by the Board of State Harbor Commissioners, Rin. 18, Ferry Bldg., for repairing damaged steel work on the Car Ferry Apron at Pier No. 43.
 (0338) 1st report Jan. 31; 2nd, Feb. 4, 1938. 18

BIDS WANTED
SAN PEDRO, Cal.—Until March 10, 11 a.m., bids will be received by the Public Works Officer, L. N. Moeller, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8555, for the relocation of floats at the Twenty-Second Street Navy Landing (Bertha Fifty-six and Fifty-seven), San Pedro, Calif.

Work involves: (a) detaching of existing wood float moorings and the moving and reinstallation of the three existing wood floats (each float is approximately 14 feet wide and 50 feet long) in their new positions; (b) the furnishing and installing of bolts, castings, and steel connections for securing the floats in their new positions to the timber pile anchorage; (c) the furnishing and installing of two new freight chutes and ramps, including new materials as required to connect them to the existing pier work; (d) the provision of miscellaneous labor and materials as required to complete the work. Anchorage piles and dolphins are in place, or will be furnished by others.

Plans and specifications may be obtained from the above office upon deposit of \$10. 18

19— MISC. CONSTRUCTION

BIDS WANTED
SEATTLE, Wash.—Until March 17, 10 a.m., bids will be received by the Board of Public Works, 509 County-City Bldg., Seattle, for stringing about 700 miles of transmission line conductor on Skagit Transmission Line No. 2.
 Plans and specifications may be obtained from the City Light Engineering Division, 3rd and Madison Streets, Seattle, upon deposit of \$5. 19

SAN FRANCISCO CITY m.b
SAN FRANCISCO.—Until March 14, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1973, for furnishing two manually controlled ammoniators and one chlorine ammonia solution manifold for the San Francisco Water Department.

Plans and specifications obtainable at above office. *

BIDS WANTED
SAN FRANCISCO.—Until March 9, 3 P. M., bids will be received by the U. S. Engineer Office, South Pacific Division, Division Engineer, 414 Custom House, San Francisco, under Bid No. 888-38-100, for constructing and delivering afloat one 68-ft. 0-in. by 32-ft. 0-inch by 6-ft. 0-in. welded steel clamshell barge to San Francisco waterfront.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. 19

Contract Awarded
SUPERSTRUCTURE Cost, \$.....
OAKLAND, Alameda Co., Calif. N.E. Corner of First and Grove Sts.
 Construction of superstructure for turbine room extension at Substation "C".
 Owner—Pacific G. & E. Co.
 Plans by Engr. Dept. of Owner.
 Contractor—Dinwiddie Const. Co., Inc., 210 Crocker Bldg., S. F.

CONTRACT AWARDED
YERBA BUENA ISLAND, Calif.—The bid of the Key System, 2120 Grove St., Oakland, was accepted by the San Francisco Bay Exposition Company, 585 Bush Street, to handle intramural transportation at the 1939 World's Fair on Treasure Island.

Twenty motor trailers, each with Ford power unit and three trailers will be used. Each trailer will accommodate 20 passengers, 10 on each side, with seats facing outward. Speed of equipment will be limited to six miles an hour.

Other bidders were: Pacific Greyhound Lines, E. F. Brlnegar, Harry A. Encell, Geo. A. Wahlgren, all of San Francisco, and A. L. Plerovich, of Jackson. * 19

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED
SACRAMENTO, Calif.—Until Mar. 9, 10 a.m. (opening 2 p.m.), bids will be received by the State Purchasing Agent, 319 State Capitol Bldg., Sacramento, for road oils, cutback asphalts and C, D and E grade asphalts, covering the requirements of the Division of Highways for the period from April 1, 1938, to March 31, 1939. Certified check for \$5,000 must accompany each proposal. A summary of estimated requirements follows:

- DISTRICT NO. 1—EUREKA**
- (1) 200 tons slow curing road oil, SC-1A;
 - (2) 250 tons slow curing road oil, SC-2;
 - (3) 400 tons slow curing road oil, SC-3;
 - (4) 2050 tons slow curing road oil, SC-4;
 - (5) 870 tons slow curing road oil, 90-95;
 - (6) 25 tons cutback asphalt, ROMC-3-4, MC-3.

Delivery points: Cloverdale, Hopland, Calpella, Long Vale, South Fork, Eureka, Carlotta, Arcata, Crescent City, Fort Bragg, Middletown.

- DISTRICT II—REDDING**
- (7) 1150 tons slow curing road oil, SC-4;
 - (8) 60 tons slow curing road oil, 90-95;
 - (9) 95 tons cutback asphalt, R O M C-3-4; MC-3.

Delivery points: Red Bluff, Redding, Proberta, La Moine, Mt. Shasta City, Weed, Yreka, Hornbrook, Gazelle, Bray, Mt. Hebron, McDoel, Dorris, Nubieber, Canby, Altura, Surprise, Davis Creek, Westwood, Susanville, Doyle, Quincy, Keddie, Balirren, Portola, Beckworth, Chilcoot, Dunsmuir.

- DISTRICT III—MARYSVILLE**
- (10) 150 tons slow curing road oil, SC-2;
 - (11) 1500 tons slow curing road oil, SC-3;
 - (12) 200 tons slow curing road oil, SC-4;
 - (13) 420 tons slow curing road oil, 90-95;
 - (14) 100 tons cutback asphalt, R O M C-3-4, MC-3.

Delivery points: Emigrant Gap, Chico, Tahoe City, Marysville, Oroville, Nevada City, Auburn, Durham, Arbutuck, Sacramento, Colfax, El Dorado, Grass Valley, Gridley, Williams, Willows, Woodland, Orland, Calpine, Placerville, Truckee, Esparto.

- DISTRICT IV—SAN FRANCISCO**
- (15) 800 tons slow curing road oil, SC-2;
 - (16) 2000 tons slow curing road oil, SC-3;
 - (17) 400 tons slow curing road oil,

90-95;

- (18) 25 tons cutback asphalt, ROMC-3-4; MC-3.

Delivery points: Petaluma, Los Gatos, Felton, San Jose, Healdsburg, Santa Cruz, Hayward, Irvington, Centerville, Livermore, Santa Rosa, Jenner, Burlingame and intermediate points.

DISTRICT V—SAN LUIS OBISPO

- (19) 900 tons slow curing road oil, SC-2;

- (20) 1000 tons slow curing road oil, SC-3;

Delivery points: King City, Hollister, San Lucas, Monterey, Soledad, San Luis Obispo, Santa Barbara.

DISTRICT VI—FRESNO

- (21) 4000 tons slow curing road oil, SC-2;

- (22) 600 tons slow curing road oil, SC-4;

Delivery points: Bakersfield, Porterville, Lindsay, Wasco, Famoso, Exeter, Tulare, Woodlake, Lemon Cove, Yettum, Delano, Hanford, Coalinga, Lemoore, Corcoran, Kettleman City, Hub, Visalla, Fresno, Madera, Mendota, Clovis, Minkler, Orange Cove.

DISTRICT VII—LOS ANGELES

- (23) 2200 tons slow curing road oil, SC-2;

- (24) 700 tons slow curing road oil, SC-4;

- (25) 50 tons slow curing road oil, 90-95;

Delivery points not included for this district as deliveries are, in general, by tank trucks to points set forth on requisition involving varying distances of haul.

DIST. VIII—SAN BERNARDINO

- (26) 2000 tons slow curing road oil, SC-2;

- (27) 3000 tons slow curing road oil, SC-4;

Delivery points: See note appended to District VII.

DISTRICT IX—BISHOP

- (28) 700 tons slow curing road oil, SC-2;

- (29) 500 tons slow curing road oil, SC-4;

Delivery points: See note appended to District VII.

DISTRICT X—STOCKTON

- (30) 100 tons slow curing road oil, SC-1A;

- (31) 200 tons slow curing road oil, SC-2;

- (32) 3000 tons slow curing road oil, SC-4;

- (33) 400 tons slow curing road oil, 90-95;

- (34) 100 tons cutback asphalt, ROMC-3-4; MC-3;

Delivery points: Benicia, Ione, Merced, Burson, Jamestown, Minden, Nev., Chinese, Kentucky House, Modesto, Dixon, Lockford, Planada, El Portal, Los Banos, Sonora, Farmington, Martell, Vallejo, Valley Springs, and intermediate points.

DISTRICT XI—SAN DIEGO

- (35) 500 tons slow curing road oil, SC-1A;

- (36) 800 tons slow curing road oil, SC-2;

- (37) 2000 tons slow curing road oil, SC-3;

- (38) 2000 tons slow curing road oil, SC-4.

Delivery points: See note appended to District VII.

Totals: 800 tons SC-1A;

12,000 tons SC-2;

6,900 tons SC-3;

11,300 tons SC-4;

2,200 tons 90-95;

1,200 tons ROMC-3-4; MC-3.

Bidders should quote on C, D and E grade asphaltic cements (no estimate of quantities).

Deliveries in the Fresno (District VI) and San Luis Obispo (District V) territories may or may not be requested in tank trucks at the plant and bidders should take such require-

ments into account.

Materials, basis of measurement, and similar requirements are to be in accordance with Sections 69 and 70 of the Standard Specifications of the California Department of Public Works, Division of Highways, dated January, 1935, subject to inspection and release by the Testing and Research Laboratory of the Division of Highways.

Bids are to be submitted on basis of tank car shipments only with the exception of requirements shown for District VI, where deliveries may be taken in either tank trucks at vendor's plant at or near Bakersfield or tank car delivery. Bidders will take this into account and quote for District VI their refinery prices at or near Bakersfield for these products delivered into tank trucks as well as bidding for tank car deliveries from this point.

Quantities shown are approximately only and will be increased or decreased to conform to actual requirements of the Division of Highways for the period of contract.

Prices quoted shall be the top price for each product listed. Bids to be on a unit basis of tons. Award may be made in whole or in part.

Any bidder quoting must have been regularly engaged in the manufacture and sale of road oils and asphalts over a period of at least two years, and during that time shall have maintained one or more refineries engaged in the manufacture of asphalts or road oils.

Bidders must ship in insulated tank cars whenever shipments are so requested in this type of container. Bidder shall have on hand at time of submitting bid an amount of material equivalent to a minimum of 10% of the total amount quoted on, and shall at all times maintain a sufficient stock of material on hand to be able to ship a minimum of ten cars per day on 48 hours notice.

Bids are to be f.o.b. bidder's nearest refinery or refineries with schedule of freight rates to various points.

Specifications may be obtained from the office of the State Purchasing Agent, at Sacramento; for further information contact Mr. L. R. Smith. * 20

BIDS WANTED

ALAMEDA, Alameda Co., Cal.—Until March 10, 8:15 P. M. bids will be received by the Alameda Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Ave., Alameda, for furnishing western red cedar poles.

Plans and specifications may be obtained from the above office.

Bids opened February 24 were all rejected. * 20

BIDS WANTED

PROVO RIVER PROJECT, Utah.—Until March 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1045-D, for furnishing and delivering structural steel for the Provo River bridge, relocated D. & R. G. W. R. R. Station 433 plus 86, Deer Creek Dam, Provo River Project, Utah; fob shipping point and/or Charleston, Utah. Material will be installed by the Government.

Plans and specifications may be obtained at the above office. * 20

BIDS WANTED

BOULDER CANYON PROJECT—Until March 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1046-D for furnishing and delivering structural steel for transmission towers for the Southern California Edison

Company transformer Circuit No. 9 in the Boulder switchyard, Boulder Canyon Project, fob shipping point and/or Boulder City, Nev. Structures will be erected by the Government.

Plans and specifications may be obtained at the above office. * 20

BIDS WANTED

BOULDER CANYON PROJECT—Until March 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1-044-D, for furnishing and delivering twelve 15½-in. dia. butterfly valves for installation in the Boulder power plant, Boulder Canyon Project, fob shipping point and/or Boulder City, Nev. Butterfly valves will be installed by the Government.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

MILK RIVER PROJECT, Mont.—Joseph T. Ryerson & Sons, Inc., Chicago, Ill., at \$11,812, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1020-D, for furnishing and delivering structural steel and steel castings for the highway bridge over the spillway at the Fresno Dam, Milk River Project, Montana. * 20

BIDS WANTED

ALAMEDA, Cal.—Until Mar. 10, 8:15 p.m., bids will be received by the Alameda Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Ave., Alameda, for furnishing street light globes.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

SAN FRANCISCO—Until March 11, 3 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-101, for furnishing and delivering approximately 3950 lin. ft. pre-fabricated, non-corrosive, chain link fencing, 84 inches high, ar-mounted by barbed wire guards, complete with posts, gate, braces, fittings, etc., necessary for complete erection; f.o.b. contractor's plant.

Estimated quantities are:

- (1) 3950 lin. line fencing, complete;
- (2) one 12-ft. double swing gate, complete with posts;
- (3) one 20-ft. 6-in. double swing gate, complete with posts;
- (4) four corner posts.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$326,000, 1½ of 1½, 10 days, fob San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland under Bid No. 5468, for two 45-foot continuous beam spans, including all structural steel bolts for field connections, bolts for superstructure and all miscellaneous steel portions necessary for erection of Hunter's Bridge. * 20

BIDS OPENED

LOS ANGELES, Calif.—Western Pipe & Steel Co., at \$641.42 submitted low bid to U. S. Engineer, Los Angeles, for corrugated metal culvert pipe, Circ. Prop. 303. California Corrugated Culvert Co. submitted only other bid at \$646.62. Both discount ½ of 1%, 10 days. * 29

BIDS OPENED

OAKLAND, Cal.—Following submitted identical bids at \$3060 to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 982, for furnishing 36 rolls, approximately 7200 lbs. white bond paper and 56 rolls, approximately 7200 lbs. pink bond paper.

Zellerbach Paper Co., Oakland; Pacific Coast Paper Co., Oakland, and Blake, Moffitt & Towne, Oakland, Union Paper Co., Oakland, submitted a bid at \$3147.84, and an alternate bid at \$2903.76. * 20

BIDS OPENED

OAKLAND, Calif.—Richfield Oil Corp., Oakland, at \$48,776.40, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 983, for furnishing 40,000 gals. kerosene and 352,000 gals. gasoline.

Following submitted identical bids at \$49,108.40: Tide Water Associated Oil Co., Gilmore Oil Co., Signal Oil Co., Standard Oil Co., Shell Oil Co. and General Petroleum Corp. Seaside Oil Co. submitted a bid at \$49,694.40. * 20

February 25, 1938.

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-99, for furnishing drains, inlet and outlet connections, gate valves and pipe, etc.; f.o.b. U. S. Engineer Storehouse, Presidio of San Francisco.

Bids taken on:
LOT NO. 1—5 cast-iron body, japanned, with brass top drains; and 2 inlet and outlet connections, cast iron body, japanned, brass strainer;

LOT NO. 2—Two 6-in. gate valves, cast-iron body and two 4-inch gate valves, cast iron body;

LOT NO. 3—Adapters, bends, tees, cast-iron pipe, oakum and calking lead.

Complete bids follow:
Richmond Sanitary Co., San Francisco—(1) \$77.68; (2) \$89.36; 2% 30 days.

Gilmore Steel & Supply Co., Inc., San Francisco—(2) \$87.96; 2% 30 days.

Dunham Carrigan & Hayden Co., San Francisco—(1) \$90.95; 2% 30 days.

Crane Company, San Francisco—(1) \$78.29; (2) \$86.34; 2% 30 days.

General Machinery & Supply Co., San Francisco—(1) \$81.80; (2) \$112.98; 2% 30 days.

United Pipe & Supply Co., San Francisco—(1) \$77.37; (2) \$86.00; (3) \$114.18; 2% 30 days.

F. E. O'Hair & Co., San Francisco—(1) \$80.80; (2) \$85.00; 2% 30 days.

Marshall-Newell Supply Co., San Francisco—(2) \$110; 2% 30 days.

Pacific States Cast Iron Pipe Co., San Francisco—(2) \$84; (3) \$124.05; net.

Bids held under advisement. * 20

CONTRACT AWARDED

TRUCKEE STORAGE PROJECT.
—Columbian Steel Tank Co., Kansas City, Mo., at \$762.50, 2%, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1003-D, for two 50-inch I.D. welded plate-steel outlet pipes for installation in outlet works at Boca Dam, Truckee Storage Project, Nevada-California. * 20

BIDS OPENED

LOS ANGELES, Cal.—Following submitted bids to the U. S. Engineer,

Los Angeles, under Circ. Prop. 300, for 40,832 board feet creosoted Douglas fir or southern yellow pine:

Hammond Lumber Co.—\$2002.52; shipped from Oregon to treatment plant at Wilmington and delivered by truck from there to job; discount 5% 30 days.

H. A. Browning Lumber Co.—\$2,292.28; delivered to job; 3% 10 days.

J. H. Baxter & Co.—\$2209.50, delivered to job; net.

W. E. Cooper Lumber Co.—\$2396.15, delivered to job; 5% 30 days.

E. K. Wood Lumber Co.—\$2436.55, delivered to job; net.

Chas. R. McCormick Lumber Co.—\$2174.31; f.o.b. St. Helens, Ore.; \$2,596.92 delivered to job; net.

Long Bell Lumber Co.—\$1885.31, f.o.b. Eugene and Cottage Grove, Ore.; treated in transit at Weed, Calif.; net.

Warren Southwest, Inc.—\$2109.39; net; f.o.b. point not stated.

McDonald & Harrington—\$2073.99; f.o.b. Oregon (treated in transit at Weed, Calif.); net. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing liquid asphalt road materials, including: (1) 736 tons MC-4 or MC-5; (2) 14 tons MC-2; and (3) 85 tons emulsified asphalt, for use on Sections A1 and A2, Route 1, Grand Canyon Desert View and Sections A1, A2 and B, Route 2, Grand Canyon South Entrance, Grand Canyon National Park, Coconino Co., Ariz.

Shell Oil Co., San Francisco—(1) \$10.50; (2) \$10.50; (3) \$13.80; f.o.b. Los Angeles.

Richfield Oil Corp., Los Angeles—(1) \$10.50; (2) \$10.50; (3) \$13.80; f.o.b. Los Angeles.

American Bitumelos Co., Los Angeles—(3) \$13.80; f.o.b. Los Angeles or Melrose.

Petrol Corp., Los Angeles—(1) \$10.50; (2) \$10.50; f.o.b. Los Angeles.

General Petroleum Corp. of Calif., Los Angeles—(1) \$10.50; (2) \$10.50; f.o.b. El Segundo.

Utah Oil Ref. Co., Salt Lake—(1) \$12.00; (2) \$15.00; f.o.b. Salt Lake City.

Union Oil Co., Los Angeles—(1) \$10.50; (2) \$10.50; (3) \$13.80; f.o.b. Wilmington.

Associated Oil Co., San Francisco—(1) \$12.50; (2) \$12.50; f.o.b. Avon or El Segundo; (1) \$10.50; (2) \$10.50; f.o.b. Wilmington.

Telegraph Refinery Corp., Compton—(1) \$9.00; (2) \$9.00; (3) \$13.80; f.o.b. Elftman.

Standard Oil Co., San Francisco—(1) \$10.50; (2) \$10.50; f.o.b. El Segundo. * 20

BIDS OPENED

OAKLAND, Cal.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$52,288, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS-210, for furnishing 65,000 l.f. cast iron water pipe.

Complete bids follow:
U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco—\$52,288.

American Cast Iron Pipe Co., San Francisco—\$52,640.

Pacific States Cast Iron Pipe Co., San Francisco—\$54,700.

Florence Pipe & Foundry Co.—\$63,480. * 20

BIDS OPENED

LOS ANGELES, Cal.—Donald A. Huff, 225 E. 11th St., Los Angeles, at (a) \$23,800 and (b) \$22,955, submitted the low bid to the Los Angeles County Supervisors for furnish-

ing one new 500-hp. water tube boiler and apparatus in Power House (Bldg. GH 20), Los Angeles County General Hospital, 1100 Mission Road, Spec. 405. Subcontractors specified were: Steam piping, Lohman Bros.; boiler erection and brickwork, J. A. Carter Co.; suspended walls and insulation, St. Louis Firebrick & Insulation Co. Bids were taken as follows:

(A) Work complete;
(B) Work complete, but omitting 2 electric recording steam flow meters.

The bids were:
Donald Huff—(A) \$23,850; (B) \$22,955.

Riley Stoker Corp.—(A) \$27,830; (B) \$26,850.

C. C. Moore & Co.—(A) \$33,088; (B) \$32,198. * 20

BID OPENED

OAKLAND, Calif.—Horns-Manville Sales Corp., 1605 Jefferson Street, Oakland, at \$6038, submitted only bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS-209, for furnishing 5000 l.f. 4-inch; 3000 l.f. 6-inch, and 1000 l.f. 12-inch asbestos cement water pipe. * 20

ALAMEDA COUNTY PERMITS UNDER \$1600

REROOF, \$90; 1528 Hearst, Berkeley; owner, Mr. Verbeck, Prem.; contractor, Yosemite Roofing Co., 3700 Greenacre Rd., Oakland.

REPAIRS, \$30; 6333 Broadway Terrace, Oakland; owner and contractor, Emil P. Schlichtmann, Prem.

ALTERATION, \$375; 774-76 Pine St., Oakland; owner and contractor, Independent Iron Works, 821 Pine St.

REROOF, \$75; 3366 Arizona Street, Oakland; owner, M. Gifford, Prem.; contractor, M. L. Roof Co., 9224 Foothill Blvd.

REPAIRS, roof, \$133; 1773 Brandon St., Oakland; owner, Mr. Apparius, Prem.; contractor, Guy Tyler & Sons, 1502 Cedar Street, Berkeley.

REROOF, \$344; 4902 Broadway, Oakland; owner, Jos. Ratto, Prem.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

REROOF, \$148; 2622 13th Ave., Oakland; owner, Holman Winsor Co., Agts., 3816 Park Blvd.; contractor, Alpine Roof Co., 10035 East 14th St.

REPAIRS, \$25; 561 21st St., Oakland; owner and contractor, Miss G. Vaughn, Prem.

ALTERATIONS, \$400; 6100 Adeline St., Oakland; owner and contractor, John T. Miller, 840 Arlington St.

ALTERATIONS, \$100; 560 Glenview Ave., Oakland; owner, Mrs. E. Loring, 216 5th St.; contractor, K. E. R. Johnson, 2431 McKinley Ave., Berkeley.

ALTERATIONS, \$300; 5277 Manila Ave., Oakland; owner and contractor, Andrew F. Ryan, Prem.

GARAGE, 1-story, \$400; 1541 23rd Ave., Oakland; owner, F. Porter, 1541 23rd Ave.; contractor, E. L. McAllister, 950 36th St.

ALTERATIONS, \$400; 1319 E. 26th St., Oakland; owner and contractor, Allen S. Eide, Prem.

SHED, 1-story, \$100; 3981 Edgemore Place, Oakland; owner and contractor, Herbert Tuller, Prem.

ADDITION, \$250; 570 Oakland Ave., Oakland; owner and contractor, V. Lindel, 2557 Wakefield Ave.

ALTERATIONS, \$75; 200 Broadway, Oakland; owner and contractor, J. Cabiale, Prem.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipes Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnals |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

NAPA COUNTY, Calif.—Until Mar. 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for widening 3 bridges, one across Dry Creek, one across Sale Slough Overflow and one across Bale Slough between 6 and 15 miles north of Napa.

Work involves:

- (1) 175 c.y. stone masonry and concrete pavement to be removed;
- (2) 780 c.y. struc. excav.;
- (3) 250 c.y. channel excav.;
- (4) 350 c.y. imported borrow;
- (5) 450 sq. yds. preparing subgrade;
- (6) 1 ton liquid asphalt, SC-2 (prime coat);
- (7) 6.5 tons do road-mix surf. treatment;
- (8) 510 sq. yds. preparing mix and shaping shoulders;
- (9) 90 c.y. Class A Portland cement concrete pavement;
- (10) 360 c.y. Class A Portland cement conc. struc.;
- (11) 16 c.y. Class A Portland cement conc. railing;
- (12) 44,000 lbs. bar reinf. steel;
- (13) 53,500 lbs. struc. steel;
- (14) 225 lbs. cast steel;
- (15) 17 c.y. rubble masonry;
- (16) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

LOW BIDDER

ASOTIN CO., Wash., and NEZPERCE CO., Idaho.—Puget Constr. Co., Seattle, at \$748,337.20, submitted low bid to the Washington Director of Highways, L. V. Murrow, Olympia, Wash., for paving with Portland cement and constructing a steel vehicle lift bridge with reinforced concrete approach spans over Snake River on Washington Primary State Highway 3 and Idaho State Highway 3, Lewiston-Clarkston Bridge. * 21

CONTRACT AWARDED

MADERA CO., Calif.—Franzini & Fredenburg, 100 Clark Street, San Rafael, at \$7,998.50 (Alt. C), awarded contract by the State Division of Highways, Sacramento, for the construction of a reinforced concrete bridge across Cottonwood Creek overflow, about four miles south of Madera, Madera County, Cal. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

LOS ANGELES.—Case Constr. Co., Box 6, San Pedro, at (1) \$0.174; (2)

\$0.10, total \$70,460, submitted low bid to the Los Angeles County Supervisors for dredging at Alamitos Bay, approximately 155,000 c.y. material to be placed in fill on designated area, remaining material going to waste.

Items to be bid on are:

- (1) 400,000 c.y. excav.;
- (2) 8600 lbs. placing drainage pipes and gates.

Newport Dredging Co., Wilmington, at (1) 20c (2) 5c, total \$80,430, submitted only other bid. * 22

BIDS WANTED

SANTA BARBARA, Calif.—Until March 23, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for dredging 580,000 c.y. at Santa Barbara Harbor and depositing the dredged material along 5000 ft. of beach, Circ. Prop. 318. Bid bond 10% must accompany bid. * 22

23— CANALS

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Ida.—David A. Richardson, Ontario, Ore., at \$16,197, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1015-D, for the construction of structures South Canal laterals S.C. 0.1 to 5.7 and sublaterals, Succor Creek diversion, Owyhee Project, Oregon-Idaho. * 23

CONTRACT AWARDED

YERBA BUENA ISLAND, Calif.—Wm. F. Wilson Co., 736 Harrison St., San Francisco, at \$11,693.91, submitted low bid and was awarded contract by the San Francisco Bay Exposition Co., 555 Bush St., San Francisco, under Contract No. 157, for installation of 180 high-pressure fire hydrants and connecting lines on Yerba Buena Island. * 23

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

LOS ANGELES.—Clyde W. Wood, at \$175 per month, awarded contract by U. S. Engineer, Los Angeles, for RENTAL of one pile hammer for 3 months and Carlinghouse Bros., at \$175 per month, 2% 20 days, awarded contract for RENTAL of one pile hammer for 3 months, to be used in driving piling in L. A. County Drainage Area, Circ. Prop. 295. * 25

BIDS OPENED

UNCOMPAGRE PROJECT, Colo.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1035-D, for furnishing and delivering one clutch-operated

crawler traction mounted, full revolving, Diesel engine powered, convertible type, dragline excavator for the Uncompagre Project, Colo.:

Harnischfeger Corp., Milwaukee, Wis.: \$14,090, wt. 62,650 lbs; 2% ; fob Milwaukee.

American Hoist & Derrick Co., St. Paul, Minn.: \$13,130; wt. 64,650; 2% ; fob St. Paul.

Lima Locomotive Works, Inc., Shovel & Crane Division, Lima, Ohio, \$16,115; wt. 72,000; 2% ; fob Lima.

Bay City Shovel, Inc., Bay City, Mich., \$12,550; wt. 65,500; 2% ; fob Bay City. Alt. bid at \$13,050; wt. 67,000.

The Thew Shovel Co., Lorain, O., \$14,715, wt. 72,300; net; fob Lorain. Alt. bid at \$13,445; wt. 61,600.

Link-Belt Co., Chicago, Ill., \$14,535; wt. 72,250; 4% ; fob Chicago.

Manitowoc Shipbuilding Co., Manitowoc, Wis., \$13,400; wt. 68,000; net; fob Manitowoc. * 26

CONTRACT AWARDED

DENVER, Colo.—The Smith Corp., 4/b/a General Iron and Steel Works, Portland, at \$1733 (Sch. 1) and \$828 (Sch. 2) was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1012-D, for furnishing and delivering (1) two 12x7-ft. top-seal radial gates for the Siphon Drop power plant, Yuma Project, Ariz.-Calif.; and (2) two 10x5-ft. top-seal radial gates for the Leashury canal sluiceway, Rio Grande Project, New Mexico-Texas. Gates will be installed by the Government. * 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1030-D, for furnishing and delivering pipe, fittings and valves for Units N-5 and N-6 at Boulder power plant, Boulder Canyon Project. Materials will be installed by the Government.

John W. Beam, Denver: (1) \$9266, wt. 28,125 lbs.; (2) \$28,700; wt. 111,900; Comb., \$37,000; disc. 1% ; fob Boulder City, Nev.

Standard Sanitary Mfg. Co., Denver: (1) \$8652; wt. 28,140; (2) \$25,595; wt. 111,900; Comb. \$32,959; 2% ; fob Boulder City.

The Ohio Injector Co., Los Angeles: (1) \$7842.22; wt. 29,900; 2% ; fob Wadsworth, Ohio, or Pittsburgh, Pa. Jenkins Bros., New York City (1) \$9991.84; wt. 33,000; 2% ; fob Boulder City.

Noland Co., Inc., Washington, D. C. (1) \$10,227; wt. 30,665; 2% ; fob Boulder City.

The Greene-Wolf Co., Inc., Brooklyn, N. Y.: (1) \$9530; wt. 27,800; 2% ; fob Boulder City.

Crane-O'Fallon Co., Denver: (1) \$11,280; wt. 31,326; (2) \$23,460; wt. 106,918; Comb. \$34,076; 2% ; fob Boulder City.

Associated Piping & Engr. Co., Ltd., Los Angeles: (2) \$23,246; wt. 118,000; net; fob Boulder City.

The Wm. Powell Co., Cincinnati, Ohio: (1) \$9719; wt. 30,000; 2% ; fob Cincinnati.

The Chapman Valve Mfg. Co., Springfield, Mass.: 1) \$8195; wt. 31,000; 2% ; fob Indian Orchard, Mass.

The Grimes Pipe & Supply Co., Denver, Colo.: (1) \$8800; wt. 28,140; (2) \$26,000; wt. 111,900; Comb., \$33,815; 2% ; fob Boulder City.

Midwest Pipe & Supply Co., Inc., St. Louis, Mo.: (1) \$9479.80; wt. 20,000.

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento : California

000; (2) \$25,743.94; wt. 70,000; Comb., \$35,223.74; 2%; job Boulder City. 25

BIDS OPENED

SAN FRANCISCO.—The East Bay Transit Co., 2129 Grove St., Oakland, at \$10.00 per day, submitted only bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, San Francisco, under Bid No. 5072, for rental of one motor passenger coach, having a capacity of not less than 35 seated passengers, and 20 standing, to operate daily between Vassar and Spruce Streets, Berkeley, and a farm house on Wildcat Canyon Road. *

BIDS WANTED

SAN LUIS OBISPO AND MONTEREY COS., Cal.—Until March 8, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of one truck crane equipped with a ½-c.y. or more capacity clam shell bucket for use for approximately 25 days on elide area in San Luis Obispo and Monterey Counties, Cal. Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

MARIPOSA COUNTY, Calif.—Following bids were submitted to the State Division of Highways, Department of Public Works, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the rental of air compressors, jackhammers and hose. Bids were taken on:

- (1) one 2-stage air compressor, trailer-mounted with either steel or rubber-tired wheels, equipped with three 55-lb. jackhammers or equal and with 100 lf. of air hose for each hammer;
- (2) one 2-stage air compressor, either truck or trailer mounted on pneumatic tires to be ready for drilling operations and equipped with two modern 55-lb. jackhammers I.R.S. 49 or equal, with 100 lf. of air hose for each jackhammer;
- (3) set of moving equipment, etc.

Total bids follow:

W. H. Cowen, 1114 Sutter St., San Francisco, \$350.00 No. 1-LeRok Rix-315; \$300.00 No. 2-Le Rok Rix-210; \$90.00.

George French, J., Stockton, \$235, 2-stage Ingersoll Rand; (3) none.

A. Sola & Son, Oakland, \$245.00, 2-stage 105-ft. compressor; (3) \$50.00, Western Machinery Co., San Francisco, \$345.00 No. 1-315-ft. Ingersoll-Rand; \$245.00 No. 2-210-ft. Ingersoll-Rand; (3) \$100.00 for 315-ft., \$60 for 210-ft., and \$125 for both.

C. G. Willis & Sons, Los Angeles, \$425.00 No. 1-315-ft. Ingersoll-Rand; (3) \$100.00.

Machinery & Drill Steel Co., San Francisco, \$325.00 No. 1-315-ft. Gardner-Denver; \$225.00 No. 2-210-foot Gardner-Denver; (3) \$75.00. 25

BIDS OPENED

SANTA CLARA AND SANTA CRUZ COS., Calif.—Pacific Truck Service, Inc., 2144 Lombard St., San Jose, at \$3.88 per hour, submitted low bid to the Department of Public Works, State Division of Highways, John H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 500 hours of one truck-mounted power shovel unit, equipped with both shovel dipper and clamshell of not less than 4/10 cu. yd. capacity, for use in Santa Clara and Santa Cruz Counties, Calif.

Complete bids follow:

	Per Hr.
Pacific Truck Service, Inc., 2144 Lombard St., San Jose.....	\$3.88
C. E. Huls, Merced.....	3.94
W. E. Karstedt, San Jose.....	3.97
Rock & Gravel Trucking Co., Oakland.....	5.00
Volpa Bros., Fresno.....	5.50
Western Crane Service, Oakland.....	8.00

BIDS OPENED

SAN FRANCISCO.—The East Bay Transit Co., 2129 Grove St., Oakland, at \$10.00 per day, submitted only bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, San Francisco, under Bid No. 5073, for rental of one motor passenger coach, having a capacity of not less than 35 seated passengers, and 20 standing, to operate daily between Vassar and Spruce Streets, Berkeley, and a farm house on Wildcat Canyon Road. *

BIDS WANTED

MENDOCINO AND LAKE COS., Cal.—Until March 9, 11 A. M., bids will be received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, District 1, 546 W. Washab Ave., Eureka, for the rental of one only 30-h.p. tractor with an 8-ft. blade bulldozer for 300 hours to be used in Mendocino and Lake Counties. Plans and specifications may be obtained from the above office. 25

BIDS WANTED

MENDOCINO AND LAKE COS., Cal.—Until March 9, 11 A. M., bids will be received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, District 1, 546 W. Washab Ave., Eureka, for the rental of one 1-bag or 7-cu. ft. capacity portable concrete mixer, to be used in Mendocino and Lake Counties. Plans and specifications may be obtained from the above office. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Longwell Truck Service, 298 Acacia St., San Francisco, at \$23.30 per hour, submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Washab Avenue, dump trucks for 500 hours for use in District 1. Rock & gravel Trucking Co., Oakland, submitted second low bid at \$23.30 per hour.

Following submitted identical bids at \$24.30 per hour: Dewar's Express, Eureka; Ashurst Bros. & W. E. Sinclair, Hopland; Wm. Kern, Weott; McReynolds Trucking Co., Oakland; Paul Entremont, Colusa; Wm. Ley, Eureka; John Vance, Eureka, and Chas. W. Beguhl, Millbrae. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$23.30 hour, submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Washab Avenue, Eureka, for the rental of two 3-yd. dump trucks for 500 hours each for use in District 1.

Following submitted identical bids at \$24.30 per hour: Wm. Kern, Weott; Ashurst Bros. & W. E. Sinclair, Hopland; Paul Entremont, Colusa; Dewar's Express, Eureka; Wm. Ley, Eureka and Longwell Truck Service, San Francisco. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$23.30 hour, submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Washab Avenue, Eureka, for the rental of two 3-yd. dump trucks for 500 hours each for use in District 1.

Longwell Truck Service, San Francisco, at \$24.00 per hour submitted second low bid. Following submitted identical bids at \$24.30 per hour: Wm. Ley, Eureka; Paul Entremont, Colusa; Wm. Kern, Weott; Ashurst Bros. & W. E. Sinclair, Hopland; Dewar's Express, Eureka; and John Vance, Eureka. 25

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 43168, for one ½-c.y. crawler type shovel:

Norris K. Davis, Inc., San Francisco, \$923.89; disc. \$462; 30 days.
Harron, Rickard & McCone Co., San Francisco, \$685; net.
Harnischfeger Sales Corp., S. F.: \$7,296; \$100; 15 days.
LeRoy Rix Co., \$878.6; 2% 30 days.
Smith Booth Usher Co., Los Angeles \$795; 2% 30 days. Alt. at \$7795.
Harry C. Collings Mch. Co., \$8263; 3% 30 days.
Lee & Thatro, \$8810; 2% 30 days.
Knox-Hale Mch. Co., S. F., \$6118.50; net.

Northwest Engr. Co., S. F., \$7601.25; net.

Spears-Wells Mch. Co., Oakland, \$7,769; \$200; 10 days. Alt. at \$8569. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$23.30 per hour submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Washab Avenue, Eureka, for the rental of two three-yard dump trucks for 500 hours each for use in District 1.

A. C. Mead, San Francisco, submitted second low bid to \$24.00 per hour. Following submitted identical bids at \$24.30 per hour: Chas. Kuppinger, Lakeport; Longwell Truck Service, San Francisco; Wm. Ley, Eureka; John Vance, Eureka; Dewar's Express, Eureka; Paul Entremont, Colusa; Wm. Kern, Weott, and Ashurst Bros. & W. E. Sinclair, Hopland. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Longwell Truck Service, 298 Acacia St., San Francisco, and Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$23.30 per hour submitted identical low bids to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, 546 W. Washab Ave., Eureka, for the rental of two three-yard dump trucks for 500 hours each, for use in District 1.

Following submitted identical bids at \$24.30 per hour: Ashurst Bros. and W. E. Sinclair, Hopland; Dewar's Express, Eureka; Paul Entremont, Colusa; Wm. Ley, Eureka; John Vance, Eureka; Wm. Kern, Weott, and Chas. W. Beguhl, Millbrae. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$23.30 per hour submitted low bid to the Department of Public Works, Division

of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Avenue, Eureka, for the rental of two three-wheeled dump trucks for 500 hours each for use in **District 1**.

Longwell Truck Service, San Francisco, submitted second low bid at \$2.40 per hour. Following submitted identical bids at \$2.43 per hour: Ashurst Bros. and W. E. Sinclair; Hopland; Wm. Ley, Eureka; John Vance, Eureka; Dewar's Express, Eureka; Paul Entremont, Colusa, and Wm. Kern, Weott. * 25

CONTRACTS AWARDED

KENDRICK PROJECT, Wyo.—The Pelton Water Wheel Co., 2929 19th St., San Francisco, at (1) \$64,854 and (2) \$11,015, and Allis-Chalmers Mfg. Co., Milwaukee, (3) \$102,757, were awarded contracts by the Bureau of Reclamation, Washington, D. C., under Spec. No. 753, for (1) one vertical shaft, 15,000-hp, 225 r.p.m. hydraulic turbine; (2) one governor with pumping equipment; (3) one 12,000-kva, 90 per cent power factor, vertical shaft, alternating current generator for installation in the Seminole power plant, Kendrick Project, Wyo. Apparatus will be installed by the Government. * 25

BIDS OPENED

CENTRAL VALLEY PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 758, for furnishing and delivering six-ton motor-driven pumping units for installation in the Contra Costa canal pumping plants, Central Valley Project, Calif. Apparatus will be installed by the Government; f.o.b. shipping point and/or Oakley, Calif.

Complete bids follow: Victor Equipment Co., Los Angeles, Calif.—\$135,795, wt. 380,000; net; f.o.b. Los Angeles; services erecting engineer, \$15 day.

Fairbanks-Morse & Co., Kansas City, Mo.—\$179,200, wt. 240,000, f.o.b. Beloit, Wis., and wt. 159,200, f.o.b. Oakley, Calif.; net. Alternate: \$178,514, wt. 240,000, f.o.b. Beloit and wt. 159,200, f.o.b. Oakley; net; \$20.

Worthington Pump & Machinery Corp., Harrison, N. J.—\$123,003, wt. 243,800, f.o.b. Harrison, wt. 114,180; f.o.b. Mansfield, Ohio; net. Alternate: \$120,858, wt. 243,800, f.o.b. Harrison, 114,180, f.o.b. Mansfield; net; \$18.

Bingham Pump Co., Inc., Portland, Ore.—\$105,549, wt. 212,800, f.o.b. Portland; wt. 170,700, f.o.b. Oakley; net; \$15.

Fomona Pump Co., Pomona, Cal.—\$74,425, wt. 113,320, f.o.b. Pomona, wt. 102,930, f.o.b. Oakley; net; \$12. Alternate: \$79,302, wt. 113,320, f.o.b. Pomona, wt. 103,500, f.o.b. Oakley.

Byron Jackson Co., Berkeley, Cal.—\$140,784, wt. 290,870; f.o.b. Berkeley; net; \$25. * 25

BIDS OPENED

VENTURA, Los Angeles, Orange Cos., Cal.—Bids for the rental of one or two 3/4- to 1-yd full revolving truck shovels, complete with operators, etc., for use on slide removal work at various locations in Ventura, Los Angeles and Orange Cos., for 60 working days, were opened by the State Highway Dept., Los Angeles. The bids were:

Geo. J. Beck Co. (1) 1/2-yd. Michigan 1938 operating time, \$5.85 hour; traveling time, \$2.90; (2) 1/2-yd. NW 1938, \$7.00 and \$4.00.

E. L. Yeager, Riverside: (1) 1/2-yd. Quickway 1938, \$5.50 and \$3; (2) no bid.

M. P. McCaffrey, (1) 3/4-yd. McCaffrey 1936, \$6 and \$3.50, (2) 3/4-yd. McCaffrey 1936, \$6 and \$3.50.

S. Edmondson & Sons, (1) 1/2-yd. Quickway 1938, \$5.40 and \$3; (2) no bid. * 25

BIDS OPENED

LOS ANGELES, Cal.—Pelton Water Wheel Co., 2029 19th St., San Francisco, at \$7539 complete (for field service per day for first five days, \$24; for additional time, \$19 per day; plus transportation charges each way from San Francisco to Los Angeles and return), submitted only bid to the Los Angeles County Purchasing Agent, for furnishing remote control system for operation of butterfly valves for San Gabriel Dam No. 1. Vendor shall supply pump and motor unit, electrical equipment, indicator transmitters, flexible shafting and sump tank. Quot. 6437. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 21, 2 P. M., bids will be received by Los Angeles Water and Power Purchasing Agent for:

- (1) one 5-ton, geared chain wheel trolley and electric hoist and run-way wiring material;
- (1a) installing equip. in item (1);
- (2) one one-ton stationary mounted electric hoist;
- (2a) installing equip. in item (2). Spec. 2539. * 25

29— STREETS AND HIGHWAYS

BIDS OPENED

LONG BEACH, Cal.—Griffith Co., 1060 S. Broadway, Los Angeles, at \$460 submitted low bid and was recommended for award by the Public Works Officer, Lt.-Condr. L. N. Moeller, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8612, for asphaltic concrete paving at the 11th Naval District (Naval Reserve Aviation Base), Long Beach.

Complete bids follow: Griffith Co., 1060 S. Broadway, Los Angeles: (1) \$460; (2) \$452.80; (3) \$375.60.

Sully-Miller Contr. Co., Long Beach: (1) \$474; (2) \$470; (3) \$940.

G. O. Gariz, Los Angeles: (1) \$4890; (2) \$400; (3) \$800.

Amsco Const. Co., Inc., Long Beach: (1) \$5551; (2) \$514; (3) \$1,022. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on March 16 and in Los Angeles March 17.

Following is a list of blue prints and prices:

VI-TV-129-Prtv.C, bet. Morton St. in Porterville and Mulberry St. Bids to be opened in Sacramento: PLANS: (No. sheets) 7; (Cost) \$70; CROSS-SECTIONS (No. of sheets) 17; (Cost) \$170; (Total) \$240.

XI-S-D-2-S-D, in the city of San Diego, on Pacific Highway between Barnett Ave. and Miramar Rd. Bids to be opened in Los Angeles: PLANS: (No. of sheets) 37; (Cost) \$5; CROSS SECTIONS (No. sheets) 201; (Cost) \$2010; (Total) \$2510.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. * 29

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in San Diego, in the City of San Diego, on Pacific Highway between Barnett Avenue and Miramar Road, XI-S-D-2-S-D, for which bids are to be received in Los Angeles on March 17, 1938.

Said representative will meet prospective bidders at district office by appointment.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

BIDS WANTED

GRAHAM CO., Ariz.—Until March 18, 10 a. m., bids will be received by Arizona State Highway Commission, Phoenix, for construction of Safford-Bowie Junction Highway, FAS 115-C (1938), AFE 8126. The work, which extends from a point 3/4 miles south of Safford in a southerly direction for approximately 3 1/2 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before August 31, 1938.

- The items are:
- (1) 23,200 c.y. roadway excav.;
 - (2) 6,200 cu. y. drainage excav.;
 - (3) 28,600 sta. yds. overhaul;
 - (4) 6,000 c.y. m. haul;
 - (5) 26,800 c.y. imported borrow;
 - (6) 5,600 tons agg. gr. base course;
 - (7) 1,900 M. gals. sprinkling;
 - (8) 490 hrs. rolling;
 - (9) 513 c.y. concrete;
 - (10) 80,900 lbs. reinf. steel;
 - (11) 5,900 lbs. struc. steel;
 - (12) 681 ft. corr. metal pipe (three sizes);
 - (13) 36,000 lf. line fence;
 - (14) 164 tons cutback asph. (MC-2);
 - (15) 2 tons cutback asph. (MC-4);
 - (16) 300 c.y. blotter material;
 - (17) 840 lf. furnish and drive piles;
 - (18) lump sum, furnish and drive test pile;
 - (19) 400 sq. yds. furnish and place oil mix;
 - (20) 225 lf. rail bank protection, Type A.

Howard S. Reed, State Highway Engineer. * 29

BIDS WANTED

PIMA CO., Ariz.—Until March 18, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of Tucson-Nogales Highway, FA 86-A, 3rd reop. (1938) AFE 8990. The work which begins about 8 1/2 miles south of Tucson and extends southerly for 13 1/2 miles, consists of grading, draining, aggregate base course and 90-95 road oil plant mix and is to be completed on or before April 15, 1939.

- The items are:
- (1) 43,900 c.y. rdwy. excav.;
 - (2) 4,600 c.y. drainage excav.;
 - (3) 2,800 c.y. struc. excav.;
 - (4) 250 c.y. removal of old concrete;
 - (5) 16,500 sta. yd. overhaul;
 - (6) 2,900 cu. yd. m. haul;
 - (7) 181,900 c.y. imported borrow;
 - (8) 43,200 tons agg. base course;
 - (9) 9,000 M. gals. sprinkling;
 - (10) 2,500 hours rolling;
 - (11) 1,380 c.y. concrete;
 - (12) 150,000 lbs. reinf. steel;
 - (13) 1,936 ft. corr. metal pipe (four sizes);
 - (14) 590 lf. 12-in. plain conc. pipe;
 - (15) 18,600 tons plant mix;
 - (16) 970 tons road oil (90-85);
 - (17) 370 tons cutback asph. (MC-2);
 - (18) 13,649 m.cys. place plant mix;
 - (19) 2,300 tons screenings;
 - (20) 4,600 sq. yds. placing intersections;
 - (21) 500 tons stockpiling plant mix;
 - (22) lump sum, removal of concrete bridges.

Howard S. Reed, State Highway Engineer. 29

CONTRACT AWARDED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Bert Hale, Pismo Beach, at \$6,658.50, was awarded contract by the State Division of Highways, Sacramento, for applying diesel oil to roadside vegetation for about 242.6 miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties. * 29

LOW BIDDER

PHOENIX, Maricopa Co., Ariz.—Arizona Sand and Rock Co., Box 1522 Phoenix, at \$7902.49 submitted low bid to the Phoenix City Council, Jas. Grand, City Engineer, for street improvements on Encanto Blvd., Phoenix. 29

COMPLETE BIDS

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Bert Hale, Pismo Beach, at \$6,658.50 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for applying diesel oil to roadside vegetation for about 242.6 miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

Complete bids follow:

Bert Hale, Pismo Beach, \$1.93 per barrel; total, \$6658.50.
Oilfields Trucking Co., Bakersfield, \$2.21; \$7624.50.
Lee J. Immel, Berkeley, \$2.26; \$7797 Pacific Truck Service, Inc., San Jose, \$2.44; \$8418.00.
Bradley Truck Co., Inc., Santa Maria \$2.64½; \$9125.25.
L. A. Brisco, Arroyo Grande, \$2.89; \$8970.50.
Western Motors Transit Co., Santa Barbara, \$3.09; \$10,660.50. 29

BIDS WANTED

SAN FRANCISCO—Until March 16, 2:30 p.m. bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19101, for widening and reconstructing Golden Gate Avenue, between Van Ness and Taylor Streets, San Francisco. Estimated cost, \$43,801.95.

Work involves:

- (1) 3600 l.f. stone curb reset, all sizes;
- (2) 1000 sq. ft. stone curb redressed;
- (3) 420 l.f. armored concrete curb;
- (4) 1300 l.f. new granite curb in place (tangent), 6-inch top width);
- (5) 8 brick catchbasins moved and reconstructed;
- (6) 7 brick catchbasins, complete;
- (7) 102 l.f. 10-in. VCP culvert, in place;
- (8) 40 street and traffic signs reset;
- (9) 7 low-pressure fire hydrants moved;
- (10) 2 high-pressure fire hydrants moved;
- (11) 1600 lbs. new cast iron pipe and specials;
- (12) 200 lbs. lead;
- (13) 20 c.y. high pressure pipe excavation;
- (14) 320 lbs. wrought-iron bolts, nuts and washers;
- (15) 7800 l.f. 1½-in. black conduit, in place;
- (16) One electric traffic signal relocated (pedestrian);
- (17) 3 police and fire alarm boxes relocated;
- (18) 6 manhole frames and covers, installed;
- (19) 7000 sq. ft. asphaltic wearing surfaces removed from concr. base;

- (20) 46,000 sq. ft. pavement removed;
- (21) 32,000 sq. ft. 8-in. Class E 5-sack concrete pavement, parking lanes;
- (22) 46,000 sq. ft. asphaltic concrete pavement consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;
- (23) 150 tons asphaltic concrete wearing surface, in place;
- (24) 400 tons asphaltic concrete base course, in place;
- (25) 175 l.f. 6-in. VCP side sewers, in place;
- (26) 200 each, new crosswalk markers, in place;
- (27) 16,800 sq. ft. two-course concrete sidewalk.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10. * 29

BIDS WANTED

WHITE PINE CO., Nevada.—Until March 10, 1:30 p.m., bids will be received by the Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the reconstruction of approximately 4712 miles of the State Highway System, including the construction of a concrete and steel overpass, Route 2, Section C1, 3 and D1, White Pine County, Nevada.

Work involves:

- (1) force account, special detours;
- (2) 50 hrs., 75-hp. crawler type tractor;
- (3) 50 hrs., 10-ft. blade grader;
- (4) 50 hrs., 75-hp. tractor with power scraper;
- (5) 100 hrs., motor grader with pneumatic tires;
- (6) 300 hrs., 1.5-ton truck;
- (7) lump sum, detour signs;
- (8) 1,150 l.f. remove fence;
- (9) 3 c.y. remove concrete;
- (10) 175 l.f. remove culvert pipe;
- (11) 12 each, remove headwalls;
- (12) 6,732 l.f. remove guard rail;
- (13) lump sum, remove overpass;
- (14) 46,292 sq. yd. remove and stockpile roadmix surface;
- (15) 40,243 c.y. roadway excav. A;
- (16) 97,492 c.y. roadway excav. B;
- (17) 18,575 c.y. roadway excav. C;
- (18) 2,050 c.y. drainage excav.;
- (19) 12,651 c.y. borrow;
- (20) 50 sta. slope rounding;
- (21) 228,680 yd. sta. overhaul (yd. sta.);
- (22) 5,575 yd. mi. overhaul (yd. ml.);
- (23) 2,690 c.y. struc. excav.;
- (24) 5,495 c.y. backfill;
- (25) 4,67 ml. subgrade, Type B;
- (26) 900 c.y. rock cleanup;
- (27) force account, roadside cleanup;
- (28) 4,083 M. gals. water;
- (29) 18,837 tons, Type 1 gravel base;
- (30) 27,266 tons, Type 2 gravel base (1.5-in. size);
- (31) 69 tons liq. asph., Type SC2 (seal);
- (32) 376 tons liq. asph., Type SC2 (roadmix);
- (33) 347 ml. roadmix;
- (34) 4,373 c.y. salvaged aggregate;
- (35) 1,318 c.y. class A concrete;
- (36) 23 c.y. class B concrete;
- (37) 259 c.y. class D concrete;
- (38) 180,905 lbs. reinf. steel;
- (39) 277,850 lbs. struc. steel;
- (40) 40 l.f. 8-in. CMP;
- (41) 280 l.f. 18-in. CMP;
- (42) 286 l.f. 24-in. CMP;
- (43) 81 l.f. 30-in. CMP;
- (44) 113 l.f. relay culvert pipe;
- (45) 145 c.y. hand-laid riprap;
- (46) 630 c.y. gouted hand-laid riprap;
- (47) 6 each, move pipe culvert headwalls;
- (48) 900 lbs. castings;
- (49) 1,040 l.f. beam type metal guard rail;
- (50) 1,311 l.f. construct fence;
- (51) 856 l.f. reconstruct fence;

- (52) 1 each, 14-ft. steel gate;
- (53) 115 each, monuments;
- (54) 335 l.f. 2-in. water pipe;
- (55) 30 l.f. furnish 2-in. water pipe;
- (56) 40 l.f. furnish 18-in. CMP;
- (57) 154 l.f. furnish 24-in. CMP;
- (58) 60 l.f. furnish 30-in. CMP;
- (59) 46 l.f. timber curb;
- (60) 484 l.f. struc. steel railing;
- (61) lump sum, blast plate;
- (62) ALTERNATE A—(Metal Crib) 1013 each, 6-ft. 0-in. metal stretcher;
- (63) 80 each, 8-ft. 0-in. metal stretcher;
- (64) 307 each, 4-ft. 0-in. metal header;
- (65) 109 each, 6-ft. 0-in. metal header;
- (66) 248 each, 8-ft. 0-inch metal header;
- (67) ALTERNATE B—(Concrete Crib) 504 each, 6-in. x 6-in. concrete stretcher;
- (68) 800 each, 6-in. x 8-in. concrete stretcher;
- (69) 446 each, 6-in. x 10-in. concrete stretcher;
- (70) 180 each, 5-in. x 8-in. concrete header;
- (71) 798 each, 5-in. x 10-in. concrete header.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10; \$5.00 refundable. * 29

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Love & Haun, 4554 20th St., San Francisco, at \$1,654.30, awarded contract by the Department of Public Works, Room 251, City Hall, under Bid No. 19117, for the construction of concrete sidewalks on all sides of North Beach Playground except on Lombard St., San Francisco. Estimated cost, \$2,030.00. * 29

CONTRACT AWARDED

SAN BRUNO, San Mateo Co., Cal.—U. Peira & Son, 375 Delano Ave., San Francisco, at \$0.144 per sq. ft., submitted low bid and was awarded contract by the San Bruno City Council, City Clerk, City Hall, San Bruno, for the construction of 63,000 sq. ft. of 4-inch sidewalk in the City of San Bruno. Engineer's estimate \$12,100.

Complete bids follow:

	Per Sq. Ft.
U. Peira & Son, 375 Delano Ave., San Francisco.....	\$0.144
F. Ferrando & Co., S. F.....	.145
Goldengate Concr. Co., S. F.....	.15
Hugo Heisinger, San Mateo.....	.155
DeLuca & Son, Inc., S. F.....	.158
A. Soda & Son, Oakland.....	.1725
Chas. L. Harney, S. F.....	.21

BIDS OPENED

LONG BEACH, Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at \$23,922.98 submitted low bid to the Long Beach city council for improving Ocean Blvd. between Golden Ave. and Alamitos Ave., under cash contract, in accordance with plans and specifications prepared by J. W. B. Blackman, city engineer-public service director.

The work involves:

- (1) 421 l.f. conc. curb;
- (2) 3679 l.f. combined curb and 6-in. gutter, 5-ft. wide;
- (3) 265 l.f. combined curb and 6-in. gutter, 18-in. wide;
- (4) 209 l.f. combined curb and 6-in. gutter, 3-ft. wide;
- (5) 6507 sq. ft. 6-in. gutter;
- (6) 131 sq. ft. 8-in. gutter;
- (7) 10,369 sq. ft. 3½-in. sidewalk;
- (8) 600 sq. ft. 6-in. sidewalk;
- (9) 65 l.f. 8-in. standard strength

- (10) cement pipe;
 - (11) 1 type B1 local depression;
 - (12) 1 type B2 local depression;
 - (13) 20 L.F. type A concrete backfill for 8-in. pipe;
 - (14) 805 c.y. concrete removal;
 - (15) 29 c.y. structure excavation;
 - (16) 1703 tons asph. conc. base course
 - (17) 1281 tons asph. conc. leveling course;
 - (18) 1531 tons asph. conc. type A surface;
 - (19) 8551 sq. yds. subgrade for 7-in. asph. conc. pavement;
 - (20) 4663 sq. yds. asph. conc. surface removal;
 - (21) lump sum, grading.
- The total bids were:
- A) Sully-Miller Contr. Co., Long Beach, \$23,982.98.
 - B) Anso Const. Co., Long Beach, \$25,628.70.
 - C) Griffith Co., Los Angeles, \$27,245.52.
 - D) Oswald Bros., Los Angeles, \$30,882.13.

The unit bids were:

	(A)	(B)	(C)	(D)
1).....	\$.50	\$.60	\$.50	\$.50
2).....	1.20	1.25	1.33	1.55
3).....	.80	.90	.75	1.00
4).....	1.00	1.15	1.05	1.30
5).....	.20	.22	.185	.22
6).....	.25	.26	.25	.26
7).....	.12	.14	.15	.15
8).....	.20	.20	.23	.21
9).....	.70	.70	1.00	1.00
10).....	5.00	9.00	10.00	10.00
11).....	5.00	12.00	15.00	20.00
12).....	.75	1.00	1.50	.50
13).....	.70	1.00	2.00	2.00
14).....	.70	1.00	1.75	1.30
15).....	2.95	3.00	2.85	3.47
16).....	2.95	3.00	2.85	3.47
17).....	3.15	3.15	3.05	3.72
18).....	.10	.08	.10	.13
19).....	.10	.27	.45	.24
20).....	785.00	800.00	1030.00	1300.00

- BIDS OPENED**
LONG BEACH, Calif.—Sully-Miller Contracting Co., 1500 W. 7th Street, Long Beach, at \$4200.61, submitted low bid to Long Beach City Council, for improvement of California Ave., between Anaheim and State Streets, a cash contract. The work involves:
- (1) 122 l.f. conc. combined curb and 8-in. gutter;
 - (2) 114 sq. ft. 8-in. conc. gutter;
 - (3) 680 tons asph. conc. base course;
 - (4) 255 tons asph. conc. leveling course;
 - (5) 335 tons type A surf;
 - (6) 45 c.y. conc. removal;
 - (7) 2978 sq. yds. subgrade for 7-inch asph. conc. pave.;
 - (8) lump sum, grading.
- The total bids were:
- (A) Sully-Miller Contracting Co., Long Beach—\$4200.61.
 - (B) Griffith Co., Los Angeles—\$4,527.16.
 - (C) Anso Constr. Co., Long Beach—\$4862.44.
 - (D) Oswald Bros., Los Angeles—\$6,366.90.

The unit bids were:

	(A)	(B)	(C)	(D)
(1).....	\$ 0.80	\$ 0.90	\$ 1.00	\$ 1.50
(2).....	.25	.35	.30	.70
(3).....	2.95	2.93	3.20	3.30
(4).....	2.95	2.93	3.20	3.40
(5).....	3.15	2.93	3.40	3.50
(6).....	.60	2.20	2.00	5.00
(7).....	.045	.12	.08	.20
(8).....	100.00	200.00	247.00	1000.00

- BIDS OPENED**
SAN FRANCISCO, Calif.—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$1928.25, submitted low bid to the Department of Public Works, City Hall, for the improvement of portions of Sweeney Street, between Bowdoin and Boynton Streets, San Francisco.
- Work involves:

- (1) 150 l.f. 6-in. VCP side sewer;
 - (2) 263 l.f. concrete curb;
 - (3) 5250 sq. ft. asph. conc. pave.;
 - (4) 9 each, water services installed.
- Complete bids follow:
- Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco—(1) \$1; (2) 75c; (3) 28c; (4) \$9.00; total, \$1,928.25.
- M. J. Lynch, San Francisco—(1) 95c; (2) 85c; (3) 28c; (4) \$9.00; total, \$1998.05.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—A. G. Raisch, 1 De Haro St., San Francisco, at \$1680, was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,116 for resurfacing Minnesota St., between 18th and 19th Sts., including the crossing of Minnesota and 19th Sts. Estimated cost, \$2400..... 29

30—RESERVOIRS & DAMS

LOW BIDDER
UMATILLA CO., Ore.—Homer G. Johnson, Portland, Ore., at \$20,820, submitted low bid to the U. S. Engineer Office, Bonneville, Ore., under Bid No. 69-35-247, for extending, raising and strengthening existing levee between the Round-up grounds and sewage disposal plant along Umatilla River at Pendleton, Ore.

Complete bids will be published shortly. 30

BIDS OPENED
BOISE PROJECT, Idaho.—Henry L. Horn, Caldwell, Idaho, at \$4051.80 submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 601-B, for the construction of earthwork and structures for open drains, Boise-Kuna Irrigation Dist., Boise Project, Idaho.

Total bids follow:

Henry L. Horn, Caldwell.....\$4,051.80
 J. A. Terteling & Sons, Boise, 4,391.55
 Triangle Const. Co., Boise.....5,575.20
 Geo. B. Henly Const. Co., Ontario, Ore.....6,469.30
 A. L. Nelson, St. Anthony, Idaho.....7,026.90
 Morrison - Kundsens Co., Inc., Boise.....7,932.50

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. 30

31—PIPE LINES & WELLS

BIDS OPENED
SAN FRANCISCO, Calif.—Martin Murphy, 734 Santa Fe Ave., Albany, at \$484, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for laying 4-inch cast iron mains in Shawnee Avenue and Delano Avenue west, San Francisco.

- Work involves:
- (1) 250 l.f. excavation and backfill for 4-inch pipe, trench 17 in. by 36 in. deep
 - (2) 30 c.y. additional excavation and backfill;
 - (3) No Item 3;
 - (4) installing 250 l.f. of 4-inch bell and spigot cast iron pipe;
 - (5) 500 lbs. installing fittings, gate valves, etc.;
 - (6) 25 l.f. making joints for pipe and fittings;
 - (7) 50 sq. ft. repavement;
 - (8) 20 ½-in. screw taps installed;
 - (9) 300 l.f. ½-in. copper service pipe installed.
- Total bids follow:
- (A) Martin Murphy, 734 Santa Fe Ave., Albany—\$484.00.
 - (B) San Francisco Water Department—\$615.25.
 - (C) W. J. Tobin, Oakland—\$652.50.
 - (D) E. J. Treacy, San Francisco—\$817.25.
 - (E) Pacific States Constr. Co., San

Francisco—\$1322.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$0.60	\$1.20	\$1.25	\$2.23	\$4.00
(2).....	1.00	5.40	1.00	2.00	3.00
(3).....	.....	.....	.....	.....	.....
(4).....	10	12	10	06	20
(5).....	.06	.03	.04	.03	.05
(6).....	.80	.45	.39	.35	.50
(7).....	.40	.30	.35	.35	.30
(8).....	2.00	1.25	1.75	1.00	2.00
(9).....	.63	.55	.75	.545	.50

BIDS OPENED
HEALDSBURG, Sonoma Co., Cal.—Following submitted bids to the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 4th St., San Francisco, under Bid No. 5071, for drilling, casing, testing and capping a well at Farm Security Administration, Sonoma Migratory Labor Camp, Healdsburg, Cal.

- Bids taken on:
- DRILLING AND TESTING**
- (1) From ground surface to depth of 100 feet below surface;
 - (2) From depth of 100 feet to depth of 200 feet below ground surf.;
 - (3) From depth of 200 feet to depth of 300 feet below ground surf.;
 - (4) From depth of 300 feet to depth of 400 feet below ground surf.;
 - (5) From depth of 400 feet to depth of 500 feet below ground surf.;
 - (6) From depth of 500 feet to depth of 600 feet below ground surf.;

FURNISHING AND PLACING CASING

- (7) Furnishing and placing 600 l.f. 10-in. 12-gauge double well casing, complete, in place;
- (8) Furnishing and placing 600 l.f. 8-in. 12-gauge double well casing, complete, in place.

Complete bids follow:

N. F. Kept, Catati—(1) \$2.00; (2) \$3.00; (3) \$4.00; (4) \$5.00; (5) \$6.00; (6) \$7.00; (7) \$2.35; (8) \$1.90; net.

Robt. Garcia, Palo Alto—(1) \$2.90; (2) \$1.75; (3) \$2.00; (4) \$2.50; (5) \$3.00; (6) \$3.50; (7) \$1.92; (8) \$1.60; net.

Harvey M. Berglund, Santa Rosa—(1) \$2.50; (2) \$2.50; (3) \$2.50; (4) \$2.90; (5) \$2.90; (6) \$3.15; (7) \$2.08; (8) \$1.65; net.

L. H. McCallam, Healdsburg—(1) \$2.50; (2) \$2.75; (3) \$3.00; (4) \$3.50; (5) \$4.00; (6) \$4.50; (7) \$1.87; (8) \$1.49; net.

R. L. Norris, Sacramento—(1) \$4; (2) \$4.00; (3) \$5.00; (4) \$6.00; (5) \$6.00; (6) \$7.00; (8) \$2.35; (9) \$1.90; net.

O. J. Pearson, Napa—(1) \$2.50; (2) \$2.50; (3) \$2.50; (4) \$2.75; (5) \$2.75; (6) \$3.00; (7) \$2.06; (8) \$1.65; net. 31

CONTRACT AWARDED
SEATTLE, Wash.—Puget Sound Machinery Depot, 322 1st Avenue, Seattle, at \$611,579, submitted low bid and was awarded contract by the Board of Public Works, G. W. Roberge, Secretary, 513 County-City Building, for the construction of the Harrison Street supply pipe line.

Complete bids follow:

Puget Sound Machinery Depot, 322 1st Ave., Seattle—\$611,579.

Queen City Construction Co., Seattle—\$645,028.

Hydraulic Supply Mfg. Co., Seattle—\$662,814. 31

CONTRACT AWARDED
FRESNO COUNTY, Cal.—Alton B. Carter, Box 131, Avenal, at \$1960.00 was awarded contract by the Fresno County Board of Supervisors, E. Dusenberry, Clerk, Courthouse, Fresno, for laying of concrete pipe line in the Fresno County Fairgrounds.

Complete bids follow:

A. B. Carter, Avenal.....\$1,960.00
 Clovis Conc. Pipe Co. (irreg-

Howard S. Reed, State Highway Engineer. * 29

CONTRACT AWARDED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Bert Hale, Pismo Beach, at \$6,658.50, was awarded contract by the State Division of Highways, Sacramento, for applying diesel oil to roadside vegetation for about 242.6 miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties. * 29

LOW BIDDER

PHOENIX, Maricopa Co., Ariz.—Arizona Sand and Rock Co., Box 1522 Phoenix, at \$7902.49 submitted low bid to the Phoenix City Council, Jas. Girand, City Engineer, for street improvements on Encanto Blvd., Phoenix. * 29

COMPLETE BIDS

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Bert Hale, Pismo Beach, at \$6,658.50 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for applying diesel oil to roadside vegetation for about 242.6 miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

Complete bids follow:

Bert Hale, Pismo Beach, \$1.93 per barrel; total, \$6658.50.
Oilfields Trucking Co., Bakersfield, \$2.21; \$7624.50.

Lee J. Immel, Berkeley, \$2.26; \$7797 Pacific Truck Service, Inc., San Jose, \$2.44; \$8418.00.

Bradley Truck Co., Inc., Santa Maria \$2.64½; \$9125.25.

L. A. Brisco, Arroyo Grande, \$2.89; \$9970.50.

Western Motors Transit Co., Santa Barbara, \$3.09; \$10,660.50. * 29

BIDS WANTED

SAN FRANCISCO.—Until March 16, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19101, for widening and reconstructing Golden Gate Avenue, between Van Ness and Taylor Streets, San Francisco. Estimated cost, \$43,801.95.

Work involves:

- (1) 3600 l.f. stone curb reset, all sizes;
- (2) 400 sq. ft. stone curb redressed;
- (3) 120 l.f. armored concrete curb;
- (4) 1300 l.f. new granite curb in place (tangent), 6-inch top width;
- (5) 8 brick catchbasins moved and reconstructed;
- (6) 7 brick catchbasins, complete;
- (7) 102 l.f. 10-in. VCP culvert, in place;
- (8) 40 street and traffic signs reset;
- (9) 7 low-pressure fire hydrants moved;
- (10) 2 high-pressure fire hydrants moved;
- (11) 1600 lbs. new cast iron pipe and specials;
- (12) 200 lbs. lead;
- (13) 20 c.y. high pressure pipe excavation;
- (14) 320 lbs. wrought-iron bolts, nuts and washers;
- (15) 7800 l.f. 1½-in. black conduit, in place;
- (16) One electric traffic signal relocated (pedestrian);
- (17) 3 police and fire alarm boxes relocated;
- (18) 6 manhole frames and covers, installed;
- (19) 7000 sq. ft. asphaltic wearing surface removed from concr. base;

- (20) 46,000 sq. ft. pavement removed;
- (21) 32,000 sq. ft. 8-in. Class E 5-sack concrete pavement, parking lane;
- (22) 46,000 sq. ft. asphaltic concrete pavement consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;
- (23) 150 tons asphaltic concrete wearing surface, in place;
- (24) 400 tons asphaltic concrete base course, in place;
- (25) 175 l.f. 6-in. VCP side sewers, in place;
- (26) 200 each, new crosswalk markers, in place;
- (27) 16,800 sq. ft. two-course concrete sidewalk.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10. * 29

BIDS WANTED

WHITE PINE CO., Nevada.—Until March 10, 1:30 p.m., bids will be received by the Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the reconstruction of approximately 4.712 miles of the State Highway System, including the construction of concrete and steel overpass, Route 2, Section C1, 3 and D1, White Pine County, Nevada.

Work involves:

- (1) force account, special detours;
- (2) 50 hrs., 75-hp. crawler type tractor;
- (3) 50 hrs., 10-ft. blade grader;
- (4) 50 hrs., 75-hp. tractor with power scraper;
- (5) 100 hrs., motor grader with pneumatic tires;
- (6) 800 hrs., 15-ton truck;
- (7) lump sum, detour signs;
- (8) 1,180 l.f. remove fence;
- (9) 3 c.y. remove concrete;
- (10) 175 l.f. remove culvert pipe;
- (11) 12 each, remove headwalls;
- (12) 6,732 l.f. remove guard rail;
- (13) lump sum, remove overpass;
- (14) 46,292 sq. yd. remove and stock-pile roadmix surf.
- (15) 10,243 c.y. roadway excav. A;
- (16) 97,492 c.y. roadway excav. B;
- (17) 15,773 c.y. roadway excav. C;
- (18) 2,050 c.y. drainage excav.;
- (19) 12,651 c.y. borrow;
- (20) 50 sta. slope rounding;
- (21) 228,680 yd. sta. overhaul (yd. sta.);
- (22) 5,575 yd. mi. overhaul (yd. mi.);
- (23) 2,690 c.y. struc. excav.;
- (24) 5,495 c.y. backfill;
- (25) 4.67 mi. subgrade, Type B;
- (26) 800 c.y. rock cleanup;
- (27) force account, roadside cleanup;
- (28) 4,083 M. gals. water;
- (29) 18,837 tons, Type 1 gravel base;
- (30) 27,266 tons, Type 2 gravel base (1.5-in. size);
- (31) 69 tons liq. asph., Type SC2 (seal);
- (32) 376 tons liq. asph., Type SC2 (roadmix);
- (33) 7.47 mi. roadmix;
- (34) 4,373 c.y. salvaged aggregate;
- (35) 1,318 c.y. class A concrete;
- (36) 23 c.y. class B concrete;
- (37) 259 c.y. class D concrete;
- (38) 180,905 lbs. reinf. steel;
- (39) 277,850 lbs. struc. steel;
- (40) 40 l.f. 8-in. CMP;
- (41) 280 l.f. 18-in. CMP;
- (42) 286 l.f. 24-in. CMP;
- (43) 218 l.f. 30-in. CMP;
- (44) 113 l.f. relay culvert pipe;
- (45) 145 c.y. hand-laid riprap;
- (46) 630 c.y. grouted hand-laid riprap;
- (47) 6 each, move pipe culvert headwalls;
- (48) 900 lbs. castings;
- (49) 1,040 l.f. beam type metal guard
- (50) 1,211 l.f. construct fence;
- (51) 856 l.f. reconstruct fence;

- (52) 1 each, 14-ft. steel gate;
- (53) 115 each, monuments;
- (54) 335 l.f. 2-in. water pipe;
- (55) 30 l.f. furnish 2-in. water pipe;
- (56) 40 l.f. furnish 18-in. CMP;
- (57) 154 l.f. furnish 24-in. CMP;
- (58) 60 l.f. furnish 30-in. CMP;
- (59) 46 l.f. timber curb;
- (60) 484 l.f. struc. steel railing;
- (61) lump sum, blast plate;
- (62) 4013 each, 6-ft.-10-in. metal stretcher;
- (63) 80 each, 8-ft. 0-in. metal stretcher;
- (64) 307 each, 4-ft. 0-in. metal header;
- (65) 109 each, 6-ft. 0-in. metal header;
- (66) 248 each, 8-ft. 0-in. metal header;
- (67) 500 each, 6-in. x 6-in. concrete stretcher;
- (68) 900 each, 6-in. x 8-in. concrete stretcher;
- (69) 446 each, 6-in. x 10-in. concrete stretcher;
- (70) 180 each, 5-in. x 8-in. concrete header;
- (71) 798 each, 5-in. x 10-in. concrete header.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada; and from the District Office of the Bureau of Public Rds., Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10; \$5.00 refundable. * 29

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Love & Haus, 4354 20th St., San Francisco, at \$1,654.30, awarded contract by the Department of Public Works, Room 251, City Hall, under Bid No. 19117, for the construction of concrete sidewalks on all sides of North Beach Playground except on Lombard St., San Francisco. Estimated cost, \$2,030.00. * 29

CONTRACT AWARDED

SAN BRUNO, San Mateo Co., Cal.—U. Peira & Son, 375 Delano Ave., San Francisco, at \$0.144 per sq. ft. submitted low bid and was awarded contract by the San Bruno City Council, City Clerk, City Hall, San Bruno, for the construction of 63,000 sq. ft. of 4-inch sidewalk in the City of San Bruno. Engineer's estimate \$12,100.

Complete bids follow:

	Per Sq. Ft.
U. Peira & Son, 375 Delano Ave., San Francisco.....	\$0.144
F. Ferrando & Co., S. F.....	.145
Goldengate Concr. Co., S. F.....	.15
Hugo Heisinger, San Mateo.....	.155
DeLuca & Son, Inc., S. F.....	.156
A. Soda & Son, Oakland.....	.1725
Chas. L. Harney, S. F.....	.21

BIDS OPENED

LONG BEACH, Cal.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at \$23,982.98 submitted low bid to the Long Beach city council for improving Ocean Blvd. between Golden Ave. and Alamitos Ave., under cash contract, in accordance with plans and specifications prepared by J. W. B. Blackman, city engineer-public service director.

The work involves:

- (1) 121 l.f. conc. curb;
- (2) 3679 l.f. combined curb and 6-in. gutter, 5-ft. wide;
- (3) 265 l.f. combined curb and 6-in. gutter, 18-in. wide;
- (4) 209 l.f. combined curb and 6-in. gutter, 3-ft. wide;
- (5) 6507 sq. ft. 6-in. gutter;
- (6) 131 sq. ft. 8-in. gutter;
- (7) 16,389 sq. ft. 3½-in. sidewalk;
- (8) 600 sq. ft. 6-in. sidewalk;
- (9) 65 l.f. 8-in. standard strength

- 1) cement pipe;
 - 10) 1 type B1 local depression;
 - 11) 1 type B2 local depression;
 - 12) 20 l.f. type A concrete backfill for 8-in. pipe;
 - 13) 805 c.y. concrete removal;
 - 14) 29 c.y. structure excavation;
 - 15) 1703 tons asph. conc. base course
 - 16) 1281 tons asph. conc. leveling course;
 - 17) 1531 tons asph. conc. type A surface;
 - 18) 855 $\frac{1}{2}$ sq. yds. subgrade for 7-in. asph. conc. pavement;
 - 19) 4663 sq. yds. asph. conc. surface removal;
 - 20) lump sum, grading.
- The total bids were:
- A) Sully-Miller Contr. Co., Long Beach, \$23,982.98.
 - B) Anso Const. Co., Long Beach, \$25,628.70.
 - C) Griffith Co., Los Angeles, \$27,245.82.
 - D) Oswald Bros., Los Angeles, \$30,821.33.

The unit bids were:

	(A)	(B)	(C)	(D)
1).....	\$.50	\$.60	\$.50	\$.80
2).....	1.20	1.25	1.33	1.55
3).....	.80	.90	.75	1.00
4).....	1.00	1.15	1.05	1.30
5).....	.20	.22	.185	.22
6).....	.25	.26	.25	.26
7).....	.12	.14	.15	.15
8).....	.20	.20	.23	.21
9).....	.70	.70	1.00	1.03
10).....	5.00	9.00	10.00	10.00
11).....	5.19	12.00	15.00	20.03
12).....	.75	1.00	1.50	.50
13).....	.70	1.00	2.00	2.00
14).....	.70	1.00	1.75	1.30
15).....	2.95	3.00	2.85	3.47
16).....	2.95	3.00	2.85	3.47
17).....	3.15	3.15	3.05	3.72
18).....	.10	.08	.10	.13
19).....	.10	.27	.45	.24
20).....	785.00	800.00	1030.00	1360.00
				29

- BIDS OPENED**
LONG BEACH, Cal.—Sully-Miller Contracting Co., 1500 W. 7th Street, Long Beach, at \$4200.61, submitted low bid to Long Beach City Council, for improvement of California Ave., between Anaheim and State Streets, a cash contract. The work involves:
- (1) 122 l.f. conc. combined curb and 8-in. gutter;
 - (2) 114 sq. ft. 8-in. conc. gutter;
 - (3) 680 tons asph. conc. base course;
 - (4) 255 tons asph. conc. leveling course;
 - (5) 335 tons type A surf.;
 - (6) 45 c.y. conc. removal;
 - (7) 2978 sq. yds. subgrade for 7-inch asph. conc. pave.;
 - (8) lump sum, grading.
- The total bids were:
- (A) Sully-Miller Contracting Co., Long Beach—\$4200.61.
 - (B) Griffith Co., Los Angeles—\$4,527.16.
 - (C) Anso Constr. Co., Long Beach—\$4862.44.
 - (D) Oswald Bros., Los Angeles—\$6,366.90.
- The unit bids were:
- | | (A) | (B) | (C) | (D) |
|---------|---------|---------|---------|---------|
| 1)..... | \$ 0.80 | \$ 0.90 | \$ 1.00 | \$ 1.50 |
| 2)..... | .25 | .35 | .30 | .70 |
| 3)..... | 2.95 | 2.93 | 3.20 | 3.30 |
| 4)..... | 2.95 | 2.93 | 3.20 | 3.40 |
| 5)..... | 3.15 | 2.93 | 3.40 | 3.50 |
| 6)..... | .60 | 2.20 | 2.00 | 5.00 |
| 7)..... | .045 | .12 | .08 | .20 |
| 8)..... | 100.00 | 200.00 | 247.00 | 1000.00 |
| | | | | 29 |

- BIDS OPENED**
SAN FRANCISCO, Calif.—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$1928.25, submitted low bid to the Department of Public Works, City Hall, for the improvement of portions of Sweeney Street, between Bowdoin and Boyston Streets, San Francisco.
- Work involves:

- (1) 180 l.f. 6-in. VCP side sewer;
 - (2) 263 l.f. concrete curb;
 - (3) 5250 sq. ft. asph. conc. pave.;
 - (4) 9 each, water services installed.
- Complete bids follow:
 Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco—(1) \$1; (2) 75c; (3) 28c; (4) \$9.00; total, \$1,928.25.
 M. J. Lynch, San Francisco—(1) 95c; (2) 85c; (3) 28c; (4) \$9.00; total, \$1998.05.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—A. G. Raisch, 1 De Haro St., San Francisco, at \$1680, was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,116 for resurfacing Minnesota St., between 18th and 19th Sts., including the crossing of Minnesota and 19th Sts. Estimated cost, \$2400..... 29

30—RESERVOIRS & DAMS

LOW BIDDER
UMATILLA CO., Ore.—Homer G. Johnson, Portland, Ore., at \$20,820, submitted low bid to the U. S. Engineer Office, Bonneville, Ore., under Bid No. 69-38-247, for extending, raising and strengthening existing levee between the Round-up grounds and sewage disposal plant along Umatilla River at Pendleton, Ore.

Complete bids will be published shortly. 30

BIDS OPENED
BOISE PROJECT, Idaho.—Henry L. Horn, Caldwell, Idaho, at \$4051.80 submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 601-B, for the construction of earthwork and structures for open drains, Boise-Kuna Irrigation Dist., Boise Project, Idaho.

Total bids follow:
 Henry L. Horn, Caldwell.....\$4,051.80
 J. A. Terteling & Sons, Boise 4,391.55
 Triangle Const. Co., Boise.....5,575.20
 Geo. B. Henly Const. Co., Ontario, Ore.....6,469.30
 A. L. Nelson, St., Anthony, Idaho.....7,026.90
 Morrison - Kundsens Co., Inc., Boise.....7,932.80

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. 30

31—PIPE LINES & WELLS

BIDS OPENED
SAN FRANCISCO, Calif.—Martin Murphy, 734 Santa Fe Ave., Albany, at \$484, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for laying 4-inch cast iron mains in Shawnee Avenue and Delano Avenue west, San Francisco.

Work involves:

- (1) 250 l.f. excavation and backfill for 4-inch pipe, trench 17 in. by 36 in. deep;
- (2) 10 c.y. additional excavation and backfill;
- (3) No Item 3;
- (4) installing 250 l.f. of 4-inch bell and spigot cast iron pipe;
- (5) 500 lbs. installing fittings, gate valves, etc.;
- (6) 25 l.f. making joints for pipe and fittings;
- (7) 50 sq. ft. repavement;
- (8) 20 $\frac{1}{2}$ -in. screw taps installed;
- (9) 300 l.f. $\frac{3}{4}$ -in. copper service pipe installed.

Total bids follow:
 (A) Martin Murphy, 734 Santa Fe Ave., Albany—\$484.00.
 (B) San Francisco Water Department—\$615.25.
 (C) W. J. Tobin, Oakland—\$652.50.
 (D) E. J. Treacy, San Francisco—\$817.25.
 (E) Pacific States Constr. Co., San

Francisco—\$1322.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
1).....	\$0.60	\$1.20	\$1.25	\$2.23	\$4.00
2).....	1.00	5.40	1.00	2.00	3.00
3).....	.....	.....	.....	.....	.....
4).....	.10	.12	.10	.06	.20
5).....	.06	.03	.04	.03	.05
6).....	.30	.45	.30	.35	.50
7).....	.40	.30	.35	.35	.30
8).....	2.00	1.25	1.75	1.00	2.00
9).....	.63	.55	.75	.545	.50
					31

BIDS OPENED
HEALDSBURG, Sonoma Co., Cal.—Following submitted bids to the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 4th St., San Francisco, under Bid No. 5071, for drilling, casing, testing and capping a well at Farm Security Administration, Sonoma Migratory Labor Camp, Healdsburg, Cal.

- DRILLING AND TESTING**
- (1) From ground surface to depth of 100 feet below surface;
 - (2) From depth of 100 feet to depth of 200 feet below ground surf.;
 - (3) From depth of 200 feet to depth of 300 feet below ground surf.;
 - (4) From depth of 300 feet to depth of 400 feet below ground surf.;
 - (5) From depth of 400 feet to depth of 500 feet below ground surf.;
 - (6) From depth of 500 feet to depth of 600 feet below ground surf.;
- FURNISHING AND PLACING CASING**
- (7) Furnishing and placing 600 l.f. 10-in. 12-gauge double well casing, complete, in place;
 - (8) Furnishing and placing 600 l.f. 8-in. 12-gauge double well casing, complete, in place.

Complete bids follow:
 N. F. Kept, Catali—(1) \$2.00; (2) \$3.00; (3) \$4.00; (4) \$5.00; (5) \$6.00; (6) \$7.00; (7) \$2.35; (8) \$1.90; net.
 Robt. Garcia, Palo Alto—(1) \$2.90; (2) \$1.75; (3) \$2.00; (4) \$2.50; (5) \$3.00; (6) \$3.50; (7) \$1.92; (8) \$1.60; net.
 Harvey M. Berglund, Santa Rosa—(1) \$2.50; (2) \$2.50; (3) \$2.50; (4) \$2.90; (5) \$2.90; (6) \$3.15; (7) \$2.06; (8) \$1.65; net.
 L. H. McCallam, Healdsburg—(1) \$2.50; (2) \$2.75; (3) \$3.00; (4) \$3.50; (5) \$4.00; (6) \$4.50; (7) \$1.87; (8) \$1.49; net.
 R. L. Norris, Sacramento—(1) \$4; (2) \$4.00; (3) \$5.00; (4) \$6.00; (5) \$6.00; (6) \$7.00; (8) \$2.35; (9) \$1.90; net.
 O. J. Pearson, Napa—(1) \$2.50; (2) \$2.50; (3) \$2.50; (4) \$2.75; (5) \$2.75; (6) \$3.00; (7) \$2.06; (8) \$1.65; net. 31

CONTRACT AWARDED
SEATTLE, Wash.—Puget Sound Machinery Depot, 322 1st Avenue, Seattle, at \$611,579, submitted low bid and was awarded contract by the Board of Public Works, G. W. Roberge, Secretary, 513 County-City Building, for the construction of the Harrison Street supply pipe line.

Complete bids follow:
 Puget Sound Machinery Depot, 322 1st Ave., Seattle—\$611,579.
 Queen City Construction Co., Seattle—\$645,028.
 Hydraulic Supply Mfg. Co., Seattle—\$662,814. 31

CONTRACT AWARDED
FRESNO COUNTY, Cal.—Alton B. Carter, Box 131, Avenal, at \$1960.00 was awarded contract by the Fresno County Board of Supervisors, E. Dusenberry, Clerk, Courthouse, Fresno, for laying of concrete pipe line in the Fresno County Fairgrounds.

Complete bids follow:
 A. B. Carter, Avenal.....\$1,960.00
 Clovis Conc. Pipe Co. (irreg.-

ular bid)	1,840.00
Pollard Bros., Fresno	2,023.53
Jourdan Concrete Pipe Co., Fresno	2,050.00
	31

BIDS WANTED

SAN FRANCISCO.—Until March 11, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, for laying of 4-inch and 8-inch cast-iron mains in Hunters Point Blvd. and Silver Ave., San Francisco.

Work involves:

- (1) 1920 l.f. excav. and backfill for 8-inch and 4-inch pipe, trench 17 inches wide by 36 inches deep;
- (2) 20 c.y. additional excav.;
- (3) 35 sq. ft. additional pavement removal and replacement;
- (4) Installing pipe:
 - (a) 1350 l.f. of 8-in. bell and spigot cast iron pipe;
 - (b) 570 l.f. of 4-inch bell and spigot cast iron pipe;
- (5) 1550 lbs. installing fittings, gate valves, etc.;
- (6) 285 l.f. making bell and spigot joints for pipe and fittings;
- (7) 1160 sq. ft. repavement.

Plans and specifications may be obtained from the Sixth Floor, 425 Mason Street, San Francisco, upon deposit of \$5.00.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BOND ELECTION

WILLITS, Mendocino Co., Calif.—The City of Willits will hold a special election on April 12, for the purpose of voting bonds in the amount of \$25,000 to finance the construction and completion of addition and improvements to the sewer system.

BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until March 15, 7:30 P. M., bids will be received by the Petaluma City Council, City Clerk, City Hall, Petaluma, for the construction of Unit "C" of the Municipal Sewage Disposal Project, Petaluma.

Work involves:

- Summary of sewer pipe line by sizes:
- (1) 3920 l.f. 6-in. vit. clay pipe;
 - (1A) Alternate: none;
 - (2) 2970 l.f. 8-in. vit. clay pipe;
 - (2A) Alternate: none;
 - (3) 2460 l.f. 12-in. concrete pipe;
 - (4) 1680 l.f. 15-inch concrete pipe;
 - (5) 3820 l.f. 18-in. concrete pipe;
 - (6) 5300 l.f. 21-in. concrete pipe;
 - (3-4-5-6A) Alt.: corrugated iron;
 - (7) 3050 l.f. 24-in. reinf. concrete;
 - (7A) Alt.: corrugated iron;
 - (8) 1820 l.f. 27-in. reinf. concrete;
 - (8A) Alt.: corrugated iron;
 - (9) 690 l.f. 30-in. reinf. concrete;
 - (9A) Alt.: A-B corrugated;
 - (10) 100 l.f. 36-in. double line corrugated iron;
 - (10A) Alt.: none;
 - (11) 2010 l.f. 48-in. (Alt.) corr. iron;
 - (11A) Alt.: concrete;
 - (12) 2010 l.f. 54-in. corr. iron;
 - (12A) Alt.: concrete;
 - (13) 90 l.f. 15-in. corr. iron;
 - (13A) Alt.: none;
 - (14) Catchbasin laterals;
 - (15) 2500 l.f. 12-in. concrete;
 - (15A) Alt.: vitrified clay.
- Summary manholes, catchbasins, catchbasin lateral connection only, house sewer connections:
- (16) 70 only brick manholes;
 - (17) 55 only brick catchbasins;
 - (18) 55 only reinf. conc. catchbasins (Alt. material);
 - (19) 58 only catchbasin 12-in. lateral connections complete bet. existing catchbasin and new or existing drain sewer line;
 - (20) 65 only house sewer connection in improved street, inc. not to

Shoshone Proj., Wyo.—Earthwork and Structures—(Govt.)

SHOSHONE PROJ., Wyo.—Northwestern Engr. Co., Rapid City, South Dakota, at \$173,603.70 submitted low bid to the U. S. Bureau of Reclamation, Cody, Wyo., under Spec. No. 769, for the construction of earthwork, canal lining and structures, Station 712 to Station 920, Heart Mountain Canal, Heart Mountain Division, Shoshone Project, Wyo.

Work involves:

- (1) 433,400 c.y. excav., common, for canal;
- (2) 41,700 c.y. excav., rock, for canal;
- (3) 5,700 sta. c.y. overhaul;
- (4) 6,500 c.y. excav., common, for structures;
- (5) 500 c.y. excav., rock, for do;
- (6) 3,700 c.y. excav., common, for drainage channels and dikes;
- (7) 100 c.y. excav., rock, for do;
- (8) 10,500 c.y. compacting embankment;
- (9) 4,350 sq. yds. prepare rock foundations for concrete lining;
- (10) 6,780 sq. yds. trim earth foundations for concrete lining;
- (11) 37,000 c.y. backfill about struc.;
- (12) 2,000 c.y. puddling or tamping backfill about struc.;
- (13) 4,610 c.y. concrete in struc.;
- (14) 1,235 c.y. concrete in canal lining;

- (15) 1,401,000 lbs. placing reinf. bar
 - (16) 850 sq. yds. dry rock paving;
 - (17) 9 MFMB erecting timber in structures;
 - (18) 2,660 l.f. constructing 6-in. di. underdrains with uncemented joints;
 - (19) 300 l.f. laying 6-in. dia. sewer pipe with cemented joints;
 - (20) 32 l.f. laying 18-in. dia. concrete pipe;
 - (21) 1,500 lbs. installing blow-off valves and connections;
 - (22) 720 lbs. installing pipe handrails;
 - (23) 2,600 lbs. installing gates;
 - (24) 1,450 lbs. installing stop-plan guides.
- Total bids follow:
- (A) Northwestern Engr. Co., Rapid City, S. Dak., \$173,603.70.
 - (B) James Crick, Spokane, Wash., \$183,900.50.
 - (C) Haas, Doughty & Jones and Marshall & Stacy, San Francisco, \$185,172.50.
 - (D) H. J. Adler Const. Co., Yakima, \$195,832.00.
 - (E) Peter Kiewit Sons' Co., Omaha, Neb., \$199,335.30.
 - (F) M. S. Ross, Riverton, Wyo., \$202,013.50.
 - (G) Morrison-Knudsen Co., Inc. Boise, Idaho, \$229,618.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.094	\$.09	\$.115	\$.1025	\$.10	\$.095	\$.11
(2)	.094	.09	.115	.40	.10	.095	.50
(3)	.04	.02	.03	.05	.02	.02	.04
(4)	1.25	.40	.30	.35	.75	.50	.35
(5)	1.25	.40	.80	.80	.75	.90	1.25
(6)	1.18	.10	.15	.10	.15	.14	.20
(7)	.18	.10	.80	1.00	.10	.90	.80
(8)	.05	.20	.25	.25	.15	.15	.25
(9)	.12	.40	.50	.50	.30	.50	.70
(10)	.06	.40	.30	.30	.06	.40	.40
(11)	.28	.15	.12	.15	.25	.15	.20
(12)	.60	.45	.40	.40	.45	.50	.50
(13)	18.40	18.75	16.40	17.50	18.00	18.50	20.00
(14)	12.40	12.00	12.00	9.50	16.00	16.00	16.00
(15)	.018	.014	.015	.015	.0175	.021	.018
(16)	1.50	2.00	1.50	1.50	3.00	2.00	1.50
(17)	20.00	30.00	30.00	20.00	35.00	40.00	30.00
(18)	.30	.40	.50	.50	.50	.65	.30
(19)	.60	.50	.50	.40	.75	.70	.50
(20)	1.00	.90	1.00	.75	.75	1.00	1.00
(21)	.10	.05	.05	.05	.10	.07	.05
(22)	.10	.10	.10	.10	.10	.10	.05
(23)	.15	.05	.05	.05	.10	.08	.05
(24)	.15	.10	.10	.10	.10	.10	.05

LOS ANGELES—Covers & Frames, Pumping Plants—(Dist.)

LOS ANGELES, Calif.—Bids for furnishing hatch covers and frames for the pumping plants of the Colorado River Aqueduct, Bid No. 95526, were opened by the Metropolitan Water District Purchasing Agent, Los Angeles. Bids were taken on schedules as follows:

- (1) Intake pumping plant;
- (2) Gene pumping plant;
- (3) Iron Mtn. pumping plant;
- (4) Eagle Mtn. pumping plant;
- (5) Hayfield pumping plant;

Discount for award of all items.

The bidders were:

- (A) Buehler Tank & Welding Works; f.o.b. Los Angeles; terms, net 30 days.

	(1)	(2)	(3)	(4)	(5)	Sales Tax
(A)	\$3516.75	\$3469.20	\$3469.20	\$349.20	\$3570.20	\$524.84
(B)	3941.00	2889.00	4069.00	3740.00	3825.00	583.92
(C)	6188.00	6187.00	6337.00	6187.00	6231.00	21.00
(D)	4805.00	4525.00	4855.00	4525.00	4655.00	645.53
(E)	4880.00	4882.00	4882.00	4882.00	4942.00	7.50
(F)	5529.00	5221.00	5191.00	5191.00	5282.00	792.42
(G)	5580.00	5580.00	5580.00	5580.00	5735.00	799.57

*Discount combined award. 13%.

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$35; 5443 Trask St., Oakland; owner, Aretta E. McFadden, 5443 Trask St.

ALTERATIONS, \$600; 1724 55th Ave. Oakland; owner, L. Newhouse; premises; contractor, Home Owners Imp. Co., 350 Hobart St., Oakland.

exceed 35-ft. 5-in. vit. clay house sewer and Y branch or equal connection.

Plans and specifications may be obtained from the above office upon deposit of \$20.00. * 32

LOW BIDDERS

HICKAM FIELD, T. H.—George Hess, Honolulu, at \$30,847, submitted low bid to the Purchasing and Contracting Officer, Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W-39738-21, for the construction and completion of an outfall sewer line at Hickam Field, T. H.

Hawaiian Contracting Co., Honolulu, at \$55,443, submitted second low bid. * 32

33— WATER WORKS

LOW BIDDER

TWISP, Okanogan Co., Wash.—J. N. Payne, Omak, Wash., at \$28,529 submitted low bid to the Town Clerk, Geo. M. Gibson, for water system improvements, Unit No. 2. * 33

BIDS OPENED

BRAWLEY, Imperial Co., Calif.—J. E. Kerns, 3712 Gaviota Ave., Long Beach, at \$24,732, submitted the low bid to the Brawley City Council for furnishing all necessary labor, material, and equipment for the extension of the filtration plant and intake pipe line for the water plant, including two filters with capacity of 1,000,000 gallons per day each, including 763 feet of 36-in. concrete pipe.

R. T. Pinner, Brawley, at \$1898.50, submitted the low bid for constructing the Intake Pipe Line to the plant. The complete bids were:

FILTRATION PLANT

G. E. Kerns, Long Beach—\$24,732.
Aage Kaiser, Brawley—\$26,511.
Paddock Engineering Co., Los Angeles—\$28,000.

The Contracting Engineers Co., Los Angeles—\$29,180.

Hoagland Engrg. & Constr. Co., Long Beach—\$31,725.

INTAKE PIPE LINE

R. T. Pinner, Brawley—\$1898.50.
Ebehek & Brkich, Los Angeles—\$3,190.

A. L. Gabrielson, Arlington—\$4,319.

BIDS WANTED

CORCORAN, Kings Co., Calif.—Until March 7, 8 p.m., bids will be received by the Corcoran City Council for constructing a concrete settling tank of 50,000 gallons capacity and a concrete storage tank of 110,000 gallons capacity. * 33

34— PARKS AND PLAY-GROUNDS

BIDS WANTED

CENTRALIA, Wash.—Until March 24, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office at Centralia, Wash.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Centralia.

BIDS WANTED

GRASS VALLEY, Nevada Co., Cal.—Until March 24, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office at Grass Valley.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Grass Valley. * 34

BIDS WANTED

FLAGSTAFF, Ariz.—Until March 17, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office, at Flagstaff, Ariz.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Flagstaff. * 34

BIDS WANTED

SALINAS, Monterey Co., Cal.—Until March 23, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Salinas.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Salinas.

BIDS WANTED

TRACY, San Joaquin Co., Calif.—Until March 25, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office at Tracy.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Tracy.

35— TUNNELS

BIDS WANTED

CENTRAL VALLEY PROJECT, Cal.—Until March 14, 10 a.m. (tentative date), bids will be received by

the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 771, for the construction of the diversion tunnel and temporary relocation of the Southern Pacific Railroad at Shasta Dam, Kennett Division, Central Valley project.

- Work involves:
- (1) 35,800 c.y. of all classes of excavation for roadway;
 - (2) 50,000 sta. c.y. of overhaul;
 - (3) 500 c.y. of all classes for excavation for struc.;
 - (4) 46,750 c.y. of excav. in tunnel;
 - (5) 800 c.y. of backfill;
 - (6) 25 sq. yds. of dry-rock paving;
 - (7) 13,125 c.y. of concrete in tunnel;
 - (8) 525 c.y. of concrete in struc.;
 - (9) furnishing and installing 70,000 lbs. of permanent steel tunnel supports;
 - (10) placing 10,000 lbs. of reinf. bars;
 - (11) installing 12,000 lbs. of grout and drain pipes;
 - (12) installing 300 l.f. of metal sealing strips;
 - (13) drilling 750 l.f. of weep holes;
 - (14) laying 25 l.f. 18-in. dia. corr. metal pipe;
 - (15) placing 460 cinch anchors in tunnel lining;
 - (16) erecting 50,000 lbs. of steel cover section.

Plans and specifications may be obtained at the above office. * 35

ALAMEDA COUNTY PERMITS UNDER \$1000

SIGN, metal, \$45; 1967 Telegraph Ave.; owner and contractor, Safeway Stores, Inc., 5725 East 14th St.

SIGN, metal, \$30; 3801 Foothill Blvd., Oakland; owner and contractor, Safeway Stores, Inc., 5725 E. 14th St.

SIGN, electric, \$450; 3291 Lakeshore Ave., Oakland; owner, Lucky Cleaners, Prem.; contractor, El. Prod. Corp., 950 30th St.

SIGN, electric, \$90; 1089 23rd Ave., Oakland; owner, J. A. Hern, Prem.; contractor, Imp Electric Sign Co., 2228 Myrtle St.

SIGN, electric, \$110; 3720 Hopkins St., Oakland; owner, H. E. Gard, Prem.; contractor, Imp Electric Sign Co., 2228 Myrtle St.

RE-ROOF, \$82; 1215 Milvia, Berkeley; owner, A. C. Wagner, 6121 Magarido Dr., Berkeley; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

RE-ROOF, \$400; 2822 Kelsey, Berkeley; owner and contractor, C. McCorkle, premises.

ALTERATIONS, \$200; 2555 Buena Vista Berkeley; owner J. E. Fork Co., 2137 Center St., Berkeley; contractor, G. V. Harris, 5912 Ayala, Berkeley.

SACRAMENTO AIR DEPOT—Runways and Drainage—(Govt.)

SACRAMENTO AIR DEPOT—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$206,600, submitted low bid to the Constructing Quartermaster, Sacramento Air Depot, for the construction and completion of runways and drainage at the Sacramento Air Depot, Sacramento.

Work involves:

- (1) Lump sum: furnish all material and equipment and perform all labor necessary to construct paved runways and taxiway of 6-inch plant-mix stabilized soil base, using all imported materials; to construct storm drains with concrete pipe including manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurten-

ances necessary to construct the electrical duct lines;

- (2) Deduct if 600 feet of runway B is omitted from Item 1;
- (3) Deduct if taxiway No. 2 and storm drains and inlets along same from manhole No. 4 to manhole No. 5 and two 4-inch duct lines are omitted from Item 1;
- (4) Deduct if taxiway No. 3 and storm drain and inlets along the north side of same from manhole No. 3 to inlet No. 3, and one 4-inch duct line are omitted from Item 1;
- (5) Deduct if taxiway No. 4 and storm drain and inlets along the west side of same from manhole No. 1 to inlet No. 1 and one 4-inch duct line are omitted

- from Item 1;
- (6) Deduct if taxiway No. 5 and storm drain manholes and inlets along same from manhole No. 2 to inlet No. 2 and two 4-inch duct lines are omitted from Item 1;
- (7) Lump sum: furnish all material and equipment and perform all labor necessary to construct paved runways and taxiways of 6-inch mix in place stabilized soil base, using all imported materials as specified under Alt. A; to construct storm drains with concrete pipe including the manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurtenances necessary to construct the electrical duct lines;

- (8) Deduct if 600 feet of west end of runway B is omitted from Item 7;
- (9) Deduct if taxiway No. 2 and storm drains and inlets along same from manhole No. 4 to manhole No. 5 and two 4-inch duct lines are omitted from Item 7;
- (10) Deduct if taxiway No. 3 and storm drains and inlets along north side of same from manhole No. 3 to inlet No. 3 and one 4-inch duct line are omitted from Item 7;
- (11) Deduct if taxiway No. 4 and storm drains and inlets along west side of same from manhole No. 1 to inlet No. 1 and one 4-inch duct line are omitted from Item 7;
- (12) Deduct if taxiway No. 5 and storm drains and inlets along same from manhole No. 2 to inlet No. 2 and two 4-inch duct lines are omitted from Item 7;
- (13) Lump sum: Furnish all material and equipment and perform all labor necessary to construct paved runways and taxiways of 6-inch mixed in place stabilized soil base, using 50% existing base material and 50% imported material as specified under Alt. B; to construct storm drains with conc. pipe including manholes, inlets, headwalls, concrete gutter, open ditches, with all connections and appurtenances necessary to construct electrical duct lines;
- (14) Deduct if 600 feet of west end runway B is omitted from Item 13;
- (15) Deduct if taxiway No. 2 and storm drains and inlets along same from manhole No. 4 to manhole No. 5 and two 4-inch

- duct lines are omitted from Item 13;
- (16) Deduct if taxiway No. 3 and storm drains and inlets along north side of same from manhole No. 3 to inlet No. 3 and one 4-in. duct line are omitted from Item 13;
- (17) Deduct if taxiway No. 4 and storm drains and inlets along west side of same from manhole No. 1 to inlet No. 1 and one 4-inch duct line is omitted from Item 13;
- (18) Deduct if taxiway No. 5 and storm drains, manholes and inlets along same from manhole No. 2 to inlet No. 2 and two 4-inch duct lines are omitted from Item 13;
- (19) Unit prices shall include furnishing all labor and materials, complete in place:
 - (a) 6-inch stabilized soil base plant mix using all imported materials, per sq. yd.;
 - (b) 6-inch stabilized soil base mixed in place using all imported materials as specified under Alt. A, per sq. yd.;
 - (c) 6-inch stabilized soil base mixed in place, using 50% existing base materials and 50% imported materials as specified under Alt. B, per sq. yd.;
 - (d) asphalt emulsion stabilizer applied, per gallon;
 - (e) earth excavation for paving, per c.y.;
 - (f) earth excavation for drainage structures and ditches, per c.y.;
 - (g) rock excavation for drainage and misc. structures over and above the price for earth excavation, per c.y.;
 - (h) inlet complete with grate, 3-ft. depth, each;
 - (i) manhole complete with grate,

- 4x4x5-ft. depth, per each;
- (j) manhole complete with grate 3x3x5-ft. depth, per each;
- (k) reinforcing concrete complete in place, including forms, per c.y.;
- (l) reinforcing steel, per lb.;
- (m) cast iron gratings, per lb.;
- (n) sheeting ordered left in place, per MFBM;
- (c) concrete or clay pipe including excavation, laying and backfilling:
 - (1) 30-inch dia., per lf.;
 - (2) 27-inch dia., per lf.;
 - (3) 24-inch dia., per lf.;
 - (4) 21-inch dia., per lf.;
 - (5) 18-inch dia., per lf.;
 - (6) 15-inch dia., per lf.;
 - (7) 12-inch dia., per lf.;
 - (8) 10-inch dia., per lf.;
 - (9) 8-inch dia., per lf.;
- (p) tressed cast iron pipe including excavation, laying and backfilling:
 - (1) 6-inch dia., per lf.;
 - (2) 4-inch dia., per lf.;
- Total bids follow:
 - (A) Union Paving Co., 212 Babcock Bldg., San Francisco—(1) \$206,600; (7) \$201,500.
 - (B) Piazza & Huntley, San Francisco—(1) \$228,000.
 - (C) J. R. Reeves, Sacramento—(7) \$229,100.
 - (D) J. A. Casson, Hayward—(1) \$233,368; (7) \$224,972.
 - (E) Pacific States Constr. Co., San Francisco—(1) \$259,300; (7) \$252,000.
 - (F) Eaton & Smith, San Francisco—(1) \$265,000; (7) \$235,000.
 - (G) A. Teichert & Son, Inc., Sacramento—(1) \$288,000; (7) \$276,000.
 - (H) Bodenhamer Constr. Co., Oakland—(1) \$276,890; (7) \$248,890.
- Unit prices follow:
 - (All bidders omitted Items 13 to 18)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$206,000.00	\$228,000.00	.....	\$233,368.00	\$259,300.00	\$265,000.00	\$238,000.00	\$276,890.00
(2).....	5,346.00	5,481.00	.....	6,750.00	7,000.00	8,300.00	8,750.00	8,700.00
(3).....	5,775.00	6,318.00	.....	7,625.00	8,000.00	8,700.00	9,100.00	9,400.00
(4).....	2,060.00	2,992.00	.....	3,519.00	3,500.00	4,150.00	4,325.00	4,500.00
(5).....	1,800.00	2,496.00	.....	2,640.00	3,000.00	3,550.00	3,700.00	3,100.00
(6).....	8,790.00	9,906.00	.....	12,000.00	12,000.00	13,200.00	13,200.00	14,700.00
(7).....	201,500.00	.....	\$229,100.00	224,972.00	252,000.00	235,000.00	276,000.00	248,890.00
(8).....	5,346.00	.....	7,800.00	6,300.00	6,500.00	7,630.00	8,300.00	7,500.00
(9).....	5,775.00	.....	8,600.00	7,260.00	7,500.00	8,130.00	8,700.00	8,400.00
(10).....	2,060.00	.....	4,000.00	3,340.00	3,500.00	3,880.00	4,150.00	3,900.00
(11).....	1,800.00	.....	3,000.00	2,500.00	2,800.00	3,320.00	3,550.00	2,800.00
(12).....	8,790.00	.....	13,500.00	11,500.00	12,000.00	12,300.00	12,700.00	13,200.00
(13).....	.....	.....	.....	.....	.....	.....	.....	.....
(14).....	.....	.....	.....	.....	.....	.....	.....	.....
(15).....	.....	.....	.....	.....	.....	.....	.....	.....
(a).....	.....	.....	.....	.....	.....	.....	.....	.....
(b).....	.....	.....	.....	.....	.....	.....	.....	.....
(c).....	.....	.....	.....	.....	.....	.....	.....	.....
(d).....	.....	.....	.....	.....	.....	.....	.....	.....
(e).....	.....	.....	.....	.....	.....	.....	.....	.....
(f).....	.....	.....	.....	.....	.....	.....	.....	.....
(g).....	.....	.....	.....	.....	.....	.....	.....	.....
(h).....	.....	.....	.....	.....	.....	.....	.....	.....
(i).....	.....	.....	.....	.....	.....	.....	.....	.....
(j).....	.....	.....	.....	.....	.....	.....	.....	.....
(k).....	.....	.....	.....	.....	.....	.....	.....	.....
(l).....	.....	.....	.....	.....	.....	.....	.....	.....
(m).....	.....	.....	.....	.....	.....	.....	.....	.....
(n).....	.....	.....	.....	.....	.....	.....	.....	.....
(o).....	.....	.....	.....	.....	.....	.....	.....	.....
(1).....	3.80	4.50	4.30	4.60	4.50	4.00	4.50	4.70
(2).....	3.50	4.00	3.80	4.14	4.00	3.60	4.10	4.20
(3).....	2.80	3.20	3.15	3.45	3.20	2.90	3.10	3.40
(4).....	1.70	2.30	2.10	2.30	2.20	1.80	2.10	2.25
(5).....	1.10	1.70	1.50	1.70	1.70	1.28	1.40	1.70
(6).....	.90	1.45	1.30	1.45	1.45	1.00	1.10	1.40
(7).....	.70	1.20	1.00	1.10	1.20	.86	.90	1.10
(8).....	.60	1.00	.85	.97	1.00	.75	.80	1.00
(9).....	.55	.85	.65	.80	.85	.62	.80	.80
(p).....	.....	.....	.....	.....	.....	.....	.....	.....
(1).....	1.35	1.25	1.55	1.25	1.00	2.10	1.30	1.30
(2).....	.90	1.00	.95	1.00	1.00	1.50	1.15	.95

- (A) Begin in 15 days; finish in 150 days.
- (B) Begin in 20 days; finish in 180 days.
- (C) Begin in 10 days; finish in 180 days.
- (D) Begin in 15 days; finish in 150 days.
- (E) Begin in 15 days; finish in 300 days.
- (F) Begin in 30 days; finish in 365 days.
- (G) Begin in 30 days; finish in 250 days.
- (H) Begin in 10 days; finish in 180 days.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

PANAMA CANAL.—Until Mar. 11, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3335, for furnishing supplies and materials, including:

Refrigerator doors, glass blocks, wall ties, railing fittings, portable electric plant, air compressor, ceiling-type blowers, unit heaters, propeller fans, floor and wall tile, aluminum-alloy shower and toilet stall partitions, soap holders, finishing hardware, framed mirrors, figured glass, copper wire cloth, wallboard, cement floor hardener, white ledger paper and white bond paper; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agent The Panama Canal, Fort Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

MARCH 9, 2 P. M.:
BID NO. 5479: Butcher knives, can openers and wash basins; fob Government Island;
BID NO. 5480: 72 dozen frying pans; fob Government Island.
BID NO. 5481: Aluminum pails and covers; fob Government Island.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials as follows:

MARCH 7, 2:00 P. M.:
BID NO. 5489: 225 barrels of Portland cement; fob Red Bluff.
MARCH 10, 2 P. M.:
BID NO. 5477: Embossed, baked enamel signs; fob Government Island.
MARCH 14, 2 P. M.:
BID NO. 5488: No. 6, Grade A, telephone cells; fob various points in California.

GOVERNMENT ISLAND, Calif.—Until March 16, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5485, for furnishing 100 eyelet, hand, paper punches; fob Government Island.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

March 10, 2:00 P. M.
BID NO. 5490—3000 steel crossarm pins; fob Government Island.
March 11, 2:00 P. M.
BID NO. 5491—Radio batteries; fob Government Island.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Mar. 8, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento,

under Bid No. 1105-38-218, for furnishing drills; f.o.b. Rio Vista, Cal.

FORT MASON, Cal.—Until March 11, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-248, for (1) parts for Corblitt 1½-ton dump truck; (2) electrically operated, gasoline pump, 110-volt, single phase, AC motor, 5-amp., 60-cycle, ½-h.p.; and (3) adjusting wrench, grease gun, wrench, wrench handle and jack; fob Motor Warehouse 6, Presidio, San Francisco.

SACRAMENTO, Cal.—Until March 15, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Order 9190, for the sale of one gasoline, marine, 2 cylinder engine. Engine may be inspected by contacting the engineer in charge, U. S. Engineer Warehouse, Rio Vista.

FORT MASON, Cal.—Until March 14, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-252, for furnishing saws, bolts, rivets, pipe, pipe fittings, flanges, plugs, bronze, iron, steel and lumber; f.o.b. Fort Mason, San Francisco, Cal.

SACRAMENTO, Cal.—Until March 11, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-219, for 1200 condenser tubes, f.o.b. Rio Vista, Cal.

VETS VACILLITY

PALO ALTO, Calif.—Until March 10, 2:30 p.m., bids will be received by the Supervising Supt. of Construction, Wm. H. Radcliffe, Veterans' Administration Facility, Palo Alto, under Bid No. 54-38-5, for one marquee frame, complete with hanger rod and field bolts; f.o.b. Vets' Facility, Nev.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until March 17, 1 A. M., bids will be received by Metropolitan Water District, Los Angeles, for 18 single-phase station light and power transformers for pumping plants, Spec. 275. The items are:

- (1) 4 only 250-kva transformers for Intake pumping plant;
 - (2) 14 only 150-kva transformers for Gene, Iron Mt., Eagle Mt. and Hayfield pumping plants.
- Certified or cashier's check \$1500 must accompany bids.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Mar. 9, 2 p.m., bids will be received by the State Purchasing Agent, 319 State Capitol Bldg., Sacramento, for furnishing road oils, cutback asphalt, and C, D and E grade asphalt for the Division of Highways for a period from April 1, 1938, to March 31, 1939. Approximate quantities are: 800 tons SC-1A; 12,000 tons SC-2; 6900 tons SC-3; 13,000 tons SC-4; 2200 tons 90-95, and 1200 tons ROMC-3-4 MC-3. Bids are to

be rendered on basis of tank car shipment; f.o.b. District Headquarters, Calif.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

MARCH 9, 10 A. M.:
BID NO. 5086: Rental of one 2-ton flat bed truck equipped with stake sides and tarpaulin cover; fob Stockton;
BID NO. 5087: Rental of one force feed type jaw crusher with bucket elevator conveyor; fob Santa Cruz County;
BID NO. 5091: 35,000 FBM Douglas fir lumber; fob shipping point and/or Sunset near Skyline, San Francisco;
BID NO. 5097: Deformed steel reinforcing bars; fob Sunset Blvd. near Skyline, San Francisco.

MARCH 10, 10 A. M.:
BID NO. 5092: Douglas fir lumber of various sizes; fob shipping point and/or Taft.

MARCH 11, 10 A. M.:
BID NO. 5093: 200 bbls. of Portland cement; fob King City, Monterey County.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

March 9, 10:00 A. M.
BID NO. 5094—Redwood and Douglas Fir lumber; f.o.b. Alvarado Park, Richmond, Cal.
BID NO. 5095—Cable, conduits, condulets, reducers, reflectors and wire; f.o.b. Corporation Yard, 13th St., Richmond.

March 10, 10:00 A. M.
BID NO. 5098—Rental of one clamshell dredger, together with necessary tools, power, supplies and equipment for operation; f.o.b. Pittsburg Yacht Harbor, Pittsburg, Cal.

BID NO. 5099—Furring channel, spacer clips, latil, wire and corner bead; f.o.b. 10th and Oak Streets, Oakland.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until March 11 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, San Francisco, under Bid No. 7001, for furnishing fir, redwood and spruce for the various city departments and institutions for a term of six months from April 1, 1938.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER restaurant \$200; 1509 Haight St.; owner, Al Cassinus, prem.; contractor, L. M. Coggins, 1128 Oak St.
SIGN, electric, \$150; NW Divisadero and Geary; owner, Sinal Memorial Chapel, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

Section 4004, P. 11, A
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3063

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Bids March 30-31 on Three
State Contracts



Van Bokkelen Low on El Cerrito School



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., MARCH 12, 1938 No. 11

State Schedules Bids on Inyo Grading, L. A. Project; San Diego Job Readvertised

SACRAMENTO, March 8.—The State Highway Commission today authorized calling for bids for two contracts, and readvertising a third job. Bids will be opened in Sacramento March 30, for grading and surfacing in Inyo county; and in Los Angeles, March 31, for construction of an undergrade crossing in Los Angeles county, and grading surfacing in San Diego county.

The Northern California project involves grading and placing road-mixed surfacing on about 1.5 miles of highway at Independence in Inyo county.

Storm Delays Plans

Due to storm conditions in the southern part of the state, the State Division of Highways was unable to deliver plans for a grading and paving project in San Diego county, advertised for March 17. Bids on the contract will be opened March 31, it was announced today.

The contract calls for grading and paving with Portland cement concrete and asphaltic concrete about 9.7 miles of the Pacific Highway between Barnett avenue and Miramar road in the city of San Diego.

The specifications remain the same, according to the announcement. Principal items include: 173,000 cubic yards of unclassified roadway excavation; 4,008,000 station yards overhaul; 28,600 cubic yards of imported borrow; 106,200 square yards of preparing subgrade; 973 tons of liquid asphalt; 104,700 square yards of preparing, mixing and shaping shoulders, gutters and dikes, and 205,500 lbs. of bar reinforcing steel pavement and structures.

Sixty Unit Prices

Bids will be taken on sixty unit prices. Bidders may submit bids on one or all of three alternates involving the use of concrete piles not requiring mandrel; mandrel type; or precast concrete piles.

The Los Angeles county project, for which bids will be opened in Los Angeles, March 31, involves construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near Hewitt Station. Grading and surfacing of approaches are included in the contract.

CONTRACTS LET TO CONNOLLY, LOWRIE

WASHINGTON, D. C., Mar. 9.—Award of two Reclamation Bureau contracts to San Francisco firms was announced here today by Secretary of the Interior Harold L. Ickes.

The contracts awarded were: construction of street, driveway and sidewalk grading and surfacing and sewer and water systems at the government camp at Shasta Dam site, The Lowrie Paving Co., \$45,949; and construction of earthwork, tunnel and canal lining, Stations 1594 plus 72 to 1641 plus 15, Yakima Ridge Canal, Yakima Project, Wash., T. E. Connolly, Inc., \$316,142.

Unit prices will be submitted on fifty items. Principal items include 41,000 cubic yards of unclassified roadway excavation; 8500 cu. yds. of structural excavation; 800 tons of mineral aggregate plant-mix surfacing; 44 tons of liquid asphalt 2900 cubic yards of Class A Portland cement concrete pavement; 147,000 pounds of bar reinforcing steel; 1750 cubic yards of Class A Portland cement concrete structures; 430,000 pounds of structural steel; 102,000 pounds of wrought iron plate; 1265 lin. ft. of standard reinforced concrete pipe of various sizes; 1284 lineal feet of extra strength reinforced concrete pipe of various sizes; and 680 lin. ft. of extra strength VCP of various sizes.

Export shipments of windmills during 1937 amounted to 17,091 units, as compared to shipments of 14,030 units in 1936, the Bureau of Census announced.

OPEN PROPOSALS ON SCHOOL UNIT AT EL CERRITO

W. K. Van Bokkelen Low at
\$95,157 on High School
Contract

W. K. Van Bokkelen Construction, Oakland, yesterday submitted a low general bid of \$95,157 to the Richmond Un. High School District board of trustees for construction of the concrete shell for the new El Cerrito high school.

Thirteen contractors submitted proposals on the job, first unit in the high school construction program. Interior and finish work will be let at a later date.

In addition to basic bids, the contractors submitted two alternative additions, for window frames and glass, and for structural glass panels, as well as unit prices for rock excavation and foundation concrete.

Complete basic bids were :

W. K. Van Bokkelen.....	\$95,157
W. V. Bernard	96,446
E. J. Freethy	98,879
Peter Sartorio	104,228
George Swanstrom	105,224
D. Nordstrom	106,428
H. J. Christensen Co.....	107,300
Miller Const. Co.....	112,593
Palo Alto Road Mtls. Co.....	114,875
F. C. Stolte Co.....	115,600
E. T. Leiter & Sons.....	116,887
Carl Overaa	118,786
Anderson & Ringrose.....	121,610

ARCHITECT SERVICE FILM READY SOON

The first of a series of "Consult Your Architect" motion pictures for commercial and educational showing will be released shortly by Mason Wadsworth, film producers, according to the announcement of Terry Kimball, managing editor.

"The series is designed to show the importance of the work of American architects in the building of America," Mr. Kimball says.

A reviewing committee of architects will assist Mr. Kimball in the production of the films. Further announcements will be made shortly, according to the initial announcement of the producers.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
555-6	Lindsay	Owner	3500
557	Martorella	Masarie	3000
558	Rousseau	Owner	6000
559-62	Rousseau	Owner	3000
563	Toy	Yick	1000
564-5	Christensen	Owner	4000
568-9	Christensen	Owner	4500
570	Desiano	Owner	35000
571-2	Johnson	Owner	3500
573	O'Reilly	Miller	2000
574	Zinke	Mullen	1500
575	Anderson	Owner	4000
576	Hopkins Est.	Fink	2850
577	Mantalbano	Owner	1500
578	Nelson	Owner	5250
579	Rooney	Bernhardt	3000
580	Carraro	Owner	2900
581	Gibb	Mallock	7000
582	Hansen	Kelly	1000
583	Hohl	Owner	3500
584-5	Liebman	Owner	8500
586	Marks	Kelly	1000
587	McCattigan	Hocking	1200
588	Mendo	Janssen	8000
589	Michael & Bomerer	Owner	3000
590	Nishkian	Hjhl	3000
591	Piazza	Owner	1000
592-4	Robinson	Owner	4000
595	Romagrolo	Owner	3000
596	Stark	Hocking	2000
597	Walters	Tait	1000
598	Bushee	Jensen	14000
599	Catholic Ch.	Moore	3000
600	Chung	Owner	1000
601	Crowe	Elec. Prod.	1300
602	Fairmont	Cahill	1000
603-4	Galli	Owner	3500
605	Isaac	Owner	5000
606	Isaac	Owner	5000
607-9	Lindsay	Owner	3750
610-12	Murphy	Owner	4000
613	Rodriguez	McBride	1000
614-5	Sharman	Owner	8000
616	Shell Oil	Early	5500
617	Borden	Owner	6500
618	Compton	O'Neill	8000
619	Dahlstrom	Owner	3500
620	Nelson	G G Const	4000
621	Pope	Cuthbertson	1000
622-30	Stoneson	Owner	3500

DWELLING
 (555) W. 30TH AVE., 275 S LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—Boyd C. Lindsay, 1176 Ale-
 many Blvd.
 Architect—Not Given. \$3500

DWELLING
 (556) W. 30TH AVE., 300 S LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—Boyd C. Lindsay, 1176 Ale-
 many.
 Architect—Not Given. \$3500

DWELLING
 (557) N OCEAN AVE., 125 E ALE-
 MANY BLVD. One-story and
 basement frame dwelling.
 Owner—G. Martorella, 60 Ocean Ave.
 Contractor—Masarie & Scatena, 2550
 19th St.
 Architect—Not Given. \$3000

DWELLING
 (558) E. PARKER, 190 S TURK.
 Two-story and basement frame
 dwelling.
 Owner — Oliver M. Rousseau, 321
 Kearny St.
 Architect—Not Given. \$6000

DWELLING
 (559) S. TURK, 50 E OF PARKER
 AVE. Two-story and basement
 frame dwelling.

Owner — Oliver M. Rousseau, 321
 Kearny St.
 Architect—Not Given. \$8000

DWELLING
 (560) E. PARKER, 215 S TURK ST.
 Two-story and basement frame
 dwelling.
 Owner — Oliver M. Rousseau, 321
 Kearny St.
 Architect—Not Given. \$8000

DWELLING
 (561) S. TURK, 150 E PARKER.
 Two-story and basement frame
 dwelling.
 Owner — Oliver M. Rousseau, 321
 Kearny St.
 Architect—Not Given. \$8000

DWELLING
 (562) S. TURK, 125 E OF PARKER
 AVE. Two-story and basement
 frame dwelling.
 Owner — Oliver M. Rousseau, 321
 Kearny St.
 Architect—Not Given. \$8000

ALTERATIONS
 (563) 826 WASHINGTON ST. Al-
 ter restaurant.
 Owner—Fong Toy, Premises.
 Contractor—Frank Yick, 670 Wash-
 ington St.
 Architect—Not Given. \$1000

DWELLING
 (564) E. 48TH AVE., 175 S OF
 GEARY. One-story and base-
 ment frame dwelling.
 Owner — Herman Christensen, 1801
 19th Ave.
 Architect—C. O. Clausen, 746 46th
 Ave. \$4000

DWELLING
 (565) E. 48TH AVE., 125 S OF
 GEARY. One-story and base-
 ment frame dwelling.
 Owner — Herman Christensen, 1801
 19th Ave.
 Architect—C. O. Clausen, 746 46th
 Ave. \$4000

(566) E. 48TH AVE., 200 S OF
 GEARY. One-story and base-
 ment frame dwelling.
 Owner — Herman Christensen, 1801
 19th Ave.
 Architect—C. O. Clausen, 746 46th
 Ave. \$4500

DWELLING
 (567) E. 48TH AVENUE, 225 S OF
 GEARY. One-story and base-
 ment frame dwelling.
 Owner — Herman Christensen, 1801
 19th Ave.
 Architect—C. O. Clausen, 746 46th
 Ave. \$4500

DWELLING
 (568) E. 48TH AVE., 150 FT S OF
 GEARY. One-story and base-
 ment frame dwelling.
 Owner — Herman Christensen, 1801
 19th Ave.
 Architect—C. O. Clausen, 746 46th
 Ave. \$4500

DWELLING
 (569) E. 48TH AVE., 250 FT S OF
 GEARY. One-story and base-
 ment frame dwelling.
 Owner — Herman Christensen, 1801
 19th Ave.
 Architect—C. O. Clausen, 746 46th
 Ave. \$4500

FRAME APTS.
 (570) SE SCOTT AND GREEN-
 WICH. Three-story and base-

ment frame apartments.
 Owner—M. Desiano, 2453 Lombar
 Street.
 Engineer—Jas. Smith, 251 Kearn
 Street.
 Architect—H. C. Baumann, 251 Kear-
 ny St. \$35,000

DWELLING
 (571) E. BIXBEE, 225 N SHIELDS
 One-story and basement fram
 dwelling.
 Owner, O. L. Johnson, 698 Evergreer
 Daly City.
 Architect—Not Given. \$350

DWELLING
 (572) E. BIXBEE, 250 N SHIELDS
 One-story and basement fram
 dwelling.
 Owner—O. L. Johnson, 698 Evergreer
 Daly City.
 Architect—Not Given. \$350

ALTERATIONS
 (573) 1327 19TH AVE. Alter dwell
 ing.
 Owner—P. O'Reilly, Prem.; contrac-
 tor, Miller & McGills, 444 Gear-
 Blvd.
 Architect—Not Given. \$200

ALTERATIONS
 (574) 1097 MARKET ST. Alter stor-
 e.
 Owner—Zinke Renewing Corp., 118
 Market St.;
 Contractor—Mullen Mfg. Co., 60
 Rausch St.
 Architect—Not Given. \$1500

DWELLING
 (575) W. 30TH AVE., 325 N TARA
 VAL. One-story and basemen
 frame dwelling.
 Owner—N. W. Anderson, 2427 24th
 Ave.
 Architect—Not Given. \$4000

ALTERATIONS
 (576) 414 POST ST. Alter store.
 Owner—Hopkins Estate, 354 Pine St
 Contractor—The Fink & Schindler
 Co., 552 Brannan St.
 Architect—Not Given. \$2950

STORE
 (577) N. BALBOA, 76 E 18TH AVE
 One-story frame store.
 Owner—J. Mantalbano, Prem.
 Architect—Not Given. \$1500

DWELLING
 (578) E. 24TH AVE., 290 N OCEAN
 AVE. One-story and basement
 frame dwelling.
 Owner—Fernando Nelson & Sons
 2901 19th Ave.
 Architect—Not Given. \$5250

DWELLING
 (579) N. 17TH ST., 225 W TEMPLE
 One-story and basement fram
 dwelling.
 Owner—Harold J. Rooney, 35 Clover
 St.
 Contractor—Albert Bernhardt, 2406
 22d Ave.
 Architect—D. E. Jaekle, 126 Post St.
 \$3000

DWELLING
 (580) S. OAKDALE, 200 W KEITH.
 One-story frame dwelling.
 Owner—G. Carraro & Sons, 700 Fel-
 ton St.
 Architect—Not Given. \$2900

MARKET
 (581) N. 15TH ST., 60 W SAN-
 CHEZ. One-story frame market.
 Owner—Margaret H. Gibb, c/o Con-
 tractor.

tractor—J. S. Mallock, 666 Mission St.
 Engineer—W. H. Ellison, Pacific Bldg.
 Architect—Not Given. \$7000

ALTERATIONS
 (2) 1415 19TH AVE. Alter dwelling.
 Engineer—H. Hansen, Prem.
 Contractor—Robert P. Kelly, 1434 Lawton St.
 Architect—Not Given. \$1000

SELLING
 (3) E. COLLINGWOOD, 164 N. 21ST ST. One-story and basement frame dwelling.
 Engineer—Albert Kohl, 1218 Hollister St.
 Architect—Not Given. \$3500

FRAME FLATS
 (4) W. WEBSTER, 75 N BEACH. Two-story and basement frame flats.
 Engineer—B. Liebman, 3319 Fillmore St.
 Architect—I. Goldstein, 1200 Oak St. \$8500

FRAME FLATS
 (35) W. WEBSTER, 100 N BEACH. Two-story and basement frame flats.
 Engineer—B. Liebman, 3319 Fillmore St.
 Architect—I. Goldstein, 1200 Oak St. \$8500

ALTERATIONS
 (86) 1411 19TH AVE. Alter dwelling.
 Engineer—Mr. Marks, Prem.
 Contractor—Robert P. Kelly, 1434 Lawton St.
 Architect—Not Given. \$1000

ALTERATIONS
 (587) 2644 FILBERT ST. Alter dwelling.
 Engineer—Francisca McGattigan, Prem.
 Contractor—Hocking's Service, 2216 Clement St.
 Architect—Not Given. \$1200

FRAME FLATS
 (583) N. GREENWICH, 163 E OF PIERCE ST. Two-story and basement frame flats.
 Engineer—Mendo Corp, Prem.
 Contractor—E. A. Janssen, 1136 Clement St.
 Architect—Not Given. \$8000

DWELLING
 (589) E. FOLSOM, 50 S EUGENIA. One-story and basement frame dwelling.
 Owner—Michael & Bommer, 762 De Haro St.
 Architect—Not Given. \$3000

ALTERATIONS
 (590) 344 6TH ST. Alter loft.
 Owner—L. H. Nishkian, 525 Market St.
 Contractor—S. H. Hjul, 123 Russ Bldg.
 Engineer—L. H. Nishkian, Underwood Bldg.
 Architect—Not Given. \$3000

DWELLING
 (591) SW HUDSON, 200 NW OF BOALT. One-story and basement frame dwelling.
 Owner—J. Piazza, 13 Los Banos.
 Architect—Geo. M. Cantrell, 325 Fremont St. \$1000

DWELLING
 (592) W. 34TH AVE., 250 N KIRKHAM. One-story and basement frame dwelling.
 Owner—Robinson & Johnson, 180 Oak St.
 Architect—Not Given. \$4000

DWELLING
 (593) W. 34TH AVE., 275 N KIRKHAM. One-story and basement frame dwelling.
 Owner—Robinson & Johnson, 180 Oak St.
 Architect—Not Given. \$4000

DWELLING
 (594) W. 34TH AVE., 225 N KIRKHAM. One-story and basement frame dwelling.
 Owner—Robinson & Johnson, 180 Oak St.
 Architect—Not Given. \$4000

DWELLING
 (595) S SILVER AVE., 184 W OF BOWDOIN. One-story and basement frame dwelling.
 Owner—D. A. Romagrollo, 76 Albion.
 Architect—Albert H. Larsen, 333 Kearny St.

ALTERATIONS
 (596) 3614 CLAY ST. Alter dwelling.
 Owner—C. M. Stark, 3629 Jackson St.
 Contractor—Hocking's Service, 2216 Clement St.
 Architect—Not Given. \$2000

ALTERATIONS
 (597) 883 MARKET STREET. Alter beauty parlor.
 Owner—Mr. Walters, Prem.
 Contractor—W. C. Tait, 883 Market St.
 Architect—Not Given. \$1000

DWELLING
 (598) SW CHESTNUT AND MONTCLAIR TERR. Three-story and basement frame dwelling.
 Owner—W. P. Bushee, c/o Archt.
 Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.
 Engineer—W. L. Huber, 1 Montgomery St.
 Architect—Gardner A. Dailey, 210 Post St. \$14,000

ALTERATIONS
 (599) SW 17TH AND BELVEDERE. Alterations.
 Owner—Catholic Apostolic Church, Prem.
 Contractor—Moore & Madsen, 557 Market St.
 Architect—Arnold Constable, 580 Market St. \$3000

ALTERATIONS
 (600) 1016 WASHINGTON ST. Alter flats.
 Owner—Chew Chung, Prem.
 Architect—Not Given. \$1000

SIGN
 (601) NE VAN NESS AND GOLDEN GATE. Electric sign.
 Owner—Johnny Crowe Co., Prem.
 Contractor—Elec. Prod. Corp., 910 Harrison St.
 Architect—Not Given. \$1300

ALTERATIONS
 (602) 823 POWELL ST. Alter garage.
 Owner—Fairmont Hotel, Prem.
 Contractor—Cahill Bros., 206 Sansome St.
 Engineer—W. H. Ellison, Pacific Bldg.
 Architect—Not Given. \$1000

DWELLING
 (603) N. PACHECO, 95 W 21ST AVE. One-story and basement frame dwelling.
 Owner—R. F. Galli, 377 West Portal Ave.
 Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING
 (604) S. ORTEGA, 95 W 21ST AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
 Architect—E. H. Denke, 1317 Hyde St. \$3500

DWELLING
 (605) S. BURLWOOD, 235 E LOS PALMOS. One-story and basement frame dwelling.
 Owner—H. H. Isaac, 1149 Cole St.
 Architect—Not Given. \$5000

DWELLING
 (606) S. BURLWOOD DR., 286 E LOS PALMOS. One-story and basement frame dwelling.
 Owner—H. H. Isaac, 1149 Cole St.
 Architect—Not Given. \$5000

DWELLING
 (607) E. 30TH AVE., 50 N LAWTON ST. One-story and basement frame dwelling.
 Owner—C. T. Lindsay, 820 Taraval.
 Architect—Not Given. \$3750

DWELLING
 (608) E. 30TH AVE., 75 N LAWTON ST. One-story and basement frame dwelling.
 Owner—C. T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3750

DWELLING
 (609) E. 30TH AVE., 25 N LAWTON ST. One-story and basement frame dwelling.
 Owner—C. T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3750

DWELLING
 (610) W. ANNAPOLIS TERR., 140 S TURK. One-story and basement frame dwelling.
 Owner—John Murphy, 350 Claremont Blvd.
 Architect—C. O. Clausen, 746 46th Ave. \$4000

DWELLING
 (611) W. ANNAPOLIS TERR., 90 S TURK. One-story and basement frame dwelling.
 Owner—John Murphy, 350 Claremont Blvd.
 Architect—C. O. Clausen, 746 46th Ave. \$4000

(612) W. ANNAPOLIS TERR., 115 S TURK. One-story and basement frame dwelling.
 Owner—John Murphy, 350 Claremont Blvd.
 Architect—C. O. Clausen, 746 46th Ave. \$4000

ALTERATIONS
 (613) 1408 KEARNY ST. Alter dwelling.
 Owner—Julian Rodrigues, Prem.
 Contractor—R. C. McBride, Jr., 2212 Polk St.
 Architect—Not Given. \$1000

DWELLING
 (614) E. PIERCE, 63 N GREENWICH. Two-story and basement frame dwelling.
 Owner—Thos. R. Sharman, 3700 Broderick St.
 Architect—Not Given. \$8000

DWELLING
 (615) E. PIERCE, 38 N GREENWICH. Two-story and basement frame dwelling.
 Owner—Thos. R. Sharman, 3700 Broderick St.
 Architect—Not Given. \$8000

SERVICE STATION
 (616) SE 19TH AVE. AND LINCOLN WAY. Service station.
 Owner—Shell Oil Co., 100 Bush St.
 Contractor—Fred J. Early, Jr., 369 Pine St.
 Architect—Not Given. \$5500

FLATS
(617) E MONTGOMERY St. 24-S
Greenwich St. Three-story and
basement frame flats.
Owner—T. W. Borden, 1470 Mont-
gomery Street. \$6500
Architect—Not Given.

ALTERATIONS
(618) 8 GEARNY ST. Alter res-
taurant.
Owner—Gene Compton, Inc., prem.
Contractor—F. Daniel O'Neil, 273
Minna Street.
Engineer—Albert Kraft, Phelan Bldg.
\$8,000

DWELLING
(619) S CHENEY 169 E Elk. One-
story and basement frame dwell-
ing.
Owner and Builder—Gust Dahlstrom,
160 Castro Street.
Architect—Not Given. \$3,500

DWELLING
(620) N BRENTWOOD 342 West
Ridgewood. Two-story and base-
ment frame dwelling.
Owner—A. E. Nelson, 244 Kearny St.
Contractor—Golden Gate Const. Co.,
244 Kearny Street. \$4,000
Architect—Not Given.

GARAGE
(621) 154 24th AVENUE. One-story
frame garage.
Owner—W. L. Pope, 154 25th Ave.
Contractor—Tom Cuthbertson, 430
Noriega St.
Architect—Francis E. Lloyd, 360 Pine
Street. \$1,000

DWELLING
(622) N ROME 114 SW Mt. Vernon.
One-story and basement frame
dwelling.
Owner and Builder—Stoneson Bros.,
1 Sloat Blvd.
Architect—Harold G. Stoner, 251
Kearny Street. \$3,500

DWELLINGS
(623-629) NW ROME ST. 139, 164,
189, 215, 240, 265, 290 SW Mount
Vernon Ave. Seven 1-story and
basement frame dwellings.
Owner and Builder—Stoneson Bros.,
1 Sloat Blvd.
Architect—Harold G. Stoner, 251
Kearny St. \$3,500 each

DWELLING
(630) NW ROME 89 SW Mt. Vernon.
One-story and basement frame
dwelling.
Owner and Builder—Stoneson Bros.,
1 Sloat Blvd.
Architect—Harold G. Stoner, 251
Kearny Street. \$3,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
716	Heraty	Jensen	3500
717	Lutheran	Owner	1200
718	Bd. of Ed.	Teigland	4900
719	Camille	Livingston	7227
720	Dahl	McCausland	4000
721	Pac. States	Walker	15000
722	Williams	Stead	14750
723	Bonyng	Van Bokkelen	1000
724-5	Franzen	Owner	4000
726	Perona	Sgritta	3192
727	Sherman	Spivock	4000
728	Tisher	Johnson	3500
730	Damele	Hambleton	1000
729	Baker	Owner	3000
731	Kimball	Owner	3500
732	Massie	Justice	3500
733	Patterson	Owner	3500
734	Rose	Park Lane	8000
735	Warner Bros.	Lynn	2000
736	Shaboren	Hendrickson	2000
737	Green	Owner	1250
738	Mortensen	Owner	4500
739	Roberts	Owner	2800
740	Schofield	Moore	4000

741	Bonds	Owner	3800
742	Bruck	Owner	1000
743	Scott	Mueller	4500
744	Vila	Owner	3800
745	Vila	Owner	3300
746	Davis	Owner	3800
747	Flagg	Flagg	4000
748	Fleisher	Owner	3670
749	Hoffman	Owner	4000
750	Pressler	Owner	5000
751	Reinthaler	Owner	3000

DWELLINGS
(716) 6192-6200 RUTHLAND RD.,
OAKLAND. Two 1-story 5-room
dwellings.
Owner—Phil Heraty, 488 Fairbanks
Ave., Oakland.
Contractor—H. K. Jensen, 2757 Raw-
son St., Oakland.
Architect—Not Given. \$3500 ea.

ALTERATIONS
(717) 1531 GROVE ST., OAKLAND.
Alterations.
Owner and Contractor—First Eng-
lish Lutheran Church, 1531 Grove
St., Oakland.
Architect—Not Given. \$1,200

SCHOOL BLDG.
(718) 603 KEY RTE., BERKELEY.
School Bldg., Unit No. 3.
Owner—School Board of Education.
Contractor—C. M. Teigland, 525 49th
St., Oakland.
Architect—Not Given. \$4900

DWELLING
(719) 721 CRAGMONT, BERKE-
LEY. One-story 6-room frame
dwelling and garage.
Owner—Mr. and Mrs. Albert Camille,
1573 Scenic Ave.
Contractor—W. M. Livingston and
Son, 1152 Euclid.
Architect—W. S. Wellington, 260 Cal-
ifornia St., San Francisco. \$7227

DWELLING
(720) 1924 FAIRVIEW, BERKE-
LEY. One-story 5-room frame
dwelling and garage.
Owner—W. Dahl, 5605 Telegraph.
Contractor—McCausland & Brown,
5662 Dover.
Architect—L. F. Hyde. \$4000

ALTERATIONS
(721) 2154 SHATTUCK, BERKE-
LEY. Alterations.
Owner—Pacific States Savings and
Loan Co., 745 Market St., San
Francisco.
Contractor—P. J. Walker Co., 55 New
Montgomery St., San Francisco.
Architect—A. F. Roller, San Fran-
cisco. \$15,000

RESIDENCE
(722) 501 SANTA BARBARA AVE.,
BERKELEY. Two-story 8-room
residence and garage.
Owner—Lem Williams.
Contractor—Frank A. Stead, 3206
Boise.
Architect—Jas. W. Plachec. \$14,750

ALTERATIONS
(723) 600 GRAND AVENUE, OAK-
LAND. Alterations.
Owner—Bonyng Furniture Co., 600
Grand Ave.
Contractor—W. K. Van Bokkelen, 439
29th St.
Architect—Not Given. \$1000

DWELLING
(724) 9333 THERMAL, OAKLAND.
One-story 6-room dwelling.
Owner & Builder—Carl H. Franzen,
883 54th St.
Also garage, \$250.
Architect—Not Given. \$4000

DWELLING
(725) 2529 94TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—A. H. Franzen, 2415 99th Ave.

Contractor—Carl H. Franzen, 88
54th St.

Architect—Not Given. \$400

FRAME STORE
(726) 6320 SAN PABLO AVENUE
OAKLAND. One-story frame
store.
Owner—A. Perona, 6324 San Pabl
Ave.
Contractor—G. Sgritta, 1818 Tent
St., Berkeley.
Architect—Not Given. \$315

DWELLING
(727) 1507 26th AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Sol Scherman, 1538 26th Ave
Contractor—Wm. Spivack, 544 Gold
en Gate Ave., San Francisco.
Architect—Not Given. \$400

DWELLING
(728) 6920 LOCKWOOD AVENUE
OAKLAND. One-story 5-room
dwelling.
Owner—C. R. Tisher, 6127 Foothil
Blvd.
Contractor—Elmer Johnson, 6127
Foothill Blvd.
Also 1-story garage, \$125.
Architect—Not Given. \$350

DWELLING
(729) 2332 85TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—W. J. Baker, 222
Ransome Ave.
Also 1-story garage, \$185.
Architect—Not Given. \$300

ALTERATIONS
(730) 2907 LINDEN ST., OAKLAND.
Alterations.
Owner—Antone Damele, 2900 Linde
St.
Contractor—Fred Hambleton, 160
Wellington St.
Architect—Not Given. \$100

DWELLING
(731) 3533 JORDAN ROAD, OAK
LAND. One-story 5-room dwell-
ing.
Owner & Builder—Stanley Klmbal
2456 Hilgard Ave., Berkeley.
Architect—Not Given. \$350

DWELLING
(732) 3500 68TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—C. Massie, 3110 31st Ave.
Contractor—N. F. Justice, 220
Clinton Ave., Alameda.
Architect—Not Given. \$350

DWELLING
(733) 7750 OUTLOOK AVE., OAK
LAND. One-story 5-room dwell-
ing.
Owner & Builder—J. F. Patterson
7621 Foothill Blvd.
Architect—Not Given. \$350

DWELLING
(734) 849 WALLA VISTA AVE
OAKLAND. Two-story 7-room
dwelling.
Owner—Emily Rose, 2452 Sacramen-
to St., Berkeley.
Contractor—Park Lane Bldrs., 24
Sacramento St., Berkeley.
Architect—Not Given. \$800

ALTERATIONS
(735) 1934 BROADWAY, OAKLAND.
Alterations.
Owner—Warner Bros. Pictures, Inc
Prem.
Contractor—Willis F. Lynn, 10
Ashmount Ave.
Architect—Not Given. \$200

ALTERATIONS
(736) 2646 TELEGRAPH, BERKE-
LEY. Alterations.
Owner—W. J. Shaboren, Prem.

Contractor—A. Hendrickson, 6458
Raymond St.
Architect—Not Given. \$2000

ALTERATIONS
(737) 3217 ARDLEY STREET, OAK-
LAND. Alterations.
Owner & Builder—J. H. Green, 2318
West St.
Architect—Not Given. \$1250

DWELLING
(738) 3809 FORESTHILL AVENUE,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—Paul Mortensen,
2417 Palmetto St.
Architect—Not Given. \$4500

DWELLING
(739) 1078 81ST AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—R. G. Roberts &
Son, 4840 Proctor Ave.
Architect—Not Given. \$2800

DWELLING
(740) 3681 OAK KNOLL BLVD.,
OAKLAND. One-story 5-room
dwelling.
Owner—M. Schofield, 668 Alma Ave.
Contractor—Ralph L. Moore, 668
Alma Ave.
Also 1-story garage, \$200.
Architect—Not Given. \$4000

DWELLING
(741) 467 VERMONT, BERKELEY.
One-story 5-room frame dwell-
ing and garage.
Owner and Builder—Milton S. Bonds,
733 Keeler.
Architect—Not Given. \$3800

ALTERATIONS
(742) 1246 BERKELEY WAY, BER-
KELEY. Alterations & additions.
Owner & Builder—Lester O. Bruck,
Prem.
Architect—Not Given. \$1000

DWELLING
(743) 1570 LE ROY, BERKELEY.
Two-story 5-room frame dwelling
and garage.
Owner—J. L. Scott, 2804 Stuart.
Contractor—T. R. Mueller, 698 Cres-
ton Road.
Architect—Not Given. \$4500

DWELLING
(744) 719 SPOKANE, BERKELEY.
One-story 5-room frame dwell-
ing.
Owner & Builder—Joe Villa, 1207 So-
lano.
Architect—Not Given. \$3900

DWELLING
(745) 723 SPOKANE, BERKELEY.
One-story 5-room frame dwell-
ing.
Owner & Builder—Joe Villa, 1207 So-
lano.
Architect—Not Given. \$3300

DWELLING
(746) 462 CAPRICORN AVENUE,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—John Davis, 2718
7th St., Berkeley.
Architect—Not Given. \$3800

DWELLING
(747) 4533 BROOKDALE AVENUE,
OAKLAND. One-story 6-room
dwelling.
Owner—A. J. and J. S. Flagg, 3450
Morcom Ave.
Contractor—J. S. Flagg, 3450 Morcom
Ave.
Architect—Not Given. \$4000

DWELLING
(748) 15 WYMAN PLACE, OAK-
LAND. One-story 5-room dwell-
ing.

Owner & Builder—L. J. Fleisher, 27
Wyman Place.
Architect—Not Given. \$3670

DWELLING
(749) 2211 SEMINARY AVENUE,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—H. W. Hoffman
and C. J. Tiffin, 5720 Avenal
Ave.
Architect—Not Given. \$4000

DWELLING
(750) 3001 HYDE ST., OAKLAND.
One-story 6-room dwelling.
Owner & Builder—Walter Pressler,
1419 Excelsior Ave.
Architect—Not Given. \$5000

DWELLING
(751) 3778 BUELL ST., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Lewis Reintbaler,
647 56th St.
Architect—Not Given. \$3000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
262 Biggins	All-Amer.	1772
263 S. P. Co.	Terheyden	2656

REPAIRS
(262) MISSION ST. Repair fire dam-
age.
Owner—E. F. and Patrick Biggins.
Architect—Not Given.
Contractor—All-American Builders,
Inc.
Filed, Mar. 3, '38. Dated.
Payments not given.
TOTAL COST, \$1,772.00

PAINTING
(263) FELL and Baker Sts. Paint-
ing exterior of hospital.
Owner—Southern Pacific Company.
Architect—Not Given.
Contractor—Erdinand Terheyden &
Brothers, 940 Divisadero Street.
Filed, Mar. 9, '38. Dated, Mar. 2, '38.
Progress payments.
TOTAL COST, \$2,656.00
Bond, \$2656. Sureties, U. S. Guar-
antee Co. Limit, 21 days. Plans and
specifications filed.

**SAN FRANCISCO CO. PERMITS
UNDER \$1000**

SIGN, electric, \$200; 1915 Fillmore;
owner, Hlades Can Co., premises
contractor, Western Neon Lite
Co., 75 Fremont St.

SIGN, electric, \$320; 939 Kearny St.;
owner, Calageris Pharmacy, 939
Kearny St.; contractor QRS Neon
Corp., Ltd., 690 Potrero Ave.

FLUE, \$38; NE McAllister and La-
guna Sts.; owner, Safeway Stores
1000 Brannan; contractor, Stel-
ling Sheet Metal Shop, 2811 Army
Street.

SHED, frame, \$20; 10 Eugenia Ave.
owner, Michael Calavano, 302
Coleridge.

FLUE, \$20; 99 Divisadero St.; owner,
E. Schell, premises.

ALTER dwelling, \$400; 2269 Cayuga;
owner, Mrs. E. Bougas, premises;
contractor, Golden Gate Const.
Co., 244 Kearny St.

SIGN, electric, \$300; 3030 Mission;
owner, Jess Lanning, premises;
contractor, J. K. Herzog Electric
Co., 370 Van Ness Ave. South.

FLUE, \$38; NE 22nd and Guerrero;
owner, Safeway Stores, 1009
Brannan St.; contractor, Stelling
Sheet Metal Shop, 2811 Army St.

OFFICE, 1-story Class C, \$450; E
5th St. 200 S Market St.; owner,
J. Kelson, 40 Eddy St.; contrac-
tor, Nelson Anthoniators, 210 Post
Street.

ALTER apts., \$265; 1755 Pine St.;
owner, Mrs. Cohen, prem.; con-
tractor, Berg Bros., 854 35th Ave.
DWELLING, 1-story and basement
frame, \$500; W Brewster 30 S
Rutledge; owner and contractor,
Frank Reder, 4016 Geary Blvd.
ALTER store, \$200; N 24th St, 25 E
Van Ness Ave. South; owner, F.
Nofldholz, 3192 24th St.; contrac-
tor, A. E. Augenstein, Jr., 26
Grand View Ave.

ALTER apts., \$50; 420 Turk Street;
owner, Mr. Fields, premises.
ALTER dwelling \$200; 2353 San Bruno
Ave.; owner, Frances Neale,
842 Bayshore Blvd.
ALTER flats, \$250; 3018 Sacramento
Street; owner, Mr. Artoux, 1734
Broderick St.; contractor, L. Sa-
lomon, 1734 Broderick St.
ALTER office and store, \$750; 870
Market St.; owner, Flood Realty
Co., 870 Market St.

ALTER dwelling, \$525; 653 Noe St.;
owner, Carl Castillo, premises;
contractor, National Roofing and
Siding Co., 2172 Market St.
ALTER dwelling, \$75; 77 Oakwood
St.; owner, M. F. Marchi, 646
Guerrero St.; contractor, G. Cap-
palletti, 1020 Florida St.
ALTER apts., \$200; 496 Eddy Street;
owner, Alpine Taylor, 1150 Bod-
erick St.

ALTER flats, \$450; 18 Henry Street;
owner, C. H. Osgood, premises.
WALL, retaining, \$75; 50 Vesta St.;
owner, Max Richter, premises.
ALTER flats, \$350; 1330-A Guerrero
St.; owner, Mrs. Wolfe, prem.;
contractor, F. C. McGee, 575 Ed-
dy St.
ALTER flats, \$100; 850 York Street;
owner, Mr. Saccho, 724 Treat;
contractor, G. Cappelletti, 1020
Florida St.

ALTER dwelling, \$450; 16 Henry St.;
owner, Annie Freeman, 1141
Church St.
ALTER apts., \$200; 3356 Sacramento
St.; owner, E. D. Washburn, 1150
Broderick St.

ALTER restaurant, \$500; 1801 Mis-
sion St.; owner, B. Werner, 1933
Mission St.
ALTER dwelling, \$250; 1239 12th Ave.
owner, Mr. Demange, premises;
contractor, J. Bonadeo, 2509 Lake
Street.

ALTER apts., \$50; 730 Franklin St.;
owner, Lloyd & Ellsworth, 776
Turk St.

FLUES, \$30; 855 Filbert St.; owner,
Mr. Tassi, 268 Market St.; con-
tractor, Clawson Pat. Chimney
Co., 84 Page St.

ALTER dwelling, \$500; 23 Porter St.;
owner, Mario Guglielmo, 3621
Army St.

SIGN, electric, \$350; 633 Larkin St.;
owner, Yale Hotel, Prem.; con-
tractor, Brumfield Elec. Sign Co.,
965 Folsom St.

BILLBOARD, \$25; W. 19th Ave., 119
N Rivera; owner, West Coast
Adv. Co., 1430 Divisadero St.

ALTER store, \$50; 865 Stockton St.;
owner, S. P. Johnson, 876 1/2
Washington St.; contractor, Wong
Che Kee, 890 Washington St.

SIGN, electric, \$200; 836 Divisadero
St.; owner, Supper Club Caf.
Prem.; contractor, Brumfield Elec.
Sign Co., 965 Folsom St.

FLUES, \$100; W. Church, 125 S 19th
St.; owner, T. McCormick, 73
Hill St.; contractor, Precita Sht.
Metal Works, 3119 Harrison St.

ALTER shelter, \$20; 10 Eugenia
Ave.; owner, Michael Calanno,
302 Coleridge St.

ALTER restaurant, \$500; 585 Post
St.; owner, Jerry Benesch, Prem.
ALTER flats, \$200; 1745 Oak St.;
owner, Thersi Myron, Prem.
ALTER garage, \$125; 49 Prospect
Ave.; owner, Edward J. Neusel,
Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 10.—Offices |
| 2.—Bands | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings |
| 5.—Flats | 14.—Fire Houses and Jails |
| 6.—Garages and Service Stations | 15.—Residences |
| 7.—Federal Buildings | 16.—Banks, Stores and |
| 8.—Club Buildings | 17.—Theaters |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & |

1—APARTMENTS

March 4, 1938

Correction In Estimated Cost.
To Be Done By Day's Work
APT. HOUSE Est. Cost, \$140,000
SAN FRANCISCO. SE Chestnut and Richardson Streets.

Three - story and basement frame apartment house.

Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.

Architect—H. C. Baumann, 251 Kearny Street.

Engineer—Jas. H. Smith, 251 Kearny (2636) 1st rep. Mar. 2, 1938. * 1

Contract Awarded
APARTMENTS Cont. Pr. \$20,493
SAN MATEO, San Mateo Co., Calif.
N. 9th Ave., 227 E of El Camino Real.

Two-story frame and stucco apartment building (10 apts.), composition and shake roof, hardwood floors, tile baths, wood sash, etc.
Owner—Thos. Cook, 730 O'Farrell St., San Francisco.

Architect—D. A. Jaekle, 126 Post St., San Francisco.

Contractor—Wilfred H. May, 459 Wisconsin Ave., San Mateo. * 1

To Be Done By Day's Work
APARTMENTS Cost, \$40,000
SAN FRANCISCO. SE Scott and Greenwich Sts.

Three - story and basement frame apartment building.

Owner & Builder—M. Desiano, 2453 Lombard St.

Engineer—Jas. Smith, 251 Kearny St.

Plans Completed
APARTMENTS Est. Cost, \$7,000
OAKLAND, Alameda Co., Calif.

Two-story frame and stucco four-family apartment house (hardwood floors, tile baths, wood sash, etc.)

Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract will be awarded shortly to a selected contractor.

Completing Plans
APARTMENTS Est. Cost, \$45,000
RICHMOND, Contra Costa Co., Cal.
23rd St., bet. Lowell and Rheems Streets.

Two-story frame and stucco apartment house (12 apts.), composition roof, hardwood floors, tile baths, wood sash, hot air heating system, etc.

Owner—W. K. Owen & Walter Johnson, 3145 Pletner Ave., Oakland.
Plans by Owner.

Plans will be completed in one week and segregated bids received by the Owners.

3—CHURCHES

PLANS BEING FIGURED

LONG BEACH, Cal.—Until March 21, 2 p.m. Architect D. Easton Herald, 115 Pine Ave., Long Beach, is taking bids from revised plans for a reinf. concrete church building to be built on the southeast corner of 5th St. and Atlantic Ave., Long Beach, for United Presbyterian Church. 3

PLANS BEING FIGURED

SNOWFLAKE, Ariz. — Architects Alexander & Burton, 918 Title and Trust Bldg., Phoenix, are taking bids for a new edifice to be built in Snowflake, Navajo County, Ariz., for the Church of Jesus Christ of Latter Day Saints. It will be a one-story structure, containing a chapel to seat 360 persons, social hall, classrooms, offices and kitchen; native stone construction. Est. cost, \$47,000. 3

4—FACTORIES & WAREHOUSES

PLANNED

LOS ANGELES, Calif. — Monarch Brewing Co., 1850 N. Main St., will erect a reinforced concrete bottling house (73x149 ft.) at 1808 N. Main St. Hugo Eckart, engineer, 1015 E. 8th St. Est. cost, \$33,000. 4

CONTRACT AWARDED

LOS ANGELES, Cal.—Schimmer & Wilberg, 1424 4th St., Santa Monica, awarded general contract for construction of a one-story warehouse (60x112-ft.) at 5701 Imperial Highway, Venice district, for the North American Aviation Co., 5701 Imperial Highway. Barnard Engr. Co., 318 E 12th St., Los Angeles, has the contract for the sprinklers. Elec. work and plumbing will be installed by the owner. Werner & Gwynn, engineers, 257 S. Spring St., Los Angeles. 4

Sub Contracts Awarded

FACTORY Cont. Pr. \$23,648
SAN FRANCISCO. W. Shotwell St., 100 S 16th St.

One - story Class B reinforced concrete factory bldg. (195 x 74.6 ft.), steel trusses.

Owner—Coxon Company.
Architect—L. G. Stoner, 251 Kearny.
Engineer—C. J. Sly, 251 Kearny St.
Contractor—De Luca & Son, Inc., 1745 Filbert St., San Francisco.

Reinforcing Steel—W. C. Hauck & Co., 280 San Bruno Ave., S. F.

Structural Steel—Schrader Iron Wks., Inc., 1247 Harrison St., S. F.

Roofing—H. H. Robertson Co., 149 New Montgomery St., San Francisco.

CONTRACT AWARDED

LOS ANGELES, Cal. — Macisaac, Craig & Hanson, 6624 Stanford Ave., awarded contract for erection of a one-story and part two-story warehouse and office building (140x60 ft.) at Leneve and Gasper Sts., Los Angeles county territory, for the Union Pacific Railroad Co., 422 West 6th St. All work included in general contract. Plans prepared by owner's architectural department. 4

Bids In—Held Under Advertisment
PLANT ADDITION Cost, \$.....
OAKLAND, Alameda Co., Cal. 8th and Fallon Streets.
Addition to plant.
Owner—Geo. R. Borrmann Steel Co., 25 8th St., Oakland.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Announcement shortly.

Contract Awarded
ADDITION Cost, \$17,500
SAN JOSE, Santa Clara Co., Calif.
275 E. Taylor St.

Addition to building.
Owner—Santa Clara Co. Vegetable & Fruit Growers' Assn., 315 East Taylor St.
Architect—Not Given.

Contractor—Joseph Santi, 1013 N. 12th St. 4

5—FLATS

To Be Done By Day's Work
FLATS Cost, \$8,500 each
SAN FRANCISCO. W. Webster St. 75 and 100 N Beach St.

Two two-story and basement frame flat buildings.

Owner and Builder—B. Liebman, 3319 Fillmore Street.

Plans by I. Goldstein, 1200 Oak St.

Contract Awarded
FLATS Cost, \$8,000
SAN FRANCISCO. N Greenwich St. 163 E Pierce St.

Two-story and basement frame flats.
Owner—Mendo Corporation.
Architect—Not Given.

Contractor—E. A. Janssen, 1136 Cleme-ment Street. 5

To Be Done By Day's Work
FLATS Cost, \$7,000
SAN FRANCISCO. E Montgomery, 24 S. Greenwich St.

Three - story and basement frame flats.

Owner and Builder—T. W. Borden, 1470 Montgomery Street.

Architect—Not Given. 5

6—GARAGES & SERVICE STATIONS

Contract Awarded
REMODELING Cost, \$.....
SAN FRANCISCO. SE Lincoln Way and 19th Avenue.

Remodel gasoline service station.
Owner—Shell Oil Co.

Plans by Engr. Dept. of Owner.
Contractor—Fred J. Early, Jr., 369 Pine Street.

Preparing Plans
SERVICE STATION Cost, \$.....
SAN FRANCISCO. Kearny Street, Columbus Ave. and Pacific St.

New steel gasoline service station.
Owner—McKale's, Inc.

Plans by Owner.

Bids will be asked in about one month.

Cleveland Wrecking Co., 260 Spear St., are completing wrecking of the building on site.

Sub Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO. NW Turk and Hyde Streets.

New steel gasoline service station (No. 23).

Owner—McKale's, Inc.
Plans by Owner.

Contractor—Aetna Constr. Co., 1730 24th Ave.
 Plumbing—Higgins & Kraus, 741 Tehama St.
 Sheet Metal—Coban & Leoni Heating & Sheet Metal Co., 1060 Folsom St.
 Tile Work—Scott Co., Inc., 243 Min-Lumber—Smith Lumber Co., 4th and Channel Sts.
 Mill Work—Warden Bros., 2501 Army St.
 Hardware—F. G. Norman & Sons, 890 Valencia St.

7—FEDERAL BUILDINGS

Preparing Plans
POST OFFICE AND FEDERAL BUILDING Cost, \$700,000
 FRESNO, Calif. N. Tulare, bet. N and M Streets.
 Three-story and basement post office and federal building.
 Owner—U. S. Government.
 Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.
 Bids will be opened during the month of June.

BIDS OPENED
 FORT McDOWELL, Calif.—Following bids were submitted to the Quartermaster, Fort McDowell, under Clrc. Prop. 536-38-15, for furnishing and installing oil-burning range and storage tank in the station hospital, Fort McDowell, Cal.
 Ray Oil Burner Co., 401 Bernal Avenue, San Francisco—(1) \$709.87; (2) \$294.90.
 John G. Iis Co., 2902 19th St., San Francisco—\$1,076 (work complete); sit. \$981. 7

OPENING DATE POSTPONED
PUGET SOUND, Wash.—Until March 22 (postponed from Mar. 8), bids will be received by the Bureau of Yards & Docks, Navy Department, for safety devices for elevators in General Storehouse, Building 290 and Pattern Shop, Building 59, at the Puget Sound Navy Yard, Bremerton, Wash.; Spec. No. 8666. Each bidder shall refer to above addendum in his bid to do so may constitute an informality in the bid. Estimated cost, \$4000.
 (6073) 1st report Feb. 21, 1938. 7

CONTRACT AWARDED
BAKER, Ore.—Dixie Constr. Co., Montgomery, Ala., at \$12,445, awarded contract by Department of Commerce, Bureau of Purchase & Sales, Washington, D. C., under Prop. 28963, for construction of radio facility buildings and erection of radio towers near Baker, Ore.
 (0357) 1st report Feb. 2; 2nd, Feb. 28, 1938. 7

MATERIALS APPROVED
NOME, Alaska.—The Treasury Department has approved the following building material and equipment awards for the construction of the U. S. P. O. at Nome. MacDonald Construction Co., general contractors:
 Sump pump, Yoemans Bros. Co.; well pumps, Goulds Pumps; mechanical traps, for return from heating coil in hot water tank, Sterling Engineering Co., in lieu of previous approval; oil burners for boilers and oil burner for water heating boiler, S. T. Johnson Co. 7

LOW BIDDERS
SAN FRANCISCO.—A. E. Mangs Associates, 666 Mission St., at \$3,959 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for making miscellaneous changes and repairs in

the U. S. Mint at San Francisco.
 Second and third low bidders were:
 De Luca & Son, Inc., S. F. \$4,795
 Clinton Const. Co., S. F. \$4,800

Planned
PARCEL POST BLDG.
 Est. Cost, \$2,000,000
SAN FRANCISCO, Cal.
 Construction of a Postoffice Department parcel post building near the Bay Bridge terminal.
 Owner—U. S. Government.
 Architect—Treasury Dept., Washington, D. C.

Negotiations for purchase of site probably will be completed within two weeks.

Preparing Plans
FEDERAL BUILDING
 Est. Cost, \$4,500,000
SAN FRANCISCO. Sansone and Washington Streets.
 Eleven-story relief conc. Federal Appraisers & Immigration Service Building, with stone facing, to cover entire site of present appraisers stores building.
 Owner—U. S. Government.
 Architect—Treasury Dept., Washington, D. C.

CONTRACT AWARDED
KLAMATH FALLS, Ore.—M. W. Cherry, 1829 Lakeview St., Klamath Falls, at \$3,360 submitted low bid and was awarded contract by the Bureau of Reclamation, Klamath Falls, for construction of a 4-room residence for the Tule Lake Division, Klamath Project, located near Klamath Falls. Spec. 1039-D.
 Other bids were:
 C. D. Gentry, Tulelake, Cal. \$3,507
 E. K. Loosley, Klamath Falls, 4,650
 J. F. Kamarad, Malin, Ore. 4,805
 (2631) 1st rep. Feb. 14, 1938. 7

BIDS OPENED
GRANTS PASS, Ore.—Ceco Steel Products Co., Chicago, Ill., at \$880, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for insect screens in the U. S. Post Office at Grants Pass, Ore.
 Other bids were:
 The Robbins Mfg. Co., Chicago, Ill. \$900.
 Chamberlin Metal Weather Strip Co., Inc., Detroit, Mich. \$1169.
 Nick Hemminga, San Francisco \$1650. 7

CONTRACT AWARDED
SAN FRANCISCO.—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco, at \$1788, was awarded contract by the Procurement Division, Public Bldgs. Br., Washington, D. C., for rubber tile floors in court rooms at the U. S. Post Office and Court House at San Francisco.

BIDS WANTED
SAN FRANCISCO.—Until April 1, 1 p.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing a complete elevator plant in the additional storage vault for the U. S. Mint at San Francisco.
 Specifications and drawings (if any) may be obtained from the above office. No deposit required.

Bids Wanted—To Close April 1, 1:00 P. M.
VAULT Est. Cost, \$220,000
SAN FRANCISCO. U. S. Mint, DuBois Ave. and Market St.
 Additional storage vault (except elevators), approx. 158 ft. long, 66 ft. wide and 24 ft. deep, with two decks, to be sunk in present driveway; work involves excavations,

ventilating system, etc.
 Owner—U. S. Government.
 Plans by Procurement Division, Public Buildings Branch, Washington, D. C.
 Plans and specifications may be obtained from the above office. No deposit for two sets of plans; additional sets, \$7 each.

Complete Bids
POST OFFICE
AUBURN, Placer Co., Cal.
 New U. S. Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—Lembke Constr. Co., 324 North St., Albuquerque, N. Mex. \$50,500.
 Complete bids follow:
 Lembke Constr. Co., Albuquerque, N. Mex.—\$50,500; (a) add \$300; (b) ded. \$125.
 James I. Barnes Constr. Co., Santa Monica—\$53,500; (a) \$180; (b) \$480.
 L. F. Dow Co., Los Angeles—\$48,927; (a) \$200; (b) \$150.
 Schuler & McDonald, Inc., Oakland—\$59,943 (a) \$137; (b) \$341.
 Vlesko & Hennaman, Salem, Ore.—\$63,000; (a) \$225; (b) \$200.
 Robert McCarthy, San Francisco—\$63,318; (a) \$500; (b) \$500.
 George Goedhart, Colusa—\$65,000; (a) \$500; (b) \$200.
 MacDonald Constr. Co., St. Louis, Mo.—\$66,470; (a) \$480; (b) \$140.

COMPLETE BIDS
SAN FRANCISCO.—A. E. Mangs Associates, 666 Mission St., at \$3,959 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for making miscellaneous changes and repairs in the U. S. Mint at San Francisco.
 Complete bids were:
 Albert E. Mangs & Associates, San Francisco \$3,959
 De Luca & Son, Inc., S. F. 4,795
 Clinton Const. Co., S. F. 4,800
 B. A. Howkins & C., S. F. 4,800
 Fred J. Early, Jr., S. F. 10,000

OPENING DATE POSTPONED
UNTIL MARCH 23
MARE ISLAND, Solano Co., Cal.—Until March 23 (postponed from Mar. 9), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for power-operated capstans at Navy Yard, Mare Island; Spec. 8515. Estimated cost, \$50,000.
 Plans and specifications may be obtained at the Bureau or from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED
LOS ANGELES, Cal.—Montgomery Elevator Co., Moline, Ill., at \$9,070, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing one passenger elevator in the U. S. Immigration and Naturalization Station at Los Angeles.

CONTRACT AWARDED
ALCATRAZ, Cal.—Pacific Electric Mfg. Corp., 5515 Third St., San Francisco, at \$28,962, awarded contract by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for erecting specified window guards on Buildings 67 and 82, U. S. Penitentiary, Alcatraz, under Spec. No. 56, Invt. 1286.

MATERIALS APPROVED
SANTA MONICA, Los Angeles Co., Cal.—Treasury Department has approved the following building material and equipment awards for the

construction of the U. S. P. O. at Santa Monica. James I. Barnes Construction Co., general contractors:

Oil and gas burning equipment, Pan - American Engr. Corp., main switches, Westinghouse Electric & Mfg. Co. 7

CONTRACT AWARDED

KELSO, Wash.—Central Nebraska Milkwork Co., 121 S. Denver Street, Hastings, Neb., at \$165 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing bulletin boards and finishing work for window grilles. 7

LATE LOW BIDDER

SAN DIEGO, Cal.—Fred A. Hellborn, 1416 5th Ave., San Diego, at \$651 submitted late low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for additional heating for hangar offices at the U. S. Coast Guard Air Station at San Diego. 7

BIDS WANTED

FORT MASON, Cal.—Until March 24, 11 A. M., bids will be received by the Constructing Quartermaster, Col. H. E. Pitz, Fort Mason, San Francisco, under Bid No. 6616-38-8, for painting exteriors of buildings at San Francisco National Cemetery, Presidio of San Francisco. (8290) 7

CORRECTION IN AWARD OF CONTRACT

SAN FRANCISCO.—The General Fireproofing Co., Mills Bldg., Washington, D. C., at \$2,748, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal shelving and electrical work at the Federal Office Bldg., San Francisco.

MATERIALS APPROVED

LAKEVIEW, Ore.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. P. O. at Lakeview. James I. Barnes Const. Co., general contractor: Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Halsey W. Taylor Mfg. Co.; brass water pipe, Wolverine Tube Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, H. A. Thrush Co.; nonconducting covering for plumbing, Johns-Manville Co.; sump pump, Well Pump Co.; tube and wall radiators, American Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, C. A. Dunham Co.; oil burning equipment, Pan-American Engr. Corp.; thermostatic traps and vacuum pumps, C. A. Dunham Co.; lighting distribution panel and feeder wire, NePage-McKenny Co.; r.c. wire, Habrshaw Cable & Wire Corp., receptacles and flush switches, Harvey Hubbell; glassware, Perfection Glass Co., and Phoenix Glass Co.; lighting fixtures, Perfecite Co. 7

8— CLUB BUILDINGS

Bids In—Held Unopened

BOWLING HALL Cost, \$.....
MERCED, Calif.
One-story concrete or hollow tile and concrete building (50x150 feet), containing eight bowling alleys, pool room, and restaurant.
Owner—Forest Harris, 5 20th Street, Merced.

Architect—G. N. Hilburn, 1211 K St., Modesto.

Bids are being held unopened until March 5th.

9— HOSPITALS

Bids Rejected

HOSPITAL ADDN. Cost, \$.....
FRESNO, Fresno Co., Calif.

New kitchen, etc., at Fresno County General Hospital (reinforced concrete construction).

Owner—County of Fresno.
Plans by Allied Architects of Fresno c/o Fred L. Swartz, Brix Bldg., Fresno.

All bids were rejected. Plans will be revised and readvertised at a later date.

The three low bids received on various segregations of the work follow:

General Work

W. J. Ochs, Helm Bldg., Fresno, \$69,957
R. W. Brown Const. Co., Modesto, 72,885
Trewitt Shields & Fisher, Fresno, 74,219

Mechanical Work

E. A. Newman, 320 N. "H" St., Fresno, \$9,500
V. J. Cox Co., Fresno, 9,643
Barrett-Hicks Co., Fresno, 11,213

Kitchen Equipment

Healey & Popovich, 818 Helm Bldg., Fresno, \$16,952
Dohrmann Hotel Supply Co., San Francisco, 17,632
Barker Bros., Los Angeles, 22,110

Refrigeration

Devlin-Drew Co., 718 F Street, Fresno, \$3,969
Barker Bros., Los Angeles, 4,995
Eckert-Etienne Engr. Corp., San Francisco, 5,135

Electric Work

Robinson Electric Co., 136 N. Van Ness Ave., Fresno, \$5,934
Wessell Elec. Co., Fresno, 6,000
Electric Const. Co., Fresno, 6,561

Preparing Working Drawings

HOSPITAL Est. Cost, \$700,000
SAN FRANCISCO, Seventh Avenue and Dewey Blvd., Laguna Honda Home.

New hospital bldg. (400 beds) connecting with present unit and containing ex-ray offices, staff offices, operating room and morgue, also reconstruction of ward buildings E and F, containing 400 beds, and reconstruction of employees' dining room, kitchen, etc., facilities and reconstruction of infirmary bldg. and heating and lighting systems to serve new additions.

Owner—City & County of San Francisco.
Architects—Dodge A. Riedy, 821 Market St., and Frederick H. Meyer, Kohl Bldg., San Francisco.

BIDS WANTED

MERCED, Merced Co., Calif.—Until March 21, 11 A. M., bids will be received by the Board of Supervisors of the County of Merced, for the electrical work in the new Women's and Children's Unit at the General Hospital site, Merced.

Plans and specifications prepared by Architect Arthur O. Johnson, Sir Francis Drake Hotel, San Francisco, may be obtained at the office of W. E. Bedesen, County Surveyor, Merced, upon deposit of \$5.00.

Bid must be accompanied by a certified or cashier's check in the amount of 10% of the bid.

Engineers Approved

HOSPITAL Est. Cost, \$700,000
SAN FRANCISCO, Seventh Avenue and Dewey Blvd. (Laguna Honda Home).

New hospital bldg. (400 beds) connecting with the present unit and containing ex-ray offices, staff offices, operating room and morgue, also reconstruction of

ward buildings E and F, containing 400 beds, and reconstruction of employees' dining room, kitchen, etc., facilities and reconstruction of infirmary bldg. and heating and lighting systems to serve new additions.

Owner—City & County of San Francisco.

Architects—Dodge A. Riedy, 821 Market St., and Frederick H. Meyer, Kohl Building.

Structural Engineers—W. H. Ellison Pacific Bldg., and Hall & Prehnoff, 350 California St., Associates.

Electrical Engineer—Robert L. St John, 544 Market Street.

Mechanical Engineers—Leland & Haley, 58 Sutter St.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded
FLASTERING Cont. Pr., \$34,577
YERBA BUENA SHOALS, Site of the 1939 World's Fair.

General plastering, west walls and main entrance at the Expositor site; Contract No. 132.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—James F. Smith, 27 Minna St.

BIDS OPENED

ALAMEDA CO., Cal.—A. Frederick Anderson, 1093 Longridge Rd., Oakland, at \$2,493, submitted low bid to the Public Utilities Commission, City Hall, San Francisco, for alterations for Caveras and Sunol cottages in Alameda Co. Only other bid submitted by C. A. Bruce & Son, Pleasanton, at \$2,800.

BIDS OPENED

SAN FRANCISCO.—Edwin Anderson, 998 Gilliam Ave., at \$5,900, submitted low bid to the Department of Public Works, City Hall, for painting Stockton Street Tunnel. Only other bid submitted by R. F. Paoli & Co., at \$5,990.

Low Bidder

COURTHOUSE Cost, \$.....
BOISE, Idaho.

Concrete, brick and stone courthouse to contain county offices, court facilities and jail.

Owner—Ada County (C. C. Kendall, Chairman of County Commissioners).

Architect—Wayland and Fennell and Tourtelotte & Hummel, Boise.

Low Bidder—C. O. Jordan & Son, Boise, \$363,300. 13

CONTRACT AWARDED

SAN FRANCISCO.—Barrett and Hilt, 915 Harrison St., at \$9,581, submitted low bid and was awarded contract by the Board of Directors, Golden Gate Bridge and Highway District, for construction of a comfort station on the Golden Gate Bridge.

Other bids were:
MacDonald & Kahn Co., Ltd.—\$13,000.

K. E. Parker Co.—\$14,992.

March 10, 1938

Planned
EXHIBIT BLDG. Cost, \$15,000
YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Exhibit building.
Owner—State of Missouri (R. E. L. Marrs, Secty. of Commission).

Architect—Not Given.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until March 21, 8 P. M., bids will be received by the San Mateo City Council, for wrecking and demolishing a building at 97 Third Ave., San Mateo.

Specifications obtainable at the City Engineer's office upon deposit of \$5.00. Bids will be opened in the council chambers, City Hall.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until March 21, 8 P. M., bids will be received by the San Mateo City Council for alterations to the Patterson garage building, 180 Second Ave., San Mateo.

Specifications obtainable at the City Engineer's office upon deposit of \$5. Bids will be opened in the council chambers, City Hall.

Bids Opened

AIR CONDITIONING
SACRAMENTO, Calif.

Air conditioning of the fifth floor of the Library and Courts Bldg., and of Office Bldg. No. 1. Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low Bidder—Hateley & Hateley, 1714 10th St., Sacramento—\$29,760.

Other bids were:
M. R. Carpenter, Sacto., \$29,901
Luppen & Hawley, Sacto., 30,982
York Ice Machinery Co.,
San Francisco 31,577

Bids Wanted—To Close March 22, 2:00

SERVICE BLDG. Cost, \$.....
SACRAMENTO, Cal. State Capitol Grounds.

Erection and completion of additions and alterations to Service Bldg., State Capitol Grounds; work consists of remodeling an existing cement plastered wood frame service building and constructing a new one-story brick service building with wood walls and concrete floors, wood shingled roof.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento. Separate bids only will be entertained for the following segregated parts of the work: (1) general work; (2) electrical work, and (3) plumbing and heating work.

Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Bids must be accompanied by cash or certified check payable to the Director of Public Works, in the amount of 10% of bid.

Bids Opened

BARRACKS Cost, \$.....
YOUNTVILLE, Napa Co., Calif.

Erection and completion of Barracks No. 7 at the Veterans' Home at Yountville, consisting of a two-story reinf. concrete bldg. with steel sash and tile roof, together with approximately 880 l.f. of services, conduits and manholes.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Low Bidder—C. L. Wold Const. Co. Ltd., 4412-16 Fulton Street, San Francisco, \$178,173.

Separate bids were received for the following segregated parts of the work:

- (1) General work;
- (2) Electrical work;
- (3) Plumbing work;
- (4) Heating work.

Complete bids follow:

	General Work
C. L. Wold Const. Co., Ltd., San Francisco	\$178,173
Geo. J. Maurer, Piedmont	180,365
Dinwiddie Const. Co., S. F.	183,658
Campbell Const. Co., Sacramento	184,620
Carl N. Swenson Co., San Jose	187,845
(includes \$4500 telegraphic deduc.)	
K. E. Parker Co., S. F.	189,870
Barratt & Hill, S. F.	191,225
Clinton Const. Co., S. F.	193,900
(inc. \$11,000 telegraphic deduction)	
MacDonald & Kahn Co., S. F.	194,491
Moore & Roberts, S. F.	197,998
E. A. Hawkins & Co., S. F.	198,720
H. Mason, Los Angeles	205,415
(inc. \$1,000 telegraphic deduction)	
	Electrical Work
Collins Electrical Co., 708 E. Market St., Stockton	\$9,413
Alta Electric & Mechanical Co., Inc., San Francisco	9,595
G. H. Armstrong, S. F.	9,797
Allen R. Ochs, Berkeley	10,300
Scott-Buttner Elec. Co., Oakland	10,654
Eddy Elec. & Mechanical Co., Stockton	10,930
Roy M. Butcher, San Jose	11,426
T. L. Rosenberg, Oakland	11,347
Reliable Elevator Works, Sacramento	11,460
Commercial Elec. Co., S. F.	11,492
Bennett & Taylor, L. A.	11,964
Luppen & Hawley, Sacto.	12,465
Abbett Electric Co., S. F.	12,888
	Plumbing Work
Scott Co., Inc., 243 Minna St., San Francisco	\$20,137
M. R. Carpenter, Sacramento	20,603
Jas. A. Nelson, Inc., S. F.	22,044
J. A. Fazio, Oakland	22,385
M. J. Reeves Heating Co., San Francisco	22,564
Luppen & Hawley, Sacto.	23,873
Travers Riddle, Inc., L. A.	24,871
Herman Lawson Co., S. F.	25,937
	Heating Work
W. A. Aschen, 3000 E 16th St., Oakland	\$17,394
Alta Electric & Mechanical Co., Inc., S. F.	17,679
M. R. Carpenter, Sacto.	17,993
M. J. Reeves Heating Co., San Francisco	18,642
Pacific Htg. & Vent. Co., Oakland	19,745
Jas. A. Nelson, Inc., S. F.	19,823
J. J. McDermott, Sacramento	20,345
Herman Lawson Co., S. F.	20,997
Travers Riddle, Inc., L. A.	20,924
Scott Co., Inc., S. F.	20,987
Luppen & Hawley, Sacto.	21,878
Cory & Joslin, Inc., S. F.	22,184
(500 1st rep. Feb. 9, 1938. * 13	

Opening Date Postponed Until April 4, 3 P. M.

EXHIBIT BLDGS. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of buildings in North Square Court at Yerba Buena Shoals; Contract No. 143 (work involves extensions to Palaces 12 to 14 and Palaces 15 and 16, Ferry Entrance Towers, walls and arches, pylon, steps and cascades).

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Plans and specifications obtainable March 9 from the above office upon deposit of \$20.

Mr. Sharp, of the Exposition Company, will accompany contractors to the Shoals March 21.

Opening date postponed from Mar.

Bids Wanted—To Close March 28, 3:00 P. M.

EXHIBIT BUILDING
YERBA BUENA SHOALS. Site of

General construction of buildings in the 1939 World's Fair.

North Square Court at Yerba Buena Shoals; Contract No. 143.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St.

Plans and specifications obtainable from the above office upon deposit of \$20.

Plans Completed

ADDITION Est. Cost, \$40,000
SACRAMENTO, Calif. 1 Street bet. Ninth and Tenth Streets.

Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento.

Architect—Harry J. Devine, Cronan Building, Sacramento.

Bids will be asked shortly.

Preparing Working Drawings

FIRE HOUSE Est. Cost, \$20,000
LARKSPUR, Marin Co., Calif.

Two-story frame fire house to contain garage for fire apparatus, chief's office and jail on the 1st floor, and living quarters for chief, dormitory and recreation rooms on second floor.

Owner—Town of Larkspur.

Architect—S. Heiman, 605 Market St., San Francisco.

Bids Wanted—To Close March 28, 3 P. M.

EXHIBIT BLDGS. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of buildings in North Square Court at Yerba Buena Shoals; Contract No. 143. (work involves extensions to Palaces 12 to 14 and Palaces 15 and 16, Ferry Entrance Towers, walls and arches, pylon, steps and cascades).

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications available March 9, 2 P. M., from the above office upon deposit of \$20.

Contract Awarded

CITY HALL Cont. Fr., \$36,980
DAVIS, Yolo Co., Cal. F Street.

One-story Spanish style City Hall, fire house and jail building, to house administrative offices and court room.

Owner—City of Davis.

Architect—Dragon & Schmidts, 2668 Allston Way, Berkeley.

Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Preparing Preliminary Plans

JAIL Cost, \$20,000
PORTERVILLE, Tulare Co., Cal.

One-story reinforced concrete jail building.

Owner—City of Porterville.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Sub Contracts Awarded

ADDITIONS Cont. Fr., \$197,300
SACRAMENTO, Calif. Agricultural Park.

Erection and completion of additions to grandstand and the administration building at Agricultural Park, consisting of an extension of approximately 220 linear feet to existing grandstand of reinf. concrete structural steel and brick construction and construction of a one-story and part two-story reinforced concrete administration building, with brick veneer and tile roof containing approxi-

mately 15,500 sq. ft. of floor area.
Owner—State of California.

Architect—Geo. B. McDougall, State
Architect, Public Works Bldg.,
12th and N Sts., Sacramento.
Contractor—Azevedo Constr. Co., 920
O St., Sacramento.

Administration Bldg.
Brick Work—Henry Redmond, 2414
H St.

Concrete—Perkins Gravel Co., 1846
37th St.

Mill Work—Capital City Planing
Mill, 1812 9th St.

Painting—Willcoxon & Wilson, 1724
34th St.

Plastering—John C. Perry.
Excavation—Leo Lentz, 2548 41st St.

Glass and Glazing—W. P. Fuller Co.,
1013 12th St.

Hardware—Shorroch-Smith Hard-
ware Co., 818 J St.

Lumber—Dolan's Lumber Co.
Steel Sash and Reinforcing Iron—
Soule Steel Co., 1750 Army St.,
San Francisco.

Roofing—Sacramento Roofing & In-
sulation Service, 12th and North
B Sts.

Sheet Metal—W. H. Gibson, 417 29th
St.

Tile Work—H. O. Adams, 911 26th
St.

Structural Steel—Herrick Iron Wks.,
1729 Campbell St., Oakland.

Hollow Metal Frames and Window
Stools—Forderer Cornice Works,
269 Potrero St., San Francisco.

Vault Doors—Herring-Hall-Marvin
Co., 214 California St., San Fran-
cisco.

Cast Stone—C. Tallabue, 2410 Burn-
nett St.

Terra Cotta—Gladding, McBean Co.,
Harrison and Ninth Sts., San
Francisco.

Grandstand
Brick Work—Henry Redmond, 2414
H Street.

Concrete—Perkins Gravel, 1846 37th
St.

Glass and Glazing—W. P. Fuller Co.,
1013 12th St.

Hardware—Shorroch-Smith Hard-
ware, 818 J St.

Lumber—Dolan's Lumber Co.
Mill Work—Capital City Planing
Mill, 1812 9th St.

Ornamental Iron—Sartorius Co., Inc.,
2530 18th St., San Francisco.

Reinforcing Iron and Steel Sash—
Soule Steel Co., 1750 Army St.,
San Francisco.

Cast Stone—C. Tallabue, 2410 Burn-
nett St.

Painting—Willcoxon & Wilson, 1724
34th St.

Plastering—John C. Perry.
Roofing—Sacramento Roof Insula-
tion Service, 12th and North B
Streets.

Sheet Metal—F. Z. Ahl, 2114 P St.
Tile Work—H. O. Adams, 911 26th St.

Structural Steel—Herrick Iron Wks.,
1729 Campbell St., Oakland.

All of Sacramento, unless other-
wise noted.

14— RESIDENCES

Contract Awarded
RESIDENCE Est. Cost, \$16,000

PALO ALTO, Santa Clara Co., Calif.
137 Martin Avenue.

Two-story residence and garage.
Owner—F. L. Crist, 505 Emerson St.,
Palo Alto.

Architect—Ed. Musson Sharpe, 111
Sutter St., San Francisco.

Contractor—Peterson & Frykman, P.
O. Box 656, Palo Alto.

Plans Completed
RESIDENCE Cost, \$5500

SAN FRANCISCO. Forest Hills.
Two - story frame residence (six
rooms), composition roof, hard-

wood floors, tile baths, wood
sash, etc.

Owner—Marian T. Miller, c/o Con-
tractor.

Architect—Chester Trichel, 696
Cleveland St., Oakland.

Contractor—R. T. Fickett, 354 Hobart
St., Oakland.

Contract Awarded
RESIDENCE Cost, \$16,400

PALO ALTO, Santa Clara Co., Cal.
141 Dana St.

Two-story frame residence and ga-
rage.

Owner—Frank J. Miller.
Architect—Not Given.

Contractor—Aro & Okerman, Box
433, Palo Alto. 14

To Be Done By Day's Work
RESIDENCE Cost, \$8,000

SAN MATEO, Cal. Lot 10, Blk. 18,
Nevada St.

Two-story frame residence.
Owner and Builder—David Kent
Brookes, 900 Fourth Ave., San
Mateo.

Architect—Not Given. 14

Low Bidder
RESIDENCE Cost, \$.....

ORINDA, Alameda Co., Calif.
One-story residence (5 rooms).

Owner—Withheld.
Architect—Williams and Wastell, 337
17th St., Oakland.

Low Bidder—H. C. Andresen & Son,
690 Montclair Ave., Oakland.

Contract Awarded
RESIDENCE Cost, \$9,500

SAN LEANDRO, Alameda Co., Cal.
One - story frame and wood siding
residence (shake roof, hardwood
floors, tile baths, wood sash, etc.).

Owner—Mr. Cast, c/o Architect.
Architect—Irwin M. Johnson, 2219
Seventh Ave., Oakland.

Contractor—Derry Bros., 815 E. 14th
St., San Leandro.

To Be Done By Day's Work
RESIDENCES Cost, \$8000 each

SAN FRANCISCO. E Pierce Street
33 and 63 N Greenwch St.

Two two-story and basement frame
residences.

Owner and Builder—Thos. R. Shar-
man, 3700 Broderick Street.

Architect—Not Given. 14

Preparing Preliminary Plans
RESIDENCES Cost, \$4,000 each

RICHMOND, Contra Costa Co., Cal.
Four one-story frame and stucco
residences, hardwood floors, tile
baths, etc.

Owner—Withheld.
Architect—Keith O. Narbett, 462 31st
St., Richmond.

Sub-Contracts Awarded
RESIDENCE Cost, \$6,500

OAKLAND, Alameda Co., Cal. 5211
Hillen Drive.

One-story frame residence (6 rooms)
Owner—G. H. Dahlstrom, 1405 68th
Avenue, Oakland.

Architect—Not Given.
Contractor—P. Royal Haulman, 1243
Broadway, Alameda.

Roofing—Camisa Bros. Roofing Co.,
1217 Central Ave., Alameda.

Plumbing—J. R. Olivera, 9515 Cherry
St., Oakland.

Lumber—Scammell Lumber Co., ft.
of Eighth Ave., Oakland. 14

To Be Done By Day's Work
RESIDENCES Cost, \$4,000 ea.

SAN FRANCISCO. Rome St. and Mt.
Vernon Avenue.

Nine one-story and basement frame
residences.

Owner and Builder—Stoneson Bros.,
1 Sloat Boulevard.

Architect—H. G. Stoner, 251 Kearny
Street. 14

Sub Contracts Awarded
RESIDENCE Cost, \$9,000

PALO ALTO, Santa Clara Co., Cal.
280 Washington Ave.

One-story frame residence and ga-
rage.

Owner—C. Griffin, 519 Byron St.
Architect—Not Given.

Contractor—C. A. Pellymounter, 585
Bailey Ave., Mountain View, Cal.

Plumbing, Heating and Sheet Metal
—Wallace & Stump, 455 Hope St.,
Mountain View.

Electric Wiring—F. J. Bartholomae
Electric, 428 Guinda St., Palo
Alto.

Glass—West Coast Glass Co., 516
High St., Palo Alto.

Window Shades and Linoleum—Du-
cruet Furniture Co., 424 Univer-
sity Ave., Palo Alto.

Hardwood Floors—F. Backlund &
Son, 1329 Hoover St., Menlo Park.

Foundations and Concrete—Ferrioli &
Bettini, 957 University Drive,
Menlo Park.

Lumber—Palo Alto Lumber & Roof-
ing Co., Emerson and Channing,
Palo Alto.

Mill Work—Anton Lumber Co., 599
Front St., Mountain View.

Lathing and Plastering—Ray Mack,
1146 California St., Mtn. View.

Brick and Stone—Walker Bros., 950
Noble Ave., Menlo Park. 14

Contract Awarded
RESIDENCE Cost, \$9,500

SAN JOSE, Santa Clara Co., Calif.
One-story frame and wood siding and
brick veneer residence (7 rooms)
shake roof, hardwood floors, tile
baths, hot air heating system.

Owner—G. C. Glans, c/o Architect.
Architect—Edward W. Kress, 516 1st
National Bank Bldg., San Jose.

Contractor—Ormal W. Dodd, 1135
Lincoln Ave., San Jose.

Bids Wanted
RESIDENCE Est. Cost, \$5,000

WOODSIDE, San Mateo Co., Calif.
One - story and basement frame and
stucco residence (steel sash, com-
position roof, gas fired hot air
heating system, hardwood floors,
tile baths, etc.)

Owner—Withheld.
Architect—E. H. Denke, 1317 Hyde
St., San Francisco.

No definite bid opening date has
been set.

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$8,200

RICHMOND, Contra Costa Co., Cal.
Mira Vista District.

Two - story frame and stucco resi-
dence (hardwood floors, tile baths
wood sash, etc.)

Owner—Withheld.
Architect—Keith O. Narbett, 462 31st
Ave., Richmond.

Sub Contracts Awarded
RESIDENCE Cost, \$25,537

WOODSIDE, San Mateo Co., Calif.
10 Mountain Home Road.

New residence.
Owner—G. Willard Somers, c/o Ar-
chitect.

Architect—L. I. Nichols, 532 Em-
erson St., Palo Alto.

Contractor—G. W. Williams Co., 10
California Dr., Burlingame.

Plumbing—H. R. Park, 1230 Broad-
way, Burlingame.

Electric Wiring—Dingman's Electric
Service Shop, 1027 Allerton St.,
Redwood City. 14

Plans Being Re-Figured
RESIDENCE Cost, \$.....

ROSS, Marin Co., Calif.
Two - story frame and stucco resi-
dence (5 rooms) composition roof,
forced air heating system, wood
sash, hardwood floors, etc.

Owner—Carl Risnik, c/o Architect.

Architect — Angus McSweeney, 604 Mission St., San Francisco.
Revised plans are being refigured by the following contractors only:
De Luca & Son, Inc., 1745 Filbert St., San Francisco.
Leibert & Trobeck, Albert Bldg., San Rafael.

Contract Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO. Chestnut St. and Montclair Terrace.
Three-story frame and stucco residence (10 rooms, 3 baths), composition roof, hardwood floors, tile baths, wood sash, gas heating system, etc.
Owner—W. P. Busher, c/o Archt.
Architect—G. A. Dailey, 210 Post St.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.

Contract Awarded
RESIDENCE Cost, \$8,500
OAKLAND, Alameda Co., Calif. 849 Walnut Vista Avenue.
Two-story frame residence (7 rooms)
Owner—Emily Rose, c/o Contractor.
Architect—Not Given.
Contractor—Park Lane Builders, 2452 Sacramento St., Berkeley. 14

Plans Completed
RESIDENCE Est. Cost, \$6500
SAN LEANDRO, Alameda Co., Cal.
One-story frame and stucco residence (7 rooms), hardwood floors, shake roof, gas-fired hot air heating system, tile baths, wood sash, etc.
Owner—J. C. Beery, c/o Contractor.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—J. S. Wiggins, 112 Glenwood Glade, Oakland.

Contract Awarded
RESIDENCE Cost, \$8,000
BERKELEY, Alameda Co., Cal. 721 Cragmont Ave.
One-story frame residence and garage.
Owner—Albert Camille, 1573 Scenic Ave.
Architect—W. S. Wellington, 260 California St., San Francisco.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave. 14

Contract Awarded
RESIDENCE Cost, \$7,500
VISALIA, Tulare Co., Cal.
One-story frame and stucco residence (6 rooms, 2 baths).
Owner—M. B. Swanson, 204 Fairway Drive, Visalia.
Architect — Fred L. Swartz, Brix Bldg., Fresno.
Contractor—T. T. Godsey, 401 South Willis, Visalia.

Low Bidder
RESIDENCE Cost, \$.....
KENTWOOD, Marin Co., Calif.
One-story frame and wood siding residence (7 rooms), white and knotty pine in den and living room, hardwood floors, linoleum baths, brick terrace.
Owner—C. C. Ward, c/o Architect.
Architect — Fred Reimers, 233 Post St., San Francisco.
Low Bidder—Leach & Wallace, 133 Saunders Ave., San Anselmo.

Bids In—Under Advise ment.
RESIDENCE Est. Cost, \$13,500
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (gas fired hot air heating, shake roof, hardwood floors, tile baths, wood sash, etc.)
Owner—C. Von Gunten, c/o Architect.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Plans were figured by a selected

list of contractors. Announcement shortly.
To Be Done By Day's Work
RESIDENCES (5) Cost, \$8,000 each
SAN FRANCISCO. E. Parker St., South of Turk St.

Five two-story and basement frame residences.
Owner & Builder—Oliver M. Rouseau, 321 Kearny St.
Architect—Not Given. 14

To Be Done By Day's Work
RESIDENCES (2) Cost, \$4,000 each
SAN FRANCISCO. W. 30th Ave., 275 and 300 feet south of Lawton Street.
Two one-story and basement frame residences.
Owner & Builder—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—Not Given. 14

March 4, 1938.
Preparing Preliminary Plans
RESIDENCE Cost, \$10,000
NAPA, Calif.
Two-story basaltic block residence (9 rooms), metal shak, composition roof, hot water heating system, tile baths, etc.
Owner—George Hewitt, c/o Archt.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Upon completion of plans bids will be asked of a selected list of general contractors.

Planned
TRAILER CAMP Cost, \$100,000
SAN LEANDRO, Alameda Co., Cal. Bet. Foothill Blvd. and E. 14th St., at 143rd Ave.
Automobile tourists' cabins, store, concession booths, sewers, water, lights, cabins, pavilions, playgrounds, etc.
Owner—Trailer Cities, Ltd., 809 6th Ave., San Diego.
Architect—Not Given.
Construction will begin in about one month.

Bids Opened
RESIDENCE Cost, \$.....
OAKMORE, Alameda Co., Cal. Waterhouse Road.
One and one-half story frame and stucco residence (6 rooms).
Owner—W. Schoettler, c/o architect.
Architect—L. W. Johnson, 2219 7th Ave., Oakland.
Low Bidder—J. M. Olson, 1152 Versailles Ave., Alameda, \$8,350.
Other bids were:
J. R. Armstrong, Oakland.....\$8,738
Mark Bristol, Oakland..... 9,150
H. P. Atkinson, Orinda..... 8,910

Plans Completed
RESIDENCE Est. Cost, \$8000
RICHMOND, Contra Costa Co., Cal.
Two-story frame and stucco residence (shake roof, hardwood floors, tile baths, wood sash, etc.)
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Ave., Richmond.
Plans will be figured shortly by a selected list of contractors.

Bids In—Held Under Advise ment
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif.
Two-story frame and stucco residence (10 rooms, 4 baths), tile roof, gas hot air heating system, hardwood floors, tile baths, gas.
Owner—Mr. Stonelake, c/o Archt.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, \$15,000
BERKELEY, Alameda Co., Cal. 501 Santa Barbara St.

Two-story frame residence (eight rooms), garage.
Owner—S. Williams.
Architect—Jas. W. Plachek, Mercantile Bank Bldg., Oakland.
Contractor — Frank A. Stead, 3206 Boise St., Berkeley. 14

Preparing Preliminary Plans
RESIDENCE Cost, \$7,500
LINDSAY, Tulare Co., Cal.
One-story frame and stucco residence (6 rooms, 2 baths).
Owner—Ralph E. Wolf, 441 Orange St., Lindsay.
Architect — Fred L. Swartz, Brix Bldg., Fresno.

Plans Completed
RESIDENCE Cost, \$14,000
MADERA, Calif.
Two-story frame and stucco residence.
Owner—D. Stephenson, 115 South C St., Madera.
Architect — Fred L. Swartz, Brix Bldg., Fresno.

To Be Done By Day's Work
RESIDENCES Cost, \$4,500 each
SAN FRANCISCO. E. 48th Ave., S of Geary St.
Six one-story and basement frame residences.
Owner and Builder—Herman Christensen, 1801 19th Ave.
Architect—C. O. Clausen, 746 46th Ave. 14

Low Bidder
RESIDENCE Est. Cost, \$13,500
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco residence (gas-fired hot air heating, shake roof, hardwood floors, tile baths, wood sash, etc.)
Owner — C. Von Gunten, c/o Archt.
Architect — Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Low Bidder—A. F. Mattock Co., 212 Clara St., San Francisco.

15—SCHOOLS

CONTRACT AWARDED
BELL, Los Angeles Co., Calif.—Jones Bros., 9430 Santa Monica Blvd. Beverly Hills, awarded contract by Los Angeles Board of Education at \$29,950, for partial construction of a new administration unit and an 8-classroom addition at Corona Ave. school, 3825 Bell Ave., Bell. Plans prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

Sub Contracts Awarded
DAVIS, Yolo Co., Cal.—Lawrence Construction Co., 5372 Ninth Avenue, Sacramento, awarded following sub contracts for general construction of garage unit No. 3 (temporary mathematics-physics building, at the University Farm, Davis, Cal.:
Concrete—Perkins Gravel Co., 1846 37th St.

Glass and Glazing—W. P. Fuller & Co., 1013 12th St.
Lumber—Davis Lumber Co., 820 3rd St., Davis.
Structural Steel—Western Iron Wks., 141 Beale St., San Francisco.
Reinforcing and Ornamental Iron—Falm Iron Works, 15th and S Sts.
Sash—Michal & Pfeffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.

Floor—C. E. Lewis.
Millwork—Burnett & Sons Planing Mill, 11th and C Sts.
Painting—Walter G. Ehrman, 2813 Franklin Blvd.
Roofing—The Allyn Lord Burr Co., 2417 28th St.
Sheet Metal—Frank Z. Ahl Sheet Metal Works, Inc., 2114-16 P St.
All of Sacramento unless otherwise noted.

Contracts Awarded**SCHOOL BUILDINGS**

CAMPBELL, Santa Clara Co., Cal.
Second unit of addition to Campbell High School to consist of administration bldg., auditorium bldg. and shop bldg.; fencing, paving, and construction of six tennis courts.

Owner—Campbell Union High School District.
Architect—H. H. Weeks, 593 Market St., San Francisco.

Administration Building
Carl N. Swenson Co., 355 Stockton Ave., San Jose, at \$122,442.
Auditorium Building
Nielsen & Erbenratt, 2015 Market St., San Jose, at \$52,153.

BID OPENED

SAN FRANCISCO.—Higgins Co., 1930 Van Ness Ave., at \$63.47, submitted only bid to the Department of Public Works, City Hall, for laying mastpave in basement room at Girls' High School. Size, 17 feet by 31 feet.

Plans Completed
GYMNASIUM Est. Cost, \$10,000
LAKEPORT, Lake Co., Cal.
One-story frame gymnasium at Clear Lake High School (composition roof, maple floors, no plumbing work).

Owner—Clear Lake Union High School District.
Architect—John Easterly, Healdsburg and Santa Rosa.
Bids will be asked in about two weeks.

Bids Wanted—To Close March 22, 7:30 P. M.
MUSIC BLDG. Est. Cost, \$40,000
SALINAS, Monterey Co., Cal.
Addition of a one-story frame and stucco music building (approximately 75 x 100 feet), to contain a band room and twelve practice rooms, at the high school.
Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids will be received as follows:
(1) General construction, with alternate bids;
(2) Heating, Plumbing, and Sheet Metal;
(3) Electric.

As previously reported, plans and specifications may be obtained at the architect's office upon deposit of \$25. Bids will be opened in the office of the school board, in the Salinas National Bank Building, and must be accompanied by cash, bidder's bond, or certified check in the amount of 10% of bid, payable to R. D. Case, Secretary of the Board of Trustees.

BIDS WANTED

ESCONDIDO, San Diego Co., Cal.—Until March 28, 7:30 p.m., bids will be received by Escondido Union Sch. District for classroom buildings No. 1 and No. 2 and an assembly building to be built at the present elementary school at Maple and Third Sts., Escondido. Estimated cost, \$150,000. Plans obtainable from Architects Kistner & Curtis, 412 Architects' Building, Los Angeles. Bidder's bond or certified check for 5% to accompany bid. * 15

BIDS WANTED

LOS ANGELES, Cal.—Until Mar. 23, 2 P. M., bids will be received by Los Angeles Board of Education, 1425 San Pedro St., Los Angeles, for a reinforced concrete English and social science building, to be known as Holmes Hall, to be built at the Los Angeles Junior College, 855 N.

Vermont Ave. Only a portion of the work is planned at this time. Cost of this is estimated at \$93,000. Allison & Allison, architects, 1014 Edison Bldg.; F. N. Ropp, structural engineer; F. L. Ellingwood, mechanical engineer. * 15

LOW BIDDERS

NEAR EL MONTE, Los Angeles Co., Cal.—J. & B. Const. Co., 5572½ Valley Blvd., Los Angeles, submitted low bid to Temple School District at \$36,950, for reconstruction of cafeteria and classroom unit and construction of a kindergarten and primary room addition to the Temple school, near El Monte. Other low bids were: Plumbing and heating, Traverse-Riddell, Inc., 3016 Vernon, Los Angeles, at \$2906; electric work, Geo. E. Ledford, 103 E Palm Street, Compton, at \$2725; gas heaters, Hammel Radiator Corp., 8980 Santa Monica Blvd., Los Angeles, at \$548. Contracts for plumbing and heating and electrical work awarded to the low bidders; bids for other work held under advisement. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. * 15

Plans Completed
SCHOOL BLDG. Cost, \$40,000
TERRA BELLA, Tulare Co., Cal.
One-story frame and stucco grammar school building (three classrooms and assembly hall), tile roof.

Owner—Terra Bella Grammar Sch. District.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

Plans are now in Sacramento awaiting approval of State Division of Architecture.
(5124) 1st report Sept. 22, 1937. * 15

Plans Completed
SCHOOL ADDN. Est. Cost, \$85,000
DELANO, Kern Co., Cal.
One-story concrete school addition to contain eight classrooms for domestic science and commercial departments; stucco exterior finish, stud and channels interior finish, and channels interior roof partitions, composition roof, concrete slabs and asphalt tile and terrazzo floors, gas-steam radiators, etc.

Owner—Delano Joint Union High School District.
Architect—Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.

Plans will be available at the architect's office March 11. Bid opening date will be set shortly.

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until Mar. 22, 7:30 p.m., bids will be received by the Santa Paula High School District for a reinf. concr. auditorium building to be built at Santa Paula High School. It will cover an area of 60x115 feet and will seat 1000 persons. Est. cost, \$75,000. Seating not included in general contract. Plans may be obtained at the high school upon deposit of \$10. Frederick Kennedy, Jr., architect, 1041 E. Green Street, Pasadena. * 15

LOW BIDDERS

SAN PEDRO, Calif.—J. C. Bannister, Inc., 903 N. Mariposa, Los Angeles, submitted low bid to Los Angeles Board of Education, at \$33,148, for strengthening and reconstruction of the West building at the Barton Hill School, 423 N. Pacific Ave., San Pedro. Andrew Gurtner, 1314 W. 68th St., submitted low bid for painting at \$1175. Plans prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. * 15

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until March 22, bids will be received by the Santa Paula High Sch. District for a reinforced concrete auditorium building to be built at Santa Paula High School. It will cover an area of 60x115 feet and will seat 1000 persons. Estimated cost, \$75,000. Seating not included in general contract. * 15

BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 16, 12 p.m., bids will be received by Los Angeles Board of Education, 1425 S. San Pedro St., for partial construction of a new classroom bldg. (65 x 208 ft.) at the Manual Arts High School, 4131 S. Vermont Ave. Donald B. Parkinson, 434 Title Ins. Bldg., architects; Holmes & Narver, 639 S. Spring St., structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer. * 15

BIDS WANTED

LOS ANGELES, Cal.—Until Mar. 18, 12 p.m., bids will be received by Los Angeles Board of Education, 1425 S. San Pedro St., for partial construction of a 1-story, 1000-seat auditorium building at the Torrance High School, Carson and Watson Sts., Torrance. Wesley Eager, architect, 816 W. 5th St., Los Angeles; Laurence J. Waller, structural engineer; Ralph E. Phillips, mechanical engineer. * 15

BIDS WANTED

SAN DIEGO, Cal.—Until March 21, 7:30 p.m., bids will be received by the San Diego Unified School District for the construction of girls' shower room unit at Herbert Hoover High School, 4474 El Cajon Avenue, San Diego. Bidding data obtainable from Architect Wm. H. Wheeler, 2101 Commercial St., San Diego. Certified or cashier's check or bond for 2% required. * 15

CONTRACT AWARDED

SAN DIEGO, Cal.—C. F. Von Gunden, 4581 Delaware Ave., San Diego awarded contract by San Diego Bd. of Education at \$39,320 (accepting Alt. No. 2) for construction of an 8-classroom concrete addition to the Herbert Hoover high school, 4474 El Cajon Ave. Kistner & Curtis, architects, Spreckels Theater Building, San Diego. * 15

CONTRACT AWARDED

LOS ANGELES, Cal.—Contracting Engineers Co., 2310½ W. Vernon Ave., will build a wood frame community center at the northwest corner of Soto St. and Michigan Ave. for Jewish Centers' Assn. Geo. Lourdou, Bank of America Bldg., Glendale, is the architect. The community building will contain ten classrooms. The second unit will contain a combination gym-auditorium. Cost, \$60,000. * 15

LOW BIDDER

BELL, Los Angeles Co., Calif.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, submitted low bid to Los Angeles Board of Education, at \$29,950, for partial construction of a new frame and stucco administration unit and an 8-classroom addition at the Corona Avenue School, 3825 Bell Ave., Bell. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. * 15

Preparing Working Drawings
ADDITIONS Cost, \$250,000
SALINAS, Monterey Co., Cal.
Addition of classrooms and gymnasium dressing rooms to the Jun-

ior College and addition of cafeteria and horticultural classroom to the agricultural building at the high school.
 Owner—Salinas Union High School District.
 Architect—Chas. E. Butner, 7 Winham St., Salinas.
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids Wanted—To Close March 22, 7:30 P. M.
MUSIC BLDG. Est. Cost, \$40,000
 SALINAS, Monterey Co., Calif.

Addition of a one-story frame and stucco music building (approximately 75x100 feet), to contain a band room and twelve practice rooms, at the high school.
 Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Plans and specifications may be obtained at the architect's office upon deposit of \$35.

Bids will be opened in the office of the school board, in the Salinas Bank Building.

Complete Bids
SCHOOL

KERN CO., Cal., near Shafter.
 One-story reinforced concrete school building on Richland school site.
 Owner—Richland Grammar School District, c/o Clerk.

Architect—Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno.
 Low Bidder—R. Hodgson & Sons, 510 Second St., Porterville—\$43,300.

General bids were received with the following alternates: (1) ded. for omitting plumbing, and (2) ded. for omitting electric work.

Complete bids follow:

General Work

R. Hodgson & Sons, Porterville—\$43,300; (1) \$8500, (2) \$3700.
 Fast & Vannetta, Shafter—\$44,431; (1) \$7820, (2) \$3017.
 W. J. Ochs, Fresno—\$45,598; (1) \$7500, (2) \$3500.

R. W. Brown Constr. Co., Madera—\$46,820; (1) \$8447, (2) \$3619.

Graham & Dormandy, Delano—\$46,990; (1) \$8900, (2) \$3400.

Wesco Constr. Co., Los Angeles—\$48,556; (1) \$9025, (2) \$3000.

Guy E. Hall, Los Angeles—\$48,948; (1) \$8210, (2) \$3167.

J. N. Harvey, Bakersfield—\$49,280; (1) \$7820, (2) \$3017.

Carter & Fowler, Bakersfield—\$49,500; (1) \$7932, (2) \$2795.

O. D. Williams, Bakersfield—\$49,190; (1) \$7600, (2) \$3000.

A. J. Hendricks, Bakersfield—\$51,900; (1) \$8000, (2) \$3000.

Plumbing and Heating
 Frank Hudson, 2141 S. Van Ness, Fresno—\$7,162.

E. A. Newman Co., Fresno—\$7,196.

Wm. McKinney—\$7,939.

Victor J. Cox, Fresno—\$8,369.

Home Appliance Co.—\$8,998.

Electric Work
 Wasco Electric Shop, 807 7th St., Wasco—\$4,433.75.

Sub-Contracts Awarded
ADDITION Cont. Price, \$41,850
PLACERVILLE, Eldorado Co., Calif.
 Cottage and Union Streets.

Two-story addition (two classrooms, manual training rooms, and assembly hall) to present building and addition to boiler capacity.

Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk)

Architect—Jens S. Petersen, 812 26th St., Sacramento.

Constructor—Azevedo Const. Co., 920 "O" St., Sacramento.

Painting—Willcoxon & Wilson, 1724 34th Street.

Electric—Commercial Electric Co., 45 Northwood Drive, San Francisco.

Plumbing, Heating and Sheet Metal—Nicholson & Son, Main Street, Vacaville.

Concrete—Carl R. Fiedler, 2631 30th Street.

Roofing—Sacramento Roofing & Insulation Service, 12th and North "B" Streets.

Plastering—Dave Perry.

Reinforcing Steel—Ceco Steel Products Corporation.

Excavation—D. E. Martin.

Glass—W. P. Fuller & Co., 1013 12th Street.

Mill Work—Standard Planning Mill.

Lumber—Diamond Match Co., Chico.

Steel Sash—Thos. P. Scollan, 2320 X Street.

All of Sacramento unless otherwise noted.

CONTRACT AWARDED

SAN PEDRO, Cal.—J. C. Bannister, Inc., 903 N. Mariposa, Los Angeles, awarded contract by Los Angeles Board of Education, at \$33,148, for reconstruction of the West bldg. at the Barton Hill School, 423 No. Pacific Ave., San Pedro. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

Bids Opened
HIGH SCHOOL Cost, \$.....
 EL CERRITO, Contra Costa Co., Cal.
 El Cerrito High School.

First unit of 3-story reinforced concrete high school building, consisting of the shell of the building without any finish work. Work will include concrete walls, floors, etc.

Owner—Richmond Union High Sch. District (Walter T. Helms, Supt. of Schools).

Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Low Bidder—W. K. Van Bokkelen Const., 439 23rd St., Oakland, \$95,157.

General bids were received with the following alternates:

(1) add for window frames and glass
 (2) add for structural glass panels;
 (3) unit prices;
 (a) concrete, per cubic yard;
 (b) road excavation per cu. yd.

Complete bids follow:

W. K. Van Bokkelen Const., Oakland, \$95,157; (1) \$11,800, (2) \$900 (3a) \$25; (3b) \$3.50.

W. Vernon Bernard, El Cerrito: \$96,466; (1) \$12,546; (2) \$531; (3a) \$23; (3b) \$2.50.

E. J. Freethy, Richmond: \$98,879; (1) \$16,245; (2) \$911; (3a) \$25; (3b) \$2.00.

Peter Sartorio, San Francisco, \$104,228; (1) \$12,662; (2) \$580; (3a) \$22.50; (3b) \$4.00.

George Swanstrom, Oakland, \$105,224; (1) \$11,596; (2) \$610; (3a) \$28; (3b) \$4.

David Nordstrom & Co., Oakland, \$106,428; (1) \$12,361; (2) \$600; (3a) \$35; (3b) \$5.

H. J. Christensen Co., Oakland, \$107,300; (1) \$12,800; (2) \$490; (3a) \$30; (3b) \$5.

Miller Const. Co., San Francisco, \$112,593; (1) \$12,721; (2) \$700; (3a) \$28; (3b) \$1.85.

Palo Alto Road Materials Co., \$114,875; (1) \$12,632; (2) \$600; (3a) \$25; (3b) \$2.

F. C. Stolte Co., Alameda, \$115,600; (1) \$13,163; (2) \$600; (3a) \$30; (3b) \$2.00.

E. T. Leiter & Sons, Oakland, \$116,887; (1) \$13,500; (2) \$500; (3a) \$22; (3b) \$5.

Anderson & Ringrose, San Francisco \$121,610; (1) \$14,000; (2) \$705; (3a) \$29; (3b) \$3.

Carl Overaa, Richmond, \$118,786; (1) \$12,172; (2) \$534; (3a) \$24; (3b) \$2.60.

PLANNED LIBRARY AND ADMINISTRATION BUILDING Cost, \$.....
 DAVIS, Yolo Co., Cal. U. C. College of Agriculture.

Library and administration building to replace the old Classroom Building.

Owner—Regents of the University of California, Berkeley.

Architect—W. C. Hays, Supervising Architect.

Project will be financed by the University's share of the Fair and Exposition fund.

Contracts Awarded
SCHOOL BLDG. Cont. Pr., \$38,688
 AUBERRY, Fresno Co., Cal. Sierra High School.

One-story frame school building (classrooms and study hall).
 Owner—Sierra Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Contractor—R. W. Brown Construction Co., 118 S. K St., Madera.

Wessell Electric Co., Rt. 2, Box 254, Fresno, awarded contract for electric work. Mechanical bids were held under advisement.

Contracts Awarded
SCHOOL BLDG. Cont. Pr., \$38,688
 AUBERRY, Fresno Co., Cal. Sierra High School.

One-story frame school building (classrooms and study hall).
 Owner—Sierra Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Contractor—R. W. Brown Constr. Co., 118 S. K St., Madera.

Wessell Electric Co., Rt. 2, Box 254, Fresno, awarded contract for electric work. Mechanical bids were held under advisement.

Complete bids follow:

General Work

R. W. Brown Constr.	Alt. 1
Co., Madera	Add
W. J. Ochs, Fresno	\$37,666 1022
Trewhitt-Shields & Fisher, Fresno	\$39,977 1200
Midstate Constr. Co., Fresno	40,940 957
R. Pedersen, Fresno	42,207 1200
L. H. Hansen & Sons, Fresno	43,661 950
T. C. & W. H. Irwin, Fresno	43,750 1500
Hodgson & Sons, Porterville	43,951 841
Wessell Electric Co., Fresno	45,267 1175

Electric Work

Wessell Electric Co., Fresno	\$ 7,869
Electric Construction Co., S. F.	7,900
American Electric Co., San Francisco	8,270
Ryder Electric Co.	8,475
Robinson Electric, Fresno	8,480

Mechanical Work

E. A. Newman Co., 320 N. H St., Fresno	7,778 650
Art Stadille, Madera	7,800 534
Victor J. Cox Co., Fresno	8,317 588
Frank Hudson, Fresno	8,488 698
Barrett-Hicks, Fresno	8,698 368

BIDS WANTED

MONTEBELLO, Los Angeles Co., Cal.—Until Mar. 22, 7 p.m., bids will be received by the Montebello Unified School District for construction of a reinforced concrete boys' shower and locker room, a girls' shower and locker room, and a frame and

stucco cafeteria and assembly building at both the Eastmont Jr. High School and the Montebello Jr. High School, a PWA project. Total cost of the six units is estimated at \$140,000. Plans available at office of T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. Certified check or bidder's bond for 5% to accompany bid. 16

PLANS ADOPED

LOS ANGELES, Cal.—Los Angeles Board of Education has adopted working plans for a new shop building to be built at the Hollywood middle school, 1521 N. Highland Avenue; estimated cost, \$51,100. Marsh, Smith & Powell, architects, 816 W 5th St.; D. D. Smith, structural engineer, 816 W 5th St.; E. L. Ellingwood, mechanical engineer, 124 W 4th St. 15

16—BANKS, STORES AND OFFICES

CONTRACT AWARDED

LOS ANGELES, Cal.—Wm. P. Neil Co., 4914 Loma Vista Ave., awarded contract for erection of a 3-story class C store building (110x80 ft. in area) at the corner of Crenshaw Blvd. and 57th St. for Safeway Stores, 1925 E. Vernon Ave. Frank L. Stiff, architect, 1303 Park Central Bldg. Work will start this week. 16

Correction in Painting Contract TELEPHONE EXCHANGE BUILDING

SALINAS, Monterey Co., Cal. Pajaro St. bet. E San Luis and Alisal. Two-story and basement steel frame and fireproof telephone exchange building, to house new central office equipment.

Owner—Pacific Telephone and Telegraph Co. (N. W. Black, local manager).

Contractor—Monson Bros., 475 Sixth St., San Francisco

Painting—A. A. Zelinsky & Sons, Inc. 911 Folsom St., San Francisco.

Preparing Working Drawings NIGHT CLUB Est. Cost, \$7,000 ORINDA, Alameda Co., Cal. One and one-half story frame and stucco night club to contain cocktail bar, dining room, etc. (composition and shingle roof, central gas heating system).

Owner—Withheld. Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Construction To Start Shortly. BANK Cost, \$50,000 JACKSON, Amador Co., Cal. Main Street.

One-story and mezzanine modern bank bldg. (reinforced concrete construction, central heating and ventilating system, modern low-type banking fixtures, etc.); 40-ft. frontage, 5,000 sq. ft.)

Owner—Capital Company, 625 Market St., San Francisco.

Plans prepared by Construction Department of Owner.

Contract Awarded ALTERATIONS Cost, \$8500 SAN FRANCISCO, 8 Kearny Street. Alterations to restaurant. Owner—Gene Compton, Inc., prem. Engineer—Albert Kraft, Phelan Bldg. Contractor—E. F. O'Neil, 273 Minna Street. 16

PLANS BEING FIGURED

PHOENIX, Ariz.—Until March 15, Architect H. H. Greene, Commercial Bldg., Phoenix, is taking bids for a 1-story automobile sales and service building (200x137-ft.) to be built on

the NW corner of Van Buren and First Sts., Phoenix, for Consolidated Motors. 16

Additional Sub-Contracts Awarded TELEPHONE EXCHANGE

Building Cost, \$..... SALINAS, Monterey Co., Cal. Pajaro St. bet. E San Luis and Alisal. Two-story and basement steel frame and fireproof telephone exchange building, to house new central office equipment.

Owner—Pacific Telephone and Telegraph Co. (N. W. Black, local manager).

Contractor—Monson Bros., 475 Sixth St., San Francisco.

Title—C. L. Frost, 165 Webster St., Monterey.

Granite—McGivray - Raymond Corp., 3 Potrero Ave., San Francisco.

Painting—D. Zelinsky & Sons, Inc., 911 Folsom St., San Francisco.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Metal Doors—Fire Protection Products Co., 1101 16th St., San Francisco.

Sub-contracts previously awarded published February 23.

Contract Awarded STORE BLDG. Cost, \$..... SAN RAFAEL, Marin Co., Cal. 3rd and A Streets.

New store building. Lessee—Safeway Stores, Inc.

Plans Being Figured DUPLEX RESIDENCE Cost, \$7,200 RICHMOND, Contra Costa Co., Cal.

Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.

Owner—Withheld. Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Plans are being figured by a selected list of contractors.

Complete Bids STORE BLDG. Cost, \$..... SAN RAFAEL, Marin Co., Cal. 3rd and A Streets.

New store building. Owner—Cheda Estate Co.

Lessee—Safeway Stores, Inc. Architect—Italo Zanollini, 604 Montgomery St., San Francisco.

Low Bidder—De Luca & Son, Inc., 1745 Filbert St., San Francisco—\$16,384.

Complete bids follow: De Luca & Son, Inc., 1745 Filbert St., S. F. \$16,384.00

Leibert & Trobeck, San Rafael 16,612.00

Peter Sartorio, S. F. 18,345.00

D. W. Nicholson, Oakland 18,500.00

Moore & Roberts, S. F. 18,744.00

Carlen Constr. Co., Oakland 18,904.00

Dreyer & Son, Napa 19,051.00

Younger Bros., Inc., San Anselmo 19,062.00

A. H. Siemers, San Anselmo 21,871.00

PREPARING WORKING DRAWINGS

LOS ANGELES, Cal.—Architects Myron Hunt and H. C. Chambers, 408 S. Spring St., Room 1218, have working plans about 60 per cent complete for the department store building to be erected on the southeast corner of Wilshire Blvd. and New Hampshire Ave. for the Capital Co.; I. Magnin & Co., lessee. It will be a 5-story and basement class A structure, 145x160 feet in area, with structural steel frame, reinforced concrete walls and floor and roof slabs, summer and winter air conditioning, marble and tile work, metal windows. Equipment will include 4 passenger and 2 freight elevators. It has not yet been determined what

the street fronts of the building will be faced with. The building and equipment will cost approximately \$1,500,000. Architect Timothy L. Pfleger, 580 Market St., San Francisco, will design a portion of the interior and is now working on sketches for that part of the work. 16

Preparing Working Drawings RESTAURANT Est. Cost, \$15,000 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Restaurant building. Owner—Withheld. Architect—A. R. Williams, 251 Post St., San Francisco.

Contract Awarded ALTERATIONS Cost, \$15,000 BERKELEY, Alameda Co., Cal. 2154 Shattuck Ave.

Alterations to present building. Owner—Pacific States Savings and Loan Co., 745 Market St., San Francisco.

Architect—A. F. Roller, Crocker 1st National Bank Bldg., San Francisco.

Contractor—P. J. Walker Co., 55 New Montgomery St., San Francisco. 16

Segregated Contract Awarded ADDITION Est. Cost, \$80,000 SAN JOSE, Santa Clara Co., Calif.

Market and Santa Clara Streets.

Addition of third story (100 x 200 ft.) to present two-story building, to be of steel and metal studs or steel and concrete construction; two new elevators.

Owner—L. Hart & Sons, Prem. Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Structural Engineer—N. B. Green, 55 New Montgomery St., San Francisco.

Carpentry and Mill—W. M. Caldwell, 1241 Hedding St., San Jose.

Contract Awarded MARKET Cost, \$7,000 SAN FRANCISCO, N 15th Street 60 W Sanchez Street.

One-story frame market building.

Owner—Margaret H. Gibb, c/o Cont. Engineer—W. H. Ellison, Pacific Building.

Contractor—J. S. Malloch, 666 Mission Street. 16

Sub Contracts Awarded OFFICE BLDG. Cont. Pr., \$68,777 SACRAMENTO, Calif. C Street.

New office building.

Owner—California Almond Growers' Exchange (M. B. Ayars, Pres.).

Architect—George Sellon, California State Life Bldg., Sacramento.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

Plaster—Thos. F. Scollan Co., 2919 T Street.

Sash—Soule Steel Co., 1750 Army St., San Francisco.

Brick—E. A. Hunn, 917 Fifth Street, Marysville.

Concrete—Carl R. Fiedler, 2631 30th St.

Electric—George C. Foss, 1720 Elghth St.

Structural and Reinforcing Iron—Palm Iron Works, 15th and S Sts.

Metal Joist—Ceco Steel Products Corp.

Lumber—Friend & Terry Lumber Co., Front and S Sts.

Gypsum Floor—United States Gypsum Co.

Painting—Willcoxan & Wilson, 1724 34th St.

All of Sacramento unless otherwise noted.

17— THEATRES

CONTRACT AWARDED
 TUJUNGA, Los Angeles Co., Cal.—Robert E. Millsap, 437 S. Hill St., Room 603, Los Angeles, awarded contract for construction of a new motion picture theater building on Foot-hill Blvd., west of Fischer St., Tu-junga, for the Edwards Theaters, 4907 Huntington Dr., Los Angeles. The building will contain an auditorium to seat 900 persons and 2 store rooms. Cost, \$75,000. S. Chas. Lee, architect, 1648 Wilshire Blvd., Los Angeles. 17

18— WHARVES & DOCKS

Contract Awarded
SUB-TERMINAL PLANT Cost, \$.....
PORT OF STOCKTON, San Joaquin Co., Calif.
 First unit of sub-terminal plant for barging, to consist of frame office building, warehouse, garage building, pump houses, loading racks, dock and dolphins, rail-road spur, dredging, grading and road work.
 Owner—General Petroleum Corporation of California.
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Bids Wanted—To Close March 17, 2 P. M.
RECONSTRUCTION Cost, \$.....
SAN FRANCISCO. Pier 50, Embarcadero.
 Reconstruction of Shed A damaged by fire last December.
 Owner—State of California (Board of Harbor Commissioners) Ferry Building.
 Engineer—Frank G. White, Ferry Building.
 Plans and specifications obtainable at the office of the Board in the Ferry Building upon deposit of \$10.00.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
 WASHINGTON, D. C.—Tampa Shipbuilding & Engineering Company, Tampa, Fla., at \$7,262,652, was awarded contract by the U. S. Maritime Commission, Washington, D. C., for the construction of four Diesel type, single screw steel cargo ves-sels. 19

BIDS WANTED
PORTLAND, Ore.—Until April 1, 3 p.m. (postponed from Mar. 15), bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Bldg., Portland, Oregon, under Bid No. 698-38-382, for constructing and delivering one single screw diesel driven dredge tender, afloat at Government Moorings, No. 8010 NW St. Helens Road, Portland, Oregon.
 Plans and specifications may be obtained from the above office upon deposit of \$50. 19

Completing Working Drawings
REMODEL MORTUARY Est. Cost, \$10,000
OAKLAND, Alameda Co., Cal. 1445 Fifth Ave.
 General remodeling of present bldg. Owner—Anchor & Co., Andker & Peterson, 1445 5th Ave.
 Architect—Alben Froberg, 1955 Webster St., Oakland.
 Plans will be completed in about one month and general bids asked of a selected list of contractors.

Construction Started
TRUCK TERMINAL Cost, \$10,000
WATSONVILLE, Santa Cruz Co., Cal.
 Truck terminal and office building. Owner—Clark Bros. Plans by Owner.
 Contractor—Ralph S. Friend, 309 Stanford St., Watsonville. 19

BIDS OPENED
SEATTLE, Wash.—General Engineering and Dry Dock Co., foot of 5th Ave., Oakland, Calif., at \$76,358.25, submitted low bid to the U. S. Engineer Office, 754 Central Bldg., Seattle, under Bid No. 869-38-155, for drydocking, painting and repairing the U. S. seagoing dredge, Dan C. Kingman. Total bids follow:
 General Engineering and Dry Dock Co., Oakland, \$76,358.25.
 Commercial Iron Works, Inc., Portland, \$120,915.00.
 Lake Union Dry Dock & Machine Works, Seattle, \$123,935.25.
 Winslow Marine Railway & Ship-building Co., Inc., Seattle, \$127,813.00.
 Todd Seattle Dry Docks, Inc., Seattle, \$129,279.50.
 The above are net total of bids deducting for scrap material allow-ances. 19
 March 10, 1938.

CONTRACT AWARDED
HICKAM FIELD, T. H.—George Hess, Honolulu, T. H., at \$1268, submitted low bid and was awarded contract by the Purchasing and Contracting Officer, Hickam Field, for furnishing and installing Altitude valves at Hickam Field, T. H.
 Total bids follow:
 Geo. Hess, Honolulu.....\$1268
 E. E. Black, Ltd., Honolulu.....1,355
 Max W. Moody, Honolulu.....1,585

BIDS OPENED
SAN FRANCISCO, Calif.—Pacific Coast Engineering Co., Inc., Maritime and Wharf Streets, Oakland, at \$41,550, submitted low bid to the U. S. Engineer Office, South Pacific Division, Division Engineer, 414 Custom House, San Francisco, under Bid No. 868-38-100, for constructing and delivering afloat one 68-ft. 0-in. by 32-ft. 0-in. by 6-ft. 0-in. welded steel clamshell barge to San Francisco waterfront. Government estimate, \$34,185.
 Total bids follow:
 Pacific Coast Engineering Co., Inc., Oakland—\$41,550.
 Independent Iron Works, Oakland—\$44,414.
 Moore Dry Dock Co., Oakland—\$46,160.00. 19

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED
SAN FRANCISCO, Cal.—Crescent Electric Supply Co., 718 Mission St., San Francisco, at \$309.01, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-38-104, for furnishing wire, fuses, conduit, screws, elbows, connectors, sockets, tape, etc. f.o.b. Fort Cronk-hite, Marin County.
 Total bids follow:
 Crescent Elec. Supply Co., 718 Mission St., S. F.....\$309.01
 Dunham Carrigan & Hayden Co., S. F.....347.64
 Westinghouse Elec. Supply Co. S. F.....350.74
 General Electric Supply Co., San Francisco.....376.60 2P

CONTRACT AWARDED
LOS ANGELES, Calif.—Western Pipe & Steel Co., at \$4632.71; ½ of 1%, 10 days, was awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 331, for corrugated metal culvert pipe and band coup-lers. 20

BIDS OPENED
LOS ANGELES, Cal.—Bids for 23-, 160-lb. treated round wood piling (77 pcs 30 ft. long) Circ Prop 326, opened by U. S. Engineer, Los Angeles, were:
 Long Bell Lumber Co.—Disc 1% 10 da.; \$3.7; total \$8569.20; f.o.b. Oregon; treated in transit at Weed, Cal.; alt. bid on 6-lb. treatment 50-50 creosote petroleum mix, \$30 ft.; total \$6948; alt. bid, 8-lb. treatment, 50-50 creosote petroleum mix, \$32 ft; total \$7411.20; f.o.b. Oregon; treated in transit at Weed, Cal. Shipping wt. 926,400 lbs.
 James L. Hall, disc. 2% 20 days; \$415 ft; total \$9611.40; f.o.b. Oregon; treated at Wilmington and delivered by truck to job; 75 days delivery.
 W. E. Cooper Lumber Co., 2% 20 days, \$33 ft, \$7642.80; f.o.b. Shreveport, La.
 J. H. Baxter & Co., net, \$585 ft; \$13,548.60; f.o.b. job site.
 Warren Southwest, Inc., net, \$4275 ft.; \$9909.90; f.o.b. Oregon; shipped on government plant and delivered by truck to job.
 H. A. Browning, 1% 10 days; \$385 ft.; \$8916.60; f.o.b. Oregon; shipped to Wilmington treatment plant and delivered by truck to job.
 Texas Creosoting Co., net, 300 pcs. only, \$36 ft; 9000 ft. \$3240; f.o.b. Louisiana; treated in transit at Orange or Houston, Texas.
 Mineralized Cell Wood Preserving Co., net, \$465 ft; \$10,769.40; alt. bid 8-oz. standard treatment, \$445 ft; \$10,306.20; delivered to job; no delivery prior to May 10. 20

CONTRACT AWARDED
LOS ANGELES, Cal.—Daugherty Lumber Company, at \$5100.24, sub-mitted low bid and was awarded contract by the Metropolitan Water District, Los Angeles, under Bid No. 96078, for 200,000 bd. ft. of 16-in. by 16-in. select structural Douglas fir; f.o.b. Portland, Ore., for delivery to Banning, Cal.
 Total bids follow:
 Daugherty Lumber Co.....\$5,100.24
 McCormick Supply Co.....5,239.40
 Pacific Lumber & Trading Co.6,529.00
 The above bids are total delivered prices. 20

BIDS OPENED
SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-218, for furnishing drills of various sizes; f.o.b. Rio Vista, Cal.
 Marshall Newell Supply Co., \$74.72; Dunham Carrigan & Hayden Co., \$74.72; A. J. Glesener Co., \$74.92; Miller & Stern Supply Co., \$75.37; General Machinery & Supply Co., \$93.43; Baker-Hamilton & Pacific Co., \$93.51; C. W. Marwedel, \$93.86; Austin Bros., \$94.21; Thompson Machine Works, \$94.21.
 All bids 2% 30 days discount. 20

BIDS OPENED
OAKLAND, Cal.—Iowa Valve Co., 501 Howard St., San Francisco, at \$4180.00 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. I.S.-211, for furnishing six 30-inch gate valves and

one 36-inch gate valve.

Total bids follow:	
Iowa Valve Co., S. F.	\$4,180.00
Rennseler Valve Co.	4,632.00
Rich Mfg. Co.	5,193.00
Chapman Valve Mfg. Co.	5,436.00
Lewis Valves	6,189.00
A. P. Smith	6,600.00
Crane Company	7,380.97
	20

BIDS OPENED

LOS ANGELES, Calif.—Western Pipe and Steel Co., at \$4632.71; ½ of 1%, 10 days, submitted low bid to the U. S. Engineer, Los Angeles, under Circ. Prop. 331, for corrugated metal culvert pipe and band couplers. California Corrugated Culvert Co. at \$4,663.84; ½ of 1%, 10 days, submitted only other bid. * 20

BIDS WANTED

LONG BEACH, Cal.—Until March 15, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for blended diesel fuel oil for U. S. Dredge, "A. Mackenzie," for 2 mos., beginning Mar. 21, in bi-weekly quantities of 600 to 1000 bbls. delivered into ship's bunkers at Long Beach Inner Harbor. Est. quantity, 3500 bbls.; Circ. Prop. 356. * 20

BIDS OPENED

SAN FRANCISCO.—Gouley-Burcham Corp., 112 Market St., San Francisco, at \$2937.50, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1967, for furnishing 500 ¾-inch by ¾-inch water meters for the San Francisco Water Department.

Total bids follow:	
Gouley-Burcham Corp., 112 Market St., S. F.	\$2937.50
Neptune Meter Co.	3208.00
Hersey Mfg. Co.	3333.00
Pittsburgh Equitable Meter Co.	3455.00
Worthington-Gamon Meter Co.	3583.00
	20

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at \$1559.26, ½ of 1% 10 days, submitted low bid and awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-102, for furnishing 50,722 lbs. of reinforcing steel bars of various lengths; f.o.b. Battery Townsey, Fort Cronkhite, Marin County.

Following submitted identical bids at \$1559.32. ½ of 1% 10 days: Gilmore Steel & Supply Co., Inc., San Francisco; Geo. R. Bormann Steel Co., Oakland; Gunn Carle & Co., San Francisco; Baker Hamilton & Pacific Co., San Francisco; Dunham Carrigan & Hayden Co., San Francisco; Soule Steel Co., San Francisco, and A. M. Castle & Co., San Francisco.

Bethlehem Steel Co., San Francisco, and Ceco Steel Products Co., San Francisco, submitted identical bids at \$1614.33, ½ of 1% 10 days. * 20

BIDS OPENED

SAN FRANCISCO, Cal.—Eaton & Smith, 715 Ocean Ave., at \$18,590, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-97, for furnishing 2600 cu. yds. ready-mixed concrete for use in the construction of the Seacoast Defenses at Fort Cronkhite, Marin Co., Calif.

Total bids follow:
Eaton & Smith, 715 Ocean Avenue,

San Francisco—\$7.15 per cu. yd.; total \$18,590; net.

Basalt Rock Co., Inc., S. F.—\$7.95; \$20,670; net.
Consumers Rock & Cement Co., S. F.—\$9.08; \$23,603; 5% 30 days.
Camros Gravel & Fuel Co., Inc., San Rafael—\$9.25; \$24,050; 2% 30 days. * 20

CONTRACT AWARDED

GRAND COULEE DAM.—Steel & Tubes, Inc., Brooklyn, N. Y., at \$46,637.50, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Bid No. A-38,005-A, for grout tubing for Grand Coulee Dam. * 20

CONTRACT AWARDED

GRAND COULEE DAM.—Graybar Electric Co., Denver, Colo., at \$15,772.57, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Bid No. A-38-003-A, for furnishing fittings and grout connections for Grand Coulee Dam. * 20

CONTRACT AWARDED

DENVER, Colo.—Southern States Steel Corp., Dallas, Texas, at \$57,566.90, awarded contract by the Bureau of Reclamation, Washington, D. C., under Bid No. 24,605-A, for furnishing deformed hard grade billet or rail steel reinforcement bars for concrete. * 20

BIDS OPENED

CENTRAL VALLEY PROJECT.—Following submitted bids to Bureau of Reclamation, Denver, under Spec. No. 1037-D, for furnishing and delivering materials for one steel warehouse building at the Shasta Dam, Central Valley Project; for shipping point and/or Coram, Calif. Concrete walls, floors and foundations will be constructed and the building erected by the Government.

Complete bids follow:
Wendnagel & Co., Chicago: \$23,950; wt. 498,790; net; fob Chicago.
Midland Structural Steel Co., Cicero, Ill.: \$22,950; wt. 538,000; net fob Cicero.

Bethlehem Steel Co., Chicago: \$21,979; wt. 479,400; net; fob Chicago.
Independent Iron Works, Oakland: \$28,704; wt. 512,731; ½%; fob Oakland.

Herrick Iron Works, Oakland: \$30,400; wt. 503,400; ½%; fob Coram.
Wisconsin Bridge & Iron Co., Milwaukee: \$22,800; wt. 480,000; net; fob Milwaukee.

Judson-Pacific Co., San Francisco: \$30,390; wt. 496,600; net; fob Coram.
Berkeley Steel Const. Co., Inc., Berkeley: \$34,000; wt. 464,000; ½%; fob Berkeley.

Milwaukee Bridge Co., Milwaukee: \$25,800; wt. 482,000; ½%; fob Milwaukee.

The Ingalls Iron Works Co., San Francisco: \$23,885; wt. 128,000 fob San Francisco; wt. 366,000 fob Birmingham, Ala.; net.

Worden-Allen Co., Milwaukee: \$26,751; wt. 485,279; net; fob Coram; \$21,587; wt. 475,079; fob Milwaukee; wt. 10,200; fob Okmulgee, Okla.

Virginia Bridge Co., Denver: \$21,890; wt. 464,000; net; fob Birmingham, Ala.; wt. 6500; fob Baltimore, Md.; wt. 9000, fob Bristol, Va.; wt. 1000, fob Philadelphia, Pa.; wt. 4000, fob Detroit; wt. 2000, fob Greensburg, Pa.: \$23,375; wt. 360,000; net; fob Birmingham, Ala.; wt. 116,900; fob Coram.

Reuter Bros. Iron Works, Chicago: \$24,400; wt. 390,900; net; fob Chicago; wt. 16,300, fob San Francisco.
Consolidated Steel Corp., Ltd., Los Angeles: \$30,800; wt. 489,200; net;

fob Los Angeles.

Duffin Iron Co., Chicago: \$25,450; wt. 520,000; net; fob Chicago.
Minneapolis—Moline Power Implement Co., Los Angeles: \$22,350; wt. 486,000; net; fob Minneapolis. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Buehler Tank & Welding Works, 5000 Pacific Blvd., Los Angeles, at \$17,993.64 was awarded the contract by Metropolitan Water District for hatch covers and frames for pumping plants, Colorado River Aqueduct; Bid No. 95-526. * 20

BIDS OPENED

KING COUNTY, Wash.—Pacific Water Works Supply Co., Atlantic St. Dock, Seattle, at \$37,117 (French C. I. pipe) submitted low bid to the King County Water District 3, W. H. Harris, Secretary, 1164 Empire Bldg., for pipe for the public water district.

Bids follow:
Pacific Water Supply Co., \$37,117 (French C. I. pipe); \$41,144 (Walworth threaded C. I. pipe); \$35,455 (transit pipe).

Crane Co., \$41,647 (cast iron pipe).
Hugh G. Purcell Co., \$43,635 (cast iron pipe).

Johns-Manville Sales Corp., Portland, \$35,306 (transite pipe). * 20

BID CALL CANCELLED

BOULDER CANYON PROJECT.—The Bureau of Reclamation, Denver, Colo., cancelled the call for bids under Spec. No. 1042-D, for furnishing and delivering structural steel for two rim towers for Southern California Edison Company transformer circuits in the Boulder Switchyard, Boulder Canyon Project. Bids were called for March 2, 1938. * 20

BID CALL CANCELLED

BOULDER CANYON PROJECT.—The Bureau of Reclamation, Denver, Colorado, cancelled the call for bids under Spec. No. 1046-D, for furnishing and delivering structural steel for transmission towers for the Southern California Edison Co. transformer Circuit No. 9 in the Boulder switchyard, Boulder Canyon Project. Bids were called for March 11, 1938. * 20

BID CALL CANCELLED

BOULDER CANYON PROJECT.—The Bureau of Reclamation, Denver, Colo., cancelled the call for bids under Spec. No. 1043-D, for furnishing and delivering structural steel for transmission towers for the Southern California Edison Co. Transformer Circuit No. 8 in the Boulder switchyard, Boulder Canyon Project. Bids were called for March 3, 1938. * 20

CONTRACTS AWARDED

OAKLAND, Cal.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$35,208 (Items 1, 2 and 4) and the American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$39,840 (Item 3) were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS-210, for furnishing 65,000 l.f. of cast iron water pipe. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Zellerbach Paper Co., 608 Franklin St., Oakland, at \$1465.20 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 982, for furnishing bond paper. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at \$6035 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS-209, for furnishing 5000 lf. 4-inch, 3000 lf. 6-in., and 1000 lf. 12-inch asbestos cement water pipe. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until March 22, 10 A. M., bids will be received by the Metropolitan Water District of Southern California, 306 W 3rd St., Los Angeles, for furnishing light fixtures for the Colorado River Aqueduct pumping plants under Spec. No. 274. Bids will be taken as follows: Schedule 1, commercial lighting fixtures; Schedule 2, specially fabricated fixtures; Schedule 3, specially fabricated concrete fixtures. Certified or cashier's check for 10% required. Bidding data obtainable at the above address upon payment of \$2 per set, not returnable. * 20

BIDS OPENED

LOS ANGELES, Calif.—Western Pipe & Steel Co., at \$213.96; 1/2 of 1% 10 days, submitted low bid to U. S. Engineer, Los Angeles, for corrugated culvert pipe and band couplers; Circ. Prop. 327. California Corrugated Culvert Co. submitted only other bid at \$217.98, disc. 1/2 of 1% 10 days. * 20

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for cast iron pipe, Spec. 2548, were awarded by the Los Angeles Water & Power Commission, as follows:

American Cast Iron Pipe Co., items (1) and (2), at \$24.750.

National Cast Iron Pipe Co. items (3) and (4), at \$24.800.

(1) 15,000 ft. 6-in. ID wall thickness 0.43-in. fob trucks Vesper and Aetna St. yard, Van Nuys, delivered within 42 days;

(2) Do delivered within 49 days;

(3) 10,000 ft. 8-in. ID wall thickness 0.50-in.; fob Hewitt St. yard, Los Angeles, within 45 days;

(4) Do delivered within 54 days.

The bids were:

National C. I. Pipe Co., 18-ft. lgths. plain end: (1) \$.83; (2) \$.83; (3) \$1.24 (4) \$1.24; net.

American C. I. Pipe Co., bead end: (1) \$.825; (2) \$.825; (3) \$1.2475; (4) \$1.2475; net.

U. S. Pipe & Foundry Co., 12- or 18-ft., plain end: (1) \$.85; (2) \$.85; (3) \$1.25; (4) \$1.25.

Florence Pipe, Foundry and Machine Co., 16-ft. 6-in. bead end: (1) \$.875; (2) \$.865; (3) \$1.285; (4) \$1.285; net.

Pacific States C. I. Pipe Co., 18-ft. bead end: (1) \$.835; (2) \$.835; (3) \$1.26; (4) \$1.26. * 20

*Sand cast.

BIDS OPENED

SAN FRANCISCO.—Gunn Carle & Co., 20 Potrero Ave., San Francisco, at \$2947.64, submitted low bid to the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 1988, for furnishing and delivering reinforcing steel and wire fabric.

Complete bids follow:
Gunn Carle & Co., 20 Potrero Ave., S. F. \$2947.64

W. S. Wetenhall Co. \$3017.36

Soule Steel Co. \$3017.36

Bethlehem Steel Co. \$3017.36

W. C. Hauck & Co. \$3031.85

* 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Western Pipe & Steel Co. of Calif., 444 Market St., San Francisco, at \$420.28, 1/2 of 1% 10 days, f.o.b. South San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5473, for furnishing corrugated metal pipe culvert. * 20

BIDS WANTED

GRAND COULEE DAM, Wash.—Until March 28, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1047-D, for furnishing and delivering fabricated pipe, fittings, valves and appurtenances for the Grand Coulee Dam, Columbia Basin Project, Wash.; f.o.b. shipping point and/or Odair, Wash. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-103, for furnishing hardware, pipe and pipe fittings; f.o.b. U. S. Engineer Storehouse, Presidio, San Francisco.

Standard Supply Co., San Francisco—Lot 1, \$425; 2% 30 days; 1 day delivery.

A. J. Glesener Co., San Francisco—Lot 3, \$53.75, 2% 30 days, 1 day delivery. Marshall-Nevell Supply Co., S. F.—Lot 3, \$51.20, 2% 30 days, 1 day delivery.

Baker-Hamilton & Pacific Co., S. F.—Lot 1, \$205.34; 2% 30 days; 1 day delivery.

Gladding, McBean & Co., S. F.—Lot 2—\$127.76; 2% 30 days; 3 day delivery.

Gilmore Steel & Supply Co., S. F.—Lot 1, \$382.92, 2% 30 days, 1 day delivery.

N. Clark & Sons, S. F.—Lot 2, \$127.76, 2% 30 days, 3 day delivery.

General Machinery & Supply Co., S. F.—Lot 1, \$448.79.

Dunham Carrigan & Hayden Co., S. F.—Lot 3, \$42.63; 2% 30 days; 1 day delivery.

United Pipe & Supply Co., S. F.—Lot 1, \$452.71; Lot 2, \$111.80; 2% 30 days; 1 to 10 days delivery.

California Pottery Co., S. F.—Lot 2, \$127.76.

Crane Co., S. F.—Lot 1, \$351.36. * 20

BIDS WANTED

ALAMEDA CO., Cal.—Until Apr. 5, 10:30 a.m., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, Court House, 12th and Fallons Sts., Oakland, for furnishing wood and metal furniture for the Alameda County Court House.

Plans and specifications may be obtained from the above office upon deposit of \$25. * 20

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal.—Montague Pipe & Steel Co., 1999 3rd St., San Francisco, at \$4920.00 was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing welded steel pipe. * 20

BIDS OPENED

OAKLAND, Cal.—American Concrete & Steel Pipe Co., 18th and Estuary, Oakland, at \$2205 (\$315 per lin. ft.), submitted low bid to the Oakland Port Commission, foot of

Grove Street, Oakland, for furnishing 700 lin. ft. 30-in. concrete pipe.
California Concrete Products Co., Oakland, at \$2380 (\$3.40 per lin. ft.), submitted only other bid. * 20

SAN FRANCISCO CO. PERMITS UNDER \$1000

BILLBOARD, \$7; SW Fulton and Gough Sts.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$120; 1237 Polk St.; owner, Tortola Cafe, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$125; 1482 Sutter St.; owner, Traywood Inn, premises; contractor Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, \$450; 552 Green St.; owner, Capri Restaurant, prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

ALTER restaurant, \$375; 172 Turk; owner, Harry Zensky, premises.

ALTER dwelling, \$500; 164 Jordan Ave.; owner, A. Cohen, prem.

ALTER dwelling, \$350; 131 Fairmont; owner, Mr. Duffy, prem.; contractor, Bertocchi & Cheeswright 1600 Turf St.

ALTER dwelling, \$350; 175 25th Ave. owner, E. Kennedy, premises.

SIGN, electric, \$200; 555 Sutter St.; owner, Al Bush Elec. Co., 555 Sutter St.; contractor, Electrical Prod. Corp., 910 Harrison St.

SIGN, electric, \$125; 11 Pacific Ave.; owner, Frank Guidera, premises; contractor Wonderlite Neon Prod.

ALTER flats, \$185; 276 19th Ave.; Co., 170 Otis St.

owner, John D. Galli, premises; contractor, Pacific Terrazzo Co., 2144 Lombard St.

FLUE, \$26; 2937 Clay St.; owner, P. Paul, premises; contractor, Empire Heating Co., 2707 Geary.

BULKHEAD, concrete, \$200.00; 2000 Jackson St.; owner, E. Morrison, premises; contractor, Jos. H. Rolland, 137 Ripley St.

SIGN, electric, \$135; 2240 Chestnut St.; owner, J. de Martini, prem.; contractor Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, \$400; 5630 Geary; owner, Awful Fresh MacFarlane, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER apt., \$950; 201 Telegraph Hill Blvd.; owner, Mario L. De Martini, premises.

ALTER dwelling, \$300; 2960 Steiner St.; owner, Henry T. Grieb, Prem.; contractor, Adam Arras & Son, 4008 18th St.

ALTER apt., \$300; 101 Elsie St.; owner, M. Morgan, 435 Divisadero St.

ALTER flats, \$200; 1600 Hayes St.; owner, M. E. Odenthal, Prem.; contractor, Geo. G. Aitkenhead, 403 Eddy St.

SIGN, electric, \$120; 371 3rd Street; owner, Geo. Mohf, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$230; 2229 Taraval St.; owner, Oliver R. Weisil, 660 8th Ave.

ALTER garage, \$300; 444-A Lombard St.; owner, G. Bocabella, Prem.; contractor, Ferdinando Raffi, 1835 Stockton St.

SIGN, electric, \$120; 371 3rd Street; owner, Geo. Mohf, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$300; 1750 O'Farrell St.; owner, J. Keam, Prem.; contractor, W. Horstmeier, 31 Ord St.

ALTER flats, \$200; 1385 Geary St.; owner, G. Parhomen, 1385 Geary Street.

FENCE, \$60; SE Fell and Laguna; owner, Walden L. Kemp, 489 Fell St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—R.R. Roads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS OPENED

CLARKE CO., Wash.—J. A. Lyons, 3305 NE Halsey, Portland, Ore., at \$16,534, submitted low bid to Chas. Deak, County Engineer, for replacing existing Camas-Oak Park pile trestle with embankment, Clarke County, Wash.

Total bids follow:	
J. A. Lyons, 3305 NE Halsey, Portland, Ore.	\$16,534.00
Tidland & Hibbard, Camas.	20,049.00
Graham Bros. & Medley, Chehalis	20,581.00
Klineline, Varn & Johnson, Vancouver	20,926.00
Berke Bros., Portland	20,984.00
Harold Blake, Portland	21,470.00
Jacobsen-Jensen Constr. Co., Portland	21,672.00
J. S. Johns, Goldendale	21,998.00
J. C. Papin, Carson	22,001.00
Kuckenberg Constr. Co., Portland	22,554.00
Edlofen-Weygandt Co., Portland	23,495.00
United Contracting Co., Portland	23,509.00
Alex Besoloff, Seattle	24,472.00
A. Bloomquist, Carson	25,859.00
Mirene Co., Portland	26,421.00
Homer G. Johnson, Portland	26,604.00
Sam Angelo, Washougal	27,519.00
Northwest Constr. Co., Seattle	29,620.00
C. T. Malcom, Portland	30,105.00

BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 31, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of an upgrade crossing under the tracks of the Southern Pacific railroad near Hewitt Station and approaches, Los Angeles County.

Work involves:

- (1) 19 sta. clear and grub;
- (2) 600 M. gals. water;
- (3) 41,000 c.y. rdwy. excav., unclass.
- (4) 8,500 c.y. struc. excav.;
- (5) 2,000 c.y. remove concrete;
- (6) 14,600 sq. yds. preparing sub-grade;
- (7) 19 sta. finishing rdwy.;
- (8) 1,000 sq. yds. asphaltic paint binder;
- (9) 4 tons liquid asphalt SC-2 prime coat;
- (10) 800 tons min. agg., plant mix surf.;
- (11) 40 tons liquid asph. ROMC-4 or ROMC-5 plant mix surf.;
- (12) 2,900 c.y. Class A Portland cement conc. pave.;
- (13) 4,700 each pavement dowels;
- (14) 147,000 lbs. bar reinf. steel pave. and struc.;

- (15) 1,750 c.y. Class A Portland cement conc. struc.;
- (16) 430,000 lbs. struc. steel;
- (17) 102,000 lbs. wrought iron plate;
- (18) 300 lbs. copper strip;
- (19) 12,000 lbs. misc. iron and steel;
- (20) 39,000 lbs. steel rail assemblies;
- (21) 9 MFBM treated Douglas fir timber;
- (22) 1,700 sq. ft. galv. sheet iron covering;
- (23) 450 c.y. Class A Portland cement conc., slope paving;
- (24) 6,500 sq. yds. wire mesh reinf.;
- (25) 20 lf. 12-in. standard reinforced concrete pipe;
- (26) 65 lf. 18-in. do;
- (27) 350 lf. 24-in. do;
- (28) 330 lf. 36-in. do;
- (29) 52 lf. 12-in. extra strength reinf. concrete pipe;
- (30) 52 lf. 18-in. do;
- (31) 1,050 lf. 24-in. do;
- (32) 130 lf. 36-in. do;
- (33) 40 lf. 8-in. CMP;
- (34) 16 lf. 10-in. CMP;
- (35) 2,900 lf. 4-in. stand. drain tile;
- (36) 330 lf. 8-in. perf. metal pipe underdrains;
- (37) 160 c.y. rock filling material;
- (38) 180 lf. 8-in. extra strength vit. clay pipe;
- (39) 200 lf. 10-in. do;
- (40) 100 lf. 12-in. do;
- (41) 300 lf. 15-in. do;
- (42) 4 each junction chambers, type F;
- (43) 2 each do, type H;
- (44) 635 c.y. Class A Portland cement conc. curbs, gutters, sidewalks and driveways;
- (45) 148 each oleander plants;
- (46) 1,130 lf. pipe railing;
- (47) 30 lf. protective covering;
- (48) 1 lot electrical equipment;
- (49) 1 lot pumping equipment;
- (50) 1 lot misc. items of work.

CONTRACT AWARDED

ASOTIN COUNTY, Wash. and Nez Perce Co., Idaho.—Puget Const. Co., 3950 6th N.W., Seattle, at \$748,337.20 awarded contract by the Washington Director of Highways, L. V. Morrow, Olympia, Wash. for paving with Portland cement and constructing a steel vertical lift bridge with reinforced concrete approach spans over the Snake River on Washington Primary State Highway No. 3 and Idaho State Highway No. 9, Lewiston-Clarkston Bridge. 21

BIDS WANTED

KLAMATH FALLS, Oregon.—Until March 16, 5 p.m., bids will be received by Otto H. Langslet, Police Judge, Klamath Falls, for the construction of a bridge across U S R S Canal at N. 11th Street, involving a series of reinforced concrete contin-

uous deck girder spans consisting of one 40-ft., two 50-ft. and one 40-ft. span with reinforced concrete deck girder approach spans, entire bridge having length of 271-ft. roadway, width of 36 feet, and two concrete walks 5 feet wide.

Plans and specifications may be obtained from E. A. Thomas, City Engineer, upon deposit of \$10. * 21

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento March 23, 1938.

Following is a list of blue prints and prices:

IV-Nap-49-B,C—Three bridges, one across Dry Creek, one across Bale Slough Overflow, and one across Bale Slough; PLANS (No. of Shts.), 17; cost, \$2.50; CROSS-SECTIONS (No. of Sheets), none; total, \$2.50.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Cal. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

OAKLAND, Cal.—Daniel Contracting Co., 503 Market St., San Francisco, at \$2870, submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for 8200 cu. yds. of clamshell dredging at Smith Lumber Company's Wharf, Inner Harbor, Oakland.

Complete bids follow:

Daniel Contracting Co., 503 Market St., San Francisco—\$0.35 per cu. yd.; total, \$2870.

American Dredging Co., San Francisco—\$0.3944 per cu. yd.; total, \$3,234.08.

C. Dudley DeVelbiss Co., Oakland—\$0.49 per cu. yd.; total, \$4,018. * 22

23— CANALS

BIDS OPENED

SUN RIVER PROJ., Mont.—Dan Teters & Co., Ogden, Utah, at \$60,108.80 submitted low bid to the Bureau of Reclamation, Fairfield Mont., under Spec. No. 773, for the construction of earthwork and structures, Mill Coulee laterals 26 to 31, Sun River Slope laterals 71 to 98, and sublaterals, Greenfields and Sun River Slope division, Sun River Project, Montana.

Complete bids follow:

Dan Teters & Co., Ogden, Utah (Sch. 1) \$507,750; (Sch. 2) \$55,031.30; total, \$60,108.80.

Morrison-Knudsen & Co., Inc., Boise, Ida., (1) \$4570.75; (2) \$6,439.60; total, \$61,310.35.

J. A. Terteling & Sons, Boise, (1) \$4952.50; (2) \$60,758.00; total, \$65,710.50.

Nilson Smith Const. Co., Great Falls, Mont., (1) \$5291.90; (2) \$63,158.70; total, \$68,456.60.

Jenkins Bros., Fairfield, (1) \$5756.68. McLaughlin Const. Co., Livingston, (1) \$7438; (2) \$63,317.50; total, \$70,755.50.

Capital City
Title Company

•

JAMES E. BANCROFT
Manager

•

801 J Street
Sacramento : California

Otis Williams & Co., Vale, Oregon, (1) \$6313.50; (2) \$68,769; total, \$75,082.50.
 Williams & Douglas, Kallispell, Mont., (2) \$69,289.50.
 L. A. Woodward, Great Falls, (1) \$6-127.45; (2) \$69,495; total, \$75-622.45.
 Threet Bros. Const. Co., Lovell, (1) \$7865.70; (2) \$79,263.50; total, \$87-129.20.
 Lease & Leigland, Great Falls, (1) \$7663.20; (2) \$90,685; total, \$95-353.20.
 Unit bids are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. 23

SUN RIVER PROJECT, Montana.—Williams & Douglas, Kallispell, Mont., at \$67,150, submitted low bid to the Bureau of Reclamation, Fairfield, Mont., under Spec. No. 778, for the construction of the enlargement of the Sun River Slope State 535 to Station 1153 plus 24, Sun River Slope Division, Sun River Project, Mont.
 Total bids follow:
 Williams & Douglas, Kallispell, Mont.—\$67,150.
 Frank J. Haas, Great Falls—\$76,400.
 J. L. McLaughlin, Great Falls—\$77,250.
 Morrison-Knudsen Co., Inc., Boise—\$80,500.
 Bernard Curtiss Co., Minneapolis, Minn.—\$82,425.
 T. A. Terteling & Sons, Boise—\$86,250.
 Otis Williams & Co., Vale, Ore.—\$91,900.
 Dan Teters & Co., Inc., Ogden—\$104,600.
 Martin Wunderlich Co., Jefferson City—\$109,500.
 Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. 23

24—STREET LIGHTING

BIDS WANTED
 LOS ANGELES, Cal.—Until March 22, 10 A. M., bids will be received by the Metropolitan Water District, Los Angeles, for furnishing lighting fixtures for Colorado River Aqueduct pumping plants, in accordance with Spec. 274.
 The lighting fixtures to be furnished hereunder have been grouped in the bidding sheet under three schedules as follows:
 Schedule 1: Furnishing commercial lighting fixtures
 Schedule 2: Furnishing specially fabricated fixtures.
 Schedule 3: Furnishing specially fabricated concrete fixtures.
 Bids may be submitted for one or more schedules, but no bid will be considered for less than an entire schedule.
 Certified or cashier's check for 10% must accompany each proposal. Specifications may be obtained at the office of the district, Room 1007, 306 West 3rd St., upon payment of \$2, not returnable. 24

25—MACHINERY AND EQUIPMENT

BIDS WANTED
 VENTURA, Ventura Co., Calif.—Until March 16, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, under Circ. Prop. 352, for rental of plant, equipment and materials (except jet pipe and castings) and to engage operating personnel to obtain 25 wash borings to determine character of materials and presence of rock in area of 340 acres seaward of 18-ft. depth curve in

ocean in front of Ventura. Borings to be taken to a depth of 45 feet below mean lower low water. 25

BIDS WANTED
 LOS ANGELES, Calif.—Until Mar. 21, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent, Los Angeles, under Bid No. 96640 for battery charging motor generator set for Intake, Gene, Iron Mt., Eagle Mt. and Hayfield pumping plants. Certified or cashier's check for 5% must accompany bid. 25

BIDS WANTED
 SAN MATEO AND SANTA CRUZ COS., Cal.—Until Mar. 15, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental for approximately 600 hours of one tractor and bulldozer not less than 60 hp., for use in San Mateo and Santa Cruz Counties.
 Plans and specifications may be obtained from the above office. 25

CONTRACT AWARDED
 KENDRICK PROJECT, Wyo.—Caterpillar Tractor Co., Peoria, Ill., at \$28,655.75, was awarded contract by the Bur. of Reclamation, Washington, D. C., under Bid No. 20,718-F, for furnishing diesel tractor for Kendrick Project, Wyo. 25

March 7, 1938

BIDS WANTED
 TERMINAL ISLAND, Los Angeles Co., Cal.—Until March 16, 2 P. M., bids will be received by Department of Justice, Bureau of Prisons, Washington, D. C., for 2-bag concrete mixer for Terminal Island jail, Sch. 1385, in accordance with Bureau of Prisons Spec. 937. 25

March 7, 1938

CONTRACT AWARDED
 SAN DIEGO, Calif.—General Motors Corp., at \$11,107.65 was awarded contract by San Diego city purchasing agent for 3 dump trucks. 25

March 7, 1938

CONTRACT AWARDED
 LOS ANGELES, Calif.—Bert Calvert, at \$2850 (\$4.75 per hr.) awarded contract by U. S. Engineer, Los Angeles, for rental of two crawler type cranes with 70-ft. boom; Circ. Prop. 283. 25

March 7, 1938.

BIDS OPENED
 SOLANO CO., Cal.—Following submitted bids to the Dept. of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 No. Center St., Stockton, for the rental of Caterpillar Diesel Rd-7 tractor to be equipped with LeTourneau Angledozer, LeTourneau Ripper and LeTourneau carryall of approximately 8-cy. capacity, for use on slide removal and fill slip out repairs in the American Canyon bet. Cordella and the Carquinez Bridge.
 W. E. Karstedt, San Jose—\$750 per hour (tractor and angledozer).
 Moore Equipment Co., Stockton—\$632 per hour (tractor, scraper, ripper and angledozer).
 E. G. Gressot, Fairfield—\$475 per hour (tractor and angledozer).
 X. Carrithers, San Mateo—\$350 per hour (tractor and angledozer).
 C. C. Wood, Stockton—\$7.05 per hr. (tractor, angledozer, scraper and ripper).
 Brown-Livingston, Redding—\$870

per hour (tractor, carryall, ripper & angledozer).

Valley Tractor & Equipment Co., Modesto—\$5.25 per hour (tractor, angledozer, carryall and ripper).
 A. B. Hanser, Stockton—\$5.00 per hour (tractor and angledozer). 25

BIDS WANTED
 LOS ANGELES, Cal.—Until March 23, 10 a.m., bids will be received by the Los Angeles Board of Public Works for constructing an ornamental lighting system in Clark Drive, between Whitworth Drive and Pico Blvd., and a portion of Pico Blvd., under 1911 Act. The work involves 6 Marbelite standards. 24

BIDS WANTED
 EUREKA, Humboldt Co., Calif.—Until March 14, 11 a.m., bids will be received by the Department of Public Works, Division of Highways, E. R. Green, District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental for about 500 hours each of four 4-yd. dump trucks for use in District 1.
 Plans and specifications may be obtained from the above office. 25

BIDS OPENED
 BUTTE CO., Calif.—Rook & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$2.33 per hour each, submitted low bid to the Department of Public Works, Division of Highways, District 111, 703 E St., Marysville, for the rental of two 3-yard dump trucks for use on slide-removal work on the Feather River Highway from Oroville to about 20 miles east, District 111.
 Following submitted identical bids at \$2.43 per hour each: L. E. Brown, Chico; Lee Jeskey, Orland; Longwell Truck Service, San Francisco; Earl Grant, Oroville; Wayne Younie, Susanville; A. J. Donner, Chico; Vernon George, Oroville; C. E. Huls, Merced; McReynolds Trucking Co., Oakland.

The bids of L. F. Frazier, L. J. Dunn, H. A. Winchester and Rupley Bros. were irregular, therefore not considered. 25

BIDS OPENED
 STOCKTON, San Joaquin Co., Cal.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$3.75 per hour submitted low bid to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for the rental of dual drive motor grader equal to Caterpillar No. 10 or No. 11 auto patrol, equipped with scarifier and power controlled, for use on the Merced-Yosemite Highway between Ericburg and the Yosemite Park line near El Portal.
 Complete bids follow:
 Lee J. Immel, 1031 Evelyn St., Berkeley, \$3.75 per hour; Austin 77-Sr.
 Jones & King, Hayward, \$3.80 per hour; Austin 77-Sr.
 Clausen & Corfield, Berkeley, \$4.00 per hour; Austin 77-Sr.
 F. E. Crews, Fairfax, \$4.00 per hour, Allis Chalmers (45-h.p.) No. 42.
 Geo. French, Jr., Stockton, \$4.00 per hour; Cat. No. 11, Diesel.
 Cornell Tractor Co., Salinas, \$4.45 per hour; Cat. No. 10, Diesel.
 Garcia Const. Co., Irvington, \$4.50 per hour; Austin 77-Sr.
 Spaletta & Sirl, Santa Rosa, \$5.18 per hour; Austin 77-Sr. 25

CONTRACTS AWARDED
 KENDRICK PROJECT, Wyoming.—Contracts for furnishing and delivering electrical conductor and accessories for transmission lines for the Kendrick Project, Wyo., under Spec.

No. 1017-D, awarded by the Bureau of Reclamation, Denver, as follows: Anaconda Wire & Cable Co., New York, \$348,945; Aluminum Company of America, \$87,570. Schedules under which the awards were made were not indicated. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-38-214, for furnishing two 2-cy. rated capacity dragline buckets: Lee & Thatro Equip. Co., Los Angeles, \$949 each; total, \$1898; 2% 30 days.

Edward R. Bacon Co., San Francisco, \$1096 each; total, \$2192; 10% 20 days.

Erie Steel Const. Co., Erie, Pa., \$834.90; total, \$1669.80; net.

Electric Steel Foundry Co. San Francisco, \$1509; total, \$3018; 2% 20 days.

Fred E. Barnett, \$1249; total, \$2498; 1% 10 days.

Harron, Rickard & McCone Co., San Francisco, \$1502; total, \$3004; 2% 30 days. * 25

BIDS OPENED

MARIPOSA CO., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of one 1½- or 1¼-cy. diesel or gasoline operated shovel to be also equipped for dragline with 1¼- or 1½-cy. dragline bucket; and one or more 4-cy. water level dump trucks for working with the shovel, for use in Mariposa County.

C. A. Baker, Sacramento—\$9.00 (Osgood gasoline-shovel with dragline; \$5.00 (two trucks); lump sum bid, \$500.

J. P. Brown, Sacramento—\$8.00 (gasoline shovel); \$3.11 (4-y. truck.); \$3.90 (7-yd. truck); lump sum bid, \$100.

Rock & Gravel Trucking Co., Oakland—\$11.00 (gasoline shovel); \$3.15 (4 trucks); lump sum, \$600.

Harry J. Woole, Redwood City—\$15.00 (gasoline shovel); \$5.75 (four trucks); No. affidavits covering this bid.

W. E. Karstedt, San Jose—\$6.95 (gasoline shovel); \$3.48 (3 trucks); lump sum, \$400.

C. Mankel, Sacramento—\$8.00 (gasoline shovel); \$3.11, \$2.61 and \$2.86 (6 trucks); lump sum, \$450. * 25

BIDS OPENED

CONTRA COSTA AND ALAMEDA COS., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, John H. Skeggs, District Engineer, Dist. IV, 211 State Bldg., Sacramento, for the rental for 200 hours of one truck mounted shovel unit, equipped with both shovel dipper and clamshell of not less than 4/10 cu. yd. capacity, for use in Contra Costa and Alameda Counties, Calif.

C. E. Huls, Merced..... Per Hr. \$4.49

W. E. Karstedt, San Jose..... 4.90

Volpa Bros., Fresno..... 5.50

Rock & Gravel Trucking Co., Oakland..... 8.00

G. Thatcher, Hayward..... 8.00

Western Crane Service Corp., Oakland..... 8.00

* 25

BIDS OPENED

CONTRA COSTA AND ALAMEDA COS., Cal.—Following submitted bids to the Dept. of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, 211 State Bldg., San Francisco, for the

rental for 900 hours of three only, pneumatic-tired dump trucks, body capacity not less than three and one-half cu. yds. for use in Contra Costa and Alameda Cos., Cal.

Bids taken on: (1) Hand loading; (2) Bunker loading; (3) Power loading.

Total bids follow:

Mrs. M. M. Silva, Sonoma—(3) \$2.75.

C. W. Beguhl, Millbrae—(1) \$2.65;

(2) \$2.90; (3) \$3.15.

Rock & Gravel Trucking Co., Oakland—(1) \$2.65; (2) \$2.90; (3) \$3.15.

S. E. Bonsangue & Bros., L. A.—(3) \$3.05.

Longwell Truck Service, S. F.—(3) \$3.50.

C. Mead, S. F.—(3) \$3.00.

W. L. Morgan, Pasadena—(3) \$2.90.

Dan Gallagher, S. F.—(1) \$2.65;

(3) \$3.15.

McReynolds Trucking Co., Oakland—(3) \$2.75.

Hayward Bldg. Materials, Hayward—(3) \$2.55.

C. L. Harney, S. F.—(3) \$2.35.

A. O. Field, S. F.—(3) \$3.15.

Brown & Delgado, Oakland—(3) \$3.15.

Paul Entremont, Colusa—(3) \$2.75.

Roy L. Pierce, Napa—(1) \$2.65; (2) \$2.90; (3) \$3.15.

H. Simon, S. F.—(3) \$3.45.

C. E. Huls, Merced—(3) \$2.75.

K. I. Doudy, S. F.—(1) \$3.65; (2) \$2.90; (3) \$3.15. * 25

BIDS OPENED

CONTRA COSTA AND ALAMEDA COS., Cal.—Following submitted bids to the Dept. of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, 211 State Bldg., San Francisco, for the rental for 600 hours of three pneumatic-tired dump trucks, body capacity not less than 2½ cu. yds. for use in Contra Costa and Alameda Cos., Cal.

Bids taken on: (1) hand loading, (2) bunker loading, (3) power loading.

Total bids follow:

Mrs. M. M. Silva, Sonoma—(3) \$2.68.

Rock & Gravel Trucking Co., Oakland—(1) \$2.60; (2) \$2.90; (3) \$3.15.

S. E. Bonsangue & Bros., L. A.—(3) \$2.14.

C. E. Huls, Merced—(3) \$3.75.

Dan Gallagher, San Francisco—(1) \$2.00; (3) \$2.25.

McReynolds Trucking Co., Oakland—(3) \$2.75.

Joe Cunha, Hayward—(3) \$2.25.

E. Barbetina and N. Giorgi, San Francisco—(3) \$2.24.

C. L. Harney, San Francisco—(3) \$2.25.

A. O. Fields, San Francisco—(3) \$2.75.

Lee J. Immel, Berkeley—(3) \$2.55.

M. Lewis, San Francisco—(3) \$2.15.

Frederic Smith and H. Dewitt, Campbell—(3) \$2.19.

East Bay Constr. Co., Oakland—(3) \$2.10. * 25

BIDS WANTED

ALL-AMERICAN CANAL.—Until March 23, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1048-D, for furnishing and delivering four 7-ft. by 6-ft. slide gates, four 23,400-lb. capacity gate hoists, one 3-ft. 6-in. by 3-ft. 6-in. cast-iron slide gate, one 3255-lb. capacity gate hoist and one cast-iron stem guide for installation in the Siphon Drop and Walapai lateral turnouts, All-American Canal, All-American Canal system, Boulder Canyon Project, Arizona-California-Nevada, fob shipping point and/or Yuma, Ariz. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

CONTRA COSTA AND ALAMEDA COS., Cal.—Following submitted bids to the Dept. of Public Works, Div. of Highways, John H. Skeggs, District Engineer, District IV, 211 State Bldg., San Francisco, for the rental for 300 hours of one crawler type power shovel, capacity ½ cubic yard, and one crawler type suitable trailer for moving for use in Contra Costa and Alameda Counties, California.

R. P. Easily, Antioch..... Per Hr. \$5.00

Rock & Gravel Trucking Co., Oakland..... 6.00

A. D. Robinson, Healdsburg..... 6.00

Crane & Cox, Healdsburg..... 6.50

John Fretis, Ukiah..... 6.75

W. K. Walker, San Francisco..... 7.00

John Din & Nelson, San Anselmo..... 7.00

Gillispie Bros. & Gates, West Los Angeles..... 7.50

M. Saporitti, San Anselmo..... 7.50

J. H. Harris, Berkeley..... 7.90

* 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to Bureau of Reclamation, Denver, under Spec. No. 1041-D, for furnishing and delivering structural steel structures for Group A of the Metropolitan Water District transformer circuits in Boulder switchyard, Boulder Canyon Project. Structures will be erected by the Government; fob shipping point and/or Boulder City, Nev.

Blaw-Knox Co., Pittsburgh, Pa.: \$10,569; wt. 127,590; net; fob Blawnox.

Wisconsin Bridge & Iron Co., Milwaukee, Wis.: \$8960; wt. 123,300; net; fob Milwaukee.

Jos. T. Ryerson & Son, Inc., Chicago, \$9118; wt. 138,800; net; fob Chicago.

Lehigh Structural Steel Co., N. Y.: \$6910; wt. 119,725; net; fob Allentown, Pa.

American Bridge Co., Denver, \$9758; wt. 140,800; net; fob Pittsburgh.

Bethlehem Steel Co., San Francisco: \$8070; wt. 125,000; net; fob Boulder City.

International Derrick & Equipment Co. of Calif., Torrance: \$7260; wt. 121,031; ½%; fob Torrance.

Berkeley Steel Const. Co., Inc., Berkeley: \$9975; wt. 125,000; ½%; fob Berkeley.

Consolidated Steel Corp., Los Angeles: \$9795; wt. 119,350; net; fob Los Angeles.

Mississippi Valley Struc. Steel Co., Melrose Park, Ill.: \$6715; wt. 124,000; net; fob Cicero.

Hansell Elcock Co., Chicago: \$8806; wt. 122,926; ½%; fob Chicago. * 25

CONTRACT AWARDED

DENVER, Colo.—Bay City Shovels, Inc., Bay City, Mich., at \$22,500 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1023-D, for furnishing and delivering one dragline excavator suitable for handling a ¾-cy. medium-weight dragline bucket with a 45-ft. boom, and one ¾-cy. dragline bucket, for the Glendive division, Buffalo Rapids Project, Mont.; and one dragline excavator suitable for handling one-cy. medium-weight dragline bucket with a 45-foot or a ¾-y. bucket with a 55-ft. boom and one 1-cy. dragline bucket and one ¾-cy. bucket for the Fayette division of the Boise Project, Idaho.

BIDS OPENED

MENDOCINO AND LAKE COS., Calif.—C. Mankel, 2924½ 35th St., Sacramento, at \$5.20 per hour, submitted low bid to the Dept. of Public Works, Division of Highways, J. W. Vickrey, District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental for 500 hours of one ½-c.y. power shovel with trailer, for use in Mendocino and Lake Counties, Calif.

Total bids follow:

	Per Hr.
C. Mankel, 2924½ 35th St., Sacramento.....	\$5.20
E. E. Smith, Eureka.....	5.24
A. Soda & Son, Oakland.....	5.94
Wayne Younie, Susanville.....	5.95
A. D. Robinson, Healdsburg.....	6.00
Rock & Gravel Trucking Co., Oakland.....	6.00
R. M. Taylor, Cottonwood.....	6.00
	• 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Chas. Kuppinger, Lakeport, at \$3.00 per hour, submitted low bid to the Department of Public Works, Division of Highways, J. H. Vickrey, District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental of 300 hours of one 1500-gal. insulated tank truck, for use in Mendocino, Lake and Humboldt counties.

Total bids follow:

	Per Hr.
Chas. Kuppinger, Lakeport.....	\$3.00
Dewar's Express, Eureka.....	3.75
Wm. Kern, Weott.....	3.95
	• 25

BIDS WANTED

SANTA CLARA and Santa Cruz Cos., Calif.—Until March 14, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental for approximately 300 hours of one ¾-c.y. shovel equipped with both shovel and clamshell boom, mounted on wide gauge tracks and equipped with suitable trailer for moving, for use in Santa Clara and Santa Cruz counties.

Plans and specifications may be obtained from the above office. • 25

BIDS WANTED

SANTA CLARA and Santa Cruz Cos., Calif.—Until March 14, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental for approximately 300 hours of one truck mounted power shovel unit, equipped with both shovel dipper and clamshell of not less than 4/10-c.y. capacity, for use in Santa Clara and Santa Cruz counties.

Plans and specifications may be obtained from the above office. • 25

BIDS WANTED

SAN MATEO AND Santa Cruz Cos., Calif.—Until March 15, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental for approximately 2000 hours of four pneumatic tired dump trucks, not less than 4-c.y. water level with sideboards or built up sides, for use in San Mateo and Santa Cruz counties.

Plans and specifications may be obtained from the above office. • 25

BIDS WANTED

SANTA CRUZ AND **SAN MATEO** COS., Calif.—Until Mar. 14, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental for approximately 300 hours of one caterpillar tractor Type RD-4 (or equal), wide gauge, equipped with 7½-ft. bulldozer, for use in Santa Cruz and San Mateo Counties, Calif.

Plans and specifications may be obtained from the above office. • 25

CONTRACTS AWARDED

KENDRICK PROJECT, Wyo.—Anacosta Wire & Cable Co., New York, at \$348,945 (Schedules 2 and 8) and the Aluminum Co. of Amer., Messena, New York, at \$87,570 (Schedules 1 and 2), were awarded contracts by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1017-D, for furnishing and delivering electrical conductor and accessories for transmission lines for the Kendrick Project, Wyo. • 25

CONTRACT AWARDED

BOULDER CANYON PROJECT.—International Derrick & Equipment Co. of California, Torrance, at \$6,862.58 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1002-D, for structural steel for supporting structures for the Metropolitan Water District and the Southern California Edison Company transformer circuits at Boulder switchyard, Boulder Canyon Project. • 25

BIDS OPENED

SAN LUIS OBISPO COUNTY, Cal.—Galen Smith, 829 19th St., Paso Robles, at \$4.95 per hour submitted low bid to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for the rental of one 50-h.p. tractor with angledozer, for use for approximately 25 days on slide removal work in the vicinity of Mustand Grade, Road V-Mon-10-B.C.

Total bids follow:

Galen Smith, 829 19th St., Paso Robles.....	\$4.95
Cornell Tractor Co., Salinas.....	5.15
C. E. Lambert, Santa Barbara.....	5.50
Silva & Hill Const. Co., L. A.....	7.00
	• 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 45073, Reg. No. 12682, for one 10-ft. dual-drive, pneumatic-tired motor grader; f.o.b. Fruitvale, Oakland, Trade-in on Galion Grader-Tractor CHC 259.

Weaver-Rye Tractor Co., Sacramento—\$4872.33; allowance, \$1451.95. Net price, \$3420.38; disc. \$50.30 plus. Spears-Wells Machinery Co., Oakland—\$5173; allowance, \$500; net, \$4673; \$100 10 days.

Harron Rickard & McCone Co., San Francisco—\$5899; allowance, \$1779.25; net, \$4119.75; net. • 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for automobiles, Circ. Prop. 323, opened by U. S. Engineer, Los Angeles follow. The items are:

LOT 1

- (1a) six sedans;
- (1b) 15 station wagons;
- (1c) 9 pickup trucks;
- (2) trade-in allowance for 31 vehicles.

LOT 2

- (1) six sedans;
- (2) trade-in allowance for 6 sedans

and 1 coupe;

LOT 3

- (1) 8 station wagons;
- (2) trade-in allowance for 7 station wagons.

LOT 4

- (1) 7 station wagons;
- (2) trade-in allowance for 7 station wagons.

LOT 5

- (1) 9 pickup trucks;
- (2) trade-in allowance for 9 pickup trucks.

The bids were (delivered to Los Angeles unless otherwise noted):

J. L. Schlosser, disc.; of 15%; 20 days, lot 1 (a) \$749; (b) 820 (c) \$524; Lot 2 (1) \$749 each; 4494; allowance \$1375; Lot 3 (1) \$820 each; \$6560; allowance \$1424; Lot 4 (1) \$820 ea.; \$5740; allowance \$1246; Lot 5 (1) \$624 each; \$5616; allowance, \$2250 (Chevrolet).

Bovd Gibbons, Lot 1 (1) (a) \$723; (b) \$814; (c) \$616; total, \$22,092; allowance \$4224; Lot 2 (1) \$723; allowance \$1394; Lot 3 (1) \$814 each; \$6,512; allowance \$1010; Lot 4 (1) \$814 each; \$5698; allowance \$845; Lot 5 (1) \$616 each; \$5544; allowance, \$975 (Ford).

General Motors Corp. (Chevrolet Div.) \$5% 30 days; Lot 1 (a) \$730.84 (b) \$754.24 (c) \$587.62; total, \$20,957.22; Lot 2 (1) \$730.84 each; \$4385.04; Lot 3 (1) \$754.24 each; \$6033.92; Lot 4 (1) \$754.24 each; \$5279.68; Lot 5 (1) \$587.62 each; \$5288.58.

International Harvester Co.: Lot 1 (b) \$833.84 (c) \$572.24; allowance on 24 cars \$2550; Lot 3 (1) \$833.84 each; \$6670.72; allowance \$900; Lot 4 \$833.84; total, \$5356.64; allowance \$750; Lot 5, \$572.24 each; \$3150.16; allowance \$900; station wagons, fob Hagerstown, Md.; pickup trucks fob Springfield, Ohio. • 25

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until March 21, 11 A. M., bids will be received by the Department of Public Works, Division of Highways, E. E. Green, Acting District Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of one 1,000-gallon capacity water sprinkler truck, not to exceed 300 hours, for use on roads in Mendocino County.

Plans and specifications may be obtained from the above office. • 25

BIDS OPENED

REDDING, Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 44586, Reg. No. 26348, for one ¼-yd. crawler type, full revolving gasoline powered shovel; f.o.b. Redding.

The Pix Co., Inc. S. F.—\$8026. Harron Rickard & McCone Co., San Francisco—\$6059.

Garfield & Co., San Francisco—\$6575.00. Alt. bid, \$5753. Edward R. Bacon Co., San Francisco—\$6875. Alt. bid, \$6675; 3% 20' days.

Knox-Hale Machinery Co., S. F.—\$6118.50; 2% 30 days.

A. L. Young Machinery Co., San Francisco—\$7295.

O. F. Peterson Co., Inc., San Francisco—\$6994; 1% 30 days. Spears-Wells Machinery Co., Oakland—\$6211; disc. \$200 10 days.

Northwest Engineering Co., San Francisco—\$7601.25.

Harnischfeger Sales Corp., S. F.—\$6058; \$315 15 days. • 25

BIDS OPENED

RUBY DAM, Whatcom Co., Wash.—Puget Sound Machinery Depot, 322 1st Avenue South, Seattle, at \$14,404.39, submitted low bid to the Seattle Board of Public Works, G. W.

Roberge, Secretary, 509 County-City Bldg., Seattle, for furnishing two 72-inch diameter steel pipes, steel trash rack, and trash rack guides, etc., for Ruby Dam.

Bids taken on:

(1) 197,800 lbs. electrically welded steel pipe for bypass tunnel;
(2) 35,327 lbs. structural steel for trash rack guides, etc.

Total bids follow:

Puget Sound Machinery Depot, 322 1st Ave. So., Seattle—(1) \$0.063; (2) \$0.055; total, \$14,404.39.

Seattle Boiler Works, Seattle—(1) \$0.0669; (2) \$0.0669; total, \$15,596.20.
Steel Tank & Pipe Co., Portland—(1) \$0.0752; (2) \$0.06; total, \$17,094.18.

Birchfield Boiler, Inc., Tacoma—(1) \$0.0739; (2) \$0.0723; total, \$17,251.56.

Commercial Boiler Works, Seattle—(1) 7.7c; (2) 7.2c; total, \$17,774.14.
Puget Sound Sheet Metal Works, Seattle—(2) 7.9c; total, \$2,790.83. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Mar. 28, 12 M., bids will be received by Los Angeles County Purchasing Agent for five pump engines, 12 or 8 cylinder motor, Quot. 6648. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing 15 flow meters for indicating, integrating, and recording the flow of water at the Colorado River Aqueduct Pumping Plants, Spec. 273, opened by the Metropolitan Water District, Los Angeles, were:
Bailey Meter Co., Cleveland, Ohio—Sch I (1) \$2403, (2) \$1212, (3) \$2403, (4) \$555. Total \$6573. Use tax to be added. Ship. wt., 7500 lbs.; f.o.b. cars, Cleveland, O. No disc. Alternative Proposal: dial type indicator: (1a) \$2583, (2a) \$1302, (3a) \$2583, (4a) \$630; total, \$7098; f.o.b. Cleveland.

Foxboro Co.—Sch I (1) \$2867.20; (2) \$1521.10, (3) \$2727.20, (4) \$3850.60. Total, \$8972.60. Use tax \$265.52. Total, \$9116.12. Ship. wt., 7500 lbs.; f.o.b. cars, Foxboro, Mass. No disc.

The Brown Instrument Co. (Div. of the Minneapolis-Honeywell Regulator Co.), Philadelphia, Pa.—Sch I (1) \$2808, (2) \$1441.50, (3) \$2898, (4) \$1462.50; total \$8695; use tax \$260.85; total \$8955.85. Ship. wt., 4000 lbs.; f.o.b. cars, Philadelphia. No disc.

Eristol Co., Waterbury, Conn.—Sch. I (1) \$2810.80, (2) \$1405.40, (3) \$2830.80, (4) \$650; total \$7897; use tax \$236.91; total \$8133.91. Ship. wt., 2000 lbs.; f.o.b. cars Waterbury, Conn. No disc.

Water Works Supply Co., Inc., Los Angeles—Sch I (1) \$2850; (2) \$1425; (3) \$2850; (4) \$300; total \$7425; sales tax, \$222.75; total \$7647.75. Ship. wt., 2025 lbs.; f.o.b. cars, Los Angeles; disc. 1%.

Leeds & Northrop Co., Philadelphia, Pa.—Sch I (1) \$4805, (2) \$2555, (3) \$4805, (4) \$1365; total \$13,530; use tax, \$406.90; total, \$13,936.90. Item (4) refund of \$1245 if special scales, joints, etc., are not needed. Shipping wt., 10,100 lbs.; f.o.b. Philadelphia, Pa.; no disc. * 25

MONTEREY and San Benito Cos., Cal.—Until March 14, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo for the rental of four 3-cy. dump trucks for use on the Roosevelt Highway, Monterey county and south of Hollister, San Benito county.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED CONTRACT AWARDED

GRAND COULEE, Wash.—Missis-

sippi Valley Structural Steel Co., St. Louis, at \$34,545 awarded contract by Bureau of Reclamation, Washington, D. C., under Spec. No. 752 for furnishing and delivering thirty 14x 17-ft. bulkhead gates for installation at the outlet ends of the turbine draft tubes in the left powerhouse of Grand Coulee power plant, Columbia Basin Project, Wash. * 25

BIDS OPENED

SAN BERNARDINO and Riverside Counties, Cal.—Bids for rental of track-type tractor of 75-hp. capacity and one angledozer with 12-ft. blade, together with tractor driver for use in San Bernardino and Riverside counties, were opened by the State Highway Dept., San Bernardino. The items are:

(1) transportation to and from Lake Arrowhead (flat price, round tr.)
(2) operating rental rate per hour;
(3) stand-by rental rate per hour.

The bids were:

R. E. Hazard & Son: (1) \$100; (2) \$5; (3) \$30.

C. G. Willis & Son: (1) \$90; (2) \$5.40 (3) \$2.00.

Silva & Hill: (1) \$100; (2) \$5.40; (3) \$50.

Chas. Holmes: (1) \$100; (2) \$6.90; (3) \$50.

Lewis Const. Co.: (1) \$130; (2) \$5.95; (3) \$2.00.

J. R. McKnight: (1) \$80; (2) \$5.10; (3) \$1.75.

Vido Kovacevich: (1) \$50; (2) \$5.70; (3) \$1.75.

John Murillo: (1) \$140; (2) \$7.50; (3) \$2.00. * 25

29—STREETS AND HIGHWAYS

BIDS OPENED

PHOENIX, Maricopa Co., Ariz.—Arizona Sand and Rock Co., Box 1522, Phoenix, at \$7,902.49 submitted low bid to the Phoenix City Engineer, Jas. Girand, City Engineer, for street improvements on Encanto Blvd., Phoenix.

Work involves:

(1) 5436 sq. yds. 3-in. plant mix oil process;
(2) 5436 sq. yds. grading under oil process pavement;
(3) 5436 sq. yds. 6-in. aggregate base course under oil process pavement;
(4) 313 sq. yds. 6-in. Portland ce-

ment concrete pavement;
(5) 313 sq. yds. grading under Portland cement concrete pavement;
(6) 1258 l.f. single curb, Detail "F-1"
(7) 1258 l.f. comb. curb and gutter, Detail "E-1";
(8) adjusting one manhole cover.

Total bids follow:

(A) Arizona Sand & Rock Co., Box 1522, Phoenix, \$7,902.49.

(B) Daley Corp., San Diego, \$7,936.34.

(C) Oswald Bros., Los Angeles, \$7,989.50.

(D) Phoenix-Tempe Stone Co., Phoenix, \$8,343.93.

(E) W. E. Hall Const. Co., Phoenix, \$8,862.60.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$58	\$55	\$55	\$57	\$59
(2).....	20	22	20	22	25
(3).....	22	22	25	23	30
(4).....	1.70	1.70	2.00	1.75	1.85
(5).....	23	20	20	22	25
(6).....	58	60	60	70	62
(7).....	97	1.00	.95	1.10	1.05
(8).....	2.50	5.00	5.00	10.00	10.00

BIDS REJECTED

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, Olympia, rejected all bids for manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on Secondary State Highways, Nos. 1-P and 12-E, Section 1, Secondary State Highway No. 1-P, Vador to Ryderwood and Section 2, Secondary State Highways No. 12, Napavine to Winlock, State Project, in Lewis County.

C. W. Thomas and Son, Winlock, at \$12,637 submitted low bid. * 29

BIDS WANTED

LOS ANGELES, Cal.—Until March 29, 2 P. M. (time extended from Mar. 22), bids will be received by the Los Angeles County Supervisors for the improvement of Arroyo Seco Road in the SE ¼ of Sec. 30, T2N, R12W, at Public Camp "M", a total distance of 787 l.f., under Cash Contract No. 506.

The work involves:

(1) 2850 sq. excav. (inc. clearing and shapings);
(2) 380 c.y. dry rubble wall.
Geo. W. Jones, County Road Commissioner, Mame B. Beatty, Clerk of the Board. * 29

(Continued on Next Page)

ASOTIN CO., WASH.—BRIDGE CONSTR.—(State)

ASOTIN CO., Wash. and NEZ PERCE CO., Idaho.—Puget Const. Co., 3951 6th Ave., N.W., Seattle, at \$745,337.20 submitted low bid and was awarded contract by the Washington Director of Highways, L. V. Murrow, Olympia, for paving with Portland cement and constructing a steel verticle lift bridge with reinforced concrete approach spans over Snake River on Washington Primary State Highway 3 and Idaho State Highway No. 9, Lewiston-Clarkston Bridge, Asotin Co., Wash., and Nez Perce Co., Idaho.

Work involves:

(1) Lump sum, clearing and grubbing;
(2) 32,860 c.y. of unclass. excav. (including all haul);
(3) 790 c.y. struc. excav. (do);
(4) 100 sta. finishing roadway;
(5) 80 c.y. screened gravel surfacing
(6) 6410 sq. yds. cement conc. pavement, 14-day mix;
(7) 937 sq. yds. cement conc. pavement, high early strength;
(7a) 44 c.y. cement concrete pave-

ment bridge approaches slab, 14-day mix;
(7b) 30 c.y. cement concrete pavement bridge approaches slab, high early strength;

(8) 449 ft. of No. 3 pavement header
(9) 120 l.f. No. 4 do, in place;
(10) 34,790 lbs. pavement reinf., Type 2

(11) 2116 dowel bars with rubber caps
(12) 2946 dowel bars without caps;
(13) 2231 ft. integral concrete curb;
(14) 197 sq. yds. cement conc. driveway (14-day mix);
(15) 992 sq. yds. one-course concrete sidewalk (14-day mix);
(16) 35 sq. yds. cement concrete sidewalk with integral beams (14-day mix);
(17) 286 ft. heavy service curb guard
(18) 370 c.y. sack riprap (concrete, Class C);

(19) 5 standard concrete catch basins with CI cover;
(20) 3 special concrete or brick catch basins (city of Seattle std.);
(21) 9 special curb inlet (city of Seattle standard);

(Continued on Next Page)

29— STREETS AND HIGHWAYS

BIDS WANTED
CONTRA COSTA COUNTY, Cal.—Until March 21, 11 A. M., bids will be received by Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Hall of Records, Martinez, for 9900 Lf. regrading of Ignacio Valley Road, in Supervisor District No. 3, Contra Costa County.

Plans and specifications may be obtained from the above office and from R. R. Arnold, county surveyor. * 29

BIDS WANTED
LOS ANGELES, Cal.—Until March 16, 10 A. M., bids will be received by Los Angeles Board of Public Works for grading and construction of storm drain in Sunset Blvd. bet. Kenter Ave. and Gretna Green Way, a cash contract. The work involves:

- (1) lump sum, grading (no excav., 1060 c.y. fill) including removal of existing improvements;
 - (2) 732 sq. ft. asph. conc. pave., 6-in. thick, consisting of 4-in. asph. concrete base and 2-inch asph. conc. wearing surf.;
 - (3) 68 sq ft. 8-in. conc. pave. (local depressions);
 - (4) 193 Lf. unplastered curb, light class;
 - (5) 183 sq. ft. 6-in. conc. gutter;
 - (6) 40 Lf. wooden guard rail;
 - (7) lump sum—storm drain and appurtenances complete in place.
- Quantity estimates for the storm drain are:
- 176.55 Lf. 60-in. reinf. conc. pipe DM or 1100-D;
 - 59.88 Lf. 60-in. reinf. conc. pipe, DM or 1100-D;
 - 100 Lf. 48-in. corr. metal pipe, 12 gauge;
 - 3 only 48-in., 14-ga. band couplers;
 - 10 Lf. 15-in. cement conc. pipe;
 - 1 reinf. conc. funnel;
 - 1 reinf. conc. inlet structure;
 - 1 junction structure "C";
 - 1 catchbasin;
 - 1 frame and cover. * 29

CONTRACT AWARDED
KING CO., Wash.—L. Romano Engineering Co., 1300 Dearborn Street, Seattle, at \$128,964, awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for 1,453 miles of grading and 1,872 miles of advance clearing on the Stevens Pass Highway, Washington National Forest Highway Grading and Advance Clearing Project 8-C, King County, Wash. * 29

CONTRACT AWARDED
COCHISE CO., Ariz.—Tanner Construction Co., 801 Security Building, Phoenix, at \$75,285.77, awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of Ft. Huachuca-Bisbee Highway, F.A. 133A (1938), AFE 9202 and F.A. 133B (1938), AFE 9203. The work, which is approximately located between 9 and 15 miles west of Bisbee, consists of grading, draining, aggregate base course and asphalt surface treatment and is to be completed on or before August 15. * 29

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$1928.25, awarded contract by the Department of Public Works, City Hall, for the improvement of portions of Sweeney St., between Bowdoin and Bayston Sts., San Francisco. * 29
 (Continued on Next Page)

- (22) 4 stand. concrete or brick man-holes;
- (23) 4 reinf. concrete federal aid markers;
- (24) reconstruct top to exist. man-holes;
- (25) remove 456 sq. yds. of existing bituminous concrete pavement;
- (26) remove 193 ft. of concrete curb;
- (27) remove 50 1/2 sq. yds. of concrete sidewalk;
- (28) remove 138 ft. of 8-in. corr. iron pipe, No. 16 gauge;
- (29) 48 Lf. 12-in. dia. No. 16 gauge corrugated iron pipe;
- (30) 333 ft. of 6-in. plain concrete or vitrified conc. sewer pipe;
- (31) 552 Lf. 8-in. do.;
- (32) 216 Lf. 12-in. do.;
- (33) 8000 c.y. struc. excav.;
- (34) 110 c.y. gravel backfill;
- (35) 5080 c.y. Class A concrete;
- (36) 1720 c.y. Class B concrete;
- (37) 320 c.y. Class B conc. in counterweight;
- (38) 2220 c.y. Class D concrete;
- (39) Furnish and drive four steel test piles;
- (40) 19,500 ft. of steel foundation piling at site;
- (41) 491 driving and capping steel piles;
- (42) splicing 50 steel piles;
- (43) 30 MFBM of timber and lumber (creosote treated);
- (44) 1,350,000 lbs. steel reinf. bars;
- (45) 1,450,000 lbs. of structure carbon steel;
- (46) 440,000 lbs. struc. silicon steel;
- (47) 157,000 lbs. cast steel;
- (48) 285 copper seals;
- (49) 44 cast steel drains;
- (50) 1830 Lf. reinf. concrete bridge railing, in place;
- (51) Lump sum, wire ropes and fittings;
- (52) 93,000 lbs. machinery, in place;
- (53) Lump sum roller bearings in place;
- (54) Lump sum mechanical and electrical equipment, in place;
- (55) Lump sum operator's house and spiral stairways, in place;
- (56) two only machinery houses, in place;
- (57) two only traffic barriers;
- (58) two reflector units;
- (59) Lump sum abutment lights and connections, in place;
- (60) Lump sum removing exist. struc.

Total bids follow:
 (A) Puget Const. Co., 3951 6th Ave. N.W., Seattle, \$748,337.20.
 (B) The Gilpin Const. Co., Portland, \$765,637.78.
 (C) Parker - Schram Co., Portland, \$796,817.75.
 (D) Rumsey & Co., Seattle, \$810,610.60.
 (E) Siems - Spokane Co., Spokane, \$926,516.53.
 Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$1,000.00	\$1,000.00	\$ 100.00	\$2,000.00	\$ 5,000.00
(2)	50	50	45	35	100
(3)	1.50	1.25	1.50	1.00	2.00
(4)	10.00	15.00	25.00	10.00	15.00
(5)	1.00	3.00	1.00	3.00	1.50
(6)	2.50	2.30	2.50	2.50	2.10
(7)	3.00	2.40	2.75	2.75	2.40
(7a)	20.00	12.00	13.00	16.00	12.00
(7b)	25.00	13.00	14.00	18.00	14.00
(8)	1.00	.60	.50	.50	.90
(9)	1.00	.75	.85	.75	1.50
(10)	.06	.06	.05	.06	.06
(11)	.25	.33	.25	.30	.25
(12)	.40	.25	.15	.20	.18
(13)	.40	.30	.25	.50	.35
(14)	2.50	2.50	2.50	2.25	2.00
(15)	1.50	1.30	1.80	1.50	1.75
(16)	2.00	3.00	3.00	2.50	3.00
(17)	.70	.80	.80	.75	.60
(18)	12.50	18.00	14.25	16.00	17.00
(19)	50.00	50.00	60.00	60.00	80.00
(20)	50.00	75.00	45.00	125.00	120.00
(21)	20.00	30.00	20.00	40.00	20.00
(22)	75.00	100.00	85.00	125.00	100.00
(23)	4.00	10.00	8.00	10.00	10.00
(24)	20.00	25.00	15.00	25.00	30.00
(25)	.25	.50	.50	.25	.50
(26)	1.10	.20	.10	.30	.35
(27)	.20	.30	.35	.25	.40
(28)	1.00	1.00	.80	1.25	.75
(29)	1.50	1.50	1.15	2.00	1.10
(30)	.40	.50	.45	.60	.45
(31)	.60	.70	.60	.75	.60
(32)	1.00	1.25	1.10	1.00	1.00
(33)	7.00	7.00	10.00	8.00	11.00
(34)	3.00	3.00	8.25	3.50	3.00
(35)	24.00	28.00	25.50	25.00	30.00
(36)	22.00	22.00	25.50	22.00	30.00
(37)	15.00	22.00	25.50	20.00	15.00
(38)	21.00	15.00	12.35	18.00	27.00
(39)	240.00	400.00	500.00	250.00	500.00
(40)	2.00	2.20	2.25	2.25	2.40
(41)	15.00	15.00	10.50	18.00	40.00
(42)	10.00	10.00	6.50	10.00	15.00
(43)	100.00	130.00	165.00	100.00	120.00
(44)	.05	.05	.05	.0475	.06
(45)	.07	.03	.092	.085	.089
(46)	.08	.085	.10	.095	.11
(47)	.30	.20	1.00	.23	.18
(48)	.60	1.00	1.50	1.00	1.00
(49)	27.50	25.00	33.50	30.00	20.00
(50)	2.00	3.50	5.00	3.00	4.50
(51)	8,500.00	10,000.00	8,500.00	10,000.00	8,500.00
(52)	30	40	37	40	33
(53)	18,000.00	18,000.00	19,500.00	25,000.00	20,000.00
(54)	31,000.00	28,000.00	33,500.00	34,100.00	29,000.00
(55)	5,500.00	6,500.00	7,000.00	7,000.00	5,600.00
(56)	3,950.00	4,000.00	4,675.00	7,500.00	6,800.00
(57)	5,000.00	5,500.00	6,250.00	5,250.00	4,900.00
(58)	5.00	10.00	6.50	10.00	7.00
(59)	1,000.00	1,000.00	1,000.00	1,237.50	1,000.00
(60)	11,000.00	100.00	5,000.00	15,600.00	10,000.00

BIDS WANTED

SAN FRANCISCO.—Until March 16, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of wherabouts on Brewster St., bet. Costa St. and Faith St. and other locations. Est. cost, \$3800.

Work involves:

- (1) 5604 sq. ft. of asphaltic concrete pavement, consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surface;
- (2) 2525 sq. ft. 6-in. class E concrete pavement;
- (3) 325 sq. ft. 2-in. asphaltic conc. wearing surface;
- (4) 494 lf. armored conc. curb;
- (5) 25 lf. unarmored conc. curb;
- (6) 261 lf. 6-in. vit. clay pipe side sewers;
- (7) 700 sq. ft. vertical fibre brick pavement on a 6-in. class F concrete base.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.

BIDS OPENED

LOS ANGELES, Calif.—Paul D. Lawrence, 2127 N. Cahuenga Blvd., Los Angeles, at \$20,224.87, submitted low bid to the Los Angeles Board of Public Works, for improvement of Olympic Blvd. between Indiana and Eighth Streets. Estimated cost, \$23,230.31.

Total bids follow:

Paul D. Lawrence.....	\$20,224.87
Los Angeles Paving Co.....	21,021.54
Gogo & Rados.....	21,203.69
Vido Kovacevich.....	21,324.97
Griffith Company.....	21,500.17
Geo. R. Curtis Paving Co.....	21,643.98
P. J. Akmadzich.....	21,809.11
G. O. Gartz.....	21,928.14
Warren Southwest, Inc.....	21,940.99
VCK Const. Co.....	22,224.19
Radich & Brown.....	22,369.28
Artukovich Bros.....	22,596.67
Bebek & Erkich.....	23,414.35
H. O. Bauerle.....	23,419.54
Edward Green.....	23,825.21
Max Zimmer.....	24,000.29
Johnston & Ferscallo.....	24,721.54
Contracting Engineers.....	25,298.21
A. R. Milosevich.....	27,278.51
R. A. Wattson.....	27,625.64

29

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until March 31, 2 P. M. (date extended from Mar. 17) bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Building, Los Angeles, for grading and paving with Portland cement concrete and asphalt concrete about 9.7 miles on Pacific Highway, between Barnett Ave. and Miramar Road, in the City of San Diego.

Work involves:

- (1) clear and grub;
- (2) 6,200 M. gals. water;
- (3) 173,000 c.y. roadway excavation, without class;
- (4) 2,000 c.y. ditch and channel excavation;
- (5) 4,008,000 sta. yds. overhaul;
- (6) 4,250 c.y. struc. excav.;
- (7) 28,600 c.y. import borrow;
- (8) 535 c.y. remove concrete;
- (9) 47,800 lf. remove existing side forms;
- (10) 106,200 sq. yds. preparing subgrade;
- (11) 508 sta. finishing roadway;
- (12) 1,750 tons min. aggr., plant-mix surf.;
- (13) 90 tons liq. asph., MC-5 or MC-extra heavy, plant-mix surf.;
- (14) 3 tons liq. asph., MC-3, seal coat;
- (15) 880 tons liq. asph., SC-2, road-

- mix surf treatment;
- (16) 104,700 sq. yds. preparing, mixing and shaping shoulders, gutter slopes and dikes;
- (17) 35,600 sq. yds. asph. paint binder;
- (18) 1,350 tons asphalt cement asph. concrete;
- (19) 14,800 tons min. aggr. asph. conc. base and leveling course;
- (20) 10,850 tons min. aggr. asph. conc., Type A surface;
- (21) 11,030 c.y. Class A portland cement concrete pavement;
- (22) 22,700 each, pave. dowels;
- (23) 1,170 c.y. class A portland cement concrete curbs;
- (24) 19 c.y. class A portland cement concrete railing;
- (25) 674 c.y. class A portland cement conc. strucs.;
- (26) 205,500 lbs. bar reinf. steel pave. and strucs.;
- (27) 19,950 each, curb anchors;
- (28) 20 lf. 12-in. standard reinforcing concrete pipe;
- (29) 432 lf. 18-in. standard reinf. conc. pipe;
- (30) 356 lf. 24-in. standard reinf. conc. pipe;
- (31) 200 lf. 30-in. standard reinf. conc. pipe;
- (32) 156 lf. 36-in. standard reinf. conc. pipe;
- (33) 148 lf. 48-in. standard reinf. conc. pipe;
- (34) 24 lf. 60-in. standard reinf. conc. pipe;
- (35) 1,046 lf. 8-in. CMP;
- (36) 226 lf. 18-in. CMP;
- (37) 568 lf. 24-in. CMP;
- (38) 56 each, spillway assemblies;
- (39) 3,218 lf. 8-in. perf. metal pipe;
- (40) 780 c.y. rock filling material;
- (41) 1,308 lf. part circle C M cross drains;
- (42) 183 lf. remove, clean and relay existing pipe culverts;
- (43) 100 lf. remove, clean and salvage existing pipe culverts;
- (44) 10 each, remove and reset existing spillway assemblies;
- (45) 1,140 lf. laminated guard railing;
- (46) 230 lf. remove and reset existing guard railing;
- (47) 457 each, remove and reset existing guide posts;
- (48) 84 each, remove and reset existing culvert markers;
- (49) 71 each, culvert markers;
- (50) 2.4 miles, remove and reset existing property fences;
- (51) 2 sections pave. crossing devices, Type B-10;
- (52) 300 lbs. misc. iron and steel;
- (53) 390 lbs. bronze expansion plates;
- (54) 1 lot misc. items of work;
- (55) 250 lf. temporary railing;
- (56) 137,300 each, ice plants;

ALTERNATE ITEMS

- (Alternate "A")
- (57) 360 lf. furnish cast in place conc. piles, type not requiring mandrel;
 - (58) 18 each, driving steel shells, type not requiring mandrel;
- (Alternate "B")
- (59) 360 lf. furnish cast in place concrete piles, mandrel type;
 - (60) 18 each, driving steel shells, mandrel type;
- (Alternate "C")
- (61) 360 lf. furnish precast concrete piles;
 - (62) 18 each, driving precast conc. piles.

NOTE: A bidder is required to submit a bid on one Alternate, and may, but is not required to, submit bids on all the Alternates.

The contract will be awarded unless all bids are rejected to the lowest responsible bidder for the work as a whole, irrespective of the Alternate on which his bid is based.

CONTRACTS AWARDED

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, Olympia, Wash., awarded the following contracts for bridge and highway construction:

STEVENS CO.: Clearing, grading, draining, surfacing and constructing a reinforced concrete and steel undercrossing on about 0.4 mile of Primary State Highway No. 3, G. N. Ry. Undercrossing near Clayton, Federal Aid Grade Crossing Project No. FAGH-16, in Stevens Co., involving about 20,740 c.y. of excavation, 2,540 c.y. of selected roadway borrow, 476 c.y. of treated timber and lumber, 34,460 lbs. of steel reinf. bars, 14,000 lbs. of structural steel, 1,582 lf. of cable guard rail design No. 6, 296 lf. of pipe culverts and other items. Awarded: Roy L. Bair, 1220 Ide St., Spokane, at \$36,668.

KING COUNTY: Clearing, grading, draining, surfacing and constructing a reinforced concrete girder bridge and pile and timber trestle bridge on about 0.9 mile of Primary State Highway No. 5, Summit Federal Aid Grade Crossing Project No. FAGS 19-B, in King County, involving about 6 acres of clearing, 39,050 c.y. of excavation, 7,570 c.y. of selected roadway borrow, 1,510 c.y. of crushed stone surfacing, 348 c.y. of concrete, 101,000 lbs. of steel reinforcing bars, 1,600 lbs. of structural steel, 4,256 lf. of cable guard rail design No. 6, 170 lf. of pipe culverts and other items.

Awarded: L. Coluccio, 1638 Lane St., Seattle, at \$41,950.

MASON COUNTY: Clearing, grading, draining, surfacing and constructing a treated pile and timber trestle with ballasted deck on about 0.5 mile of Primary State Highway No. 9, Jorsteds Creek North, Federal Aid Project No. 136-J, in Mason Co., involving about 1 acre of clearing, 38,190 c.y. of excavation, 950 c.y. of crushed stone surfacing, 731 c.y. of sack riprap, 73 MEM of treated timber and lumber, 1,850 lf. of treated timber piling, 186 lf. of pipe culverts and other items.

Awarded: Allen & Govan, Olympia at \$32,192.

GRAYS HARBOR CO.: Clearing, grading, draining and surfacing of about 5.1 miles of Primary State Highway No. 9, Cook Creek Hill to Quinalt, Federal Aid Project No. 43-B, in Grays Harbor County, involving about 23 acres of clearing, 49,280 c.y. of excavation, 36,710 c.y. of selected roadway borrow, 2,930 c.y. of shoulder material, 11,690 c.y. of crushed stone surfacing, 95 c.y. of concrete, 13,300 lbs. of reinforcing bars, 1,927 lf. of pipe culverts and other items.

Awarded: K. L. Goulte, 212 West Hudson, Seattle, \$99,919.

SKAMANIA CO.: Constructing a reinforced concrete T-beam bridge on a portion of Primary State Highway No. 8, Rock Creek Bridge near Stevenson, State Project, in Skamania County, involving about 380 c.y. of excavation, 603 c.y. of concrete, 135,000 lbs. of steel reinforcing bars, 3,200 lf. of steel piling, 2,500 c.y. of riprap and other items.

Awarded: Union Const. Co. at \$39,480.

ADAMS COUNTY: Grading, draining and surfacing of about 10.5 miles of Primary State Highway No. 18, Grant County Line to Ritzville, Section 1, State Project, in Adams Co., involving about 397,500 c.y. of excavation, 63,840 c.y. of selected rdwy. borrow, 3,030 c.y. of shoulder material, 37,600 c.y. of crushed stone surfacing, 71 c.y. of concrete, 12,360 lbs. of steel reinf. bars, 22,253 lf. of cable guard rail design No. 6, 29

BRIDGE CONSTR., GRADING & SURF.—(State)

MBM of treated and 1 MBM of untreated timber and lumber, 3,225 lf. of pipe culverts and other items.

Awarded: Warren Northwest, Inc., P. O. Box 5072, Portland, at \$191,898.

ADAMS COUNTY: Grading, draining and surfacing of about 10 miles of Primary State Highway No. 18, Grant County Line to Ritzville, Section 2, State Project, in Adams Co., involving about 283,350 c.y. of excavation, 60,800 c.y. of selected rdwy. borrow, 2,990 c.y. of shoulder material, 35,930 c.y. of crushed stone surfacing, 4,560 c.y. of mineral aggregate (oil rock) 94 c.y. of concrete, 16,420 lbs. of steel reinf. bars, 21,955 lf. of cable guard rail design No. 6, 10 MBM treated timber and lumber, 2,325 lf. of pipe culverts and other items.

Awarded: Erickson Paving Co., 1550 N 34th, Seattle, at \$170,631.

LINGOLLY & ADAMS COS.: Surfacing and stockpiling crushed stone surfacing material and constructing a light bituminous surface treatment on about 27.5 miles of Secondary State Highway No. 4-B, Odessa to Lind, State Project, in Lincoln and Adams Cos., involving about 20,100 c.y. of crushed stone surfacing, 602 tons of bituminous cement and other items.

Awarded: Norris Brothers, Burlington, at \$44,849.

ADAMS COUNTY: Manufacturing and stockpiling crushed stone surfacing material and constructing a light bituminous surface treatment on about 25.2 miles of Secondary State Highway No. 11-E, Ritzville to Washitucna, State Project, in Adams County, involving about 11,450 c.y. of crushed stone surfacing in stockpiles, 610 tons of bituminous cement and other items.

Awarded: Norris Brothers, Burlington, at \$33,825.

THURSTON, Grays Harbor and Mason Cos.: Manufacturing and stockpiling crushed stone surfacing on Secondary State Highways Nos. 1-M and 9-D; Section 1, Secondary State Highway No. 1-M, Rochester North and Section 2, Secondary State Highway No. 9-D, McCleary to Kamliche, State Project, in Grays Harbor, Thurston and Mason Counties, involving about 5,340 c.y. of crushed stone surfacing.

Awarded: Joslin & McAllister, N. 303 Haven, Spokane, at \$93,255.

PACIFIC CO.: Clearing, grading, draining, surfacing and constructing a light bituminous surface treatment and seal coat on about 7.6 miles of Primary State Highway No. 12, Johnson's Landing to Bear River Dyke, State Project, in Pacific Co., involving about 14 acres of clearing, 15,270 c.y. of excavation, 20,410 c.y. of ballast, 21,710 c.y. of crushed stone surf., 1,440 c.y. of mineral aggregates (oil rock), 285 tons of bituminous cement, 2,000 c.y. of riprap, 969 lf. of pipe culverts and other items.

Awarded: Homer Johnson, Imperial Hotel, Portland, at \$98,230.

29

FLOOD DAMAGE

LOS ANGELES CO., Cal.—County Road Commissioner Geo. W. Jones and Assistant County Road Commissioner O. F. Cooley have completed a preliminary survey of storm damage to county roads, showing miles of roadway on map, percentage to be rebuilt or repaired, miles to be rebuilt or repaired, and the estimated cost of repairs or reconstruction. Of 243.5 miles included in the survey, 115.4 miles will require repairs or reconstruction, amounting to a total cost of \$1,221,000.

29

MARIN CO., Cal.—Albert H. Siemer and John Carcano, 122 Clorinda Ave., San Rafael, at \$17,220.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a timber bridge with concrete deck across Stemple Creek, about one mile north of Tomales, consisting of eleven 19-ft. spans and road-mix surface treatment, Marin County.

- Work involves:
- (1) 4,600 c.y. rdwy. excav., unclass.;
 - (2) 275 c.y. struc. excav.;
 - (3) 770 c.y. imported surf. material;
 - (4) 13 sta. finishing rdwy.;
 - (5) 20 tons liquid asphalt, SC-3 prime coat and road mix surf. treatment;
 - (6) 2,400 sq. yds. preparing mix and shaping roadbed;
 - (7) 22,000 lbs. bar reinf. steel;
 - (8) 225 c.y. Class A portland cement conc. struc.;
 - (9) 41 MFBM redwood timber, dense select all-heart struc. grade;
 - (10) 25 MFBM do, select all-heart struc. grade;
 - (11) 56 lf. 18-in. CMP;
 - (12) 0.5 mile new property fence;
 - (13) 4 each drive gates, 16-ft.;
 - (14) 8 each monuments;
 - (15) 1 existing bridge removed and disposed of;
 - (16) 1 lot misc. items of work.
- The State will furnish CMP and

- band couplers, etc.
- Total bids follow:
- (A) Albert H. Siemer and John Carcano, 122 Clorinda Ave., San Rafael—\$17,220.50.
 - (B) Peter J. McHugh, San Francisco—\$17,942.05.
 - (C) Franzini & Fredenburg, San Rafael—\$18,372.25.
 - (D) Helwig Construction Co., Sebastopol—\$18,656.50.
 - (E) E. A. Forde, San Anselmo—\$19,055.50.
 - (F) Valley Construction Co., San Jose—\$19,859.50.
 - (G) Pacific States Construction Co., San Francisco—\$19,931.
 - (H) A. Soda & Son, Oakland—\$20,503.00.
 - (I) F. J. Maurer & Son, Inc., Eureka—\$20,530.
 - (J) Palo Alto Road Materials Co., Palo Alto—\$20,564.
 - (K) Parish Bros., Los Angeles—\$20,735.00.
 - (L) Chas. L. Harney, San Francisco—\$20,743.50.
 - (M) B. A. Hawkins & Co., San Francisco—\$20,840.
 - (N) Clausen & Corfield, Berkeley—\$20,842.38.
 - (O) Lee J. Immel, Berkeley—\$21,063.00.
 - (P) Claude C. Wood, Stockton—\$21,680.00.
 - (Q) C. C. W. and H. H. Haun, San Francisco—\$21,785.
 - (R) E. T. Lesure, Oakland—\$23,769.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 0.35	\$ 0.34	\$ 0.60	\$.65	\$ 0.50	\$ 0.40	\$ 0.45	\$ 0.55
(2).....	1.60	1.25	1.75	1.50	1.00	2.00	3.00	3.00
(3).....	1.00	.63	.80	1.50	1.25	1.25	1.00	3.00
(4).....	15.00	15.00	10.00	10.00	5.00	9.00	5.00	10.00
(5).....	22.00	14.00	25.00	25.00	15.00	25.00	16.00	18.00
(6).....	.22	.32	.10	.20	.05	.06	.12	.05
(7).....	.06	.06	.0675	.06	.06	.06	.0675	.06
(8).....	17.50	20.00	22.00	20.00	25.00	18.00	24.00	17.00
(9).....	100.00	98.00	95.00	92.00	110.00	130.00	120.00	110.00
(10).....	100.00	99.00	95.00	90.00	106.00	130.00	110.00	100.00
(11).....	1.00	.70	.50	.75	.50	1.00	1.00	1.00
(12).....	500.00	450.00	1056.00	500.00	500.00	800.00	500.00	900.00
(13).....	25.00	22.00	20.00	40.00	20.00	25.00	20.00	30.00
(14).....	3.00	2.50	3.00	3.00	2.50	3.00	3.00	4.00
(15).....	450.00	550.00	300.00	250.00	300.00	500.00	300.00	600.00
(16).....	500.00	1500.00	200.00	200.00	250.00	500.00	300.00	815.00

(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
\$ 0.70	\$ 0.55	\$ 0.55	\$ 0.45	\$ 0.55	\$ 0.70	\$ 0.75	\$ 0.75	\$ 0.80	\$ 0.85
3.00	.92	4.00	2.90	5.00	5.75	1.50	3.00	4.00	2.50
1.00	1.10	1.00	1.50	2.85	1.35	2.10	3.00	1.00	2.00
10.00	25.00	15.00	10.50	11.00	11.00	6.00	5.00	11.00	20.00
30.00	20.00	30.00	30.00	22.00	20.00	20.00	25.00	20.00	20.00
.20	.30	.08	.21	.10	.10	.08	.15	.08	.20
.06	.065	.06	.056	.065	.06	.06	.06	.055	.07
24.00	18.00	23.00	20.00	21.00	20.00	20.50	24.00	22.00	25.00
105.00	115.00	120.00	125.00	115.00	113.00	122.00	95.00	120.00	109.00
100.00	110.00	115.00	116.50	100.00	112.00	119.00	95.00	120.00	105.00
1.00	1.00	1.00	2.25	1.00	.50	.50	1.00	1.00	2.00
600.00	660.00	500.00	1190.00	850.00	775.00	540.00	1000.00	700.00	45.00
25.00	22.00	30.00	25.00	25.00	30.00	24.00	25.00	35.00	35.00
3.00	5.00	4.00	5.00	4.00	3.50	3.00	3.00	3.00	7.00
500.00	400.00	300.00	450.00	300.00	100.00	350.00	200.00	450.00	900.00
400.00	250.00	300.00	400.00	500.00	302.00	230.00	300.00	400.00	800.00

BIDS WANTED

INYO CO., Cal.—Until March 30, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works, Bldg., Sacramento, for grading and placing road-mix surfacing on about 1.5 miles at Independence, Inyo Co., Cal.

- Work involves:
- (1) 50 M. gals. water;
 - (2) 2,750 c.y. roadway excavation, without classification;
 - (3) 570 c.y. struc. excav.;
 - (4) 6,100 sta. yds. overhaul;
 - (5) 150 c.y. import borrow;
 - (6) 75 sta. finishing roadway;
 - (7) 27 tons liq. asphalt, SC-2 (prime coat);
 - (8) 955 c.y. salvaged mineral aggregate road-mix surf.;

- (9) 1,590 c.y. min. aggreg. road-mix surf.;
 - (10) 165 tons liq. asphalt, SC-3 (road-mix surf.);
 - (11) 22 tons liq. asphalt, MC-3 (seal coat);
 - (12) 195 tons sand (seal coat);
 - (13) 1,700 lbs. bar reinf. steel;
 - (14) 16,900 lbs. misc. iron and steel;
 - (15) 21 c.y. class A portland cement conc. strucs.;
 - (16) 976 lf. 18-in. CMP;
 - (17) 12 lf. 24-in. CMP;
 - (18) 2 each, remove and reset existing culvert headwalls;
 - (19) 8 each, culvert markers;
 - (20) 8 each, monuments.
- Plans and specifications may be obtained from the above office. * 29

FLOOD DAMAGE

LOS ANGELES, Cal.—City Engineer Lloyd Aldrick has completed a preliminary survey of storm damage of streets, highways, paving, sanitary sewers, storm drains, bridges and structures, and necessary clean-up work. The total estimated cost of rebuilding or repairing this damage, based on permanent reconstruction, amounts to \$3,540,542. * 29

CONTRACT AWARDED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell Street, San Francisco, at \$1560, awarded contract by the Department of Public Works, Room 251, City Hall, for the construction of sidewalks on the north half of Agua Way, between Teresita Blvd. and Chavis Avenue, and other locations, San Francisco. * 29

CONTRACT AWARDED

CENTRAL VALLEY PROJ., Cal.—The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$45,949, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 767, for the construction of street, driveway and sidewalk grading and surfacing and sewer and water systems for the Government camp at Shasta Dam, Central Valley Project, Cal. * 29

BIDS OPENED

SAN BERNARDINO, Cal.—R. A. Watson, 1026 N. McCadden Pl., Los Angeles, at \$13,629.20, submitted the low bid to the San Bernardino City Council for widening and improving D St., between Third and Fifth Sts., involving:

- (1) 2366 ft. 16-in. concrete curb;
- (2) 16,833 sq. ft. 4-in. walk;
- (3) 17,322 sq. ft. 6-in. gutter;
- (4) 562 ft. 3-ft. span reinf. concrete culvert;
- (5) 120 ft. 3¼-ft. span reinforced concrete culvert.

The bids were:
R. A. Watson—(1) \$60, (2) \$22, (3) \$26, (4) \$17, (5) \$17, (6) \$3,204.78; total, \$13,629.20.

Oswald Bros.—(1) \$55, (2) \$14, (3) \$206, (4) \$610, (5) \$630, (6) \$3800; total \$15,210.45; grading, \$1460.
Geo. Herz & Co.—(1) \$54, (2) \$16, (3) \$20, (4) \$650, (5) \$700, (6) \$4000; total, \$15,928.32; grading, \$2700; paving, \$12.

W. D. Bohan—(1) \$70, (2) \$18, (3) \$24, (4) \$750, (5) \$775, (6) \$3415; total \$17,403.42.

Harry Rouse—(1) \$72, (2) \$18, (3) \$25, (4) \$800, (5) \$10, (6) \$4028.04; total, \$18,787.96.

*16 4-in. walk, 22c 6-in. walk.
NOTE: Paving not included—to be done later by the city. * 29

CONTRACT AWARDED

LONG BEACH, Cal.—Griffith Co., 1060 S. Broadway, Los Angeles, at \$4460 awarded contract by the Public Works Officer, Lt.-Comdr. L. N. Moeller, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8642, for asphaltic concrete paving at the 11th Naval District (Naval Reserve Aviation Base), Long Beach. * 29

CONTRACT AWARDED

OAHU, T. H.—E. E. Black Ltd., Honolulu, at \$164,261.65 submitted the low bid and was awarded contract by the Territorial Highway Department, Honolulu, for construction of the Wahiawa-Walalua Road and the Kamehameha Highway, Oahu, T. H.
Total bids follow:
E. E. Black Ltd., Honolulu \$164,261.65
Moses Akiona 176,235.50
Hawaiian Contr. Co., Ltd. 178,965.93
George Hess 195,217.79
Walker & Olund, Ltd. 204,314.65 * 29

CONTRACT AWARDED

HONOLULU, T. H.—Jas. W. Glover Honolulu, at \$113,644.25 submitted the low bid and was awarded contract by the Territorial Highway Department, Honolulu, for construction of the Lahaina-Waikolu Road.

Total bids follow:
Jas. W. Glover, Honolulu \$113,644.25
Moses Akiona 115,614.35
E. E. Black, Ltd. 122,305.40
Hawaiian Contr. Co. 137,931.00
Walker & Olund, Ltd. 149,078.00
George Hess 162,562.00

FLOOD DAMAGE

PASADENA, Los Angeles Co., Cal.—City Engineer Harvey M. Hincks reports storm damage to streets in Pasadena amounting to \$4000. The necessary reconstruction includes South Arroyo Blvd., washed out between Holly Street and the Linda Vista bridge; extensive repairs to West Washington, West Howard,

and Seco streets, Salvia Canyon road and East and West Drives in Arroyo Seco. * 29

30—RESERVOIRS & DAMS

COMPLETE BIDS

UMATILLA CO., Ore.—Homer G. Johnson, Imperial Hotel, Portland, Ore., at \$20,920, submitted low bid to the U. S. Engineer Office, Bonaville, Oregon, under Bid No. 69-38-247, for extending, raising and strengthening existing levee betw. the Round-up grounds and sewage disposal plant along Umatilla River at Pendleton, Ore.

- Work involves:
(1) lump sum, clearing and grubbing;
(2) 8700 c.y. excav. for rock tie;
(3) 27,100 c.y. borrow excav.;
(4) 9000 tons rock toe protection;

(Continued on Next Page)

LOS ANGELES CO.—SUBWAY, BRIDGES, GRADING—

LOS ANGELES COUNTY, Cal.—J. E. Haddock, Ltd., 357 North Chester Ave., Pasadena, at \$109,837.40 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of an equestrian and pedestrian subway, two bridges, surfacing approaches with Portland Cement concrete, asphalt concrete and bituminous macadam, and grading about 0.2 mi. of roadway on Arroyo Seco parkway, between Arroyo Seco channel and Grand Avenue, Los Angeles Co., Calif.

- Work involves:
(1) 13 sta. clear and grubb right of way;
(2) 1200 M. gals. water;
(3) 1100 c.y. remove conc.;
(4) 63,500 c.y. roadway excav., without class;
(5) 6,600 c.y. struc. excav.;
(6) 150,000 sta. yds. overhaul;
(7) 2,300 sq. yds. preparing subgrade;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 20.00	\$ 10.00	\$ 20.00	\$ 50.00	\$ 50.00	\$ 20.00
(2)	.60	.35	1.00	.80	.30	1.00
(3)	1.70	.70	1.10	1.00	1.10	2.00
(4)	.19	.22	.20	.21	.18	.235
(5)	.80	.70	7.00	1.00	1.05	.75
(6)	.005	.005	.003	.001	.005	.01
(7)	.13	.12	.15	.12	.10	.12
(8)	10.00	7.00	10.00	10.00	10.00	15.00
(9)	3.40	2.65	2.50	3.00	4.00	3.00
(10)	28.85	20.00	20.00	23.00	20.00	30.00
(11)	3.25	2.60	3.25	2.50	2.60	3.00
(12)	12.40	14.00	14.00	13.00	11.00	17.00
(13)	8.40	7.00	12.00	9.00	8.00	8.50
(14)	.12	.13	.15	.12	.12	.14
(15)	.048	.046	.05	.047	.05	.05
(16)	18.00	18.55	17.00	18.25	18.70	16.35
(17)	7.90	7.60	7.00	8.00	7.00	8.00
(18)	7.90	7.60	7.00	8.00	7.00	8.00
(19)	.30	.44	.50	.40	.50	.50
(20)	5.60	7.30	7.00	6.00	6.60	5.15
(21)	6.50	3.25	8.00	7.00	7.00	8.15
(22)	.90	1.30	1.00	.90	1.00	1.75
(23)	1.40	1.50	1.25	1.50	1.50	3.00
(24)	1.80	1.80	1.75	1.70	2.00	3.00
(25)	2.20	2.20	2.10	2.20	2.20	3.50
(26)	2.70	2.60	2.50	2.60	2.50	4.50
(27)	3.25	3.55	3.50	3.10	3.50	5.00
(28)	5.45	5.55	5.50	4.90	5.00	7.00
(29)	90.00	65.00	90.00	50.00	60.00	75.00
(30)	.90	.88	1.00	.80	1.00	1.20
(31)	3.60	3.40	2.50	3.50	3.00	3.75
(32)	6.50	2.75	3.00	3.00	3.50	4.50
(33)	5.50	6.00	7.00	7.00	7.00	7.50
(34)	15.00	16.00	20.00	15.00	14.00	15.00
(35)	12.75	12.00	12.00	12.00	12.00	15.00
(36)	1.00	1.00	1.00	1.00	1.00	1.00
(37)	.80	.75	1.00	.80	1.00	.80
(38)	40.00	20.00	30.00	30.00	30.00	30.00
(39)	4.75	4.95	5.00	5.00	5.00	5.00
(40)	.13	.13	.15	.13	.12	.14
(41)	1000.00	900.00	1500.00	900.00	900.00	1500.00
(42)	500.00	335.00	1800.00	1000.00	600.00	1200.00

- (4) 900 cu. yd. struc. excav. for do;
- (5) 2600 cu. yd. backfill for tide boxes, in place;
- (6) 3.5 MFEM treated lumber, in place;
- (7) 16.5 MFEM treated tongue and groove sheet piling, in place;
- (8) 480 lf. treated round piling, in place;
- (9) 46 lf. 24-in. dia. continuous wood stave pipe, in place;
- (10) 52 lf. 36-in. dia. do;
- (11) 38 lf. 42-in. dia. do;
- (12) 66 lf. 48-in. dia. do;
- (13) one 24-in. dia. circular automatic drainage gate, in place;
- (14) one 36-in. dia. do;
- (15) one 42-in. dia. do;
- (16) one 48-in. dia. do;
- (17) 4,800 lf. untreated round piling for pile bulkhead, in place;
- (18) 3.84 MFEM waling for pile bulkhead, in place;
- (19) 1200 lf. cable and fastenings, for pile bulkhead, in place.

SECTION "C"

- (20) 11 acres stripping;
- (21) 31,000 c.y. levee embankment, bucket dredge, in place;
- (22) 32,720 c.y. levee embankment, dragline, in place;
- (23) 4,000 cu. yds. levee embankment, truck haul, in place.

SECTION "D"

- (24) 2 acres bank clearing for rip-rap;
 - (25) 2,400 c.y. bank sloping;
 - (26) 7,500 c.y. rip-rap, in place.
- Plans and specifications may be obtained from the above office upon deposit of \$5.00. 30

BIDS WANTED

PLACER CO., Cal.—Until Apr. 5, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-35-220, for the construction of a concrete arch dam at the North Fork site on the North Fork of the American River, Placer Co., Cal.

- Work involves:
- (1) Lump sum, clearing dam site area;
 - (2) Lump sum, diverting and care of river during construction and unwatering foundations;
 - (3) 23,000 c.y. excav. above elevation 600.00;
 - (4) 5,000 c.y. excav. below elevation 600.00;
 - (5) 350 lf. drilling grout holes less than 25 feet deep;
 - (6) 700 lf. drilling grout holes, 25 ft. to 40 ft. deep;
 - (7) 300 lf. drilling grout holes, over 40 ft. deep;
 - (8) 29,400 bbis. hauling and storing cement and admixtures;
 - (9) 3,000 lbs. furnishing and installing pipe and fittings for foundation and tunnel grouting;
 - (10) 6,600 lbs. furnishing and installing pipe and fittings for radial contraction joint grouting;
 - (11) 160 cu. ft. pressure grouting other than radial contraction joints in dam;
 - (12) 280 cu. ft. pressure grouting radial contraction joints in dam;
 - (13) 200 c.y. concrete in tunnels, Class B;
 - (14) 28,000 c.y. concrete in dam, Class B;
 - (15) 250 c.y. concrete in retaining walls, Class B;
 - (16) 140 c.y. concrete in aeration piers, Class A;
 - (17) 14,700 lbs. furnishing and placing steel reinforcement;
 - (18) 2,500 lbs. furnishing and placing copper water stops in radial contraction joints;
 - (19) 1,600 lbs. furnishing and placing galv. iron grout stops in radial contraction joints;

- (5) 9600 tons riprap.
- Total bids follow:
- (A) Homer G. Johnson, Imperial Hotel, Portland, Oregon—\$20,920.
 - (B) E. L. Gates, Portland—\$24,428.
 - (C) A. B. Carscallen, Coeur D'Allene, Idaho—\$25,840.
 - (D) Jacobsen-Jensen Co., Portland—\$26,690.
 - (E) Colonial Constr. Co., Spokane, Wash.—\$28,450.
 - (F) C. T. Malcom, Portland—\$33,080.
 - (G) Edlersen-Weygandt Co., Portland—\$36,981.
 - (H) Government estimate—\$37,470.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(A).....	\$300.00	\$0.15	\$0.25	\$0.70	\$0.65
(B).....	1500.00	23	23	.79	.79
(C).....	1500.00	25	25	.90	.90
(D).....	2000.00	30	30	.75	.75
(E).....	1000.00	45	25	.90	.90
(F).....	1000.00	20	40	1.10	1.10
(G).....	850.00	22	37	1.35	1.15
(H).....	890.00	.50	.40	1.15	1.15

- (27) 96 lf. 24-inch CMP;
- (28) 70 lf. 30-inch CMP;
- (29) 190 lf. 36-inch CMP;
- (30) 1 each, 48- to 36-in. CMP taper;
- (31) 310 lf. 8-inch perf. metal pipe underdrains;
- (32) 20 c.y. rockfilling material underdrains;
- (33) 170 lf. 12-in. cast iron pipe;
- (34) 170 lf. 20-in. cast iron pipe;
- (35) 2 each, spillway assemblies;
- (36) 190 c.y. Class A portland cement concrete curbs, gutters, sidewalks;
- (37) 90 lf. curb armor;
- (38) 1,300 lf. chain link fence;
- (39) 2 each, 4-ft. walk gates;
- (40) 520 sq. yds. suspended ceiling;
- (41) 1 lot lighting equipment;
- (42) 1 lot misc. items of work.

Total bids follow:

(A) J. E. Haddock, Ltd., 357 North Chester Ave., Pasadena, \$109,837.40.

(B) Oscar Oberg, Los Angeles, \$110,848.95.

Unit prices follow:

	(G)	(H)	(I)	(J)
	\$ 11.50	\$ 10.00	\$ 11.30	\$ 20.00
	1.00	1.00	.75	.75
	2.13	2.00	1.50	2.50
	.31	.205	.31	.25
	.75	1.50	.82	1.50
	.005	.006	.01	.01
	.12	.15	.12	.10
	10.00	5.00	10.00	5.00
	2.40	3.00	3.00	2.00
	21.00	25.00	25.00	22.00
	2.50	3.50	3.35	2.60
	14.00	14.00	12.50	13.00
	9.50	9.00	9.00	8.00
	.14	.13	.25	.15
	.05	.053	.05	.055
	16.00	18.00	16.00	16.50
	8.25	8.00	8.50	7.50
	8.25	8.00	8.50	7.50
	.50	.50	.42	.50
	6.50	4.60	6.80	6.00
	7.50	6.50	7.56	7.50
	.80	1.00	.78	1.00
	1.40	1.50	1.28	1.50
	1.62	1.75	1.46	2.00
	1.90	2.10	1.60	2.25
	2.50	2.60	2.17	3.00
	3.25	3.50	2.81	4.00
	5.00	5.50	5.18	6.00
	65.00	30.00	12.00	60.00
	.80	.90	.75	1.00
	5.00	3.00	5.00	3.00
	4.25	2.60	3.00	3.00
	8.25	5.65	5.75	6.25
	20.00	15.00	20.00	15.00
	12.00	12.00	18.00	15.00
	1.00	1.25	1.00	.80
	1.00	.90	1.00	.80
	35.00	30.00	31.00	25.00
	5.00	5.50	5.00	2.925
	.16	.14	.13	.15
	1050.00	1150.00	1000.00	850.00
	1200.00	1200.00	400.00	1500.00

BIDS WANTED

CLATSOP COUNTY, Ore.—Until March 22, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 693-38-424, for the reconstruction of approximately 13,950 lf. of levee, removal of six existing tide boxes, construction of four continuous wood stave pipe tide boxes equipped with circular automatic drainage gates, approximately 1,550 lf. of drainage ditches, approximately 4,520 lf. of rock riprap revetment and if necessary of pile bulkheads, all situated in Diking Districts No. 2 and No. 5, Clatsop County, about two miles south of the city of Astoria, Ore.

- Work involves:
- SECTION "A"
- (1) 13 acres clearing and grubbing;
 - (2) 230 c.y. excavation, for drainage ditches;
 - (3) 1850 c.y. excavation, for tide boxes;

- (C) Bverts & Dunn, Los Angeles, \$112,629.25.
- (D) Claude Fisher Co., Ltd., Los Angeles, \$112,886.85.
- (E) Griffith Co., Los Angeles, \$113,251.00.
- (F) United Concrete Pipe Corp., Los Angeles, \$114,211.65.
- (G) W. E. Hall Co., Alhambra, \$116,959.68.
- (H) C. O. Sparks & Mundo Engr. Co., Los Angeles, \$117,152.10.
- (I) Cargo Bongiovanni, Hollywood, \$118,049.30.
- (J) Minnis-Moody & Werner-Webb, Los Angeles, \$119,945.25.
- (K) Geo. J. Bock Co., Los Angeles, \$120,930.78.
- (L) Fred E. Potts Co., Los Angeles, \$121,716.00.
- (M) John Strona, Pomona, \$123,885.00.
- (N) Oswald Bros., Los Angeles, \$130,892.85.

Unit prices follow:

	(K)	(L)	(M)	(N)
	\$ 30.00	\$ 20.00	\$ 90.00	\$ 19.20
	1.00	.75	1.00	.75
	1.40	.70	1.00	1.25
	.25	.30	.20	.17
	.80	1.00	1.50	1.10
	.004	.005	.01	.006
	.11	.10	.10	.10
	8.00	10.00	10.00	12.50
	3.00	3.00	3.00	2.70
	21.00	20.00	20.00	24.50
	3.00	3.00	2.50	3.30
	18.00	15.00	20.00	12.00
	8.30	9.00	7.50	8.30
	.12	.15	.11	.14
	.0475	.05	.0495	.058
	19.60	19.00	20.00	23.00
	7.75	8.00	8.00	8.40
	7.75	8.00	8.00	9.40
	.50	.50	.40	.45
	7.20	6.00	5.80	7.30
	7.75	7.00	6.70	8.50
	1.00	.80	1.03	1.15
	1.50	1.50	1.75	1.80
	1.80	1.60	1.90	2.45
	2.30	2.00	2.15	2.65
	2.90	2.50	2.75	3.40
	3.60	3.00	3.45	4.00
	5.70	5.00	5.40	6.50
	60.00	60.00	75.00	60.00
	1.00	.80	1.00	1.10
	2.40	3.00	3.00	3.20
	3.00	5.00	3.10	3.60
	6.50	8.00	6.50	7.70
	15.00	13.00	14.00	12.60
	12.35	11.00	12.00	12.80
	1.00	1.00	1.00	.96
	.85	1.00	.95	1.15
	30.00	28.00	30.00	36.00
	5.00	5.00	4.60	5.90
	.15	.15	.18	.155
	1100.00	1000.00	910.00	1000.00
	2000.00	746.00	3000.00	700.00

- (20) 150 l.f. furnishing and installing 4-in. diam. C.I. pipe drains;
- (21) 32 each, installing strain gages;
- (22) 11 each, installing resistance thermometers;
- (23) 480 l.f. furnishing and installing 1/2-in. diam. electrical metal conduit;
- (24) 1260 l.f. furnishing and installing 3/4-in. diam. electrical metal conduit;
- (25) 550 l.f. furnishing and installing 1-in. diam. electrical metal conduit;
- (26) 480 l.f. furnishing and installing 1 1/4-in. diam. electrical metal conduit;
- (27) 24 each, furnishing and installing electrical condulets;
- (28) 15,500 l.f. furnishing and installing No. 16 gage, 2-wire, electric cable;
- (29) one each, furnishing and installing electrical conduit outlet cabinet;
- (30) one job, furnishing and installing outlet structure, complete, including slide gate, frame, lifting device, trash rack, handrail, portable guards, ladder and appurtenances;
- (31) 5600 sq. ft. finishing concrete surface of spillway crest.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 30

31—PIPE LINES & WELLS

BIDS WANTED
 MODOC COUNTY, Cal.—Until Mar 22 bids will be received by the Department of Agriculture, Washington, D. C., for drilling, casing and completing a well at Tule Lake Wildlife Refuge, Modoc County. * 31

BIDS WANTED
 ALAMEDA, Cal.—Until March 18, 11 a.m., bids will be received by the Public Works Office, Twelfth Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8697, for inspection and repairs to pump and well at the Naval Air Station, Alameda, Cal. Work includes the inspecting, repairing, testing and restoring to operating condition an existing 12-in. well and pump.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED
 HILLSBORO, Washington Co., Ore.—Geo. Schmitt Constr. Co., Portland, Ore., at \$12,700.60, submitted low bid to E. M. Bowman, City Recorder, for the industrial and domestic sewer extensions to Sanitary Sewage System, PWA Docket 1108-R, Hillsboro, Washington County, Oregon.

Total bids follow:
 Geo. Schmitt Constr. Co., Portland\$12,700.60
 Geo. W. Lind, Portland..... 13,994.25
 Superior Constr. Co., Seattle 14,262.95
 Leonard & Slate, Multnomah 14,525.35 * 32

BIDS WANTED
 SAN MATEO, San Mateo Co., Cal.—Until March 21, 8 P. M., bids will be received by the San Mateo City Council, City Clerk, City Hall, for the construction of sanitary sewers in Bell Street, 38-1, San Mateo.
 Work involves:
 (1) 995 ft. 6-in. vit. clay pipe;
 (2) 31 6x4 wye branches;

- (3) 5 manholes;
 - (4) 450 sq. ft. pavement replaced.
- Plans and specifications may be obtained from the above office. * 32

33— WATER WORKS

FLOOD DAMAGE
 PASADENA, Los Angeles Co., Cal.—City Engineer Harvey H. Hincks has reported that storm damage to flood channels within the city amounts to \$950,000. This includes \$750,000 for a new channel in the Arroyo Seco between Devil's Gate dam and the Linda Vista bridge; and \$200,000 for a channel in Eaton Canyon within the city limits. * 33

MONTEREY COUNTY—GRADING—(State)

MONTEREY CO., Cal.—J. L. Conner, P.O. Box 49, Monterey, at \$15,317.16, submitted low bid to the State Div. of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for grading about 0.9 mi. between five miles and 5.9 miles west of Greenfield, Monterey County.

- Work involves:
 (1) cleaning and grubbing right of way;
 (2) 77,500 c.y. roadway excavation, unclassified;
 (3) 600 c.y. struc. excav.;
 (4) 550 c.y. ditch and channel excavation;
 (5) 90,000 sta. yds. overhaul;
 (6) 45 sta. finishing roadway;
 (7) 130 l.f. 8-in. CMP, 16 gage;
 (8) 64 l.f. 18-in. do;
 (9) 190 l.f. 24-in. CMP, 14 gage;
 (10) 90 l.f. 30-in. do.;
 (11) 76 l.f. 48-in. CMP, 12 gage;
 (12) 16 l.f. 48-in. CMP, 10 gage;
 (13) 238 l.f. 48-in. CMP, 8 gage;
 (14) 1 only, spillway assembly;
 (15) 50 l.f. clean and relay CMP pipe culverts.

Total bids follow:
 (A) J. L. Conner, P.O. Box 49, Monterey—\$15,317.16.
 (B) Young & Son, Ltd., Berkeley—\$16,802.70.
 (C) Mountain Constr. Co., Sacramento—\$17,435.00.

34— PARKS AND PLAY-GROUNDS

BIDS WANTED
 SELMA, Fresno Co., Calif.—Until March 30, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. P. O. at Selma.
 Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., at Selma.

BIDS WANTED
 MARTINEZ, Contra Costa Co., Cal.—Bids are now being received by the Custodian of the building for seeding the grounds of the U. S. P. O. at Martinez. * 34

- to—\$17,435.00.
 - (D) L. C. Karstedt, Watsonville—\$17,493.40.
 - (E) M. J. Ruddy, Modesto—\$17,640.58.
 - (F) Harms Bros., Litchfield—\$17,963.75.
 - (G) Granfield, Farrar & Carlin, San Francisco—\$19,623.50.
 - (H) Minnis & Moody, Los Angeles—\$19,997.30.
 - (I) Geo. K. Thompson & Co., La Canada—\$20,640.80.
 - (J) Chas. L. Harney, San Francisco—\$20,694.10.
 - (K) Valley Constr. Co., San Jose—\$21,750.90.
 - (L) N. M. Ball Sons, Albany—\$21,757.50.
 - (M) John Jurkovich, Fresno—\$22,724.00.
 - (N) Claude C. Wood, Stockton—\$23,156.70.
 - (O) Geo. J. Bock Co., Los Angeles—\$24,294.50.
 - (P) Guerin Bros., San Francisco—\$24,549.44.
 - (Q) Bodenhamer Constr. Co., Oakland—\$24,609.80.
 - (R) Silva & Hill and C. G. Willis, Los Angeles—\$25,177.60.
 - (S) Triangle Rock & Gravel Co., San Bernardino—\$28,676.96.
 - (T) Martin Bros. Trucking Co., Long Beach—\$31,045.40.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
400.0	200.0	250.0	350.0	200.0	100.0	400.0	150.00	650.00	1000.00	1000.00
	.13	.14	.145	.15	.15	1.375	.18	.17	.18	.17
	.75	1.00	.75	.75	1.00	1.25	1.00	1.00	.80	1.00
	.35	.50	.40	.75	1.00	1.00	.50	.75	.80	.60
	.004	.004	.003	.005	.005	.01	.004	.01	.004	.005
	3.00	5.00	4.00	5.00	6.00	4.00	5.00	5.00	5.00	5.00
	.90	1.00	1.00	1.00	1.06	1.00	.80	.90	1.00	1.00
	1.64	1.75	2.00	1.75	1.73	2.00	1.75	1.75	1.70	2.00
	2.44	2.70	3.00	2.75	2.52	3.00	2.50	2.70	2.60	3.25
	3.28	3.25	3.80	3.50	3.25	3.50	3.25	3.40	3.20	4.00
	6.84	7.10	8.00	7.25	6.84	7.50	7.00	6.75	6.90	8.80
	7.67	8.70	10.00	8.00	8.36	9.00	8.00	7.75	9.25	10.50
	9.43	10.30	11.50	9.00	9.54	11.00	10.00	9.60	10.20	11.60
	12.00	15.00	15.00	15.00	14.14	15.00	15.00	15.00	15.00	16.00
	.50	1.00	.75	.50	2.00	.75	.50	1.00	1.00	1.30
	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
	140.00	700.00	4000.00	300.00	600.00	250.00	300.00	490.00	600.00	375.00
	.195	.185	.15	.22	.21	.22	.24	.22	.254	.295
	.70	1.30	1.00	.90	.75	1.30	1.00	.75	2.00	1.00
	1.00	1.10	1.00	.50	.75	.75	.80	.75	2.00	.60
	.005	.005	.01	.005	.01	.005	.004	.01	.01	.005
	7.00	5.00	5.00	5.00	10.00	7.00	5.00	10.00	8.00	10.00
	1.00	1.00	1.00	1.00	1.00	1.33	1.00	1.10	2.00	1.25
	1.95	1.90	2.00	2.00	2.00	2.30	1.70	2.05	2.30	2.50
	3.05	3.00	3.00	2.70	3.00	3.43	2.50	3.25	3.20	3.75
	3.90	3.50	4.00	3.50	4.00	4.18	4.50	4.70	4.05	4.25
	8.10	7.60	7.00	7.40	9.00	8.70	7.00	10.00	7.46	10.50
	10.00	9.00	8.00	8.75	11.00	10.70	8.00	11.50	9.25	12.65
	11.25	11.50	12.00	10.35	13.00	12.58	9.50	12.80	10.85	14.50
	25.00	15.00	20.00	15.00	15.00	25.00	20.00	20.00	30.00	25.00
	2.00	1.00	2.00	1.00	1.00	1.25	.50	2.00	2.50	1.50

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

MARCH 15, 10 A. M.:
 BID NO. 5107: Mable; fob vendor's plan and/or Larkin and Beach Sts., San Francisco.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials, as follows:

MARCH 15, 10:00 A. M.:
 BID NO. 5114—245 tons crushed rock; f.o.b. Angel Island, Cal.
 BID NO. 5115—10,000 lbs. steel wire; f.o.b. Carmichael, Sacramento Co., Cal.
 BID NO. 5118—Furnish all metal toilet partitions; f.o.b. Tenth and Oak Sts., Oakland.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing miscellaneous supplies and materials, as follows:

MARCH 14, 10 A. M.:
 BID NO. 5113: 23,333 FBM Douglas fir lumber; fob 36th Ave. and Fulton St., San Francisco.
 MARCH 15, 10 A. M.:
 BID NO. 5116: Wall tile; fob Larkin and Beach Sts., San Francisco.
 MARCH 18, 10 A. M.:
 BID NO. 5109: 7.2 M. l.f. No. 8 AWG cable; fob shipping point and/or San Jose.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

MARCH 16, 10:00 A. M.:
 BID NO. 5122—Furnishing and delivering 9000 gals. of Diesel Oil, 25-27 gravity; f.o.b. Stockdale and Bakersfield, Cal.
 BID NO. 5125—10,000 ft. b.m. Dou-

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—
 GOVERNMENT ISLAND, Calif.—
 Until March 17, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5693, for the purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Redding.

las fir flooring; f.o.b. 1155 Page St., San Francisco.

BID NO. 5126—Redwood and Douglas fir lumber; f.o.b. San Joaquin County.

BID NO. 5127—Douglas fir lumber; f.o.b. Lombard and Kearny Sts., San Francisco.

BID NO. 5130—400 sacks Portland cement; f.o.b. Healdsburg, Sonoma Co., Cal.

MARCH 17, 10:00 A. M.:
 BID NO. 5128—Conduit, bushings, conduit ground clamps, and concrete and outlet boxes; f.o.b.

Sunset near Skyline Blvd., San Francisco.

BID NO. 5129—2300 lin. ft. galvanized conduit; f.o.b. Mission Playground, 19th and Angelica Sts., San Francisco.

MARCH 18, 10:00 A. M.:
 BID NO. 5123—300 lin. ft. culvert pipe and 6 band couplers; f.o.b. Corp. Yard, Santa Rosa.

BID NO. 5124—Corr. Metal pipe culvert and band couplers; f.o.b. Bakersfield, McFarland and Taft, Cal.

WAR DEPARTMENT

SAN FRANCISCO.—Until March 24, 10 A. M., bids will be received by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM W 6616-38-7, for surfacing materials, including: 50 tons of natural rock asphalt and 70 tons cut back asphalt; fob Letterman General Hospital, Presidio, San Francisco.

FORT MASON, Cal.—Until March 21, 30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-255, for 1000 packing boxes; fob Box Factory, Fort Mason.

FORT MASON, Cal.—Until Mar. 16, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-235, for furnishing miscellaneous parts for Wright - Hibbard trucks; fob Warehouse "D", Fort Mason, San Francisco.
 drated lime; fob Moscow Street

FORT MASON, Cal.—Until March 23, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-259, for furnishing flexible shaft handle unit, bearing; radiator fluid, shock absorber fluid, copper tubing, clearance lamps, friction tape and high tension wire; f.o.b. Presidio of San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 2929—3 pneumatic hoist motors, 2000 lb. capacity, for Mare Island, March 15.

SCH. 2883—Heat and flame resistant insulated electric cable for Brooklyn and Mare Island, Mar. 15.

SCH. 2934—Approximately 7500 lbs. corrosion-resisting steel, floor plate, for Eastern Yards & Puget Sound, March 15.

SCH. 2936—Approximately 1700 file cleaners for Eastern Yards and San Diego, March 15.

SCH. 2903—one electrically operated dishwashing machine and spares for Mare Island, March 15.

SCH. 2917—Brushes, casting, cleaning and platers for Eastern and Western Yards, March 15.

SCH. 2932—6 electrically operated vegetable peeling machines and spares for Mare Island, Mar. 15.

SCH. 2973—20 metal litters for Mare

Island, March 11.

SCH. 2924—Fillers and oilers for eastern yards and San Diego, March 15.

SCH. 2967—Motor driven drills, sensitive and upright for eastern yards and Puget Sound, Mar. 18.

SCH. 2974—2 electrically operated coffee-grinding machines, two electrically operated meat-chopping machines, for Mare Island, March 11.

SCH. 2919—Glycerin phthalate enamel for eastern and western yds., March 15.

SCH. 2926—Brushes, flowing, lettering, varnish and platers, for eastern and western yards, Mar. 15.

SCH. 2927—Welding electrodes and rods for eastern and western yards, Mar. 15.

SCH. 2984—Motor truck for Mare Island, Mar. 18.

SCH. 2979—137 pairs of rubber gloves and electrical workers for Brooklyn; 50 pairs do. for Mare Island; Mar. 18.

SCH. 2962—One fire pumping engine for Seattle, Mar. 18.

SCH. 900-1550—I-beams, steel, medium, black and galv., for Boston, Charleston and Puget Sound, Mar. 11.

SCH. 900-1559—2 electrically operated airplane hangar doors, for Brooklyn and Mare Island, Mar. 11.

SCH. 2953—Gas and carbon dioxide for eastern and western yards, April 1.

SCH. 2966—Oil and grease cups for eastern and western yards, Mar. 18.

SCH. 2988—Motor-driven engine lathe for Mare Island, Mar. 22.

SCH. 2995—720 feet electrical cable, insulated, for eastern and western yards, Mar. 22.

SCH. 3005—Seamless steel tubing for Philadelphia and Puget Sound, Mar. 11.

SCH. 2942—Acetylene gas for eastern and western yards, April 1.

SCH. 2951—Compressed oxygen gas for eastern and western yards, April 1.

SCH. 2959—Compressed hydrogen gas for eastern and western yards, April 1.

SCH. 2990—1520 lbs. corrosion-resisting steel for Mare Island, Mar. 22.

SCH. 2995—3000 lbs. corrosion-resisting bar steel for Mare Island, Mar. 22.

SCH. 2970—25,000 lbs. wood excelsior for Sewall's Point; 16,000 lbs. do. for eastern and western yards; 7700 lbs. do. for Puget Sound, Mar. 18.

SCH. 2963—5800 yds. 36-inch cotton duck kfor San Diego; 2000 yds. 4000 yds. do. for San Diego; 50 yds. do. for Oakland; 2000 yds. do. for eastern and western yards; 50 yds. do. for Oakland; 2000 yds. do. for eastern & western yards, March 18.

ALAMEDA COUNTY PERMITS

ALTERATIONS, \$100; 10 Mosswood, Berkeley; owner, Chas. Mel. Prem.; contractor, R. E. Darling, Prem.

ALTERATIONS, \$800; 632-42 14th St., Oakland; owner and contractor, H. C. Morris, 1416 Jefferson St.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

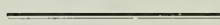
Public Library
Civic Center
San Francisco Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



N. M. Ball Sons Low Bidders
on Tulare Road Job

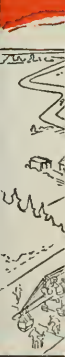


S. F. Permit Total For March Shows Gain



**Building Permits, Advance Reports
of Building and Engineering
Projects**

2
per



Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., MARCH 19, 1938

No. 12

S. F. BUILDING RETURNING TO 1937 POSITION

15-Day Permit Total Near Million, City Bureau Chief Reports

Construction in San Francisco has hit the pace set during the spring months of 1937, unofficial building permit totals for the first fifteen days of March, 1938, indicated yesterday.

Permits for construction valued at \$986,569 have been issued during the first half of March, according to a tabulation released by Chief Clerk S. J. Rosenblum of the San Francisco Central Permit Bureau last night.

This total exceeds the figure for the entire month of February by more than \$200,000.

FHA Terms Aiding

"The new FHA set-up combined with improved weather conditions have supplied the necessary stimulus to the building industry in San Francisco," Mr. Rosenblum said. "If construction continues at the present rate throughout March the total for the month should equal, if not surpass, the figure for March, 1937, the fourth highest month last year."

It was in March, 1937, that the permit total topped the \$2,000,000 mark for the first time that year. The total dropped slightly in April and rose to a total of \$3,382,962 in July.

The largest increase during the first fifteen days of March was shown by frame construction. Frame building permits for construction valued at \$644,950 have been issued. The total is approximately \$250,000 higher than the frame construction total for the entire month of February. Frame permits for one- and two-family dwellings amount to \$463,950; permits for apartment houses total \$181,000.

Well Above February

The \$986,569 total for the first fifteen days of March is approximately \$600,000 higher than the \$394,946 figure for the same period in February, figures reveal. The March frame permit total is

L. A. FIRM LOW FOR HEADWORKS

LOS ANGELES, March 15.—Contracting Engineers Co., 2310½ West Vernon avenue, Los Angeles, today submitted a low bid of \$158,980 to the Metropolitan Water District for construction of headworks for the aqueduct distribution system near Cajaleo Dam. The work is located between stations 26 plus 09.66 and 31 plus 51.50 of the Upper Distributing Feeder about ten miles southwest of Riverside.

Second and third low bidders were: Griffiths Co., Los Angeles, \$162,645; and Clyde W. Wood, Los Angeles, \$173,755.

BULLETIN OF LEAD INDUSTRIES ISSUED

The March edition of "Lead", a magazine published by Lead Industries Association, Graybar Building, 420 Lexington avenue, New York City, is off the press and ready for distribution, it is announced. Copies may be obtained from the Association at the above address.

The following articles are contained in the new issue: Drip-cap flashings made of sheet lead; Lead-lined sink for amateur photography; Plywood home shows white lead durability; Small applications of lead; Sheet lead, pipe, and fittings in housing project plumbing; Correct installation of gossenecks on lead services; and Lead caulking for Spartanburg, S. C., water project.

more than three times larger than the \$191,700 total for the first fifteen days of February.

Contributing to the February 15-day total were permits for \$118,246 in alteration work and \$85,000 in Class A and B construction.

The fifteen-day March total is particularly encouraging as compared to the February total when it is considered that no permits for 1939 Exposition work or public buildings have been issued this month, Mr. Rosenblum pointed out. In February, three permits for World's Fair construction costing \$108,593 were issued.

N. M. BALL SONS LOW ON TULARE SURFACING JOB

\$33,264 Low Proposal; Griffiths Co. Second Bidder, at \$34,693

SACRAMENTO, March 16.—N. M. Ball Sons, 852 Carmel street, Albany, today submitted a low bid of \$33,264 to the State Division of Highways here for grading and surfacing about nine-tenths of a mile, including shoulder surfacing with roadmix, in the city of Porterville.

DEATH TAKES ENGINEER

SACRAMENTO, March 16.

—Chas. Stockton Pope, widely known highway engineer, passed away here this morning. Mr. Pope was prominent in his profession, and was known throughout the construction industry in his capacity of Construction Engineer for the State Division of Highways.

Griffith Co., Los Angeles, at \$34,693, was the second lowest bidder.

The project is located between Morton and Mulberry streets in the city of Porterville.

Other bidders on the Porterville surfacing contract were: Piazza & Huntley, San Jose, \$36,223; Oilfields Trucking Co., Bakersfield, \$40,819; and Union Paving Co., San Francisco, \$41,217.

Bidders submitted unit prices on thirty-four items.

As customary with State Division of Highways projects, bids were taken under advisement.

Shipments of steel office furniture for January, 1938, amounted to \$1,989,632, as compared to shipments totaling \$1,586,446 in January, 1937, the Bureau of Census reports.

Shipments of fire extinguishing motor apparatus totaled 53 units in January, 1938, as compared to shipments of 50 units in January, 1937, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
631-2	Cowan	Owner	3000
633	Dong	Owner	3000
634-5	Meyer	Owner	4000
636-9	Meyer	Owner	6000
640	Poloni	Owner	4000
641	Gearon	Katz	4000
642	Glennon	Owner	1000
643	O'Brien	Owner	7000
644	Offerman	Unit Const	5800
645	Sanchez	Sanchez	3000
647	Standard Oil	Lindgren	1800
648-50	Stoneson	Owner	5500
651	Bothin	Mattock	1000
652	Brickell	Owner	1000
653	Hoffman	Owner	4000
654	Jerome's	Petersen	1000
655	Nelson	Owner	4500
656	Nelson	Owner	5000
657	Pisani	Bernhardt	4000
658	Rolkin	Bush	40000
659	Rousseau	Owner	4000
660	Rousseau	Owner	6000
661-6	Standard	Owner	3500
667	Varvaroff	Owner	1000
667	Balzarini	Carraro	3500
668-9	Berwick	Owner	4000
670-3	Hardiman	Owner	3500
674	Hines	Owner	12500
675	Price	Mullen	1750
676	Ran	Mills Const	2300
677	Rosenblatt	Kramer	8000
678	Barbee	Owner	2500
679	Butler Bros.	Johnson	2900
680	Butler	Newton	7000
681	Costello	Owner	4000
682	Gerald	Vukicvlch	10000
683	Home Owners	Hansen	3700
684	Jung	Owner	2000
685	Nelson	Nelson, Inc.	4000
686-7	Nihil	McCarthy	4300
688	Nihil	McCarthy	4500
689	R. C. Archbishop	Barrett	60000
690	Shea	McKeon	4000
691	Stoneson	Owner	5000
692	Stoneson	Owner	5500

DWELLING

(631) E RALSTON 215 S Holloway.
One - story and basement frame dwelling.

Owner and Builder—Stanley Cowen,
924 Taraval Street.
Architect—D. E. Jaekle, 126 Post St.
\$3,000

DWELLING

(632) E RALSTON 190 S Holloway.
One - story and basement frame dwelling.

Owner and Builder—Stanley Cowen,
924 Taraval Street.
Architect—D. E. Jaekle, 126 Post St.
\$3,000

ALTERATIONS

(633) 874 WASHINGTON ST. Alter
apartments.

Owner and Contractor — Chin Yick
Dong, 864 Washington St.
Architect—Not Given. \$3,000

DWELLING

(634) S MARIETTA DR 183 West
Reposa Way. One-story and base-
ment frame dwelling.

Owner and Builder—Meyer Brothers,
735 Portola Drive.
Architect—Not Given. \$4,000

DWELLING

(635) S MARIETTA DR 158 West
Reposa Way. One-story and base-
ment frame dwelling.

Owner and Builder—Meyer Brothers,
735 Portola Drive.
Architect—Not Given. \$4,000

DWELLING

(636) NE TERESITA Blvd. 256 SE
Marietta Drive. One - story and
basement frame dwelling.

Owner and Builder—Meyer Brothers,
735 Portola Drive.
Architect—Not Given. \$6,000

DWELLING

(637) NE TERESITA Blvd. 162 SE
Marietta Drive. One - story and
basement frame dwelling.

Owner and Builder—Meyer Brothers,
735 Portola Drive.
Architect—Not Given. \$6,000

DWELLING

(638) NE TERESITA Blvd. 296 SE
Marietta Drive. One - story and
basement frame dwelling.

Owner and Builder—Meyer Brothers,
735 Portola Drive.
Architect—Not Given. \$6,000

DWELLING

(649) W HOLYOKE 143 N Silliman.
One - story and basement frame
dwelling.

Owner and Builder—Vincanci Poloni,
48 Holyoke Street.
Architect—Not Given. \$4,000

(641) E 46th AVE. 150 S Quintara.
One - story and basement frame
dwelling.

Owner—E. C. Gearon, Burlingame.
Contractor—S. L. Gatz, 628 Central
Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(642) 2917-19 CALIFORNIA. Alter
Apartments.

Owner and Contractor—J. J. Glennon
50 29th Street.
Architect—Not Given. \$1,000

FLATS

(643) N ANZA 65 W 42nd Ave. Two-
story and basement frame flats.

Owner and Builder—Jerome E. O'-
Brien, 2905 Van Ness Avenue.
Architect—Not Given. \$7,000

DWELLING

(644) N ST. GERMAIN 300 West
Glenbrook. Two-story and base-
ment frame dwelling.

Owner—C. H. Offerman, 552 Market.
Contractor—Unit Const. Co., 557 Mar-
ket Street.
Architect—Not Given. \$5,800

DWELLING

(645) E WINFIELD 175 S Esmer-
alda. One - story and basement
frame dwelling.

Owner—Sanchez & Deamo, 303 Cole-
ridge.
Contractor—A. Sanchez, 303 Coleridge
Architect—Not Given. \$3,000

DWELLING

(646) E WINFIELD 200 S Esmer-
alda. One - story and basement
frame dwelling.

Owner—Sanchez & Deamo, 303 Cole-
ridge.
Contractor—A. Sanchez, 303 Coleridge
Architect—Not Given. \$3,000

ALTERATIONS

(647) 200 BUSH ST. Alter offices.
Owner—Standard Oil Co. of Califor-
nia, 225 Bush Street.
Contractor—Lindgren & Swinerton,
Inc., 225 Bush Street.
Architect—Not Given. \$1,800

DWELLING

(648) SE LAGUNITAS 427 NE Ocean
Ave. One - story and basement
frame dwelling.

Owner and Builder—Stoneson Bros.,
1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny
Street. \$5,500

DWELLING

(649) SE LAGUNITES 373 NE Ocean
Ave. One - story and basement
frame dwelling.

Owner and Builder—Stoneson Bros.,
1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny
Street. \$5,500

DWELLING

(650) NE LAGUNITES 473 NE Ocean
Ave. One - story and basement
frame dwelling.

Owner and Builder—Stoneson Bros.,
1 Sloat Boulevard.
Architect—H. G. Stoner, 251 Kearny
Street. \$5,500

ALTERATIONS

(651) 604 MISSION ST. Alter of-
fice building.

Owner — Bothin Real Estate Co.,
Prem.
Contractor—A. F. Mattock Co., 212
Clara St.
Architect—Not Given. \$1000

ALTERATIONS

(652) 440-42 SANSOME ST. Alter
loft space.

Owner—John Brickell Estate Co., 154
Sutter St.
Architect—Not Given. \$1000

DWELLING

(653) S. SUSSEX, 25 W CASTRO.
Two-story and basement frame
dwelling.

Owner—Frederick Hoffman, 11 Har-
per St.
Architect—Not Given. \$4000

ALTERATIONS

(654) 145 GEARY ST. Alter store.
Owner—Jerome's Dress Shop, Prem.
Contractor—Antone Petersen & Sons,
2758 San Bruno Ave.
Architect—Not Given. \$1000

DWELLING

(655) E 24TH AVE., 410 N OCEAN
AVE. One-story and basement
frame dwelling.

Owner — Fernando Nelson & Sons,
2910 19th Ave.
Architect—Not Given. \$4500

DWELLING

(656) E 24TH AVE., 370 N OCEAN
AVE. One-story and basement
frame dwelling.

Owner — Fernando Nelson & Sons,
2910 19th Ave.
Architect—Not Given. \$5000

DWELLING

(657) E GOUGH, 35 N GREEN-
WICH. One-story and base-
ment frame dwelling.

Owner—Louis Pisani, 2948 Polk St.
Contractor—Albert Bernhardt, 2406
22nd Ave.
Architect—Otto G. Hintermann, 74
New Montgomery St. \$4000

ADDITION

(658) W STOCKTON, 40 S BUSH.
Addition of 8-story Class B An-
nex to apartment house.

Owner—Edward Rolkin, 136 McAllis-
ter St.
Contractor—John Bush, 1349 Clayton
St.

Engineer—Geo. W. Travis, 604 Mis-
sion St.
Architect — Norman E. Green, 55
Montgomery St. \$40,000

DWELLING (659) E. RICHARDSON AVE., 91 SE CHESTNUT. One-story and basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$4000	Owner & Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	Owner—Lawrence Costello, 382 27th Ave. Architect—C. O. Clausen, 746 46th Ave. \$4000
DWELLING (660) E. PARKER AVE., 140 S OF TURK. Two-story and basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$6000	DWELLING (671) W 23rd AVE. 225 S Moraga. One-story and basement frame dwelling. Owner & Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	FLATS (682) NE BAY AND LARKIN STS. Two-story and basement frame flats. Owner—M. Geraidi, 710 North Point St. Contractor—M. E. Vukicivich, 666 Mission St. Architect—H. C. Baumann, 251 Kearny St. \$10,000
DWELLING (661) E. 36TH AVE., 175 S ULLOA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (672) W 23rd AVE. 200 S Moraga. One-story and basement frame dwelling. Owner & Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	ALTERATIONS (683) 172 32ND AVE. Alter dwelling. Owner—Home Owners Loan Corp., 785 Market St. Contractor—Harry Hansen, 1435 41st Ave. Architect—Not Given. \$3700
DWELLING (662) E. 36TH AVE., 250 S ULLOA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (673) W 23rd AVE. 275 S Moraga. One-story and basement frame dwelling. Owner & Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	ALTERATIONS (684) 736 COMMERCIAL ST. Alter flats. Owner—Calvin C. Jung, 864 Grant Ave. Architect—Not Given. \$2000
DWELLING (663) E. 36TH AVE., 275 S ULLOA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	APARTMENT HOUSE (674) N FRANCISCO 94 W Broderick St. Two-story and basement frame apartment house. Owner & Builder—Jesse Hines, c/o Architect. Architect—W. F. Gunnison, 251 Kearny Street. Engineer—James M. Smith, 251 Kearny Street. \$12,500	DWELLING (685) SW FAIRFIELD WAY AND LAKEWOOD. One-story and basement frame dwelling. Owner—A. Nelson, 242 Ocean Ave. Contractor—A. Nelson, Inc., 242 Ocean Ave. Architect—Not Given. \$4000
DWELLING (664) E. 36TH AVE., 225 S ULLOA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	ALTERATIONS (675) 718 MARKET ST. Alter store. Owner—Price Shoe Co., 718 Market. Contractor—Mullen Mfg. Co., 60-80 Rausch Street. Architect—Not Given. \$1,750	DWELLING (686) W. 32ND AVE., 67 N KIRKHAM. One-story and basement frame dwelling. Owner—Nihli, Inc., 1645 Judah St. Contractor—Chas. M. McCarthy, 1400 22nd Ave. Architect—Not Given. \$4300
DWELLING (665) E. 36TH AVE., 300 S ULLOA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	ALTERATIONS (676) 182 SHIPLEY ST. Alter store. Owner—Sam E. Ran, 234 Fifth St. Contractor—Mills Const. Co., 605 Market Street. Architect—Not Given. \$2,300	DWELLING (687) W. 32ND AVE., 33 N KIRKHAM. One-story and basement frame dwelling. Owner—Nihli, Inc., 1645 Judah St. Contractor—Chas. M. McCarthy, 1400 22nd Ave. Architect—Not Given. \$4300
DWELLING (666) E. 36TH AVE., 200 S ULLOA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (677) S WASHINGTON 110 E Locust. Two-story and basement frame dwelling. Owner—S. M. Rosenblatt, 315 Montgomery Street. Contractor—John E. Kramer, 1906 Steiner Street. Architect—Farr & Ward, 68 Post St. \$8,000	DWELLING (688) NW 32ND AVE. AND KIRKHAM ST. One-story and basement frame dwelling. Owner—Nihli, Inc., 1645 Judah St. Contractor—Chas. M. McCarthy, 1400 22nd Ave. Architect—Not Given. \$4500
DWELLING (667) S. SILVER AVE., 30 W UNIVERSITY. One-story and basement frame dwelling. Owner—Peter Varvaroff, 138 Shakespear St. Architect—Not Given. \$1000	DWELLING (678) NW BOSWORTH AND ARLINGTON. One-story and basement frame dwelling. Owner—H. Barbee, 225 College Ave. Architect—Not Given. \$2500	SCHOOL (689) SE DIAMOND AND ELIZABETH. Two-story Class B School. Owner—Roman Catholic Archbishop, 1100 Franklin St. Contractor—Barrett & Hilp, 918 Harrison St. Engineer—W. Adrian, 417 Market St. Architect—Martin J. Rist, Phelan Bldg. \$60,000
DWELLING (668) S WILDER 275 E Diamond. One-story and basement frame dwelling. Owner & Builder—A. Berwick, 1525 Noe Street. Architect—Not Given. \$4,000	ALTERATIONS (679) 311 HOWARD ST. Alter warehouse. Owner—Butler Bros., c/o 666 Mission St. Contractor—J. Harold Johnson, 666 Mission St. Architect—Ellas & Fairweather, Hobart Bldg. \$2900	DWELLING (690) E. 30TH AVE., 25 N RIVERA. One-story and basement frame dwelling. Owner—Con T. Shea, 2194 30th Ave. Contractor—C. T. McKeon, 2194 30th Ave. Architect—Not Given. \$4000
DWELLING (669) S WILDER 250 E Diamond. One-story and basement frame dwelling. Owner & Builder—A. Berwick, 1525 Noe Street. Architect—Not Given. \$4,000	FLATS (680) W. POTRERO AVE., 294 N 25TH ST. Two-story and basement frame flats. Owner—J. Butler, Fire Prevention Bureau. Contractor—John Newton, 2029 Kirkham St. Architect—Not Given. \$7000	DWELLING (691) E. WOODACRE DR., 212 N OCEAN AVE. One-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5000

DWELLING

(692) SE LAGUNITAS DR., 527 NE OCEAN AVE. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
752	Beik	Patterson	3850
753	Larmer	Owner	6300
754	McChesney	Owner	7000
755	Templeton	Greenlaw	3500
756	Cola	Tolomei	5000
757	Nehs	Owner	3000
758	Wardle	Owner	1100
759	Bolla	Landgaat	1400
760	Condeff	Boshion	1200
761	Conrad	Watson	3750
762	Jarvis	Difon	12000
763	Kirk	McCorkle	6000
764	Silva	Owner	4500
765	Tisher	Johnson	3500
766	Yates	Home	1400
767	Leach	Altermatt	1000
768	Golden State	Hopper	6500
769	McCarthy	Owner	6000
770	Shoong	Anderson	3500
771	Sullivan	Harde	5000
772	Francione	Ghislelli	1000
773	Menges	Perkins	3305
774	Blomberg	Hoffman	3300
775	Bonato	Alexander	1000
776	Hanson	Hanson	2900
777	Madsen	Henderson	3700
778	Nunnally	Owner	3000
779	Pfrang	Owner	4000
780	Robinson	Womack	3500
781	Comstock	West Const	2500
782	Marshall	Owner	3000
783	Webster	Owner	1000
784	Hubbard	Owner	3750
785	Smith	Waldman	4000
786	Wilkinson	Hastings	4000

DWELLING

(752) 679 BROADWAY TER. OAKLAND. One-story 4-room dwelling.
Owner—Herman Beik, 514 Foothill Blvd., Oakland.
Contractor—J. F. Patterson, 7621 Foothill Blvd., Oakland.
Architect—Not Given. \$3,550

DWELLING

(753) 5135 HARBORD DRIVE, OAKLAND. One-story 6-room dwelling.
Owner and Builder—Edward Larmer, 90 Fairview Ave., Oakland.
Architect—Irvin Johnson, 2219 7th Ave., Oakland. \$6,300

FLATS

(754) 4506-08 EDGEWOOD AVENUE, OAKLAND. Two 10-room flats.
Owner and Builder—Robert McChesney, 1315 San Luis Ave., Oakland.
Architect—Not Given. \$7,000
Also 1-story garage, \$200.

DWELLING

(755) 7843 OUTLOOK AVE., OAKLAND. Two-story 5-room dwelling.
Owner—Dr. H. J. Templeton, 3115 Webster St., Oakland.
Contractor—C. M. Greenlow, 2 6 8 2 Parker St., Oakland.
Architect—Not Given. \$3,500

DWELLING

(756) 732 EVELYN, BERKELEY. One-story 5-room frame dwelling.
Owner—P. Cola, Martinez.
Contractor—N. Tolomei, 719 Evelyn Ave., Berkeley.
Architect—Not Given. \$5,000

DWELLING

(757) 517 EVELYN AVE., BERKELEY. One-story 5-room frame dwelling.

Owner & Builder—H. F. Nehs, 1709 1/2 Tenth St., Berkeley.
Architect—Not Given. \$3,000

ALTERATIONS

(758) 1212 HOPKINS, BERKELEY. Alterations.
Owner and Contractor—Yola Wardle 1212 Hopkins.
Architect—Not Given. \$1,100

STORE

(759) 2001-A HOPKINS ST., OAKLAND. One-story store.
Owner—Pete Bolla, 4345 Lincoln Ave.
Contractor—John Landzaat, 1412 St. Charles St., Alameda.
Architect—Not Given. \$1,400

ALTERATIONS

(760) 1417 JEFFERSON ST., OAKLAND. Alterations.
Owner—A. Condeff, Athol Avenue, Oakland.
Contractor—D. Boshion, 903 Peralta, Berkeley.
Architect—Not Given. \$1,200

DWELLING

(761) 3279 WISCONSIN ST., OAKLAND. One-story 6-room dwelling.
Owner—Louis V. Conrad, 3726 Virden Avenue.
Contractor—Wm. Watson, 4750 Maldon Avenue.
Architect—Not Given. \$3,750
Also 1-story garage, \$250.

APARTMENTS

(762) 2429-31-33-35 IVY DR., OAKLAND. Two-story 16-room apts.
Owner—Mrs. P. B. Jarvis, 1933 Harrison Street.
Contractor—Dixon & Roth, 1844 5th Avenue.
Architect—Not Given. \$12,000

DWELLING

(763) 2864 KITCHNER CT., OAKLAND. Two-story 5-room dwelling.
Owner—Warren W. Kirk, 620 Beacon.
Contractor—J. F. McCorkle, 832 Erie.
Architect—Not Given. \$6,000

ADDITION

(764) 1436 37th AVE., OAKLAND. Two-story addition.
Owner and Builder—J. M. Silva, 1436 37th Ave., Oakland.
Architect—Not Given. \$4,500

DWELLING

(765) 2768 PARKER, OAKLAND. One-story 5-room dwelling.
Owner—C. R. Tisher, 6127 Foothill Blvd.
Contractor—Elmer Johnson, 6127 Foothill Blvd.
Architect—Not Given. \$3,500
Garage, \$150.

ALTERATIONS

(766) 312 WARWICK AVE., OAKLAND. Alterations.
Owner—A. M. Yates, premises.
Contractor—Home Owners Imp. Co., 350 Hobart St.
Architect—Not Given. \$1,400

ADDITIONS

(767) 2835 HILLEGASS, BERKELEY. Additions.
Owner—Howard Leach, Prem.
Contractor—J. W. Altermatt, 239 Taurus.
Architect—Not Given. \$1000

ALTERATIONS

(768) 5812 SAN PABLO AVENUE, OAKLAND. Alterations.
Owner—Golden State Theater Co., 25 Taylor St., San Francisco.
Contractor—Alfred J. Hopper, 243 Langton St., San Francisco.
Architect—A. A. Cantlin, 64 Pine St., San Francisco. \$6500

DWELLING

(769) 3016 DAVIS ST., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Daniel McCarthy, 3155 64th Ave.
Architect—Not Given. \$6000

ALTERATIONS

(770) 385 BELLEVUE AVE., OAKLAND. Alterations and additions.
Owner—J. Shoong, Prem.
Contractor—Geo. W. Anderson, 211 Hanover Ave.
Architect—B. J. Joseph, 74 New Montgomery St., San Francisco.
Also addition to garage, \$500. \$3500

DWELLING

(771) 3278 WYMAN ST., OAKLAND. One-story 5-room dwelling.
Owner—Chas. B. Sullivan, 1026 East 21st St.
Contractor—Grant O. Harde, 3063 Hopkins St.
Architect—Not Given. \$5000

ALTERATION

(772) 467 SANTA CLARA AVE., ALAMEDA. Alteration.
Owner—Martin Francione, Prem.
Contractor—M. Ghislelli, 1312 Fountain St.
Architect—Not Given. \$1000

DWELLING

(773) 1314 CORNELL, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—A. E. Menges, 1326 Grove.
Contractor—H. E. Perkins, 1511 Woolsey.
Architect—Not Given. \$3305

DWELLING

(774) 7559 VALENTINE ST., OAKLAND. One-story 4-room dwelling.
Owner—E. R. Blomberg, 444 40th St.
Contractor—E. F. Hoffman, 8144 Foothill Blvd.
Also 1-story garage, \$150.
Architect—Not Given. \$3300

LUBRICATION BLDG.

(775) 1800 CYPRESS ST., OAKLAND. Lubrication building.
Owner—Guy Bonato, 1533 Cypress.
Contractor—Fred D. Alexander, 358 17th St.
Architect—Seaside Oil Co., Ashby St., Berkeley. \$1000

DWELLING

(776) 9347 BURR ST., OAKLAND. One-story 5-room dwelling.
Owner—Hollis B. Hanson, Hayward, Calif.
Contractor—A. F. Hanson, Hayward, Cal.
Architect—Not Given. \$2900

DWELLING

(777) 1556 E. 31ST ST., OAKLAND. One-story 5-room dwelling.
Owner—C. G. Madsen, 1930 E. 31st St.
Contractor—Henderson & Wishart, 7827 Outlook Ave.
Architect—Not Given. \$3700

ADDITION & ALTERATION

(778) 1145 WELLINGTON STREET, OAKLAND. Addition and alteration.
Owner & Builder—D. G. Nunnally, Premises.
Architect—Not Given. \$3000

DWELLING

(779) 6017 MONROE AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—H. C. Pfrang, 5659 Ocean View Dr.
Architect—Not Given. \$4000

DWELLING
 (780) 6201 BUENA VENTURA AVENUE, OAKLAND. One-story 5-room dwelling.
 Owner—Virginia Robinson, 858 31st St.
 Contractor—Womack & Son, 3618 64th Ave.
 Architect—Not Given. \$3500

DWELLING
 (781) 998 JONES ST., BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—E. B. Comstock, 1002 Jones St., Berkeley.
 Contractor—Western Const. Co., 1305 Franklin St., Berkeley.
 Architect—Not Given. \$2,500

DWELLING
 (782) 917 EVELYN ST., ALBANY. One-story 5-room frame dwelling.
 Owner and Builder—H. E. Marshall, 1230 Marin Ave., Albany.
 Architect—Not Given. \$3,000

GARAGE
 (783) 817 EL CERRITO, ALBANY. Garage.
 Owner and Builder—C. E. Webster, 817 El Cerrito, Albany.
 Architect—Not Given. \$1,000

DWELLING
 (784) 829 MOUNTAIN BLVD., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—J. F. Hubbard, 5412 Proctor Ave., Oakland.
 Architect—Not Given. \$3,750

DWELLING
 (785) 2006 109th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Grace L. Smith.
 Contractor—A. E. Waldman, 5 0 9 Pothill Blvd., Oakland.
 Architect—Not Given. \$4,000
 Also 1-story garage, \$250.

DWELLING
 (786) 6945 PINEHAVEN RD., OAKLAND. One-story 5-room dwelling.
 Owner—R. K. Wilkinson, 6941 Pinehaven Road, Oakland.
 Contractor—Geo. A. Hastings, 1963 89th Ave., Oakland.
 Architect—Not Given. \$4,000
 Also 1-story garage, \$200.

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
264	P T & T	Gest	.....
265	Coxon Co.	DeLuca	23550
266	Roos Bros	Mullen	4932
267	Scavenger	De Lucchi	9426
268	Rosenblatt	Kramer	10636

TELEPHONE SYSTEM
 (264) YERBA BUENA SHOALS. Telephone construction on Treasure Island.
 Owner—Pacific T. & T. Co., 414 Bush St., San Francisco.
 Architect—Not Given.
 Contractor—G. M. Gest, Inc., 1216 24th St., Oakland.
 Filed and Dated,
 Progress payments.
 TOTAL COST Not Given.
 Bond, \$5000. Sureties, Pacific Indemnity Co. Plans and Spec. filed.

ALTERATIONS
 (265) W SHOTWELL 100 S 16th St. Ater factory building.
 Owner—Coxon Co., premises.
 Architect—H. C. Stoner, 251 Kearny.
 Contractor—De Luca & Son, Inc., 1745 Filbert St.
 Filed, Mar. 11, '38. Dated, Mar. 1, '38.
 Progress payments.
 TOTAL COST, \$23,580
 Limit, 60 days.

INTERIOR WORK, ETC.
 (266) STOCKTON and Market Sts. Install interior work and fixtures in store.
 Owner—Roos Bros, Inc., premises.
 Architect—Albert R. Williams, 251 Post Street.
 Contractor—Mullen Mfg. Co., 60-80 Rausch Street.
 Filed, Mar. 11, '38. Dated, Nov. 29, '37
 Progress during const.....50%
 Completion.....25%
 Usual 35 days.....25%
 TOTAL COST, \$49,532
 Limit, Apr. 30 and July 15, 1938.
 Plans and specifications filed.

BUILDING
 (267) N CHESTNUT 103 W Mason St. One-story reinf. conc. bldg.
 Owner—Scavengers Prot. Assn., 660 Chestnut St.
 Contractor—G. B. De Lucchi, 4 Sharp Place.
 Filed, Mar. 11, '38. Dated, Mar. 2, '38.
 Bldg. half done.....33½%
 Completion.....33½%
 Usual 35 days.....33½%
 TOTAL COST, \$9,426.00
 Bond, \$4713. Sureties, F. Giacomini and D. Devincenzi. Plans and Spec. filed.

DWELLING
 (268) S WASHINGTON 110 E Locust St. Two-story and basement frame dwelling.
 Owner—Samuel H. and Ruth P. Rosenblatt, 315 Montgomery St.
 Architect—Farr & Ward, 68 Post St.
 Contractor—John E. Kramer, 1935 Steiner Street.
 Filed and Dated,
 1st payment when roof is placed.
 2nd when plastering completed.
 3rd upon completion.
 4th usual 35 days.
 TOTAL COST, \$10,636.00
 Limit, 85 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS
 UNDER \$1000**

ALTER restaurant, \$100; 393 Columbus Ave.; owner, Gus Sabella, premises.
 BILLBOARD, \$13; W Van Ness 90 N Union; owner and builder, Foster & Kleiser Co., 1675 Eddy. SIGN, metal, \$90; 33 Kearny Street; owner, Paul's Clothing, premises; contractor, Laib, 7th and Folsom.
 ALTER store, \$50; 637 Kearny St.; owner, Louis Patay, premises; contractor, Carl J. Fung and Co., 719½ Sacramento St.
 ALTER laundry, \$75; 1333 Eddy St.; owner, Frank Lakowate, 5415 Band St., Oakland; contractor, L. M. Burr, 40 Brady St.
 ALTER flats, \$500; 1534 Shrader St.; owner, Julia E. Stuck, premises.
 ALTER dwelling, \$100; 290 17th Ave. owner, Emma Peters, 797 35th Avenue.
 SIGNS, \$35; 25 Polk St.; owner, F. A. Bezek, premises; contractor, Loren Niles, 1024 Clement St.
 BILLBOARD, \$25; S Geary 302 E Arguello Blvd.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
 ALTER store, \$350; 2390 Mission St.; owner, Granat Bros., premises; contractor, Mullen Mfg. Co., 60 Rausch St.
 ALTER rooming house, \$385; 1165 O'Farrell St.; owner, B. Mauzy, 240 Stockton St.
 ALTER dwelling, \$400; 160 Paloma; owner, H. Truslow, premises.
 ALTER flats, \$125; 709 Lyon Street; owner, A. Schneegass, 715½ Lyon St.
 BILLBOARD, \$13; SE Fell and Baker Sts.; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

ALTER apts., \$110; 416 Turk St.; owner, Frances Warren, prem.
 FLUES, \$150; 500 Sea Cliff Ave.; owner, Richard Elkus, premises; contractor, Lowell Davison, 1250 9th Ave.; architect, Farr & Ward 68 Post Street.
 SIGN, electric roof, \$500; NE Golden Gate and Van Ness; owner, Tide Water Associated Oil Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER market, \$50; 23 Embarcadero; owner, H. Lidery, prem.; contractor, Geo. Segurson, 282 Oak St.
 SIGN, electric, \$150; 727 Leavenworth; owner, M. Jensen, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 ALTER dwelling, \$400; 338 Guerrero St.; owner, F. Cerutti, prem.; contractor, Sam Yonan, 196 Irvington St.
 FLUE, \$30; 639 Silliman St.; owner, Quinte Panicatt, prem.; contractor, W. Burniani, 2555 San Bruno Ave.
 MARQUEE, \$800; 150 Mason St.; owner, Club Robert, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 ALTER store, \$500; 527 Post St.; owner, M. Frieman, 57 Sutter St.; contractor, M. Gibbs, 2116 Fillmore St.
 ALTER garage, \$250; 2060 Revere Ave.; owner, Carlo Zaro, prem.
 SIGN, electric, \$300; 410 Judah St.; owner, S. & S. Drug Co., prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 FLUE, \$118; 1026 Jamestown St.; owner, Q. Hoppe, premises; contractor, W. Burlani, 2555 San Bruno Ave.
 FLUE, \$100; NE Nueva and Blanken Ave.; owner, Wm. Burlani, 2555 San Bruno Ave.
 ALTER store, \$700; 494 Castro St.; owner, Mercantile Properties Co., 155 Montgomery St.; contractor, Mullen Mfg. Co., 60 Rausch St.
 ALTER market, \$100; 500 Bayshore Blvd.; owner, V. Fabiano, prem.
 SIGN, electric, \$270; 1509 Haight St.; owner, Haight Grill, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 FLUE, \$25; 144 Feralta; owner, Sam Leonetti, premises; contractor, W. Burlani, 2555 San Bruno Ave.
 ALTER restaurant, \$600; 2050 Van Ness Ave.; owner, Guson-Morison, 3270 Lyon St.; contractor, Rome Carpenter Shop, 1659 Powell St.; architect, Hertzke and Knowles, 369 Pine St.
 ALTER dwelling, \$700; 4108 19th St.; owner, L. T. Rankin, c/o contractor; contractor, Robt. McCarthy, 1363 14th Ave.
 ALTER warehouse and office, \$750; 156 South Park; owner, Theodore Easter, 674 8rd St.
 FLUES, \$230; SE Market and Stanton Sts.; owner, Fernando Nelson & Sons, 2901 19th Ave.; contractor, Portal Sheet Metal Supply, 301 West Portal Ave.
 SIGN, electric, \$200; 781 Broadway, Oakland; owner, Hotel De Espana, premises; contractor, Western Neon Lite Co., 75 Fremont.
 ALTER dwelling, \$400; 630 Mt. Vernon Ave.; owner, Bob Arsanis, 629½ First Ave.
 ALTER store, \$45; 627 Jackson St.; owner, Shang Git & Co., 145 Waverly Place.
 ALTER dwelling, \$500; 3033 Washington St.; owner, J. L. Thomson, premises.
 SIGN, electric, \$450; 1414 Van Ness Ave.; owner, Brown Chevrolet Co., premises; contractor, Western Neon Lite Co., 75 Fremont.
 ALTER garage, \$25; 631 Arguello; owner, B. Del Carto, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & |

1—APARTMENTS

Bids In—Held Under Advertisment.
APARTMENTS Cost, \$.....
OAKLAND, Alameda Co., Cal. Lakeshore Avenue.

Two - story frame and stucco apartment building (hardwood floors, tile baths, wood sash, etc.)

Owner—Withheld.
 Architect—Miller and Warnecke, 1700 Financial Center Bldg., Oakland.

Bids held under advisement pending return of owner from out of town

Contract Awarded
APARTMENTS Cost, \$12,000
OAKLAND, Alameda Co., Cal. 2429-2435 Ivy Drive.

Two-story 16-room apt. building.
 Owner—Mrs. P. B. Jarvis, 1933 Harrison St., Oakland.

Architect—Not Given.
 Contractor—Dixon & Roth, 1844 5th Ave., Oakland. 1

Contract Awarded
APARTMENT ADDN. Cost, \$40,000
SAN FRANCISCO, W Stockton St. 40 S Bush St.

Addition of 8-story Class B annex addition to apartment house.
 Owner—Edward Rolkin, 136 McAllister Street.

Architect—Geo. W. Travis, 604 Mission Street.

Engineer—Norman B. Green, 55 New Montgomery Street.

Contractor—John Bush, 1349 Clayton Street.

To Be Done By Day's Work
APARTMENTS Cost, \$12,500
SAN FRANCISCO, N Francisco 94 W Broderick St.

Two - story and basement frame apartment house.

Owner and Builder—Jesse Hines, c/o Architect.

Architect—W. F. Gunnison, 251 Kearny Street.

Engineer—Jas. M. Smith, 251 Kearny Street. 1

Low Bidder
APARTMENTS Cost, \$.....
OAKLAND, Alameda Co., Cal. Lakeshore Avenue.

Two - story frame and stucco apartment building (hardwood floors, tile baths, wood sash, etc.).

Owner—Withheld.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.

Low Bidder—D. W. Nicholson, 357 12th St., Oakland.

4—FACTORIES & WAREHOUSES

FIRE LOSS

NOME, Alaska.—Fire recently destroyed the machine shop and garage of the U. S. Smelting & Refining Co., Nome, with loss estimated at \$100,000. 4

Contract Awarded
PACKING HOUSE Est. Cost, \$50,000
OAKLAND, Alameda Co., Calif. SW Second and Jackson Streets.

Two-story reinforced concrete packing house (75x100-ft.) containing offices, coolers, smokehouses, etc. (composition roof, steel sash, insulation, etc.)

Owner—Miller Packing Co., 218 2nd St., Oakland.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Clarence H. Thrams, 28 Home Place, Oakland.

Construction Started
TANKS Cost, \$30,000
SOUTH SAN FRANCISCO, Calif.

One thickener tank, 90 ft. in diam., with concrete foundation and steel plate sides and one thickener tank, 100 ft. in diam., with concrete foundation and sides and concrete roof supported on steel trusses.

Owner—Marine Chemicals Co., Ltd., East Grand Ave.

Engineer—W. H. Ellison, 821 Market St., San Francisco.

Contractor—Barrett & Hlpl, 918 Harrison St., San Francisco.

Steel Tank—Western Pipe & Steel Co. of Calif., 444 Market St., San Francisco.

Mechanical Equipment—Dorr Company, New York City.

Sub-Contracts Awarded
ADDITION Cost, \$17,500
SAN JOSE, Santa Clara Co., Calif. 375 East Taylor Street.

Addition to building.

Owner—Santa Clara Co. Vegetable & Fruit Growers' Assn., 315 East Taylor St., San Jose.

Architect—Not Given.

Contractor—Joseph Santi, 1013 North 12th St., San Jose.

Roofing—Star Pacific Roof Co., 120 North Morrison Avenue.

Plumbing—Wm. Ehler, 956, The Alameda.

Electric Wiring—Rosendin Electric Works, 78 Race Street.

Sheet Metal—Western Sheet Metal Works, 393 W Santa Clara St.

Tile Work—T. H. Price Co., 90 Vine Glass—Cobbleck—Kibbe Glass Co., 236 W Santa Clara St.

Hardwood Floors—I. N. Millsap, 1263 Park Avenue.

Iron Grille Work—Engfer Iron W'ks, 535 W San Carlos Avenue.

Grading, Foundations and Concrete—E. G. Keeble, Tully Road.

Lumber—Memer Lumber Co., 817 The Alameda.

Mill Work—Pacific Mfg. Co., Santa Clara.

Hardware—San Jose Hardware Co., 62 W San Fernando Street.

Painting—S. Minietta, 1087 Park Ave.

Lathing and Plastering—Joseph C. Chiri, 454 Bernardo Ave., Mountain View.

All of San Jose unless otherwise noted. 4

5—FLATS

Low Bidder
FLATS Cost, \$.....
OAKMORE HIGHLANDS, Alameda Co., Cal.

Frame and stucco two-family residence; composition roof, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.

Low Bidder—D. W. Nicholson, 357 12th St., Oakland.

To Be Done By Day's Work
FLATS Cost, \$7,000
OAKLAND, Alameda Co., Cal. 4506-08 Edgewood Ave.

Two-story frame flats (10 rooms).
 Owner & Builder—Robert McChesney, 1315 San Luis Ave.

Architect—Not Given. 5

Plans Completed
FLATS Cost, \$8,000 to \$10,000
SAN FRANCISCO, E. Laguna St. 125 ft N of Hermann St.

Two-story frame flats (5 rms. each), hardwood floors, tile baths, hot water heating systems, wood sash, etc.

Owner—R. W. Graham, 3700 20th St.
 Architect—D. E. Jaekle, 126 Post St.
 Owner will take general bids shortly.

Contract Awarded
FLATS Cost, \$.....
OAKMORE HIGHLANDS, Alameda Co., Cal.

Frame and stucco two-family residence; composition roof, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.

Contractor—D. W. Nicholson, 357 12th St., Oakland.

Contract Awarded
FLATS Cost, \$10,000
SAN FRANCISCO, NE Bay and Larkin Streets.

Two-story and basement frame flats.
 Owner—M. Gerald, 710 North Point.
 Architect—H. C. Baumann, 251 Kearny Street.

Contractor—M. E. Vukicevich, 666 Mission Street. 5

To Be Done By Day's Work
FLATS Cost, \$7,000
SAN FRANCISCO, N Anza St. 65 W 42nd Ave.

Two-story and basement frame flats.
 Owner and Builder—J. E. O'Brien, 2905 Van Ness Avenue.

Architect—Not Given. 5

7—FEDERAL BUILDINGS

BIDS OPENED
PORTLAND, Ore.—Otis Elev. Co., Washington, D. C., at \$1,663 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C. for installing new counterbalanced doors, car gates, etc., for freight elevators Nos. 3 and 4 in the U. S. post office at Portland.

Only other bid submitted by Geo. Isackson Co., Portland, at \$2,149.

BIDS OPENED
NORTH DAKOTA and Utah.—The following bids were received by the Chief of the Division of Purchases

and Sales, U. S. Department of Commerce, Washington, D. C., for erection of a loop antenna system and radio facility buildings at Golva, N. D., and Tintio, Utah. Proposal 29016. N. E. Southers, St. Paul, Minn., \$5,512.00 (Items 1 and 2).
 John Holm, Glendive, Mont., \$5,890.30 (Items 1 and 2).
 Turner Const. Co., Dickinson, N. K., \$3,324.00 (Item 2 only).
 R. J. Kingston, Ogden, Utah, \$2,622.50 (Item 3 only).
 Curtis & Johnson Const. Co., Salt Lake Utah, \$7,884 (Items 3, 4, 5).
 Pickering Bros., Salt Lake City, \$9,058.00 (Items 3, 4, 5).
 C. C. Warrington, Cheyenne, Wyo., \$10,024 (Items 3, 4, 5).

MATERIALS APPROVED
 LOS ANGELES, Calif.—Treasury Dept. approved following equipment award for construction of the U. S. Post Office and Court House at Los Angeles; George A. Fuller Co., general contractor; Drinking fountains, Haws Drinking Faucet Co. 7

MATERIALS APPROVED
 MONROVIA, Los Angeles Co., Cal.—Treasury Department approved the following equipment award for construction of the U. S. Post Office at Monrovia: Combination oil and gas burner, Ray Oil Burner Co. 7

MATERIALS APPROVED
 MAYWOOD, Los Angeles Co., Cal.—Treasury Dept. approved following equipment awards for construction of the U. S. Post Office at Maywood; Campbell Constr. Co., general contractors; Combination gas and oil burner, Ray Oil Burner Co.; boiler, Amer. Radiator Co. 7

MATERIALS APPROVED
 PASADENA, Los Angeles Co., Cal.—Treasury Department has approved the following equipment award for extending and remodeling the U. S. P. O. at Pasadena. James I. Barnes Const. Co., general contractor. Scale, Fairbanks, Morse & Co. 7

BIDS WANTED
 POINT ARGUELLO, Santa Barbara Co., Cal.—Until May 10, 2 p.m., bids will be received by the Dept. of Commerce, Lighthouse Service, Room 425, Customhouse, San Francisco, for furnishing and erecting in place, one Guyed Type Vertical Radiator, at the Point Arguello Lightstation, near Arlight, Santa Barbara Co., Calif. 7
 (2638)

Bids Wanted—To Close April 15, 10 A. M.

HANGAR Est. Cost, \$174,400
ALBROOK FIELD, Canal Zone.
 Construction of a double hangar, roads, aprons and utilities thereto
 Owner—United States Government.
 Plans prepared by the Office of the QM. General, Constructing Division, Washington, D. C.

Bids will be opened at the Constructing Quartermaster's Office, Albrook Field, Canal Zone.

Plans and specifications may be obtained from the Constructing QM., Fort Mason, San Francisco, upon deposit of \$10.00.

Site Selection
POST OFFICE Cost, \$85,000
CAMAS, Wash. NE Cor. of Dallas St. and Fifth Ave.
 U. S. Post Office.
 Owner—U. S. Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
 Site (100 x 150 ft.) submitted by J. J. Harrington and Edward Dohney. Cost, \$8,525.

BIDS WANTED
MANILA, P. I.—Until April 29, 1 P. M. (postponed from March 15), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for installing a complete elevator plant in the U. S. High Commissioner's Office and residence at Manila, P. I.
 Drawings and specifications may be obtained from the above office. No deposit required.

Site Selection
POST OFFICE Cost, \$.....
YUBA CITY, Sutter Co., Calif. East side of Plumus St. bet. Teagarden and Summer Sts.
 United States Post Office.
 Owner—United States Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
 Site (150x195-ft.) submitted by D. Campbell and H. H. Duning. Cost, \$10,450.

BIDS WANTED
SAN FRANCISCO.—Until April 4, 11 a.m., bids will be received by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of twelve units of twenty-one portable demountable buildings each, and one unit of six portable demountable buildings, for CCC camps within the Ninth Corps Area.
 Plans and specifications may be obtained from the above office upon deposit of \$10, payable to the Quartermaster.

CONTRACT AWARDED
SAN DIEGO, Cal.—Fred A. Heilbrom, 1448 5th Ave., San Diego, at \$654, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for additional heating for hangar offices at the U. S. Coast Guard Air Station at San Diego. 7

Site Selected
PARCEL POST BLDG.
 Est. Cost, \$2,000,000
SAN FRANCISCO. Block bounded by Mission, Howard, Spear and Steuart Streets.
 Construction of a Post Office Dept. parcel post building (550 x 275 ft.) near the Bay Bridge Terminal.
 Owner—U. S. Government.
 Architect—Treasury Dept., Washington, D. C.
 Site will be purchased from the Southern Pacific Company for \$396,612.50.
 Sum of \$2,800,000 has been allocated for completion of project.

BIDS OPENED
DOWNNEY, Los Angeles Co., Cal.—Peterson Bros., Inglewood, at \$769 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system at the U. S. post office at Downey.

Other bids were:
 California Lawn Sprinkler, Inc., No. Hollywood, \$840.
 Nick Hemminga, S. F., \$1,050.
 Henry L. Grohne, Decatur, Ill., \$2583.

LATE BIDDER
SAN FRANCISCO.—Jas. I. Barnes Const. Co., Santa Monica, at \$3,179 submitted late bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for making miscellaneous changes and repairs in the U. S. Mint at San Francisco.
 Low bid submitted by Albert E. Mangs & Associates, 666 Mission St., San Francisco, at \$3,999.
 Complete bids published March 8.

BIDS WANTED
KEYPORT, Wash.—Until Mar. 22 bids will be received by the Bureau of Yards & Docks, Navy Department, for painting radio towers; Spec. \$500. Bids will be opened at Puget Sound, Wash. Est. cost, \$4,100.

Contract Awarded
POST OFFICE Cont. Pr., \$50,500
AUBURN, Placer Co., Calif.
 New U. S. Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
 Contractor—Lemcke Const. Co., Albuquerque, N. M.

BIDS WANTED
SAN FRANCISCO.—Until April 7, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for partition changes, etc., at the Federal Office Bldg., San Francisco.
 Drawings and specifications are obtainable from the above office and from the Custodian of the building at San Francisco.

Sub-Contracts Awarded
STORAGE BLDG. Cont. Pr., \$139,444
MARE ISLAND, Solano Co., Calif.
 Construction of paint and oil storage building at the Navy Yard, Mare Island; Spec. 8595. Work includes wood piles, reinforced concrete construction, structural glass blocks, steel and iron work, roof deposit, roofing, sheet metal work, metal doors and windows, marble work, plumbing, heating and electrical systems.

Owner—U. S. Government, Bureau of Yards & Docks, Navy Dept., Washington, D. C.
 Contractor—De Luca and Son, Inc., 1745 Filbert St., San Francisco.
 Marble—Clervi Marble Co., 221 Bayshore Blvd., San Francisco.
 Plumbing and Heating—F. W. Spencer & Son, 2529 Anza St., S. F.
 Electrical Work—G. H. Armstrong, 1388 Van Ness Ave., S. F.
 Painting—D. E. Burgess, 282 7th St., San Francisco.
 Steel Sash and Doors—Detroit Steel Products Co., 111 Sutter St., S. F.
 Steel Rolling Doors—The Kinneer Mfg. Co. of Calif., 361 Brannan St., San Francisco.

Roofing—Pacific Roofing Co., 831 Sonoma St., Vallejo.
 Sheet Metal—Morrison & Co., 74-76 Duocce Ave., San Francisco.
 Glass Blocks—Martin Nelson, 2847 Army St., San Francisco.

HICKAM FIELD, T. H.—Until March 31, bids will be received by Constructing Quartermaster, Capt. H. B. Nurse, Hickam Field, T. H., for furnishing and installing air conditioning equipment in bomb site room in four hangars (Air Corps Double Hangars) at Hickam Field.

Plans prepared by the Office of the QM. General, Constructing Division, Washington, D. C.

BIDS WANTED
MORMON MESA, Nev.—Until Mar. 29, bids will be received by the Chief of the Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility building at Mormon Mesa, Nev. The work consists of furnishing and placing 60-ft. wood poles with antennas; constructing a 17x25-ft. building with concrete floor and foundations; fencing, etc. The Government will furnish special equipment. The work will include 300 c.y. of earthwork; 20 c.y. concrete; 5,000 b.d.m.f. lumber; 400 lbs. reinforcing steel; 100 rods fencing; 100 c.y. road material; Proposal 20947.

9—HOSPITALS

Contract Awarded
HOSPITAL BLDG. Cont. Pr., \$249,800
EAST BAKERSFIELD, Kern Co.,
 Cal. Kern General Hospital.

Four-story steel frame hospital wing to provide for 150 patients (concrete walls and floors, brick veneer exterior, the roof, elevator, asphalt tile floor surfacing, tiled bathrooms, steam heat from central plant). Revised plans contemplate leaving two floors of the building unfinished but there will be no structural changes.

Owner—County of Kern.
 Architect—Chas. H. Blggar, 554 Haberfeld Bldg., Bakersfield.

Structural Engineer—Mark Fak, 908 Washington Bldg., Los Angeles.
 Contractor—Opperman & Co., 1327 Orange Dr., Bakersfield.

Complete bids follow:
 *Trehwitt, Shields & Fisher, Fresno—\$248,488.

Opperman & Co., Bakersfield—\$249,800.

H. Mayson, Los Angeles—\$250,000.
 L. H. Hansen & Son, Fresno—\$250,900.

Henry Eissler, Bakersfield—\$259,000.

J. K. Thomas, Long Beach—\$261,000.

Atlas Constr. Co., Pasadena—\$279,000.

*While the bid of Opperman & Co. was slightly higher than that of Trehwitt, Shields & Fisher, Opperman's time for completion was considered the more favorable and was awarded the contract.

Bids Wanted—To Close April 7th,
 7:30 P. M.

HOSPITAL Cost, \$100,000
WATSONVILLE, Santa Cruz Co.,
 Calif. Alvarado, Monte Vista and
 Brewington Streets.

One-story reinforced concrete and frame hospital bldg. (123 rooms), wards and private patient rooms, soundproof nursery and delivery rooms, waiting room, superintendent's and business offices, consultation and examination rms., surgery, solarium, 2 sun porches, nurses' quarters and living room, kitchens, dining rooms, lighting and fire alarm systems, switchboard, etc.

Owner—Watsonville Hospital Board of Directors (Dr. Frank E. Blaisdell, Secretary).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened at the old Watsonville Hospital, 25 E. 3rd St., Watsonville. All work will be included in the general bids which will be received with twelve alternate proposals, to be published shortly.

PLANNED

ALTADENA, Los Angeles Co., Cal.
 —S. O. Bennett, 1084 Bresee Avenue, Pasadena, will erect a girls' concrete and steel preventorium near the head of Lincoln Ave. and Loma Alta Dr., Altadena, for La Vina Sanatorium. Cost, \$40,000. Myron Hunt and H. C. Chambers, architects, 408 S Spring St., Los Angeles. 9

LOW BIDDERS

VENTURA, Ventura Co., Calif.—W. E. Robertson, 1103 S. La Brea Ave., Los Angeles, submitted low general contract bid to the Ventura County Supervisors at \$104,688, for construction of a 100-bed tuberculosis unit north of Ventura County Hospital in Ventura. Whittaker and Snook submitted the second low bid

at \$107,750; Arthur Pinner, Jr., was third at \$107,778, and Wm. P. Neil Co., fourth at \$107,967. Other low bids were: J. P. Carroll, 218 N. Juanita Ave., Los Angeles, on painting at \$4285; B. C. Wigton, 225 E. Main St., Ventura, on plumbing at \$14,422; B. K. Stoneman, 130 E 81st St., Los Angeles, on heating and ventilating at \$7814; R. R. Jones Elec. Co., 1124 S Pair Oaks Ave., South Pasadena, on electric work at \$10,023. Harold E. Burket, architect, 468 E. Main St., Ventura. 9

Contract Awarded HOSPITAL ADDITION

Est. Cost, \$80,000
RICHMOND, Contra Costa Co., Cal.
 23rd and Gaynor Ave.

Three-story reinforced concrete south wing (40x90 ft.) and two-story reinforced concrete east wing (40 x50 ft.), additions to contain surgeries, private rooms, utility rms., new elevator unit.

Owner—Richmond Cottage Hospital.
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

Contractor—Elmer J. Freethy, 224 16th St., Richmond.

Construction will start in about ten days.

Bids Wanted—To Close April 6
HOSPITAL Cost, \$275,000
ANCHORAGE, Alaska.

Four-story concrete hospital bldg. Owner—Sisters of Charity, House of Providence.

Architect—John W. Maloney, Larson Bldg., Yakima.

Bids will be opened by Sister Mary Mildred, Mt. St. Vincent's, Seattle.

Following have taken out plans:
 Warrack Constr. Co., 1331 3rd Ave.
 Howard S. Wright & Co., 2210 2nd.
 Henrikson - Alstrom Constr. Co., Textile Tower.
 MacDonald Constr. Co., Colman Bldg.

McPherson & Pongratz, Anchorage. All of Seattle, unless otherwise noted.

Bids Opened
ADDITION Cost, \$.....
SANTA CLARA Santa Clara Co.,
 Calif. Los Gatos Road.

One-story frame wing addition to the Santa Clara County Hospital to provide room for 31 beds.

Owner—County of Santa Clara.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Low Bidder—Bert Ward & Son, 1139 Lincoln Ave., San Jose, \$28,690.

Complete bids follow:

Bert Ward & Son, San Jose.....\$28,690

Dan Caputo, San Jose.....28,824

Frank Nevis, Santa Clara.....28,969

Nielsen and Erbentraut, San Jose.....28,995

Carl N. Swenson, San Jose.....30,000

F. C. Stolte Co., Pacific Grove 30,200

M. E. Vukicevich, S. F.....31,716

The bid of M. W. Reese, San Jose, at \$28,269 was disqualified because of an irregularity in bidding bond.

10—HOTELS

Bids Opened
ALTERATIONS & ADDITIONS Cost, \$.....

MORGAN HILL, Santa Clara Co.,
 Cal. Skeel's Hotel.

General alterations and additions to hotel, including new store, tap-room, bedrooms, baths, etc.

Owner—Harry Skeels, c/o Architect.
 Architect—Higgins and Root, Chester Root, Architect, Security Bldg.,

San Jose.
 Low Bidder—Bridges Constr. Co., 1388 Lincoln Ave., San Jose—\$22,851.

General bids were received under

the following propositions:

Prop. (1)—Alterations to and partial demolition to present hotel and addition to rear of building; Prop. (2) new addition to north side of present building. (Alt.) deduct for omitting second floor of rear addition under Prop. 1.

Complete bids follow:
Bridges Constr. Co., San Jose—(1)
 \$22,851.22; (2) \$12,031.66; (alt.) \$3917.94.

G. M. Latta, San Jose—(1) \$23,687; (2) \$15,520; (alt. a.) \$4,235.

N. J. Nielsen, San Jose—(1) \$24,000; (2) \$13,700; (alt. a.) \$4000.

Carl N. Swenson Co., San Jose—(1) \$24,875; (2) \$13,789; (alt. a.) \$3,961.

Bert Ward & Son, San Jose—(1) \$25,990; (2) \$12,509; (alt. a.) \$4,261.

Hanson Bros., San Francisco—(1) \$31,615; (2) \$17,460; (alt. a.) \$5,407.

William Radke, Gilroy—(1) \$32,212; (2) \$17,715; (alt. a.) \$5,500.

Bids held under advisement.

11—ICE AND COLD STORAGE PLANTS

CONTRACT AWARDED

ANAHEIM, Orange Co., Cal.—Gay Engineering Corp., 2730 E 11th St., Los Angeles, awarded contract for erection of a 2-story reinforced concrete precooling plant (54x129-ft.) for the Anaheim Valencia Grange Assn. Cost, inc. equipment, \$70,000. 11

12—POWER PLANTS

BIDS WANTED

BRAWLEY, Imperial Co., Calif.—Until March 31, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for construction of concrete foundation and other structures for additions to Diesel power plant at Brawley, a PWA project. Spec. No. 7 and other data obtainable from the district in El Centro upon deposit of \$10; returnable. The principal items of work involved are: 1100 c.y. excav.; 1330 c.y. backfill; 750 c.y. concrete in the foundation, piers and floors; 15 c.y. oiled sand pad foundation for fuel oil storage tank; 55,000 lbs. reinf. bars furnished and placed. Certified or cashier's check or bond for 5% required. W. W. Goodson, secretary. 12

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

WILLOW SPRINGS, Calif.—Until March 29, 2 p. m., bids will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 50 Higuera St., San Luis Obispo, for construction of a twelve-man bunkhouse and appurtenances at Willow Springs Maintenance Station about 25 miles north of San Simeon, in Monterey County.

Plans and specifications may be obtained from the office of the District Engineer, upon deposit of 50c, payable to the Department of Public Works, Division of Highways.

BIDS WANTED

SAN FRANCISCO—Until March 22, 3 p. m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for furnishing and installing bronze wickets for receiving cage in the San Francisco Water Dept. Bldg., 425 Mason St.

Specifications obtainable from Rm. 701, 425 Mason St.

COMPLETING PLANS

ARLINGTON, Riverside Co., Cal.—
uhnau & Saunders; Kenneth M. uanders, architect, 3484 Jackson St., iverside, have completed working ans and specifications for a civic ilding to be built on Magnolia A-venue, near Castleman St., Arlington, near the Riverside Board of Public Utilities. The board will start tak- ing bids this week and will confine the bidding to Riverside contractors. The building will contain a fire sta- tion, offices and a cell for four pris- ers. Cost of building not to ex- ceed \$35,000. 13

Plans Completed

ADDITION Est. Cost, \$2800
SACRAMENTO AIRPORT, Cal.
Addition to administration building of two offices and observation tower to house U. S. Weather Bureau.
Owner—City of Sacramento.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Construction will be done by the City of Sacramento.

Working Drawings Completed

GRANDSTAND Cost, \$35,000
WERNDALE, Humboldt Co., Cal.
Construction of all timber grand- stand (100 x 55 ft.), composition roofing, concrete foundation, ring connectors, etc.
Owner—Humboldt County Fair.
Architect—Franklin T. Georgeson, Georgeson Bldg., Eureka.
Engineer—W. H. Ellison, 821 Market St., San Francisco.

LOW BIDDER

YERBA BUENA SHOALS.—B. F. Garofolo, P.O. Box 464, Pleasanton, at \$2.25 per cubic yard, submitted low bid to the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco, for furnishing and distributing fertilizer at Yerba Buena Shoals. Contract No. 149.

Contract Awarded
AIR CONDITIONING

Cont. Pr., \$29,760
SACRAMENTO, Calif.
Air conditioning of the fifth floor only of the Library and Courts Bldg., and of Office Bldg. No. 1.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Contractor—Hateley & Hateley, 1714 10th St., Sacramento.

Contracts Awarded

BARRACKS
YOUNTVILLE, Napa Co., Calif.
Erection and completion of Barracks No. 7 at the Veterans' Home at Yountville, consisting of a two-story reinf. concrete bldg. with steel sash and tile roof, together with approximately 880 ln. ft. of services, conduits and manholes.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
General Work
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., San Francisco—\$178,173.
Electrical Work
Collins Electrical Co., 708 E. Market St., Stockton—\$9,413.
Plumbing Work
Scott Co., Inc., 243 Minna St., San Francisco—\$20,137.
Heating Work
W. A. Aschen, 3000 E. 16th Street, Oakland—\$17,394.

BIDS WANTED

MONTE NIDO, Cal.—Until April 5, 2 P. M., bids will be received by the Los Angeles County Supervisors for

a patrol station to be built at Monte Nido; Spec. 437. It will be a one-story structure, 61x32-ft. in area, containing dormitory, kitchen, office, bathroom and apparatus room. There will also be a gas and oil house, 9x9 feet. 13

Low Bidder
PLASTERING

YERBA BUENA SHOALS. Site of the 1939 World's Fair.
General plastering, East Walls and East Towers at the Exposition site; Contract No. 134.
Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street.
Low Bidder—Wm. Metcalf, 2687 24th Ave., San Francisco—\$24,014.

Bids Opened

PILE FOUNDATIONS
AGNEW STATE HOSPITAL, Santa Clara Co., Calif.
Erection and completion of pile foundation for Ward Unit No. 3 at Farm; work includes furnishing and installing 615 cast-in-place concrete piles having an average length of approx. 25 feet together with rough excavation of building site.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Low Bidder—John Strona, Pomona—\$30,006.19.

Complete bids follow:
John Strona, Pomona—\$30,006.19;
(Item 1) \$1,298.41, (Item 2) \$28,707.78.
Ben C. Gerwick, Inc., S. F.—\$31,017;
(1) \$1,767, (2) \$29,250.
Raymond Concrete Pile Co., S. F.—\$32,197; (1) \$1,500, (2) \$30,697.
Carl N. Swenson Co., San Jose—\$36,880; (1) \$1,825, (2) \$35,055.

Bids Wanted—To Close March 28, 4 P. M.

ADDITION Est. Cost, \$40,000
SACRAMENTO, Calif. I Street, bet. Ninth and Tenth Sts.
Two - story reinforced concrete addition to the City Hall.
Owner—City of Sacramento.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Following contractors have taken out plans:
Otto Steinbrenner, 2146 Perkins Way.
Wm. C. Keating, 1121 24th St.
Chas. F. Unger, 2428 7th Ave.
Holdener Constr. Co., 2608 R St.
H. W. Robertson, 31st and P Sts.
Campbell Const. Co., 800 R St.
Lindgren & Swinerton, Inc., 619 H Street.
All of Sacramento.
Plans and specifications may be obtained at the architect's office upon deposit of \$25.
All work included in general contract.

Sub Contract Awarded

ELEPHANT GROUP CON. Pr., \$22,347
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction of Elephant Group at Main Entrance Towers; Contract No. 139.
Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Barrett & Hllp, 918 Harrison St., San Francisco.
Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant Sts., San Francisco.

Bids Wanted—To Close April 4
LIBRARY Est. Cost, \$5,900
CARMICHAEL, Sacramento Co., Cal.
One-story frame library building.
Owner—County of Sacramento.
Architect—Harry Devine, Cronan Bldg., Sacramento.

New Bids Wanted—To Close March 28, 10:00 A. M.

JAIL ADDITION Cost, \$42,000
MADERA, Madera Co., Cal.
Two - story reinforced concrete and granite wing addition to connect with existing building by 20-foot court; remodel front of existing bldg.; new office rooms, women's ward on 2nd floor of new wing; basement to house kitchen, laundry and equipment.
Owner—County of Madera.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans Specifications and Addenda to specifications may be obtained at the office of the architect upon deposit of \$25.

Bids will be opened in the Supervisors' Chambers at the Courthouse, Madera, and must be accompanied by a certified check, cashier's check, or bidder's bond in the amount of 10% of bid.

All bids received Feb. 1 were rejected and returned to bidders unopened.

Planned Est. Cost, \$8,000
ADDITION
PALO ALTO, Santa Clara Co., Cal.
Two - story frame and stucco addition on rear of present city hall (4 rooms) consisting of mayor and city clerk's offices, and billing department.

Owner—City of Palo Alto (Mrs. Winifred Kidd, City Clerk).

Plans by Engr. Dept. of Owner.
It is reported that appropriation will shortly be made to finance the work.

Sub-Contracts Awarded

CITY HALL Cost, \$.....
LAWNDALE, San Mateo Co., Calif.
NW Cor. Ely Camino Real and Jewell Avenue.
Complete exterior work only with no inside finish work for a 1-story and basement frame city hall bldg. to contain courtroom, city clerk's office, health department, police department, post office, jail and garage (tile roof, stucco finish, wood sash, gas-steam radiators).
Owner—City of Lawndale.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Contractor—H. H. Smith, 2 Hillsdale Blvd., Daly City.
Roofing—Izmirian Roofing & Sheet Metal Works, 229 S. Railroad Avenue, San Mateo.
Sheet Metal—Excelsior Sheet Metal Products, 4260 Mission St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Iron Grille Work—Star Ornamental Iron Works, 227 Bay Street, San Francisco.
Mill Work—A. L. Stockton.
Hardware—Dunham, Carrigan - Hayden, Kansas and Division Sts., San Francisco.
Painting—A. A. Zelinsky & Sons, Inc., 911 Folsom St., San Francisco.
Lathing and Plastering—A. Milano.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts., San Francisco.

CONTRACT AWARDED
SAN FRANCISCO.—Edwin Anderson, 998 Gilliam Ave., at \$5,900 was awarded contract by the Department of Public Works, City Hall, for painting Stockton Street Tunnel.

BIDS OPENED

SAN FRANCISCO.—Anchor Post Fence Co. of Calif., 469 5th St., at \$135, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing bronze letters 18 inches high and 3/4-inch thick, forming sign at Alta Vista school.

Complete bids follow:
Anchor Post Fence Co. of California—\$135.
Michei & Pfeffer Iron Works, Inc.—\$17.
Tornberg Metal Products—\$196.
M. Greenberg's Sons—\$204.97.
Arnke Iron Works—\$220.10.
Fire Protection Products Co.—\$275.

Contracts Awarded

SCHOOL Cont. Price, \$34,800
KERN COUNTY, Cal. Near Shafter. One-story reinforced concrete school building on Richland school site. Owner—Richland Grammar Sch. District. c/o Clerk.
Architect—Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno.
Contractor—R. Hodgson & Sons, 510 Second St., Porterville.

General contract awarded accepting alternate (1) deduct for omitting plumbing work.
Frank Hudson, 2141 S. Van Ness, Fresno, at \$7,162 will be awarded contract for mechanical work.

Plans Completed

ADDITION Est. Cost, \$35,000
PIEDMONT, Alameda Co., Calif. 800 Magnolia Avenue.
One-story concrete library addition (40x70 feet), to join study hall with business manager's office and supply rooms adjoining library, to conform with present architecture; terra cotta tile roof.
Owner—Piedmont High School.
Architect—H. H. Weeks, 593 Market Street, San Francisco.
Plans now in Sacramento awaiting approval of State Division of Architecture.

BIDS WANTED

LOS ANGELES, Cal.—Until March 25, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for new reinforced concrete shop building to be built at Hollywood high school, 1521 N. Highland Ave. Separate bids will be taken as follows: (1) general work (2) plumbing; (3) heating and ventilating; (4) painting; (5) electric. Est. cost, \$51,100. Marsh, Smith and Powell, architects, 816 W 5th St.

Contract Awarded

HIGH SCHOOL Cont. Pr., \$107,857
EL CERRITO, Contra Costa Co., Cal. El Cerrito High School.
First unit of 3-story reinforced concrete high school building, consisting of the shell of the building without any finish work. Work will include concrete walls, floors, etc.
Owner—Richmond Union High Sch. District (Walter T. Helms, Supt. of Schools).

Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Structural Engineer—W. Ardian, 417 Market St., San Francisco.
Contractor—W. K. Van Bokkelen Construction, 439 23rd St., Oakland.

General contract includes acceptance of Alternates 1 and 2.
Complete bids published March 9.

Plans Approved

ADDITION Cost, \$50,000
ALBANY, Alameda Co., Calif.
Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.

Owner—Albany High School District. Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Plans and specifications have been approved by the State Division of Architecture.

SUB-CONTRACTS AWARDED

DAVIS, Yolo Co., Calif.—Lawrence Const. Co., 5372 Ninth Ave., Sacramento, awarded the following sub-contracts for construction of garage unit No. 3 (temporary mathematics-physics building) at the University Farm, Davis:
Roofing—The Allyn Lor Burr Co., 2147 St.

Sheet Metal—Frank Z. Ahi Sheet Metal Works, Inc., 2114 P St.
Glass—W. P. Fuller & Co., 1013 12th St.
Lumber—Davis Lumber Co., 820 3rd St., Davis.

Mill Work—Burnett & Sons, 11th and C Streets.

Lathing and Plastering—Thomas P. Scollan, 2919 T Street.

Concrete—Perkins Gravel Co., 1846 37th Street.
All of Sacramento unless otherwise indicated.

Plans Approved

HIGH SCHOOL Est. Cost, \$50,000
SAN ANSELMO, Marin County, Cal. Sir Francis Drake Boulevard and Saunders Avenue.

One-story and basement frame and stucco high school building containing five classrooms, assembly hall and woodwork shop; concrete foundations.

Owner—Tamalpais Union High Sch. District.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.

Plans have been approved by the State Division of Architecture and bids will be asked in about two weeks.

Bids Wanted

ADDITION Cost, \$15,000
YUBA CITY, Sutter Co., Cal.
One-story frame and stucco addition to the high school containing three classrooms (composition roof).

Owner—Yuba City Union High Sch. District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications obtainable from the architect's office. Further details shortly.

Bids Wanted—To Close April 12, 2:00 P. M.

SCHOOL Cost, \$230,000
ANCHORAGE, Alaska.
New grade school and additions to high school.

Owner—Anchorage School District.
Architect—F. A. Naramore, 514 Central Bldg., Seattle.

Plans and specifications obtainable from the architect's office upon deposit of \$40.

16—BANKS, STORES AND OFFICES

Plans Being Figured—Bids Close

REMODEL BANK Cost, \$20,000
OROVILLE, Butte Co., Cal.
Remodel bank building; new counters, marble work, air conditioning system, etc.
Owner—First National Bank, Oroville.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans are being figured by local contractors only.

BIDS WANTED

LOS ANGELES, Cal.—Roy Wertheimer & Co., 3429 Bellevue Ave., desire general contract bids for a Class A building, 70x150 feet in area, to be built at Bellevue Ave. and Tulsa Rosa St. for the Farmers & Merchants Inv. Co. It will be a reinforced concrete structure with steel sash and elevator; est. cost, \$120,000. 16

Contract Awarded

ALTERATIONS AND ADDITIONS Cost, \$30,000

RICHMOND, Contra Costa Co., Cal. Thirteenth and Macdonald Sts. Addition of second story to building, construction of a mezzanine floor and remodeling of exterior of building.

Owner—Central Furniture Company, Premises.

Architect—Raymond De Sanno, 2584 Milvia St., Berkeley.

Contractor—Fred Hosking, 541 Civic Center, Richmond.

Construction will start April 1.

TAKING SEGREGATED BIDS

LONG BEACH, Los Angeles Co., Cal.—Capital Co., 643 S. Olive St., Los Angeles, is taking segregated bids for altering a 1-story and basement bank building at 101 Pine Avenue, Long Beach, for Bank of America. Work will include concrete cutting, reinforced concrete columns and beams, struc. and misc. iron, steel studs, brick work, terra cotta, plate and wire girders, metal panel partitions, metal doors, marble and tile, plaster, painting, plumbing, bronze work, electric wiring, acoustical tile, bank fixtures and screens, rubber tile, linoleum, mastic tile, linowall, heating and ventilating system, steel sash, Venetian blinds, hydraulic elevator. Est. cost, \$35,000. 16

Sub Contracts Awarded

MEDICO-DENTAL BLDG. Cost, \$.....
SEBASTOPOLE, Sonoma Co., Cal.
One-story frame medico-dental bldg., composition roof, some steel and wood sash, gas furnace, linoleum floors, etc.

Owner—Dr. Chester Marsh, c/o Architect.

Architect—Clarence Caukins, Rosenberg Bldg., Santa Rosa.

Contractor—Sam Swindler, 912 Petaluma Ave., Sebastopol.

Plumbing, Electric Wiring and Heating—Metcalf Hardware Co., Main and Bodega Ave.

Sheet Metal and Tile Work—W. D. Callahan, 631 Bodega Ave.

Glass, Mill and Hardware—Smith's Planning Mill.

Iron Grille Work—Mark Haines Welding Shop, 5 B St., Santa Rosa.

Brick, Grading and Foundations—D. Lancina, Rt. 2, Box 367, Santa Rosa.

Lumber—Hess Lumber Co., Sebastopol.

Painting—W. B. Coats, 238 S. Main St., Sebastopol.

Lathing and Plastering—F. C. Walker, 825 Lichfield Ave., Sebastopol.

Linoleum—Star Furniture Co.

Bids Rejected

ALTERATIONS AND ADDITIONS Cost, \$.....

ALAMEDA, Alameda Co., Cal. Central and Park.

Alterations and additions to building. Owner—Commercial National Bank and Central Bldg. & Loan Assn.

Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.

Plans are being revised and new bids will be asked shortly.

George Swanstrom, 1615 78th Ave., Oakland, at \$30,310 submitted previous low bid.

Contract Awarded
ALTERATIONS Cost, \$25,000
SACRAMENTO, Cal. 1100 Y St.
 Alterations to building.
 Owner—Cardinal Field, Prem.
 Architect—Not Given.
 Contractor—Lindgren & Swinerton,
 Inc., 615 Standard Oil Bldg., San
 Francisco. 16

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., Cal.
 —Joshua H. Marks-Charde Co., 816
 W 5th St., Los Angeles, awarded
 contract for erection of a 2-story
 and basement, Class A department
 store building (100x75-ft.) on the NE
 corner of 7th St. and Pacific Ave.,
 San Pedro, for S. H. Kress & Co., 114
 Fifth Ave., New York City. Plans
 prepared by Architect Edw. F. Sibbert,
 114 Fifth Ave., New York City.
 Elevator will be let under separate
 contract. Construction will start in
 two weeks. 16

Bids Opened
PILE FOUNDATIONS
SACRAMENTO, Calif.
 Erection and completion of the pile
 foundations for State Office Bldg.
 No. 3 at Sacramento; work includes
 excavation, cast-in-place
 concrete piles, and pile caps for
 foundation of building covering
 a ground area of approximately
 315 x 150 feet.
 Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect, Public Works Bldg.,
 12th and N Sts., Sacramento.
Low Bidder—Raymond Concrete Pile
Co., 333 Montgomery St., S. F.—
\$85,821.
 Complete bids follow:
 Raymond Concrete Pile Co., S. F.—
 \$85,821; (Item 1) \$16,138, (Item 2)
 \$52,136, (Item 3) \$17,547.
 John Strona, Pomona—\$86,039.43;
 (1) \$10,796, (2) \$60,491.98, (3) \$14,751.45
 Ben C. Berwick, Inc., S. F.—\$98,117;
 (1) \$13,117, (2) \$70,000, (3) \$15,000.
 George Pollock Co., Sacramento—
 \$110,411; (1) \$2000, (2) \$72,000, (3)
 \$16,411.

To Be Done By Day's Work
ALTERATIONS Cost, \$25,000
FRESNO, Cal. 901 Fulton St.
 Alterations to stores and rooms.
 Owner—Milo Rowell and Wm. Dunn,
 Prem.
 Architect—Franklin & Kump, Jr., 202
 T. W. Patterson Bldg., Fresno. 16
 (2636)

Preparing Preliminary Plans
MODERNIZATION Cost, \$.....
SAN FRANCISCO. Grant Ave. at
 Geary St.
 Interior modernization of store consist-
 ing of new elevator cabs and
 doors, new show windows, re-arrange-
 ment of depts., etc., and
 modernization of exterior of bldg.
 Owner—Livingston Bros., Inc.
 Architect—A. R. Williams, 251 Post
 St. (interior) and T. L. Plueger,
 580 Market St. (exterior).

Preparing Preliminary Plans
STORE Est. Cost, \$25,000
CARSON CITY, Nevada.
 Two-story store building, with apts.
 and offices on second floor; steel
 girders and columns.
 Owner—Withheld.
 Architect—Fred Reimers, 233 Post
 St., San Francisco.
 Upon completion of plans, general
 bids will be asked.

CONTRACT AWARDED
SAN FERNANDO, Los Angeles Co.,
Cal.—Contracting Engrs. Co., 2310½
W Vernon Ave., Los Angeles, awarded
 contract by the Los Angeles Water
 and Power Department March 8,
 at \$27,761 (including air condition-

ing), for the construction of a commercial
 office building in San Fernando;
 Spec. 2502. Plans were prepared
 by the owner's engineering department.
 16

PLANNED
LOS ANGELES, Calif.—Beverly
Hills Medical Arts Corp., 1142 Glendon
Ave., West Los Angeles, will
 build a two-story medical office
 bldg., 100x116 feet in area, at 415
 N. Camden Dr., Beverly Hills, for
 themselves. Cost, \$75,000. Wm. D.
 Coffey, struc. engr., 1142 Glendon
 Ave. 16

Contract Awarded
STORE Cost, \$12,000
STOCKTON, San Joaquin Co., Calif.
 630 E Weber Avenue.
 One-story brick store building.
 Owner—Stockton Ice & Fuel Co., 33
 S El Dorado St., Stockton.
 Architect—Not Given.
 Contractor—O. H. Chain, 41 S. Sutter
 St., Stockton. 16

Additional Sub Contracts Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO. NE Pine St. and
Van Ness Ave.
 Alter car washing building.
 Owner—Pacific Gillespie System, Inc.,
 79 New Montgomery St.
 Architect—Not Given.
 Contractor—Barrett & Hill, 918 Harrison
 St.
 Mill Work—J. A. Hart Mill & Lumber
 Co., Jerrold and Napoleon
 Streets.
 Glass—W. P. Fuller & Co., 301 Mission
 Street.
 Roofing—Alta Roofing Co., 976 Indiana
 St.
 All of San Francisco.
 Sub contracts previously awarded
 published March 1.

Plans Completed
REMODEL BANK Cost, \$20,000
OROVILLE, Butte Co., Cal.
 Remodel bank building; new counters,
 marble work, air conditioning
 system, etc.
 Owner—First National Bank, Oroville.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.

Construction Starts Shortly
ALTERATIONS Cost, \$51,000
REDDING, Shasta Co., Cal. "The
Big Store."
 General alterations to store building;
 installation of elevator.
 Owner—The Pioneer Store Co. (W.
 M. Klement, Pres.).
 Architect—Not Given.
 Contractor—J. B. Brennan, Redding.
 Construction will start Monday. 16

Contract Awarded
ALTERATIONS Cont. Pr., \$49,532
SAN FRANCISCO. Stockton St. and
 Market.
 Interior alterations and installation
 of fixtures in store.
 Owner—Roos Bros., Inc., premises.
 Architect—A. R. Williams, 251 Post
 St.
 Contractor—Mullen Mfg. Co., 60 - 80
 Rausch Street.

Sub-Contracts Awarded
STORE BLDG. Cont. Pr., \$16,384
SAN RAFAEL, Marin Co., Calif. 3rd
and A Streets.
 New store building.
 Lessee—Safeway Stores, Inc.
 Architect—Italo Zanolini, 604 Mont-
 gomery St., San Francisco.
 Contractor—De Luca and Son, Inc.,
 1745 Filbert St., San Francisco.
 Glass—W. P. Fuller & Co., 301 Mis-
 sion Street.
 Iron Work—Star Ornamental Iron
 Works, 227 Bay Street.

Wood Trusses—Summerbell Truss Co.
 405 Builders Exchange Building,
 Oakland.
Asphalt Tile—Malott & Peterson, 2412
Harrison St.
Painting—W. G. Thompson, 336
Church Street.
 All of San Francisco unless other-
 wise indicated.

Sub-Contracts Awarded
ALTERATIONS Cost, \$15,000
BERKELEY, Alameda Co., Cal. 2151
Shattuck Avenue.
 Alterations to present building.
 Owner—Pacific States Savings and
 Loan Co., 745 Market St., San
 Francisco.

Architect—A. F. Roller, Crocker 1st
National Bank Bldg., San Francisco.

Contractor—P. J. Walker Co., 55 New
Montgomery St., San Francisco.
Terra Cotta Tile—Gladning, McBear
& Co., Harrison and 9th Streets,
San Francisco.

Ornamental Bronze—Sartorius Co.,
2530 18th St., San Francisco.

Structural Steel—Herrick Iron W'ks,
1729 Campbell St., Oakland.

Masonry—Wm. A. Rainey and Son,
323 Clementina St., San Francisco

Plastering—James F. Smith, 271 Min-
na St., San Francisco.

Steel Studs and Reinforcing Steel—
Soule Steel Co., 1750 Army Street,
San Francisco.

Plumbing—The Scott Co., 113 Tenth
St., Oakland.

Electric Work—T. L. Rosenberg Co.,
411 Webster St., Oakland.

Sheet Metal—East Bay Sheet Metal
Works, 1101 Market St., Oakland.

Glass and Glazing—W. P. Fuller and
Co., 301 Mission St., S. F.

Mil'work—Lannon Bros. Mfg. Co., 5th
and Magnolia Sts., Oakland.

Marble—Vermont Marble Co., 525
Market St., San Francisco.

Rubber Tile and Cork—Van Fleet-
Freear Co., 557 Howard St., S. F.

Contract Awarded
OFFICE BLDG. Cont. Pr., \$9,426
SAN FRANCISCO. N Chestnut 103
W Mason Street.

One - story reinforced concrete bldg.
Owner—Scavengers Prot. Assn., 660
Chestnut Street.

Architect—Not Given.
Contractor—G. B. Delucchi, 4 Sharp
Place. 16

CONTRACT AWARDED
LOS ANGELES, Cal.—C. L. Peck,
H. W. Hellman Bldg., awarded con-
 tract for construction of a 1-story
 addition to the Wilshire Medical
 Bldg., 1930 Wilshire Blvd. All work
 included in general contract. The
 addition will have a floor area of
 approximately 3000 sq. ft. and will
 house a General Electric equipment
 sales room. Earl T. Heitschmidt, archi-
 tect, 808 Subway Terminal Bldg.
 16

17— THEATRES

Contract Awarded
WRECK THEATRE Cost, \$.....
SAN FRANCISCO. 141 O'Farrell St.
 Wreck building known as Columbia
 Theatre.
 Owner—Kohler & Chase, 26 O'Far-
 rell Street.
 Architect—W. D. Peugh, 333 Mont-
 gomery Street.

Contractor—EmSCO Concrete Cutting
Corp., 147 11th St.
 Preliminary plans prepared for a
 new building on the site. The owner
 reports that the project is still in
 a tentative stage, and further de-
 tails will be announced at a later
 date.

Contract Awarded
ALTERATIONS Cost, \$7,000
OAKLAND, Alameda Co., Cal. 5812
 San Pablo Ave.
 Alterations to building.
 Owner—Golden State Theater Co., 25
 Taylor St., San Francisco.
 Architect—A. A. Cantin, 64 Pine St.,
 San Francisco.
 Contractor—Alfred J. Hopper, 243
 Longton St., San Francisco.

18—WHARVES & DOCKS

BIDS OPENED

SAN PEDRO, Cal.—Wm. P. Neil
 Co., Ltd., 4814 Loma Vista Ave., Los
 Angeles, at \$1,443, submitted low bid
 to the Public Works Office, Eleventh
 Naval District, San Diego, under
 Spec. 8555, for relocation of floats at
 the Twenty-second St. Navy Land-
 ing (Berths Fifty-six and Fifty-sev-
 en), San Pedro.

Other bids were:

Club Boat Shop, Wilmington.....	\$1895
E. C. Nickel, Los Angeles.....	1900
W. H. Barber, San Diego.....	2000
Hull, Smale & Robinson, Inc., Wilmington.....	2346 18

19—MISC. CONSTRUCTION

BIDS OPENED

SAN FRANCISCO, Cal.—J. B.
 Rogers Company, 110 Sutter St., San
 Francisco, at \$195, submitted low bid
 to the San Francisco Department of
 Public Works, Room 251, City Hall,
 for test holes at Laidley Street slide,
 corner of Roanoke and Laidley Sts.,
 San Francisco.

Total bids follow:

J. B. Rogers Co., 110 Sutter St., San Francisco—\$1.30; total, \$195.	
R. Garcia, Palo Alto—\$1.75; total, \$282.50.	
M. B. McGowan, Inc., S. F.—\$2.40; total, \$360.	
T. Garcia, Redwood City—\$2.45; total, \$367.50.	19

CONTRACT AWARDED

SAN FRANCISCO, Calif.—J. B.
 Rogers Company, 110 Sutter St., San
 Francisco, at \$195, awarded contract
 by the San Francisco Dept. of Pub.
 Works, Room 251, City Hall, for test
 holes at Laidley Street slide, corner
 of Roanoke and Laidley Streets, San
 Francisco. * 19

20—MISC. SUPPLIES AND MATERIALS

March 15, 1938

BIDS REJECTED

RUBY DAM, Whatcom Co., Wash.
 The Seattle Board of Public Works
 C. W. Roberts, secretary, 509 Com-
 munity-City Bldg., Seattle, rejected all
 bids for furnishing two 72-in. diam-
 eter steel pipe, steel trash rack and
 trash rack guides, etc., for Ruby
 Dam. Puget Sound Machinery De-
 pot, Seattle, at \$14,404.39 submitted
 low bid. * 20

LOW BIDDERS

LOWELL, Snohomish Co., Wash.
 Following submitted low bids to the
 Lowell Water District, for furnish-
 ing materials for Public Water Dis-
 trict.

Bids were taken on:

(1) 1930 ft. of 8-in., 25,000 ft. of 6-in.,
 2430 ft. of 4-in. and 400 ft. of 2-
 in. steel pipe;
 (3) cast iron pipe and transite pipe;
 (3) 48 hydrants and 36 valves;
 (4) 60,000 gal. steel storage tank.

Low bids were:

Agnew Hardware Co., Everett, Wash.
 (1) \$17,321.

Pacific Water Works Supply Co., At-
 lantic St. Dock, Seattle, (2) \$19,-
 861; \$18,714; (3) \$3,127.
 Rensselaer Valve Co., Arctic Bldg.,
 Seattle, (3) \$728 (valves only).
 Chicago Bridge & Iron Co., San Fran-
 cisco, (4) \$4430.
 Pacific Water Works Supply Co. and
 A. P. Smith Mfg. Co., (3) \$2376
 (hydrants only). * 20

BIDS WANTED

SALT RIVER PROJECT, Ariz.—
 Until April 4, 2 p.m., bids will be re-
 ceived by the Bureau of Reclama-
 tion, Denver, Colorado, under Spec.
 No. 1050-D, for furnishing and de-
 livering stairways and walkways for
 installation in the Bartlett Dam, Salt
 River Project, Arizona; f.o.b. ship-
 ping point and/or Phoenix. Mate-
 rials will be installed by the Govern-
 ment.

Plans and specifications may be
 obtained from the above office. * 20

CONTRACT AWARDED

PARKER DAM PROJECT.—Mon-
 dlith Portland Cement Co., Los An-
 geles, at \$33,120, awarded contract
 by the Bureau of Reclamation,
 Washington, D. C., under Spec. No.
 1034-D, for furnishing and delivering
 approximately 24,000 barrels of low
 heat Portland cement in bulk for the
 Parker Dam Project, California-
 Arizona. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until March
 25, 3 P. M., bids will be received by
 U. S. Engineer, Los Angeles, for fur-
 nishing 487,000 lbs. fabricated steel
 and other metal work incidental to
 superstructures for the Wilmington
 Blvd., Compton Blvd. and Olive St.
 bridges over Compton Creek. Circ.
 Prop. 367. The items are:
 (1) 148,000 lbs. for Olive St. bridge;
 (2) 161,000 lbs. for Wilmington Blvd.
 bridge;
 (3) 178,000 lbs. for Compton Boul-
 vard bridge.

Bid bond for 10% must accompany
 bid. * 20

BIDS WANTED

SACRAMENTO, Cal.—Until March
 24, 3 P. M., bids will be received by
 the U. S. Engineer Office, Col. L. E.
 Chambers, District Engineer, Room
 208, Post Office Bldg., Sacramento,
 under Circ. Prop. No. 1105-38-217, for
 furnishing and delivering miscella-
 neous castings, fob Rio Vista.

Bids will be taken on:

(1) a one cutterkey;
 (a) three cutterkey sockets;
 (c) one cutterkey;
 (2) 50 pipe taper ends;
 (3) one lot piston ring castings;
 (4) two crank pin brasses or cutter
 engine.

Plans and specifications may be
 obtained from the above office. * 20

BIDS OPENED

SAN FRANCISCO.—N. E. Otter-
 son Co., 630 Mason St., San Fran-
 cisco, at \$4,320.10 submitted low bid
 to the U. S. Engineer Office, Lt.-Col.
 J. A. Dorst, District Engineer, 401
 Custom House, San Francisco, under
 Bid No. 868-38-101, for furnishing and
 delivering approximately 3950 lf. of
 pre-fabricated, non-corrosive, chain
 link fencing 84-in. high, surmounted
 by barbed wire guards, complete with
 posts, gate, braces, fittings, etc., nec-
 essary for complete erection.

Estimated quantities are:

(1) 3950 lf. line fencing, complete;
 (2) one 12-foot double swing gate,
 complete with posts;
 (3) one 20-ft. 6-in. double swing gate,
 complete with posts;
 (4) four corner posts.

Total bids follow:

N. E. Otterson Co., 630 Mason St.,
 San Francisco: (1) \$1.04 (2) \$67.90
 (3) \$109.20 (4) \$8.75; total, \$4,320.10;
 fob Monessen, Pa.; 40 days.

Cyclone Fence Co., San Francisco:
 (1) \$1.58 (2) \$74 (3) \$118 (4) \$11; to-
 tal, \$6,477 net fob Waukegan, Ill.; 14
 days; wt. 2300.

Anchor Post Fence Co. of Calif.,
 San Francisco: (1) \$1.67 (2) \$65 (3)
 \$110 (4) \$10.80; total \$6,814.70; net;
 fob Baltimore, Md.; 21 days; wt. 2-
 100.

Copperweld Steel Co., San Fran-
 cisco: (1) \$1.79 (2) \$68.69 (3) \$116.15
 (4) \$12.56; total, \$7,205.53; net; fob
 Waukegan, Ill.; 14 days; wt. 2200.

Page Steel & Wire Co., San Fran-
 cisco: no unit pipe; total, \$7,355; net;
 fob Monessen, Pa.; 21 days; wt. 1747.

Chain Link Fence Corp., Chicago:
 (1) \$2 (2) \$68 (3) \$105 (4) \$10; total
 \$8113; 1% 20 days; fob Chicago; 35
 days; 1700 lbs. * 20

BIDS WANTED

SACRAMENTO, Cal.—Until March
 25, 8:15 P. M., bids will be received
 by the Sacramento City Council, H.
 G. Denton, City Clerk, City Hall, for
 furnishing 1000 lf. of 4-inch, 2000 lf.
 of 6-inch and 1000 lf. of 8-in. bell
 and spigot cast iron pipe.

Plans and specifications may be
 obtained from the above office. * 20

BIDS WANTED

OAKLAND, Cal.—As previously re-
 ported, until March 23, 5:30 p.m., bids
 will be received by the East Bay
 Municipal Utility District, John Kim-
 ball, Secretary, 512 16th St., Oakland,
 under Pro. LS-212, for the electric
 welding of field joints in 24-inch,
 25-inch and 36-inch diameters steel
 pipe lines, total approximately 26,500
 feet long. Work involves: 36-inch
 steel pipe ¼ inch thick, 1800 feet
 long, welded 6000 feet; 25-inch steel
 pipe, 3/16 inch thick, 7200 feet long,
 welded 1800 feet; 24-inch steel pipe,
 3/16 inch thick, 1300 feet long, weld-
 ed 300 feet.

Plans and specifications may be
 obtained from the above office. * 20

CONTRACT AWARDED

ALMAEDA, Alameda Co., Calif.—
 Maydwell & Hartzell, Inc., 158 11th
 St., San Francisco, was awarded the
 contract by Alameda Public Utili-
 ties Board, G. A. Baxter, Secretary,
 2440 Santa Clara Ave., Alameda, for
 furnishing western red cedar poles.

Maydwell & Hartzell, Inc. and Cas-
 cade Pole Co. submitted identical low
 bids as follows:

30-foot:
 Class (1) \$9.70; (2) \$9; (3) \$8; (4)
 \$7.35; (5) \$6.80; (6) \$6.40; (7) \$5.55.
 35-foot:

Class (1) \$12.45; (2) \$11.50; (3)
 \$12.05; (4) \$10.20; (5) \$9.65; (6)
 \$8.20; (7) \$7.20.

40-foot:
 Class (1) \$14.55; (2) \$13.60; (3)
 \$12.85; (4) \$11.95; (5) \$11.20; (6)
 \$10.40.

45-foot:
 Class (1) \$17.60; (2) \$16.35; (3)
 \$14.60; (4) \$14.05; (5) \$12.90.

50-foot:
 Class (1) \$19.05; (2) \$18.05; (3) \$16-
 55; (4) \$15.40; (5) \$14.65.

55-foot:
 Class (1) \$22; (2) \$20.50; (3) \$18.65;
 (4) \$17.60; (5) \$16.80.

60-foot:
 Class (1) \$24.55; (2) \$22.50; (3)
 \$20.65; (4) \$19.65.

J. H. Baxter Co., Howard W. Bax-
 ter Co., James L. Hall and Westing-
 house Electric Supply Co. submitted
 other bids. * 20

CONTRACT AWARDED
COLORADO RIVER PROJECT.
 Texas—Longhorn Portland Cement Company, San Antonio, Texas, at \$2,900 (1), and Trinity Portland Cement Co., Dallas, at \$669,800 (2), were awarded contracts by the Bureau of Reclamation, Washington, D. C. under Bid No. 1032-D, for furnishing (1) 41,000 bbls., (2) \$340,000 worth of Portland cement for Marshall Dam, Colorado River Project.

BIDS WANTED
OAKLAND, Calif.—Until March 23, 1930 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-211, for electric welding of 24-25-36-in. steel joints. Work includes: 36-in. steel pipe, 1/4-in. thick, 30-ft. long welded 6000 feet; 25-in. steel pipe, 3/16-in. thick, 7200-foot electric welded 1800 feet; 24-in. steel pipe, 3/16-in. thick, 1300 feet long welded 300 ft.

Plans and specifications may be obtained from the above office. * 70

CONTRACT AWARDED
LOS ANGELES.—P. J. Akmadah, at \$13,533.50, was awarded contract by U. S. Engineer, Los Angeles, for furnishing and delivering 25 tons asphalt concrete base and 25 tons asphalt concrete wearing surface; Circ. Prop. 332. * 20

BIDS OPENED
LOS ANGELES, Calif.—Bids for steel sheet piling, interlocking type, lbs. per sq. ft. of wall, f.o.b. Lanshlm Blvd. bridge over L. A. River and/or f.o.b. mill, Circ. Prop. 329, were opened by U. S. Engineer. The items are:
 6,912 lbs., 12 ft. long (16 pcs.);
 48,060 lbs., 15 ft. long (89 pcs.);
 14,400 lbs., 20 ft. long (20 pcs.);
 8,100 lbs., 25 ft. long (9 pcs.);
 10,800 lbs., 30 ft. long (10 pcs.).

The bids were:
 Bethlehem Steel Co., \$3.72 cwt delivered; if shipped from Lackawanna govt. mill of landing allow \$1.17 cwt and equalize; disc 1/2 of 1% and \$2.70 ft. alt; bid, if deliv from stock in Los Angeles, \$3.275 cwt plus cutting charge of \$37; total, \$2890.19; disc of 1% on \$3.05 cwt; deliv to job. Inland Steel Co., \$3.72 cwt deliv to A.; if shipped on govt bill of lading from Indiana Harbor, Ind., allow commercial freight rate and equalize; disc 1/2 of 1% on \$2.70 cwt.
 Columbia Steel Co., \$3.72 cwt deliv 20 da to Glendale; disc 1/2 of 1% \$2.70 cwt; if shipped on govt bill of lading from Chicago allow \$1.02 ft.; rail and water shipment \$3.0875 cwt deliv in 30 da; disc 1/2 of 1% on \$5 cwt. * 20

BIDS OPENED
SACRAMENTO, Calif.—American Brass & Foundry Co., 8419 D Street, Oakland, at \$1328.25 submitted low bid to the U. S. Engineer Office, L. L. E. Chambers, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-219, for 1200 condenser pipes; fob Rio Vista.
 Total bids follow:
 American Brass & Iron Fdy. Co., Oakland\$1,328.25
 Covill Mfg. Co., S. F. 1,360.95
 American Brass Co., S. F. 1,360.65
 American Brass & Copper, Inc., San Francisco 1,364.12
 Common Metals & Supply Co., San Francisco 1,364.12
 Phelps Dodge Copper Products Co., San Francisco 1,395.24
 J. Leahy Co., S. F. 1,422.76
 W. Marwedel, S. F. 1,648.57 * 20

CONTRACT AWARDED
OAKLAND, Calif.—Iowa Valve Co., 501 Howard St., San Francisco, at \$4180 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-211, for furnishing six 30-inch and one 36-inch gate valves. * 20

BIDS REJECTED
OAKLAND, Calif.—The East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, rejected all bids under Pro. No. 983, for furnishing 40,000 gals. kerosene and 352,000 gallons gasoline. Bids will be readvertised shortly. Richfield Oil Corp., Oakland, at \$48,776.40 submitted low bid. * 20

BIDS OPENED
PALO ALTO, Santa Clara Co., Calif.—Mortenson Const. Co., 19th and Indiana Sts., San Francisco, at \$116.00, net, submitted low bid and recommended for award by the Supervising Superintendent of Construction, Wm. H. Radcliffe, Veterans' Administration Facility, Palo Alto, under Bid No. 54-38-5, for one marquee frame, complete with hanger rod and field bolts; fob Bets' Facility, Reno, Nevada.
 Total bids follow:
 Mortenson Const. Co., 19th and Indiana Sts., San Francisco, \$116; net.
 South Gate Iron Works, Inc., Los Angeles, \$123.00; 1% 10 days.
 Kyle Steel Co., Los Angeles, \$128.00; 1/2 of 1%, 10 days.
 Monarch Iron Works, San Francisco, \$133.00; net.
 Architectural Metal Works, Los Angeles, \$140; 1% 10 days.
 Reno Blacksmith Co., Reno, \$192; 1/2 of 1%, 10 days.
 Independent Iron Works, Oakland, \$174; 1/2 of 1%, 10 days.
 Central Iron Works, Oakland, \$175, 2% 10 days.
 Atlas Ornamental Iron W'ks, Huntington Park, \$199; net. * 20

BIDS OPENED
APACHE CO, Ariz.—Casmitte Corporation, 557 Market St., San Francisco, at \$9.50 per ton, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing 105 tons of Type RC-4 liquid asphaltic road material for use on Sec. C of Rt. 1, Petrified Forest National Monument, Apache County, Arizona.
 Total bids follow:
 Casmitte Corp., 557 Market St., San Francisco—\$9.50 per ton, f.o.b. Casamalia.
 Telegraph Ref. Corp.—\$10.00; f.o.b. Elftman.
 Gilmore Oil Co.—\$10.50; f.o.b. Los Angeles.
 Union Oil Co.—\$10.50; f.o.b. Wilmington.
 Standard Oil Co.—\$10.50; f.o.b. El Segundo.
 Tidewater Associated Oil Co.—\$10.50; f.o.b. Wilmington; \$12.50, f.o.b. Seguro.
 Shell Oil Co.—\$10.50; f.o.b. Los Angeles.
 Petrol Corp.—\$10.50; f.o.b. Los Angeles.
 Richfield Oil Corp.—\$10.50; f.o.b. Bakersfield; \$12.50, f.o.b. Los Angeles.
 General Petroleum Corp. — \$12.50; f.o.b. Richmond. * 20

BIDS OPENED
BERKELEY, Calif.—Until March 29, 10 a.m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing 1000 tons plant-mix surfacing; f.o.b. Berkeley.
 Plans and specifications may be obtained from the above office. * 20

BIDS REJECTED
ALAMEDA, Alameda Co., Calif.—The Alameda Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Ave., Alameda, has rejected all bids for furnishing street light globes. * 20

SAN FRANCISCO CO. PERMITS UNDER \$1000

SIGN, electric, \$100; 3039 Clement St.; owner, M. McHall, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.
 BILLBOARD, \$7; SE Geary and Arguello Blvd.; owner, Foster & Kleiser Co., 1675 Eddy St.
 ALTER flats, \$400; 986 Capp St.; owner, A. V. Zachariah, Prem.
 SIGN, roof, \$400; 300 Grove St.; owner, Foster & Kleiser Co., 1675 Eddy St.
 FLUE, \$21; E. Mission, 50 N Russia; owner, Safeway Stores, Prem.; contractor, Excelsior Furnace & Sheet Metal Co., 22 Ocean Ave.
 ALTER dwelling, \$400; 3570 Washington St.; owner, S. J. Lisberger, Prem.; contractor, H. H. Larsen Co., 64 South Park St.; plans by Lightner & Hyman, 68 Post St.
 ALTER dwelling, \$500; 517 Waller St.; owner, E. G. Mailoux, Prem.
 SIGN, electric, \$400; 708 Grant Ave.; owner, Canton Low, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER restaurant, \$100; 327 Balboa St.; owner, Fred Haub, Prem.
 SIGN, electric, \$150; 2127 Irving St.; owner, Mrs. Brown, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 FLUE, \$33; 62 Winding Way; owner, Mr. Rafferty, Prem.; contractor, Excelsior Furnace & S. M. Co., 22 Ocean Ave.
 FLUE, \$75; 30 Kearny St.; owner, P. Persich, Prem.; contractor, General Fixture Co., 953 Mission St.
 FLUE, \$25; 1008 Sutter St.; owner, H. G. Stevenson, Jr., Yolo Co., Cal.; contractor, Dimmer Hardware Co., 1715 Polk St.
 SIGN, electric, \$390; 1184 Market Street; owner, Typewriter Guy, Prem.; contractor, Brumfield El. Sign Co., 965 Folsom St.
 SIGN, electric, \$200; 1901 Mission St.; owner, Murray's Elec. Premises; contractor, Apex Elec. Co., 363 Fell St.
 FLUE, \$75; W. Santa Fe, 100 S of Silver; owner, M. Struthers, 4250 Mission St.; contractor, Excelsior Furn. & S. M. Co., 22 Ocean Ave.
 FLUES, \$40; 519 Green Street; owner, C. Cuneo, Prem.; contractor, General Sheet Metal Works, 1529 Pine St.
 ADDITION, \$200; 1005 Masonic, Berkeley; owner and contractor, A. W. Rhovens, premises.
 REPAIRS (termitte) \$400; 1105 Clarendon Crescent, Oakland; owner J. C. Crebes, premises; contractor, O. L. Burritt, 427 63rd St.; struc. pest. per., \$43.
 RE-ROOF, \$215; 5407 Broadway Ter., Oakland; owner, Mr. O'Brien; contractor, S. P. Sorensen, 5511 Dover St.
 ALTERATIONS, \$500; 540 E 18th St., Oakland; owner and contractor, P. J. McGuire, 536 E 18th St.
 SIGN, electric, \$350; NW Hyde and Turk Sts.; owner, McKales, Inc., premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|---------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers and Sewage Equipment |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 27.—Railroad | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

DOUGLAS CO., Nev.—Until March 24, 1:30 p.m., bids will be received by the Directors of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the reconstruction of a concrete bridge on the State Highway about one mile south of Gardnerville, Rte. 56, Douglas County, Nevada.

Work involves:

- (1) 180 cu. yd. struc. excav.;
- (2) 31 cu. yd. Class A concrete;
- (3) 42 cu. yd. Class D concrete;
- (4) 154 sq. yd. mesh reinforcement (6-in. by 6-in., No. 6 & No. 6);
- (5) lump sum, raise bridge span.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office, Bureau of Public Roads, Federal Office Bldg., San Francisco, upon deposit of \$10, \$5.00 of which will be refunded.

CONTRACT AWARDED

LOS ANGELES CO., Cal.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$109,837.40, awarded contract by the State Division of Highways, Sacramento, for the construction of an equestrian and pedestrian subway, two bridges, surfacing approaches with Portland Cement concrete, asphalt concrete and bituminous macadam, and grading about 0.2 mile of roadway on Arroyo Seco parkway, between Arroyo Seco channel and Grand Avenue, Los Angeles Co., Calif.

CONTRACT AWARDED

CLARKE CO., Wash.—J. A. Lyons, 3305 NE Halsey, Portland, at \$16,534, awarded contract by the County Engineer, Chas. Deako, for replacing existing Camas-Oak Park pile trestle with embankment, Clarke Co., Wash.

BIDS WANTED

STATE OF WASHINGTON.—Until April 12, 10 a.m., bids will be received by the Director of Highways, L. V. Murrow, Olympia, Wash., for bridge construction, as follows:

Pierce County: Constructing a steel bascule type bridge on City Street, Hylebos Waterway Bridge, in City of Tacoma, U. S. Public Works Proj., No. Wash. 1220-DS (Unit a), involving about 4145 cu. yds. excavation, 4776 cu. yds. of concrete; 439,000 lbs. of steel reinforcing bars; 208,600 lbs. of silicon and 729,500 lbs. of carbon structural steel, 26,100 lbs. of cast steel, 120,000 lbs. of machinery, 42 MFMB of treated timber and lumber, 25,200 lin. ft. of untreated and 11,910 lin. ft. of treated timber piling and other items.

Wahiakum County: Constructing a steel bridge, cantilever type with steel deck truss and reinforced concrete girder approaches on bridge over the Columbia River County Rd. between Cathlamet and Puget Island, Puget Island Bridge Superstructure, U. S. Public Works Project No. Wash. 8195-DS (Unit 2), involving about 685 cu. yds. of excavation, 290 cu. yds. of concrete, 205 MFMB of treated timber and lumber, 26,000 lbs. of steel reinforcing bars, 1,133,000 lbs. of carbon and 1,102,000 lbs. of silicon structural steel, 43,000 lbs. of cast steel, and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

CONTRACT AWARDED

MARIN CO., Cal.—Albert H. Slemmer and John Carcano, 122 Clorinda Ave., San Rafael, at \$17,220, awarded contract by the State Division of Highways, Public Works Building, Sacramento, for the construction of a timber bridge with concrete deck across Stemple Creek, about one mi. north of Tomales, consisting of eleven 19-ft. spans and grading approaches and applying road-mix surface treatment, Marin County.

23— CANALS

LOW BIDDERS

RIVERSIDE CO., Cal.—Contracting Engineers Co., 2310½ W. Vernon Ave., Los Angeles, at \$158,980, submitted low bid to the Metropolitan Water District, 306 W. Third St., Los Angeles, under Spec. No. 272, for the construction of headworks for the distribution system between Station 26 plus 09.66 and Station 31 plus 51.50 of the Upper Distributing Feeder. The work is located in Riverside County, about 10 miles southwest from the City of Riverside, near Cajalco Dam.

Three low bids follow:

Contracting Engineers Co., 2310½ W. Vernon Ave., Los Angeles—\$158,980.00.

Griffith Co., Los Angeles—\$162,645.

Clyde W. Wood, Los Angeles—\$173,755.

25—MACHINERY AND EQUIPMENT

BIDS WANTED

MARIPOSA CO., Cal.—Until Mar. 21, 10:30 a.m., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of (1) one or more 4/10-c.y. full swing truck

shovel; and (2) one or more 4-w. water level dump trucks for use Mariposa County.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

OWYHEE PROJECT, Ore.—Ida—Koppers Company, Western Division, Fort Wayne, Ind., at \$806.48, awarded contract by Bureau of Reclamation, Washington, D. C., under Spec. No. 1019-L, for furnishing and delivering three 42-in. electrically operated gate valves for 1 installation in the Owyhee Project Oregon-Idaho.

CONTRACT AWARDED

BOULDER CANYON PROJECT, American Bridge Co., Denver, \$5,685, was awarded contract by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1031, f. furnishing and delivering steel structures for the Metropolitan Water District and Southern California Edison Company transformer circuit and switching stations at the Boulder switchyard, Boulder Canyon Project, Arizona-California-Nevada.

BIDS OPENED

SAN MATEO and Santa Cruz Cos. Cal.—A. S. Willi, 225 Thornton St., San Francisco, at \$4.24 per hour submitted low bid to the Department of Public Works, Division of Highway Ino. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of approximately 50 hours of one tractor and bulldozer not less than 60-hp. for use in San Mateo and Santa Cruz Counties.

Total bids follow:

A. C. Willi, 225 Thornton Street, San Francisco	\$12.00
Eaton & Smith, San Francisco	4.4
Moore Equip. Co., Stockton	4.4
Granite Const. Co., Watsonville	4.3
A. L. Green, Oakland	4.5
Harms Bros., Sacramento	4.5
Geo. French, Jr., Stockton	5.0
O. E. Murray, Modesto	5.0
W. E. Karstedt, San Jose	5.3
Ame Contract Co., S. F.	5.4
R. E. Strother, Sacramento	5.4
H. Earl Harker, Marysville	5.6
Francis H. James, Oakland	5.8
X. Carrithers, San Mateo	5.9
Lloyd J. Rodoni, Saratoga	6.0
L. C. Karstedt, Watsonville	6.0
M. J. Patrick, San Jose	6.5
L. C. Smith, San Mateo	7.0
Guerlin Bros., San Francisco	7.0

BIDS OPENED

SAN MATEO and Santa Cruz Cos. Cal.—Following submitted bids to the Department of Public Works, Division of Highways, Ino. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rents of approximately 2000 hours of four pneumatic tread dump trucks, not less than 4-c.y. water level with boards or built-up sides, for use in San Mateo and Santa Cruz Counties. Bids taken on: (1) hand loading; (2) bunker loading; (3) power loading.

Complete bids follow:
 Samuel E. Bonsangue & Bros., Los Angeles: (1) \$2.40; (2) \$2.84; (3) \$2.94.
 Roy V. Pierce, Napa: (1) \$2.65; (2) \$2.90; (3) \$3.50.
 C. E. Huls, Merced: (1) \$2.75; (2) \$3.00; (3) \$3.25.
 McReynolds Trucking Co., Oakland: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 A. O. Fields, San Francisco: (1) \$2.65

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • Calif. via

(2) \$3.15; (3) \$3.15.
 L. Morgan, Pasadena: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 V. Clarke, Jr., North Hollywood: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 C. Railing, Redwood City: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 Georgi & A. Bin, San Francisco: (1) \$2.78; (2) \$2.68; (3) \$2.78.
 Valsan, Oakland: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 Volpa Bros., Fresno: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 Wm. W. Beguhl, Millbrae: (1) \$2.65; (2) \$2.90; (3) \$3.15.
 Rock & Gravel Trucking Co., Oakland: (1) \$2.65; (2) \$3.00; (3) \$3.
 Simson, San Francisco, (1) \$3.15; (2) \$1.65; (3) \$2.15.

25

March 16, 1938.

BIDS OPENED

LOS ANGELES, ORANGE AND VENTURA COS., Cal.—Bids for furnishing the rental of tractors and heeled type scrapers, for use in Los Angeles, Orange and Ventura counties, opened by the State Highway Dept., Los Angeles, are:

Dimmitt & Taylor—two 83 h p Cat 934, with 12-yd LeTourneau Carryalls, \$8.50 ea.
 Post Bros.—one 95 h p Cat 1937 with 14-yd Carryall, \$7.50.
 Minnis & Moody—(1) 95 h p Cat 937 with 13 cu yd Carryall, \$9.00, one shift, \$7 two shifts; (2) same as item (1).

J. R. McKnight—75 to 80 h p A-C 935, \$9.00.
 A. S. Vinnell Co.—(1) 95 h p RD-8 at 1936, 12-yd Carryall, \$7.50; (2) same, except 1938, \$7.50; (3) 70 h p D-7 Cat 1937, with 8-yd Carryall, \$4; (4) RD-7 Cat 1937, 8-yd Carryall, \$6.50.

T. M. Page—three 95 h p RD-8 Cat 936-37 tractors, J type scrapers, \$8.00.
 Frank T. Hickey and John Murlillo—one 90 to 100 h p Cat RD-8 1936, \$5.00.

Peter L. Ferry & Son—two 95 h p at 1936, \$7.00.

Basich Bros.—four 95 h p RD-8 at 1936 with Le Tourneau 12 p 14-ton cap, \$8.00.

Silva & Hill Constr Co.—(1) 90 h p at 1936, \$8.00; (2) 75 h p Cat 1935, \$7.50; (3) 75 h p A-C 1934, \$7.50; (4) same as item (3); (5) 6 h p A-C 1938, \$7.50.

Pac. Crane & Rigging, Inc.—(1) one RD Cat 1936, \$8.50; (2) one 75 p Cat 1935, \$3.50.

Macco Constr. Co.—one RD-8 Cat 937, \$9.50.

Vido Kovacevich—70 to 80 h p at Diesel RD-7 1937, \$5.50.

Claude Fisher Co., Ltd.—one 95 h p Diesel 1936, \$8.50, with one J-12 Le Tourneau Carryall.

25

BIDS OPENED

MONTEREY AND SAN BENITO COS., Cal.—George Bardwell, 1633 W. 168th St., Gardena, at \$1.98 per hour each, submitted low bid to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of four 3-c-y., two in Monterey Co., Location "A," and two in San Benito Co., Location "B."

Total bids follow (bids submitted in Locations A and B, unless otherwise noted):

George Bardwell, 1633 W. 168th St., Gardena—\$1.98 per hour each.
 Ted Smith, Campbell—\$2.00.
 M. J. Murphy, Inc., Carmel—\$2.16 Location A only).
 Wm. Parrish, Pasadena—\$2.25.
 Crego & Davis, Menlo Park—\$2.29 Location B only).
 Nick Vlachic, Los Angeles—\$2.35.
 E. C. Joseph, Watsonville—\$2.60.

C. E. Huls, Merced—\$2.50.
 Harry A. Collingham, Los Angeles—\$2.50.

E. Barbettini, San Francisco—\$2.50.
 John O'Shea and E. R. Debord, San Gabriel—\$2.50.

W. L. Morgan, Pasadena—\$2.60.
 Samuel E. Bonsangue Bros., Los Angeles—\$2.85 (Location A only).

K. & S. Truck Service, Long Beach—\$2.89 (Location A only).
 Rock & Gravel Trucking Co., Oakland—\$2.90.

Roy L. Pierce, Napa—\$2.90.
 Chas. W. Beguhl, Millbrae—\$2.90.
 R. & H. Truck Co., Ventura—\$2.90.
 McReynolds Trucking Co., Oakland—\$2.90.

Wm. Gialenes, Bell, and Andrus & Teichert, Salinas, submitted irregular bids.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

SEATTLE, Wash.—Until April 4, 2 p.m., bids will be received by J. R. Ummel, Purchasing Agent, 441 Federal Office Bldg., Seattle, for furnishing one portable compressor for the Alaska Road Commission; f.a.s. pier, Seattle and/or bidder's shipping point. * 25

BIDS OPENED

MARIPOSA CO., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of (1) one 3/4-c-y. diesel or gasoline operated shovel, equipped with not less than 30-ft. boom and 3/4- or 1-c-y. dragline bucket; (2) one or more 4-c-y. water level dump trucks for use in Mariposa County.

Chas. Hoyer and J. S. Baker, Burlingame—(1) \$7.00; (2) \$3.15; lump sum, \$300.

Volpa Bros., Fresno—(1) \$7.50; (2) \$3.25; lump sum, \$400.

Rock & Gravel Trucking Co., Oakland—(1) \$8.00; (2) \$3.00; lump sum, \$600.

George French, Jr., Stockton—(1) \$6.00; (2) \$2.90; no lump sum bid.

Chas. W. Beguhl, Millbrae—(2) \$2.90; lump sum, \$25.

C. Manke, Sacramento—(1) \$7.00; (2) (a) \$2.90. (b) \$2.40. (c) \$2.65; lump sum, \$400.

W. E. Karstedt, San Jose—(1) \$7.45, (2) (a) \$1.65, \$2.95, \$3.40; (b) \$2.90, \$3.20, \$3.65; (c) \$2.40, \$2.70, \$3.10; (d) \$1.40, \$1.55, \$1.65; lump sum, \$400. * 25

CONTRACT AWARDED

DENVER, Colo.—Caterpillar Tractor Co., Peoria, Ill., at \$28,655.75 was awarded contract by the Bureau of Reclamation, Denver, under Bid No. 20,718-F for (1) 95-h.p. Diesel engine powered crawler tractor equipped with cable operated angledozer, with double drum power control unit mounted on rear power take-off for operation of angledozer and with cables and all accessories, fob bidder's shipping point and/or Casper, Wyo.; (2) 95-h.p. Diesel engine powered crawler tractor, equipped with cable operated angledozer arranged for operation from front power take-off, with single drum power control unit mounted on front power take-off and with long double drum power control unit mounted on rear power take-off with cables and all accessories, fob bidder's shipping point and/or Casper, Wyo.; (3) 95-h.p. Diesel engine powered crawler tractor, equipped with cable operated angledozer, with double drum power control unit mounted on rear power take-off for operation of angledozer, and with cables and all accessories; fob Hatch, N. M., and/or bidder's shipping point. * 25

CONTRACT AWARDED

BUFFALO RAPIDS PROJ., Mont.—Worthington Pump & Mch'y. Corp., Harrison N. J., at \$37,550 awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1018-D, for furnishing and delivering two vertical, motor-driven pumping units having a capacity of 110 second-feet each when operating under a head of 103 feet for installation in Glendive pumping plant, Glendive division, Buffalo Rapids Project, Mont. * 25

CONTRACT AWARDED

SEATTLE, Wash.—Until March 29, 11 a.m., bids will be received by J. F. Ummel, Purchasing Agent, 441 Federal Office Bldg., Seattle, for furnishing machinery and equipment for the Alaska Road Commission, as follows:

BIDS WANTED

CENTRAL VALLEY PROJ., Calif.—Until March 28, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1049-D, for furnishing and delivering one 7 1/2-ton motor-operated traveling crane for the Government warehouse at Shasta Dam, Central Valley Project; f.o.b. shipping point and/or Coram, Calif. Crane will be installed by the Government.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

SEATTLE, Wash.—Until March 29, 11 a.m., bids will be received by J. F. Ummel, Purchasing Agent, 441 Federal Office Bldg., Seattle, for furnishing machinery and equipment for the Alaska Road Commission, as follows:

- (1) Trailbuilder for 75 D B H P tractor to fit only on Caterpillar Diesel Tractor now equipped with crankcase and radiator guard, Model 75, Serial No. 2E498.
- (2) Trailbuilder for 44 DBHP tractor to fit only on Caterpillar Diesel "40" tractor now equipped with crank case and radiator guard.
- (3) Tractor, 30 DBHP, gasoline fuel of full track-laying type, standard gauge, standard width shoes, equipped with trailbuilder installed on tractor.
- (4) Motor patrol grader, power propelled, power controlled, single drive, dual rear wheels; equipped with 12-ft. moldboard and blade, scarifier, power operated tire pump and open cab. Also bid for same without scarifier; f.o.b. shipping point and/or Seattle.

CONTRACT AWARDED

BUFFALO RAPIDS PROJ., Mont.—Worthington Pump & Mch'y. Corp., Harrison N. J., at \$37,550 awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1018-D, for furnishing and delivering two vertical, motor-driven pumping units having a capacity of 110 second-feet each when operating under a head of 103 feet for installation in Glendive pumping plant, Glendive division, Buffalo Rapids Project, Mont. * 25

BIDS OPENED

SAN MATEO COUNTY, Cal.—Bids were submitted to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer,

Room 211, State Bldg., San Francisco for the rental for approximately 200 hours of one RDS caterpillar tractor, or equal, with bulldozer or carryall, for use on the Bayshore Highway, San Mateo County, as follows:

X. Carrithers, San Mateo: (b) \$6.70 (c) \$8.45.

Charles H. Harney, San Francisco: (b) \$6.73; (c) \$8.74.

Payton Bros., Sacramento: (b) \$6.85 (c) \$7.35.

Macco Const. Co., Clearwater: (b) \$7.50; (c) \$9.00.

R. E. Strothers, Sacramento: (b) \$7.90; (c) \$7.90.

H. Earl Parker, Marysville: (b) \$8.50; (c) \$9.25.

John Carlen, San Francisco: (b) \$10; (c) \$10.50.

M. J. Ruddy, Modesto: (b) no bid; (c) \$7.45.

(b) bulldozer; (c) carryall. 25

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing (1) one portable air compressor; (2) pavement breaker; (3) hose for the Sacramento City Engr. Dept.

U. S. Machinery Co., Sacramento, (2) \$215; (3) \$35.

L. S. Quinan, Sacramento, (1) \$1400; (2) \$220.50; (3) \$37. Alt. bid: (1) \$1625; (2) \$220.50; (3) \$37.

Worthington Pump & Mch'y. Co., San Francisco: (1) \$1523; (2) \$220; (3) \$32.40.

Western Machinery Co., San Francisco: (1) \$1286; (2) \$220; (3) \$30.20.

Spears Wells Machinery Corp., Oakland: (1) \$815; (2) \$220; (3) \$30. 25

CONTRACT AWARDED

AKLAND, Cal.—J. E. French Co. Ltd., 2345 Broadway, Oakland, at \$925.60, net, submitted only bid and was awarded contract by the Board of Library Directors of the City of Oakland, John B. Kaiser, Secretary, Main Library, 659 14th St., Oakland, for furnishing one gasoline propelled truck for the Library Department. 25

BIDS WANTED

COWLITZ CO., Wash.—Until Mar. 30, 3 p.m., bids will be received by the U. S. Engineer Office, 628 Pittstock Block, Portland, Oregon, under Bid No. 698-98-440, for furnishing and installing one vertical wet pit propeller type pump with motor, exciter and control equipment and one solenoid and auxiliary valve with mechanical and electrical connections, at Diking District No. 5, about two miles east of Woodland, Cowlitz Co., Wash. Plans and specifications may be obtained from the above office upon deposit of \$5.00. 25

BIDS WANTED

LOS ANGELES, Cal.—Until April 18, 2 p.m., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing plunger valve assemblies, horizontal cylinder valve assemblies, butterfly valve assemblies, and gate valve assemblies, including their appurtenant control and operating devices; and miscellaneous tees, thimbles, and flanges for the headworks of the distribution system of the Colorado River Aqueduct, Spec. 276. The work to be bid on is as follows: Sch. 1—two 36-in. cast steel plunger valve assemblies complete with operating equipment.

Sch. 2—two 32-in. welded steel horizontal cylinder valve assemblies complete with operating equipment.

Sch. 3—two 54-in. cast steel butterfly valve assemblies complete with operating equipment, together with the operating equipment for the two gate valves of Sch. 4.

Sch. 4—two 36-in. cast iron square bottom gate valves, with spur-gear heads housed in watertight cast-iron grease cases.

Sch. 5—two 54-in. by 54-in. by 32-in. welded steel tees and two 32-in. welded steel thimbles.

Sch. 6—three or five 54-in. by 20-in. welded steel reducing flanges, each having the necessary bolting flanges, and each fitted with one 20-in. blind flange.

Specifications may be obtained from the engineer, at room 1007, 306 West Third St., Los Angeles, upon payment of \$2 per set, not returnable. F. E. Weymouth, General Manager and Chief Engineer. 25

LOS ANGELES, Cal.—Consolidated Steel Corp., at \$7616.85, has been awarded contract by Metropolitan Water District, Los Angeles, for 15 welded steel pressure tanks, and Pacific Iron & Steel Co., at \$2472, the contract for 15 welded steel sump tanks for use in connection with pump discharge valve oil pressure sets at Colorado River Aqueduct pumping plants; Spec. 271. 25

LOS ANGELES, Cal.—Kelman Elec. & Mfg. Co., at \$58,702, was awarded the contract by the L. A. Water and Power Commission for materials for oil circuit breakers; Spec. 2557. 25

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., at \$7616.85, has been awarded contract by Metropolitan Water District, Los Angeles, for 15 welded steel pressure tanks, and Pacific Iron & Steel Co., at \$2472, the contract for 15 welded steel sump tanks for use in connection with pump discharge valve oil pressure sets at Colorado River Aqueduct pumping plants; Spec. 271. 25

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., at \$7616.85, has been awarded contract by Metropolitan Water District, Los Angeles, for 15 welded steel pressure tanks, and Pacific Iron & Steel Co., at \$2472, the contract for 15 welded steel sump tanks for use in connection with pump discharge valve oil pressure sets at Colorado River Aqueduct pumping plants; Spec. 271. 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 47548, Req. No. 18897, for one 3½-yd. gasoline-powered shovel; f.o.b. Eureka.

Harron Rickard & McCone Co., San Francisco—\$7978, net.

Spears Wells Machinery Co., Oakland—\$5835, \$100 10 days. Alternate bid, \$6135.

Harnischfeger Sales Corp., San Francisco—\$6713; \$200, 15 days. Alternate, \$6465.

Garfield & Co., San Francisco—\$2663, net. 25

BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1973, for furnishing equipment, as follows:

(1) One ammonia machine (large capacity);

(2) One ammonia machine (small capacity);

(3) One chlorine ammonia solution manifold.

Bids were: Chemical Equipment Corp.—(1) \$1095.90; (2) \$864.30; (3) \$337.68; 2% 10 days.

Wallace & Tiernan Sales Corp.—(1) \$1181.82; (2) \$958.31; (3) \$478.42; net.

Fardee Engineering Co.—(1) \$1,093.86; (2) \$851.17; (3) \$489.25; net. 25

BIDS OPENED

FRUITVALE, Oakland, Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 48198, Req. No. 12,712, for one 6-ton, three-wheeled roller; f.o.b. Fruitvale, Cal.

Knox Hale Machinery Company, San Francisco—\$275, net.

Associated Equipment Co., Ltd.—\$300, net.

Spears Wells Machinery Co.—\$2,000; disc. \$100, 10 days.

Harron Rickard & McCone Co.—

\$2824, 2% 30 days.

Edward R. Bacon Co., San Francisco—\$2827, 2% 20 days.

BIDS OPENED

SANTA CRUZ and San Mateo Co. Cal.—Harold L. Sanders, Canyon Road, Redwood City, at \$3.45 per hour, submitted low bid to the Department of Public Roads, Division of Highway Engineering, District Engineer, Room 211, State Bldg., San Francisco, for the rental of approximately 300 hours of one caterpillar tractor Type RD-4 (or equal) wide gauge equipped with 7½-ft. bulldozer, for use in Santa Cruz and San Mateo Counties.

Total bids follow: Per hour

Harold L. Sanders, Canyon Road, Redwood City..... \$3.

Moore Equip. Co., Stockton..... 4.

O. V. Freeman, Palo Alto..... 4.

A. L. Green, Oakland..... 4.

T. O'Brien, San Francisco..... 4.

L. C. Karstedt, Watsonville..... 4.

J. O. Archibald, Redwood City..... 4.

W. E. Karstedt, San Jose..... 5.

Guerin Bros., San Francisco..... 5.

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

..... 2

ovel with trailer for use in Men-
 county, near Hopland. * 25

D OPENED

LAKE CO., Cal.—Chas. Kuppinger,
 report, at \$7.40 per hour, submit-
 only bid to the Department of
 ublic Works, Division of Highways,
 R. Green, District Engineer, Dist-
 t 1, 546 W. Wabash Ave., Eureka,
 the rental for 250 hours of one
 y. power shovel for use in Lake
 untly. * 25

DS OPENED

EUREKA, Humboldt Co., Calif.—
 following submitted identical bids,
 at \$3 per hour, to the Department of
 ublic Works, Division of Highways,
 R. Green, District Engineer, Dist-
 t 1, 546 W. Wabash Ave., Eureka,
 the rental for about 500 hours
 ch of two three-yard dump trucks
 use in District 1.

Wm. Kern, Weott; Paul Entren-
 unt, Colusa; Chas. W. Beguhl, Millbrae;
 Dewar's Express, Eureka; Ashurst
 Bros. and W. E. Sinclair, Hop-
 land; McReynolds Trucking Co., Oak-
 land, and John Vance and Wm. Ley,
 Eureka. * 25

DS OPENED

LOS ANGELES, Calif.—Bids for
 angle acting pile hammer delivered
 Compton, Circ. Prop. 346, opened
 U. S. Engineer, Los Angeles, were:
 Harron, Rickard & McCone Co.,
 725 Vulcan No. 2. * 25

F. B. Hackley Equip. Co., San
 Francisco, \$800 (used Vulcan No. 2).
 * 25

DS OPENED

EUREKA, Humboldt Co., Calif.—
 following submitted identical bids,
 at \$2.43 per hour, to the Department
 of Public Works, Division of High-
 ways, E. R. Green, District Engineer,
 District 1, 546 W. Wabash Avenue,
 Eureka, for the rental for about 500
 urs each of two three-yard dump
 trucks for use in District 1.
 K. I. Dowdy, San Francisco; De-
 ar's Express, Eureka; R. M. Tay-
 r, Cottonwood; McReynolds Truck-
 ng Co., Oakland; Paul Entremont,
 Colusa; Chas. W. Beguhl, Millbrae;
 shurst Bros. and W. E. Sinclair,
 opland, and John Vance and Wm.
 ey, Eureka. * 25

DS OPENED

SANTA CLARA and Santa Cruz
 os., Cal.—W. E. Karstedt, 668 Morse
 treet, San Jose, for \$4.80 per hour
 bmitted low bid to the Department
 of Public Works, Division of
 ighways, Jno. H. Skeggs, District
 Engineer, Room 211, State Bldg., San
 Francisco, for the rental for approx-
 imately 300 hrs. of one truck mount-
 ed power shovel unit, equipped with
 oth shovel dipper and clamshell of
 ot less than 4/10-cy. capacity, for se
 use in Santa Clara and Santa Cruz
 ounties.

Total bids follow: Per hour
 W. E. Karstedt, 668 Morse St.,
 San Jose \$4.80
 E. Hulis, Merced 5.00
 Polpa Bros., Fresno 5.00
 Rock and Gravel Trucking Co.,
 Oakland 6.90
 J. M. Thatcher, Hayward 8.00

BIDS OPENED

EUREKA, Humboldt Co., Calif.—
 following submitted identical bids,
 at \$2.43 per hour, to the Department
 of Public Works, Division of High-
 ways, E. R. Green, District Engineer,
 District 1, 546 W. Wabash Avenue,
 Eureka, for the rental for about 500
 urs each of two three-yard dump
 trucks for use in District 1.
 Dewar's Express, Eureka; Ashurst
 Bros. and W. E. Sinclair, Hopland;

K. I. Dowdy, San Francisco;
 Paul Entremont, Colusa; McReynolds
 Trucking Co., Oakland, and John
 Vance & Wm. Ley, Eureka. * 25

BIDS OPENED

SANTA CLARA and Santa Cruz
 os., Cal.—W. E. Karstedt, 668 Morse
 St., San Francisco, at \$5.90 per hour
 submitted low bid to the Depart-
 ment of Public Works, Division of
 Highways, Jno. H. Skeggs, District
 Engineer, Room 211, State Bldg., San
 Francisco, for the rental for approx-
 imately 300 hours of one 3/4-cy. shovel
 equipped with both shovel and
 clamshell boom, mounted on wide
 gauge tracks and equipped with
 suitable trailer for moving, for use
 in Santa Clara and Santa Cruz Cos.

Total bids follow: Per hour
 W. E. Karstedt, 668 Morse St.,
 San Jose \$5.90
 L. C. Karstedt, Watsonville 6.50
 Charles Hoover, Burlingame 8.00
 Eaton & Smith, San Francisco 8.00
 Rock and Gravel Trucking Co.,
 Oakland 9.00
 Piombo Bros., San Francisco 9.00
 W. K. Walker, San Francisco 10.00

March 16, 1938

BIDS OPENED

ORANGE, Los Angeles and Ven-
 tura Cos., Calif.—Bids for rental of
 tractors with bulldozers for use in
 Orange, Los Angeles and Ventura
 Counties, opened by the State High-
 way Department, Los Angeles, were:
 Pacific Crane & Rigging, Inc.; two
 30-h-p. Caterpillar, 1933, \$4 hour ea.;
 60-h-p. Caterpillar, 1933, \$6 per hr.
 each; two KD-7 Caterpillar, 1936, \$6
 per hour each; one RD Caterpillar,
 1936, \$7 per hour; one 75 Caterpillar,
 1935, \$7.

Silva & Hill Const. Co.: (1) 90 Cater-
 piller, 1936, \$7; (2) 75 Caterpillar,
 1935, \$6; (3) 75-h-p. A-C, 1934, \$5.75;
 (4) same as (3); (5) 75 A-C, 1936,
 \$6.75; (6) same as item (5); (7) 65
 A-C, 1938, \$6; (8) 45 A-C 1935, \$5.00.
 G. W. Ellis: 60 to 70 Caterpillar,
 1934, \$5.00.

Minnis & Moody: (1) 95 Caterpillar
 diesel, 1937, \$8.50 one shift, \$7 for two
 shifts per day; (2) same as item (1);
 (3) 63-h-p. RD-7 Caterpillar diesel,
 1937, \$7.25 one shift or \$6.75 2 shifts.
 Oil Fields Trucking Co.: 2 RD-6
 Caterpillar, 1937, \$5.50 each; one RD-7
 Caterpillar, 1937, \$6.50.

B G Carroll: one 60 to 70 Caterpillar
 RD-7, 1937, \$5.85; 60-70 RD-7, 1936
 \$5.85.

T. M. Page: three 95-h-p. Caterpillar
 RD-8, 1937, \$7.50 each.

Dimmitt & Taylor: two 83-h-p. Cater-
 piller, 1934, \$7 each.

Peter L. Perry & Son: two 95 Cater-
 pillers, 1936, \$6.50; one 45 Cater-
 piller, 1936, \$3.50.

J. A. Thompson: (1) 75 Caterpillar
 diesel, 1935, \$6.75 one shift, \$6.50
 for two shifts; (2) one 75 Caterpillar
 diesel, 1936, \$7 and \$6.75.

J. R. McKnight: one 75 to 80 A-C
 1935, \$5.90.

Macco Const. Co.: one RD-8 Cater-
 piller, \$9.50.

Basich Bros.: (1) two 95-h-p. RD-8
 Caterpillar diesel, 1936, \$7.50 each;
 (2) one 63-h-p. RD-7 Caterpillar diesel,
 1936, \$6; (3) one 45-h-p. RD-6
 Caterpillar diesel, 1936 \$5.

A. S. Vinnell Co.: (1) 95-h-p. RD-8
 Caterpillar, 1937, \$7.50; (2) one 95
 RD-8 Caterpillar, 1938, \$7.50; (3) one
 70 RD-7, Caterpillar, 1937, \$6.50; (4)
 one 70-h-p. RD-7 Caterpillar, 1937,
 \$6.50.

Vido Kovacevich: one 30- to 40-h-p.
 Caterpillar, 1930, \$3.50.

Martin Bros. Trucking Co.: 45.38-
 h-p. RD-6 Caterpillar, 1936, \$4.50.
 Claude Fisher Co. Ltd.: one RD-8
 Caterpillar diesel, 95-h-p., 1936, \$7.50;
 one 60-h-p. Caterpillar, rebuilt, \$6.

Cousins & Hammond: one 40 to 30
 RD-6 Caterpillar diesel, 1936, \$5.00.

Nathan A Moore: One 50-h-p. A-C
 1936, with angledozer, \$4.75; one 65-
 h-p. A-C, 1938, with angledozer, \$6.85.
 Dixon-Schriver Const. Co.: 61-h-p.
 (also 70 diesel Caterpillar), \$7.00.

J. P. Immell: 65-h-p. RD-7, Cater-
 piller, 1936, \$5.00.

Post Bros.: two 30-h-p. Caterpillars
 1937, \$3.50 each.

Willie Lagomarsing: 35-h-p. RD-4,
 diesel, 1937, \$3.50.

Frank T. Hickey and John Murillo
 (1) 90- to 100-h-p. Caterpillar RD-7,
 1938, \$7.50; (2) one 90- to 100-h-p.
 Caterpillar, RD 7, 1937, \$7.50; (3) one
 40 to 50 A-C model Ks, 1936, \$4.50.

Carl G. Bliss: one 75-h-p. Cater-
 piller, 1935, \$5.99.

George Lessard: 30 to 40-h-p. draw-
 bar pull, \$6.

Neil D. Minter: (1) 28-h-p. Cater-
 piller, 1935, \$2.75; (2) 28-h-p. Cater-
 piller, 1936, \$2.75; (3) RD-4-35 Cater-
 piller, 1935, \$3.25. * 25

March 16, 1938.

CONTRACTS AWARDED

BOULDER CANYON PROJECT.—
 General Electric Supply Co., Denver,
 at \$2366.08 (Sch. 1), \$650.15 (Sch. 2),
 \$93.74 (Sch. 3), \$23.40 (Sch. 4), and
 Burdy Engng. Co., Los Angeles, at
 \$277.55 (Sch. 5), were awarded con-
 tracts by the Bureau of Reclama-
 tion, Denver, Colorado, under Spec.
 No. 1026-D, for furnishing and de-
 livering line hardware and conductor
 fittings for 230-kilovolt switchyard
 at Boulder power plant, Boulder
 Canyon Project, Arizona-California-
 Nevada. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following
 submitted bids to the State Purchas-
 ing Agent, 319 State Capitol, Sacra-
 mento, under Quo. No. 48743, Req.
 No. 10933, for one tractor and angle-
 dozer: Lobb, Sacramento.

Weaver Rye Tractor Co., Sacra-
 mento—\$513.85; turn in \$1571.50; net
 \$3564.35; disc. \$50, 30 days.

Knox-Hale Machinery Co., San
 Francisco—\$5822.30; turn in \$1350;
 net \$4472.30; 2% 30 days.

Sacramento Tractor & Equip-
 ment Co., Sacramento—\$4880; turn in \$1-
 265; net \$3615; 2% 30 days. Alternate
 bid at \$4840; same turn in;
 net \$3575. * 25

BIDS OPENED

LOS ANGELES, VENTURA AND
 ORANGE COS., Cal.—Bids for fur-
 nishing the RENTAL of 4 1/2 to 5-
 yard dump trucks for use in Los Angeles,
 Ventura and Orange Counties, open-
 ed by the State Highway Dept., Los
 Angeles, were:

S. Edmondson & Son—(1) Interna-
 tional, 1937, \$2.85; (2) Interna-
 tional, 1934, \$2.85.

Fred J. Walters—(1) Studebaker,
 1937, hand loading, \$2.35 (power
 loading, \$2.85); (2) GMC, 1936, hand,
 \$2.35; power, \$2.85; (3), (4) and (5)
 same as Item (2).

Mark L. Hart—(1), (2), (3) and (4)
 White, 1936, \$2.85; (5) GMC, 1931,
 \$2.85.

R. E. Hazard & Sons—(1) to (5)
 International, 1937, \$2.85 each.

Herb Smith—(1) Chevrolet, 1937,
 \$2.44; (2) Chevrolet, 1937, \$2.44; (3)
 Federal, 1934, \$2.44.

LeRoy Bernard Myers—(1) Ford,
 1935, \$1.50.

Edward C. Knapp — (1) to (4)
 Dodge, 1935, \$2.85.

J. P. Gross—(1) Studebaker, 1935,
 \$2.85.

F. Rice—(1) Mack, 1938, \$2.85; (2)
 GMC, 1937, \$2.85.

L. E. Sprague—(1) White, 1937,
 \$2.85.

K & S Truck Service—(1) White,
 1937, \$2.85; (2) International, 1937,

\$2.85; (3) International, 1936, \$2.85.
 Frank Kopley — (1) International, 1937, \$2.85.
 J. M. McGrath—(1) to (5) GMC, 1937, \$2.85 each.
 Edward Shelton—(1) GMC, 1937, \$2.85.
 J. A. McKnight—(1) GMC, 1937, \$2.85; (2) GMC, 1937, \$2.85; (3) GMC, 1936, \$2.85; (4) Reo, 1935, \$2.85; (5) GMC, 1937, \$2.85.
 C. A. White — (1) International, 1936, \$2.85.
 R. & H. Truck Co.—(1) Ford V-8, chain drive, 1936, \$2.85; (2) same as Item (1).
 M. E. Wightman—(1) Mack, 1930, \$2.85; (2) Mack, 1930, \$2.85; (3) Mack, 1930, \$2.85.
 W. L. Morgan—(1) to (3) GMC, 1937, \$2.85 each; (4) GMC, 1936, \$2.85; (5) Dodge, 1935, \$2.85.
 Giuseppe Barreco—(1) Ford, 1936, \$2.85.
 Martin Bros. Trucking Co.—(1) to (5) Moreland, 1934, \$2.85 each.
 A. S. Vinnell Co.—(1) and (2) Sterling, 1937, \$2.85 ea.; (3), (4) and (5) Sterling, 1936, \$2.85 each.
 E. P. Brooks—(1) Ford V-8, 1936, \$1.74; (2) Ford V-8, 1934, \$1.74.
 C. B. Grove—(1) GMC, 1936, \$2.85; (2) International, 1936, \$2.85; (3), (4) and (5) GMC, 1937, \$2.85 each.
 B. G. Carroll—(1) International, 1936, \$2.85; (2) International, 1936, \$2.85.
 Roger W. Walton—(1) GMC, 1934, hand loading, \$2.35, and power, \$2.85.
 Hall S. Hanson—(1) Ford, 1936, \$2.85; (2) Ford, 1936, \$2.85. Will also buy and rent three 1936 Fords at \$2.85.
 Oka Stewart — (1) International, 1936, \$2.25.
 S. Tedesco—(1) to (3) Ford, 1936, \$2.85; (4) Studebaker, 1934, \$2.85.
 Darrell Duncan — (1) Chevrolet, 1936, \$1.90; (2) GMC, 1935, \$1.90.
 Charles L. Gobel—(1) Ford, 1935, \$2.85.
 Geo. Gardner, Jr.—(1) Dodge, 1937, \$2.85.
 G. W. Riley—(1) and (2) International, 1938, \$2.85.
 M & P Truck Service—(1) Stewart, 1935, \$2.85; (2) Stewart, 1935, \$2.85; (3) Stewart, 1933, \$2.85; (4) GMC, 1936, \$2.85; (5) GMC, 1936, \$2.85.
 C. V. Clark, Jr.—(1) to (3) Mack, 1937, \$2.85; (4) GMC, 1937, \$2.85; (5) GMC, 1936, \$2.85.
 W. Truffell—(1) Ford, 1938, \$2.50.
 Anthony Macaggi — (1) and (2) Ford V-8, 1938, \$2.50; (3) Ford V-8, 1937, \$2.50.
 F. Cotterell—(1) Ford V-8, 1937, \$2.50; (2) Ford, 1938, \$2.50.
 Anthony Macaggi and F. Cotterell —(1) to (3) Ford V-8, 1938, \$2.50; (4) and (5) Ford V-8, 1937, \$2.50.
 Samuel E. Bonsangue—(1) Chevrolet, 1936, \$2.74; (2) Ford V-8, 1936, \$2.74.
 H. B. Hill—(1) Reo, 1934, \$2.55.
 Edmondson & Rankin—(1) to (4) Chevrolet, 1936, hand loading, \$2.35; power, \$2.85.
 W. F. Beckman—(1) Ford, 1937, \$2.64.
 F. D. O'Neal—(1) to (4) International, 1936, \$2.85; (5) International, 1937, \$2.85.
 Domenico D'Eranno—(1) Diamond, 1936, \$2.85.
 D. W. Laskus—(1) and (2) GMC, 1936, \$2.85.
 United Dump Truck Service—(1) and (2) Studebaker, 1936, \$2.85; (3) Sterling, 1936, \$2.85; (4) Ford, 1936, \$2.85.
 Vincent Agnifill — (1) Diamond, 1936, \$2.85; (2) Studebaker, 1936, \$2.85; (3) International, 1934, \$2.85.
 A. W. Merrifield—(1) Reo, 1935, \$2.80; (2) Reo, 1936, \$2.80; (3) Reo, 1937, \$2.80.
 Harry K. Smith—(1) GMC, 1936, \$2.85; (2) International, 1937, \$2.85;

(3) International, 1937, \$2.85; (4) International, 1937, \$2.85; (5) GMC, 1936, \$2.85.
 J. C. Parkhill—(1) to (3) International, 1937, \$2.85 ea.
 Southwest Paving Co.—(1) to (5) International, 1937, \$2.85 ea.
 F. S. Case—(1) Ford, 1937, \$2.80; (2) GMC, 1936, \$2.80.
 Tony Crisalli — (1) special built Ford, 1935, \$2.85.
 John Crisalli—(1) and (2) Ford, 1936, \$2.85 ea.
 Otte L. Lewis—(1) International, 1936, \$2.85; (2) and (3) International, 1937, \$2.85 ea.; (4) International, 1936, \$2.85; (5) International, 1937, \$2.85.
 H. R. Arnold—(1) to (5) GMC, 1937, \$2.50 ea.
 J. Starckenburg—(1) Reo, 1936, \$2.85.
 Foster Sand & Gravel Co.—(1) Ford, 1937, \$2.85; (2) White, 1937, \$2.85; (3) GMC, 1937, \$2.85.
 K. C. Robertson—(1) Ford, 1936, \$2.85.
 Mark L. Hart—(1), (2), (3) and (4) White, 1936, \$2.85 ea.; (5) GMC, 1931, \$2.85.
 Robert E. Griffith—(1) to (5) International, 1937, \$2.85.
 R. L. Gustafson—(1) International, 1937, \$2.75; (2) GMC, 1936, \$2.75; (3) GMC, 1929, \$2.75; (4) GMC, 1929, \$2.75.
 Roland Anners — (1) GMC, 1936, hand, \$2.35, and power, \$2.85.
 Geo. Lessard—(1) 4½-yd., \$2.50 25

BIDS WANTED

YOSEMITE NATIONAL PARK.—Until March 23, 3 p.m., bids will be received by the Yosemite National Park Superintendent, Lawrence C. Merriam, for the rental for 1500 hrs. of one power shovel, 1¼ to 1½-c.y. dipper, for use on Tioga Road, Yosemite National Park, Cal.

29—STREETS AND HIGHWAYS

BIDS WANTED

DALY CITY, San Mateo Co., Cal.—Until March 28, 8 p.m., bids will be received by the Daly City City Council, City Hall, for the construction of Templeton and Crocker Sts., Daly City.

Work involves:

- (1) 2,500 c.y. grading;
- (2) 12,000 sq. ft. Portland cement concrete pavement;
- (3) 18,000 sq. ft. asphaltic concrete pavement;
- (4) 19,000 sq. ft. stabilize curly base pavement armor coat wearing surface;
- (5) 200 lf. concrete curb;
- (6) 700 lf. integral concrete curb and gutter.

Plans and specifications may be obtained at the office of George A. Knoese, City Engineer, 2382 Broadway, Redwood City. ☐ 29

BIDS WANTED

SAN FRANCISCO.—Until March 23, 2 p.m. (postponed from Mar. 16), bids will be received by the San Francisco Dept. of Public Works, Room 251, City Hall, for the improvement of wherents on Brewer St., between Costa St. and Falth St., and other locations. Estimated cost, \$3800.

Work involves:

- (1) 5694 sq. ft. of asphaltic concrete pavement, consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surface;
- (2) 2525 sq. ft. 6-in. class E concrete pavement;
- (3) 325 sq. ft. 2-inch asphaltic conc. wearing surface;
- (4) 494 lf. armored conc. curb;
- (5) 25 lf. unarmored conc. curb;

- (6) 251 lf. 6-inch vit. clay pipe & sewers;
 - (7) 700 sq. ft. vertical fibre br pavement on a 6-in. class F concrete base.
- Plans and specifications may be obtained from John J. Casey, C. Engineer, Room 351, City Hall, up deposit of \$10.

BIDS WANTED

MENDOCINO COUNTY, Calif.
 As previously reported, until 4 p.m., bids will be received by the State Division of Highways, H. Purcell, State Highway Engineering, Public Works Bldg., Sacramento, for grading and applying penetration treatment on about 1.3 miles between Henry Gulch and Westport Gulch, Mendocino Co., Cal.

Work involves:

- (1) 9 acres clear and grubbing rig of way;
- (2) 775 M. gals. water;
- (3) 44,900 c.y. roadway excavation without classification;
- (4) 2,280 c.y. struct. excav.;
- (5) 725 c.y. ditch and channel excavation;
- (6) 19,800 sta. yds. overhaul;
- (7) 1,455 c.y. import. borrow;
- (8) 69 sta. finish roadway;
- (9) 41 tons liq. asph., SC-2, penetration oil treatment;
- (10) 870 lbs. bar. reinf. steel;
- (11) 28 c.y. class A portland cement concrete strucs.;
- (12) 39 MFMB Redwood timber, dense, select, all-heart struc. grade;
- (13) 22 MFMB Redwood timber, select, all-heart struc. grade;
- (14) 156 lf. 8-in. CMP;
- (15) 298 lf. 18-in. CMP;
- (16) 170 lf. 24-in. CMP;
- (17) 48 lf. 30-in. CMP;
- (18) 138 lf. 36-in. CMP;
- (19) 202 lf. 54-in. 8-gauge CMP;
- (20) 94 lf. 54-in. 10-gauge CMP;
- (21) 118 lf. 60-in. 8-gauge CMP;
- (22) 660 lf. 6-in. perf. metal pipe underdrains;
- (23) 646 lf. 8-in. perf. metal pipe underdrains;
- (24) 215 c.y. rock filling material;
- (25) 20 c.y. river run gravel;
- (26) 24 each, spillway assemblies;
- (27) 30 each, culvert markers;
- (28) 1 each, frame and grating;
- (29) 1 lot remove and dispose of existing bridges.

The State will furnish C M P, perforated metal pipe underdrains, and spillway assemblies, etc.

Plans and specifications may be obtained from the above office. Item 5 previously omitted.

CONTRACT AWARDED

KENDRICK PROJECT, Wyo.—M. J. Sears, 509 15th St., Denver, Colo., at \$37,962.50, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1022-I for the construction of the Laramie transmission line road to the Seminoe Dam, Kendrick Project, Wyo. ☐ 2

BIDS OPENED

HICKAM FIELD, T. H.—Moses Aikona, Honolulu, at \$211,000, submitted low bid to Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-28-25 for the construction and completion of Sections "B" and "C" of the landing mat, Hickam Field, T. H. Second and third low bids on the mat proposal received at Hickam Field were: Hawaiian Contracting Co., Honolulu, \$226,138, and E. E. Black Ltd., Honolulu, \$251,450. If the government accepts Alternate 9, one of these bids will be: Hawaiian Contracting Co., \$157,873; Moses Aikona, \$179,000; E. E. Black, Ltd., \$195,700.

Two bids were received by the instructing Quartermaster at Fort Sison, San Francisco. On the main proposal they were: Tucker-McCure, Balboa, Canal Zone, \$228,200; J. E. Haddock, Ltd., Pasadena, 5,000. * 29

BIDS WANTED

MARICOPA CO., Ariz.—Until Mar. 10 a. m., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of the Phoenix-Prescott Highway, P.A. 59, rep. Sched. 2 (1938), AFE 8985. The work, which begins about 3 mi. north of the Wickburg bridge and extends south about 2½ mi., consists of grading, draining, aggregate base course, and SC-4 road oil road mix. Bids to be completed on or before Feb. 15, 1938.

The work involves:

- (1) 28,150 sq. yds. salvage and stockpile oil cake;
 - (2) 119,800 c.y. roadway excav.;
 - (3) 5,000 c.y. slides and overbreakage;
 - (4) 1,650 cu. struc. excav.;
 - (5) 2,300 sta. yds. overhaul;
 - (6) 6,800 cu. m. haul;
 - (7) 25,600 tons coarse aggreg. base course;
 - (8) 2,700 M. gals. sprinkling;
 - (9) 1,000 hrs. rolling;
 - (10) 1,065 cu. y. Class A concrete;
 - (11) 118,000 lbs. reinf. steel;
 - (12) 1,450 lf. corr. metal pipe (three sizes);
 - (13) 29,800 lf. line fence;
 - (14) 300 each, guide posts;
 - (15) 4,500 tons mineral aggreg.;
 - (16) 53,000 gals. SC-4 road oil;
 - (17) 2,600 tons relaying old oil mix;
 - (18) 2.6 ml. processing road mix;
 - (19) 110 tons emulsified asphalt, Class A;
 - (20) 800 tons screenings;
 - (21) 400 lf. furnish and drive H-column piles;
 - (22) lump sum, furnish and drive H-column test pile;
 - (23) lump sum, loading test pile.
- Certified or cashier's check, 5%, at accompany bid. Howard S. Reed, State Highway Engineer. * 29

BIDS WANTED

GLENN CO., Cal.—Until April 6, a. m., bids will be received by the State Division of Highways, C. H. Farrell, State Highway Engineer, Colic Works Bldg., Sacramento, for facing with gravel base and road surface and constructing culverts on about 3½ miles on Elk Creek Road between 7 miles west of lows and ten and one-half miles east of Willows, Glenn Co., Calif.

The work involves:

- (1) 320 M. gals. water;
 - (2) 2000 cu. y. import borrow;
 - (3) 1800 sta. finishing roadway;
 - (4) 7,600 cu. y. gravel (base and surf.);
 - (5) 42 tons liq. asph., SC-2 (prime coat);
 - (6) 240 tons liq. asph., ROMC-3, 4 or 5 (surf.);
 - (7) 42,000 sq. yds. spread mix and compacting surfacing.
- Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

MONTEREY CO., Cal.—J. L. Conroy, P.O. Box 49, Monterey, at \$15,000 awarded contract by the State Division of Highways, John H. Skeggs, District Engineer, State Bldg., San Francisco, for grading about 1.9 mi. between five miles and 5.9 miles west of Greenfield, Monterey County. * 29

BIDS WANTED

KINGSBURG, Fresno Co., Calif.—Until Mar. 22, 8 p. m., bids will be received by the Kingsburg Joint Union Elementary School District, Fred Nielson, Clerk, Roosevelt School

Bldg., Kingsburg, for furnishing and delivering all electric fixtures for the Auditorium of the Roosevelt Building and furnishing, laying and completing approximately 5000 sq. ft. of 3-inch black base Grade C asphalt paving in the driveway at the front of the Roosevelt School Bldg., Kingsburg.

Plans and specifications may be obtained from Archt. W. D. Coates, 727 Rowell Bldg., Fresno, Cal. * 29

LOW BIDDERS

APACHE CO., Ariz.—Fisher Contracting Company, 516 S. 7th St., Phoenix, at \$9,736.75, submitted low bid to the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, Arizona, for placing a bituminous treatment on 4.840 miles of Section C of Route No. 1, Petrified Forest National Monument, Apache County.

Three low bids follow:

- (1) Fisher Contracting Co., 516 S. 7th St., Phoenix—\$9,736.75.
 - (2) Tiffany Construction Co., Phoenix—\$11,967.00.
 - (3) L. R. Allison, Albuquerque, N. M.—\$15,378.00.
- Complete bids will be published shortly. * 29

BIDS WANTED

PIMA CO., Ariz.—Until March 25, 10 a. m., bids will be received by Arizona State Highway Commission for improvement of Ajo-Tucson Highway, FAS 110-D, AFE 630. The work, which begins at Ajo and extends east about 1½ miles, consists of grading, draining, select material and oil processing (cutback road mix) and is to be completed on or before Aug. 15, 1938.

The work involves:

- (1) 19,200 c.y. roadway excav.;
- (2) 470 cu. y. struc. excav.;
- (3) 10,100 sta. yds. overhaul;
- (4) 1,200 cu. y. m. haul;
- (5) 22,600 cu. y. imported borrow;
- (6) 7,900 cu. y. select material;
- (7) 1,700 M. gals. sprinkling;
- (8) 450 hrs. rolling;
- (9) 267 cu. y. Class A concrete;
- (10) 26,400 lbs. reinf. steel;
- (11) 740 lf. CMP (5 sizes);
- (12) 68 lf. 24-in. bitum. coated CMP;
- (13) 216 lf. resetting CMP (4 sizes);
- (14) 2,800 tons mineral aggregate;
- (15) 144 tons cutback asph., MC-4;
- (16) 1.66 ml. processing road mix;
- (17) 270 tons screenings;
- (18) 45 tons emulsified asphalt, class A;
- (19) 3 each, wrought iron pipe and concrete pedestals;
- (20) 288 lf. paved railroad crossing.

(21) lump sum, removal of bldgs. and obstructions.

Certified or cashier's check for 5% must accompany bid. Howard S. Reed, State Highway Engineer. * 29

BIDS WANTED

COCHISE CO., Ariz.—Until March 25, 2 p. m., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of Douglas-Safford Highway, FAS 114-E, AFE 8124. The work, which begins at the town of McNeal, about 26 mi. north of Douglas, and extends north about 5½ miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road mix), and is to be completed on or before Aug. 31, 1938. The work involves:

- (1) 15,800 c.y. roadway excav.;
- (2) 0.9 ml. grading and constructing dips to section;
- (3) 1,200 c.y. drainage excav.;
- (4) 12,300 lf. grader ditches;
- (5) 11,500 sta. yds. overhaul;
- (6) 29,200 c.y. select material;
- (7) 12,500 tons aggregate base course;
- (8) 8,400 cu. y. stripping pits;

- (9) 900 c.y. stripping material haul;
 - (10) 16 c.y. Class A concrete;
 - (11) 244 lf. 18-in. CMP;
 - (12) 3 each, cattle guards;
 - (13) 56,800 lf. line fence;
 - (14) 9,300 tons mineral aggreg.;
 - (15) 109,300 gals. road oil, SC-2;
 - (16) 5.5 mi. processing road mix;
 - (17) 360 sq. yds. placing intersection.
- Certified or cashier's check for 5% must accompany bid. Howard S. Reed, State Highway Engineer. * 29

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until April 4, 5 P. M., bids will be received by the Huntington Park city council for improving Florence Avenue between Mountain View Avenue and a point east of State Street, 0.48 mile. Cash contract. The work involves:

- (1) 2000 cu. y. grading;
- (2) 47,700 sq. ft. fine grading (rolled and prepared for A C pavement)
- (3) 47,700 sq. ft. asph. conc. pavement (2147 tons more or less);
- (4) 10,555 sq. ft. 4-in. cement walk;
- (5) 2240 lf. heavy type curb (1 sq. ft. end area);
- (6) 2302 sq. ft. gutter (0.5 sq. ft. end area);
- (7) 4200 sq. ft. remove present A C pave. (70 c.y. more or less);
- (8) 10,650 sq. ft. remove present walk (130 c.y. more or less);
- (9) 2440 lf. remove curb (90 c.y. more or less);
- (10) storm drain extension (reinf. pipe);
- (11) manhole. * 29

FLOOD DAMAGE

SAN BERNARDINO CO., Calif.—County Road Commissioner Howard L. Way has estimated damage to public works in San Bernardino Co. at \$2,820,000, of which \$1,175,000 is damage to highways. Other rebuilding costs are: bridges, \$225,000; storm drains, \$75,000; channel changes, \$145,000; conservation works, \$640,000; buildings and grounds, \$10,000; general clean-up, \$550,000. * 29

BIDS WANTED

MONTEREY PARK, Los Angeles Co., Cal.—Until March 21, 5 P. M., bids will be received by the City Clerk, Monterey Park, for construction and replacement of pavement and curbs. Cashier's check, certified check or bid bond for 10% must accompany bid. The items are:

- (A) Materials for streets:
 - (1) 3960 tons rock delivered and spread;
 - (2) 35,199 gals. 90-95 liq. asph., delivered and spread;
 - (3) 4,401 gals. 90-95 liq. asphalt emulsion, deliv. and spread;
- (B) Materials for replacement of 1,500 lf. curb:
 - (4) 33 cu. y. rock;
 - (5) 22½ cu. y. sand;
 - (6) 270 sacks portland cement;
- (C) Rental of misc. equipment:
 - (7) one tractor for 630 hours;
 - (8) one scarifier for 431 hours;
 - (9) 12-ton roller for 237 hours;
 - (10) grader for 240 hours;
 - (11) 1½- and 2½-yd. trucks for 630 hours;
 - (12) cement mixer for 120 hours;
- (D) Labor:
 - (13) 4995 man-hours labor, breaking up old pave. and preparing sub-grade;
 - (14) 3480 man-hours labor, spreading rock, etc., inc. foreman, timekeeper, engineer, and supervision;
 - (15) 600 man-hours labor for replacement of 1500 ft. curb. * 29

FLOOD DAMAGE

RIVERSIDE COUNTY, Cal.—R. L. McKenzie, County Road Supt., as-

timates that damage to the county road system in Riverside County amounts to approximately \$100,000. Reconstruction of the Pedley bridge will cost \$20,000; bridges in the Banning-Beaumont area, \$20,000; the Auburndale bridge in the first district, \$20,000; Soboda bridge, fifth district, \$5,000. * 29

CONTRACT AWARDED

HONOLULU, T. H.—Otto Medeiros, Honolulu, at \$25,998.50, submitted bid and was awarded contract by the Territory Highway Department, Honolulu, for the construction of Kawaihae Road, District of South Kohala, T. H.

Total bids follow:
Otto Medeiros, Honolulu.....\$25,998.50
James W. Glover.....26,113.11
Moses Akiona.....31,595.00
* 29

BIDS WANTED

STATE OF OREGON.—Until Mar. 24, 9 a.m., bids will be received by the Oregon State Highway Commission, Auditorium, Pub. Service Bldg., Portland, Oregon, for bridge and highway construction, as follows:

Baker County: Middle Bridge-Black Bridge Section of Baker-Homestead Highway. State project; 18.15 miles oil mat surface treatment.
Coos and Curry Counties: Bandon-Port Orford Section of Oregon Coast Highway. State project. Furnish approximately 9,450 cu. yds. crushed rock in stock piles.

Tillamook County: Little Nestucca River Bridge Section of Oregon Coast Highway. State project. Construction of a 320-foot pile trestle and steel I-beam bridge. Requires approximately 5,200 lin. ft. piling; 48 MPEM lumber; 31,000 lbs. structural steel, and 325 lin. ft. trestle superstructure.

Plans and specifications may be obtained from the Oregon State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00. * 29

CONTRACT AWARDED

WHITE PINE CO., Nev.—W. W. Clyde & Co., Springville, Utah, at \$237,173.68, awarded contract by the Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the reconstruction of approximately 4.712 ml. of the State Highway System, including the construction of a concrete and steel overpass Route 2, Section C1 and 3 and D1, White Pine County, Nevada. * 29

COMPLETE BIDS

APACHE CO., Ariz.—Fisher Contracting Co., 516 S. 7th St., Phoenix, at \$9,786.75, submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for placing a bituminous treatment on 4.540 miles of Section C of Route No. 1, Petrified Forest National Monument, Apache County.

Work involves:
(1) 1440 tons cover (Class A pave.) split method;
(2) 105 tons applying Govt.-furnished cut-back asphalt (type RC-4) for Class A pavement.

Total bids follow:
(A) Fisher Contr. Co., 516 S 7th St., Phoenix, \$9,786.75.
(B) Tiffany Const. Co., Phoenix, \$11,967.00.
(C) L. R. Allison, Albuquerque, N. M. 115,378.00.

Unit prices follow:
(A) (B) (C)
(1).....\$6.45 \$7.80 \$9.95
(2).....4.75 7.00 10.00
* 29

TULARE CO.—Grading and Surfacing—(State)

TULARE COUNTY, Calif.—N. M. Ball Sons, 852 Carmel St., Albany, at \$33,264.60 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on a crusher-run base and road-mix surface treatment applied to the shoulders on about 0.9 miles between Morton St. and Mulberry St., City of Porterville, Tulare Co., Cal.

Work Involves:
(1) clearing and grubbing right of way;
(2) 1,400 M. gals. water;
(3) 11,200 c.y. roadway excavation, without class;
(4) 160 c.y. ditch and channel excavation;
(5) 47,000 sta. yds. overhaul;
(6) 9,600 c.y. import borrow;
(7) 2,600 c.y. import surf. material;
(8) 650 c.y. struc. excav.;
(9) 46 sta. finishing roadway;
(10) 3,300 tons crusher run base;
(11) 1,775 tons min. aggregate, plant-mix surf.;
(12) 95 tons liq. asph., ROMC-4 or ROMC-5, plant-mix surf.;
(13) 1,200 sq. yds. asphalt paint binder;
(14) 2 tons liq. asph., SC-2, penetration treatment;
(15) 30 tons liq. asph., SC-2, prime coat;
(16) 130 tons liq. asph., SC-4, road-mix surf. treatment;

(17) 15,200 sq. yds. preparing, mixing and shaping shoulders;
(18) 525 c.y. remove concrete;
(19) 5,900 lbs. bar reinf. steel;
(20) 110 c.y. class A portland cement conc. struccs.;
(21) 42 l.f. 8-in. CMP;
(22) 54 l.f. 12-in. CMP;
(23) 154 l.f. 18-in. CMP;
(24) 60 l.f. 24-in. CMP;
(25) 68 l.f. 48-in. CMP;
(26) 4 each, spillway assemblies;
(27) 840 l.f. 26 in. x 6 1/2 in. part circle C M culvert;
(28) 0.10 ml. existing fence moved and reset;
(29) 15 each, culvert markers;
(30) 10 each, guide posts;
(31) 5 each, frames and covers for handholes;
(32) 2 each, lampholes adjusted to grade;
(33) 2 each, manholes adjusted to grade;
(34) 13 each, monuments.
C M P spillway assemblies and part circle C M will be furnished by the State.

Total bids follow:
(A) N. M. Ball Sons, 852 Carmel St., Albany, \$33,264.60.
(B) Griffith Co., Los Angeles, \$34,693.70.
(C) Piazza & Huntley, San Jose, \$36,223.20.
(D) Oilfields Trucking Co., Bakersfield, \$40,819.50.
(E) Union Paving Co., San Francisco \$41,217.70.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$700.00	\$1000.00	\$700.00	\$1000.00	\$800.00
(2)	.80	.80	.75	.75	.50
(3)	.45	.40	.40	.30	.50
(4)	1.10	1.40	.80	.90	1.50
(5)	.005	.006	.005	.01	.005
(6)	.43	.40	.60	.50	.50
(7)	.45	.45	.60	.50	.80
(8)	1.20	1.10	1.00	1.00	1.50
(9)	5.00	6.00	6.00	7.00	10.00
(10)	1.90	2.34	2.20	2.75	2.60
(11)	2.40	2.72	2.60	3.50	3.50
(12)	15.60	16.60	16.00	20.00	19.00
(13)	.02	.024	.015	.05	.03
(14)	13.50	11.20	12.00	15.00	25.00
(15)	11.00	11.20	12.00	15.00	15.00
(16)	13.00	12.55	14.00	16.00	16.00
(17)	.05	.055	.06	.08	.08
(18)	2.30	2.20	2.50	4.00	2.20
(19)	.06	.055	.07	.07	.08
(20)	21.00	20.50	20.00	25.00	18.00
(21)	.20	.25	.30	.85	.40
(22)	.25	.30	.40	.85	.50
(23)	.30	.35	.50	.85	.60
(24)	.40	.60	.50	1.00	.80
(25)	1.50	.80	1.50	1.50	1.00
(26)	4.00	6.00	2.50	5.00	7.00
(27)	.35	.50	.50	.50	.50
(28)	600.00	400.00	375.00	750.00	600.00
(29)	2.50	2.50	3.00	1.00	3.00
(30)	3.00	2.00	2.50	1.00	3.00
(31)	22.00	17.00	20.00	10.00	25.00
(32)	12.00	6.00	2.50	5.00	5.00
(33)	20.00	11.00	2.50	5.00	15.00
(34)	2.50	3.00	3.00	2.50	3.00

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in San Diego, in the City of San Diego, on Pacific Highway between Barnett Avenue and Miramar Road, road IX-SD-2-SD, for which bids are to be received in Los Angeles on March 31, 1938.

Said representative will meet prospective bidders at district office by appointment.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

LOW BIDDERS

WHITE PINE CO., Nevada.—W. W. Clyde & Co., Springville, Utah, at \$237,173.68, submitted low bid to the Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the reconstruction of approximately 4.712 ml. of the State Highway System, including the construction of a concrete and steel overpass, Route 2 Section C1, 3 and D1, White Pine County, Nevada.

Olof Nelson, Logan, Utah, at \$247,195.21, submitted second low bid. Complete bids will be published shortly. * 29

PAIR PROJECT

SALLA, Tulare Co., Cal. — Ben Field, District WPA Engineer, has announced that a \$237,497 WPA emergency flood damage repair project will be placed in operation within a few weeks. Work will be large-scale highway reconstruction in the five districts. Equipment will be provided by the districts. Other work will include bridge and culvert work, culvert pipe, concrete pipe. The government has available for the work 10,000 bbls. of oil, 10 powder and 10,000 blasting caps. * 29

PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento on March 30, and in Los Angeles, Mar. 1938.

Following is a list of blue prints and prices:

II-LA-159-LA — Undergrade crossing under the tracks of the S.P. near Hewitt Station. Bids to be opened in Los Angeles. PLANS (No. of Sheets), 30; cost, \$4.50; CROSS-SECTIONS (No. of Sheets), cost, \$0.80; total, \$5.30.

K-Iny-23-MA — At Independence. Bids to be opened in Sacramento.

ANS (No. of Sheets), 14; cost, \$0.70; CROSS-SECTIONS (No. of Sheets), 45; cost, \$4.50; total, \$5.90.

I-S-D-2-S-D — In the City of San Diego on Pacific Highway between Bennett Avenue and Miramar Road. Bids to be opened in Los Angeles.

ANS (No. of Sheets), 37; cost, \$0.70; CROSS-SECTIONS (No. of Sheets), 201; cost, \$20.10; total, \$25.10.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Cal.

Checks for the above should be made payable to the Department of Public Works, Division of Highways.

Requests should accompany the order to this office. * 29

RESERVOIRS & DAMS

LOW BIDDER

CLATSOP CO., Oregon.—Harold Blake, Portland, at \$51,290, submitted a bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-416, for the construction of approximately 8900 feet of rock riprap re-

ment, situated in Drainage District No. 1 and Blind Slough Diking District, Clatsop Co., Ore. * 30

DAMS OPENED

CLATSOP CO., Ore.—Makela Construction Co., Astoria, at \$38,425.00 (Sec. A); Tacoma Dredging Co., Tacoma, at \$66,882 (Sec. B) and Tidewater Co., Astoria, at \$13,808.50 (Sec. C) submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-416, for strengthening and rebuilding approximately 33,310 of existing levee, the construction of approximately 1,484 lf. of new levee and approximately 5,100 lf. of rock riprap re-

ment, situated on the island, Diking District, Clatsop Co., Ore.

Work involves:

SECTION A

53 acres clearing and grubbing;

53 acres stripping;

SECTION B

426,000 c.y. of levee embankment, hydraulic suction dredge, in pl.;

SECTION D

3000 c.y. bank sloping;

5150 c.y. riprap in place.

Total bids follow:

SAN FRANCISCO—Street Widening—(City)

SAN FRANCISCO.—A. G. Ralsch, 1 De Haro St., San Francisco, at \$35,949.20 submitted the low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19101, for widening and reconstructing Golden Gate Avenue, between Van Ness and Taylor Streets, San Francisco. Estimated cost, \$43,801.85.

Work involves:

- (1) 3600 lf. stone curb reset, all sizes;
- (2) 1000 sq. ft. stone curb redressed;
- (3) 420 lf. armored concrete curb;
- (4) 1300 lf. new granite curb in place (tangent), 6-inch top width);
- (5) 8 brick catchbasins moved and reconstructed;
- (6) 7 brick catchbasins, complete;
- (7) 102 lf. 10-in. VCP culvert, in place;
- (8) 40 street and traffic signs reset;
- (9) 7 low-pressure fire hydrants moved;
- (10) 2 high-pressure fire hydrants moved;
- (11) 1600 lbs. new cast iron pipe and specials;
- (12) 200 lbs. lead;
- (13) 20 c.y. high pressure pipe excavation;
- (14) 320 lbs. wrought-iron bolts, nuts and washers;
- (15) 7800 lf. 1½-in. black conduit, in place;
- (16) One electric traffic signal relocated (pedestrian);

- (17) 3 police and fire alarm boxes relocated;
- (18) 6 manhole frames and covers, installed;
- (19) 7000 sq. ft. asphaltic wearing surface removed from concr. base;
- (20) 46,000 sq. ft. pavement removed;
- (21) 32,000 sq. ft. 8-in. Class E 5-sack concrete pavement, parking lane;
- (22) 46,000 sq. ft. asphaltic concrete pavement consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;
- (23) 150 tons asphaltic concrete wearing surface, in place;
- (24) 400 tons asphaltic concrete base course, in place;
- (25) 175 lf. 6-in. VCP side sewers, in place;
- (26) 200 each, new crosswalk markers, in place;
- (27) 16,800 sq. ft. two-course concrete sidewalk.

Total bids follow:

- (A) A. G. Ralsch, 1 De Haro Street, San Francisco, \$35,949.50.
- (B) The Lowrie Paving Co., Inc., \$37,573.20.
- (C) The Way Improvement Co., \$37,574.19.
- (D) M. J. Lynch, \$38,942.00.
- (E) Eaton & Smith, \$39,588.05.
- (F) Chas. L. Harney, \$40,859.45.
- (G) Mills Const. Co., \$41,797.90.
- (H) E. J. Treacy, \$42,625.20.
- (I) Pacific States Const. Co., \$42,938.60.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$.30	\$.40	\$.32	\$.40	\$.30	\$.30	\$.40	\$.50	\$.45
(2)	.80	.50	.35	.50	.60	.75	.60	1.10	.80
(3)	.85	1.00	.80	1.00	.70	1.25	.72	1.00	.95
(4)	1.90	2.00	1.94	1.75	1.90	2.00	1.80	1.50	2.25
(5)	70.00	45.00	49.00	60.00	75.00	60.00	50.00	46.00	80.00
(6)	120.00	85.00	90.00	80.00	100.00	90.00	100.00	70.00	100.00
(7)	1.00	2.00	1.72	1.50	2.50	2.00	1.50	1.50	2.25
(8)	5.00	3.00	2.00	2.00	5.00	4.50	4.00	7.50	3.50
(9)	75.00	50.00	50.00	40.00	37.00	50.00	40.00	60.00	80.00
(10)	50.00	50.00	44.00	70.00	50.00	70.00	65.00	65.00	100.00
(11)	.13	.12	.13	.10	.17	.12	.20	.13	.14
(12)	.08	.08	.06	.06	.07	.07	.10	.07	.07
(13)	1.50	1.00	2.00	1.50	2.50	2.50	3.00	5.00	1.75
(14)	.16	.16	.15	.20	.19	.16	.20	.16	.18
(15)	.40	.42	.79	.84	.75	.80	.60	.80	.90
(16)	60.00	50.00	45.00	100.00	70.00	50.00	50.00	50.00	70.00
(17)	100.00	80.00	76.00	100.00	30.00	70.00	70.00	75.00	95.00
(18)	30.00	40.00	30.00	27.00	27.00	32.50	30.00	23.00	40.00
(19)	.04	.03	.05	.04	.03	.05	.09	.06	.06
(20)	.04	.05	.05	.05	.06	.05	.09	.03	.04
(21)	.30	.32	.272	.26	.25	.30	.28	.335	.32
(22)	1.85	.20	1.86	.21	2.275	.23	.25	2.45	.21
(23)	4.00	4.50	4.20	4.50	4.25	4.50	4.25	4.50	4.30
(24)	3.50	4.00	3.42	4.00	4.00	4.10	4.25	4.50	3.75
(25)	2.00	2.00	1.33	1.00	1.25	2.35	1.00	1.00	1.50
(26)	.25	.20	.165	.20	.25	.25	.25	.22	.30
(27)	.15	.13	.14	.13	.13	.08	.12	.13	.14

(A) Makela Const. Co., Astoria, \$38,425 (Section A).

(B) Tacoma Dredging Co., Tacoma, \$66,882 (Sec. B).

(C) Tidewater Co., Astoria, \$13,808.50 (Section D).

(D) Puget Sound Bridge & Dredging Co., Seattle, \$76,254 (Sec. E).

(E) Brookfield Co., Astoria, \$16,177.50 (Sec. D).

(F) Contracting Officer's Est., \$12,136.47 (Sec. A); \$58,307.07 (Sec. B); \$18,120 (Sec. D).

Unit prices follow:

	(A)	(B)	(C)
(1)	\$550.00	\$	\$
(2)	175.00		
(3)		167	
(4)			50
(5)			2.39

	(D)	(E)	(F)
(1)	\$	\$	\$197.89
(2)			71.10
(3)	.179		136871
(4)		.50	.89
(5)		2.85	3.00

BIDS WANTED

VANCOUVER, Wash.—Until Mar. 24, 7:30 P. M., bids will be received by the City Clerk, Chas. A. McDonagh, for furnishing materials and construction of concrete reservoir of 4,000,000-gal. capacity to be 170-ft. square and 20-ft. deep. City water-works project.

Work involves:

- (1) 1300 c.y. concrete;
- (2) 70 tons reinforcing steel;
- (3) 5000 lbs. copper expansion joints.

Plans and specifications may be obtained from Consulting Engineers Stevens & Koon, 1202 Spalding Bldg., Portland, and City Engineer J. L. Henderson, upon deposit of \$20.00. * 30

COMPLETE BIDS

CLATSOP CO., Ore.—Harold Blake 400 N. Thompson St., Portland, at \$51,290 submitted low bid to the U. S. Engineer Office, District Engineer, (Continued on Next Page)

628 Pittcock Block, Portland, under Bid No. 698-38-418, for the construction of approximately 8900 feet of rock riprap revetment, situated in Drainage District No. 1, and Blind Slough Diking District, Clatsop Co.

- Work involves:
 (1) 7 acres clearing and grubbing;
 (2) 2200 c.y. bank sloping;
 (3) 16,000 c.y. riprap in place.
- Total bids follow:
 (A) Harold Blake, 400 N. Thompson St., Portland, \$51,290.
 (B) The Milrene Co., Portland, \$54,330.00.
 (C) Columbia Contract Co., Portland, \$55,260.00.
 (D) Contracting Officer's estimate, \$44,653.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)....	\$250.00	\$250.00	\$300.00	\$191.90
(2)....	.70	1.50	.60	.38
(3)....	3.00	3.98	3.24	2.655
				30

BIDS WANTED

CLATSOP COUNTY, Oregon.—Until March 21, 3 p. m., bids will be received by the U. S. Engineer Office, 628 Pittcock Block, Portland, under Bid No. 698-38-466, for strengthening and rebuilding approximately 53,310 lin. ft. of existing levee and the construction of approximately 1,484 lin. ft. of new levee, situated on Tenasillahe Island, Diking District No. 6, Clatsop County, Oregon. Work involves: 426 cu. yds. levee embankment, hydraulic suction dredge, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

FLOOD CONTROL

LOS ANGELES, Calif.—Maj. Theo. Wyman, Jr., has recommended to the Chief of the United States Army Engineering Corps that \$20,000,000 be made immediately available for work in Southern California to complete projects under way and finance several major projects now in the plan stage. He has included \$750,000 additional for the Compton Creek channel work; \$6,000,000 for initial work on the Hansen Dam, a \$10,000,000 project; \$2,000,000 for the Van Nuys retarding basin, a \$4,000,000 project; \$5,000,000 for additional protective work along various channels; \$3,000,000 for construction on the Santa Fe Dam below the mouth of San Gabriel Canyon. The latter is estimated to cost \$10,000,000 when completed.

BIDS WANTED

BLACHLY, Lane Co., Ore.—Until March 22, 10 a. m., bids will be received by the Blachly Lane County Cooperative Electric Association for the construction of timber crib dam in Lake Creek below Trianage Lake, steel and continuous wood stave pipe line and penstock, concrete and frame power house and excavated rail race and the installation of 150-kw generating unit and switchboard purchased under separate contract.

- Work involves:
 (1) 48 MFBM lumber in dam;
 (2) 6800 c.y. misc. excav.
 (3) 2840 cu. ft. of 24-in. and 24-in. pipe;
 (4) 60 c.y. concrete.
- Plans and specifications may be obtained from Engineers Baar & Cunningham, Spalding Bldg., Portland, upon deposit of \$5.00.

BIDS WANTED

CLATSOP CO., Ore.—Until March 22, 3 p. m., bids will be received by the U. S. Engineer Office, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-469, for the construction of approximately 8900 feet of rock riprap revetment, situated in Drain-

age District No. 1 and Blind Slough Diking District, Clatsop Co., Ore.

- Work involves:
 (1) 7 acres clearing and grubbing;
 (2) 2200 c.y. bank sloping;
 (3) 16,000 c.y. riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

31—PIPE LINES & WELLS

March 11, 1938.
CONTRACT AWARDED
 PORTERVILLE, Tulare Co., Cal.—Arthur Bushnell, P.O. Box 654, Por-

RIVERSIDE CO.—Headwork Constr.—(Dist.)

RIVERSIDE COUNTY, Calif.—The Contracting Engineers Co., 2310 1/2 W. Vernon Ave., Los Angeles, at \$158,980 submitted the low bid to the Metropolitan Water District, 306 W. Third Street, Los Angeles, for the construction of headworks for the distribution system between Station 26 plus 09.66 and Station 31 plus 51.50 of the Upper Distributing Feeder, in accordance with Spec. No. 272. The work is located in Riverside County, about 10 miles southwest from the City of Riverside, near Cajalco Dam.

- The work involves:
 (1) 110,000 c.y. excav.;
 (2) 7000 c.y. backfill;
 (3) 10,000 c.y. embankment,
 (4) 2600 c.y. concr. in struc. and cast in place pipe;
 (5) 1600 c.y. conc. in forebay pavement;
 (6) 1,100,000 lbs. placing reinf. steel;
 (7) 85,000 c.y. furnish and install

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$.62	\$.58	\$.48	\$.65	\$.68	\$.50	\$.80	\$1.40
(2).....	.30	.25	.20	.55	.20	.17	.30	.80
(3).....	.40	.38	.40	.40	.30	.35	.40	1.00
(4).....	12.00	16.20	22.50	17.00	20.00	18.00	17.00	19.00
(5).....	9.50	9.40	9.75	11.00	8.50	11.00	8.00	15.00
(6).....	.015	.01	.016	.014	.0175	.012	.025	.02
(7).....	.16	.21	.175	.19	.18	.21	.20	.20
(8).....	.50	.55	.20	.50	.50	.35	1.00	.60
(9).....	.0325	.03	.05	.04	.05	.05	.07	.08
(10).....	.30	.30	.20	.20	.20	.20	.20	.60
(11).....	.25	.11	.08	.20	.15	.20	.10	.27
(12).....	1.10	1.25	2.00	1.30	1.50	1.00	1.00	1.50

WHITE PINE COUNTY, NEVADA.—CONSTR. HIGHWAY AND OVERPASS—(State)

WHITE PINE COUNTY, Nev.—W. W. Clyde & Co., Springville, Utah, at \$237,173.68 submitted low bid and was awarded contract by the Director of the Department of Highways, Heroes Memorial Bldg., Carson City, for reconstruction of approximately 4.712 miles of the State Highway System, including the construction of a concrete and steel overpass, Route 2, Section C1, 3 and D1, White Pine County, Nevada.

- Work involves:
 (1) force account, special detours;
 (2) 50 hrs., 75-hp. crawler type tractor;
 (3) 50 hrs., 10-ft. blade grader;
 (4) 50 hrs., 75-hp. tractor with power scraper;
 (5) 100 hrs., motor grader with pneumatic tires;
 (6) 800 hrs., 15-ton truck;
 (7) lump sum, detour signs;
 (8) 1,180 lf. remove fence;
 (9) 3 c.y. remove concrete;
 (10) 175 lf. remove culvert pipe;
 (11) 12 each, remove headwalls;
 (12) 6,732 lf. remove guard rail;
 (13) lump sum, remove overpass;
 (14) 46,292 sq. yd. remove and stockpile roadmix surface;
 (15) 40,243 c.y. roadway excav. A;
 (16) 97,492 c.y. roadway excav. B;

at \$494,256, submitted low bid and was awarded contract by the Porterville City Council, F. M. Phrimmer, City Manager, for removing turbine pipe, removing deep well triplex pump, casing well and filling pit and installing used deep well turbine pump.

BIDS OPENED

LOS ANGELES.—Roscoe Moss Co., 4360 Worth St., Los Angeles, at \$3,208.50, submitted the only bid to the Los Angeles County Supervisors, for drilling a float well for water level recorder at San Gabriel Dam No. 1. (Continued on Next Page)

- plate steel manlioid;
 (8) 2,500 sq. ft. granite lining of manifold;
 (9) 80,000 lbs. installing misc. metal work;
 (10) 2000 ton-miles hauling steel;
 (11) 6000 ton-miles hauling cement;
 (12) 1800 lin. ft. furnishing and installing fence.

- Total bids follow:
 (A) The Contracting Engineers Co., 2310 1/2 W. Vernon Ave., Los Angeles, \$158,980.
 (B) Griffith Co., Los Angeles, \$162,645.00.
 (C) Clyde W. Wood, \$173,755.00.
 (D) Claude Fisher Co., Ltd., \$151,790.00.
 (E) United Concrete Pipe Corp., \$188,900.00.
 (F) Morrison-Knudsen Co., \$196,615.
 (G) Gates & Huntley, \$206,500.00.
 (H) Winston Bros. Co., \$295,420.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$.62	\$.58	\$.48	\$.65	\$.68	\$.50	\$.80	\$1.40
(2).....	.30	.25	.20	.55	.20	.17	.30	.80
(3).....	.40	.38	.40	.40	.30	.35	.40	1.00
(4).....	12.00	16.20	22.50	17.00	20.00	18.00	17.00	19.00
(5).....	9.50	9.40	9.75	11.00	8.50	11.00	8.00	15.00
(6).....	.015	.01	.016	.014	.0175	.012	.025	.02
(7).....	.16	.21	.175	.19	.18	.21	.20	.20
(8).....	.50	.55	.20	.50	.50	.35	1.00	.60
(9).....	.0325	.03	.05	.04	.05	.05	.07	.08
(10).....	.30	.30	.20	.20	.20	.20	.20	.60
(11).....	.25	.11	.08	.20	.15	.20	.10	.27
(12).....	1.10	1.25	2.00	1.30	1.50	1.00	1.00	1.50

- (17) 18,573 c.y. roadway excav. C;
 (18) 2,050 c.y. drainage excav.;
 (19) 12,651 c.y. borrow;
 (20) 50 sta. slope rounding;
 (21) 225,680 yd. sta. overhaul (yd. sta.);
 (22) 5,575 yd. ml. overhaul (yd. ml.);
 (23) 2,690 c.y. struc. excav.;
 (24) 5,495 c.y. backfill;
 (25) 4.67 mi. subgrade, Type B;
 (26) 800 c.y. rock cleanup;
 (27) force account, roadside cleanup;
 (28) 4,083 M. gals. water;
 (29) 18,837 tons, Type 1 gravel base;
 (30) 27,266 tons, Type 2 gravel base (1.5-in. size);
 (31) 69 tons liq. asph., Type SC2 (seal);
 (32) 376 tons liq. asph., Type SC2 (roadmix);
 (33) 4.77 ml. roadmix;
 (34) 7,437 c.y. salvaged aggregate;
 (35) 1,318 c.y. class A concrete;
 (36) 23 c.y. class B concrete;
 (37) 259 c.y. class D concrete;
 (38) 180,905 lbs. reinf. steel;
 (39) 277,850 lbs. struc. steel;
 (40) 40 lf. 8-in. CMP;
 (41) 280 lf. 18-in. CMP;
 (42) 286 lf. 24-in. CMP;
 (43) 218 lf. 30-in. CMP;
 (44) 113 lf. relay culvert pipe;
 (45) 145 c.y. hand-laid riprap;
 (46) 630 c.y. grouted hand-laid rip-

each, move pipe culvert head-
 10 lbs. castings;
 10 l.f. beam type metal guard
 rail;
 311 l.f. construct fence;
 16 l.f. reconstruct fence;
 each, 14-ft. steel gate;
 5 each, monuments;
 15 l.f. 2-in. water pipe;
 1 l.f. furnish 2-in. water pipe;
 1 l.f. furnish 18-in. CMP;
 14 l.f. furnish 24-in. CMP;
 1 l.f. furnish 30-in. CMP;
 3 l.f. timber curb;
 34 l.f. struc. steel railing;
 ump sum, blast plate;
 ALTERNATE A—(Metal Crib)
 113 each, 6-ft. 0-in. metal
 stretcher;
 10 each, 8-ft. 0-in. metal
 stretcher;
 17 each, 4-ft. 0-in. metal
 leader;
 19 each, 6-ft. 0-in. metal
 leader;

(66) 248 each, 8-ft. 0-inch metal
 leader;
 ALTERNATE B—(Concrete Crib)
 (67) 504 each, 6-in. x 6-in. concrete
 stretcher;
 (68) 800 each, 6-in. x 8-in. concrete
 stretcher;
 (69) 446 each, 6-in. x 10-in. concrete
 stretcher;
 (70) 180 each, 5-in. x 8-in. concrete
 header;
 (71) 792 each, 5-in. x 10-in. concrete
 header;
 Total bids follow:
 (A) W. W. Clyde & Co., Springville,
 Utah, \$237,173.68.
 (B) Olof Nelson Const. Co., Logan,
 Utah, \$247,195.26.
 (C) Utah Const. Co., Logan, \$267-
 449.86.
 (D) Gibbons & Reed Co., Salt Lake
 City, \$279,468.12.
 (E) Isbell Const. Co., Reno, \$293,-
 584.55.
 (F) Fredericksen & Westbrook, Low-
 er Lake, Calif., \$327,428.66.
 Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
\$1500.00	\$1500.00	\$1500.00	\$1500.00	\$1500.00	\$1500.00	\$1500.00
5.00	3.00	5.00	5.00	6.00	6.50	
2.50	1.00	2.00	2.00	2.00	1.00	
8.50	5.00	7.00	7.00	7.50	9.00	
4.00	2.50	5.00	5.00	5.00	1.50	
400.00	400.00	2.00	2.00	2.00	2.00	
03	04	02	03	05	02	
5.00	3.00	20.00	6.00	5.00	10.00	
50	100	50	50	100	90	
5.00	3.00	5.00	5.00	5.00	6.00	
10	20	04	10	06	10	
500.00	3000.00	1500.00	1500.00	2500.00	250.00	
035	02	03	05	05	06	
70	60	78	93	96	150	
57	60	68	73	66	80	
17	60	28	30	30	37	
30	60	50	50	100	150	
18	22	25	25	30	33	
5.00	5.00	6.00	5.00	5.00	5.09	
015	01	01	01	02	01	
15	20	12	15	15	18	
75	150	2.00	1.50	1.00	2.00	
50	5.00	50	50	100	150	
90.00	100.00	150.00	100.00	100.00	200.00	
1.00	50	1.50	1.50	1.00	3.50	
1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	
1.50	1.50	1.25	2.00	1.85	1.50	
32	40	35	49	30	42	
40	40	55	50	40	50	
22.00	21.00	21.00	20.00	25.00	22.00	
22.00	21.00	21.00	20.00	22.26	22.00	
500.00	500.00	500.00	600.00	530.00	420.00	
55	20	30	60	50	12	
24.00	24.00	26.00	25.00	33.00	26.00	
24.00	24.00	30.00	25.00	33.00	26.00	
26.00	26.00	26.00	25.00	34.00	28.60	
055	06	065	065	065	06	
0725	07	07	075	085	07	
1.00	1.00	1.25	1.25	1.50	1.20	
1.85	1.40	1.75	2.00	2.25	2.40	
2.70	2.40	2.75	3.00	3.50	3.20	
3.50	3.65	4.00	4.00	4.00	4.00	
60	1.00	1.00	50	1.00	1.00	
3.00	3.00	4.00	3.00	10.00	6.00	
7.00	5.00	10.50	5.00	12.00	14.00	
10.00	10.00	10.00	10.00	10.00	12.00	
07	15	12	15	10	14	
1.25	1.00	1.40	1.25	1.50	1.50	
10	07	12	12	15	18	
10	07	07	08	10	12	
05	05	07	08	10	12	
20.00	20.00	30.00	20.00	20.00	24.00	
3.00	3.00	3.50	3.00	4.00	3.00	
40	40	45	50	50	18	
30	30	40	30	40	50	
1.85	2.00	2.00	2.00	2.20	2.90	
3.20	2.80	3.00	3.25	3.75	3.50	
4.00	3.50	2.75	4.00	4.50	4.50	
70	1.00	1.10	1.50	2.00	1.80	
3.50	3.00	4.65	4.00	5.25	4.50	
625.00	850.00	850.00	800.00	1000.00	1000.00	
4.39	4.85	4.00	4.60	5.00	5.00	
5.61	6.10	5.25	5.90	6.25	6.25	
4.18	4.60	4.50	4.40	4.75	4.75	
5.17	5.63	5.25	5.40	5.75	5.75	
6.23	6.97	6.50	6.55	7.00	7.00	
					2.70	
					3.30	
					4.30	
					3.30	
					5.00	

BIDS OPENED
 SAN FRANCISCO.—E. J. Treacy,
 430 Call Bldg., at \$1365 submitted
 low bid to the San Francisco Public
 Utilities Commission, Room 287, City
 Hall, for laying of 4-inch and 8-inch
 cast iron mains in Hunters Point
 Blvd. and Silver Ave.

Work involves:
 (1) 1920 l.f. excav. and backfill for
 8- and 4-in. pipe, trench 17-in.
 wide by 36-in. deep;
 (2) 20 c.y. additional excavation;
 (3) 35 sq. ft. additional pavement re-
 moval and replacement;
 (4) Installing pipe:
 (a) 1350 l.f. of 8-inch bell and
 spigot cast iron pipe;
 (b) 570 l.f. of 4-inch bell and
 spigot cast iron pipe;
 (5) 1550 lbs. installing fittings, gate
 valves, etc.;
 (6) 285 l.f. making bell and spigot
 joints for pipe and fittings;
 (7) 1160 sq. ft. repavement.
 Total bids follow:
 (A) A. E. Treacy, 430 Call Bldg., \$1,-
 365.00.

(B) Lovrie Paving Co., \$1,406.90.
 (C) Pacific Pavements Co., \$1,539.10.
 (D) Martin Murphy, Albany, \$1,542.50
 (E) W. J. Tobin, Oakland, \$1,685.15.
 (F) The Pay Imp. Co., Inc., \$1,966.40.
 (G) S. F. Water Dept., \$2,007.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$425	\$40	\$50	\$40	\$57	\$68	\$70
(2).....	50	50	50	100	100	100	100
(3).....	25	26	30	30	35	35	40
(4a).....	085	08	10	10	08	103	09
(4b).....	07	06	08	10	05	065	06
(5).....	03	04	02	04	03	03	03
(6).....	30	40	20	50	30	47	40
(7).....	21	26	25	30	25	25	27

**32—SEWERS & SEWAGE
 DISPOSAL PLANTS**

BIDS WANTED
 PORTERVILLE, Tulare Co., Cal.—
 As previously reported, until March
 22, 7:30 p.m., bids will be received by
 the Porterville City Council, W. R.
 Means, City Clerk, Porterville, for
 the construction of vitrified clay pipe
 sanitary sewers, together with ap-
 purtenances and appurtenant work,
 manholes, frames and covers and
 "Y" Branches in Sunnyside Avenue
 and other streets and right of way,
 Sunnyside Sewer District.

Work involves:
 (1) 1090 feet 12-inch pipe;
 (2) 2200 feet 10-inch pipe;
 (3) 1890 feet 8-inch pipe;
 (4) 6980 feet 6-inch pipe;
 (5) 2 lampholes;
 (6) 37 concrete manholes with cov-
 ers;
 (7) 382 4 x 6 Y's;
 (8) 3740 yards of ditch.
 Plans and specifications may be
 obtained from the above office. * 32

CONTRACT AWARDED
 SAN JUAN CO., Wash.—NePage
 McKenny Co., Seattle, at \$36,527.30,
 was awarded contract by the Orcas
 Power & Light Co., East Sound,
 Wash., for the construction of gen-
 erating plant on Orcas Island. * 32

BIDS OPENED
 PETALUMA, Sonoma Co., Calif.—
 Artukovich Bros., 7320 N. Atlantic
 Ave., Hynes, Cal., at \$100,661.30, sub-
 mitted low bid to the Petaluma City
 Council, City Hall, Petaluma, for
 construction of Unit "C" of the Muni-
 cipal Sewage Disposal Project,
 Petaluma. Second and third low
 bidders were: A. Soda & Son, Oak-
 land, \$101,858.95, and Oakland Sewer
 Construction Co., Oakland, \$102,-
 615.45. Bids taken under advisement.
 Alternate proposals included in bid-

(Continued on Next Page)

ding schedule may completely change the order of bids, it was indicated. Three low bids listed here are on the basis of basic totals only. 32

CONTRACT AWARDED

HICKAM FIELD, T. H.—George Hess, Honolulu, at \$30,347, awarded contract by the Purchasing and Contracting Officer, Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W-397-38-21, for the construction and completion of an outfall sewer line at Hickam Field, T. H. 32

32—SEWERS & SEWAGE DISPOSAL PLANTS

March 18, 1938

BIDS WANTED

LOS ANGELES, Cal.—Until March 29, 2 P. M. (date changed from April 5) bids will be received by the Los Angeles County Supervisors for the relocation of the Los Angeles River Crossing of the Glendale Intersecting Sewer, Section No. 2, approximately 1000 ft., in accordance with plans and specifications which may be obtained at the office of the Chief Engineer, C. H. Howell, 751 S. Figueroa St., Los Angeles. Certified or cashier's check or bidder's bond, 10%. The work involves:

- (1) 45 5-ft. 48-in. CI pipe in place on new alignment;
- (2) 374 ft. circular tiled-lined reinf. conc. monolithic sewer in place;
- (3) 374 ft. double barrel sewer (concrete encase 36- and 30-in. pipes) in place;
- (4) 40 ft. semi-elliptic tile-lined reinforced conc. monolithic sewer, in place;
- (5) lump sum for manhole structure at Sta. 140 plus 71.20 complete with frame, cover, and misc. metalware;
- (6) lump sum for manhole structure at Sta. 137 plus 90 complete with frame, cover, and misc. metalware;
- (7) lump sum for standpipe structures at Sta. 137 plus 35 complete with frame, cover and miscellaneous metalware;
- (8) lump sum for manhole structure at Sta. 136 plus \$5.56 complete with frame, cover and miscellaneous metalware;
- (9) 80 c.y. rock fill in place at Sta. 137 plus 90;
- (10) 1200 sq. ft. (horizontal projection) for placing mortar to a minimum depth of 0.6 ft. in the top surf. of the rock fill at Sta. 137 plus 90;
- (11) 20 c.y. additional or less Class F concrete, due to any authorized change in the neat lines, as shown on plans, of any reinf. concrete structure to be built hereunder, bid price to include cost of all incidental work;
- (12) 3000 lbs. placing additional or less reinf. steel than that shown in the drawings. 32

33—WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until Mar. 23, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, for the laying of 6- and 8-inch cast iron mains in 15th avenue, Market street and Montgomery street.

Work involves:

- (1) 3575 lf. excavation and backfill for 8- and 6-in. pipe, trench 17-in. wide by 36-in. deep;
- (2) 75 c.y. additional excavation and backfill;
- (3) 100 sq. ft. of additional pavement removal;

- (4) Installing Pipe:
 - (a) 870 lf. of 8-in. bell and spigot cast iron pipe;
 - (b) 2705 lf. of 6-in. do;
 - (c) 6200 lbs. installing fittings, gate valves, etc.;
 - (d) 506 lf. making joints for pipe and fittings;
 - (e) 4585 sq. ft. repavement;
 - (f) 49 3/4-in. screw taps installed;
 - (g) 955 lf. install of 3/4-inch galv. iron service pipe.

Plans and specifications obtainable at Room 601, San Francisco Water Department Bldg., 425 Mason Street under deposit of \$25. 32

BIDS WANTED

REDDING, Shasta Co., Cal.—Until March 28, 3 p.m., bids will be received by the Redding City Council Winfred Wright, City Clerk, City Hall, Redding, for the construction (Continued on Next Page)

PETALUMA—SEWAGE DISPOSAL PROJECT—(City)

PETALUMA, Sonoma Co., Calif.—Artukovich Bros., 7320 North Atlantic Avenue, Hynes, Calif., at \$100,661.30 submitted low bid to the Petaluma City Council, City Hall, Petaluma, for the construction of Unit "C" of the Municipal Sewage Disposal Project, Petaluma.

Work involves:

- F Street Storm Sewer Line**
 - (1) 1405 lf. 18-inch concrete pipe sewer.
- "B" Street Storm Water Drainage**
 - (2) 540 lf. 12-inch concrete pipe sewer.
 - (3) 2060 lf. 21-inch concrete pipe sewer.
- Douglas Street Storm Drain**
 - (4) 915 lf. 18-inch concrete pipe sewer.
- Bassett St. and Hill Blvd. Storm Water Drainage**
 - (5) 265 lf. 12-inch concrete pipe sewer (6) 710 lf. 15-inch do;
 - (6a) 90 lf. 15-in. corrugated iron pipe sewer;
 - (7) 415 lf. 18-in. conc. pipe sewer;
 - (8) 1650 lf. 24-in. reinf. conc. pipe sewer;
 - (9) 1310 lf. 27-in. do;
- Dana and English Sts. Storm Water Drains**
 - (10) 210 lf. 12-in. conc. pipe sewer;
 - (11) 800 lf. 18-in. do;
 - (12) 1400 lf. 24-in. reinf. conc. pipe sewer.

- Kent St. and Tributary Sewers**
 - (13) 1445 lf. 12-in. conc. pipe sewer
 - (14) 280 lf. 15-in. do;
 - (15) 285 lf. 18-in. do;
 - (16) 365 lf. 21-in. do;
 - (17) 510 lf. 27-in. reinf. conc. pipe sewer;
 - (18) 690 lf. 30-in. do.
 - Hopper, Jefferson, Vallejo St. Drains**
 - (19) 690 lf. 15-in. conc. pipe sewer
 - (20) 2875 lf. 21-in. do.
 - Misc. Storm Water Separation**
 - (21) Lump sum: catchbasins, catchbasin laterals, and connections on C St., on Keokik and West Sts., on East Washington St. and on East D St.
 - Mt. View Ave. Storm Drain**
 - (22) 100 lf. 36-in. corr. iron pipe drain (twin line);
 - (23) 2010 lf. 54-in. corr. iron pipe drain, complete with manholes catchbasins and connections;
 - (24) Lump sum: drain struc. complete, including inlet, junction box and double box culvert.
- Baker and Post Sts., Sanitary Sewer Separation**
- (25) 3920 lf. 6-in. vitrified clay pipe sewer;
 - (26) 2970 lf. 8-in. do.
- Sewer Line Appurtenances**
- (27) 2500 lf. 12-in. conc. pipe catchbasin laterals;
 - (28) 58 1/2-in. concrete pipe lateral connections, complete, between existing catchbasins and new storm drain lines;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 3,025.00	\$ 3,119.10	\$ 3,091.00	\$ 3,091.00	\$ 2,950.50	\$ 3,863.72
(2)	1,533.60	777.60	815.40	918.00	648.00	945.00
(3)	6,921.60	4,861.60	5,103.80	5,255.00	5,536.00	6,280.40
(4)	2,772.45	1,930.65	1,875.75	2,013.00	1,921.50	2,523.28
(5)	752.60	705.45	655.80	450.50	310.00	463.75
(6)	2,442.40	1,207.00	1,138.00	1,420.00	1,207.00	1,704.00
(6a)	135.00	234.00	270.00	189.00	225.00	284.00
(7)	1,566.25	913.00	672.30	913.00	830.00	1,141.22
(8)	8,332.50	5,791.50	6,468.00	5,362.50	5,775.00	6,187.60
(9)	6,877.50	4,991.10	5,161.40	4,176.00	5,895.00	5,371.00
(10)	659.40	367.00	365.40	367.00	315.00	367.50
(11)	2,664.00	1,760.00	1,720.00	1,760.00	1,720.00	2,290.00
(12)	7,070.00	4,676.00	5,264.00	4,550.00	4,900.00	5,250.00
(13)	1,878.60	2,167.60	2,066.35	2,450.50	1,661.75	2,223.28
(14)	434.00	602.00	470.00	585.00	445.00	602.00
(15)	527.25	627.00	783.75	627.00	570.00	783.75
(16)	693.50	876.00	897.90	930.75	1,022.00	1,219.10
(17)	1,836.00	2,550.00	2,891.70	1,836.00	2,754.00	2,094.00
(18)	2,484.00	2,760.00	2,760.00	2,967.00	4,242.50	3,277.50
(19)	1,186.80	1,173.00	1,097.10	1,518.00	1,069.50	1,658.00
(20)	5,462.50	5,491.25	6,553.00	7,906.25	8,625.00	9,602.80
(21)	1,560.00	1,610.00	1,400.00	2,091.00	2,250.00	1,035.00
(22)	2,250.00	3,312.50	3,015.00	.....	2,875.00	3,280.00
(23)	14,080.00	19,852.80	18,392.00	.....	16,550.40	22,880.00
(24)	1,780.00	2,322.27	3,300.00	1,824.00	2,300.00	1,935.00
(25)	4,860.80	4,498.80	4,860.80	4,704.00	5,880.00	3,528.00
(26)	3,474.90	3,653.10	3,861.00	4,009.50	3,712.50	2,970.00
(27)	3,750.00	3,375.00	4,250.00	3,500.00	3,250.00	3,600.00
(28)	2,175.00	2,523.00	3,480.00	3,480.00	3,480.00	4,176.00
(29)	1,755.00	2,470.00	2,275.00	4,550.00	3,900.00	2,600.00
(30)	3,150.00	6,090.00	4,550.00	5,950.00	6,950.00	4,900.00
(31)	2,585.00	4,840.00	3,300.00	3,300.00	4,950.00	3,750.00
(32)	TOTAL BIDS AS LISTED ABOVE.					

Following bids are additions unless otherwise noted:

(33)	-2,640.00	-3,520.00	-3,485.00	.....	-3,296.80	-2,840.00
(34)	-18,100.00	-24,000.00	-24,700.00	-22,942.00	-21,525.40	.....
(35)	700.00	875.00	875.00	400.00	675.00	1,250.00
(36)	4,240.00	3,445.00	2,650.00	-3,180.00	2,120.00	3,975.00
(37)	1,625.00	.....	305.00	-457.50	274.00	1,525.00
(38)	1,274.00	672.40	455.00	-819.00	637.00	1,365.00
(39)	852.50	690.00	483.00	690.00	306.60	690.00
(40)	820.00	3,266.00	2,640.00	.....	808.00	-1,760.00
(41)	1,760.00	4,400.00	1,750.00	.....	316.80	-1,760.00
(42)	-440.00	.....	275.00	.....	275.00	550.00

municipal water system at Redwood City involves:
 Lump sum, construct intake tunnel and wetwell complete;
 Deduct per c.y. any decrease in excav. and backfill due to found. elevation change;
 Add per c.y. any increase do.;
 Deduct per c.y. any decrease in conc. quantity due to foundation elevation change;
 Add per c.y. any inc. in do.;
 Add per lb. any inc. in reinf. steel due to found. eleva-

tion change;
 (f) Deduct per lb. any decr. do.;
 (2) Lump sum, construct pump-house pump pit with imported fill, rubble masonry, sidewalks and curbs, and fence;
 (3) Lump sum, furnish and install main pumps, priming pump, piping and fittings, starting equipment and accessories;
 (4) Lump sum, furnish and install purification equipment;
 (5) Lump sum, furnish and install all electric conduit-wiring and fixtures;

5 house sewer connections, in improved streets, inc. not to exceed 35 ft. of 5-in. vitrified clay sewer and Y-branch, or equal connection;
 9 stand. brick manholes, complete;

instead of 30-in. reinf. concrete pipe;
 (40) 2010 l.f. of Mt. View Ave. drain pipe, for 54-in. reinf. conc. pipe instead of 54-inch corrugated iron pipe;
 (41) 2010 l.f. of Mt. View Ave. drain pipe, for 48-in. reinf. conc. pipe instead of 48 - inch corrugated iron pipe;

5 standard brick catchbasins, complete, not to exceed 4 feet depth;
 Total contract price bid for Project Unit C;

(42) 55 standard catchbasins, for the substitution of reinf. conc. for brick for the catchbasin struc.

2010 l.f. of Mt. View Ave. storm drain line (Item 23) for the substitution only of 48-in. dia. pipe of 54-in. corr. iron pipe, deduct;
 Deduct for the omission of the Mt. View Ave. storm drain entirely;

Total bids follow:
 (A) Artukovich Bros., 7320 N. Atlantic Ave., Hynes, \$100,661.30.
 (B) A. Soda & Son, Oakland, \$101,858.95.

Items or Deductions for the Use of Alternate Materials

500 l.f. of catchbasin laterals (Item 27) for 12-in. vitrified clay pipe, instead of 12-in. concrete pipe;
 300 l.f. of sewer pipe, for 21-in. corr. iron pipe instead of 21-in. concrete pipe;
 2050 l.f. of sewer pipe, for 24-in. corr. iron pipe instead of 24-in. reinf. concrete pipe;
 820 l.f. of sewer pipe, for 27-in. corr. iron pipe instead of 27-in. reinf. concrete pipe;
 690 l.f. of sewer pipe, for 30-in. shestos-bonded corr. iron pipe

(C) Oakland Sewer Const. Co., Oakland, \$102,615.45
 (D) M. J. Lynch, San Francisco, \$105,501.00
 (E) Robert B. McNair, Oakland, \$107,352.65
 (F) C. F. Robbins, Los Angeles, \$113,497.00
 (G) Gogo & Rados, Los Angeles, \$116,327.50
 (H) W. J. Tobin, Oakland, \$118,527.80
 (I) MacDonald & Kahn Co., Ltd., San Francisco, \$123,155.00
 (J) Lee J. Immel, Berkeley, \$128,552.25
 (K) Chas. L. Harney, San Francisco, \$138,194.25
 (L) N.J.B. Const. Co., Stockton, \$146,967.00.

(G)	(H)	(I)
3,792.50	\$ 3,934.00	\$ 3,272.00
864.00	1,028.00	918.00
5,798.00	6,427.20	5,768.00
2,562.00	2,562.00	2,196.00
424.00	603.50	630.00
1,349.00	1,540.70	1,420.00
225.00	207.00	332.00
1,079.00	1,162.00	747.00
5,600.00	6,732.00	4,950.00
5,895.00	5,855.70	6,026.00
357.00	399.00	378.00
1,160.00	2,240.00	1,800.00
5,600.00	5,712.00	5,880.00
3,312.00	2,104.00	2,312.00
532.00	607.60	532.00
769.50	798.00	684.00
2,277.50	1,133.80	1,498.00
2,277.50	2,279.70	2,907.00
3,243.00	2,760.00	3,312.00
1,242.00	1,497.30	1,242.00
8,970.00	8,970.00	6,225.00
2,500.00	2,050.00	800.00
2,250.00	1,225.00	4,350.00
3,306.00	22,914.00	24,640.00
3,500.00	2,000.00	2,600.00
3,528.00	6,272.00	5,886.00
5,861.00	5,049.00	4,752.00
4,500.00	4,750.00	4,500.00
3,480.00	2,220.00	5,800.00
5,400.00	1,450.00	5,500.00
5,600.00	5,950.00	7,000.00
4,400.00	4,950.00	3,630.00

(J)	(K)	(L)
\$ 4,215.00	\$ 4,365.50	\$ 3,934.00
1,296.00	891.00	1,539.00
7,210.00	7,828.00	9,735.00
2,653.50	2,825.60	2,607.75
569.75	437.25	654.55
1,693.00	1,597.50	1,988.00
252.00	211.50	256.00
1,141.25	1,182.75	750.00
7,755.00	8,250.00	10,725.00
6,681.00	8,646.00	8,646.00
483.00	346.50	577.50
2,400.00	2,480.00	3,120.00
6,080.00	7,140.00	9,100.00
2,890.00	4,579.50	2,745.50
980.00	630.00	588.00
940.50	897.75	750.00
1,460.00	1,460.00	1,250.25
2,677.50	2,933.50	4,080.00
2,932.50	4,485.00	4,140.00
1,414.50	1,552.50	1,518.00
9,342.75	11,500.00	14,087.50
2,700.00	2,450.00	1,300.00
3,162.50	3,562.50	1,625.00
22,000.00	24,112.00	22,880.00
2,260.00	2,895.00	2,595.00
6,664.00	4,312.00	5,880.00
5,197.50	4,090.50	4,752.00
7,000.00	4,500.00	6,750.00
2,900.00	2,250.00	4,830.00
1,300.00	2,500.00	4,225.00
5,950.00	8,050.00	5,600.00
4,400.00	4,125.00	3,300.00

2,296.00	- 3,618.00	- 2,516.00	- 4,224.00	- 1,760.00	- 20,240.00
6,000.00	- 26,139.00	- 24,000.00	- 27,422.50	- 22,000.00	- 22,700.00
500.00	700.00	700.00	825.00		7,260.00
3,392.00	3,239.00	3,975.00	4,770.00	2,650.00	29,150.00
1,830.00	610.00		854.00	2,745.00	21,350.00
1,328.00	728.00	364.00	1,237.60	1,365.00	13,650.00
1,131.60	621.00	690.00	1,007.40	297.00	4,830.00
1,407.00	1,407.00	1,232.00	2,225.00	- 1,233.00	21,120.00
1,005.00	2,412.00	2,700.00	1,496.00	- 2,112.00	18,480.00
550.00	550.00	550.00	1,650.00	- 550.00	4,015.00

(6) Lump sum, construct one 18-in. diameter cement-lined cast-iron transmission main from Station 0 plus 53.75 to Station 33 plus 35, including special crossing of S.P. main line tracks, 2 air release valves with boxes and one drain pipe and piping;
 (7) Lump sum, construct two 1,500,000-gallon concrete circular reservoirs with piping and accessories.

ALT. A—Deduct for the omission of cement lining in Item 6;
 ALT. B—Deduct for use of cement-lined welded steel pipe from Station 0 plus 75 to Sta. 33 plus 35;
 ALT. C—Deduct for omission of cement lining in Alt. B;
 ALT. D—Deduct for omission of dome and ten reinf. bands at dome abutment on each reservoir (Item 7);
 ALT. E—Deduct for omission of fence around reservoirs;
 ALT. F—Deduct for omission of stucco wash on exterior of reservoir.

Plans and specifications may be obtained from the above office upon deposit of \$25.00. * 33

FLOOD DAMAGE
 LOS ANGELES, Cal.—H. A. Van Norman, General Manager and Chief Engineer of the Bureau of Water Works and Supply, has announced that the department has formulated a program of improvements to the water system, including reconstruction of damage to the pipe lines and reservoirs by the storm. The damage is estimated at \$1,250,000 and new construction deemed necessary is estimated at \$1,750,000, making a total of \$3,000,000.

An estimate of the finances required has been placed before Mayor Frank Shaw with a request for immediate action. * 33

CONTRACT AWARDED
 CORCORAN, Kings Co., Calif.—Alton B. Carter, Box 131, Avenal, at \$5,480, submitted low bid and was awarded contract by the Corcoran City Council for constructing two reservoirs for the City Water Works.
 Total bids follow:
 Alton B. Carter, Box 131, Avenal \$5,480.00
 L. C. Clark, Visalia 5,958.00
 D. A. Moore, Fresno 6,480.00
 Jourdan Concrete Pipe Co. 6,590.00 * 33

34— PARKS AND PLAY-GROUNDS

BIDS WANTED
 PORTLAND, Ore.—Bids are now being received by the Custodian of the U. S. post office, East Portland Station, for seeding the grounds of the post office. * 34

March 17, 1933.

BIDS WANTED
 MONROVIA, Los Angeles Co., Cal.—Until April 6, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing a lawn sprinkler system at the U. S. Post Office at Monrovia.
 Drawings and specifications may be obtained from the above office. (3744) * 34

35— TUNNELS

BIDS WANTED
 SELAH, Yakima Co., Wash.—Until March 28, 10 a.m., bids will be received by the Naches-Selah Irriga-

tion District, M. A. Gore, Secretary, Selah, for the completion of two tunnels, concrete tunnel lining, wide stave and concrete flumes, with miscellaneous items.

Plans and specifications may be obtained from the above office upon deposit of \$15.

CONTRACT AWARDED
YAKIMA PROJECT, Wash.—T. E. Connolly, Inc., 461 Market St., San

Francisco, at \$316,142, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 770, for the construction of earthwork, tunnel and canal lining, Station 161 plus 72 to Station 164 plus 15, Yakima Ridge Canal, Roza Division, Yakima Project, Wash. * 35

BID OPENING DATE POSTPONED
CENTRAL VALLEY PROJ., Cal.—

Date for opening bids for construction of the diversion tunnel and temporary relocation of the Southern Pacific Railroad at Shasta Dam, Kennett Division, Central Valley Project, indefinitely postponed by the U. S. Bureau of Reclamation, Old Post Office Building, Sacramento, pending determination of wage scales by the U. S. Department of Labor. New bid opening date will be announced shortly.

CLARKE COUNTY, NEVADA.—Grading and Surfacing—(Govt.)

CLARKE CO., Nevada.—The Utah Constr. Co., Ogden, Utah (1 Montgomery St., San Francisco), at \$41,709.20, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing a bituminous treated surfacing (Class B) on 9.366 miles, Section A of Route 1, Overton-Lake Mead, the Boulder Dam Recreational Area, Clark County, Nevada.

- Work involves:
- (1) 192,000 c.y. uncl. excav.;
 - (2) 2,330 c.y. uncl. excav. for structures;
 - (3) 13,100 c.y. uncl. excav. for borrow;
 - (4) 219,000 sta. yds. overhaul;
 - (5) 10,000 c.y. mi. borrow haul;
 - (6) 6,000 M. gals. watering;
 - (7) 35,000 tons crusher run top course for base;
 - (8) 190 tons slow curing asphalt (type S.C.-2), for prime coat;
 - (9) 13,500 tons class B dense plant mixture (Grading A);
 - (10) 1100 tons Class B cover aggregate;
 - (11) 660 tons bituminous material (Type S.C.-4), for Class B-2;
 - (12) 130 tons emulsified asphalt for Class B-2 seal;
 - (13) 448 c.y. Class A cement stone masonry;
 - (14) 95 c.y. Class B cement stone masonry;
 - (15) 1644 lf. 18-in. corr. galv. sheet metal pipe;

- (16) 276 lf. 24-in. corr. galv. sheet metal pipe;
- (17) 242 lf. 30-in. corr. galv. sheet metal pipe;
- (18) 144 lf. 36-in. corr. galv. sheet metal pipe;
- (19) 320 lf. 42-in. corr. galv. sheet metal pipe;
- (20) 50 lf. 48-in. corr. galv. sheet metal pipe;
- (21) 206 lf. 54-in. corr. galv. sheet metal pipe, 12-gauge;
- (22) 60 lf. 54-in. corr. galv. sheet metal pipe, 8-gauge;
- (23) 70 lf. 6-in. corr. galv. sheet metal pipe;
- (24) 170 lf. 8-in. bit coated corr. sheet metal pipe, Type 2;
- (25) 1488 lf. 18-in. bit coated corr. sheet metal pipe, Type 2;
- (26) 1358 lf. 24-in. bit coated corr. sheet metal pipe, Type 2;
- (27) 124 lf. 30-in. bit coated corr. sheet metal pipe, Type 2;
- (28) 80 lf. 36-in. bit coated corr. sheet metal pipe, Type 2;
- (29) 174 lf. 42-in. bit coated corr. sheet metal pipe, Type 2;
- (30) 216 lf. 48-in. bit coated corr. sheet metal pipe, Type 2;
- (31) 9 spillway inlets, Type A;
- (32) 326 lf. 18-in. vit. clay pipe;
- (33) 132 lf. 30-in. vit. clay pipe;
- (34) 352 c.y. hand-laid riprap;
- (35) 6 drop inlets, 18-in., Type 2;
- (36) 60 cu. yd. conc. inlet covers;
- (37) 482 sq. yds. grout rubble gutter;

- (38) 14 right-of-way monuments, Type A;
- (39) 621 lf. remove, clean and relay r/c stockpile existing CMP;
- (40) 18 guide posts;
- (41) Force account, obliterate of existing roads (est. cost, \$1000);
- (42) Force account, shape existing terrain for parking area (est. cost, \$300).

Total bids follow:

- (A) The Utah Constr. Co., Ogden, Utah—\$1,709.20.
- (B) Pearson & Dickerson Contractors, Inc., Prescott, Ariz.—\$144,489.60.
- (C) W. W. Clyde & Co., Springville, Utah—\$157,437.85.
- (D) Carl E. Nelson and Morrison-Knudsen Co., Inc., Boise—\$161,145.60.
- (E) Olof Nelson, Logan, Utah—\$164,848.20.
- (F) Dodge Constr. Co., Inc., Fallon, Nevada—\$174,400.60.
- (G) K. Thompson & Co., La Canada, Cal.—\$195,157.60.
- (H) Claude C. Wood, Stockton—\$195,314.20.
- (I) Floyd S. Whiting—\$201,123.00.
- (J) Fredericks & Westbrook, Lower Lake—\$215,283.50.
- (K) Isbell Constr. Co., Reno—\$229,580.40.
- (L) A. S. Vinnell Co., Alhambra—\$440,500.95.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$ 0.155	\$ 0.15	\$ 0.17	\$ 0.16	\$ 0.245	\$ 0.22	\$ 0.35	\$ 0.27	\$ 0.30	\$ 0.30	\$ 0.32	\$ 0.32
(2).....	1.00	.85	1.00	1.20	1.50	1.50	1.10	1.00	2.00	2.00	2.00	1.00
(3).....	.18	.17	.20	.30	.24	.25	.33	.40	.25	.30	.37	.35
(4).....	.01	.01	.01	.01	.01	.01	.005	.005	.02	.01	.01	.005
(5).....	1.15	.18	.20	.20	.15	.20	.15	1.10	.25	.20	1.10	.20
(6).....	1.25	1.30	1.60	1.60	1.50	2.00	5.00	2.50	3.00	2.50	2.75	2.85
(7).....	.55	.59	.45	.68	.55	.70	1.00	.85	.50	.88	.90	1.62
(8).....	17.00	18.50	17.60	16.60	15.00	16.00	17.00	17.00	30.00	18.50	18.45	20.00
(9).....	1.50	1.30	1.75	2.00	1.55	1.75	1.25	2.00	1.90	2.00	2.95	1.70
(10).....	2.50	3.30	3.00	2.50	2.00	3.00	3.50	2.00	3.00	3.00	5.00	3.50
(11).....	19.00	19.00	18.60	16.60	17.50	18.00	16.00	18.00	18.00	19.30	18.00	21.00
(12).....	24.00	30.00	26.00	30.00	25.00	30.00	30.00	25.00	30.00	30.00	32.00	30.00
(13).....	11.00	18.50	30.00	16.00	18.00	15.00	20.00	25.00	20.00	30.00	16.00	32.00
(14).....	11.00	17.50	19.50	12.00	15.00	10.00	20.00	22.00	20.00	30.00	14.00	26.00
(15).....	1.70	2.00	1.85	1.80	1.84	2.25	1.90	1.75	2.00	3.00	2.10	2.10
(16).....	2.75	3.00	2.80	2.80	2.90	3.00	2.90	2.50	3.00	3.00	3.25	3.15
(17).....	3.25	3.50	2.50	3.40	3.50	3.50	3.60	3.40	4.00	3.50	3.50	3.25
(18).....	5.25	5.50	5.30	5.50	5.50	5.50	5.30	5.45	6.00	5.50	5.65	6.00
(19).....	6.25	6.50	6.75	7.00	6.50	6.00	6.40	6.45	7.00	6.50	6.75	6.70
(20).....	7.30	7.00	8.00	8.00	7.00	7.00	8.00	7.55	8.00	7.00	8.00	7.50
(21).....	9.50	8.00	9.00	9.20	8.60	8.25	10.00	8.60	10.00	9.50	9.10	9.00
(22).....	13.50	12.00	13.00	13.50	12.30	11.50	15.00	13.00	15.00	14.50	12.75	13.00
(23).....	12.60	11.00	13.00	13.00	11.26	11.00	16.00	11.80	15.00	14.00	13.00	14.00
(24).....	1.25	1.50	1.20	1.50	1.30	1.75	1.20	1.00	1.00	1.00	1.10	1.15
(25).....	1.80	2.00	1.90	1.90	1.90	2.35	2.00	1.80	2.50	2.00	2.25	2.20
(26).....	2.80	3.00	2.80	3.00	2.83	3.10	3.00	2.50	3.50	3.00	3.50	3.25
(27).....	3.40	3.50	3.70	3.60	3.50	3.75	3.70	3.60	4.00	3.50	4.35	4.35
(28).....	5.50	5.50	5.65	6.00	5.42	5.50	5.60	5.50	6.50	6.00	6.10	6.20
(29).....	6.50	7.00	7.00	7.50	7.05	6.50	6.80	6.80	7.50	7.00	7.60	7.00
(30).....	7.75	7.50	8.50	8.50	8.00	7.50	8.50	7.80	8.50	9.00	8.90	7.80
(31).....	12.50	16.00	20.00	15.00	15.00	20.00	20.00	16.00	20.00	20.00	25.00	21.00
(32).....	3.50	2.50	2.50	2.50	2.00	4.00	2.50	3.00	3.00	4.50	3.50	3.25
(33).....	7.00	7.00	6.00	6.00	6.00	8.00	7.00	8.00	6.00	9.00	7.00	6.50
(34).....	3.50	2.50	4.00	4.00	4.00	5.00	8.00	4.00	4.00	5.00	6.00	6.50
(35).....	30.00	30.00	35.00	30.00	40.00	40.00	40.00	60.00	20.00	60.00	50.00	50.00
(36).....	20.00	13.00	10.00	10.00	5.00	10.00	15.00	5.00	20.00	12.00	25.00	13.00
(37).....	4.00	2.00	3.00	4.00	3.00	2.00	2.10	1.50	2.00	.50	3.00	4.25
(38).....	3.00	5.00	4.00	5.00	4.00	4.00	3.00	3.00	5.00	3.00	4.00	4.50
(39).....	1.00	.60	.75	1.00	1.00	2.00	1.00	1.00	1.00	1.50	1.00	.75
(40).....	2.00	3.00	3.00	4.00	4.00	5.00	3.00	3.00	5.00	3.00	3.50	2.50
(41).....	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
(42).....	300.00	300.00	300.00	300.00	300.00	300.00	300.00	200.00	300.00	300.00	300.00	300.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

PORT MASON, Cal.—Until March 2, p. m., bids will be received by Constructing Quartermaster, San Francisco and vicinity, Fort Mason, Bldg. No. W-6516-35-9, for furnishing paint, turpentine, varnish shellac; fob Paint Shop, Letterman General Hospital, Presidio, San Francisco.

PORT MASON, Cal.—Until March 10 a. m., bids will be received by Quartermaster Supply Officer, Francisco General Depot, Fort on, San Francisco, under Bid No. 38-263, for furnishing 8 cast-iron rings; f.o.b. Fort Mason, Cal.

PORT MASON, Cal.—Until March 10 a. m., bids will be received by Quartermaster Supply Officer, Francisco General Depot, Fort on, San Francisco, under Bid No. 38-260, for furnishing one power er, portable, hand-planer type, clete with dust collecting system; Dock No. 1, Fort Mason, San cisco, Cal.

PORT MASON, Cal.—Until Mar. 23, n., bids will be received by the Constructing Quartermaster, San cisco and Vicinity, Fort Mason, Francisco, under Bid No. W-35-10, for furnishing electrical applis, including wire, galy, conduits, panel board switches, ulic moulding, bushings, rubber wood poles, cross arms, ans, insulators, bolts; f.o.b. Bldg. 59, Letterman General Hospital, cisco, Cal.

SACRAMENTO, Calif.—Until Mar. 2, p. m., bids will be received by U. S. Engineer Office, Col. L. B. nbers, District Engineer, Room Post Office Bldg., Sacramento, r Bid No. 1105-35-254, for fur- ing two 2-c.y. rated capacity line buckets; f.o.b. Sacramento.

TEASURY DEPARTMENT

AN FRANCISCO.—Bids will be ved by the U. S. Treasury De- ment, J. W. Knox, Procurement er, Room 518, 49 Fourth St., San cisco, for furnishing supplies materials, as follows:

March 28, 10:00 A. M.

NO. 5136—Furnishing all material for marble work; f.o.b. Ulloa and Lennox Sts., San Francisco.

NO. 5137—Furnishing all material for glass work; f.o.b. Ulloa and Lennox Sts., San Francisco.

AN FRANCISCO.—Bids will be ved by the U. S. Treasury De- ment, J. W. Knox, Procurement er, Room 518, 49 Fourth St., San cisco, for furnishing supplies materials, as follows:

March 22, 10:00 A. M.

NO. 5155—225 tons concrete mix aggregates and 23 tons river sand; f.o.b. Lombard and Montgomery Sts., San Francisco.

March 23, 10:00 A. M.

NO. 5156—10,000 ft. b.m. Douglas fir lumber; f.o.b. Moscow and Geneva Sts., San Francisco.

NO. 5157—500 sacks Portland cement; f.o.b. Placer County.

March 24, 10:00 A. M.

NO. 5158—White lead, turpen-

tine, flat white and black enamel; f.o.b. Kearny and Washington Sts., San Francisco.

SAN FRANCISCO.—Until March 24, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5154, for the rental of marble cutting and polishing equipment, including one rubbing bed, one polishing machine, one air compressor and storage tank, four pneumatic hammers, four pressure hoses, to connect hammers, one wheel and coping saw, motor driven, one grindstone, one coke torch, three vises, one anvil, one wheelbarrow, one three-burner gas plate, three work benches, one frame with block, two jacks, and miscellaneous small tools; f.o.b. the premises of contractor.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

March 24, 10:00 A. M.

BID NO. 5159—Douglas fir lumber; f.o.b. Sunset near Skyline Blvd., San Francisco.

March 25, 10:00 A. M.

BID NO. 5151—20,000 gal. asphaltic emulsion; f.o.b. San Mateo Co., Calif.

BID NO. 5160—150 m. sq. ft. asphalt saturated fabric; f.o.b. Larkin and Beach Sts., San Francisco.

BID NO. 5161—240 tons concrete aggregate; f.o.b. San Mateo Co., Calif.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 2999—5000 aircraft float lights for Portsmouth and Mare Island, March 22.

SCH. 3003—500 gals. clear nitrocellulose dope for eastern or western yards, March 22.

SCH. 2952—11,000 lbs. ethyl-chloride for eastern and western yards, April 1.

SCH. 3009—White oak for eastern & western yards, March 25.

SCH. 3008—15,000 ft. b.m. white ash for Portsmouth; 16,000 ft. b.m. for Brooklyn; 15,000 ft. for western and eastern yards; 107,000 ft. for Mare Island; 31,000 ft. for Puget Sound, March 25.

SCH. 3007—10,000 ft.b.m. balsa for Mare Island; 10,000 lbs. lignumvitae for Boston; 10,000 lbs. do. for Brooklyn; 2000 lbs. do. for Norfolk; 30,000 lbs. do. for eastern or western yards; 1500 ft. b.m. select mahogany for Portsmouth; 2000 ft. b.m. for Philadelphia; 32,000 ft. b.m. for Norfolk; 5500 ft. b.m. for Mare Island, and 12,700 ft. b.m. for Puget Sound; March 25.

SCH. 3027—1000 lbs. corrosion and heat-resisting steel for Mare Island, March 29.

SCH. 3039—Motor-driven forced-draft blowers for eastern yards and

Puget Sound, March 29.

SCH. 3046—120 plate glass mirrors for —are Island, March 29.

SCH. 3051—300,000 lbs. cotton wiping cloths for eastern or western yard, March 22.

SCH. 3047—Fire brick and clay for eastern and western yards, Mar. 29.

SCH. 3053—26,000 lin. yds. cotton canvas for San Diego, April 1.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until Mar. 30, 2 p. m., bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under 1202, for furnishing four parachutes, complete, attachable Type A-2, with containers; f.o.b. shipping point and/or Government Island.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

March 22, 2:00 P. M.

BID NO. 5512—Corrugated metal pipe culvert; f.o.b. Oroville, Cal.

March 23, 2:00 P. M.

BID NO. 5510—Finish plumbing fixtures and fittings; f.o.b. Stirling City and Quincy, Cal.

BID NO. 5512—Corrugated galv. steel sheet roofing, doors and ridge roll; f.o.b. Quincy, Cal.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and material and purchase of equipment, as follows:

March 22, 2:00 P. M.

BID NO. 5517—Corrugated metal pipe culvert; f.o.b. Yreka, Cal.

March 23, 2:00 P. M.

BID NO. 5518—Portland cement; fob 4 miles east of Placerville, Cal.

March 25, 2:00 P. M.

BID NO. 5515—Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Government Island, Cal.

BID NO. 5516 — Flashlight battery cells; f.o.b. Government Island.

WAR DEPARTMENT

FORT McDOWELL, Calif. — Until April 1, 10:30 a. m., bids will be received by the Purchasing and Contracting Office, Capt. F. I. Maslin, Quartermaster Corps, Fort McDowell, under Bid 536-38-18, for furnishing miscellaneous supplies and materials, including:

White lead, turpentine, oil, paint remover, putty, varnish, stain, Portland cement; reinforcing steel, copper wire, steel conduit, connectors, lamp cord, cap sockets, steel cable, valves, flanges, gaskets, springs, thermometers, fucets, pipe, tubing, bands, couplings, elbows, nipples, plugs, tees, Y-branches, unions, files, hammers, latches, etc.; f.o.b. Fort Mason, Cal.

U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Bids April 7 on Two S. F.
Airport Contracts

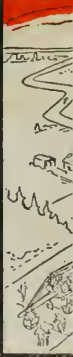
♦ ♦ ♦

State Asks Bids on Three Highway Jobs

♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

25
per C



Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., MARCH 26, 1938

No. 13

BIDS ON THREE STATE HIGHWAY PROJECTS ASKED

Proposals to Open April 6 for
Work in Kern, Santa Clara,
Alameda Counties

SACRAMENTO, March 22.—The State Highway Commission today authorized three State Division of Highways contracts for advertising, with bids on all three scheduled to open in Sacramento April 13.

The three projects are located in Alameda, Santa Clara and Kern counties.

The Alameda county job involves work along the east approach to the San Francisco-Oakland Bay Bridge between the distribution structure and University avenue, a distance of approximately three and three-tenths miles. Work will include construction of redwood curbs, installation of a water supply line, construction of parking areas and shoulder widening, including application of penetration oil treatment.

Curb Dividing Strip

Work in Santa Clara county advertised today involves construction of a curb dividing strip along about two and six-tenths miles between the Agnew underpass and the North San Jose underpass.

The Kern contract calls for grading and placing plant-mixed surfacing on about eight and three-tenths miles, between the southerly county line and five miles north of Rosamond.

A rush of advertising is anticipated for the next few weeks as the Division of Highways prepares to place under contract the Federal-Aid highway program, for which funds have been released officially by Secretary of Agriculture Henry A. Wallace.

(Complete lists of bid items for contracts advertised yesterday appear in Advance Report section today.)

CCC youths will act as guides for the Federal exhibit at the 1939 World's Fair of the West in the \$500,000 building to be erected by the United States government.

FEDERAL AID FUND TO BE RELEASED

California's federal-aid highway program, delayed since the first of the year, may get under way shortly, according to word received Saturday by Secretary-Manager Floyd O. Booe of the Northern California Chapter, Associated General Contractors. He received the following wire from Congressman A. J. Elliott of Tulare, member of the House roads committee:

"Expect California 1939 grant Federal Aid highway funds to be released today."

Plan Meetings for REA Project Users

DAVIS, March 22.—Ten Meetings to give information to those farmers who will become users of electricity under the Surprise Valley project in Modoc County, have just been held by J. P. Fairbank, extension specialist in agricultural engineering, and J. R. Tavernetti, assistant agricultural engineer in the College of Agriculture on the Davis campus of the University of California.

The Surprise Valley project was fostered by the Rural Electrification Administration, which put \$500,000 into it. There will be 300 miles of line, and approximately 1,800 users of electricity. The meetings were held to give prospective users the principles of good lighting, selection and use of electrical equipment, and safe, convenient and adequate wiring.

Similar meetings are to be held for the new Imperial Irrigation district project in Imperial county, which will have 600 miles of line and a thousand customers; and for the Plumas-Sierra project, which will have 229 miles of line and 643 users of electricity.

New orders for galvanized range boilers in January numbered 48,035, as compared with 31,314 during the preceding month, the Census Bureau reports.

BIDS APRIL 7 ON TWO AIRPORT PROJECTS HERE

Utilities Commission Will Open
Proposals on Excavation,
Dredging Contract

San Francisco's \$2,850,000 airport improvement program advanced another step yesterday as two calls for bids were issued by the Public Utilities Commission for dredging a channel for a proposed levee and constructing earth and rock fill at the airport.

Bids on both jobs will be opened by the Public Utilities Commission April 7.

Work under the first contract consists of dredging a channel along the line of the levee or levees to be constructed under another contract, and other work of similar nature, it was announced.

Earth Hauling

The second contract calls for loosening, excavating and loading earth at a quarry furnished by the city, and hauling it to the airport. Approximately 520,000 cubic yards of earth are involved.

The earth will be placed as follows: levee around landing field extension, 400,000 cu. yds.; northerly extension of landing field; 80,000 cu. yds.; miscellaneous roads and fills, 40,000 cubic yards.

At a quiet meeting of the Department of Public Works no formal bid calls were issued. No bids were submitted to Director Wm. H. Worden for improvement of where-nots in the vicinity of Brewster street. The job will be re-advertised shortly, it was announced.

SEVERIN ELECTRIC IN NEW QUARTERS

With business continually expanding, Severin Electric Company San Francisco electrical contractors and engineers, have moved to new and larger quarters, it is announced. Formerly located at 172 Clara street, the firm now is located at 234 Ninth street, San Francisco. The new telephone number is MARKET 5522.

URGE ELEVATED SPEED HIGHWAY STUDY BY STATE

**S. F. Safety Council Directors
Ask Investigation by
Works Department**

Directors of the California Safety Council of San Francisco yesterday approved a resolution asking that the State Department of Public Works allocate funds and assign personnel to investigate the feasibility of the overhead express highway plan for the solution of the rapid transit problem in large California cities.

The action followed a meeting of the Council attended by approximately 100 guests at which the overhead express highway plan was outlined by Lynn Atkinson, of Los Angeles.

Guest of honor at the meeting was Director Earl Lee Kelly of the Department of Public Works, who was presented with a citation for his contribution to safety and for his creation of the safety engineering committee. The citation was presented by George Gay on behalf of the California Safety Council.

Rapid Transit Problem

President Fred D. Parr of the Council introduced Lynn Atkinson who spoke in favor of the overhead and express highway plan as the solution to the rapid transit problem in San Francisco, Oakland and Los Angeles.

The plan calls for construction of overhead highways paralleling main arterials running through downtown sections into residential sections. The overhead highways would not be constructed over any present streets, but between existing arterials.

The plan is based, in part, on the results of an extensive traffic survey conducted by the engineering department of the Automobile Club of Southern California. Exact engineering data and methods of financing have not been determined at this time.

In his address, Mr. Atkinson restricted himself to outlining the plan and endorsing the resolution prepared by the Safety Council.

Unlike Eastern Cities

The construction of subways is not the solution to the rapid transit problem in Pacific Coast cities, he said, because they were not built in the manner of eastern centers. Despite the fact that subways have proved servicable in the East, New York and Chicago are building overhead and express highways.

The present plan is to have a survey conducted by the State Department of Public Works to determine the feasibility of the project. If sufficient backing can be obtained the elevated highways will probably be constructed in Oakland, San Francisco and Los Angeles under the direction of a single authority.

Wiley Recommends Separate Doorbell Transformers Here

Installation of separate bell-ringing transformers for the supply to the door bells and house numbers of each tenant in a building of multiple occupancy yesterday was recommended by Chief Ralph W. Wiley of the San Francisco Department of Electricity.

"The installation of a single bell-ringing transformer for the supply to all door bells and house numbers in buildings of multiple occupancy has resulted in a very unsatisfactory electrical installation condition," Mr. Wiley announced in a statement issued yesterday.

The complete text of the "Bell-Ringing Transformer Installations" bulletin follows:

"The installation of a single bell-ringing transformer for the supply to all door bells and house numbers in buildings of multiple occupancy (flats) has resulted in a very unsatisfactory electrical installation condition.

"Where the transformer is connected to the load side of the meter of one of the tenants of said building and said flat becomes vacant, the meter is removed or the switch ahead of the meter is sealed, making the door bells and house numbers of the other occupancies inoperative.

"We have received many complaints from the tenants of this type of building who strenuously object to the payment of bills for electrical energy used in the operation of door bells and house numbers of the other tenants in the building.

"Unless the bell-ringing transformer is connected to a metered circuit that is separate from the circuits metered by the tenants of the building, this Department recommends that a separate bell-ringing transformer be installed for the supply to the door bells and house number of each tenant in a building of multiple occupancy."

Mr. Kelly, in a short address, commended the California Safety Council for its efforts on behalf of public safety on the highways. He also commended J. W. Vickrey, recently appointed head of the safety engineering committee.

Only six per cent of the fatalities resulting from automobile accidents on the highways can be blamed, directly or indirectly, on the highways themselves, he declared. The human factor was responsible for the remainder, he said.

Shipments of galvanized tanks for hot water heaters showed a slight gain in January over the December figure, according to data prepared by the U. S. Bureau of the Census.

W. G. THORNALLY NAMED OAKLAND EXCHANGE HEAD

**S. F. Exchange Holds Annual
Election, Names Board of
Eleven Directors**

The newly elected Board of Directors of the Builders' Exchange of Oakland held its first meeting yesterday to elect officers, as the Builders' Exchange of San Francisco voted for a new Board of Directors.

The Board of Directors of the Oakland Builders' Exchange, elected last week, voted W. G. Thornally, general contractor, president; William E. McGrath was elected vice-president. H. L. Browne became secretary, and David Nordstrom was elected treasurer.

Elected to Board

The following were elected to the Board of Directors by the Builders' Exchange of Oakland last week: W. F. Thornally, general contractor; William E. McGrath, McGrath Steel Co.; H. L. Brown-Harron, Rickard and McCone Co.; David Nordstrom, general contractor; Henry J. Christensen, general contractor; P. H. Donnelly, contracting plasterer; and A. B. Villadsen, general contractor.

The Builders' Exchange of San Francisco yesterday elected eleven members to its Board of Directors. The new directors are: Jos Ahlback, plumbing and heating; J. W. Bender, roofing contractors; Chas. W. Carle, reinforcing steel dealers; Sam F. Cohn, painter and decorators; Arthur F. Edward, marble dealers; R. J. H. Forbes, concrete contractors; W. H. George, building material dealers; Wm. G. Gilmour, master plasterers; Emil Hogberg, masons and builders; H. N. Patterson, ornamental iron manufacturers; and A. H. Wilhelm, general contractors.

SALES ANNOUNCED BY WESTINGHOUSE

A. W. Robertson of the Westinghouse Electric and Manufacturing Company announces that orders entered, sales billed and net income for 1937 were all higher than 1936.

Net income was \$20,126,408, compared with \$15,099,291 in 1936, an increase of 33 per cent, representing earnings of \$7.53 per share. The 1937 income reflected no non-recurring items, but there were extraordinary items of expense approximately \$2,500,000, including a flood prevention dam at East Pittsburgh, \$424,142, and write-down of inventory on copper and miscellaneous raw materials to market at December 31, 1937. Orders received amounted to \$229,540,061; an increase of 25 per cent over 1936 and second only to the record of \$240,220,555 orders received for the year 1929.

Postpone \$2,117,000 Highway Projects To Provide Flood Damage Replacements

Six Northern California highway projects to cost about \$722,000 and 19 in Southern California to cost approximately \$1,395,000, today had been tentatively postponed by the State Highway Commission in an emergency effort to make funds available for repairs and replacements made necessary by recent floods.

Meeting Friday in Sacramento, the commission selected those projects to be delayed.

Official announcement of the action was made by Commission chairman H. R. Judah, who said:

"Postponement of these projects will be definitely effected only after all other funds available for restoration work have been used."

Funds already scheduled to aid in the replacement work include, in addition to the \$2,117,000 which would be made available by postponement of the 25 new projects, the \$1,400,000 set aside by Federal agencies, and \$1,000,000 previously allotted by the State, according to press advices from Sacramento.

Speeding plans for necessary repairs, engineers of the State Division of Highways have completed a survey of the Southern California flood damage to highways and bridges under jurisdiction of the division. Practically all important state highway routes have been reopened to traffic, except where the damage could not be repaired quickly. Maintenance crews have been busy throughout the area. Repairs have been invited for road-dix to replace washed out shoulders where pavement was not damaged, and have already been received for the rental of needed extra equipment, some of which will be used only for a short time but part of which is expected to be in use for the better part of a year.

Projects Listed

Northern California projects placed by the commission on the "postpone" list included the following:

Mendocino County—Christine to Lynn Creek, \$56,000; Yolo, Dunnigan from Vacaville Road, \$210,000; Colusa, Stony Point to Northwood Park and Stone Point Road to Sebastopol, \$216,000; Santa Cruz, near Westernman Gap and Waddell Creek northerly, \$90,000; Fresno, Dunlap to Forest Boundary, \$150,000.

BULLETIN ON ALKALI SOIL RECLAMATION

"The Reclamation of Alkali Soils," by W. P. Kelley. Bulletin 17 of the University of California, College of Agriculture, Agricultural Experiment Station, Berkeley, is ready for distribution. Copies may be obtained upon request to the above address.

The bulletin discusses the reclamation of black-alkali and white-alkali soils; chemical effects of treatments; the physical condition of the soil, and the importance of good farming methods.

WEBER TO DISCUSS HIGHWAY PROBLEMS

Harold D. Weber, newly appointed Secretary-Manager of the Oakland Chamber of Commerce, is the March of Progress guest of the California State Chamber of Commerce, at 7:45 p.m., Monday, March 21, on radio station KLX.

Weber, as a member of the State Chamber Regional Highway Committee, will speak on problems of highway construction and planning. He will be the fifth speaker in the present series on problems affecting this district.

SHASTA TUNNEL WAGE SCHEDULE STILL PENDING

Labor schedules for the Shasta by-pass tunnel section of the Central Valley Project will not be available for another week.

This was the word received Saturday from Senator John B. McColl by Secretary-Manager Floyd O. Booe of the Northern California Chapter of the Associated General Contractors of America.

A new date for opening bids for construction of the by-pass tunnel and temporary relocation of the Southern Pacific Railroad at Shasta Dam, Kennett Division, Central Valley Project, shortly after the labor schedules are established, it is believed.

Determination of the rate of wages to be included in the specifications for the job have held up action on the project for several months.

Originally, bids were called for February 21. This bid call was cancelled, and it was announced that bids would be opened about March 14. No move to set a definite date for opening bids has been made since the latter announcement late in February.

However, with announcement of labor schedules expected shortly, hopes are being expressed that a definite bid opening date will be set next week.

The 240-day job involves construction of a by-pass tunnel under the site of the proposed Shasta Dam through which tracks will run until such time as permanent relocated tracks are laid.

LETTINGS SPEED WORK ON STATE BUILDING JOBS

To Complete \$23,700,000
Projects in State Program
By July, 1939

The \$23,700,000 state building program, under which a large number of contracts have been awarded in recent weeks, will be completed on schedule by June 30, 1939, State Director of Public Works Earl Lee Kelly declared this week in Sacramento.

Undertaken by the State Division of Architecture, the two-year program is the largest of its type yet initiated by the state. Grants from the PWA aggregating \$4,200,000, together with \$19,500,000 in State appropriations, are financing the program.

The building program includes among others the following major projects:

The California State Fair, \$1,350,000 for grandstand extension, new administration, dairy products, educational, fine arts, Future Farmers and 4-H Club buildings.

New state office building at 10th and N Streets, \$1,800,000.

Additional offices and storage space for the state printing plant and state purchasing department at Tenth and P Streets, \$200,000.

Remodeling of the former California National Bank Building at Seventh and J Streets to house the state treasury, \$150,000.

New prison in Southern California for first offenders, \$3,500,000.

State exhibit building at the Golden Gate International Exposition on Treasure Island, \$1,500,000.

New ward building, laundry and minor buildings at the Napa State Hospital, \$1,185,000.

New ward building, laundry and bakery at the Stockton State Hospital, \$360,000.

Two detention cottages and four dormitory cottages and other minor improvements at the Sonoma State Home, \$1,500,000.

New barracks building and other structures at the Yountville Veterans Home, \$950,000.

Ward at Agnew

New ward building and hospital improvements at the Agnew State Hospital, \$725,000.

Four ward buildings, two detention cottages and other improvements at the Pacific Colony for the Feeble Minded, \$1,500,000.

New dormitories, hospital facilities, attendants' quarters and water supply for the Camarillo State Hospital, \$2,767,000.

New dormitory for the Industrial Home for the Adult Blind in Oakland, \$200,000.

New orders for fabricated steel plate during January 1938 amounted to 23,422 short tons, as compared to orders for 27,463 short tons during December, 1937, the Bureau of Census announces.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
693	Fritz	Owner	3172
694	Johnsen	Owner	10000
695	Marks	Kelly	1250
696	Mendo	Janssen	3000
697-9	Boniface	Janssen	7000
700	St Boniface	Owner	2500
701	Union Oil	Early	1000
802	Wagner	Owner	8000
703	Wright	Cobby	2000
704	Brehm	Owner	3000
705	Cal. Tennis Cl.	Mullen	1600
706	Crocker	Elec. Prod.	1200
707	Galli	Owner	3750
708-9	Galli	Owner	4750
710	Galli	Owner	5250
711	Galli	Owner	5750
712	Hallgren	Owner	3500
713	Larsen	Owner	4000
714	Martin	Owner	4000
715-6	Morris	Owner	4000
717	Lang	Shang Git	1220
718-22	Thorlson	Owner	3500
723	Arco	Owner	4000
724	Bailey	Owner	1800
725-7	Bernhardt	Owner	4000
728	Clark	Owner	1200
729	Douppnick	McFarland	1000
730	Merle	Schell	2000
731	Moore	Owner	4000
732-4	Morris	Owner	3500
735	Regal	Fair Mfg	1480
736	Schwartz	Owner	3000
737	Carraro	Owner	3100
738	Crocker	Adlite	9300
739	Ingerman	Owner	3500
740	Little	Owner	6300
741-2	McDonald	Owner	4000
743-5	Mendo	Janssen	3000
746-9	Meyer	Owner	4000
750	Orpheum	Owner	3000
751	Smith	Bay Cities	1000
752	Williams	Ratto	6000
753	Barry	Masarie	1000
754	Firemen's	Lindgren	80000
755	Marin	Barrett	2000

ALTERATIONS

(693-) SUTTER and Kearny Sts.
Alter hotel and stores.
Owner—Eugene N. Fritz, Sutter Hotel.
Architect—Conrad T. Kett, 519 California Street. \$3,172

FLATS

(694-) E STANYAN 241 S Geary St.
Two-story and basement frame flats.

Owner and Builder—Feder P. Johnson, 70 Stanyan Street.
Architect—Not Given. \$10,000

ALTERATIONS

(695-) E 20th AVE. 100 S Judah St.
Alter dwelling.
Owner—Mrs. Marks, 1411 19th Ave.
Contractor—R. P. Kelly, 1434 Lawton.
Architect—Not Given. \$1250

DWELLING

(696-) E SIXTH AVE. 25 S Anza St.
One - story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement.
Contractor—E. A. Janssen, 1136 Clement Street.
Architect—Not Given. \$3,000

FLATS

(697-) E 13th AVE. 50 S Lincoln Way.
Two-story and basement frame flats.

Owner—Mendo Corp., 1136 Clement.
Contractor—E. A. Janssen, 1136 Clement Street.
Architect—Not Given. \$7,000

DWELLING

(698-) E WASHINGTON 156 E Baker.

One - story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement.
Contractor—E. A. Janssen, 1136 Clement Street.

Architect—Not Given. \$7,000

FLATS

(699-) E 13th AVE. 25 S Lincoln Way.
Two-story and basement frame flats.

Owner—Mendo Corp., 1136 Clement.
Contractor—E. A. Janssen, 1136 Clement Street.

Architect—Not Given. \$7,000

CURB SETBACK

(700) SW JONES ST. and Golden Gate Ave. Curb setback.

Owner and Contractor—St. Boniface Church, premises.
Architect—Not Given. \$2,500

RETAINING WALL

(701) 2968 CALIFORNIA ST. Retaining wall.

Owner—Union Oil Co., Mills Tower.
Contractor—Fred J. Early, Jr., 369 Pine Street.

Architect—Not Given. \$1,000

FACTORY

(702) S MINNA 175 W Sixth St.
One-story frame factory.

Owner and Builder—George Wagner, 181 South Park.
Architect—Not Given. \$6,000

ALTERATIONS

(703) 1423-25 19th AVE. Alter dwelling.

Owner—Frank N. Wright, c/o Contractor.
Contractor—J. W. Cobby & Son, 260 Tehama Street.

Architect—Not Given. \$2,000

DWELLING

(704) NE SHOTWELL, 75 N OF STONEMAN. Two-story & basement frame dwelling.

Owner—Phillip Brehm, 1493 Shotwell.
Architect—Not Given. \$3000

ALTERATIONS

(705) 2455 BUSH ST. Alter club house.

Owner—Calif. Tennis, Club, Prem.
Contractor—Mullen Mfg. Co., 60 Rausch St.

Architect—Not Given. \$1600

ELECTRIC SIGN

(706) SECOND AND MARKET Sts.
Electric sign.

Owner—H. S. Crocker Co., Inc., Premises.
Contractor—Elec. Prod. Corp., 910 Harrison St.

Architect—Not Given. \$1200

DWELLING

(707) N. PACHECO, 95 W 21ST AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde St. \$3750

DWELLING

(708) W. 20TH AVE., 70 S OCEAN AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde St. \$4750

DWELLING

(709) W. 20TH AVE., 160 S OCEAN AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—Not Given. \$4750

DWELLING

(709) W. 20TH AVE., 160 S OCEAN AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—Not Given. \$4750

Owner—R. F. Galli, 377 West Portal Ave.

Architect—Not Given. \$4750

DWELLING

(710) W. 20TH AVE., 34 S OCEAN AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde St. \$5250

DWELLING

(711) SW 20TH AVE. AND OCEAN AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde St. \$5750

DWELLING

(712) SW 20TH AVE. AND OCEAN AVE. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde St. \$5750

DWELLING

(713) E 25TH AVE., 250 S MORAGA. One-story and basement frame dwelling.

Owner—A. Hallgren, 1594 29th Ave.
Architect—Not Given. \$3500

DWELLING

(713) E. HARPER, 75 N LAIDLAY. One-story and basement frame dwelling.

Owner—L. Larsen, 365 Ashton Ave.
Architect—Not Given. \$4000

DWELLING

(714) S. TURK, 25 E TAMALPAIS. One-story and basement frame dwelling.

Owner—T. J. Martin, 519 California St.
Architect—Not Given. \$4000

(715) E. 31ST AVE., 280 S VINCENNE. One-story and basement frame dwelling.

Owner—G. W. Morris, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. \$4000

DWELLING

(716) E. 31ST AVE., 305 S OF VINCENNE ST. One-story and basement frame dwelling.

Owner—G. W. Morris, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. \$4000

ALTERATIONS

(717) 66 TURK ST. Alter cafe.

Owner—Chong Yet Sang, 1013 Powell St.
Contractor—Shang Git & Co., 145 Waverly Place.
Architect—Not Given. \$1220

DWELLING

(718) W. 28TH AVE., 125 N OF VINCENNE. One-story and basement frame dwelling.

Owner—F. H. Thorinsson, 1630 Ocean Ave.
Architect—Not Given. \$3500

DWELLING

(719) W. 28TH AVE., 100 N OF VINCENNE. One-story and basement frame dwelling.

Owner—F. H. Thorinsson, 1630 Ocean Ave.
Architect—Not Given. \$3500

DWELLING

(720) W. 28TH AVE., 175 N OF VINCENNE. One - story and basement frame dwelling.

Owner—F. H. Thorinsson, 1630 Ocean Ave.
Architect—Not Given. \$3500

DWELLING

(720) W. 28TH AVE., 175 N OF VINCENNE. One - story and basement frame dwelling.

Owner—F. H. Thorinsson, 1630 Ocean Ave.
Architect—Not Given. \$3500

DWELLING (721) W. 28TH AVE., 200 N OF VI-CENTE. One-story and basement frame dwelling. Owner—F. H. Thorinson, 1630 Ocean Ave. Architect—Not Given. \$3500	Owner and Builder—A. T. Morris & Sons, 5400 Fulton Street. Architect—Not Given. \$3,000	ment frame dwelling. Owner—Mendo Corp., 1138 Clement. Contractor—E. A. Janssen, 1138 Clement Street. Architect—Not Given. \$3,000
DWELLING (722) W. 28TH AVE., 150 N OF VI-CENTE. One-story and basement frame dwelling. Owner—F. H. Thorinson, 1630 Ocean Ave. Architect—Not Given. \$3500	DWELLING (734) N ANZA 107 E 38th Ave. One-story and basement frame dwelling. Owner and Builder—A. T. Morris & Sons, 5400 Fulton Street. Architect—Not Given. \$3,000	DWELLING (746) E 19th AVE. 325 S Ulloa St. One - story and basement frame dwelling. Owner and Builder—Meyer Bros., 735 Portola Drive. Architect—Not Given. \$4,000
DWELLING (723) SW GENEVA AVE. and Cayuga. One - story and basement frame dwelling. Owner and Builder—Arco Bldg. Co., 5401 Mission Street. Architect—Not Given. \$4,000	WAREHOUSE (735) 675 TREAT AVE. Class C warehouse. Owner—Regal Amber Brewing Co., 675 Treat Avenue. Contractor—Fair Mfg. Co., 617 Bryant Street. Engineer—W. H. Ellison, Pacific Bldg. \$1,480	DWELLING (747) E 19th AVE. 275 S Ulloa St. One - story and basement frame dwelling. Owner and Builder—Meyer Bros., 735 Portola Drive. Architect—Not Given. \$4,000
ALTERATIONS (724) 507 SIXTH Ave. Alter dwelling. Owner and Contractor—John F. Bailey, 507 Sixth Avenue. Architect—Not Given. \$1,800	DWELLING (736) W 46th AVE, 50 N Rivera. One - story and basement frame dwelling. Owner and Builder—S. A. Schwartz, 305 Grant Avenue. Architect—Not Given. \$3,000	DWELLING (748) E 19th AVE. 300 S Ulloa St. One - story and basement frame dwelling. Owner and Builder—Meyer Bros., 735 Portola Drive. Architect—Not Given. \$4,000
DWELLING (725) W 20th AVE. 75 N Quintara. One - story and basement frame dwelling. Owner and Builder—Albert Bernhardt, 2406 22nd Avenue. Architect—D. E. Jaekle, 126 Post. St. \$4,000	DWELLING (737) S OAKDALE 225 W Keith St. One - story and basement frame dwelling. Owner and Builder—G. Carraro and Sons, 750 Felton Street. Architect—Not Given. \$3,100	DWELLING (749) E 19th AVE. 350 S Ulloa St. One - story and basement frame dwelling. Owner and Builder—Meyer Bros., 735 Portola Drive. Architect—Not Given. \$4,500
DWELLING (726) W 20th AVE. 125 N Quintara. One - story and basement frame dwelling. Owner and Builder—Albert Bernhardt, 2406 22nd Avenue. Architect—D. E. Jaekle, 126 Post. St. \$4,000	ALTERATIONS (738) 735 HARRISON ST. Alter plant. Owner—Crocker Union, 735 Harrison Street. Contractor—Adlite Neon Corp., c/o 5385 Third Street. Architect—Not Given. \$9,000	ALTERATIONS (750) 25 TAYLOR ST. Alter offices. Owner and Contractor—J. Orpheum, 1270 Sixth Avenue. Architect—Not Given. \$3,000
DWELLING (727) W 20th AVE. 100 N Quintara. One - story and basement frame dwelling. Owner and Builder—Albert Bernhardt, 2406 22nd Avenue. Architect—D. E. Jaekle, 126 Post. St. \$4,000	DWELLING (739) N ULLOA 82 W 22nd Ave. One-story frame dwelling. Owner and Builder—C. Ingerman, 280 Claremont. Architect—Not Given. \$3,500	ALTERATIONS (751) 1440 CLEMENT ST. Alter apts. Owner—Homer Smith, premises. Contractor—Bay Cities Bldg. Co., 160 Russ Street. Architect—Not Given. \$1,000
ALTERATIONS (728) 905 ELLIS ST. Alter flats. Owner and Contractor—J. H. Clark, 110 Sutter Street. Architect—Not Given. \$1,200	DWELLING (740) NW 25th AVE. and Ocean Ave. One- and 2-story frame dwelling. Owner and Builder—M. A. Little Co., 107 24th Avenue. Architect—A. H. Larsen, 133 Kearny Street. \$6,000	FLATS (752) S 18th ST. 260 W Douglas. Two - story and basement frame dwelling. Owner—G. Williams, 208 Douglas St. Contractor—V. E. Ratto, 4594 Nineteenth Street. Architect—Not Given. \$6,000
ALTERATIONS (729) 215 TURK ST. Alter dwelling. Owner—F. E. Douppnick, 60 Federal. Contractor—J. H. McFarland, 624 2nd Avenue. Architect—Not Given. \$1,000	DWELLING (741) W SAN BRUNO AVE. 200 N 25th St. One-story and basement frame dwelling. Owner and Builder—Patrick M. McDonald, 1047 Treat Avenue. Architect—Not Given. \$4,000	ALTERATIONS (753) 163 CHESTNUT Street. Alter dwelling. Owner—Chas. R. Barry, premises. Contractor—Masarie & Scatena, 2550 19th Street. Architect—Not Given. \$1,000
ALTERATIONS (730) 610 HYDE ST. Alter apts. Owner—A. J. Merle, 1025 Sherman St., Alameda. Contractor—Fred W. Schell, 666 Mission Street. Architect—Not Given. \$2,000	DWELLING (742) W SAN BRUNO AVE. 175 N 25th St. One-story and basement frame dwelling. Owner and Builder—Patrick M. McDonald, 1047 Treat Avenue. \$4,000	ALTERATIONS (754) 433 CALIFORNIA ST. Alter offices. Owner—Firemen's Fund Ins. Co., 401 California St. Contractor—Lindgren and Swinerton, Inc., 225 Bush St. Engineer—L. S. Rosener, 233 Sansome Street. \$80,000
DWELLING (731) NE HILL and Sanchez St. One - story and basement frame dwelling. Owner and Builder—Geo. M. Moore, 2117 Leavenworth St. Architect—Not Given. \$4,000	DWELLING (743) E PINEHURST WAY 50 N Ocean Ave. One-story and basement frame dwelling. Owner—Mendo Corp., 1138 Clement. Contractor—E. A. Janssen, 1138 Clement Street. Architect—Not Given. \$3,000	MILK PLANTS (755) 33th and HOWARD Streets. Class B milk plant. Owner—Marin Dalrymen's Milk Co., Ltd., 1683 Howard Street. Contractor—Barrett & Hilp, 918 Harrison Street. Architect—Harry A. Thomsen, 315 Market St. \$2,000
DWELLING (732) N ANZA 83 E 38th Ave. One-story and basement frame dwelling. Owner and Builder—A. T. Morris & Sons, 5400 Fulton Street. Architect—Not Given. \$3,000	DWELLING (744) N OCEAN AVE 81 E Pinehurst Way. One-story and basement frame dwelling. Owner—Mendo Corp., 1138 Clement. Contractor—E. A. Janssen, 1138 Clement Street. Architect—Not Given. \$3,000	SAN FRANCISCO CO. PERMITS UNDER \$1000 SIGN, electric, \$300; 401 O'Farrell St.; owner, Bed Rock Drug St. Prem.; contractor, Amer. Elec. Sign Co., 1740 Eddy St. SIGN, electric, \$135; 358 Sutter St.; owner, Louis K. Towne, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.
DWELLING (733) N ANZA 57 E 38th Ave. One-story and basement frame dwelling.	DWELLING (745) E PINEHURST WAY 25 N Ocean Ave. One-story and base-	

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
787	Bindell	Sjoberg	4350
788	Corti	Prunetti	4934
789	Joslyn	Owner	1500
790	St. Sure	Armstrong	22000
791	Anderson	Owner	3900
792	Manning	Owner	8200
793	Miller	Thrams	21500
794	Van Ness	Van Ness	3950
795	Walson	Casquelro	3000
796	Arata	Vila	5000
797	De Freitas	Studebaker	1800
798	Kriski	Lynn	7500
799	Russello	Owner	3700
800	Scherman	Spivock	4000
801	Scott	Ehrman	4000
802	Adams	Spaulding	1600
803	Duerr	Coin	3100
804	Johnson	Owner	4750
805	Taylor	Fleming	5500
806	Weaver	Owner	2500
807	Omara	Omara	1000
808	Reininghaus	Owner	4500
809	Vonnickel	Josephs	1500
810	Cardinet	Moore	21000
811	Daremus	Waldman	2950

ADDITION

(787) 176 11TH ST., OAKLAND.
One-story brick and tile addn.
Owner—Bindell & Co., 209 12th St.
Contractor—N. H. Sjoberg & Son,
5664 E. 16th St.
Architect—C. B. Rubmer, 4527
Fleming Ave. \$4850

DWELLING

(788) 1336 87TH AVE., OAKLAND.
One-story 6-room dwelling.
Owner—V. Corti, 1331 87th Ave.
Contractor—S. J. Prunetti, 9239 Wal-
nut St.
Architect—Not Given. \$4934

ALTERATIONS

(789) 531 Foothill Blvd., OAK-
LAND. Alterations and addi-
tions.
Owner & Builder—A. Joslyn, 537
Foothill Blvd.
Architect—Not Given. \$1500

RESIDENCE

(790) 333 HAMPTON ROAD, PIED-
MONT. Two-story, 10-room resi-
dence, and garage.
Owner—Paul St. Sure, Financial
Center Bldg.
Contractor—J. R. Armstrong, 834 E.
10th St., Oakland.
Architect—C. W. Mayhew. \$22,000

DWELLING

(791) 3388 MORCOM AVE., OAK-
LAND. One-story 5-room dwell-
ing.
Owner & Builder—Chas. Anderson,
3817 Park Blvd.
Architect—Not Given. \$3900

DUPLEX

(792) 6576-78 LUCAS AVE., OAK-
LAND. One-story 12-room dup-
lex.
Owner & Builder—Mrs. M. Manning,
2849 Delaware St.
Also 1-story garage, \$400.
Architect—Not Given. \$8200

FACTORY

(793) 206 SECOND ST., OAKLAND.
One-story concrete factory.
Owner—Miller Packing Co., 218 2nd
St.
Contractor—C. H. Thrams, 28 Home
Place.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Engineer—James Smith, 251 Kearny
St., San Francisco. \$21,500

DWELLING

(794) 4652 REINHARDT DRIVE,
OAKLAND. One-story 6-room
dwelling.

Owner—L. E. Van Ness, 4920 Park
Blvd.
Contractor—L. E. Van Ness & Son,
4920 Park Blvd.
Architect—Not Given. \$3950

DWELLING

(795) 2429 96TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—E. K. Watson, Prem.
Contractor—A. Casqueiro, 2648 78th
Ave.
Architect—Not Given. \$3000

DWELLING

(796) 5656 COLTON BLVD., BERK-
ELEY. One-story 5-room dwell-
ing.
Owner—A. Arata, 352 49th St.
Contractor—Joe Vila, 1207 Solano
Ave., Albany.
Architect—Not Given. \$5000

DWELLING

(797) 1431 E. 34TH ST., OAKLAND.
One-story 3-room dwelling.
Owner—Laura De Freitas, Prem.
Contractor—S. M. Studebaker, 259 E.
12th St.
Architect—Not Given. \$1600

FLAT AND STORE

(798) 5634-36 SHATTUCK AVE.,
OAKLAND. Two-story 7-room
flat and store.
Owner—James Kriski, 1037 Ash-
mount Ave.
Contractor—Willis F. Lynn, 1037
Ashmount Ave.
Architect—Not Given. \$7500

ALTERATIONS

(799) 1809-11-15 14TH AVE., OAK-
LAND. Alterations and addi-
tions.
Owner & Builder—Angelina Russel-
lo, 1809 14th Ave.
Architect—Guy L. Brown, 601 Bank
of Commerce Bldg. \$3700

DWELLING

(800) 1515 26TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Sal Scherman, 1538 26th Ave.
Contractor—Wm. Spivock, 544 Gold-
en Gate Ave., San Francisco.
Architect—Not Given. \$4000

DWELLING

(801) 4201 WILSHIRE BLVD., OAK-
LAND. Two-story 5-room dwell-
ing.
Owner—W. H. Scott, 5062 Fairfax
Ave.
Contractor—Ehrman & Major, 3307
Champion St.
Architect—Not Given. \$5000

ALTERATIONS

(802) 829 53RD ST., OAKLAND.
Alterations and additions.
Owner—Mrs. C. Adams, Prem.
Contractor—P. Spaulding, 1511 Union
St.
Architect—Not Given. \$1600

DWELLING

(803) 6204 TRENOR ST., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—F. C. Duerr, 2761 68th Ave.
Contractor—Oscar Coin, 3233 64th
Ave.
Also garage, \$200.
Architect—Not Given. \$3100

DWELLING

(804) 3378 GUIDO ST., OAKLAND.
One-story 6-room dwelling.
Owner & Builder—O. W. Johnson,
3721 Young Ave.
Architect—Not Given. \$4750

DWELLING

(805) 3958 LYMAN ROAD, OAK-
LAND. One-story 6-room dwell-
ing.
Owner—H. Taylor, 2540 Montana St.

Contractor—John Fleming, 2248 Co-
lona St.
Also garage, \$350.
Architect—Not Given. \$5500

ALTERATIONS

(806) 231 ATHOL AVE., OAKLAND.
Alterations and additions.
Owner & Builder—W. A. Weaver, 231
Athol Ave.
Architect—Not Given. \$2500

ALTERATION

(807) 1519 ENCINAL AVE., ALA-
MEDA. Alteration.
Owner—Edward Omara, Prem.
Contractor—Edward Omara, Prem.
Architect—Not Given. \$1000

DWELLING

(808) 824 CARMEL AVE. One and
one-half story 6-room frame
dwelling.
Owner & Builder—B. Reininghaus,
117 El Camino Real.
Architect—Not Given. \$4500

REMODELING

(809) 325 PACIFIC AVE., ALA-
MEDA. Remodeling.
Owner—F. W. Vonnickel, Prem.
Contractor—Walter J. Josephs, 3124
Minna Ave., Oakland.
Architect—Not Given. \$1500

DWELLING

(810) 100 PERSHING DR., OAK-
LAND. Two-story 11-room
dwelling.
Owner—E. H. Cardinet, Prem.
Contractor—The John J. Moore Co.,
354 Hobart St.
Architect—John B. Anthony, 3252
Lakeshore Ave.

DWELLING

(811) 2409 57TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—M. E. Daremus, Prem.
Contractor—A. E. Waldman, 5409
Foothill Blvd.
Also 1-story garage, \$150.
Architect—Not Given. \$2950

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
269	Parisi	G. G. Inv. Co.	13000
270	Busher	Jensen	17459
271	Owens-Illinois	Barrett	8000
272	P T & T	Exley	450
273	P T & T	Jacks	1122

DWELLING

(269) LOTS 15 & 16, BLK. 3274 OF
MT. DAVIDSON MANOR. Frame
dwelling.
Owner—Dr. J. Vincent Parisi, 471
Lisbon.
Architect—W. E. Huson, 475 24th
Ave.
Contractor—Golden Gate Investment
Co., Inc., 33rd Ave. and Rivera.
Filed Mar. 18, '38. Dated Mar. 8, '38.
25% roof on.
25% brown coat.
25% completion.
25% usual 35 days.
TOTAL COST, \$13,000
Bond, \$13,000. Surety, Fireman's
Fund Indem. Co.

DWELLING

(270) S. CHESTNUT, 85 E HYDE.
Three-story frame dwelling.
Owner—Walter P. Busher.
Architect—Gardner A. Dalley, 210
Post St.
Contractor—G. P. W. Jensen & Sons,
Inc., 320 Market St.
Filed Mar. 18, '38. Dated Mar. 16, '38
75% each month.
25% usual 35 days.
TOTAL COST, \$17,489.50
Limit, 150 days. Plans and specifi-
cations filed.

ALTERATIONS
 (271) NE 15th and FOLSOM STS.
 Alter office and warehouse.
 Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom Street.
 Architect—A. F. ROLLER, Crocker 1st National Bank Bldg.
 Contractor—Barrett & Hilp, 918 Harrison Street.
 Filed, Mar. 22, '38. Dated, Mar. 21, '38
 Progressive payments on the 1st and 10th of each month.
 TOTAL COST, \$8,000
 Bond, \$8,000. Sureties, U. S. Guarantee Co. Limit, 35 days. Plans and specifications filed.

PAINTING
 (272) 1145 LARKIN ST. Exterior painting of office building.
 Owner—The Pacific Tel. & Tel. Co. premises.
 Architect—Not Given.
 Contractor—John G. Exley & Son, 240 Van Ness Ave. South.
 Filed, Mar. 23, '38. Dated, Mar. 9, '38.
 Upon completion75%
 Forty days after25%
 TOTAL COST, \$450.00
 Bond, \$450.00. Sureties, Pacific Indemnity Co. Plans and Spec. filed.

ALTERATIONS
 (273) 389 NINTH AVE. Alter second floor of office building.
 Owner—The Pacific Tel. & Tel. Co. premises.
 Architect—Not Given.
 Contractor—Jacks & Irvine, 620 Market Street.
 Filed, Mar. 23, '38. Dated, Mar. 15, '38.
 Upon completion75%
 Forty days after25%
 TOTAL COST, \$1,122.00
 Bond, \$1,122. Sureties, Pacific Indemnity Co. Plans and Spec. filed

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
160 Rochi	Joaquin	5050

RESIDENCE & CAFE
 (160) E. 14TH ST. AND FAIRVIEW AVE., EDEN TWP. Residence and cafe.
 Owner—Pietro and Helen Rochi.
 Contractor—M. Joaquin, 124 Harlan St., San Leandro.
 Filed Mar. 23, '38. Dated Mar. 14, '38
 Rough frame up—25%.
 Plastered—25%.
 Completion—25%.
 Usual 35 days—25%.
 TOTAL COST, \$5,050
 Bond, \$5,050. Surety, Glens Falls Indemnity Co. Limit, 90 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS
 UNDER \$1000**

ALTER restaurant, \$450; 1923 Ocean Ave.; owner, Hondales & Sons, premises; contractor, Mangrum, Holbrook & Elkus, 301 Golden Gate Ave.
 SIGN, electric, \$125; 2845 Mission St.; owner, G. Bergman, premises; contractor, S. F. Neon Glass Wks
 ALTER flat, \$490; 1905 Mason St.; owner, John Luacci, 802 Filbert; owner, Ferdinando Rossi, 1835 Stockton St.
 ALTER dwelling, \$200; 2314 Bryant; owner, Louis Decia, premises; contractor, Wm. H. Steel, Ltd., 512 Second St.
 ALTER dwelling, \$48; 269 Moultrie; owner, Pauline Menoz, premises.
 ALTER apts, \$300; 26 Church Street; owner, Carl M. Keenen, prem.
 SIGN, electric, \$180; 3472 Sacramento St.; owner, Gilt Edge Market, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$50; 2049 Chestnut; owner, Paul Frucehl, premises; contractor, State Mfg. Co., 55 Rausch St.
 BILLBOARD, \$13; E 19th Ave. 125 S Lincoln Way; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
 ALTER dwelling, \$100; 1330 Shafter Ave.; owner, Mr. Farrington, 2721 23rd St.; contractor, P. J. Kelly, 3721 23rd St.
 ALTER dwelling, \$300; 519 Fell St.; owner, Geo. Phillips, premises; contractor, W. Warren, 614 Hanover Street.
 SIGN, electric, \$190; 58 Third St.; owner, W. L. Douglas Shoe Co. premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
 SIGN, electric, \$100; 2763 Mission St.; owner, Globe Realty Co. prem.; contractor, State Mfg. Co., 55 Rausch St.
 BILLBOARD, \$25; N Golden Gate Ave. 150 E Central; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.
 FLUES, \$390; NE Villa Terrace 140 S Pemberton Pl.; owner, F. Nelson & Sons, 2901 19th Avenue; contractor, Portola Sheet Metal Supply, 301 West Portal Avenue.
 ALTER dwelling, \$200; 425 Grove St.; owner, Fred Hertz, premises; contractor, Wm. Henry Steel, Ltd., 512 Second St.
 ALTER flats, \$500; 2125 Bush St.; owner, T. H. Segal, 817 Prospect.
 ALTER dwelling, \$125; 1218 York St.; owner, Fred Bardini, premises; contractor, Frank E. Connell, 252 Diamond St.
 ALTER dwelling, \$15; 234 Juanita Way; owner, Frank and Clara Foyson, premises.
 SIGN, electric, \$30; 720 Market St.; owner, Price's Shoe Store, 720 Market St.; contractor, Electrical Prod. Corp., 910 Harrison St.
 ALTER store, \$15; 183 6th Street; owner, Nick Gandolfo, premises.
 ALTER restaurant, \$800; 4652 Geary Blvd.; owner, Geo. Kokotos, 4652 Geary; contractor, San Francisco Show Case Co., 652-A McAllister.
 ALTER bank, \$100; NW Jones and McAllister Sts.; owner, Hibernia Bank, premises; contractor, Carroll Bros., Colusa.
 SIGN, electric, \$495; 824 Washington St.; owner, Universal Cafe, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER apts, \$25; 1859 Fulton St.; owner, M. and F. Payan, prem.; contractor, E. Sugarman, 3624 Geary St.
 ALTER offices, \$975; 400 Post St.; owner, The United Air Lines, 400 Post St.; contractor, The Fink & Schindler Co., 552 Brannan.
 ALTER dwelling, \$150; 58 Monterey Blvd.; owner, M. Santacano, 58 Monterey Blvd.
 ALTER dwelling, \$200; 1366 Hayes; owner, Roland W. Egli, prem.
 ALTER dwelling, \$400; 763 Westgate Drive; owner, Herman C. Hogrefe, 559 24th Ave.
 ALTER market, \$785; 3913 24th St.; owner, Jas. McElroy, 201 Sansome St.; contractor, Antoine Peterson & Sons, 2758 San Bruno Avenue.
 ALTER dwelling, \$75; 360 Utah St.; A. Molinari, 354 Utah St.; contractor, D. Cappelletti, 667 Hampshire St.
 SIGN, electric, \$200; 2150 Market St.; owner, C. G. Holmgren, premises; contracto, Western Neon Lite Co., 75 Fremont St.
 FLUES, \$50; W Edinburg 50 South France; owner, J. F. Blaiotino, 708 Edinburg; contractor, P. T. Perini, 325 Wayland St.
 ALTER dwelling, \$150; 935 Iowa St.; owner, E. Melley, 2329 Mission.

SIGN, electric, \$200; 1041 Taraval St. owner, Milly Way Creamery, 1041 Taraval St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER dwelling, \$450; 550 Vermont; owner, A. Bernardi, premises; contractor, D. Cappelletti, 667 Hampshire St.
 ALTER dwelling, \$400; 1845 McAllister St.; owner, A. W. Sanford, premises.
 SIGN, electric, \$250; 455 Dolores St.; owner, Mission Covenant Church, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER flats, \$225; 506 Ashbury St.; owner, Mrs. Rathman, 1492 Valencia; contractor, Star Ornamental Iron Works, 227 Bay St.
 ALTER dwelling, \$25; 324 Bocana; owner, E. Ivlich, prem.; contractor, T. Starali, 1755 Dolores.
 ALTER dwelling, \$150; 136 Cook St.; owner, C. W. Anderson, prem.
 ALTER dwelling, \$350; 5915 California; owner, Ignatius Majcen, 5915 California; contractor, O. H. Anderson, 2259 Geary St.
 SIGN, electric, \$425; 2535 Mission; owner, J. C. Campbell, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER cafeteria, \$975; 1059 Market St.; owner, Clinton Cafeteria, premises; contractor, A. M. Hardy, 736 Clementina St.
 ALTER dwelling, \$350; 627 Felton St.; owner, Mr. Briscoe, Prem.; contractor, G. Carraro & Sons, 700 Felton St.
 ALTER restaurant, \$150; 1650 Post St.; owner, K. Shoji, Prem.
 SIGN, electric, \$65; 401 Baker St.; owner, Morrison Funeral Home, Prem.; contractor, Elec. Products Corp., 910 Harrison St.
 ALTER dwelling, \$200; 950 Hampshire St.; owner, Howard Miller, Prem.; contractor, William Henry Steel, Ltd., 512 22nd St.
 ALTER dwelling, \$500; W. Ingalls, 30 N Fitzgerald; owner, I. Guide, 2830 Ingalls St.
 ALTER dwelling, \$300; 577 Sanchez St.; owner, Russell Domingos, 520 Van Ness Ave. South.
 ALTER store, \$100; 439 Valencia; owner, R. Brannon, Prem.; contractor, J. D. Woodside, 3490 Mission St.
 ALTER dwelling, \$250; 77 Winfield; owner, J. Edges, Prem.
 ALTER warehouse, \$450; 380 10th St.; owner, J. E. McEvoy, 99 27th Ave.; contractor, H. H. Moller & Son 2712 McAllister St.
 SIGN, electric, \$160; 193 Fremont St.; owner, Annex Cafe, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
 ALTER store, \$500; 115 Mission St.; owner, F. Fitschen, 735 Taylor St.; contractor, Nelson Annihilators, 210 Post St.
 ALTER dwelling, \$500; 132 Cole-ridge; owner, Chas. Friedman, Prem.
 SIGN, electric, \$25; 930 Van Ness Ave.; owner, Automotive Service Co., Prem.; contractor, Electric Prod. Corp., 910 Harrison St.
 ALTER dwelling, \$250; 403 Diamond St.; owner, E. J. and A. T. Johnston, Prem.
 ALTER flats, \$350; 1420 Powell St.; owner, Hale Estate, c/o Contractor; contractor, L. Salomon, 1734 Broderick St.
 ALTER dwelling, \$100; 1699 Post St.; owner, S. Serada, 1699 Post St.
 SIGN, electric, \$180; 2069 Irving St.; owner, Elsa Dress Shop, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
 ALTER storage room, \$400; 636 4th Ave.; owner, Frank R. Sterling, Prem.
 ALTER shed, \$45; 360 11th Ave.; owner, H. Araboglu, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and |
| 7.—Federal Building Ings. | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & |

1—APARTMENTS

Completing Plans
APARTMENTS Est. Cost, \$60,000
BURLINGAME, San Mateo Co., Cal. Three-story frame apartment house (18 apts.; 6 2-rm., 12 4-rm.) composition and tile roof, steel and wood sash, hardwood floors, tile baths and stall showers, steam heating plant.
 Owner—C. DeBenedetti, 916 N. Humboldt St., Burlingame (San Mateo 2786).
 Architect—R. R. Irvine, 2048 Market St., San Francisco.
 The owner will take segregated bids in about ten days.

Sub Contracts Awarded
APARTMENTS Cont. Pr., \$20,493
SAN MATEO, San Mateo Co., Calif. N. 9th Ave., 227 E. of El Camino Real.

Two-story frame and stucco apartment building (10 apts.), composition and shake roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Thos. Cook, 730 O'Farrell St., San Francisco.

Architect—D. A. Jaekle, 126 Post St., San Francisco.

Contractor—Wilfred H. May, 459 Wisconsin Ave., San Mateo.

Roofing—Crowley Roof Co., 108 California Drive, Burlingame.

Plumbing and Heating—M. Dillon, 2171 S. El Camino Real, San Mateo.

Electric Wiring—Madley Electrical Co., 1163 Broadway, Burlingame.

Sheet Metal—E. Steiger, 45 B Street, San Mateo.

Tile Work—R. A. Houghton, Rt. 2, Box 102-G, Redwood City.

Hardwood Floors—Harry Helberg, 127 Finger Ave., Redwood City.

Lumber—Loop Lumber Co., Central Basin, San Francisco.

Mill Work—H. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts., San Francisco.

Painting—E. W. Tillman, Rt. 2, Box 74, Menlo Park.

Lathing and Plastering—P. & E. Venturilli, 943 N. Idaho Street, San Mateo.

Concrete—Hugo Helsingier, 1122 4th St., San Mateo.

3—CHURCHES

PLANS BEING FIGURED
ALHAMBRA, Los Angeles Co., Cal.—The Roman Catholic Chancery of the Diocese of Los Angeles; Rt. Rev. John J. Cantwell, Archbishop, 714 W. Olympic Blvd., Los Angeles, is taking bids from a selected list of contractors for construction of a reinforced concrete church building

(56x140-ft.) at Main St. and Electric Ave., Alhambra for All Soul's Church Father Peter Hanrahan, pastor. Est. cost, \$75,000. Plans prepared by H. C. Newton, A.I.A., 502 Architects' Bldg., Los Angeles. * 3

PLANS BEING FIGURED

SNOWFLAKE, Ariz.—As previously reported, until March 30, Architects Alexander & Burton, 918 Title & Trust Bldg., Phoenix, are taking bids for a new edifice to be built in Snowflake, Navajo county, Ariz., for the Church of Jesus Christ of Latter Day Saints. It will be a one-story structure, containing a chapel to seat 360 persons, social hall, classrooms, offices and kitchen; native stone construction. Est. cost, \$47,000.

4—FACTORIES & WAREHOUSES

Planned
LUMBER MILL Est. Cost, \$100,000
FEATHER FALLS, Butte Co., Cal. Construction of lumber mill and planing mill.
 Owner—Feather River Pine Mills (A. H. Land, Pres.).
 Engineer—Charles B. Sewell.
 Construction will start in about six weeks. * 4

To Be Done By Day's Work
FACTORY Cost, \$6,000
SAN FRANCISCO, S. Minna St., 175 ft W Sixth St.
 One-story frame building.
 Owner & Builder—Geo. Wagner, 181 South Park.
 Architect—Not Given. 4

Plans Being Figured—Bids Close
 March 29, 2 P. M.
ALTERATIONS & ADDITIONS
 Est. Cost, \$200,000
SACRAMENTO, Sacramento County.
 One - story reinforced concrete and corrugated iron addition (150x 300-ft.) to present shop building and alterations to present shop).
 Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
 Plans by Engr. Dept. of Owner.
 Bids will be opened in the San Francisco office of the owner.
 Following contractors are figuring plans:

Frederic J. Early, Jr., 369 Pine Street, San Francisco.
 Lindgren and Swinerton, Inc., 615 Standard Oil Bldg., San Francisco.
 W. A. Bechtel Co., 155 Sansome St., San Francisco.
 P. J. Walker Co., 607 Sharon Bldg., San Francisco.
 Barrett & Hilp, 918 Harrison St., San Francisco.

Die Widdie Construction Co., Inc., 210 Crocker Bldg., San Francisco.
 MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.
 Clinton Const. Co. of California, 923 Folsom St., San Francisco.
 K. E. Parker Co., 135 South Park, San Francisco.

The Austin Co., Ray Bldg., Oakland.
 Bates & Rogers Const. Co., 3401 Wood St., Oakland.
 Campbell Const. Co., 800 R Street, Sacramento.
 George Pollock Co., P. O. Box 903, Sacramento.

WORKING DRAWINGS COMPLETED

LOS ANGELES, Cal.—L. A. Water

& Power Dept., 207 S. Broadway, has completed working plans for a three-story Class A electric repair shop building (120x180 ft.), to be built at 1530 St. John St. for the department. The job will be advertised by the purchasing agent of the department about April 15 and separate bids will probably be taken for the general work, mechanical work and other trades. Est. cost, \$350,000. 4

Contract Awarded

PLANT Cost, \$.....
SAN FRANCISCO. Howard and 13th Streets.

Class B milk plant.
 Owner—Marin Dairymen's Milk Co., Ltd., 1683 Howard St.

Architect—Harry A. Thomsen, 315 Market Street.

Contractor—Barrett & Hilp, 918 Harrison St.

5—FLATS

Contract Awarded
FLATS Cost, \$7,000
SAN FRANCISCO. W. Potrero Ave., 294 ft N 25th St.

Two - story and basement frame flats.

Owner—J. Butler, Fire Prevention Bureau.

Architect—Not Given.
 Contractor—John Newton, 2029 Kirkham St. 5

Contract Awarded
FLATS (2) Cost, \$7,500 each
SAN FRANCISCO. E. 13th Ave., S of Lincoln Way.

Two two-story and basement frame flats.

Owner—Mendo Corp.
 Architect—Not Given.
 Contractor—E. A. Janssen, 1136 Clement St. 5

To Be Done By Dy's Work
FLATS Cost, \$10,000
SAN FRANCISCO. E. Stanyan, 241 ft S Geary St.

Two-story and basement frame flats.
 Owner & Builder—Peder F. Johnsen, 70 Stanyan St.

Architect—Not Given. 5

Sub Contracts Awarded
FLATS Cost, \$10,000
SAN FRANCISCO. E. Montgomery St., 25 N Filbert St.

Two-story frame flat building.
 Owner—A. L. Holden, 1150 Union St.

Architect—Chas. S. Pope, 1932 Cabrillo St.

Contractor—E. W. Perkins, 3506 Fulton St.

Roofing—Bay Title Roofing Co., 198 Moltke St.

Plumbing—Security Plumbing Supply Co., 1657 Market St.

Electric Wiring—Standard Electric & Engr. Co., 752 Folsom St.

Heating and Sheet Metal—Atlas Htg. & Vent. Co., Ltd., 557 4th St.

Glass—W. P. Fuller & Co., 301 Mission St.

Hardwood Floors—McCrellis Hardwood Floor Co., 1221 9th Ave.

Brick and Stone Work—Robt. S. Holding, 334 28th Ave.

Foundations—Golden West Concrete Co., 3 Boyce St.

Lumber—Smith Lumber Co., 4th & Channel Sts.

Mill Work—Perkins Bros., 2501 Army Street.

Painting—E. L. Warden, 541 Page St. All of San Francisco. * 5

Contract Awarded
FLATS Cost, \$8,000
OAKLAND, Alameda Co., Cal. 5634
 5636 Shattuck Avenue.
 Two-story flat and store building (7
 rooms).
 Owner—Jas. Kriski, 1037 Ashmount
 Ave., Oakland.
 Architect—Not Given.
 Contractor—Willis F. Lynn, 1037 Ash-
 mount Ave., Oakland. 5

Contract Awarded
FLATS Cost, \$6,000
SAN FRANCISCO, S. 18th St., 26 ft
 W Douglas St.
 Two-story and basement frame flats.
 Owner—G. Williams, 208 Douglas St.
 Architect—Not Given.
 Contractor—Victor E. Ratto, 4594 19th
 St. 5

3—GARAGES & SERVICE STATIONS

Bids Rejected
STAGE TERMINAL Cost, \$.....
PORTLAND, Ore. SW 6th and Tay-
 lor Streets.
 Two-story Class C reinforced con-
 crete fireproof stage terminal
 bldg. and one-story steel frame
 covered driveway.
 Owner—Union Stage Terminal Co.
 Architect—Knight & Howell, U. S.
 Bank Bldg., Portland.
 Bids were rejected as too high.
 Plans will be revised and new bids
 called.
 Geo. H. Bucker Co., Portland, * 6
 \$161,890, submitted low bid.

Bids In—Held Under Advertisment
SERVICE STATION Cost, \$.....
SANTA CRUZ, Santa Cruz Co., Cal.
 Pacific and Cathcart Streets
 Steel gasoline service station.
 Owner—Union Oil Co. of Calif., 220
 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
CONTRACT AWARDED
PORT McDOWELL, Cal.—Ray Oil
 Burner Co., 401 Bernal Ave., San
 Francisco, at \$1,004.77, awarded con-
 tract by the Quartermaster, Fort
 McDowell, under Circ. Prop. 536-38-
 15, for furnishing and installing oil-
 burning range and storage tank in
 the station hospital, Fort McDowell,
 Calif. 7

CONTRACT AWARDED
REDDING, Shasta Co., Calif.—
 Prefabricated Construction, Inc., Sea-
 tattle, at \$3,396, awarded contract by
 the War Dept., Office of the Quar-
 termaster, Ninth Corps Area, Presi-
 dencio of San Francisco, for the fab-
 rication of three portable demount-
 able buildings for CCC Camp No.
 F-27, Big Bar, Railhead, Redding.

BIDS WANTED
CHEYENNE, Wyo.—Until April 1,
 10 a. m., bids will be received by the
 Procurement Division, Public Bldgs.
 Branch, Washington, D. C., for paint-
 ing plaster, etc. (fourth story), in
 the U. S. Federal Office Building at
 Cheyenne.
 Specifications may be obtained
 from the above office and from the
 Custodian of the Building at Chey-
 enne.

CONTRACT AWARDED
SAN FRANCISCO—A. E. Mangs
 & Associates, 666 Mission Street, at
 \$3,959 awarded contract by the Pro-
 curement Division, Public Buildings
 Branch, Washington, D. C., for mak-
 ing miscellaneous changes and re-
 pairs in the U. S. Mint at San Fran-
 cisco.

CONTRACT AWARDED
LOS ANGELES HARBOR—Moore
 Machinery Co., 2045 Santa Fe Ave.,

Los Angeles, awarded contract at
 \$2043, by the 11th Naval District for
 refrigerating equipment and arms in
 mess hall-gallery building at Reeves
 Field, Terminal Island, Los Angeles
 Harbor; Spec. 8654. 7

BIDS WANTED
SAN DIEGO—Until March 31, 11
 a. m., bids will be received by the
 Public Works Officer, 11th Naval
 District, for repairs to elevator at the
 Naval Hospital; Spec. 8699.
 Work includes an automatic gate
 closer for the elevator car in the
 North Medical Building No. 15.
 Bidding data obtainable from the
 above office upon deposit of \$10, pay-
 able to the Chief of the Bureau of
 Yards and Docks. 7

Site Selected
POST OFFICE Cost, \$.....
MANAOTU PARK, Colo. West side
 of Cannon Ave., bet. Grand and
 Park Aves.
 U. S. Post Office.
 Owner—U. S. Government.
 Plans by the Supervising Architect,
 Treasury Dept., Washington, D.C.
 Property (180 x 130 ft.) submitted
 by State Savings Bank, Colorado.
 Cost, \$6,500.

BIDS WANTED
WATSONVILLE, Santa Cruz Co.,
 Cal.—Until April 19, 10 a. m., bids will
 be received by the Procurement Divi-
 sion, Public Bldgs. Branch, Wash-
 ington, D. C., for insect screens in
 the U. S. Post Office at Watson-
 ville.

Specifications obtainable from the
 above office and from the custodian
 of the building.

BIDS WANTED
SELMA, Fresno Co., Calif.—Until
 April 21, 10 a. m., bids will be re-
 ceived by the Procurement Division,
 Public Buildings Branch, Washing-
 ton, D. C., for insect screens in the
 U. S. Post Office at Selma.

Specifications obtainable from the
 above office and from the Custodian
 of the Building, at Selma.

BIDS WANTED
ONTARIO, Ore.—Until April 19, 10
 a. m., bids will be received by the
 Procurement Division, Public Bldgs.
 Branch, Washington, D. C., for con-
 crete curbs at the U. S. Post Office
 at Ontario.

Specifications obtainable from the
 above office and from the Custodian
 of the Building, at Ontario. 7

LOW BIDDERS
MARE ISLAND, Solano Co., Cal.—
 Following are the three low bids sub-
 mitted to the Bureau of Yards and
 Docks, Navy Department, Washing-
 ton, D. C., for power-operated cap-
 tains at Navy Yard, Mare Island;
 Spec. 8515:
 The Silent Holst Winch and Crane
 Co., 762 Henry St., Brooklyn, N. Y.,
 Item (1) \$31,548; (2) \$27,898; (3)
 \$29,340; (4) \$25,690; (10) \$35,986; (11)
 \$31,856.

The Enterprise Foundry Corp., San
 Francisco: (1) \$35,094; (2) \$33,894;
 (3) \$33,934; (4) \$32,734; (10) \$35,316;
 (11) \$34,116.
 McKiernan-Terry Corp., Harrison,
 N. J.: (1) \$37,496; (2) \$35,347; (3)
 \$24,724; (4) 32,575; (10) \$35,763; (11)
 \$33,157.

CONTRACT AWARDED
SHASTA DAM, Calif.—General Air
 Conditioning Co., Sacramento, has
 been awarded a contract by the U.
 S. Bureau of Reclamation, at \$17,280
 for air cooling, heating and venti-
 lating systems for the government
 camp at Shasta Dam, Central Valley
 Project; Spec. 986-D. 7

March 23, 1938

BIDS OPENED
ACOMITA, N. M.—L. R. Alleson,
 Albuquerque, submitted only bid to
 the U. S. Department of Commerce
 at \$5156 (items 1 and 2) for erecting
 a loop antennae system and radio
 facility buildings near Acomita, N.
 M.; Proposal 29033. 7

BIDS WANTED
HUMBOLDT, Nevada.—Until Apr.
 4, 2 p. m., bids will be received by the
 Chief of Division of Purchases and
 Sales, U. S. Dept. of Commerce,
 Washington, D. C., for erection of
 loop antenna system and radio fa-
 cilities building at Humboldt, Nev.
 The site is 20 miles southeast of
 Lovelock. The work consists of fur-
 nishing and placing 60-ft. wood poles
 with antennae, constructing a 17 x 25-
 foot building and other buildings
 with concrete foundations, fencing,
 etc. The Government will furnish
 certain special equipment; no other
 radio equipment will be required.
 The principal items of work are:
 150 c. y. earthwork, 20 c. y. concrete,
 5000 bd. ft. lumber, 400 lbs. reinf.
 steel, and 80 rods of fencing; Prop.
 29063.

Contract Awarded
PORTLAND, Ore.—E. L. Knight
 Electric Co., Portland, at \$1270, was
 awarded contract by the Procure-
 ment Division, Public Bldgs. Branch,
 Washington, D. C., for recirculating
 the present ceiling outlets on fourth
 and fifth floors, and installing new
 branch circuit panels and their re-
 spective feeders for same, for the
 installation of new feeders to the
 present branch circuit panels in the
 workroom at the U. S. Post Office
 at Portland, Oregon.

8— CLUB BUILDINGS

Planned
CLUB BLDG. Est. Cost, \$25,000
REDLANDS, San Bernardino Co.,
 Calif. Olive Ave.
 New building approximately 60 x 100
 ft. to contain classrooms, recrea-
 tion and banquet hall, kitchen,
 offices, rest rooms, etc.
 Owner—Y.W.C.A. (Mrs. W. H. Blod-
 get, Pres.).
 Architect—Not Given.
 Contractor—L. P. Scherer, P.O. Box
 423, Redlands. 8

9— HOSPITALS

BIDS WANTED
CALIENTE, Nev.—Until April 15,
 2 P. M., bids will be received by the
 Lincoln, Nevada, County Commis-
 sioners, Pioche, for a county hos-
 pital to be built at Caliente at an
 estimated cost of \$27,000. Plans and
 specifications may be obtained from
 Sarah Gentry Ross, county clerk, at
 Pioche, or from Architect A. L.
 Worswick, Las Vegas, upon a cash
 deposit of \$25, returnable. Certified
 check for 5% required. 9

Contract Awarded
ADDITION Cont. Pr., \$28,690
SANTA CLARA, Santa Clara Co.,
 Cal. Los Gatos Road.
 One-story frame wing addition to the
 Santa Clara County Hospital to
 provide room for 31 beds.
 Owner—County of Santa Clara.
 Architect—Binder & Curtis, 25 West
 San Carlos St., San Jose.
 Contractor—Bert Ward & Son, 1139
 Lincoln Ave., San Jose—\$28,690.

CONTRACTS AWARDED
VENTURA, Ventura Co., Cal.—W.
 E. Robertson, 1103 S. La Brea, Los
 Angeles, awarded general contract
 by the Ventura County Supervisors
 at \$104,688, for construction of a 100-

bed tuberculosis unit north of Ventura County Hospital in Ventura. Other awards were: J. P. Carroll, 218 N Juanita Ave., Los Angeles, painting at \$4295; B. C. Wigton, 225 E Main St., Ventura, plumbing at \$14,432; B. K. Stoneman, 130 E 21st St., Los Angeles, heating and ventilating at \$7314; R. E. Jones Elec. Co., 1124 S. Fair Oaks Ave., South Pasadena, electric work at \$10,033. Bids for the built-in hospital equipment were rejected and this part of the work will be re-advertised next week. Harold E. Burkett, architect, 408 E. Main St., Ventura. 9

BIDS OPENED

MERCED, Cal.—Collins Electrical Co., 708 E. Market St., Stockton, at \$4,590, submitted low bid to the Bd. of Supervisors of the County of Merced, for the electrical work in the new Women's and Children's Unit at the General Hospital site, Merced.

Plans prepared by Architect Arthur O. Johnson, Sir Francis Drake Hotel, San Francisco.

Other bids were:

Sanitary Plumbing Co., Merced—\$4,744.

Smith Electric Co., Merced—\$5,000. (6076) 1st report March 8, 1938. * 9

12— POWER PLANTS

LOW BIDDER

BRAWLEY, Imperial Co., Calif.—National Tank & Mfg. Co., 3201 Santa Fe Ave., Los Angeles, submitted low bid to Imperial Irrigation District, El Centro, at \$13,321, for construction of an addition to Brawley Diesel plant, including fuel and lubricating oil tanks, PWA Project, Calif., 1088-DD. The bid included \$10,120 for construction of a 43-foot extension to the present plant, and \$3201 for tanks. M. J. Dowd is the chief engineer and general superintendent of the district. Bids held under advisement. 12

BIDS WANTED

SEATTLE, Wash.—Until April 28, 10 A. M., bids will be received by the Board of Public Works, 509 County-City Bldg., Seattle, for installing equipment at the South Receiving Substation.

Plans and specifications may be obtained from the City Light Engineering Division, 253 City Light Bldg., upon deposit of \$5.00. * 12

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded
PLASTERING Cont. Pr., \$24,014
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, East Walls and East Towers at the Exposition site; Contract No. 134.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush Street.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Contractor—Wm. Metcalf, 2687 24th Avenue.

Contract Awarded
COURTHOUSE Cont. Pr., \$336,999
BOISE, Idaho.

Concrete, brick and stone courthouse to contain county offices, court facilities, and jail.

Owner—Ada County (C. C. Kendall, Chairman of County Commissioners).

Architect—Wayland & Fennell and Tourtelotte & Hummel, Boise.

Contractor—J. O. Jordan & Son, Boise.

Contract awarded on net bid sub-

ject to PWA approval. Alternates 1-11 were omitted to bring contract price within amount available.

Complete bids on file at the office of the DAILY PACIFIC BUILDER.

Sub Contracts Awarded
ASSEMBLY BUILDING AND
DAIRY EXHIBIT BUILDING

Contr. Pr., \$127,977
SACRAMENTO, Sacramento City, Agricultural Park.

Erection and completion of the Assembly Building, containing an assembly hall seating approximately 1250, and various other incidental rooms combined in one building of reinforced concrete construction, brick veneer, structural steel, wood and concrete floors, wood roof deck, tile roof, and steel sash and erection and completion of a combination one- and two-story reinforced concrete dairy exhibit building with brick veneer, steel sash and tile roof.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Contractor—F. C. Amoroso & Sons, NE Keith and Wallace Avenues, San Francisco.

Excavating & Grading—J. R. Reeves, Box 1072, Sacramento.

Masonry—Edward A. Hunn, 917 5th St., Marysville.

Acoustic Tile—Western Asbestos Co., 675 Townsend St., San Francisco.

Cast Stone—Henry Gregoire, 357 12th St., San Francisco.

Structural Steel—Herrick Iron Wks., 1729 Campbell St., Oakland.

Reinforcing Steel and Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.

BIDS OPENED
SAN FRANCISCO.—J. H. Mohr, Inc., 960 7th St., at \$85.00 submitted low bid to the Public Utilities Commission, Room 287, City Hall, for repairing and refinishing woodwork in elevator cab at 425 Mason Street.

Total bids follow:

J. H. Mohr, Inc., 960 7th St.....	\$85.00
The Fink & Schindler Co.....	98.00
Albert E. Matson.....	118.00
Mullen Manufacturing Co.....	161.80
Albert Mangs & Associates.....	197.00

BIDS WANTED

PIOCHE, Nev.—Until April 15, 2 P. M., bids will be received by the Lincoln Nevada, County Commissioners, Pioche, for a new county courthouse to be built in that city at an estimated cost of \$60,000. Plans and specifications may be obtained from Sarah Gentry Ross, county clerk at Pioche, or from Architect A. L. Worswick, Las Vegas, upon a cash deposit of \$25, returnable. Certified check for \$5 required. * 13

Opening Date Postponed Until Mar. 28, 3:00 P. M.

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, Central Tower, at the Exposition site; Contract No. 153.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St.

Plans and specifications obtainable from the above office upon deposit of \$20.00.

Postponed from March 21.

BOND ELECTION

REDDING, Shasta Co., Cal.—The City of Redding is planning to vote bonds April 12 in the amount of \$80,000, proceeds to finance construction of two fire houses and furnishing of two fire engines, fire hose, fire alarm system and other apparatus.

tion of two fire houses and furnishing of two fire engines, fire hose, fire alarm system and other apparatus.

Planned
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building.
Owner—New Zealand Government (Robert M. Firth, Prime Minister).

Architect—Not Given.
Total amount of money to be expended on exhibit not yet available.

AUCTION SALE

LOS ANGELES, Cal.—At April 6, 10 A. M., the Los Angeles County Supervisors will conduct an auction sale at the site of the buildings for the disposal of one dormitory, 35 bunkhouses, 19 dwellings, and two sanitary buildings at San Gabriel Dam No. 1, located in San Gabriel canyon. 13

CONTRACT AWARDED

SAN MATEO, Cal.—Emsco Concrete Cutting Corp., 147 11th Street, San Francisco, at \$500, submitted low bid and was awarded contract by the San Mateo City Council, for wrecking and demolishing a building at 97 Third Ave., San Mateo.

Complete bids were:
Emsco Concrete Cutting Corp., S. F.....\$500

John Fahlstrom & So., S. F.....580

Cleveland Wrecking Co., S. F.....588

Albert E. Mangs & Associates, S. F.....1092

BID OPENED

SAN RAFAEL, Marin Co., Calif.—Marin Wrecking Co., New Highway, San Rafael, at \$25, submitted only bid to the City of San Rafael, Eugene W. Smith, City Clerk, for the work of wrecking and removing a two-story wooden frame structure, together with purchase of materials contained within said building.

Bid referred to Park Commissioners.

BIDS WANTED

SAN FRANCISCO.—Until Mar. 30, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for removing old roof and laying new tar and gravel roof at Eleventh and Bryant Streets.

Specifications obtainable at 494 Eleventh St.

Contract Awarded
SAN MATEO, Cal.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$1580, submitted low bid and was awarded contract by the San Mateo City Council for alterations to the Patterson garage building, 180 Second Ave., San Mateo.

Total bids were:
W. J. Tobin, Oakland.....\$1580

R. A. McLean & Co., S. F.....1748

Albert E. Mangs Associates.....1797

Geo. Arthur & Sons, San Mateo.....2035

Charles J. Pedersen, San Mateo 2088

BIDS WANTED

ALAMEDA CO., Cal.—Until April 6, 2 p.m., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, San Francisco, for alterations for Calaveras and Sunol cottages in Alameda County.

Specifications obtainable on the sixth floor at 425 Mason St., San Francisco, upon deposit of \$5.

BIDS OPENED

SAN FRANCISCO.—Michel & Pfeffer Iron Works, Inc., Tenth and Harrison Sts., at \$368, submitted low bid to the Public Utilities Commission.

Room 287, City Hall, for furnishing and installing bronze wickets for receiving cage in the San Francisco Water Department Building, 425 Mason St.
 Other bids were:
 Anchor Post Fence Co., S. F.....\$372.50
 National Ornamental Iron & Bronze Co. J..... 410.00

Bond Election
MEMORIAL HALL Est. Cost, \$27,000
YREKA, Siskiyou Co., Cal.
 Veterans' Memorial Hall, auditorium for civic gatherings, club rooms, dining room and kitchen.
 Owner—City of Yreka.
 Architect—Not Given.
 It is proposed to vote bonds April 12, in the amount of \$27,000, to finance work.

DO ASK BIDS SHORTLY
SACRAMENTO, Cal., Constructing QM Depot, Sacramento Air Depot, Sacramento, will advertise for bids within a few days, to be opened about 60 days thereafter, for an engine test building and utilities to be built at the depot. The opening date and plan decided required with be announced later. * 13

Bids Opened
SERVICE BLDG. Cost, \$.....
SACRAMENTO, Calif. State Capitol Grounds.
 Erection and completion of additions and alterations to Service Bldg., State Capitol Grounds; work consists of remodeling an existing cement plastered wood frame service building and constructing a new one-story brick service building with wood walls and concrete floors, wood shingled roof.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
 Bids were received as follows:
 (1) general work, (2) electrical work, (3) plumbing and heating work.
 Complete bids follow:

General Work
 Lawrence Constr. Co., 2574 18th St., Sacramento.....\$7474.00
 Holdener Constr. Co., Sacto..... 7500.00
 Henry Finnigan, Sacto..... 7956.00
Electric Work
 E. H. Wilmunder, 1149 Swanstron Dr., Sacto..... 403.97
 George C. Foss, Sacto..... 484.00
 Luppen & Hawley, Inc., Sacto. 530.00
Plumbing and Heating
 Willy & Rhoads, 3653 J St., Sacramento..... 2502.00
 Luppen & Hawley, Inc., Sacto. 2548.00
 M. R. Carpenter, Sacto..... 2594.00
 J. J. McDermott, Sacto..... 2612.00
 Hateley & Hateley, Sacto..... 2620.00

CONTRACT AWARDED
YERBA BUENA SHOALS—B. F. Garofolo, 101 Ranch, at \$2.25 per cu. yd., awarded contract by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 58 Bush St., San Francisco, for furnishing and distributing fertilizer at Yerba Buena

Contracts Awarded
SERVICE BLDG. Cost, \$.....
SACRAMENTO, Calif. State Capitol Grounds.
 Erection and completion of additions and alterations to Service Bldg., State Capitol Grounds; work consists of remodeling an existing cement plastered wood frame service building and constructing a new one-story brick service building with wood walls and concrete floors, wood shingled roof.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg.,

12th and N Sts., Sacramento.
General Work
 Lawrence Constr. Co., 2574 18th St., Sacramento—\$7474.
Electric Work
 E. H. Wilmunder, 1149 Swanstron Dr., Sacramento—\$403.97.
Plumbing and Heating
 Willy & Rhoads, 3653 J St., Sacramento—\$2502.

Contract Awarded
PILE FOUNDATIONS
 Cont. Pr., \$30,006.19
AGNEW STATE HOSPITAL, Santa Clara Co., Calif.
 Erection and completion of pile foundation for Ward Unit No. 3 at Farm; work includes furnishing and installing 615 cast-in-place concrete piles having an average length of approximately 25 feet, together with rough excavation of building site.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
 Contractor—John Strona, Pomona.

14— RESIDENCE

Contract Awarded
RESIDENCE Cost, \$.....
KENTFIELD, Marin Co., Calif.
 One-story frame residence (8 rooms) steel sash, hardwood floors, tile baths, shake roof.
 Owner—Withheld.
 Architect—Carl F. Gromme, Freitas Bldg., San Rafael.
 Contractor—Ellis L. Wilson, 69 Olive Ave., San Anselmo.

Preparing Plans
RESIDENCES Cost, \$6,000
SAN FRANCISCO, Francisco Hgts.
 Two two-story Colonial type residences (5 rooms) hardwood floors tile baths, wood sash, etc.
 Owner and Builder—L. E. Ham.
 Architect—A. H. Larsen, 333 Kearny.

Working Drawings Completed
RESIDENCE Cost, \$.....
ATHERTON HEIGHTS, San Mateo Co., Cal.
 Two-story frame and brick veneer residence (8 rooms, 3 baths), hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.
 The contractors are now taking sub bids.

Preparing Sketches
RESIDENCE Est. Cost, \$7,000
KENTFIELD, Marin Co., Cal.
 One-story frame residence.
 Owner—Withheld.
 Architect—John H. Ahnden, 822 36th Ave., San Francisco.

Plans Being Figured
RESIDENCE Cost, \$.....
SOQUEL, Santa Cruz Co., Cal.
 Monterey Bay Golf & Country Club.
 One-story frame residence; hardwood floors, tile baths, etc.
 Owner—Chet Pracht, c/o Archt.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Bids are now being received by the owner from a selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$7,000
SAN FRANCISCO, S. Washington St., 156 Ft. E Baker St.
 One-story and basement frame residence.
 Owner—Mendo Corp.
 Architect—Not Given.
 Contractor—E. A. Janssen, 1136 Clement St. 14

Contract Awarded
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif.
 Two-story frame and stucco residence (10 rooms, 4 baths), tile roof, gas hot air heating system, hardwood floors, tile baths, gas.
 Owner—Mr. Stonelake, c/o Archt.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

To Be Done By Day's Work
RESIDENCES Cost, \$5500 ea.
SAN FRANCISCO, E Woodacre Dr., N of Ocean Ave. and SE Lagunitas Dr. and Ocean Ave.
 Two one-story and basement frame residences.
 Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
 Architect—H. G. Stoner, 251 Kearny Street. 14

Contract Awarded
RESIDENCES Cost, \$5000 ea.
SAN FRANCISCO, W 52nd Ave. N of Kirkham Street.
 Three 1-story and basement frame residences.
 Owner—Nihil, Inc., 1645 Judah St.
 Architect—Not Given.
 Contractor—Chas. M. McCarthy, 1400 22nd Avenue. 14

Preparing Preliminary Plans
RESIDENCE Cost, \$15,000
SAN FRANCISCO, Sea Cliff Terr.
 Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St.

Contract Awarded
DUPLEX Cost, \$8,000
SAN JOSE, Santa Clara Co., Calif.
 Vermont St.
 Duplex residence.
 Owner—N. R. Fulholl, 425 Jerome St.
 Architect—Not Given.
 Contractor—G. S. Carpenter, 31 Apricot Ave., Campbell. 14

Additional Contracts Awarded
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.
 "Lindenwood."
 One-story residence (9 rooms, three baths), knotty white pine in den, fireplaces, large court, fountains, etc., detached 2-car garage with maid's room and bath; landscape gardening.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 244 Kearny St., San Francisco.
 Electric Wiring—Eugene Cocconi, 319 S. El Dorado St., San Mateo.
 Tile Work—Benetti Tile Co., 906 N. Humboldt St., San Mateo.
 Heating—Izmiran Roofing & Sheet Metal Works, 229 S. Railroad Ave., San Mateo.
 Concrete—Rhodes & Robinson, Quarry Page Mill Road, Palo Alto.
 Mill Work—Trollman Mfg. Co.
 Contracts previously awarded published March 1.

Completing Plans
RESIDENCE Cost, \$.....
OAKLAND, Alameda County, Calif.
 Knowlan Ave.
 One-story frame and stucco residence (5 rooms), tile roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Larry Revelli, c/o Archt.
 Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.
 Plans will be completed and general bids received by the Architect in about one week.

Plans Being Figured

RESIDENCE Cost, \$.....
 SOQUEL, Santa Cruz Co., Cal. Monterey Bay Golf & Country Club. One-story frame residence.

Owner—Mrs. Herwig, c/o Archt. Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Bids are now being received by the owner from a selected list of contractors.

Plans Being Figured—Bids Close

April 4, 3:00 P. M.
 RESIDENCE Cost, \$6,000
 SAN JOSE, Santa Clara Co., Cal. One-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.

Owner—L. H. Bliss, c/o Archt. Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Plans are being figured by a selected list of contractors.

Preparing Preliminary Plans

RESIDENCE Cost, \$.....
 PIEDMONT, Alameda Co., Calif. Two-story frame and wood siding residence (6 rooms) plaster interior, composition shingle roof, gas fired heating system, hardwood floors, linoleum baths and kitchens, wood sash.

Owner—Withheld. Architect—Alfred C. Williams, 2905 Dwight Way, Berkeley.

Contract Awarded

RESIDENCE Cost, \$11,000
 MORAGA ESTATES, Contra Costa County, Calif.

One-story frame and stucco residence (eight rooms).

Owner—A. T. Anderson, c/o architect Architect—Irwin M. Johnson, 2219 Seventh Avenue, Oakland. Contractor—T. H. Lapham, 546 Kenmore Ave., Oakland.

Completing Plans

RESIDENCE Cost, \$.....
 GARDEN VILLAGE, San Mateo Co. One-story Cape Cod cottage (5 rms.) hardwood floors, tile baths, etc. Owner—P. A. Wolter, Jr., 90 Ravenwood Drive, San Francisco. Architect—A. A. Larsen, 333 Kearny St., San Francisco.

Contract Awarded

RESIDENCE Cost, \$.....
 TRACY, San Joaquin Co., Calif.

One-story residence (5 rooms) Basaltite wall const., shingle roof, gas warm air heating system, hardwood floors, tile baths.

Owner—G. M. Powell, c/o Architect. Architect—Hertzka and Knowles, 369 Pine St., San Francisco.

Contractor—Chas. F. Hill, 1253 Market St., Stockton.

Plans Completed

RESIDENCE Cost, \$3850
 ALAMEDA, Alameda Co., Cal. Central Ave. and 8th St.

One-story frame and wood siding residence (5 rooms) plaster interior walls, shingle roof, tile bath and kitchen, floor furnaces, wood sash hardwood floors, etc.

Owner and Builder—F. J. Tait. Plans by C. J. Parsons, 1428 Franklin St., Oakland.

Mr. Parsons will take segregated bids for the owner on March 23.

Completing Working Drawings

RESIDENCE Est. Cost, \$6,300
 SACRAMENTO, Calif.

Two-story frame and stucco residence (6 rooms).

Owner—Mr. Emigh, c/o Archt. Architect—Herbert Goodpastor, Miltan Bldg., Sacramento.

Plans Completed

RESIDENCE Cost, \$6,500

SAN FRANCISCO. 31st Ave.

One and one-half story frame residence, hardwood floors, two tile baths, canvas walls, mahogany interior trim.

Owner—Mr. Katurich, c/o Archt. Architect—D. E. Jaekle, 126 Post St.

Preparing Plans

RESIDENCE Cost, \$7,500 & \$8500 ea.
 SAN FRANCISCO. 19th Ave., S of Ocean Ave.

Nine 5 and 6-room residences. Owner—Withheld. Architect—C. O. Clausen, 746 46th Ave., San Francisco.

Plans Completed

RESIDENCE Cost, \$7,500
 SAN FRANCISCO. Forest Hill, Pacheco and Kirkham Sts.

Two-story frame, wood and stucco residence (6 rooms, 2 baths), composition shingle roof, gas furnace, hardwood floors, tile baths, etc.

Owner—Withheld. Architect—D. E. Jaekle, 126 Post St.

Preparing Plans

RESIDENCES Cost, \$5,500 and \$6,500 ea.
 SAN FRANCISCO. Richmond District

Twenty-two residences (5 6-room, and 17 5-room).

Owner—Withheld. Architect—C. O. Clausen, 746 46th Ave., San Francisco.

Preparing Plans

RESIDENCE Est. Cost, \$10,000
 MILLBRAE HIGHLANDS, San Mateo Co., Cal.

Two-story frame residence (eight rooms, two baths).

Owner—Withheld. Architect—C. O. Clausen, 746 46th Ave., San Francisco.

To Be Done By Day's Work

RESIDENCES Cost, \$4,000 each
 SAN FRANCISCO. W. 28th Ave., N of Vicente St.

Five one-story and basement frame residences.

Owner & Builder—F. H. Thorlison, 1630 Ocean Ave. Architect—Not Given. 14

To Be Done By Day's Work

RESIDENCES Cost, \$4,000 each
 SAN FRANCISCO. W. 20th Ave., S of Ocean Ave.

Five one-story and basement frame residences.

Owner & Builder—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. 14

Preparing Plans

REMODEL RESIDENCE Cost, \$6,000
 HEALDSBURG, Sonoma Co., Cal. Remodel residence.

Owner—Withheld. Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Plans Being Figured

COTTAGE Cost, \$.....
 CARMEL, Monterey Co., Cal.

One-story frame cottage (3 rooms), shingle roof, gas-fired central heating plant.

Owner—Mrs. Bernice Fraser, c/o Architect. Architect—Guy O. Koepf, P.O. Box 644, Carmel.

Plans are now being figured by a selected list of contractors.

Plans Completed

RESIDENCE Cost, \$5,000
 SAN FRANCISCO. 31st Ave.

One-story frame residence (5 rms.), hardwood floors, tile baths, wood sash, etc.

Owner & Builder—Gordon W. Mor

ris, 95 Pinehurst Way. Architect—D. E. Jaekle, 126 Post St

Contract Awarded

RESIDENCE Cost, \$6,000
 OAKLAND, Alameda Co., Cal. 565 Colton Blvd.

One-story frame residence (five rooms).

Owner—A. Arata, 352 49th St. Architect—Not Given. Contractor—Joe Vila, 1207 Solano Ave., Albany.

CONTRACT AWARDED

SANTA MONICA, Los Angeles Co. Cal.—Frank A. Hellenhal, 911 10th St., Santa Monica, has the contract for the erection of a large residence (10 rooms, 7 baths) at 514 Ocean Front, Santa Monica, for Albert Levin. Cost, \$50,000. Richard J. Neutra, architect, 2438 Silver Lake Blvd., Los Angeles.

Bids In—Under Advisement

RESIDENCE Cost, \$.....
 KENTFIELD, Marin Co., Calif.

One-story frame residence (8 rooms) shake roof, steel sash, hardwood floors, tile baths, air conditioning system.

Owner—Withheld. Architect—Carl E. Gromme, Freitas Bldg., San Rafael.

Plans were figured by a selected list of contractors.

Sub Contracts Awarded

RESIDENCE
 SAN LEANDRO, Alameda Co., Cal.

One-story frame and wood siding residence (shake roof, hardwood floors, tile baths, wood sash, etc.)

Owner—Mr. Cast, c/o Architect. Architect—Irwin M. Johnson, 2219 Seventh Ave., Oakland.

Contractor—Derry Bros., 815 E. 14th St., San Leandro.

Roofing—W. L. Ridout, 642 Pacific Ave., Alameda.

Plumbing—Ambrose Bros., 1050 Harrison St., San Leandro.

Electric Wiring—Pine Electric Service, 380 Haas Ave., San Leandro.

Heating—Atlas Heating & Ventilating Co., Ltd., 557 4th St., San Francisco.

Sheet Metal—Dunn Sheet Metal Works, 6410 E. 14th St., Oakland.

Tile Work—Classic Mantel and Tile Co., 2075 Washington St., San Leandro.

Glass—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Street, San Francisco.

Brick and Stone Work—G. F. Trotter, 6106 Hayes St., Oakland.

Grading and Foundations—Fran Lopes, 315 Garcia Ave., San Leandro.

Lumber and Mill Work—Loop Lumber & Mill Co., Broadway and Blanding, Alameda.

Lathing and Plastering—A. T. Fairer, 520 W. Merle Ct., San Leandro.

Concrete—Manuel Lopes. Linoleum—Robertson Rug Works, 1053 37th St., Oakland.

Plans Completed

ALTERATIONS & ADDITIONS Est. Cost, \$25,000
 OAKLAND, Alameda Co., Cal. 17 Hopkins St.

Alterations and additions to home for the aged.

Owner—Altenheim Association. Architect—Albert Schroepfer, 244 Kearny St., San Francisco.

Segregated bids will be taken shortly.

Contract Awarded

RESIDENCE Cost, \$21,000
 OAKLAND, Alameda Co., Calif. 10 Pershing Drive.

Two-story frame residence (11 rms.)
 Owner—E. H. Cardinet.
 Architect—J. B. Anthony, 3252 Lake-
 shore Ave., Oakland.
 Contractor—The John J. Moore Co.,
 354 Hobart St., Oakland.

Plans Completed
RESIDENCE Cost, \$.....
 OAKLAND, Alameda Co., Cal. Rock-
 ridge Territory.

Two-story frame, stucco and rustic
 residence (stucco interior with
 some knotty pine, tile floors and
 wainscots in baths, gas heating
 plant, shingle roof, etc.)
 Owner and Builder—E. S. Campome-
 nosi.
 Plans by Paul V. Tuttle, 3718 Grand
 Avenue, Oakland.

Preparing Working Drawings
RESIDENCE Est. Cost, \$6500
 EL CERRITO, Contra Costa Co., Cal.
 One-story frame residence (warm air
 gas heating plant, hardwood
 floors, tile baths, shingle roof,
 wood sash, etc.)
 Owner—Withheld.
 Architect—Keith O. Narbett, 462 31st
 Ave., Richmond.

Plans Being Figured—Bids Close
 April 4, 10 A. M.
RESIDENCE Cost, \$.....
 ATHLETON, San Mateo Co., Calif.
 One-story frame and adobe residence
 (6 rooms), shake roof, hardwood
 floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third
 Ave., San Mateo.

Plans are being figured by the fol-
 lowing selected list of contactors:
 Charles J. Pedersen, 734 Prospect
 Row, San Mateo.
 Robert E. Broderick, 130 12th Ave.,
 San Mateo.
 Herman T. Holsher, 325 Elm St.,
 San Mateo.
 A. E. Orton, 938 Addison Ave.,
 Palo Alto.
 Lengfeld & Olund, Ltd., 220 Third
 Ave., San Mateo.
 Geo. Arthur & Sons, 941 S. Clare-
 mont, San Mateo.

Low Bidder
RESIDENCE Cost, \$.....
 KENTFIELD, Marin Co., Calif.
 One-story frame residence (8 rooms)
 steel sash, hardwood floors, tile
 baths, shake roof.
 Owner—Withheld.
 Architect—Carl F. Gromme, Fretlas
 Bldg., San Rafael.
Low Bidder—Ellis L. Wilson, 69 Olive
Ave., San Anselmo.

Contract Awarded
RESIDENCE Cont. Price, \$12,585
 SAN LEANDRO, Alameda Co., Calif.
 One-story frame and brick veneer
 residence with tile roof, hardwood
 floors, etc.
 Owner—Mr. Robertson, c/o architect.
 Architect—Irwin M. Johnson, 2219
 Seventh Ave., Oakland.
 Contractor—Derry Bros., 815 E 14th
 St., San Leandro.

Plans Completed
RESIDENCE Cost, \$5,000
 SAN JOSE, Santa Clara Co., Calif.
 One-story frame residence (5 rooms)
 hardwood floors, tile baths, wood
 sash, etc.
 Owner—Mr. Martin.
 Architect—D. E. Jaekle, 126 Post St.
 San Francisco.
 Contractor—P. J. Pasetta Const. Co.,
 2390 Park Ave., Santa Clara.

Plans Completed
RESIDENCES Cost, \$5000 each
 SAN FRANCISCO, Thirtieth Avenue
 and Ulloa Street.
 Three 1-story frame residences (tile
 and composition shingle roofs,
 hardwood floors, tile baths, wood

sash, etc.)
 Owner and Builder—Gordon W. Mor-
 ris, 95 Pinehurst Way.
 Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, \$6,000
 OAKLAND, Alameda Co., Cal. 4201
 Wilshire Blvd.

One-story frame residence (5 rooms).
 Owner—W. H. Scott, 5052 Fairfax
 Ave., Oakland.
 Architect—Not Given.
 Contractor—Ehrman & Major, 3307
 Champion St., Oakland. 14

Planned
RESIDENCES Cost, \$500,000
 ALAMEDA, Calif. Ten-acre site in
 Fernalds District, betw. Fremont
 Drive Extension and Versailles
 Ave.

Seventy-five five, six and seven-
 room residences.
 Owner & Builder—George Windsor,
 11 Sharon Ave., Piedmont.
 Architect—Irwin M. Johnson, 2219
 7th Ave., Oakland.

Preparing Plans
RESIDENCE Cost, \$8,500
 SAN FRANCISCO. University Ter-
 race.

One-story and basement frame and
 stucco residence (6 rooms); hard-
 wood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333
 Kearny St.

Contract Awarded
RESIDENCE Est. Cost, \$13,500
 SAN MATEO, San Mateo Co., Calif.
 Two-story frame and stucco resi-
 dence (gas-fired hot air heating,
 shake roof, hardwood floors, tile
 baths, wood sash, etc.)
 Owner—C. Von Gunten, c/o Archt.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.
 Contractor—A. F. Mattock Co., 212
 Clara St., San Francisco.

Contract Awarded
RESIDENCE Cost, \$6000
 OAKLAND, Alameda Co., Cal. 3958
 Lyman Road.
 One-story frame residence (6 rooms).
 Owner—H. Taylor, 2540 Montana St.
 Architect—Not Given.
 Contractor—John Fleming, 2248 Co-
 loma St., Oakland. 14

To Be Done By Day's Work
RESIDENCES Cost, \$4,500 each
 SAN FRANCISCO. E. 19th Ave., S
 of Ulloa St.

Four one-story and basement frame
 residences.
 Owner & Builder—Meyer Bros., 735
 Fortola Drive.
 Architect—Not Given. 14

Contract Awarded
RESIDENCES Cost, \$4,000 each
 SAN FRANCISCO. E. Pinehurst
 Way, N of Ocean Ave.
 Three one-story and basement frame
 residences.
 Owner—Mendo Corp.
 Architect—Not Given.
 Contractor—E. A. Janssen, 1138 Cle-
 ment St. 14

Plans Being Figured
RESIDENCE Cost, \$5,000
 NOVATO, Marin Co., Calif.
 One-story frame and rustic resi-
 dence (5 rooms), shingle roof,
 hardwood floors, tile baths, wood
 sash, etc.
 Owner—Richard Christie, c/o Archt.
 Architect—S. A. Lesswing, 17 Hill-
 crest Drive, San Rafael.

Plans are now being figured by a
 selected list of contractors.

15— SCHOOLS

Contract Awarded
MUSIC BLDG. Cont. Pr., \$51,572.50
 SALINAS, Monterey Co., Calif.
 Addition of a one-story frame and
 stucco music building (approx-
 imately 75x100-ft.) to contain a
 band room and 12 practice rooms
 at the high school).

Owner—Salinas Union High School
 District.
 Architect—Charles E. Butner, 7 Win-
 ham St., Salinas.
 Structural Engineer—F. W. Kelberg,
 320 Market St., San Francisco.
 Contractor—V. H. Moore, 15 Williams
 Road, Salinas. Contract includes
 all work.

Bids were received as follows:
 (1) General construction, with alter-
 nate bids;
 (2) Heating, Plumbing, Sheet Metal;
 (3) Electric.

Total bids follow:
General Work
 V. H. Moore, 15 Williams
 Rd., Salinas\$51,572.50
 A. Staton, Salinas..... 52,475.00
 F. C. Stolte Co., Alameda..... 52,800.00
 H. C. Geyer, Monterey..... 52,930.00
 H. H. Henning, Stockton..... 53,880.00
 F. C. Carlsen, Salinas..... 53,925.90
 Peter Sartorio, S. F..... 55,988.00
 Emil Person, Berkeley..... 57,470.00
 A. Nelson, Inc., S. F..... 59,894.00
Plumbing, Heating and Sheet Metal
 Harry Lee, 220 California
 Dr., Burlingame.....\$ 9,632.00
 A. D. H. Co., Carmel..... 9,804.00
 Underwood & Wellman, Sa-
 linas..... 10,361.00
Electric Work
 Salinas Electric Works, 253
 Main St., Salinas.....\$1,978.00
 Chas. A. Langlais, S. F..... 2,194.00
 Underwood & Wellman, Sa-
 linas..... 2,162.46

BIDS OPENED
 SAN FRANCISCO. — Inland Floor
 Co., 600 Alabama St., at \$22.00 sub-
 mitted low bid to the Department of
 Public Works, Room 287, City Hall,
 for sanding library floor at Cleve-
 land School, Persia and Athens Sts.
 Approximately 950 sq. ft.
 Only other bid submitted by Aetna
 Hardwood Floor Co. at \$27.00.

BIDS OPENED
 SAN FRANCISCO—Standard Fence
 Co., 440 Bayshore Blvd., at \$79.24
 submitted low bid to the Department
 of Public Works, City Hall, for fu-
 rnishing and installing window guards
 at Fairmount School, Chery Street
 between Randall and 30th Sts.
 Only other bid submitted by An-
 chor Post Fence Co. at \$80.00.

Bids Wanted—Close Mar. 28, 8 P. M.
ADDITION Cost, \$15,000
 YUBA CITY, Sutter Co., Calif.
 One-story frame and stucco addi-
 tion to the high school (3 class-
 rooms; composition roof).
 Owner—Yuba City Union High Sch.
 District.
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.
 Plans and specifications obtain-
 able from the architect's office and
 from Thos. Nelson, principal of the
 high school, upon deposit of \$25.00.

CONTRACT AWARDED
 LOS ANGELES, Cal.—H. B. Nich-
 olson, 438 Chamber of Commerce
 Bldg., awarded general contract by
 Los Angeles Board of Education at
 \$68,373 for partial construction of a
 new classroom building at the Man-
 ual Arts high school, 4131 S. Ver-
 mont Ave. The low bid of \$63,700
 submitted by Geo. Mitty, was re-
 jected on basis of error. John and
 Donald B. Parkinson, architects, 434

Title Insurance Bldg.; Holmes and Narver, structural engineers; E. L. Ellingwood, mechanical engineer. 15

CONTRACT AWARDED

LOS ANGELES, Cal.—Lovrich and Konjevod, 606 N Kings Road, Los Angeles, awarded contract by Los Angeles Board of Education at \$42,885, for partial construction of a Class A assembly hall at the Torrance high school, Carson and Watson Sts., Torrance. Wesley Eager, architect, 816 W 5th St., Los Angeles; Laurence J. Waller, structural engineer; Ralph E. Phillips, mechanical engineer. 15

LOW BIDDER

LOS ANGELES, Cal.—Geo. Mitty, 122 N. Avenue 20, submitted low bid to Los Angeles Board of Education at \$63,700, for partial construction of a new classroom building at Manual Arts high school, 431 S. Vermont Ave. John and Donald E. Parkinson, architects, 434 Title Insurance Bldg., Holmes and Narver, structural engineers; E. L. Ellingwood, mechanical engineer. 15

Bids Wanted—To Close April 6, 8:00 P. M.

SHOP BUILDING

Total Est. Cost, \$275,000
BERKELEY, Alameda County, Calif. Bancroft Way and Grove St.
First unit of two and part three-story reinforced concrete & steel shop building, to consist of frame work and foundations, to be constructed on the grounds of the Berkeley High School.

Owner—Berkeley Unified Sch. District (Clara E. Andres, Secy.), 2225 Milvia St., Berkeley.
Architects—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Gutterson, 526 Powell St., San Francisco.

First unit of work estimated at \$100,000 to be completed this year and balance of work estimated at \$175,000 to be done next year.

Plans and specifications now on file at the Secretary's office and may be obtained Saturday from the Architects' offices upon deposit of \$25. Bids will be opened in the Board Room of the School District. (1516) 1st report Feb. 12; 2nd, Sept. 17, 1937. • 15

Preparing Preliminary Plans

SCHOOL Cost, \$.....
SPARKS, Nevada.
Erection of a new grammar school to contain 18 classrooms, library and auditorium.

Owner—Sparks Grammar Sch. District (Proctor R. Hug, Supt. of Schools).
Architect—F. J. De Longchamps, Gazette Bldg., Reno.
Sparks School District voted bonds March 12 in the amount of \$150,000, proceeds to finance work. (4850) 1st report Mar. 17, 1938. • 15

Bids Opened

ALTERATIONS, ETC. Cost, \$.....
IVANHOE, Tulare Co., Cal.
One-story reinforced concrete addition of four classrooms and general alterations to present brick school building.

Owner—Ivanhoe Grammar School District.
Architect—C. A. Balch, 514 Bank of America Bldg., Visalia.
Low Bidder—Hodgson & Sons, 510 2nd St., Porterville—\$32,490.
Complete bids follow:
Hodgson & Sons—\$32,490; Alt. A \$5250; Alt. B \$5300.
Fisher & McNulty—\$41,135; Alt. A \$6325; Alt. B \$8705.
(8293) 1st report Mar. 11, 1938. • 15

BOND ELECTION

TUCSON, Ariz.—City of Tucson will hold an election April 9 at which time it is proposed to vote bonds in the sum of \$650,000, proceeds to be used to finance the construction of new schools, and additions to existing schools in Tucson. Of the bond issue, \$300,000 would be used for senior high school improvements, including \$250,000 for a gym building, \$25,000 for remodeling main building and \$25,000 for furniture and equipment. The \$350,000 elementary bond issue would be used as follows: A new junior high school in the Government Heights section to cost \$125,000, a six-room addn. to Sam Hughes school, remodel Marj. J. Platt school, a 6-room building in the El Rio district, a 2-room addition to Mission School and a 2-room addition to Government Heights school.

Contract Awarded ALTERATIONS, ETC.

Cont. Pr. \$32,490
IVANHOE, Tulare Co., Cal.
One-story reinforced concrete addition of four classrooms and general alterations to present brick school building.
Owner—Ivanhoe Grammar School District.
Architect—C. A. Balch, 514 Bank of America Bldg., Visalia.
Contractor—Hodgson & Son, 510 2nd St., Porterville—\$32,490.

BIDS RETURNED UNOPENED

LONE PINE, Inyo Co., Cal.—Bids received March 12 by the Lone Pine Union High School District, Catherine Bonham, Clerk, for furnishing all labor, material, and transportation for seating, electric fixtures, curtains and draperies for the High School Auditorium building located at Lone Pine were returned unopened to bidders. Work will be readvertised shortly.

CONTRACT AWARDED

DAVIS, Yolo County, Calif.—M. J. Reeves Heating Co., 959 Natoma St., San Francisco, at \$11,936, plus \$100 for special water storage tank, was awarded contract by the Regents of the University of California at Berkeley, for supplying and installing auxiliary heating plant equipment in the heating plant at the University Farm, Davis.

Bids Wanted—To Close Mar. 29th, 8:00 P. M.

SCHOOL ADDN. Est. Cost, \$65,000

DELANO, Kern Co., Cal.
One-story concrete brick addition to contain eight classrooms for domestic science and commercial departments; stucco exterior finish, stud and channels interior partitions, composition roof, concrete slabs and asphalt tile and terrazzo floors, gas-steam radiators, etc.

Owner—Delano Joint Union High School District.
Architect—Frank Wynkoop, 318 Haberfeld Bldg., Bakersfield.
Plans and specifications obtainable from the architect's office upon deposit of \$25.

Bids will be opened in the Board Room of Delano High School.

CONTRACTS AWARDED

LOS ANGELES, Cal.—William P. Neil Co., 4814 Loma Vista Ave., at \$65,080, awarded contract by Los Angeles Board of Education for construction of a men's gymnasium building at the Los Angeles Junior College, 855 N. Vermont Ave. Other contracts awarded were: Framing, Thos. H. Hagan Co., 3400 W. Pico Blvd., at \$2734; heating, Hickman Bros., 471 8th St., San Pedro, at \$3610;

electric, Golden State Electric Co., 1632 W. Washington Blvd., at \$3245; painting, Hoelzel-Ehmig Co., 1788 W. 24th St., at \$1927. Low painting bid of Wm. R. Morgan Co. was rejected on basis of error. Allison & Allison, 1014 Edison Bldg., architect; E. L. Ellingwood, mechanical engineer; F. N. Ropp, structural engineer. 15

Planned SCHOOL

Cost, \$.....
VISALIA, Tulare Co., Cal. Mineral King Ave., Dollner St. and Sierra Drive.

Construction of new school building on six-acre site in the Visalia Home Builders' Tract.
Owner—Visalia School District.
Architect—Not Given.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif.—Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, have been commissioned by the Board of Regents, University of California at Los Angeles, to prepare plans for the first unit of a life science group of buildings to be built on the university campus in West Los Angeles. The first unit will be constructed south of the education building and will cost approximately \$220,000. Funds came from the sale of the old Vermont Ave. campus, purchased by the Los Angeles Board of Education. 15

LOW BIDDER

LOS ANGELES, Cal.—Lovrich & Konjevod, 606 N. Kings Road, Los Angeles, at \$42,855, submitted low bid to Los Angeles Board of Education, for partial construction of a Class A assembly hall at the Torrance high school, Carson and Watson Streets, Torrance. Wesley Eager, architect, 816 W. 5th St., Los Angeles; Laurence J. Waller, structural engineer; Ralph E. Phillips, mechanical engineer. 15

Preparing Plans

TRAINING SCHOOL BUILDING
Cost, \$200,000 to \$250,000
ELLENSBURG, Wash.
Two-story brick building with stone trim.

Owner—Central Washington College of Education.

Architect—John W. Maloney, 1117 Larson Bldg., Yakima.

Plans will be completed in about one month. 15

Plans Approved

ADDITION Est. Cost, \$35,000
PIEDMONT, Alameda Co., Calif. 800 Magnolia Ave.

One-story concrete library addition (40 x 70 feet), to join study hall with business managers' office and supply rooms adjoining library, to conform with present architecture; terra cotta tile roof.

Owner—Piedmont High School.
Architect—H. H. Weeks, 593 Market St., San Francisco.

Plans have been approved by the State Division of Architecture.

Plans Completed

GYMNASIUM Est. Cost, \$10,000
LAKEPORT, Lake Co., Cal.

One-story frame gymnasium at Clear Lake High School (composition roof, maple floors, no plumbing work).

Owner—Clear Lake Union High Sch. District.

Architect—John Easterly, Healdsburg and Santa Rosa.

Plans are now in Sacramento, awaiting approval of State Division of Architecture.

Contracts Awarded
SCHOOL BUILDINGS
LODI, San Joaquin Co., Cal.
 Two-story reinforced concrete music building (music rooms, rehearsal room, and two classrooms), asbestos roof, cork carpet over wood floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant and a one-story reinforced concrete agricultural mechanics shop building (50 x 100 feet), asbestos built-up roof, steel industrial windows.

Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

John Hachman, P.O. Box 206, Stockton, at \$39,800, awarded contract for music building, accepting alternates 3, 4, 7, 8, 9, 11 and 12, all deductions.

L. Ubels, Box 181, Ripon, at \$13,650, awarded contract for shop building, no deductions.

Separate bids were received for (1) music building, (2) shop building, and (3) combined bid for music and shop buildings.

Complete bids follow:

John Hachman, Stockton—(1) \$39,800, (2) \$14,800, (3) \$54,000.
 L. Ubels, Ripon—(1) \$42,710, (2) \$13,650, (3) \$56,150.

Palo Alto Road Materials Co.—(1) \$46,144, (2) \$15,852, (3) \$59,196.

Claude C. Wood, Stockton—(1) \$53,500, (2) \$16,500, (3) \$69,000.

J. L. Webster, Lodi—(2) \$15,484.
 C. H. Dodd, Stockton—(3) \$53,537.
 George Roek, Stockton—(3) \$58,310.

BIDS WANTED

WASCO, Kern Co., Calif.—Until April 1, 7:30 P. M., bids will be received by Wasco Union School District for construction of a transformer building in Wasco. Plans obtainable at office of John P. Perrine, 323 Bank of America Building, Visalia, upon deposit of \$10. Certified or cashier's check or bond for 10% to accompany bid. * 15

BOND ELECTION

SAN BERNARDINO CO., Calif.—Crest Forest Elementary School District, San Bernardino County, will hold an election April 12, at which time it is proposed to vote bonds in the sum of \$37,000, proceeds to be used to finance construction of a 4-room, reinforced concrete school bldg. at Crestline. H. L. Gogerty, 6272 Yuca St., Hollywood, is the architect; S. B. Barnes, 803 W. 3rd St., Los Angeles, structural engineer. 15

BOND ELECTION

SAN BERNARDINO CO., Calif.—Warm Springs Elementary School District will hold an election April 12, at which time it is proposed to vote bonds in the sum of \$7,500, proceeds to be used to finance school improvements. This election was originally scheduled for March 11. Earl H. Smith, L. C. Cannon and Irma Sherrill are trustees of the district. 15

Architect Commissioned to Prepare Plans

SCHOOL ADDITION Cost, \$100,000
PLACERVILLE, Eldorado Co., Cal.
 Addition to high school to contain gymnasium, science room and cafeteria.

Owner—Placerville Union High Sch. District.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

16—BANKS, STORES AND OFFICES

PLANS BEING FIGURED

SANTA MONICA, Los Angeles Co., Cal.—Until March 21 Architect Glenn E. Smith, 696 E Colorado St., Pasadena, is taking bids for a one-story and basement office building (63x 34-ft.) to be built at the SW corner of Wilshire Blvd. and 22nd Street, Santa Monica, for Geo. E. Kennedy; Automobile Club of Southern California, lessee. 16

Sub-Contracts Awarded
OFFICE BLDG. Cost, \$9,000
 SAN JOSE, Santa Clara Co., Calif.

Lincoln and Coe Streets.
 Office building.

Owner—G. H. Cain, 98 South 13th St. Architect—Not Given.

Contractor—Bridges Constr. Co., 1398 Lincoln Ave., San Jose.

Plumbing—Wm. F. Serpa, 497 N 13th Street.

Electric Wiring—Rosending Electric Works, 78 Race Street.

Sheet Metal—Henry Eitzert Sheet Metal Works, 748 The Alameda.

Tile Work—Thos. H. Rice Co., 90 Vine Street.

Glass—Tiny's Glass Shop, 660 S First Street.

Iron Grille Work—Engfer Iron W'ks, 535 W. San Carlos Street.

Grading—E. G. Keeble, Jr., Route 4, Box 275, Tully Road.

Lumber and Mill Work—Chern Lbr. Co., 1400 The Alameda.

Painting—C. W. Lynds, 1886 Park Avenue.

Lathing and Plastering—Ernest Magers, 1175 Washington Ave. A. H. of San Jose. * 16

Preparing Working Drawings
ALTERATIONS Est. Cost, \$7,000
 SAN FRANCISCO, Cal. 20th St.

Alter present building to accommodate new offices.

Owner—Withheld.
 Architect—John H. Ahnden, 822 39th Ave., San Francisco.

Plans will be completed and figured by a selected list of contractors in about one week.

Preparing Working Drawings
MARKET BUILDING

Est. Cost, \$24,000
 SAN FRANCISCO. Mission District.

One-story reinforced concrete and part wood Class C market bldg. (75x100 ft.).

Owner—Withheld.
 Architect—Williams & Wastell, 337 17th St., Oakland.

PREPARING PLANS

FRESNO, Cal.—Montgomery, Ward & Co., Chicago, are preparing plans for a top addition and other improvements to the building they will occupy at Fulton and Merced Streets, Fresno. A third story will be added to the structure, with provisions for a fourth story, increasing the floor space from 31,000 sq. ft. to 73,000 sq. ft. The entire lower floor exterior of the present building will be remodeled and new show windows, new fixtures, new elevators, an air-conditioning plant, heating system and new lighting will be installed. Montgomery, Ward & Co. coast headquarters are at 2825 E. 14th St., Oakland. J. C. Doucha is manager of construction. * 16

Contract Awarded
TIRE SHOP Cont. Fr., \$12,054.50
 SACRAMENTO, Sacramento Co., Cal.

Thirty-first and I. Sts.
 Tire Shop.

Owner—Goodyear Tire Co.
 Architect—Herbert Goodpastor MI-

tau Bldg., Sacramento.
 Contractor—C. F. Unger, 2426 7th Ave., Sacramento—\$12,054.50.

Contract Awarded
PILE FOUNDATIONS

SACRAMENTO, Calif. Cont. Pr., \$85,821

Erection and completion of the pile foundations for State Office Bldg.

No. 3 at Sacramento; work includes excavation, cast-in-place concrete piles, and pile caps for foundation of building covering a ground area of approximately 315 x 150 feet.

Owner—State of California.
 Architect—Geo. B. McDougall, State

Architect, Public Works Bldg., 12th and N. Sts., Sacramento.

Contractor—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.

Contract Awarded
OFFICE BLDG. Cost, \$18,000
 PALO ALTO, Santa Clara Co., Calif.

533-539 Ramona St.

Three-story frame office building.
 Owner—F. J. de Lemos, 100 Waver-

ley Oaks.
 Structural Engineer—H. B. Hammill,

381 Bush St., San Francisco.
 Contractor—Wells P. Goodenough, 49

Wells Ave., Palo Alto. 16

Sub Contracts Awarded
STORE Cost, \$12,000
 STOCKTON, San Joaquin Co., Calif.

630 E. Weber Avenue.
 One-story brick store building.

Owner—Stockton Ice & Fuel Co., 33 S El Dorado St., Stockton.

Architect—Not Given.
 Contractor—O. H. Chain, 41 S. Suter

St., Stockton.
 Roofing—Stockton Roofing Co., 736

N. Hunter St.

Plumbing—W. T. Gibson Co., 123 S. Grant St.

Electric Wiring—Eddy Elec. & Mech. Co., 309 E. Weber Ave.

Sheet Metal—The Miller-Hays Co., 742 E. Weber Ave.

Glass—W. P. Fuller & Co., 218 S. Aurora St.

Iron Grille Work—Schafer Ornamental Iron, 830 S. Ophir St.

Brick and Stone Work—R. Williams, 707 N. San Joaquin St.

Grading—R. E. McCarty, 603 Eastworth St.

Foundations and Concrete—A. H. Sandberg, 405 W. Willow St.

Lumber and Mill Work—Electric Planing Mill, 545 S. Monroe St.

Hardware—Turner Hardware & Implement Co., P.O. Box 1050.

Lathing and Plastering—L. T. Crisp, Rt. 1, Box 564.

All of Stockton. * 16

Contract Awarded
ALTERATIONS Cost, \$50,000
 SAN FRANCISCO. 433 California Street.

Alterations to office building.
 Owner—Fireman's Fund Insurance

Co., 401 California St.
 Engineer—L. S. Rosener, 233 San-

some St.
 Contractor—Lindgren & Swinerton,

Inc., 225 Bush St.

Sub-Contracts Awarded
OFFICE, ETC. Cost, \$60,000
 SAN FRANCISCO. S Howard Street

155 W Second Street.
 Two - story Class B office building

and warehouse.
 Owner—Wm. Volker & Co., 333 Mont-

gomery Street.
 Architect—W. D. Peugh, 333 Mont-

gomery Street.
 Engineer—F. W. Kellberg, 320 Mar-

ket Street.
 Contractor—Cahill Brothers, 206 San-

some Street.
 Excavating—Piombo Bros. & Co., 1571

Title Insurance Bldg.; Holmes and Narver, structural engineers; E. L. Ellingwood, mechanical engineer. 15

CONTRACT AWARDED

LOS ANGELES, Cal.—Lovrich and Konjevod, 606 N. Kings Road, Los Angeles, awarded contract by Los Angeles Board of Education at \$42,885, for partial construction of a Class A assembly hall at the Torrance high school, Carson and Watson Sts., Torrance. Wesley Eager, architect, 816 W 5th St., Los Angeles; Laurence J. Waller, structural engineer; Ralph E. Phillips, mechanical engineer. 15

LOW BIDDER

LOS ANGELES, Cal.—Geo. Mitty, 122 N. Avenue 20, submitted low bid to Los Angeles Board of Education at \$63,700, for partial construction of a new classroom building at Manual Arts high school, 431 S. Vermont Ave. John and Donald B. Parkinson, architects, 434 Title Insurance Bldg., Holmes and Narver, structural engineers; E. L. Ellingwood, mechanical engineer. 15

Bids Wanted—To Close April 6, 8:00 P. M.

SHOP BUILDING

Total Est. Cost, \$275,000.
BERKELEY, Alameda County, Calif. Bancroft Way and Grove St. First unit of two and part three-story reinforced concrete & steel shop building, to consist of frame work and foundations, to be constructed on the grounds of the Berkeley High School.

Owner—Berkeley Unified Sch. District (Clara E. Andres, Secy.), 225 Milvia St., Berkeley.
Architects—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Gutterson, 526 Powell St., San Francisco.

First unit of work estimated at \$100,000 to be completed this year and balance of work estimated at \$175,000 to be done next year.

Plans and specifications now on file at the Secretary's office and may be obtained Saturday from the Architects' offices upon deposit of \$25. Bids will be opened in the Board Room of the School District.

(1516) 1st report Feb. 12; 2nd, Sept. 17, 1937. • 15

Preparing Preliminary Plans

SCHOOL Cost, \$.....
SPARKS, Nevada.

Erection of a new grammar school to contain 18 classrooms, library and auditorium.

Owner—Sparks Grammar Sch. District (Proctor R. Hug, Supt. of Schools).

Architect—F. J. De Longchamps, Gazette Bldg., Reno.
Sparks School District voted bonds March 12 in the amount of \$150,000, proceeds to finance work.

(4850) 1st report Mar. 17, 1938. • 15

Bids Opened

ALTERATIONS, ETC. Cost, \$.....
IVANHOE, Tulare Co., Cal.
One-story reinforced concrete addition of four classrooms and general alterations to present brick school building.

Owner—Ivanhoe Grammar School District.

Architect—C. A. Balch, 514 Bank of America Bldg., Visalia.

Low Bidder—Hodgson & Sons, 510 2nd St., Porterville—\$32,490.

Complete bids follow:
Hodgson & Sons—\$32,490; Ait. A \$5250; Ait. B \$5300.

Fisher & McNulty—\$41,135; Ait. A \$6825; Ait. B \$8708.
(8293) 1st report Mar. 11, 1938. • 15

BOND ELECTION

TUCSON, Ariz.—City of Tucson will hold an election April 9 at which time it is proposed to vote bonds in the sum of \$650,000, proceeds to be used to finance the construction of new schools and additions to existing schools in Tucson. Of the bond issue, \$300,000 would be used for senior high school improvements, including \$250,000 for a gym building, \$25,000 for remodeling main building and \$25,000 for furniture and equipment. The \$350,000 elementary bond issue would be used as follows: A new junior high school in the Government Heights section to cost \$125,000, a six-room addn. to Sam Hughes school, remodel Marj. J. Platt school, a 6-room building in the El Rio district, a 2-room addition to Mission School and a 2-room addition to Government Heights school.

Contract Awarded
ALTERATIONS, ETC.

Cont. Pr., \$32,490

IVANHOE, Tulare Co., Cal.
One-story reinforced concrete addition of four classrooms and general alterations to present brick school building.

Owner—Ivanhoe Grammar School District.

Architect—C. A. Balch, 514 Bank of America Bldg., Visalia.

Contractor—Hodgson & Son, 510 2nd St., Porterville—\$32,490.

BIDS RETURNED UNOPENED

LONE PINE, Inyo Co., Cal.—Bids received March 12 by the Lone Pine Union High School District, Catherine Bonham, Clerk, for furnishing all labor, material, and transportation for seating, electric fixtures, curtains and draperies for the High School auditorium building located at Lone Pine. Work will be readvertised shortly.

CONTRACT AWARDED

DAVIS, Yolo County, Calif.—M. J. Reeves Heating Co., 959 Natoma St., San Francisco, at \$11,936, plus \$100 for special water storage tank, was awarded contract by the Regents of the University of California at Berkeley, for supplying and installing auxiliary heating plant equipment in the heating plant at the University Farm, Davis.

Bids Wanted—To Close Mar. 29th, 8:00 P. M.

SCHOOL ADDN. Est. Cost, \$65,000

DELANO, Kern Co., Cal.
One-story concrete school addition to contain eight classrooms for domestic science and commercial departments; stucco exterior finish, stud and channels interior partitions, composition roof, concrete slabs and asphalt tile and terrazzo floors, gas-steam radiators, etc.

Owner—Delano Joint Union High School District.

Architect—Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.
Plans and specifications obtainable from the architect's office upon deposit of \$25.

Bids will be opened in the Board Room of Delano High School.

CONTRACTS AWARDED

LOS ANGELES, Cal.—William P. Neil Co., 4814 Loma Vista Ave., at \$65,080, awarded contract by Los Angeles Board of Education for construction of a men's gymnasium building at the Los Angeles Junior College, 855 N. Vermont Ave. Other contracts awarded were: Plumbing, Thomas H. Hagan Co., \$400 W. Pico Blvd., at \$2734; Heating, Hickman Bros., 471 8th St., San Pedro, at \$3610;

electric, Golden State Electric Co., 1682 W. Washington Blvd., at \$3245; painting, Hoelzel-Ehmg Co., 1788 W. 24th St., at \$1927. Low painting bid of Wm. R. Morgan Co. was rejected on basis of error. Allison & Allison, 1014 Edison Bldg., architect; E. L. Ellingwood, mechanical engineer; F. N. Ropp, structural engineer. 15

Planned SCHOOL

Cost, \$.....
VISALIA, Tulare Co., Cal. Mineral King Ave., Dollner St. and Sierra Drive.

Construction of new school building on six-acre site in the Visalia Home Builders' Tract.
Owner—Visalia School District.
Architect—Not Given.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif.—Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, have been commissioned by the Board of Regents, University of California at Los Angeles, to prepare plans for the first unit of a life science group of buildings to be built on the university campus in West Los Angeles. The first unit will be constructed south of the education building and will cost approximately \$220,000. Funds came from the sale of the old Vermont Ave. campus, purchased by the Los Angeles Board of Education. 15

LOW BIDDER

LOS ANGELES, Cal.—Lovrich & Konjevod, 606 N. Kings Road, Los Angeles, at \$42,885, submitted low bid to Los Angeles Board of Education, for partial construction of a Class A assembly hall at the Torrance high school, Carson and Watson Streets, Torrance. Wesley Eager, architect, 816 W. 5th St., Los Angeles; Laurence J. Waller, structural engineer; Ralph E. Phillips, mechanical engineer. 15

Preparing Plans

TRAINING SCHOOL BUILDING
Cost, \$200,000 to \$250,000

ELLENBURG, Wash.
Two-story brick building with stone trim.

Owner—Central Washington College of Education.

Architect—John W. Maloney, 1117 Larson Bldg., Yakima.

Plans will be completed in about one month. 15

Plans Approved

ADDITION Est. Cost, \$35,000
PIEDMONT, Alameda Co., Calif. 800 Magnolia Ave.

One-story concrete library addition (40 x 70 feet), to join study hall with business manager's office and supply rooms adjoining library, to conform with present architecture; terra cotta tile roof.

Owner—Piedmont High School.
Architect—H. H. Weeks, 593 Market St., San Francisco.

Plans have been approved by the State Division of Architecture.

Plans Completed

GYMNASIUM Est. Cost, \$10,000
LAKEPORT, Lake Co., Cal.

One-story frame gymnasium at Clear Lake High School (composition roof, maple floors, no plumbing work).

Owner—Clear Lake Union High Sch. District.

Architect—John Easterly, Healdsburg and Santa Rosa.

Plans are now in Sacramento, awaiting approval of State Division of Architecture.

Contracts Awarded
SCHOOL BUILDINGS
LODI, San Joaquin Co., Cal.
 Two-story reinforced concrete music building (music rooms, rehearsal room, and two classrooms), asbestos roof, cork carpet over wood floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant and a one-story reinforced concrete agricultural mechanics shop building (50 x 100 feet), asbestos built-up roof, steel industrial windows.

Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

John Hachman, P.O. Box 206, Stockton, at \$39,800, awarded contract for music building, accepting alternates 3, 4, 7, 8, 9, 11 and 12, all deductions.

L. Ubels, Box 181, Ripon, at \$13,650, awarded contract for shop building, no deductions.

Separate bids were received for (1) music building, (2) shop building, and (3) combined bid for music and shop buildings.

Complete bids follow:

- John Hachman, Stockton—(1) \$39,800, (2) \$14,800, (3) \$54,000.
- L. Ubels, Ripon—(1) \$42,710, (2) \$13,650, (3) \$56,150.
- Palo Alto Road Materials Co.—(1) \$45,144, (2) \$15,852, (3) \$59,196.
- Claude C. Wood, Stockton—(1) \$53,500, (2) \$16,500, (3) \$69,000.
- J. L. Webster, Lodi—(2) \$15,484.
- C. H. Dodd, Stockton—(3) \$53,537.
- George Roek, Stockton—(3) \$53,310.

BIDS WANTED
WASCO, Kern Co., Calif.—Until April 1, 7:30 P. M., bids will be received by Wasco Union School District for construction of a transformer building in Wasco. Plans obtainable at office of John P. Perrine, 323 Bank of America Building, Visalia, upon deposit of \$10. Certified or cashier's check or bond for 10% to accompany bid. * 15

BOND ELECTION
SAN BERNARDINO CO., Calif.—Crest Forest Elementary School District, San Bernardino County, will hold an election April 12, at which time it is proposed to vote bonds in the sum of \$37,000, proceeds to be used to finance construction of a 4-room, reinforced concrete school bldg. at Crestline. H. L. Gogerty, 6272 Yucca St., Hollywood, is the architect; S. B. Barnes, 803 W. 3rd St., Los Angeles, structural engineer. 15

BOND ELECTION
SAN BERNARDINO CO., Calif.—Warm Springs Elementary School District will hold an election April 12, at which time it is proposed to vote bonds in the sum of \$7500, proceeds to be used to finance school improvements. This election was originally scheduled for March 11. Earl H. Smith, L. L. Cannon and Irma Sherrill are trustees of the district. 15

Architect Commissioned to Prepare Plans

SCHOOL ADDITION Cost, \$100,000
PLACERVILLE, Eldorado Co., Cal.
 Addition to high school to contain gymnasium, science room and cafeteria.

Owner—Placerville Union High Sch. District.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

16—BANKS, STORES AND OFFICES

PLANS BEING FIGURED
SANTA MONICA, Los Angeles Co., Cal.—Until March 21 Architect Glenn E. Smith, 696 E Colorado St., Pasadena, is taking bids for a one-story and basement office building (63x34-ft.) to be built at the SW corner of Wilshire Blvd. and 22nd Street, Santa Monica, for Geo. E. Kennedy; Automobile Club of Southern California, lessee. 16

Sub-Contracts Awarded
OFFICE BLDG. Cost, \$9,000
SAN JOSE, Santa Clara Co., Calif.
 Lincoln and Coe Streets.
 Office building.

Owner—G. H. Cain, 98 South 13th St. Architect—Not Given.

Contractor—Bridges Constr. Co., 1398 Lincoln Ave., San Jose.

Plumbing—Wm. F. Serpa, 497 N 13th Street.

Electric Wiring—Rosendin Electric Works, 78 Race Street.

Sheet Metal—Henry Eitzert Sheet Metal Works, 748 The Alameda.

Tile Work—Thos. H. Rice Co., 90 Vine Street.

Glass—Tiny's Glass Shop, 660 S First Street.

Iron Grille Work—Engfer Iron W'ks, 535 W. San Carlos Street.

Grading—E. G. Keeble, Jr., Route 4, Box 278, Tully Road.

Lumber and Mill Work—Chelm Lbr. Co., 1400 The Alameda.

Painting—C. W. Lynds, 1886 Park Avenue.

Lathing and Plastering—Ernest Magers, 1175 Washington Ave. All of San Jose. * 16

Preparing Working Drawings
ALTERATIONS Est. Cost, \$7,000
SAN FRANCISCO, Cal. 20th St.
 Alter present building to accommodate new offices.

Owner—Withheld.
 Architect—John H. Ahnden, 822 39th Ave., San Francisco.

Plans will be completed and figured by a selected list of contractors in about one week.

Preparing Working Drawings
MARKET BUILDING
 Est. Cost, \$24,000
SAN FRANCISCO, Mission District.
 One-story reinforced concrete and part wood Class C market bldg. (75x100 ft.).

Owner—Withheld.
 Architect—Williams & Wastell, 337 17th St., Oakland.

PREPARING PLANS
FRESNO, Cal.—Montgomery, Ward & Co., Chicago, are preparing plans for a top addition and other improvements to the building they will occupy at Fulton and Merced Streets, Fresno. A third story will be added to the structure, with provisions for a fourth story, increasing the floor space from 31,000 sq. ft. to 73,000 sq. ft. The entire lower floor exterior of the present building will be re-modeled and new show windows, new fixtures, new elevators, an air-conditioning plant, heating system and new lighting will be installed. Montgomery, Ward & Co. coast headquarters are at 2825 E. 14th St., Oakland. J. C. Doucha is manager of construction. * 16

Contract Awarded
TIRE SHOP Cont. Pr. \$12,054.66
SACRAMENTO, Sacramento Co., Cal.
 Thirty-first and L Sts.
 Tire Shop.
 Owner—Goodyear Tire Co.
 Architect—Herbert Goodpastor, MI-

tau Bldg., Sacramento.
 Contractor—C. F. Unger, 2426 7th Ave., Sacramento—\$12,054.50.

Contract Awarded
PILE FOUNDATIONS
 Cont. Pr., \$85,821

SACRAMENTO, Calif.
 Erection and completion of the pile foundations for State Office Bldg. No. 3 at Sacramento; work includes excavation, cast-in-place concrete piles, and pile caps for foundation of building covering a ground area of approximately 315 x 150 feet.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Contractor—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.

Contract Awarded
OFFICE BLDG. Cost, \$18,000
PALO ALTO, Santa Clara Co., Calif.
 533-539 Ramona St.

Three-story frame office building.

Owner—P. J. de Lemos, 100 Waverley Oaks.

Structural Engineer—H. B. Hammill, 381 Bush St., San Francisco.

Contractor—Wells P. Goodenough, 49 Wells Ave., Palo Alto. 16

Sub Contracts Awarded
STORE Cost, \$12,000
STOCKTON, San Joaquin Co., Calif.
 630 E. Weber Avenue.

One-story brick store building.

Owner—Stockton Ice & Fuel Co., 33 S El Dorado St., Stockton.

Architect—Not Given.

Contractor—O. H. Chain, 41 S. Sutter St., Stockton.

Roofing—Stockton Roofing Co., 736 N. Hunter St.

Plumbing—W. T. Gibson Co., 123 S. Grant St.

Electric Wiring—Eddy Elec. & Mech. Co., 309 E. Weber Ave.

Sheet Metal—The Miller-Hays Co., 742 E. Weber Ave.

Glass—W. P. Fuller & Co., 218 S. Aurora St.

Iron Grille Work—Schafer Ornamental Iron, 830 S. Ophir St.

Erick and Stone Work—R. Williams, 707 N. San Joaquin St.

Grading—R. E. McCarty, 603 Eastworth St.

Foundations and Concrete—A. H. Sandberg, 405 W. Willow St.

Lumber and Mill Work—Electric Planing Mill, 545 S. Monroe St.

Hardware—Turner Hardware & Implement Co., P.O. Box 1050.

Lathing and Plastering—L. T. Crisp, Rt. 1, Box 564.

All of Stockton. * 16

Contract Awarded
ALTERATIONS Cost, \$80,000
SAN FRANCISCO, 433 California Street.

Alterations to office building.

Owner—Fireman's Fund Insurance Co., 401 California St.

Engineer—L. S. Rosener, 233 Sansome St.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Sub-Contracts Awarded
OFFICE, ETC. Cost, \$60,000
SAN FRANCISCO, S Howard Street
 157 W Second Street.

Two-story Class B office building and warehouse.

Owner—Wm. Volker & Co., 333 Montgomery Street.
 Architect—W. D. Peugh, 333 Montgomery Street.
 Engineer—F. W. Kellberg, 320 Market Street.
 Contractor—Cahill Brothers, 206 Sansome Street.
 Excavating—Piombo Bros. & Co., 1571

Turk Street.
Reinforcing Steel—Truscon Steel Co.,
 604 Mission Street.
Placing Reinf. Steel—J. Philip Mur-
 phy, 3901 Mission St.

Contract Awarded
STORE Cost, \$.....
STOUTH SAN FRANCISCO. N Grand
 Ave. bet. Linden and Maple Sts.
 One-story concrete and frame store
 building (70x90-ft.)
 Plans by Owner.
Contractor—Cahill Brothers, 206 San-
 some St., San Francisco.

Opening Date Postponed To Mar. 30
REMODEL BANK Cost, \$20,000
OROVILLE, Butte Co., Calif.
 Remodel bank building (new coun-
 ters, marble work, air condition-
 ing system, etc.)
 Own—First National Bank of Oro-
 ville.

Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.
 Plans are being figured by local
 contractors only. Bid opening date
 postponed from March 25.

TO ASK BIDS SHORTLY
WATSON, Cal.—Richfield Oil Cor-
 poration, 555 S. Flower St., Los An-
 geles, will take general contract bids
 next week, through their purchasing
 department, for a 16-room reinforced
 concrete office building, 63x85 feet
 in area, and a shower and toilet
 room building to be built at Sepul-
 veda Blvd. and Alameda St., Watson.
 Est. cost, \$39,000. Plans by Grant &
 Bruner, 607 Ferguson Bldg., Los An-
 geles. The buildings will go on the
 site of the \$4,000,000 refinery now
 under construction for Richfield by
 C. F. Braun & Co. 16

17— THEATRES

Sub-Contracts Awarded
THEATRE Cost, \$.....
SAN RAFAEL, Marin Co., Cal. 618
 Fourth Street.
 Rebuild Orpheus Theater, recently
 destroyed by fire.
 Owner—Blumenthal Theaters, 25 Tay-
 lor St., San Francisco.
Architect—Not Given.
Contractor—A. J. Hopper, 1769
 Pleasant Valley Ave., Oakland.
Plumbing and Sheet Metal—Shields
 Co., 303 Third St., San Rafael.
Heating—Aladdin Heating Corp., 5107
 Broadway, Oakland.
Mill Work—Henry Hess Co., 229 3rd
 St., San Rafael.
Lathing and Plastering—Fatta & Ri-
 naldi, 2247 Filbert St., Oakland.

Plans Being Figured—Bids Open on
March 30th
THEATER Cost, \$.....
EUREKA, Humboldt Co., Cal. Sixth
 St. betw. E and F Streets.
 Three-story reinf. conc. theater and
 1-story store building.
 Owner—Redwood Theatres, Inc. (Geo.
 M. Mann, Pres.), 988 Market St.,
 San Francisco.
Manager of Construction—William
 David.

18— WHARVES & DOCKS

Contract Awarded
RECONSTRUCTION Cont.Pr., \$32,377
SAN FRANCISCO. Pier 50, Embar-
 cadero.
 Reconstruction of Shed A damaged
 by fire last December.
 Owner—State of California (Board
 of Harbor Commissioners), Ferry
 Building.
Engineer—Frank G. White, Ferry
 Building.
Contractor—Leo Epp, 4745 Geary St.,
 San Francisco.
 Complete bids follow:
 Leo Epp, S. F. \$32,377

B. A. Howkins & Co., S. F.....	32,696
Frank J. Reilly Co., S. F.....	32,931
Fred J. Early, Jr., S. F.....	33,337
Barrett & Hilp, S. F.....	35,450
Monson Bros., S. F.....	35,707
Peter Sartorio, S. F.....	37,223
F. C. Amoroso & Sons, S. F.....	37,730
E. T. Lesure, Oakland.....	39,843

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., Cal.
 —Wm. P. Neil Co., 4514 Loma Vista,
 Los Angeles, at \$1,443 awarded con-
 tract by the Public Works Office,
 11th Naval District, San Diego, un-
 der Spec. 8555, for relocation of floats
 at the 22nd St. Navy Landing (Berths
 56 and 57), San Pedro. 18

BIDS WANTED
HERMOSA BEACH, Los Angeles
Co., Cal.—Until April 5, 7:30 P. M.,
 bids will be received by the Her-
 mosa Beach City Council for re-
 modeling and adding to Hermosa
 Beach pier buildings. Separate bids
 will be taken as follows: (1) general
 work; (2) plumbing; (3) electric
 work. Plans and specifications are
 obtainable from the City Building In-
 spector, 2nd floor, City Hall, Her-
 mosa Beach. Certified or cashier's
 check for 10% required.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
SAN FRANCISCO.—Pacific Coast
 Engineering Co., Inc., Maritime and
 Wharf Sts., Oakland, at \$41,550 was
 awarded contract by the U. S. En-
 gineer Office, South Pacific Division,
 Division Engineer, 414 Custom House
 San Francisco, under Bid No. 868-
 38-100, for constructing and deliver-
 ing afloat one 68-ft. 0-in. by 32-ft.
 0-in. by 6-ft. 0-in. welded steel clam-
 shell barge to San Francisco water-
 front. 19

CONTRACT AWARDED
SAN FRANCISCO.—Pacific Dry
 Dock & Repair Co., foot of 14th St.,
 Oakland, at \$1063.00 submitted low
 bid and awarded contract by the
 State Harbor Board, Ferry Building,
 for overhauling mud scow.
 Total bids follow:
Pacific Dry Dock & Repair Co.
 Oakland \$1,063
 H. C. Thompson, S. F. 1,080
 General Engr. & Dry Dock Co.,
 San Francisco 1,236
 Bruer-Siemer, San Francisco, .. 1,677
 United Engr. Co., Ltd., S. F. 1,767
 19

CONTRACT AWARDED
GLENDALE, Los Angeles Co., Cal.
 —Contracting Engineers Co., 2310 1/2
 W. Vernon Ave., Los Angeles, award-
 ed contract for construction of boys'
 camp on a 35-acre site in the Ver-
 dugo Woods district, Glendale, for
 Camp Max Strauf. Plans will be
 prepared by Architect Geo. Lourdou,
 Bank of America Bldg., Glendale.
 Work will consist of a swimming
 pool, 30x60 ft., mess hall, kitchen,

shower buildings and ten 10-bed cab-
 ins. Work on the playgrounds an-
 grading will start at once. Approx-
 imate cost is \$46,000. 1

BIDS OPENED
SAN FRANCISCO.—Boiler Tank &
 Pipe Co., 800 75th Ave., Oakland, a
 \$14,660 submitted low bid to the U.
 S. Engineer Office, South Pacific
 Division, 414 Custom House, San
 Francisco, under Bid No. 868-38-100
 for furnishing, constructing and de-
 livering afloat two 44-ft. by 22-ft.
 by 4-ft. 6-in. welded steel barges to
 San Francisco waterfront. Govern-
 ment estimate, \$16,837.

Total bids follow:

Boiler Tank & Pipe Co., Oak- land	\$14,660
Berkeley Steel Const. Co., Inc., Berkeley	19,288
Independent Iron Wks, Oak- land	20,111
Pacific Coast Engr. Co., Oak- land	20,500
California Steel Prod. Co., San Francisco	21,400
Moore Dry Dock Co., Oakland 21,460	
Bethlehem Shipbuilding Corp., Ltd., Alameda	25,500

19

BID CALL CANCELLED
SEATTLE, Wash.—The bid call for
 stringing about 700 miles of trans-
 mission line conductor on Skagit
 Transmission Line No. 2, to have
 been opened March 17 by the Board
 of Public Works, 509 County-City
 Bldg., Seattle, was cancelled. The
 contract will be advertised at a later
 date under PWA regulations. 19

Plans Being Figured
REMODEL MORTUARY
 Est. Cost, \$10,000
OAKLAND, Alameda Co., Cal. 1445
 Fifth Ave.
 General remodeling of present bldg.
 Owner — Anchor & Co., Andker &
 Peterson, 1445 5th Ave.
Architect—Alben Froberg, 1955 Web-
 ster St., Oakland.

Bids are now being received by
 the Owner from a selected list of
 contractors.

BIDS WANTED
FORT McDOWELL, Calif.—Until
 March 29, 2 p.m., bids will be re-
 ceived by the Department of Justice
 Bureau of Prisons, Room 415, Post
 Office Bldg., San Francisco, under
 Bid No. 1372, for repairing the
 launch, "McDowell".
 Plans and specifications may be
 obtained from the above office. 10

PLANNED
HOLLYWOOD, Calif.—Hollywood
 Post No. 43, American Legion, 2038
 N. Highland Ave., at an early meet-
 ing, will vote on the question of
 erecting a new stadium near the
 existing stadium at 1628 N. El Centro
 Ave., Hollywood. It will be a
 reinforced concrete and steel struc-
 ture, with seating capacity of 6000
 and will cost approximately \$150,000.
 1

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED
BOULDER CANYON PROJECT.
 Until April 1, 2:00 p.m. (date post-
 poned from March 18), bids will be
 received by the Bureau of Reclama-
 tion, Denver, under Spec. No. 1,044-I
 for furnishing and delivering twelve
 15 1/2-in. diam. butterfly valves for
 installation in the Boulder power
 plant, Boulder Canyon Project, f.o.i.
 shipping point and/or Boulder City,
 Nev. Butterfly valves will be in-
 stalled by the Government.

Capital City
 Title Company

•

JAMES E. BANCROFT
 Manager

•

801 J Street
 Sacramento : California

Plans and specifications may be obtained from the above office. * 20

CONTRACTS AWARDED

GRAND COULEE DAM.—The Bureau of Reclamation, Washington, D. C., under Spec. No. 1028-D, awarded the following contracts for furnishing and delivering 200,000 barrels of modified Portland cement in bulk for Grand Coulee Dam.

Lehigh Portland Cement Co., Chicago, at \$95,940 for 50,000 bbls.

Spokane Portland Cement Co., Spokane, at \$110,925 for 62,500 bbls.

Olympic Portland Cement Co., Seattle, at \$175,805 for 87,000 bbls. * 20

BIDS OPENED

LOS ANGELES, Cal.—United Casting Co., 3636 S Alameda Street, at \$7,000, 1% 15 days, submitted low bid to Los Angeles County Purchasing Agent for furnishing all steel grating necessary for platforms and walkway bridges (total area 6620 sq. ft.) delivered to County Flood District at Azusa; Quot. 6692. A. M. Castle & Co., Fabriform Steel Products and Blaw-Knox Co. submitted identical bids at \$7819.01, disc. 1% 15 da. * 20

BIDS WANTED

OAKLAND, Cal.—Until April 5, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing cable.

- (1) 16,142 ft. 74 conductor cable;
- (2) 8,600 ft. 16 conductor cable;
- (3) 24,000 ft. 8 conductor cable.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

TACOMA, Wash.—Until April 4, 1 P. M., bids will be received by the Board of Contracts and Awards, 307 City Hall, Tacoma, for steel structures for 110-kv. disconnecting switches and buses at Cushman Power House No. 2, Pothatch, Wash. Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

SAN FRANCISCO.—Independent Iron Works, 821 Pine St., Oakland, at \$252, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-108, for two curb guards, complete with anchor bolts and fastenings; f.o.b. Fort Cronkhite, Marin County. * 20

CONTRACT AWARDED

SAN FRANCISCO.—G. Mazzera, 4277 Mission St., San Francisco, at \$252 per bbl, disc. 10 1/4% per bbl. 30 days, submitted low bid and awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-38-109, for furnishing 1750 bbls. Portland cement; f.o.b. Battery Davis, Fort Funston, S. F.

- Total bids follow:
- G. Mazzera, 4277 Mission St., S. F., \$252 per bbl, disc. 10 1/4% 30 days.
- Henry Cowell Lime & Cement Co., \$252 per bbl, 10c 30 days.
- Consumers Rock & Cement Co., \$252, 10c 30 days.
- San Francisco Gravel Co., \$252, 2% 30 days.

Following submitted identical bids at \$3.00 per bbl, 2% 30 days: Golden Gate Atlas Materials Co.; Gross Co.; Bode Gravel Co.; J. S. Guerin & Co.; Ready-Mix Concrete Co., Ltd.; San Francisco Materials Co.; Mission Bldg. Materials Co.; John Casaretto & Co. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1201, for furnishing one structural steel, welded construction brush stripper: (1) f.o.b. shipping point; (2) f.o.b. Government Island:

Brown Bros. Welding Co., S. F., (1) \$2140, San Francisco; (2) \$2175, net.

Judson-Pacific Co., S. F., (1) \$1910, Emeryville; net.

California Iron & Welding Works, Oakland, (1) \$645, Emeryville; (2) \$660; 2% 10 days.

East Bay Welders, Oakland, (1) \$935, Oakland; (2) \$970; 2% 10 days.

Mutual Engineering Co., S. F., (1) \$1243, South S. F.; (2) \$1258; net. (1) \$1243, South S. F.; (2) \$1258; net.

General Engineering & Dry Dock Co., Oakland, (1) \$2649, Oakland; (2) \$2699; net.

Pacific Coast Engineering Co., Inc., Oakland, (2) \$950; 1/2% 10 days.

Independent Iron Works, Oakland, (2) \$1649; 1/2% 10 days.

Star Ornamental Iron Works, S. F., (1) \$1228, San Francisco; (2) \$1248; 1% 10 days. * 20

BIDS WANTED

PIMA COUNTY, Ariz.—Until April 12, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 240 tons of Type SC-2 liquid asphalt road material for use on the Tucson-Ajo Federal Lands Highway, Route 5, Section A, Papago Indian Reservation, Pima County, Ariz.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until March 31, 10 a.m., bids will be received by the Los Angeles Water & Power Purchasing Agent, under Spec. 2575, for galv. steel guy wire, as follows:

- (1) 100,000 ft. 1/2-in. galv. steel guy wire, in 500-ft. coils;
- (2) 100,000 ft. 5/16-in. galv. steel guy wire, in 500-ft. coils;
- (3) 5,000 ft. 3/8-in. Siemens-Martin galv. steel guy wire, in one continuous length on non-returnable wooden reel;
- (4) 75,000 ft. 3/8-in. high strength galv. steel guy wire, in 500-ft. coils;
- (5) 10,000 feet 7/16-in. extra high strength galv. steel guy wire, in 500-ft. coils. * 20

CONTRACTS AWARDED

DENVER, Colo.—Associated Piping and Engineering Co., Ltd., Los Angeles, at \$790.51 (Schedules 1, 3 and 5) to Boulder City; and Crane-O'Fallon Co., Denver, at \$406.10 (Sched. 2 and 4) for Boulder City, were awarded contracts by the Bureau of Reclamation Purchasing Agent, Denver, under Prop. C-23101-A, for furnishing wrought steel black pipe, nipples, gaskets, gate valves, connections, oil headers, pipe supports and hangers, two unit cinch anchors and seamless tubing. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Geo. E. Miller Lumber Co., at \$1500.68, 2% ten days, fob Oregon, awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 363, for 114,700 bd ft. of Douglas fir lumber. * 20

CONTRACT AWARDED

DENVER, Colo.—National Electric Products Corp., Pittsburgh, Pa., at \$19,725.77, awarded contract by the Bureau of Reclamation, Washington, D. C., under Bid No. A-38-094-A, for

tubing and bends for concrete cooling system at Grand Coulee Dam. * 20

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Henry Hess Co., 229 3rd St., San Rafael, at \$268.80, 2% 10 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, 401 Custom House, San Francisco, under Bid No. 868-38-105, for furnishing Douglas fir lumber; f.o.b. Fort Cronkhite, Marin Co.

Total bids follow:
Henry Hess Co., 229 3rd St., San Rafael—\$268.80; 2% 10 days.

Smith Lumber Co.—\$289, 2% 10 da.
Acme Lumber Co.—\$297, 2% 30 da.
Loop Lumber Co.—\$309.10, 2% 30 days.

Rolando Lumber Co.—\$320, 2% 10 days.

Allen & Dettmann Lumber Co.—\$360, 2% 10 days. * 20

BIDS OPENED

SAN FRANCISCO.—Fair Mfg. Co., 617 Bryant St., San Francisco, at \$1002.22, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1978, for furnishing ornamental and miscellaneous metal work for West Portal Library.

Total bids follow:
Fair Mfg. Co., 617 Bryant St., San Francisco—\$1002.22.

Michel & Pfeffer Iron Works, Inc.—\$1,075.00.

Star Ornamental Iron Works—\$1,120.68.

Monarch Iron Works—\$1,141.24.
F. Kern & Sons Iron Works—\$1,212.00.

Arnie Iron Works—\$1,234.87.
Federal Ornamental Iron & Bronze Co.—\$1,323.55.
Anchor Post Fence Co.—\$1,421.40.
Sunset Iron Works—\$1,554.27. * 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until April 1, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1051-D, for furnishing and delivering structural steel for transmission towers for the Southern California Edison Company transformer circuit in the Boulder switchyard, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. Boulder City and/or shipping point. Structures will be erected by the Government.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until April 5, 2 p.m., bids will be received by the L. A. County Supervisors for the following materials to be furnished for alterations to Psychopathic Bldg., I. A. General Hospital; Spec. 448:

- (A) cem and conc aggregate;
- (1) 210 sacks portland cement;
- (2) 8 sacks white cement;
- (3) 5 tons crushed rock or gravel;
- (4) 12 tons concrete sand;
- (5) 37 tons plaster sand;
- (B) reinf. and masonry and plaster materials;
- (C) steel sash, wire guard and misc. metal;
- (D) vent. ducts, grilles and ventilators;
- (E) lumber, millwork and glass;
- (F) finish hardware;
- (G) floor and wall tile materials;
- (H) paint materials and supplies;
- (I) plumbing and steam heating materials and supplies;
- (J) electric materials and supplies;
- (K) linoleum materials;
- (L) mastipave floor covering material;

CONTRACT AWARDED

LOS ANGELES, Calif.—H. A. Browning Lumber Co., at \$8916.60, 1½ 30 days, was awarded contract by U. S. Engineer, Los Angeles, for \$23,160 lin. ft. treated round wood piling, Circ. Prop. 326, f.o.b. Oregon, shipped to Wilmington treatment plant, and delivered by truck to job.

CONTRACT AWARDED

OAKLAND, Cal.—American Concrete & Steel Pipe Co., 19th and Esplanade, Oakland, at \$2205, awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 700 lin. ft. 30-in. con-

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$3,539, net, f.o.b. Oakland, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5497, for 180-foot continuous girder span, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel portions necessary for the erection of the span, Balch Camp Bridge. * 20

March 21, 1938

CONTRACT AWARDED

LOWELL, Snohomish Co., Wash.—Chicago Bridge and Iron Co., 116 New Montgomery St., San Francisco, at \$4,430 was awarded contract by the Lowell Water District, for furnishing 60,000-gallon steel storage tank.

Complete bids follow:

Chicago Bridge & Iron Co.,
116 New Montgomery St.,
San Francisco \$4430.00
Seattle Boiler Works, Seattle 5450.00
Pittsburgh-Des Moines Steel
Co., Seattle 5483.00
Steel Tank and Pipe Company
of Oregon, Portland 5800.00

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Company was awarded contract by the U. S. Engineer, Los Angeles, for steel sheet piling under Circ. Prop. 343.

The items are:
(1) 6,912 lbs., 12-ft. long (16 pcs.);
(2) 48,060 lbs., 15-ft. long (89 pcs.);
(3) 14,400 lbs., 20-ft. long (20 pcs.);
(4) 8,100 lbs., 25-ft. long (9 pcs.);
(5) 10,800 lbs., 30-ft. long (10 pcs.);

The bids were:
Bethlehem Steel Co., \$3.72 cwt. delivered; if shipped from Lakawanna on government bill of lading allow \$1.17 cwt. and equalize; disc. ½ of 1% and \$2.70 cwt.; alt. bid, if delivered from stock in Los Angeles, \$3.275 cwt. plus cutting charges of \$37; total, \$2890.19; disc. ½ of 1% on \$3.05 cwt.; delivered to job.

Inland Steel Co., \$3.72 cwt. delivered to Los Angeles; if shipped on government bill of lading from Indiana Harbor, Ind., allow commercial freight rate and equalize; disc. ½ of 1% on \$2.70 cwt.

Columbia Steel Co., \$3.72 cwt. delivered in 20 days to Glendale; disc. ½ of 1% on \$2.70 cwt.; if shipped on government bill of lading from Chicago allow \$1.02 cwt.; rail and water shipment \$3.0875 cwt. delivered in 30 days; disc. ½ of 1% on \$3.05 cwt. 20

BIDS OPENED

SAN FRANCISCO.—Geo. E. Honn Co., 420 Market St., San Francisco, at \$9321.50 submitted low bid to the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 1972, for furnishing 5000 glass heavy-duty suspension insulators.

Total bids follow:
Geo. E. Honn Co., 420 Market
St., San Francisco \$9,312.50

Grey Electric Supply Co. 9,733.50
Graybar Electric Co. 10,183.80
Allied Industries, Inc. 10,197.00

BIDS OPENED

SAN FRANCISCO.—Detroit Steel Products Co., 111 Sutter Street, San Francisco, at \$3157 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1971, for furnishing and delivering steel sash for West Portal Library.

Truscon Steel Co., at \$3664.74 submitted only other bid. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for brick and lining blocks, Circ. Prop. 361, were opened by U. S. Engineer, Los Angeles. The items are:

LOT 1

(1) 29,000 common brick;
(2) 13,000 low absorption brick.
LOT 2—Vit. Clay Lining Blocks
(1) 210 ft. ½ to ¾-in.;
(2) 1250 ft. ¾- to 1-in.;
(3) 35 ft. 9¾-in. wide with straight face;
(4) 35 ft. vit. clay guides.
Delivered to Gilroy St. and Los Angeles river within 30 days.

The bids were:

John & Wade: (1) \$842.50.
Pacific Clay Products: (1) part bid;
(2) \$256.80.
Davidson Brick Co.: (1) \$842.50; alt. bid, 10% aver. absorption brick, \$225.00 M.

Los Angeles Brick & Clay Products: \$842.50

Gladding, McBean & Co.: (2) \$256.41.
Simonds Brick Co.: (1) partial bid.
Security Materials Co.: (1) \$842.50.
Floyd S. Lee: (1) based on 10% average absorption brick, \$576.
Pacific Brick Co.: (1) partial bid.

BIDS OPENED

LOS ANGELES, Cal.—Bids for 114,700 bd. ft. of Douglas fir lumber fob shipping point and/or job site at 2572 E 27th St., Vernon, Circ. Prop. 363, opened by U. S. Engineer, Los Angeles, were:

E. K. Wood Lumber Co.: 5% 30 days, \$4323.55, delivered to job.
San Pedro Lumber Co., 5% 30 days, \$4313.95, delivered to job.
Kelly Smith Co., 2% 20 days, \$1,729.72, fob Oregon.

Hammond Lumber Co., 2% 30 days \$1659.13, fob Diam. Ore.
Booth-Kelly Lumber Co., 3% 10 da., \$1969.90, fob Springfield, Ore.

Fleischman Lumbe Co., 2% 10 da., \$1523.10, fob Oregon.
A. E. Fickling Lbr. Co., 2% 20 da., \$2015.90, fob Oregon.

Owens-Parks Lbr. Co., 5% 30 da., \$4313.95, delivered to job.

John A. Rudbach Lbr. Co., 5% 10 da., \$3096.90, delivered to job; 45 da. delivery.

Chapman Lbr. Co., 2% 10 days, \$1,510.75, fob Oregon.

Geo. E. Miller Lbr. Co., 2% 10 da., \$1500.68, fob Oregon.

Ingle & Worth, 2% 30 days, \$1976.25; fob McMinnville, Ore.

Patrick Lbr. Co., 2% 10 days, \$1,657.50, fob Oregon.

MacDonald & Harrington, 2% ten days, \$1731.15, fob Oregon; 21 days delivery.

James L. Hall, 2% 20 days, \$1684.80 fob Oregon; 20 days delivery.

Chace Lbr. & Supply Co., 5% 30 days, \$4313.95; delivered to job.

Thompson Lbr. Co., 2% 10 days, \$1710.80, fob Oregon; 30 days delivery.

W. E. Cooper Lbr. Co., 2% 20 da., \$1955.50, fob Oregon.

Dougherty Lbr. Co., 2% 10 days, \$1614.33, fob Oregon.

Twin Harbors Lbr. Co., 2% 10 days \$1641.25, fob Oregon.

Niedermeier-Martin Lbr. Co., 2%

10 days, \$1720.50, fob Mill City, Ore.
Glick Bros., 5% 30 days, \$3465.15, delivered to job. * 20

BIDS OPENED

PROVO RIVER PROJECT, Utah.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1045-D, for furnishing and delivering structural steel for the Provo River Bridge, relocated D. & R. W. R. R. Station 493 plus 86, Deer Creek Dam, Provo River Project, Utah; f.o.b. shipping point and/or Charleston, Utah. Material will be installed by the Government.

Virginia Bridge Co., Denver, Colo.—\$7503; wt. 183,000; net; f.o.b. Birmingham, Ala.

Duffin Iron Co., Chicago, Ill.—\$9,220; wt. 187,000; net; f.o.b. Chicago.

Hunter Steel Co., Pittsburgh, Pa.—\$9740; wt. 182,000; net; f.o.b. Neville Island.

The R. C. Mahon Co., Detroit, Mich.—\$9884; wt. 189,000; net; f.o.b. Detroit.

Pittsburgh-Des Moines Steel Co., Des Moines, Iowa.—\$9469; wt. 175,200; ½ of 1%; f.o.b. Des Moines.

Berkeley Steel Constr. Co., Inc., Berkeley, Cal.—\$9100; wt. 150,000; ½ of 1%; f.o.b. Berkeley.

Milwaukee Bridge Co., Milwaukee, Wis.—\$8549; wt. 184,000; ½ of 1%; f.o.b. Milwaukee.

Minneapolis-Moline Power Implement Co., Minneapolis—\$11,206; wt. 180,000; net; f.o.b. Charleston, Utah.

Stupp Bros. Bridge & Iron Co., St. Louis, Mo.—\$9917; wt. 180,000; ½ of 1%; f.o.b. Charleston.

Warden-Allen Co., Milwaukee—\$9,483; wt. 181,000; ½ of 1%; f.o.b. Milwaukee.

Midland Structural Steel Co., Cicero, Ill.—\$8483; wt. 190,000; ½ of 1%; f.o.b. Cicero.

Wisconsin Bridge & Iron Co., Milwaukee—\$8808; wt. 180,000; net; f.o.b. Milwaukee.

Clinton Bridge Works, Clinton, Ia.—\$8550; wt. 176,000; ½ of 1%; f.o.b. Clinton.

Omaha Steel Works, Omaha, Neb.—\$9377; wt. 179,500; ½ of 1%; f.o.b. Omaha.

Jos. T. Ryerson & Son, Inc., Chicago, Ill.—\$8700; wt. 174,718; net; f.o.b. Chicago.

John W. Beam, Denver, Colo.—\$8,800; wt. 186,000; ½ of 1%; f.o.b. Peotone, Ill.

Bethlehem Steel Co., Chicago, Ill.—\$7524; wt. 180,000; net; f.o.b. Chicago.

Mississippi Valley Struc. Steel Co., St. Louis, Mo.—\$9433; wt. 183,000; net; f.o.b. Charleston, Utah.

Illinois Steel Bridge Co., Jacksonville, Ill.—\$9033; wt. 189,200; ½ of 1%; f.o.b. Jacksonville.

St. Louis Structural Steel Co., E. St. Louis—\$9136; wt. 185,000; ½ of 1%; f.o.b. St. Louis.

American Bridge Co., Denver, Colo.—\$7661; wt. 182,800; net; f.o.b. Gary, Ind.

The Ingalls Iron Works, San Francisco, Cal.—\$9168; wt. 186,870; f.o.b. Charleston, Utah; wt. 175,870; f.o.b. Birmingham, Ala.

Independent Iron Works, Oakland, Cal.—\$11,700; wt. 187,000; net; f.o.b. Oakland.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$200; 2538 Durant, Berkeley; owner, O. M. Lucas; contractor, Burrows Termite Control, 3514 Broadway, Oakland.
ADDITIONS, \$275; 1869 Ada, Berkeley; owner, H. Wynn Adams; contractor, W. Degen, 2055 Santa Clara.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Syst. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED
KLAMATH FALLS, Ore.—C. A. Dunn, Klamath Falls, at \$32,430.00 submitted low bid and was awarded contract by the City Engineer, E. A. Thomas, for the construction of a bridge across U. S. R. S. Canal at N. 11th St.

Work involves:

- (1) 400 c.y. structural excavation;
- (2) 725 c.y. concrete;
- (3) 168,000 lbs. metal reinforcement;
- (4) 375 lf. concrete hand rail;
- (5) lump sum, remove old bridge.

Total bids follow:

(A) C. A. Dunn, Klamath Falls, \$32,430.00.

(B) G. I. Stebbins, Klamath Falls, \$32,437.00.

Unit prices follow:

(A)	(B)
(1)..... \$ 2.50	\$ 2.50
(2)..... 24.00	26.50
(3)..... .06	.658
(4)..... 6.00	3.75
(5)..... 500.00	325.00

21

CONTRACT AWARDED

PORT ORCHARD, Kitsap County, Wash.—Halleran Bros., 2550 22nd N., Seattle, at \$14,431 submitted low bid and was awarded contract by Kitsap County Engineer, J. H. Pattison, for the removal and replacement of pile and timber bridge with 4x4-foot concrete box culvert 209-ft. long of special design and earth fill.

21

22— DREDGING HARBOR WORKS, EXCAVATION

March 18, 1933.

CONTRACT AWARDED

OAKLAND, Cal.—Daniel Contracting Co., 503 Market St., San Francisco, at \$2870, awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for 8200 cu. yds. of clamshell dredging at Smith Lumber Company's Wharf, Inner Harbor, Oakland.

22

BIDS WANTED

FORT PECK, Mont.—Until April 15, 3 P. M., bids will be received by the U. S. Engineer, Fort Peck, Mont., for construction of 40,600 c.y. earthwork and installation of flood gates on north bank of Milk River. Circ. Prop. 242.

22

COMPLETE BIDS

KLAMATH FALLS, Ore.—Tacoma Dredging Co., 1113 1/2 "A" Street, Tacoma, Wash., at \$63,900 submitted low bid to the U. S. Engineer Office,

628 Pittock Block, Portland, under Bid No. 698-33-466, for strengthening and rebuilding approximately 33,310 lf. of existing levee and the construction of approximately 1,484 lf. of new levee, situated on Tenasillahe Island, Diking District No. 6, Clatsop County, Oregon. Work involves: 420 c.y. levee embankment, hydraulic suction dredge, in place.

Total bids follow:
 Tacoma Dredging Co., 1113 1/2 "A" St., Tacoma, \$15 per c.y., total, \$63,900.00.

Puget Sound Bridge and Dredging Co., Seattle, \$172 per c.y., total, \$73,272.00.

Contracting Officer's est., \$136871 per c.y., total, \$58,307.07.

22

BIDS WANTED

SAN FRANCISCO.—Until April 7, 3:00 p.m., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Contract No. 45, for dredging channel for levee at the San Francisco Airport. Work consists of dredging a channel along the line of the levee or levees to be constructed under another contract and other work of similar nature.

Plans and specifications may be obtained from Room 605, 425 Mason St., San Francisco, upon deposit of \$10.00.

22

BIDS WANTED

SAN FRANCISCO.—Until April 7, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Contract No. 44, for constructing earth and rock fill at the San Francisco Airport. Work consists of loosening, excavating and loading earth and rock at a quarry furnished by the City; hauling this material to the San Francisco Airport and depositing it there for the construction of a levee or seawall, a breakwater and other work.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$10.

22

23— CANALS

BIDS OPENED

SHOSHONE PROJECT, Wyo.—J. A. Terteling & Sons, Boise, Idaho, at \$68,538 submitted low bid to the Bureau of Reclamation, Cody, Wyo., under Spec. No. 772 for the construction of earthwork, tunnel and canal lining, Heart Mountain Canal, Station 15 plus 90.7 to Station 27 plus 00 Heart Mountain division, Shoshone Project, Wyo.

Total bids follow:

J. A. Terteling & Sons, Boise Idaho	\$68,538.00
The Utah Const. Co., Ogden	75,243.50
Gunther & Shirley Co., Casper, Wyo.	80,365.00
Johnson, Inc., Alhambra	83,620.20
Inter-Mountain Const. Co., Great Falls, Mont.	90,080.00
Northwest Engr. Co., Rapid City, South Dakota	99,705.50

Unit prices are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco.

23

CONTRACT AWARDED

SHOSHONE PROJ., Wyo.—Northwestern Engr. Co., Rapid City, South Dakota, at \$173,603.70 was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 769, for the construction of

earthwork, canal lining and structures, Station 712 to Station 920, Heart Mountain Canal, Heart Mountain Division, Shoshone Proj., Wyo.

23

CONTRACT AWARDED

SUN RIVER PROJECT, Montana.—Williams & Douglas, Kallspell, Mont., at \$67,150, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 775, for the construction of the enlargement of the Sun River Slope Station 535 to Station 1153 plus 24, Sun River Slope Division, Sun River Project, Mont.

23

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

YERBA BUENA ISLAND.—Jas. A. Nelsom, Inc., 1375 Howard St., San Francisco, at \$4,862, submitted low bid and was awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., under Contract No. 145.1, for Fountain equipment, South Gardens, Yerba Buena Island.

25

CONTRACT AWARDED

YERBA BUENA ISLAND.—Clinton Construction Co., 923 Folsom St., San Francisco, at \$3,637, submitted low bid and was awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., under Contract No. 145.2, for transformer vault and pump pit on Yerba Buena Island.

25

BIDS OPENED

MENDOCINO CO., Calif.—Ashurst Bros., Hopland, at \$2.50 per hour submitted low bid to the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 West Washburn Ave., Eureka, for the rental of one 1,000-gal. capacity water sprinkler truck, not to exceed 300 hours, for use on roads in Mendocino Co.

Total bids follow:

Ashurst Bros., Hopland	\$2.50
A. Soda & Son, Oakland	2.62
Joe Cunha, Hayward	2.62 1/2
Portola Truck Service, S. F.	2.67
Anthony Maccaggi, L. A.	2.70
Lee J. Immel, Berkeley	2.98
Deyscher & Lafargue, S. F.	3.00
Chas. W. Beguhl, Millbrae	3.50

25

BIDS WANTED

MONTEBREY and San Luis Obispo Cos., Cal.—Until March 28, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of three 3-c.y. (or more) dump trucks for approximately 20 days use on slide removal and maintenance work at various locations in Monterey and San Luis Obispo Counties.

Plans and specifications may be obtained from the above office.

25

BIDS WANTED

ORANGE, LOS ANGELES AND VENTURA COS., Calif.—Until Mar. 28, 2 p.m., bids will be received by the State Highway Department, Los Angeles, for rental of equipment, as follows:

- (1) 1 to 8 only, 12 to 14-yd. capacity wheel scrapers, each with 90 to 100-hp. tracklaying type tractor;

(2) 1 to 8 only, 90 to 100-hp. (drawbar rating) tracklaying type tractors, each with bulldozer.

Equipment to be furnished for one year in Orange, Los Angeles and Ventura Counties. Bid shall include driver, gas, oil, full insurance and repairs. State will pay cost of transportation to and from the job. * 25

BIDS OPENED

RIVERSIDE CO., Calif.—Cozens & Hammond, First and C Streets, Encinitas, at \$5.00 per hour, submitted low bid to the State Highway Department, San Diego, for the rental of one ½-c.y. power shovel with operator, for use in Riverside Co.

Total bids follow:
Cozens & Hammond, First and C Sts., Encinitas—\$5.00 per hour; transportation, \$35.00.

A. C. Bussey, Riverside—\$6.00 per hour; transportation, \$25.

V. R. Dennis, San Diego—\$4.95 per hour; transportation, \$90.

H. G. Fenton, San Diego—\$5.75 per hour; transportation, \$80. * 25

CONTRACT AWARDED

SAN BERNARDINO, Calif.—Crook Co., 2900 Santa Fe Ave., at \$6489.25, was awarded contract by San Bernardino City Council for one ¾-c.y. gasoline powered shovel. Complete bids were:

Harry C. Collins (Hanson), \$5-982.71.

Crook Co. (Bucyrus-Erie), \$6489.25.

R. C. Muirhead (Osgood Invader), \$6515.

Brown-Bevis Equip. Co. (Bay City) \$6674. * 25

BIDS OPENED

LOS ANGELES CO., Cal.—Bids for rental of 75-hp. tractor with bulldozer for 40 days at Palos Verdes Drive, south at Portuguese Bend, opened by L. A. County Purchasing Agent, were:

Silva & Hill Constr. Co., \$5.50 hr.; disc. ½ of 1% 20 da.; 7 da deliv. 1 da. Anasco Constr. Co. (Caterpillar), \$5 hr.; deliv 1 da.

C. G. Willis & Sons, \$4 hr; 2% 15 da.; deliv 5 da.

Artukovich Bros. (Cat. 65), \$4.60 hr. C. R. Butterfield-Kennedy Co. (Cat. diesel), \$5 hr.; 3% 20 da.; deliv 4 da.

R. E. Campbell (RD-8 Caterpillar), \$52 per 8-hr day; (60-hp. Caterpillar), \$35 per 8-hr. day; disc. 5% 15 days. * 25

March 24, 1938

CONTRACT AWARDED

SAN BERNARDINO, Calif.—Contracts for trucks were awarded by San Bernardino city council as follows: Rolt. F. Garner (Ford) \$1278.69; Pearson Chevrolet Co., \$1390.10; Don L. Hollingsworth (Dodge) \$1440.45. * 25

BID OPENED

LOS ANGELES, VENTURA AND ORANGE COS., Cal.—Ed Waters, at \$3.50 per hour, submitted the only bid to the State Highway Department, Los Angeles, for the rental of one International I-30, 1937, tractor loader for a period of approximately 120 working days in Los Angeles, Orange and Ventura Counties. * 25

BIDS OPENED

LOS ANGELES AND ORANGE COS., Cal.—Bids for the rental of one to two ½-yd. full revolving truck shovel, complete with operator, in Ventura County for a period of approximately 90 working days, opened by the State Highway Department, Los Angeles, are:

Pacific Crane & Rigging Co., Inc., ½-yd. Universal Lorain, 1936, \$7 operating time and \$7 traveling time; ½-yd. Universal Lorain, 1937, \$7 and

\$7. Also filed a duplicate for above bid.

J. F. Pierce—1-yd. Northwest, 1938, \$6.95 and \$3.50.

R. E. Campbell, 0.4-yd. Quickway, 1933, \$6.60 and \$3.30; 0.5-yd. Lorain, 1938, \$7 and \$3.50.

W. M. Ward, (1) ½-yd. Quickway, 1936, \$5.50 and \$2; (2) ½-yd. Quickway, 1936, \$5.50 and \$2. * 25

BID REJECTED

BOULDER CANYON PROJECT.—Bureau of Reclamation, Washington, D. C., has rejected bid of General Electric Co., Schenectady, N. Y., sole bid submitted at \$10,090, for current telephone apparatus for the Boulder power plant; Spec. 1027-D. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing station light and power transformers, Spec. 275, opened by the Metropolitan Water District, Los Angeles, were:

Moloney Elec. Co. (1) \$867.63, \$3-470.52; (2) \$560.01, \$7840.14; total, \$11-310.65; use tax, \$339.32; total, \$11-649.97. Shipping weight, 64,400 lbs.; fob cars delivery point; no disc.

Allis-Chalmers Mfg. Co. (1) \$960-62, \$3842.43; (2) \$621.14, \$5695.96; total, \$12,538.44; use tax, \$376.15; total, \$12,914.59; shipping wt., 60,000 lbs.; fob cars Pittsburgh, freight allowed to any railway station in California; no discount.

Wagner Elec. Corp. (Farnham and Cunningham) (1) \$870.53, \$3482.12; (2) \$577.25, \$9081.50; total, \$11,563.62; use tax \$334.56; total, \$11,998.18; shipping wt., 69,720 lbs.; fob St. Louis, Mo.; freight allowed to destination; no discount.

General Electric Co. (1) \$1122.80, \$4491.20; (2) \$772.80, \$10,819.20; use tax, \$459.31; total, \$15,769.71; shipping wt., 82,410 lbs.; fob car district's R R station; no discount.

Pennsylvania Transformer Company, Pittsburgh, Pa. (1) \$842.3-368; (2) \$557.50, \$7805; total, \$11,173; use tax, \$335.19; total, \$11,508.19; shipping wt., 55,700 lbs.; fob Pittsburgh; no disc.

Standard Transformer Co. (1) \$936.96, \$3741.84; (2) \$605.73, \$3480.22; total, \$12,228.06; use tax not included. Shipping wt., 52,000 lbs.; fob cars Warren, Ohio; no discount. Exception to specified motor tests.

Kuhlman Electric Co., Bay City, Mich. (1) \$932, \$3728; (2) \$626, \$8-764; total, \$12,492; use tax not included (to be added). Shipping wt., 55,230 lbs.; fob R R siding nearest point of installation; no discount. * 25

BIDS OPENED

MONTEREY and Santa Barbara Cos., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the rental of (1) one 50-hp. tractor with angledozer, for use in Monterey County; (2) two 40-hp. tractors, one with angledozer and one with bulldozer, for use in Santa Barbara county.

*Simmons & Goodson, Santa Barbara, (1) \$4.50 per hour.
Galen Smith, Paso Robles, (1) \$4.60.
Burt W. Polin, San Luis Obispo, (1) \$4.64.

(Santa Barbara Crane Service, (1) \$4.70.

Walter E. Roselip, San Luis Obispo (1) \$4.95; * (2) \$4.95 with angledozer

H. V. Griffith, Salinas: (1) \$4.95; (2) \$4.35 with angledozer, \$4.60 with bulldozer.

The Price Co., Santa Monica, (1) \$5.50.

T. E. Fisher, Turlock, (1) \$5.75.

H. Earl Parker, Marysville, (1) \$5.34.

J. J. Hergert, Gaviota, (2) \$4.50 with angledozer, \$4.50 with bulldozer.

* Bid irregular. * 25

BIDS OPENED

SOLONA COUNTY, Cal.—Following submitted bids to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer 1200 N. Center St., Stockton, for the rental of one marine pile driver outfit complete with all necessary operating personnel and supplies and equipment for use in Solano County.

Bids taken on:

(1) rental rate per hour for complete pile driving outfit;

(2) lump sum for moving outfit to and from the work.

Bids were:

Pomroy Stockton, Stockton: (1) \$30; (2) \$150. Alt. for derrick driving outfit: (1) \$28; (2) \$150.

Bundesen & Lauritzen, Pittsburg: (1) \$25; (2) \$75.

Frank Legg, San Francisco: (1) \$25; (2) \$200. * 25

BIDS OPENED

SAN FRANCISCO—Following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1975, for furnishing (1) one Caterpillar tractor, and (2) one bulldozer for the Department of Public Works:

Edward R. Bacon Co., San Francisco: (1) \$3077.64; (2) \$1256.60; allowance, \$350; 3% 20 days.

Cleveland Tractor Co. (1) \$3144.08; (2) \$1628.43; allowance, \$850; 2% 30 days on \$4330.50.

Knox-Hale Machinery Co. (1) \$3355.22; (2) \$1534.70; allowance, \$1-094; net.

Peterson Tractor & Equipment Co.: (1) \$3566.64; (2) \$1265.87; allowance, \$850; net. * 25

CONTRACT AWARDED

LOS ANGELES, Orange and Ventura Cos., Cal.—Service agreements for machinery rentals have been awarded by the State Highway Department, Los Angeles, as follows: H. K. Smith, ½-c.y. gas shovel, at \$4.10 per hour.

Peter L. Ferry, 90-95-h.p. tractor and bulldozer, at \$6.50 per hour.

Post Bros., 12-14ton tractor and carryall scraper, at \$7.50 per hour.
Peter L. Ferry, 12-14 ton tractor and scraper at \$7.00 pe hour. * 25

BIDS OPENED

ORANGE, VENTURA AND LOS ANGELES COS., Cal.—Bids for the rental of one or two truck-mounted air compressors and accessories, jackhammers, etc., for use in Orange, Ventura and Los Angeles Counties, were:

Consolidated Crane Service (Vincent), one truck-mounted Ingersoll-Rand 26 5 cu. ft., \$6.00 and \$2.50; Le-Roi-Rix, model 310, \$6.00 and \$2.50.

C. G. Willis & Son—One Ingersoll-Rand 220 cu. ft., \$7.00 and \$3.00.

Emasco Concrete Cutting Corp.—One or two Gardner-Denver, 210 cu. ft., \$7.00 and \$1.75. * 25

BIDS OPENED

LOS ANGELES AND ORANGE COS., Cal.—Bids for the rental of one to two ½-cu. yd. full revolving truck shovels, complete with operator, for use in Los Angeles and Orange Counties, for a period of approximately 60 working days, opened by the State Highway Department, Los Angeles, are:

Bengel & Son—½-yd. Michigan 1938, \$6.00 operating time, \$3.00 traveling time.

Pacific Crane & Rigging, Inc.—½-

1. Universal Lorain 1936, \$7 and \$7;
 -yd. Universal Lorain 1937, \$7 and
 .00.
 J. F. Pierce— $\frac{1}{2}$ -yd. Northwest 1938,
 195 and \$3.50.
 M. P. McCaffrey, Inc.—(1) $\frac{1}{2}$ -yd.
 & H rebuilt 1938, \$5.35 and \$3.00;
) $\frac{1}{2}$ -yd. P & H same, \$5.35 and
 4.00.
 R. R. Shea—Quickway 1937, \$5.50
 bid \$5.00.
 R. E. Campbell—.04 Quickway 1938,
 .60 and \$3.30; 0.5-yd. Lorain 1938,
 .00 and \$3.50. 25

CONTRACT AWARDED
UNCOMPAGHRE PROJ., Colo.—
 ay City Shovels, Inc., Bay City,
 Mich., at \$12,550, awarded contract
 by the Bureau of Reclamation,
 y the Washington, D. C., under Spec. No.
 235-D-1 for furnishing and delivering
 ne clutch-operated crawler traction
 ounted, full revolving Diesel en-
 ine powered convertible type drag-
 ge excavator. * 25

BIDS OPENED
VENTURA, LOS ANGELES and
Orange Cos., Cal.—Bids for rental
 of $\frac{1}{2}$ -yd. to 1 $\frac{1}{2}$ -yd. gas shovels, for
 use in Ventura, Los Angeles, and
 Orange counties, opened by the State
 Highway Department, Los Angeles,
 were:
 R. E. Hazard & Son: one $\frac{3}{4}$ -yard
 Lorain 40, 1936, \$6.94.
 Claude Fisher Co., Ltd.: $\frac{3}{4}$ -yard
 Northwest, 1934, \$6.63.
 Basch Bros.: $\frac{3}{4}$ -yard Inslay, 1933,
 3.90; one $\frac{3}{4}$ -yd. Northwest, 1937,
 7.50.
 J. F. Pierce: $\frac{3}{4}$ -yd. Northwest, 1930
 6.75; $\frac{3}{4}$ -yd. Northwest, new, \$7.50.
 Rexroth & Rexroth: one $\frac{1}{2}$ -yard
 duckeye, 1936, \$7.50.
 W. R. Shriver: $\frac{1}{2}$ -yd. Northwest,
 1938, \$7.00; $\frac{3}{4}$ -yard Northwest, 1938,
 7.50; $\frac{1}{2}$ -yd. Lorain 77, Diesel, 1935,
 9.00.
 B. G. Carroll: $\frac{3}{4}$ -yd. Northwest
 5, 1937, \$6.94; $\frac{1}{2}$ -yard Northwest 18,
 1937, \$6.23.
 Miller Transportation Co.: $\frac{3}{4}$ -yd
 Northwest 25, 1937, \$6.50.
 Chas. Holmes: $\frac{3}{4}$ -yard Lorain, 1937
 6.85.
 Geo. Lessard: $\frac{1}{2}$ -yard Northwest
 or Lorain: will purchase new ma-
 chine, \$9.50.
 C. Dudley De Velbiss: $\frac{3}{4}$ -yd. North-
 west 25, 1937, \$7.25.
 Pacific Crane & Rigging, Inc.: $\frac{1}{2}$ -
 yd. Universal Lorain, 1937, \$7; $\frac{1}{2}$ -yd.
 Universal, 1934, \$7; $\frac{1}{2}$ -yd. Brown-
 ing, 1934, \$7; 1-yd. Link-Belt, 1927,
 \$8; 1-yd. Link-Belt, 1927, \$8.
 Metcalf Crane Service Co.: $\frac{3}{4}$ -yd.
 Lorain, 1938, \$6.875.
 Ray Schweitzer: $\frac{1}{2}$ -yd. North-
 west dragline clam crane, \$8.62; 1-
 yd. Northwest, \$7.99; 1-yd. P&H drag-
 line clam, \$7.99; $\frac{3}{4}$ -yd. P&H shovel
 dragline, \$7.62; $\frac{3}{4}$ -yard P&H sized
 prior to 1934, \$6.99; $\frac{1}{2}$ -yd. shovel
 make not stated) \$5.62.
 Jesse Hubbs: $\frac{1}{2}$ -yd. Byers, 1936,
 5.55.
 Frank T. Hickey: $\frac{3}{4}$ -yard Lorain
 0, 1936, \$7.00.
 Edward Green: $\frac{1}{2}$ -yard P&H, 1938
 6.50.
 Ebebe & Bailely: $\frac{3}{4}$ -yard Lorain 40,
 1936, \$7.00.
 T. G. Smith: $\frac{3}{4}$ -yard Northwest,
 1938, \$7.00.
 J. O. Cox and C. G. Sheets: $\frac{1}{2}$ -yd.
 Bucyrus-Erie, rebuilt, 1937, \$8.50; $\frac{1}{2}$
 yd. Lima 101, 1932, \$9.50.
 Hofner & Gordon: two $\frac{1}{2}$ -yard
 orains, 1936, \$9.35 each.
 Cozens & Hammond: $\frac{1}{2}$ -yard Byers
 1936, \$5.00.
 G. W. Ellis: $\frac{3}{4}$ -yard Lorain, 1937,
 \$7.00.
 Lang Trans. Co. 1-yd. Northwest,
 7.75; $\frac{1}{2}$ -yd. Northwest, \$8.25.
 C. G. Willis & Sons $\frac{3}{4}$ -yd. Koehring,

ring, 1938, \$7.50; $\frac{3}{4}$ -yd. Koehring,
 1938, \$7.50.
 Minnis & Moody: $\frac{3}{4}$ -yd. Lorain 40,
 1937, \$7.00.
 Griffith Co.: $\frac{1}{2}$ -yd. Lima, 1936,
 \$8.625.
 Piru Rock Co., Ltd.: $\frac{3}{4}$ -yd. Koehring,
 1926, \$6.00.
 Geo. J. Bock Co.: $\frac{1}{2}$ -yd. Northwest
 1938, \$6.85.
 R. H. Flickinger: $\frac{1}{2}$ -yd. Lorain,
 1932, \$8.50; $\frac{3}{4}$ -yd. Lorain, 1937, \$7.50.
 H. J. Wolle: $\frac{1}{2}$ -yd. P&H, 1933,
 \$8.40.
 S. Edmondson & Sons: $\frac{1}{2}$ -yd. P&H
 1938, \$5.90; $\frac{1}{2}$ -yd. Buckroy-Erie,
 1934, \$9.50.
 Sully Miller Contr. Co.: $\frac{3}{4}$ -yard
 Northwest (built prior to 1934), \$6.50.
 Jack Shields: $\frac{1}{2}$ -yd. Lorain, 1936,
 \$6.50.
 Harry K. Smith: $\frac{1}{2}$ -yard Universal,
 1934, \$4.10.
 Southwest Paving Co.: $\frac{1}{2}$ -yd. Mod-
 el 20 Bay City, 1937, \$5.45.
 Paul E. Naylor: $\frac{1}{2}$ -yard Byers,
 1936, \$5.35.
 F. S. Case: $\frac{1}{2}$ -yd. Lorain, 1938,
 \$5.50.
 Kiss Crane Service: $\frac{3}{4}$ -yd. Lorain
 40, 1936, \$8.
 A. S. Vinnell Co.: $\frac{1}{2}$ -yd. Northwest,
 1936, \$6.50; 1-yd. Northwest, 1930
 (rebuilt 1936), \$8.20; $\frac{1}{2}$ -yd. North-
 west (rebuilt in 1936) \$8.20.
 Morgan Bros. Trucking Co.: $\frac{1}{2}$ -yd.
 Browning, 1929, \$6.50; $\frac{1}{2}$ -yd. P&H,
 1930, \$8.00.
 A. E. Fowler & Sons: $\frac{1}{2}$ -yard Lorain
 30, 1935, \$7; $\frac{1}{2}$ -yard. Lorain,
 1937, \$7.00.
 Foster Sand & Gravel Co.: 1-yard
 Northwest 105, \$7.50; $\frac{1}{2}$ -yd. Byers 55
 (built in 1936), \$5.35.
 Carl G. Bliss: $\frac{1}{2}$ -yard Northwest
 Model 5, 1934, \$9.75.
 Bert Calvert: $\frac{1}{2}$ -yard Northwest,
 1930, \$8.50.
 Owl Truck & Materials Co.: 1-yard
 P&H (rebuilt) 1937, \$7.90.
 Dimmit & Taylor: 1-yard Link-
 Belt, \$7.50; $\frac{1}{2}$ -yd. Link-Belt, \$8.00.
 The Price Co.: $\frac{1}{2}$ -yard Bay City,
 1937, \$5.75; $\frac{1}{2}$ -yd. Lorain, 1936, \$5.90;
 1-yd. American, 1932, \$7.65.
 Mark L. Hart: $\frac{1}{2}$ -yard Bay City,
 1937, \$6.00.

BIDS OPENED

SANTA BARBARA CO., Calif.—
 Following submitted bids to the De-
 partment of Public Works, Division
 of Highways, L. H. Gibson, District
 Engineer, 50 Higuera St., San Luis
 Obispo, for the rental of equipment
 for use on the San Marcos Pass Rd.,
 Santa Barbara County, as follows:
 (1) two 4-c.y. (or more) dump trucks;
 (2) one 1-c.y. (or more) power shov-
 els;
 (3) one 50-hp. (or more) tractor with
 angledozer;
 (4) one 220-cu. ft. capacity air com-
 pressor with two pneumatic
 hammers.
 Rock & Gravel Trucking Co., Oak-
 land—(1) \$2.60, (2) \$9.50, (4) \$5.75.
 C. V. Clark, Jr., North Hollywood
 —(1) \$2.85.
 R & H Truck Co., Ventura—(1)
 \$2.85.
 K & S Truck Service, Long Beach
 —(1) \$2.89.
 Chas. W. Beguhl, Millbrae — (1)
 \$2.90.
 McReynolds Trucking Co., Oakland
 —(1) \$2.90.
 W. L. Morgan—(1) \$3.00.
 Western Motors Transfer, Inc.,
 Santa Barbara—(2) \$5.50, (4) \$3.50.
 Harry J. Wolle, Redwood City—(2)
 \$6.95.
 Clarence E. Lambert, Santa Bar-
 bara—(3) \$4.45.
 Santa Barbara Crane Service, San-
 ta Barbara—(3) \$4.70.
 Burt W. Polin, San Luis Obispo—
 (3) \$4.97.
 H. V. Griffiths, Salinas—(3) \$5.25.

Galen Smith, Paso Robles — (3)
 \$6.25.
 Pneumatic Machine Co., Los An-
 geles—(4) \$2.95.
 Western Machinery Co., San Fran-
 cisco—(4) \$4.85. * 25

BIDS OPENED

SAN LUIS OBISPO and Monterey
Cos., Cal.—Walter Roselip, 615 Grand
 Ave., San Luis Obispo, at \$5.90 per
 hour submitted low bid to the De-
 partment of Public Works, Division
 of Highways, L. H. Gibson, District
 Engineer, 50 Higuera St., San Luis
 Obispo, for the rental of one truck
 crane equipped with $\frac{1}{2}$ -c.y. (or more)
 clamshell bucket for approximately
 25 days use on slide area in San
 Luis Obispo and Monterey Counties.
 Santa Barbara Crane Service at
 \$7.00 per hour submitted only other
 bid. * 25

BIDS OPENED

VENTURA CO., Cal.—Lang Trans-
 portation Co. submitted the only bid
 to the State Highway Department,
 Los Angeles, for the rental of truck
 and trailer equipment for transport-
 ing heavy equipment in Ventura Co.

- The items are:
 (1) Hauling with standard truck
 and/or trailer, 14 ton maximum
 net load;
 (2) same, 14 tons to and incl. 24
 tons net load;
 (3) Hauling where low-bed trailer
 required, 14 ton maximum net
 load;
 (4) Same, over 14 tons to and incl.
 24 tons net load;
 (5) Same, over 24 tons to and incl.
 40 tons net load;
 (6) Same, over 40 tons net load.

The bid was: (1) \$4.50 traveling
 time, \$2.25 stand-by time; (2) \$5
 and \$2.50; (3) \$6.50 and \$3.25; (4) \$7
 and \$3.50; (5) \$7 and \$3.50; (6) \$7.50
 and \$3.75. * 25

BIDS OPENED

ORANGE, VENTURA AND LOS
ANGELES COS., Cal.—Bids for the
 rental of truck crane for use in Or-
 ange, Ventura and Los Angeles Cos.,
 opened by the State Highway Dept.,
 Los Angeles, were:

Pacific Crane & Rigging, Inc.— $\frac{1}{2}$ -
 yard Universal Lorain, model 37,
 \$7 working time; \$7 traveling time;
 Model 30, 1937, \$7 and \$7; Model 35,
 1934, \$7 and \$7.

Smith Bros. Truck Co.—One Lorain
 40, 1936, \$7 (bid irregular).

Lang Transportation Co.—Univer-
 sal full circle, 4-wheel drive, 6-cyl.
 Mack truck recently rebuilt, \$7; trav-
 eling time, \$3.50.

Geo. J. Bock Co.—Northwest model
 18, 1938, \$6.50; traveling time, \$2.50.

A. E. Fowler & Sons—Lorain 30 on
 Mack truck, 1936, \$7; traveling time,
 \$3.50.

Macco Constr. Co.—Two Universal
 30, 1937, on Mack trucks, \$7; trav-
 eling time, \$7. Two Brown-holsts,
 1937, \$7 and \$7.

Jack Shields — $\frac{3}{4}$ -yard clamdrag
 shovel, Lorain, 1937, \$7; traveling
 time, \$7.

Kiss Crane Service—Two Univer-
 sal 35, 1931, \$7; traveling time, \$7.

Foster Sand & Gravel Co.—Model
 18 Northwest, 1937, \$7; traveling
 time, \$7.

M. P. McCaffrey, Inc.—McCaffrey,
 1936, working time, \$5.95; traveling
 time, \$3; one 1936, \$6 and \$3; one
 1937, \$6.25 and \$3. 25

CONTRACTS AWARDED

LOS ANGELES.—Service agree-
 ment for the rental of 40 to 50-h.p.
 tractor and bulldozer has been is-
 sued by the State Highway Depart-
 ment, Los Angeles, to Martin Bros.
 Trucking Co., Long Beach. The
 equipment will be used in Orange

County. Bids on this equipment were opened March 14.

A service agreement will also be issued to Peter L. Ferry, Glendale, for similar equipment for use in District VII, this bidder being No. 1 on the list, but Martin Bros. No. 2 had equipment already at the location of the work in Orange County, hence the immediate award to the second bidder.

BIDS WANTED

EUREKA, Humboldt Co., Calif.— Until March 23, 1:40 p.m., bids will be received by the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 W. Wabash Ave., for the rental of two 3-yd. dump trucks for 500 hours each, for use in District 1.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN LUIS OBISPO AND MONTEREY COS., Cal.— Following submitted bids to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of two 3½-c.y. dump trucks for use in San Luis Obispo and Monterey Counties.

Bids taken on: (1) Power loading; (2) Hand loading.

R. B. Snow, Santa Maria—(1) \$2.83, (2) \$2.58.

Chas. W. Beguhl, Millbrae — (1) \$2.90, (2) \$2.40.

Rock & Gravel Trucking Co., Oakland—(1) \$2.90, (2) \$2.65.

K. & S. Truck Service, Long Beach—(1) \$2.90, (2) \$2.75.

The bids of Harry A. Collingham, Los Angeles, and E. C. Joseph, Watsonville, were out of order.

BIDS OPENED

EUREKA, Humboldt Co., Calif.— K. I. Dowdy, 101 Joost Ave., San Francisco, at \$2.74 per hour, submitted low bid to the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental for about 500 hours each, of four 4-yd. dump trucks for use in District 1.

Total bids follow:

K. I. Dowdy, 101 Joost Ave., San Francisco, \$2.74.

C. M. Mead, San Francisco, \$2.75.

R. Kennedy, Redwood City, \$2.85.

Following submitted identical bids at \$2.90 per hour: J. Pisenti and D. Dowling, Stockton; McReynolds Trucking Co., Oakland; R. M. Taylor, Cottonwood; Chas. W. Beguhl, Millbrae; Volpa Bros., Fresno; Chas. Kuppinger, Lakeport; W. K. Walker, San Francisco; H. Wagner and E. James, Napa; C. E. Huls, Merced; Rock & Gravel Trucking Co., Oakland. 25

BIDS OPENED

ORANGE, LOS ANGELES AND VENTURA COS., Cal.—Bids for the rental of motor graders for use in Orange, Los Angeles and Ventura Counties, opened by the State Highway Dept., Los Angeles, were:

Brown-Bevis Equip. Co.—Austin-Western model 99, 1938, one or two machines, \$6 per hour.

Oil Fields Trucking Co.—Austin-Western 77, 1935, \$5; Austin-Western 77, 1936, \$5.

Dimmitt & Taylor—Rome motor patrol, 10-ft., \$3.50.

R. E. Hazard & Sons—Austin-Western 77, 1935, \$4.40.

Triangle Rock & Gravel Co.—Austin-Western 77 Senior, 1937, \$4.35.

J. E. Haddock, Ltd.—Austin-Western 99, 1937, \$6; Austin-Western 77, 1936, \$5.

G. W. Ellis—Austin-Western 99, 1937, \$5.

V. B. Minnis—Caterpillar, 1938, \$6. Lang Transportation Corp.—Motor Patrol, Gallion, \$4.

Jack Shields—Adams 51, 1937, \$5. Oil Fields Trucking Co.—Two motor graders, dual drive, Austin-Western, 1937, \$4.50 each.

A. S. Vinnell Co.—Two Austin-Western Senior 77, 1937, \$4.75 each. Martin Bros. Trucking Co.—Austin-Western, 1931, \$3.50.

T. M. Page—Dual drive Caterpillar, 1936, \$5. Claude Fisher Co., Ltd.—Caterpillar diesel No. 11, tandem drive, 1936, \$5.00.

Road Mix, Inc.—One J. D. Adams, 1937, \$4.45; one J. D. Adams, 1938, \$4.95. 25

BIDS OPENED

GRAND COULEE DAM, Wash.— Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 777, for furnishing and delivering trash rack metalwork for ten outlet-works trashrack structures, 18 main unit penstock trashrack structures, and three station-service penstock trashrack structures at the Grand Coulee Dam, Columbia Basin Project, Wash. All trashrack metalwork will be installed by the Government; for cars at the shipping point and/or Odair, Wash.: American Bridge Co., Denver: (1) \$157,360; wt. 4,905,000 lbs.; (2) \$190,530; wt. 5,939,300 lbs.; (3) \$200,070; wt. 503,000 lbs.; (5) \$6740; wt. 128,700 lbs.; fob Gary, Ind.; (4) \$51,745, wt. 952,300 lbs.; fob Ambridge, Pa.; net.

Virginia Bridge Co., Roanoke, Va.: (1) \$177,000; wt. 4,916,000; (2) \$209,400; wt. 5,948,000; (4) \$53,356, wt. 961,000; fob Birmingham, Ala.; (3) \$23,600, wt. 502,000; fob Memphis, Tenn.; (5) \$6260, wt. 130,000 lbs.; fob Pittsburgh, Pa.; net.

John W. Beam Denver: (1) \$205,000, wt. 4,940,000; (2) \$248,000, wt. 5,875,000; (5) \$6300, wt. 126,000; fob Chicago; (3) \$19,750, wt. 505,000; (4) \$6,000, wt. 957,000; fob Peotone; ½%.

St. Louis Structural Steel Co., East St. Louis: (1) \$189,177, wt. 1,660,220; (2) \$227,772, wt. 1,777,300; (4) \$53,719, wt. 945,852; (5) \$6400, wt. 125,000; fob East St. Louis, or Jacksonville and Cicero; (3) \$23,756, wt. 504,000; fob Chicago; net; Combination bid: 1, 2, 3, 4 and 5, \$495,088.00. Kansas City Structural Steel Co., Denver: (1) \$236,144, wt. 4,953,000; (3) \$29,142, wt. 504,100; fob Odair, Wash.; net.

Moore Dry Dock Co., Oakland: (1) \$200,000, wt. 5,040,000; (2) \$241,000, wt. 6,080,000; (3) \$26,000, wt. 504,000; (4) \$58,000, wt. 964,000; (5) 10,000, wt. 138,000; Combination 1 and 2 = \$436,000; net; fob Oakland.

Bethlehem Steel Co., Bethlehem, Pa.: (1) \$146,616, wt. 4,920,000; (2) \$176,410, wt. 5,930,000; (3) \$19,750, wt. 500,000; (4) \$53,935, wt. 938,000; (5) \$6912, wt. 128,000; net; fob Chicago.

Spuck Iron & Foundry Co., Saint Louis, Mo.: (1) \$189,118, wt. 4,945,000; (2) \$227,886, wt. 5,955,000; net; fob St. Louis.

Judson-Pacific Co., San Francisco: (1) \$185,131, wt. 4,960,000; (2) \$217,139, wt. 5,990,000; net; fob San Francisco or Emeryville.

Pacific Car & Foundry Co., Seattle Wash.: (1) \$207,700, wt. 4,923,000; (2) \$241,300, wt. 5,927,000; (3) \$27,600, wt. 504,500; (4) \$57,200, wt. 953,000; (5) \$8300, wt. 130,776; net; fob Renton Wash.

Sheffield Steel Corp., Kansas City, Mo.: (1) \$5566, wt. 124,000; 1%; fob Kansas City.

Independent Iron Works, Ltd. Oak-

land: (2) \$219,774, wt. 5,972,000; n Oakland.

Southwest Welding & Mfg. Co., Hambra, Calif.: (1) \$202,452, wt. 940,000; (2) \$243,140, wt. 5,941,000; Combination 1 and 2, \$441,136; 1/ fob Hambra.

Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.: (5) \$594,556, wt. 13,380; net; fob Pittsburgh.

Reliance Steel Products Co., Rankin, Pa.: (1) \$180,900, wt. 4,950,000; (2) \$216,900, wt. 5,991,000; (3) \$23, wt. 504,000; (4) \$55,350, wt. 954,000; (5) \$7500, wt. 119,700; Combination and 2, \$390,000; ½%; fob Rankin, Pa. 1, 2, 3, 4 and 5, \$481,500.

Truscon Steel Co., Youngstown, Pa.: (1) \$174,762, wt. 4,946,460; (2) \$20,524.40, wt. 5,962,356; (3) \$24,296, wt. 504,000; (4) \$52,791, wt. 947,600; (5) \$5158, wt. 78,765; Comb. 1 and 368,193; ½%; fob Youngstown.

Erie Steel Const. Co., Erie, Pa.: (1) \$184,220, wt. 4,952,331; ½%; fob Erie.

Hunter Steel Co., Pittsburgh, Pa.: (1) \$199,400, wt. 4,902,000; (2) \$23,400, wt. 5,973,000; (3) \$23,000, wt. 502,500; (4) \$53,400, wt. 944,000; \$5960, wt. 132,000; Comb. 1 and 4 \$416,700; Comb. 1, 2 and 4, \$466,400; Comb. 1, 2, 3 and 4, \$487,400; n fob Neville Island, Pa.

Treadwell Const. Co., Midland, Pa.: (1) \$231,160, wt. 4,959,000; (2) \$24,208, wt. 5,978,880; (3) \$22,200, wt. 50,000; (4) \$62,000, wt. 952,000; net; fob Midland.

Northwest Bolt & Nut Co., Seattle, Wn.: (5) \$7257.14, wt. 129,300; 1%; fob Seattle.

Commercial Iron Works, Portland, Ore.: (1) \$232,800, wt. 5,000,000; (2) \$278,600, wt. 6,100,000; Comb. 1 and 2, \$504,785; net; fob Portland.

The Lamson & Sessions Co., Cleveland, Ohio: (5) \$6147.14, wt. 126,700; 1%; fob Chicago.

Beall Pipe & Tank Corp., Portland, Ore.: (1) \$219,420, wt. 4,949,600; (2) \$263,958, wt. 5,887,440; (3) \$27,600, wt. 504,070; (4) \$64,216, wt. 1,155,800; Comb. 1 and 2, \$475,900; net; fob Portland; (5) \$7318, wt. 130,300; 1% fob Seattle.

Warden-Allen Co., Milwaukee: \$169,487, wt. 5,000,000; (2) \$206,000, wt. 6,000,000; (3) \$20,497, wt. 505,000; \$64,425, wt. 953,000; (5) \$7330, wt. 120,000; ½%; fob Milwaukee.

Stupp Bros. Bridge & Iron Co., Louis, Mo.: (1) \$153,145, wt. 4,870,000; (2) \$186,946, wt. 5,907,000; fob St. Louis; (3) \$20,720, wt. 504,000; fob Chicago; ½%.

Koppers Co., Bartlett-Hayward Division, Baltimore: (1) \$190,000, wt. 4,900,000; (2) \$222,000, wt. 5,950,000; (3) \$25,000, wt. 506,000; (4) \$60,000, wt. 960,000; (5) \$8800, wt. 126,900; Comb. 1, 2, 3, 4 and 5, \$481,940; ½% fob Chicago.

Dravo Corp., Pittsburgh, Pa.: (\$189,000, wt. 4,910,000; (2) \$225,900, wt. 5,934,000; (3) \$24,950, wt. 502,000; (4) \$64,000, wt. 926,400; Comb. 1, 3 and 4, \$496,900; net; fob Neville Island.

Arthur J. O'Leary & Son, Chicago: (1) \$171,600, wt. 4,970,000; (2) \$21,400, wt. 6,011,000; (3) \$20,700, wt. 504,000; (5) \$6100, wt. 12,700; Comb. 1 and 2, \$386,975; fob Chicago; (\$560,600, wt. 924,000; fob Cincinnati) ½%.

The Ingalls Iron Works Co., Birmingham, Ala.: (1) \$173,000, wt. 4,950,000; (2) \$208,600, wt. 6,015,500; n fob Birmingham.

Duffin Iron Co., Chicago: (1) \$250,000, wt. 4,964,000; (2) \$308,000, wt. 6,012,000; (3) \$32,500, wt. 504,000; (\$73,600, wt. 960,000; (5) \$10,400, wt. 124,000; Comb. 1, 2, 3, 4 and 5, \$670,000; net; fob Odair, Wash.

Lakeside Bridge & Steel Co., Milwaukee: (1) \$177,150, wt. 4,909,000; (2) \$214,304, wt. 5,929,000; (3) \$27,

5, wt. 502,700; (4) \$55,070, wt. 955,900; net; fob Milwaukee; (5) \$7332, t. 129,000; fob Chicago.
 Mississippi Valley Struc. Steel Co., Elmore Park, Ill.: (1) \$173,000, wt. 995,000; (3) \$21,200, wt. 502,400; (5) 750, wt. 133,040; fob Melrose Park; (6) \$210,000, wt. 5,961,000; fob Saint Louis, Mo.; (4) \$88,300, wt. 956,500; fob Olathe, net.
 Consolidated Steel Corp., Los Angeles: (1) \$252,043, wt. 4,908,155; (2) 98,626, wt. 5,939,415; (3) \$30,979, wt. 2,250; (4) \$88,874, wt. 942,736; (5) 175, wt. 136,850; net; Los Angeles.
 The R. C. Mahon Co., Detroit: (1) 88,500, wt. 4,985,000; (2) \$226,900, 6,000,000; (3) \$25,000, wt. 504,000; (4) \$59,000, wt. 974,000; (5) \$5,000, wt. 8,000; Comb. 1, 2, 3, 4 and 5, \$487,900; net; fob Detroit. * 25

BIDS WANTED
REDDING, Cal.—Until March 30, p.m., bids will be received by the Department of Public Works, Division of Highways, G. E. Siebert, Superintendent of Equipment, Shop 2, Redding, for the sale of the following equipment:
 (1) CHC 4549 truck chassis, Chevrolet 1½-ton, 1933;
 (2) CHC 4613 truck chassis, Indiana 2-ton, 1933;
 (3) CHC 5748 Automobile, sedan, Buick Model 41, 1933;
 (4) CHC 417 grader, Austin Mammoth, Jr., LW SRT 8-ft. blade, no scarifier;
 (5) CHC 168 Plow, snow, North Star, No. 1201, reversible w/ hydraulic hoist operated from truck cab;
 (6) One pump, steam, Worthington, 6-inch by 4-inch by 6-inch.
 Equipment may be inspected at the Division of Highways Yards, Redding. * 25

BIDS OPENED
SANTA BARBARA CO., Calif.—Rock & Gravel Trucking Co., 4605 Centro Ave., Oakland, at (1a) \$2.60, (1b) \$1.80, (2) \$4.95, submitted w/ bid to the Dept. of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of (1) two 4-c.y. dump truck, (a) power loading, (b) hand loading; and (2) the ½-c.y. shovel for use in Santa Barbara County.
 Total bids follow:
 Rock & Gravel Trucking Co., 4605 Centro Ave., Oakland—(1a) \$2.60, (b) \$1.80, (2) \$4.95.
 *Chas. W. Beguhl, Millbrae—(1a) .90, (1b) \$2.40.
 *L. E. Sprague, Long Beach—(1a) .89, (1b) \$2.55.
 * Bid out of order. * 25

BIDS OPENED
SAN BERNARDINO, Calif.—Bids for power driven road grader opened by San Bernardino county purchasing agent with trade-in allowance on Allis-Chalmers tandem drive motor patrol, Bid 740, were:
 Smith Booth Usher (Galion Masser), \$5775; allow \$1575; 2%; 30 days; delivered out of stock.
 J. D. Adams Co. (Adams No. 51), \$3055; single drive, \$5408.50; allow \$850; delivery 18 days; disc. 2%, 30 days after trade-in allowance deducted.
 Freeland Tractor & Equipment Co. (Caterpillar 11), \$5380; scafier, \$274.70; single drive, \$1789; allowance \$2,900; disc. 2%, 30 days; delivery in 10 days.
 Brown-Bevis Equip. Co. (Austin Western), \$5,671.40; single drive, \$5,488; allowance, \$1750; delivery in 10 days; disc. 2% 10 days. * 25

CONTRACTS AWARDED
DENVER, Colo.—Contracts for radial gates and hoists, Spec. 1011-D, awarded by Bureau of Reclamation, Washington, D. C., are: Valley Iron Works, Yakima, Wash., gates and hoists for North Cottonwood wastewater and siphon, Heart Mtn. Canal, Shoshone Proj., Wyo.; at \$3779.04, disc. 5%; Olson Mfg. Co., Boise, gates and hoists for Boise Proj., \$17,494, f.o.b. Boise. * 25

BIDS OPENED
SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1 Drumm St., San Francisco, at \$9.35 per hour, submitted low bid to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 268-38-10, for the hire of one dragline excavator, convertible, 1½-c.y. capacity, gas or diesel powered, equipped with a boom not less than 50 feet long, with operator, for use at Fort Funston, San Francisco.
 Total bids follow:
 Healy-Tibbitts Construction Co., 1 Drumm St., San Francisco—\$9.35 per hour.
 W. E. Karstedt, San Jose—\$10.00.

29—STREETS AND HIGHWAYS

March 21, 1938

BIDS WANTED
PIMA AND MARICOPA COUNTIES, Ariz.—Until April 1, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix for grading, draining, aggregate base course and asphaltic surface treatment beginning about 5 miles north of Ajo and extending northerly about ¼ miles to Pima-Maricopa County line.
 Work involves:
 (1) 1,100 c.y. rdwy. excavation;
 (2) 4,000 c.y. drainage excavation;
 (3) 400 c.y. structural excavation;
 (4) 57,000 c.y. imported borrow, CIP
 (5) 12,000 tons of aggregate base course (CIP);
 (6) 2,300 M. gals. sprinkling;
 (7) 550 hours rolling;
 (8) 483 c.y. Class A concrete;
 (9) 68,000 lbs. reinforcing steel;
 (10) 390 l.f. CMP (two sizes);
 (11) 1,400 l.f. rail bank protection (type B);
 (12) 113,700 lbs. structural steel;
 (13) 908 l.f. furnishing and driving piles;
 (14) lump sum furnishing and driving test pile;
 (15) lump sum loading test pile;
 (16) 57,000 gals. road oil (SC-2);
 (17) 360 c.y. blotter material.

Plans and specifications may be obtained at the office of the Arizona Highway Department, Howard S. Reed, State Highway Engineer, 17th Avenue and Jackson St., Phoenix. * 29

LOW BIDDER
LIMA CO., Ariz.—Pearson & Dickerson, Box 471, Prescott, Ariz., at \$205,525, submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of Tucson-Nogales Highway, FA 86-A, 3rd rep. (1938), AFE 8990. The work, which begins about 8½ miles south of Tucson and extends southerly for 13½ miles, consists of grading, draining, aggregate base course and 90-95 road oil plant mix and is to be completed on or before April 15, 1939.
 The items are:
 (1) 43,900 c.y. rdwy. excav.;
 (2) 4,600 c.y. drainage excav.;
 (3) 2,800 c.y. struc. excav.;
 (4) 250 c.y. removal of old concrete;
 (5) 16,500 sta. yd. overhaul;
 (6) 2,900 c.y. yd. m. haul;
 (7) 181,900 c.y. imported borrow;
 (8) 43,300 tons agg. base course;
 (9) 9,000 M. gals. sprinkling;
 (10) 2,500 hours rolling;
 (11) 1,380 c.y. concrete;
 (12) 150,000 lbs. reinf. steel;
 (13) 1,986 ft. corr. metal pipe (four sizes);
 (14) 590 l.f. 12-in. plain conc. pipe;
 (15) 18,600 tons plant mix;
 (16) 970 tons road oil (90-95);
 (17) 370 tons cutback asph. (MC-2);
 (18) 13,649 miles place plant mix;
 (19) 2,300 tons screenings;
 (20) 4,600 sq. yds. placing inter-sections;
 (21) 500 tons stockpiling plant mix;
 (22) lump sum, removal of concrete bridges.
 Howard S. Reed, State Highway Engineer. * 29

BIDS WANTED
ALAMEDA COUNTY, California.—As previously reported, until April 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for constructing 3.3 miles of redwood curbs, installing a water supply line, widening shoulders, constructing parking areas and applying penetration oil treatment to east approach to the San Francisco-Oakland Bay Bridge between the Distribution Structure and University Ave., Alameda County.
 Work involves:
 (1) 1470 c.y. rdwy. excav., unclass. (parking areas and shoulders);
 (2) 3,000 tons imported base material (do);
 (3) 40 tons liquid asphalt SC-2 or SC-1A penetration oil treatment
 (4) 75 tons screenings in place penetration oil treatment;
 (5) 29,200 l.f. redwood curb, select all heart struc. grade complete in place;
 (6) 204 each 2x2x24 -inch redwood stakes, select all heart struc. grade complete in place;
 (7) 3,130 l.f. 3-in. galv. iron pipe complete in place;
 (8) 6,000 l.f. 2¼-in. do;
 (9) 4,840 l.f. 2-in. do;
 (10) 2,710 l.f. 1-in. do;
 (11) 2,140 l.f. 1-in. do;
 (12) 980 l.f. ¾-in. do;
 (13) 3 each, 3-in. brass hose gate valves complete in place;
 (14) 204 each ¾-in. hose bibs with ¾-in. risers complete in place;
 (15) 1 lot 3, 2½, 2, 1½ and 1-inch unions, complete in place;
 (16) 2 each 2-in. check valves complete in place.
 Plans and specifications may be obtained from the above office.
 Correction Item 15. * 29

LOW BIDDER
Graham County, Ariz.—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, at \$53,894 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of Safford-Bowle Junction Highway, FAS 115-C (1938) AFE 8126. The work, which extends from a point 8¼ miles south of Safford in a southerly direction for approximately 3½ miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before Aug. 31, 1938. * 29

NO BIDS RECEIVED
SAN FRANCISCO.—No bids were received by the San Francisco Department of Public Works, City Hall for the improvement of where-nots on Brewster St. between Costa St. and Faith St. and other locations. Estimated cost, \$3800.
 Bids will be readvertised shortly.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—C. Dudley DeVelbiss, 400 Perkins St., Oakland, at (1) \$0.43 and (2) \$0.005, submitted low bid and was awarded contract by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Hall of Records, Martinez, for 6900 lin. ft. regrading of Ignacio Valley Road, Supervisors District No. 3, Contra Costa County. Bids taken on: (1) grading, (2) overhaul.

Total bids follow: C. Dudley DeVelbiss, 4011 Perkins St., Oakland—(1) \$.43, (2) \$.005.

F. Granzotto, Walnut Creek—(1) \$.57½, (2) \$.01.

Ruddy & Murray, Modesto—(1) \$.63, (2) \$.01.

R. L. Benelli, Rio Nido—(1) \$.71, (2) 1/3 cent.

Roherts Island Dredging & Improvement Co., Antioch—(1) \$.78, (2) \$.02.

Lee J. Immel, Berkeley—(1) \$.98, (2) \$.01. 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. Furell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento April 6, 1938.

Following is a list of blue prints and prices:

I-Men-56-A,B,C,D,F—Betw. Henry Gulch and Westport Gulch. PLANS (No. of Sheets), 12; cost, \$1.20; CROSS-SECTIONS (No. of Sheets), 18; cost, \$4.80; total, \$6.00.

III-G-Feeder—Elk Creek Road. PLANS (No. of Sheets), 3; cost, \$0.30; CROSS-SECTIONS (No. of Sheets), NONE; total, \$0.30.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. 29

BIDS WANTED

INGLEWOOD, Calif.—Until March 29, 7:30 p.m., bids will be received by the Inglewood City Council for furnishing pre-mix paving material for use in the improvement of Crenshaw Blvd., between 81st St. and 8th Ave., approximately 1200 tons (medium mixtures). Specifications may be obtained at the office of Arthur W. Cory, city engineer. Certified or cashier's check, or cash deposit of bond, for 10%. Otto H. Duekelt, city clerk. 29

CONTRACT AWARDED

PIMA CO., Ariz.—Tanner Constr. Co., 801 Security Bldg., Phoenix, at \$56,204.15, awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading and placing crushed gravel surface course with bituminous treatment (light surface application) on 5.614 miles of highway, of which 0.019 mile is bridged over 20-ft. span, Federal Lands Highway, Route 5, Tucson-Ajo Highway, Papago Indian Reservation, Pima Co., Ariz. 29

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until April 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a curb dividing strip on about 2.6 miles between Agency Underpass and North San Jose Underpass, Santa Clara Co.

Work involves: (1) 1,730 c.y. excavation;

PIMA CO., ARIZ.—Highway Construction—(State)

PIMA COUNTY, Ariz.—Pearson & Dickerson, Contractors, Inc., Box 471 Prescott, at \$205,525.45 submitted the low bid to Arizona State Highway Commission, Phoenix, for construction of Tucson-Nogales Highway, FA 86-A, 3rd reop. (1938) AFE 890. The work, which begins about 8½ miles south of Tucson and extends south-erly for 13½ miles, consists of grad-ing, draining, aggregate base course and 90-95% road oil plant mix and is to be completed on or before Apr. 15, 1939. Work involves:

- (1) 42,899 c.y. rdwy. excav., unclass.
(2) 4,557 c.y. drainage do;
(3) 2,505 c.y. struc. do;
(4) 247 c.y. removal of old conc.;
(5) 16,481 sta. yd. overhaul;
(6) 2,937 c.y. ml. haul;
(7) 181,869 c.y. imported borrow, CIP
(8) 43,274 tons agg. base course, CIP
(9) 9,006 M. gals. sprinkling, CIP;
(10) 2,529 hours rolling;
(11) 1,210 c.y. Class A concrete (inc. cement);

- (12) 172 c.y. Class B do;
(13) 149,981 lbs. reinf. steel (bars) CIP;
(14) 50 ft. 18-in. CMP (CIP except excavation);

- (15) 922 ft. 24-in. CMP (do);
(16) 254 ft. 30-in. CMP (do);
(17) 430 ft. 36-in. CMP (do);
(18) 330 ft. 24-in. corr. metal siphon pipe (do);

- (19) 179 ft. resetting 24-inch CMP (CIP inc. all material & work);
(20) 171 ft. resetting 30-inch CMP (CIP inc. all material & work);

- (21) 28 feet resetting 36-inch CMP (CIP inc. all material & work);
(22) 2,062 ft. standard line fence, CIP;
(23) 4 ea. standard steel gates (type 1) CIP;

- (24) 385 ft. reconstruct fence, CIP;
(25) 34 each guide posts (CIP);

- (26) 54 each resetting guide post (CIP);
(27) 22 ea. R/W markers (type A) (CIP);

- (28) 590 ft. 12-in. plain concrete pipe (not under rdwy.) CIP;
(29) 18,554 tons plant mix (inc. haul)
(30) 970 tons road oil (90-95% plant mix and seal coat) CIP;

- (31) 353 tons cutback asph. (MC—(for prime coat) CIP on road
(32) 13,649 miles placing plant mix
(33) 2,276 tons screenings (CIP on road);

- (34) 4,568 sq. yds. placing interse-tions;
(35) 1-lump sum—special irriga-tion standpipe (CIP) sta. 716 plus 10;
(36) 1-lump sum—removal of con-crete bridges (sta. 383 plus 10 and sta. 391 plus 70;

- (37) 500 tons stockpiling plant mix (CIP except cementing agent)
(38) 20 tons cutback asph. (MC— for stockpiled plant mix (CIP— Howard S. Reed, State Highw-ay Engineer.

Total bids follow: (A) Pearson & Dickerson Contractors, Inc., \$205,525.45.

(B) Warren Southwest, Inc., Los Angeles, \$206,448.49.

(C) J. A. Casson, Phoenix, \$214,794.26.

(D) Tanner Const. Co., Phoenix, \$218,401.21.

(E) Lee Moor Contr. Co., El Paso, \$216,737.69.

(F) Oswald Bros., Los Angeles, \$218,354.73.

(G) Skousen Bros., Albuquerque, N.M., \$231,041.78.

(H) W. E. Hall Co., Phoenix, \$246,665.66.

(I) G. W. Ellis, North Hollywood, Cal., \$245,047.43.

Unit bids were:

Table with 10 columns (A) through (H) and 10 rows of unit bid prices for various materials and quantities.

- (2) 1,600 c.y. Class B Portland ce-ment concrete;
(3) 720 lbs. bar reinf. steel;
(4) 210 each curb dowels;
(5) 7.2 tons liquid asphalt, SC-2.

Plans and specifications may be obtained from the above office. 29

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Oswald Bros., 366 E. 58th St., L. Angeles, at \$16,670.45, awarded con-tract by San Bernardino City Coun-cil for widening and improving "T" St., between 3rd and 5th Sts. R. J. Watton, low bidder, withdrew bid.

BIDS WANTED

KERN COUNTY, Cal.—Until April 13, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and placing plant-mix surfacing on about 8.3 miles between southerly boundary and five miles north of Rosamond, Kern Co.

- Work involves:
- (1) 830 M. gals. water;
 - (2) 17 c.y. remove concrete;
 - (3) 8,070 c.y. salvaged surf. base;
 - (4) 6,620 c.y. rdwy. excav., unclass.;
 - (5) 7,720 c.y. ditch and channel excavation;
 - (6) 150 c.y. struc. excav.;
 - (7) 21,200 c.y. imported borrow;
 - (8) 440 sta. finishing rdwy.;
 - (9) 110,000 sq. yds. asphaltic plant binder;
 - (10) 17,800 tons mineral aggregate plant mix surf.;
 - (11) 1,060 tons liquid asph. ROMC-3, 4, or 5 (plant-mix surf.);
 - (12) 10 c.y. Class A portland cement concrete struc.;
 - (13) 280 lbs. bar reinf. steel;
 - (14) 54 lf. 18-in. CMP;
 - (15) 108 lf. 24-in. CMP;
 - (16) 98 each culvert markers.

Plans and specifications may be obtained from the above office.

29

CONTRACT AWARDED

TULARE COUNTY, Calif.—N. M. Ball Sons, 852 Carmel St., Albany, at \$33,233 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on a crusher-run base and road-mix surface treatment applied to the shoulders on about 0.9 mile between Morton St. and Mulberry St., City of Porterville, Tulare Co.

29

RECOMMENDED FOR AWARD

APACHE COUNTY, Ariz.—Fisher Contracting Co., 516 S. 7th Street, Phoenix, at \$9,786.75 was recommended for award by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for placing a bituminous treatment on 4.840 miles of Section C of Route No. 1, Petrified Forest National Monument in Apache County, Ariz.

29

RECOMMENDED FOR AWARD

CLARKE COUNTY, Nevada.—The Utah Construction Co., Ogden, Utah (1 Montgomery St., San Francisco) at \$141,709.20 was recommended for award by the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading and constructing a bituminous treated surfacing (Class B) on 3.966 miles, Section A of Route 1, Overton-Lake Mead, the Boulder Dam Recreational Area, Clark County, Nev.

29

BIDS OPENED

HICKAM FIELD, T. H. — Moses Akiona, Honolulu, at \$211,000, submitted low bid to Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-38-23, for the construction and completion of Sections "B" and "C" of the landing mat, Hickam Field, T. H. Second and third low bids on the main proposal received at Hickam Field were: Hawaiian Contr. Co., Honolulu, \$226,138, and E. E. Black, Ltd., Honolulu, \$281,480.

Two bids were received by the Constructing Quartermaster at Fort Mason, San Francisco. On the main proposal they were: Tucker - McClure, Balboa, Canal Zone, \$228,200, and J. E. Haddock, Ltd., Pasadena, \$275,000.

(1) lump sum for the construction and completion of Sections "B" and "C" of landing mat, includ-

ing all excavating, filling and grading and the construction of compacted base, finish paving, drainage lines, electric duct, etc.;

(2) Alt. 1: Add or deduct if 4-inch bituminous macadam pave., penetration method, using emulsified asph. is applied to the surfaces of Sections B and C of landing mat in lieu of 4-in. bituminous macadam pavement using hot asphalt;

(3) Alt. 2: Add if a 300-ft. wide extension to Mat A is constructed to length shown on drawings, paved with 4-in. thick bituminous macadam pavement using hot asphalt and drainage lines, etc.;

(4) Alt. 2A: Add if the 300-ft. wide extension to Mat A is constructed under Alt. No. 2 and a 4-in. thick bituminous macadam pavement, penetration method, using (Continued on Next Page)

GRAHAM CO., ARIZ.—Highway Construction—(State)

GRAHAM CO., Ariz.—Pearson & Dickerson Contrs., Inc., Box 471, Prescott, at \$53,893.83, submitted the low bid to Arizona State Highway Commission, Phoenix, Ariz., for construction of Safford-Bowie Junction Highway, FAS 115-C (1938), AFE \$126. The work, which extends from a point 8¼ miles south of Safford in a southerly direction for approximately 3½ miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before August 31, 1938.

Work involves:

- (1) 23,214 c.y. roadway excav., uncl.;
- (2) 6,150 c.y. drainage excav., uncl.;
- (3) 551 c.y. struc. excav., uncl.;
- (4) 28,646 sta. yds. overhaul;
- (5) 6,002 c.y. m. haul;
- (6) 26,759 c.y. imported borrow (CIP);
- (7) 5,693 tons aggregate base course (CIP);
- (8) 1,891 M. gals. sprinkling (CIP);
- (9) 486 hrs. rolling;
- (10) 286 c.y. class A conc. (Including cement);
- (11) 227 c.y. class D concrete (Incl. cement);
- (12) 23,633 lbs. reinf. steel (bars), struc. or inter. gr. (CIP);
- (13) 87,310 lbs. reinf. steel (bars), inter. gr. (CIP);
- (14) 5,905 lb. struc. steel (CIP);
- (15) 234 lf. 18-in. CMP (CIP except excavation);
- (16) 397 lf. 24-in. CMP (CIP except excavation);
- (17) 50 lf. 36-in. CMP (CIP except excavation);
- (18) 103 lf. resetting 24-in. CMP (CIP incl. all mat. and work);
- (19) 1 each, cattle guard (sideroad) (3 units) (CIP except concrete and excavation);

- (20) 36,020 lf. standard line fence (CIP);
- (21) 7 each, standard steel gates, Type 1 (CIP);
- (22) 24 each, R/W markers, Type A (CIP);
- (23) 62 each, gulde posts (CIP);
- (24) 164 tons cutback asphalt, MC-2 (for A S T) (CIP);
- (25) 2 tons cutback asphalt, MC-4 (for oil mix and seal coat);
- (26) 293 c.y. blotter material (CIP) (for A S T);
- (27) 840 lf. furnishing and driving piles (CIP);
- (28) 1 lump sum, furnishing and driving test pile (CIP);
- (29) 1 lump sum, loading test pile;
- (30) 396 sq. yds. furnishing and placing oil mix (CIP except cementing agent);
- (31) 225 lf. rail bank protection, type A (CIP);
- (32) 1 lump sum, removal of timber bridge (Station 1046 plus 24);
- (33) 200 c.y. stockpiling blotter material (CIP in stockpile).

Howard S. Reed, State Highway Engineer.

Total bids follow:

- (A) Pearson & Dickerson Contrs., Inc., Box 471, Prescott—\$53,893.83.
- (B) Martin Constr. Co., Tucson — \$56,472.88.
- (C) Warren Southwest, Inc. — \$56,021.02.
- (D) Tiffany Contr. Co., Phoenix — \$57,002.78.
- (E) Fisher Constr. Co., Phoenix — \$59,407.77.
- (F) Phoenix-Tempe Stone Co., Phoenix — \$59,740.14.
- (G) Lee Moor Contr. Co., El Paso — \$62,420.41.
- (H) W. E. Orr, Phoenix—\$65,175.69.
- (I) H. J. Hagen, Globe—\$66,220.93.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 0.20	\$ 0.30	\$ 0.30	\$ 0.30	\$ 0.30	\$ 0.23	\$ 0.35	\$ 0.34	\$ 0.40
(2).....	.20	.25	.28	.28	.30	.32	.35	.50	.30
(3).....	.80	1.00	.90	1.00	.80	1.10	1.00	1.00	1.00
(4).....	.01	.02	.03	.02	.02	.025	.02	.02	.02
(5).....	.22	.20	.16	.30	.20	.19	.30	.30	.30
(6).....	.31	.28	.30	.26	.33	.26	.42	.35	.45
(7).....	.57	.60	.55	.72	.60	.74	.70	.65	.55
(8).....	1.85	1.25	1.25	1.50	1.50	1.30	1.50	1.25	2.50
(9).....	3.00	2.50	4.00	3.00	3.00	3.25	3.00	3.00	3.00
(10).....	18.50	19.00	19.00	20.00	22.00	24.00	20.00	22.00	20.00
(11).....	18.50	19.00	21.50	22.00	22.00	24.00	20.00	25.00	22.00
(12).....	.05	.06	.05	.05	.055	.06	.05	.05	.05
(13).....	.05	.06	.05	.05	.055	.06	.05	.05	.05
(14).....	.15	.12	1.25	1.10	.10	.13	.12	.10	.12
(15).....	1.85	2.25	1.75	1.90	1.90	2.00	1.75	2.20	2.00
(16).....	2.50	2.75	2.50	2.80	2.90	3.00	2.60	3.25	3.00
(17).....	5.00	6.00	5.00	5.00	5.25	5.75	5.25	6.00	5.00
(18).....	1.85	1.00	1.20	.60	1.00	.65	1.00	1.50	1.00
(19).....	500.00	450.00	375.00	325.00	425.00	375.00	325.00	400.00	400.00
(20).....	.07	.07	.06	.07	.06	.08	.06	.07	.07
(21).....	21.50	20.00	25.00	15.00	25.00	20.00	20.00	25.00	20.00
(22).....	2.50	2.00	2.75	2.00	3.00	2.50	2.50	3.00	3.00
(23).....	1.85	2.00	2.50	2.00	3.00	2.50	2.25	3.00	2.50
(24).....	25.00	25.00	26.00	24.50	26.00	30.00	27.00	29.00	27.00
(25).....	55.00	50.00	75.00	50.00	35.00	65.00	65.00	29.00	70.00
(26).....	1.85	1.00	.70	.60	1.25	1.30	1.50	2.50	2.00
(27).....	4.30	4.50	4.75	4.50	4.50	5.00	4.25	5.25	4.00
(28).....	125.00	200.00	100.00	150.00	200.00	250.00	125.00	250.00	150.00
(29).....	125.00	100.00	110.00	100.00	200.00	160.00	100.00	100.00	200.00
(30).....	50	25	50	2.50	1.00	.80	.75	1.50	50
(31).....	3.40	3.00	2.50	4.00	4.50	3.00	3.75	3.50	3.00
(32).....	65.00	50.00	75.00	60.00	100.00	35.00	150.00	250.00	50.00
(33).....	1.25	1.00	.70	.80	1.00	1.00	1.00	1.50	1.50

emulsified asphalt is applied in lieu of a 4-in. thick bituminous macadam pavement, using hot asphalt;

- (5) Alt. 3A: Add if a 400-ft. wide extension to Mat A is constructed to length shown on drawings, together with all drainage lines, etc., and paved with a 4-in. thick bituminous macadam pave. using hot asphalt;
- (6) Alt. 3A: Add if the 400-ft. wide extension to Mat A is constructed under Alt. 3 and 4-in. thick bituminous macadam pave. penetration method, using emulsified asphalt is applied in lieu of bituminous macadam pave. using hot asphalt;
- (7) Alt. 4: Add if a 500-ft. wide extension to Mat A is constructed to length shown on drawings, together with all drainage lines, etc., and paved with a 4-in. thick bituminous macadam pave. using hot asphalt;
- (8) Alt. 4A: Add if the 500-ft. wide extension to Mat A is constructed under Alt. 4, and a 4-in. thick bituminous macadam pave. penetration method, using emulsified asphalt is applied in lieu of bituminous macadam pave. using hot asphalt;
- (9) Alt. 5: Add if an 800-ft. wide extension to Mat A is constructed to the length shown on drawings, together with all drainage lines, etc., and paved with 4-in. bituminous macadam pavement, using hot asphalt;
- (10) Alt. 5A: Add if the 800-ft. wide extension to Mat A is constructed under Alt. 5, and a 4-in. bituminous macadam pave. penetration method, using emulsified asphalt is applied in lieu of the bituminous macadam pavement, using hot asphalt.

(11) unit prices:

(a) excavation, general, unclassified, per c.y.

(b) compacted fill, per c.y.;

(c) coral base course (graded and compacted, 4-in. thick) per sq. yd.;

(d) finish pavement (4-in. thick, bituminous macadam, using hot asphalt) per sq. yd.;

(e) finish pavement (4-in. thick bituminous macadam, penetration method using emulsified asphalt) per sq. yd.;

(f) overhaul (beyond stated haul), per sta. c.y.;

(g) concrete (type A, inc. forms), per c.y.;

(h) concrete (type B, inc. forms), per c.y.;

(i) 18-inch concrete pipe (in place), per lf.;

(j) 15-in. concrete pipe (in place), per lf.;

(k) 1½-in. galv. iron pipe (in pl.), per lf.;

(l) 1-way electric duct, per lf.;

(m) 2-way electric duct, per lf.;

(n) 3-way electric duct, per lf.;

(o) 4-way electric duct, per lf.;

(p) night lighting M.H., each;

(q) brick drainage M.H., each;

(r) concrete drainage M.H., each;

(s) manhole castings, per lb.;

(t) reinforcing steel, per ton;

(u) header boards (3x4-in.) per lf.

Following are complete bids received at Fort Mason:

(A) Tucker-McClure, Balboa, C. Z.
(B) J. E. Haddock, Ltd., Pasadena.

(A)

(1).....

(2).....

(3).....

(4).....

(5).....

(6).....

(7).....

(8).....

(9).....

(10).....

(11).....

(12).....

(13).....

(14).....

(15).....

(16).....

(17).....

(18).....

(19).....

(10)..... +141,000.00 +216,000.00

(11) (a) .25 .35

(b) .08 .06

(c) .05 .06

(d) .52 1.75

(e) .79 1.00

(f) .002 .003

(g) 20.00 15.00

(h) 22.00 25.00

(i) 2.00 2.65

(j) 1.65 2.60

(k) .50 .40

(l) .65 .90

(m) 1.03 1.40

(n) 1.45 1.15

(o) 1.65 2.30

(p) 77.00 75.00

(q) 80.00 60.00

(r) 80.00 80.00

(s) .10 .10

(t) 90.00 110.00

(u) .04 .10

(A) Begin in 30 days; complete in 190

(B) Begin in 30 days; complete in 250

Complete bids with alternates from Hickam Field are as yet not available. * 29

30—RESERVOIRS & DAMS

PROJECT AWARDED

PORTLAND, Ore.—Chief of Army Engineers has recommended the construction of system of reservoirs and channel improvements on the Willamette River, Oregon. Estimated cost \$43,430,000. Recommendation contingent on local interests furnishing free of charge to U. S. all lands, easements, rights of way and security from damages incident to construction. Estimated cost of later \$18,645,000. *

PROSPECTIVE BIDDER

VANCOUVER, Wash.—Steelform Contracting Co., 666 Harrison St., San Francisco, has taken out plans and specifications for the construction of concrete reservoir of 4,000,000 gals. capacity, for which bids will be opened March 24, 7:30 p.m., by the Vancouver City Clerk, Charles A. McDonah. *

BIDS WANTED

POLK CO., Ore.—Until April 15, 3 p.m., bids will be received by the U. S. Engineer Office, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-477, for bank clearing, bank sloping, gravel filling and gravel excavation in connection therewith, and the construction of approximately 2900 feet of rock riprap revetment, located in the Eola Bend District Improvement Company, Polk County, Oregon.

Work involves:

- (1) 2 acres bank clearing;
- (2) 2600 c.y. bank sloping;
- (3) 9600 c.y. gravel excavation;
- (4) 7000 c.y. gravel fill;
- (5) 15,000 c.y. rock riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. *

LOW BIDDER

CLATSOP COUNTY, Ore.—Tacoma Dredging Co., Tacoma, Wash., at \$63,900, submitted low bid to the U. S. Engineer Office, 628 Pittcock Blk., Portland, under Bid No. 698-38-466, for strengthening and rebuilding approximately 33,310 lf. of existing levee and the construction of approximately 1484 lin. ft. of new levee, situated on Tenasilika Island, Diking District No. 6, Clatsop Co., Oregon. *

BIDS WANTED

SEATTLE, Wash.—Until April 8, 3 p.m., bids will be received by the U. S. Engineer, Seattle, for construction of brush and rock dike connecting McGlinn's Island and Goat

Island in Skagit Bay, Wash., near southern entrance to Swinomish Slough; Circ. Prop. 176. *

31—PIPE LINES & WELLS

BIDS WANTED

BONNEVILLE, Ore.—Until March 19, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-268, for drilling and casing a well for domestic water supply on Bradford Island, Bonneville. Work involves: 150 lf. drilling with well drill, furnishing and setting not less than 8-inch ID casing.

Plans and specifications may be obtained from the above office. *

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Western Pump Co., Ltd., P. O. Box 47, San Jose, at \$720.00, submitted low bid and was recommended for award by the Public Works Officer, 12th Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8697, for inspection and repairs to pump and well at the Naval Air Station, Alameda. Total bids follow:

Western Pump Co., Ltd., P. O. Box 47, San Jose\$720.00

Scott McHy Co., San Francisco 787.00

Cory & Joslin, Inc., S. F.1026.00

31

CONTRACT AWARDED

NEWHALL, Los Angeles Co., Cal.—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, has been awarded the contract by the Union Oil Co. to construct a 4-inch steel pipe line, approximately 27,000 ft., from tanks on Rancho San Francisco to General Petroleum Corp.'s Newhall pump station. The bid was 14c ft. installing line, including transporting pipe at Saugus to trucks; hauling and stringing; \$3.50 per ton hauling from Santa Fe Springs and stringing; 12c ft. hand ditch and backfill; 6c ft. machine ditch and backfill; 12c ft. wrapping. *

32—SEWERS & SEWAGE DISPOSAL PLANTS

LOW BIDDER

PORTERVILLE, Tulare Co., Cal.—Don S. Joint, at \$5,455.67 submitted low bid to the Porterville City Clerk, W. R. Means, City Clerk, Porterville, for the construction of vitrified clay pipe sanitary sewers, together with appurtenances and appurtenant work, manholes, frames and covers and Y branches in Sunny-side Ave. and other streets and right of way, Sunnyside Sewer District. *

32

TENTATIVELY AWARDED

PETALUMA, Sonoma Co., Cal.—Oakland Sewer Constr. Co., 9915 Walnut St., Oakland, at \$78,391.45, was tentatively awarded the contract awaiting PWA approval by the Petaluma City Council, City Hall, Petaluma, for the construction of Unit "C" of the Municipal Sewage Disposal Plant, Petaluma. *

BIDS WANTED

CHOWCHILLA, Madera Co., Cal.—Until Mar. 30, 10:30 a.m., bids will be received by the Chowchilla City Council, City Clerk, City Hall, Chowchilla, for the construction of a disposal plant and force main in the City of Chowchilla.

Plans and specifications may be obtained from the above office upon deposit of \$20. *

CONTRACT AWARDED

SAN MATEO, Cal.—H. E. Conner, 1222 Whipple Ave., Redwood City, at \$1177, submitted low bid and was awarded contract by the San Mateo City Council, City Clerk, City Hall, for the construction of sanitary sewers in Bell St., 38-1, San Mateo.

Work involves:

- (1) 995 lin. ft. 6-in. vit. clay pipe;
- (2) 31 6 x 4 wye branches;
- (3) 5 manholes.

Total bids follow:

- (A) H. E. Conner, 1222 Whipple Ave., Redwood City—\$1,177.00.
- (B) W. J. Tobin, Oakland—\$1,405.40.
- (C) Earl W. Heple, San Jose—\$1,469.75.
- (D) Louis Angelus, Alameda — \$1,494.60.
- (E) R. J. Brant, Menlo Park—\$1,600.
- (F) M. J. McGuire and M. Hester, Oakland—\$1,611.50.
- (G) O. G. Ritchie, San Jose—\$1,675.25.
- (H) O. G. Carter—\$1,824.
- (I) Underground Construction Co., Berkeley—\$2,123.
- (J) The Lowry Paving Co., Inc., San Francisco—\$2,733.

Unit prices follow:

	(1)	(2)	(3)
(A).....	\$ 0.80	\$ 1.00	\$70.00
(B).....	1.02	.40	75.00
(C).....	1.11	1.30	65.00
(D).....	1.00	1.60	90.00
(E).....	1.20	1.00	75.00
(F).....	1.10	1.00	77.50
(G).....	1.15	1.00	100.00
(H).....	1.40	1.00	80.00
(I).....	1.60	1.00	100.00
(J).....	2.00	3.00	130.00

33— WATER WORKS

BIDS WANTED

PENDLETON, Ore.—Until Mar. 29, 10 A. M., bids will be received by the City Water Superintendent, J. L. Vaughan, for the construction of water line and pump house to supply Pendleton municipal airport with city water.

Plans and specifications may be obtained from the above office.

34— PARKS AND PLAY-GROUNDS

BONDS DEFEATED

SAN CARLOS, San Mateo Co., Cal.—The Town of San Carlos defeated bond issue in the amount of \$3,300, March 16. Proceeds were to have financed construction of a park and playground in San Carlos. * 34

CONTRACT AWARDED

SEBASTOPOLE, Sonoma Co., Cal.—Sebastopol Nursery Co., 220 N. Main St., at \$543, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Sebastopol. 34

BID OPENED

FLAGSTAFF, Ariz.—W. E. Rowe, Albertsville, Ala., at \$490, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office, at Flagstaff, Ariz.

35— TUNNELS

BIDS WANTED

SELAH, Yakima Co., Wash. — As previously reported, until March 28, 10 a. m., bids will be received by the Naches-Selah Irrigation District, M. A. Gore, Secretary, Selah, for the completion of two tunnels, concrete tunnel lining, wide stave and concrete flumes with miscellaneous items.

Work involves:

- (1) 25 MFEBM replacing old timbers and backfilling in old tunnels;
- (2) 10 MFEBM partial timbering, lagging and backfilling in old tunnels;
- (3) 1400 feet trimming old tunnels to neat lines;
- (4) 130 c.y. dry rubble masonry or backfill;
- (5) 250 feet new tunneling;
- (6) 60 MFEBM new timbers and lagging;

Total bids follow:

- (A) Palo Alto Road Materials Co., 465 California Ave., Palo Alto—\$19,947.93.

- (7) 1700 c.y. concrete tunnel lining;
 - (8) 303 c.y. extra concrete;
 - (9) 50 c.y. portland excav;
 - (10) 100 c.y. struc. excav;
 - (11) 13,000 lbs. reinf. steel;
 - (12) 130 c.y. concrete flume, transitions, piers and portals;
 - (13) 100 c.y. dry riprap;
 - (14) 11 MFEBM timber trestle for wood stave flume (treated);
 - (15) 175 feet of wood stave flume (treated);
 - (16) Removing and replacing 8-ft. diameter wood stave flume;
 - (17) 80 feet of 24-in. culvert pipe;
 - (18) 1000 c.y. excav. for relocation of wood stave flume; Order of alignment;
 - (19) Remove and replace 500 ft. of 8-ft. stave flume;
 - (20) Tunnel No. 7: finish excavation, trim concrete lining, 2030 feet;
 - (21) 217 feet concrete transitions 9-ft. wood stave flume;
 - (22) 1077 feet of tunnel No. 8, finish excavation, trim, concrete lining;
 - (23) 107 feet RF concrete flume.
- Plans and specifications may be obtained from the above office upon deposit of \$15. * 35

ALAMEDA COUNTY PERMITS UNDER \$1000

- SIGN, electric, \$100; 5979 Shattuck Ave., Oakland; owner, C. Kinsey, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, electric, \$400; 400 12th Street, Oakland; owner, Coney Island Red Hots, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- ALTERATIONS, \$95; 4508 Linden St., Oakland; owner and contractor, Mary Passero, Prem.
- ALTERATIONS, \$70; 5718 Agala Ave., Oakland; owner and contractor, Thos. G. Michaels, Bank of America Bldg.
- ADD to garage, \$100; 5362 Princeton St., Oakland; owner and contractor, John W. Stokes, Prem.

NAPA COUNTY—Widening Bridges—(State)

NAPA CO., Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at \$19,947.93, submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for widening 3 bridges, one across Dry Creek, one across Sale Slough Overflow and one across Bale Slough between 6 and 15 miles north of Napa.

Work involves:

- (1) 175 c.y. stone masonry and concrete pavement to be removed;
- (2) 780 c.y. struc. excav.;
- (3) 250 c.y. channel excav.;
- (4) 350 c.y. imported borrow;
- (5) 450 sq. yds. preparing subgrade;
- (6) 1 ton liquid asphalt, SC-2 (prime coat);

- (7) 6.5 tons do road-mix surf. treatment;
- (8) 510 sq. yds. preparing mix and shaping shoulders;
- (9) 90 c.y. Class A Portland cement concrete pavement;
- (10) 360 c.y. Class A Portland cement conc. struc.;
- (11) 16 c.y. Class A Portland cement conc. railing;
- (12) 44,000 lbs. bar reinf. steel;
- (13) 53,500 lbs. struc. steel;
- (14) 25 lbs. cast steel;
- (15) 17 c.y. rubble masonry;
- (16) 1 lot misc. items of work.

Total bids follow:

- (A) Palo Alto Road Materials Co., 465 California Ave., Palo Alto—\$19,947.93.

- (B) M. J. Lynch, San Francisco—\$20,359.50.
- (C) Claude C. Wood, Stockton—\$20,942.00.
- (D) Carl N. Swenson Co., San Jose—\$21,950.50.
- (E) Brown & Lambrett, Mill Valley—\$21,980.05.
- (F) C. W. Caletti & Co., San Rafael—\$23,360.00.
- (G) Peter J. McHugh, San Francisco—\$24,059.00.
- (H) Pacific States Constr. Co., San Francisco—\$24,339.50.
- (I) Rock & Gravel Trucking Co., Oakland—\$24,402.50.
- (J) C. C. W. & H. H. Haun, San Francisco—\$26,412.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$ 2.50	\$ 6.00	\$ 5.00	\$ 6.00	\$ 2.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 2.00	\$ 7.00
(2).....	2.50	2.00	1.50	2.00	2.10	3.00	3.00	3.00	1.50	5.00
(3).....	1.25	1.25	1.00	1.10	1.70	1.00	.90	1.00	1.75	1.40
(4).....	1.62	1.25	1.00	1.25	1.90	1.00	.85	1.20	1.00	1.80
(5).....	.125	.12	.20	.15	.90	.20	.25	.15	.70	.10
(6).....	25.00	20.00	30.00	20.00	21.00	30.00	50.00	20.00	20.00	20.00
(7).....	25.00	20.00	20.00	22.00	21.00	20.00	30.00	19.00	20.00	20.00
(8).....	.50	.10	.20	.20	.33	.15	.25	.15	.50	.10
(9).....	11.75	11.50	12.50	12.10	18.00	16.00	18.00	13.50	27.50	14.00
(10).....	20.30	19.50	21.50	21.00	23.40	22.00	25.00	28.00	24.00	25.00
(11).....	35.00	60.00	55.00	50.00	36.00	75.00	70.00	63.00	90.00	90.00
(12).....	.0517	.06	.06	.066	.06	.09	.06	.065	.06	.0525
(13).....	.084	.072	.09	.085	.07	.065	.09	.08	10	.08
(14).....	.375	.30	.20	1.00	.55	.40	.50	.20	1.00	.60
(15).....	5.50	10.00	10.00	10.00	16.00	18.00	12.00	12.00	15.00	8.00
(16).....	310.00	1000.00	600.00	1000.00	789.00	1000.00	500.00	650.00	350.00	1500.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

EUREKA.—Until March 28, 1:15 p.m., bids will be received by the State Division of Highways, E. R. Green, Acting District Engineer, 546 West Wabash Ave., Eureka, for the rental of one 50-hp. tractor with angledozer, for not more than 250 hrs., to be used chiefly on the Ukiah-Tahoe Highway in Lake County. Specifications obtainable from the above office.

BISHOP, Calif.—Until March 29, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Reg. No. 2945, Quo. No. 50639, for one 12-foot, pneumatic-tired, dual-drive motorgrader with scarifier; f.o.b. Bishop, Calif.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until March 31, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-233, for furnishing heart structural gade redwood, and common douglas fir; for Rio Vista.

LOS ANGELES.—Until March 24, 3 p.m., bids will be received by the U. S. Engineer, Los Angeles, for equipment parts, list price less discount, Circ. Prop. 378. The items are:

- (1) \$6000 list price of American Gopher shovel and crane parts;
- (2) \$6000 list price of Osgood shovel and crane parts;
- (3) \$2000 list price Lima dragline parts;
- (4) \$6000 P & H shovel and dragline parts;
- (5) \$3000 Bay City dragline, shovel and crane parts;
- (6) \$4000 Bucyrus-Erie shovel and loadmaster parts;
- (7) \$5000 Ransome paver mixer parts
- (8) \$10,000 Caterpillar tractor and engine parts.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until March 28, 2 P. M., bids will be received by the Los Angeles Water & Power Purchasing Agent for: one motor driven pumping unit, 13,500-g.p.m. at 14.5 ft. net operating head, 480-volt, 3-phase, 60-cycle; Spec. 2568.

LOS ANGELES, Cal.—Until April 8, 10 A. M., bids will be received by Los Angeles Water & Power Purchasing Agent for renewal parts for Westinghouse oil circuit breakers; Spec. 2565, as follows:

- (a) 2 sets for 2000-amp., 7500-volt, 3-pole, type B13, style 92-D-63;
- (b) 4 sets do, style 65-D-196;
- (c) 2 sets do, style 70-B-865.

LOS ANGELES, Cal.—Until March 31, 10 a.m., bids will be received by Los Angeles Water & Power Purchasing Agent for: 5000 ft. No. 14, single conductor, solid performite rubber insulated wire, No. 9559.

LOS ANGELES, Cal.—Until March 31, 10 a.m., bids will be received by Los Angeles Water & Power Purchasing Agent for: copper service

tubing, Spec. 2578, as follows:

- (1) 10,000 ft. ½-inch tubing;
- (2) 75,000 ft. ¾-inch tubing;
- (3) 40,000 ft. 1-inch tubing;
- (4) 2,500 ft. 1½-in. tubing;
- (5) 2,500 ft. 2-inch tubing.

WAR DEPARTMENT

FORT MASON, Cal.—Until March 30, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-266, for furnishing motor fuel oil. Alternate "A," f.o.b. Fort Mason; Alternate "B," f.o.b. Brooklyn, N. Y.

FORT MASON, Cal.—Until March 29, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-264, for furnishing copper-nickel alloy, welding rods and lumber; f.o.b. Fort Mason.

SACRAMENTO, Cal.—Bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

March 29, 3 P. M.
 BID NO. 1105-38-237—Nails, bolts, nuts, washers; f.o.b. Rio Vista, Cal.

March 31, 3:00 P. M.
 BID NO. 1105-38-235—Files, wood rasps, handles, cotter pins, taps, reamers, brass, rivets, steel and pipe; f.o.b. Rio Vista, Cal.

SACRAMENTO.—Until March 29, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-233, for furnishing gasoline and Class D lubricating oil, to be delivered at government cars at service stations at various points throughout Northern California during April, May and June, 1938. Specifications obtainable from the above office.

FORT MASON, San Francisco.—Until March 31, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-267-Misc., for furnishing pendulum wall clocks, liquid metal polish, toilet soap, technical trisodium phosphate, and mispant and enamel. Specifications obtainable from above office.

SACRAMENTO, Cal.—Until March 29, 3 p.m., bids will be received by the U. S. Engineer Office, L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-233, for furnishing gasoline and Class D lubricating oil, to be delivered at government cars at service stations at various points throughout Northern California during April, May and June, 1938. Specifications obtainable from the above office.

FORT MASON, Calif.—Until Apr. 4, 11 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-277, for furnishing 75 feet of

rubber tubing, 75 gals. alcohol, and 90 lbs. methyl chloride; f.o.b. Fort Mason.

FORT MASON, Cal.—Until April 4, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-273, for furnishing miscellaneous parts for Dodge trucks; f.o.b. Motor Warehouse 6, Presidio, San Francisco.

FORT McDOWELL, Calif.—Until April 2, 10:30 a.m., bids will be received by the Purchasing and Contracting Officer, Fort McDowell, under Bid No. 536-38-20, for Oregon Pine lumber, white lead, turpentine, nails, asphalt emulsion, Portland cement, steel culverts, structural tile, shovels, picks and pavement breaker gads; f.o.b. shipping point and/or Dock No. 1, Fort Mason, Cal.

FORT McDOWELL, Calif.—Until March 31, 10:30 A. M., bids will be received by the Purchasing and Contracting Officer, Fort McDowell, under Bid No. 536-38-21, for radiator valves, bushings, thermostatic traps, seamless steel pipe, tees, Y branches, caps and flanges; fob Dock No. 1, Fort Mason, San Francisco.

CANAL ZONE

PANAMA CANAL.—Until April 6, 10:30 a.m., bids will be received by the General Purchasing Officer, Panama Canal, Washington, D. C., under Sched. No. 3342, for furnishing: Copper Wire Cloth, Poultry Netting, Blacksmith's Drills, Platform Scales, Boiler-feed Pumps, Shackles, Turbuckles, Bell Chain, Ash Oars, Tender Hose, Gauges, Gas Regulators, Glass, Asbestos Gaskets, Asbestos Cloth, Packing, Abrasive Cloth, Garnet Paper, Paint, Fets, Deuber Brushes, Canvas, Cotton Bunting, Goggles, Curtain Fasteners, Aluminumware, Sea Moss, Linen Thread, Whisk Brooms, Ink, Mimeograph Paper, Douglas Fir Spud Timbers, and Combination Sinks and Laundry Trays.

Specifications obtainable from the above office, or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Oakland.—Until March 28, 2 p.m., bids will be received by the U. S. Forest Service, Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 5521, for furnishing 4-in. welded steel pipe and couplers, f.o.b. Eureka. Specifications obtainable from above office.

GOVERNMENT ISLAND, Calif.—Until March 29, 2 p.m., bids will be received by the Forest Service Supply Depot, Supply Officer, Government Island, Oakland, under Bid No. 5527, for furnishing embossed, baked enamel signs; f.o.b. Government Island.

SAN FRANCISCO.—Until March 31, 2 p.m., bids will be received by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., under Bid

o. 1206, for (1) two trailblower attachments, cable operated type, not less than 6500 lbs. net weight for attachment to and operation with Caterpillar RD-8 tractors; f.o.b. bidder's shipping point. Alternate A. f.o.b. Auburn; (2), 3 trailblower attachments, cable operated, not less than 3500 net weight; f.o.b. shipping point and/or Government Island.

GOVERNMENT ISLAND, Calif.—Until March 30, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, or furnishing supplies and materials, as follows:

BID NO. 5528—Corr. galv. steel sheet roofing, ridge roll and window flashing; f.o.b. Berry Creek, Cal.
BID NO. 5536—Redwood water tank, 10,000-gal. capacity, without cover; f.o.b. Quincy, Cal.

GOVERNMENT ISLAND, Calif.—Until March 30, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, or furnishing supplies and materials, as follows:

BID NO. 5529: Finish plumbing, fixtures and fittings; fob Porterville;
BID NO. 5537: Western red cedar telephone poles; fob San Jose;
BID NO. 5538: Nos. 6 and 10 AWG, 3-cond., non-metallic cable; fob Alturas.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

March 30, 10:00 A. M.

BID NO. 5172—Rental of one tractor equipped with trailer unit, not less than 15 tons capacity, for transporting various types of construction equipment; f.o.b. Alameda and Contra Costa Counties.

April 1, 10:00 A. M.

BID NO. 5168 — Paint, turpentine, brushes; f.o.b. Winters, Cal.

BID NO. 5169—1000 c.y. loam; f.o.b. Sunset near Skyline Blvd., San Francisco.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and rental of equipment, as follows:

MARCH 30, 10 A. M.:

BID NO. 5170: Rental of one motor passenger coach, capacity not less than 38 seated passengers and 20 standing, to operate two round trips daily between East City Limits of San Leandro and E 14th St., and jobsite in Ashland District;

BID NO. 5171: Rental of one motor passenger coach, capacity not less than 38 seated passengers and 20 standing, to operate two round trips daily between First Ave. and E 14th St., San Leandro, and jobsite, south on First Ave.;

APRIL 1, 10 A. M.:

BID NO. 5167: 700 c.y. sand and gravel mix; fob Marysville;

BID NO. 5176: Tile shingles, tile and nails; fob 34th Ave. and Clement St., San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

SCH. 3049—Electric truck, crane, revolving, complete with lead battery, for eastern and western yards, April 1.

SCH. 3062—One motor-driven press punch, for Keyport, Washington, April 1.

SCH. 3069—3504 ft. 6-in. cast-iron water pipe and fittings for Mare Island, April 1.

SCH. 3065—1000 feet portable triple conductor cable for Mare Island, April 1.

SCH. 3080 — Motor-driven balancing machine for Puget Sound, Apr. 1.

SCH. 3096—Chain hoists, for Boston, Charleston and Puget Sound, April 5.

SCH. 3074—Two electrically operated dough mixing machines and spares for Mare Island, Apr. 1.

SCH. 3075—900 feet copper pipe for Mare Island, April 1.

SCH. 3079—28,000 ft. b.m. redwood and 22,000 ft. b.m. do., for Mare Island, April 5.

SCH. 3076—60,000 ft. b.m. tplementwood for Philadelphia; 15,000 ft. b.m. do., for eastern or western yards; 15,000 ft. b.m. for Mare Island, Apr. 5.

SCH. 3103—Motor-driven portable air compressor for eastern or western yard, Apr. 5.

SCH. 3105—10 electric transformers, 1 relay, 4 oil switches, 16 primary cutouts, 18 potheads, and 2 control panels for Seattle, Apr. 5.

SCH. 3082—1350 gals. zinc chromate primer for Pennsylvania, Pensacola and San Diego, Apr. 5.

SCH. 3107—9000 feet insulated electric cable for Seattle, Apr. 5.

SCH. 3106—6 landing field floodlights and 8 obstruction lights for Seattle, Apr. 5.

SCH. 3119—Bearings, thrust, for turbines, for Boston, Charleston and Puget Sound, Apr. 5.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 1, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1981, for furnishing 200 galvanized iron garbage cans for the school department. Specifications obtainable at above office.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$177; 1049 Euclid, Berkeley; owner, Mrs. Pillsbury, Prem.; contractor, Bay Cities Termite Control.

ALTERATIONS and additions, 3097 Guido Rd., Oakland; owner and contractor, Stella M. Yarrow, Prem.; also additional cost, \$600; fee, \$2.

ADDITION, \$100; 1063 Alcatraz Avenue, Oakland; owner and contractor, Michael Ebinger, Prem.

ALTERATIONS, \$235; 914 Market Street, Oakland; owner, Nettie Valme, 335 Market St.; contractor, E. R. Rivers, 2331 23rd Ave.

GARAGE, 1-story, \$500; 1145 Wellington St., Oakland; owner and contractor, D. G. Nunnally, 1145 Wellington St.

GARAGE, 1-story, \$75; 5173 Shafter Ave., Oakland; owner and contractor, Louis Siegrist, 5188 Meses Ave.

REPAIRS, \$50; 1036-35 56th Street, Oakland; owner and contractor, H. Ingebrigtsen, Prem.

ADDITION, \$150; 2428 Wilbur St., Oakland; owner and contractor, Clarence F. Schellson, Prem.

ADDITION, \$275; 4010 Brown Ave., Oakland; owner and contractor, Roy Spencer, Prem.

REPAIRS (termite), \$180; 2163 West St., Oakland; owner, E. L. Ritchie, 823 21st St.; contractor, Bay Cities Termite Control, 3723 Telegraph Ave.; also structural pest permit, \$75.

REPAIRS (termite), \$94; 3906 14th Ave., Oakland; owner, C. L. Birch, Prem.; contractor, Bay Cities Termite Control, 3723 Telegraph Ave.; also struc. pest permit, \$75.

ALTERATIONS, \$25; 3052 Broadway, Oakland; owner and contractor, Mary Prosser, 45 Randwick Ave.

BILLBOARD, \$10; 4165 Broadway, Oakland; owner, Fred Lerschewin, Prem.; contractor, John B. Irwin, 547 41st St.

ALTERATIONS, \$400; 1654 Marin Ave., Berkeley; owner and contractor, P. L. Dragon, Prem.

ALTERATIONS, \$150; 2331 E. 14th St., Oakland; owner and contractor, Lena Cherno, Prem.

GARAGE, 1-story, \$200; 2301 87th Ave., Oakland; owner and contractor, Geo. Jackson, Prem.

ADDITION, \$250; 957 75th Avenue, Oakland; owner and contractor, Henry Bertillo, Prem.

SIGN, metal, \$8; 1770 Broadway, Oakland; owner, Dr. G. W. Zang, Prem.; contractor, Oakland Sign Co., 579 18th St.

SIGN, metal, \$8; 1770 Broadway, Oakland; owner, Dr. G. W. Zang, Prem.; contractor, Oakland Sign Co., 579 18th St.

SIGN, electric, \$160; 10401 E. 14th St., Oakland; owner, Cullen and Hanover, Prem.; contractor, QRS Neon Corp., 609 Potrero Ave., San Francisco.

SIGN, electric, \$150; 3483 Champion St., Oakland; owner, A. Ruggle, Prem.; contractor, Brown Neon Sign Co., 1561 San Pablo Ave.

SIGN, electric, \$200; 1201 45th Ave., Oakland; owner, Bay Motor Sales Co., Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 2314 High St., Oakland; owner, G. & W. Mkt., Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$100; 705 West St.; owner, H. Russell, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 1630 Franklin St., Oakland; owner, The Mint Julep, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$125; 2222 Hopkins Street, Oakland; owner, Floyd Street, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 1524 San Pablo Ave., Oakland; owner, Modern Paints Co., Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$100; 4011 E. 14th St., Oakland; owner, Fruitvale Motor Sales, Prem.; contractor, Western Neon Lite Co., 4011 E. 14th St.

SIGN, electric, \$150; 5832 Foothill Blvd., Oakland; owner, Clark's, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$300; 5100 Foothill Blvd., Oakland; owner, Parklane Motel, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 1110 Broadway, Oakland; owner, Warren's Nut House, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Bids April 11 on Shasta
Bypass Tunnel



Geo. Washington Gym Bids Open Apr. 27



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., APRIL 2, 1938

No. 14

BIDS APRIL 27 ON WASHINGTON HIGH GYM, FIELD

Bids Called on \$226,000 Boys' And Girls' Gymnasium and Athletic Field

Bids for construction of the \$226,000 boys' and girls' gymnasium and athletic field for George Washington High School yesterday were called by Director Wm. H. Worden of the San Francisco Department of Public Works.

Bids on the entire job will be opened April 27.

Bids will be taken under five propositions. Proposition 1 calls for general construction of the gymnasium complete; Proposition 2 calls for construction of athletic field. The remaining propositions provide for deductions if: (1) the east grandstand is omitted; (2) if two play yards are omitted; and (3) if all planting is omitted.

The gymnasium and athletic field will be awarded under separate contracts, City Architect Chas. H. Sawyer announced yesterday. The estimated cost of \$226,000 is for the gymnasium alone, he said. The cost of the athletic field has not been estimated.

The boys' and girls' gymnasium will measure 165 by 110 feet in size. The structure will have a steel frame and reinforced concrete construction. A composition roof is called for in the specifications.

The George Washington High School gymnasium, located in the block bounded by Geary boulevard, Balboa street, Thirtieth avenue and Thirty-second avenue, will house a large gym floor divided by a folding partition, shower and locker rooms, offices and miscellaneous rooms.

The athletic field will be a full-size football field. Two grandstands, east and west, are contemplated. They will be 318 feet long and will seat approximately 3,000 spectators each. In addition, two bitumen-surfaced play yards will be constructed.

It will be noted that one grandstand and both play yards may be omitted under the terms of the contract.

BASICH BROS. LOW ON INYO CO. JOB

SACRAMENTO, March 30. Basich Bros., Los Angeles, at \$19,677.10, today submitted the low bid to the State Division of Highways for grading and placing road-mix surfacing on about 1.5 miles of highway at Independence, Inyo Co.

Vido Kovacevich, South Gate, was the only other bidder on the job. Kovacevich submitted a bid of \$19,792. The work involves: 2750 cubic yards of unclassified excavation; 214 tons of liquid asphalt and 2575 cubic yards of aggregate of various types.

BIDS APRIL 19 ON TWO STATE BUILDING JOBS

SACRAMENTO, Mar. 29.—California's \$23,700,000 State building program, in which many contracts already have been let, received added impetus today as two additional projects were advertised for bids by State Architect George B. McDougall.

Bids on both projects will be opened in Sacramento April 19, Mr. McDougall announced.

Buildings to be constructed under contracts advertised today will be located at California Polytechnic School in San Luis Obispo and at the Stockton State Hospital.

Work at California Polytechnic School includes construction of Classroom Units Nos. 1 and 2. They will be wood frame buildings. Exterior walls will be covered with wood siding, while roofing will be of composition shingles. Interior walls will be lined with wallboard. Doors and windows will be of wood.

To be constructed at Stockton State Hospital is a vegetable preparation building, a one-story reinforced concrete structure. The building will have steel windows, steel columns and beams, wood roof framing and wood roof sheathing. Partitions will be of hollow tile and wood framing.

SHASTA BYPASS BIDS APRIL 11, REPORT STATES

Official Statement Expected Shortly; Other Work Progressing

SACRAMENTO, Mar. 30.—Bids for construction of the Shasta Bypass tunnel will be opened in Sacramento April 11, it was unofficially reported here today.

Bureau of Reclamation officials here said they could make no official announcement of the new opening date, pending receipt of word from the Denver office. Official notification of the new bid opening date was expected momentarily.

Progress Shown

Meanwhile work on the Kennett division of the Central Valley Project showed progress on other fronts.

Official notice to proceed was sent to Lowrie Paving Co. of San Francisco, contractor for street, sewer and water system work at the Government camp at Kennett. Construction under this \$45,941 contract, awarded earlier this month, is expected to get under way immediately.

Material contracts aggregating approximately \$8200, covering supplies for the camp water and sewer systems, have been awarded within the past few days. They were let to the following firms:

Material Contracts

Gladding, McBean & Co., San Francisco, clay sewer pipe and fittings and grease traps.

Crane-O'Fallon Co., Denver, Col., put packing, and pipe fittings.

Collins Concrete and Steel Pipe Co., Portland, Ore., joint compound, corrugated metal pipe culvert, manhole frames and covers.

United Pipe and Supply Co., San Francisco, asphalt-dipped steel pipe and fittings, valves, etc.

Consolidated Supply Co., Portland, fire hydrants and wrenches. P. E. O'Hair & So., San Francisco, couplings and bolts.

The firms submitted only unit prices on the items for which these contracts were awarded.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
756	Bank Canton	Prout	5000
757	Clay	Edwards	1800
758	Collupy	Eaton	2775
759	Cravens	Mattock	5050
760	Ellis	Anderson	1800
761	Foster's	Murray	3500
762	Lengstacker	National	1600
763-4	Lindsay	Owner	3500
765-82	Doelger	Owner various	
764	Georgina Est.	Ratto	1000
785	Gurchat	Little	4000
786-90	Standard	Owner	3500
791	Adair	Hamill	1000
792	Carlisle	Owner	2000
793	Jacobs	Coburn	2000
794	Moffatt	Wagner	1400
795-8	Stoneson	Owner	3500
799	Valputic	Stendall	3500
800	Arco	Owner	4000
801	Coblin	Tomlin	4000
802	Lynch	Miller	2200
803	Jr Orpheum	Dhnwiddle	3000
804	Uhlfg	Owner	2800
805	Duthen	Neadeau	3000
806-9	Higgins	Smith	3000
810	Hutts	Owner	3000
811	Jung	Owner	2009
812	Manfakis	Urdlin	2100
813	Tignard	Owner	4000
815	Chalstrom	Owner	4000
816	Dipsegard	Zinkand	7000
817	Fruit Inds	Kelly	4500
818	Lurie	Lewis	1800
819	Michel	Owner	3000

ALTERATIONS

(756) 555 MONTGOMERY ST. Alter bank.
 Owner—Bank of Canton, Ltd., Pres.
 Contractor—J. Prout, 2530 Fillmore.
 Architect—W. G. Merchant, Russ Building. \$5,000

ALTERATIONS

(757) 150 FIFTH AVE. Alter dwelling.
 Owner—Miss Clay, 16 Fifth Avenue
 Contractor—Henry W. Edwards, 432 39th Avenue.
 Architect—Not Given. \$1800

ALTERATIONS

(758) PAGE and Market Sts. Alter store.
 Owner—Carroll Collupy, 1526 Fillmore Street.
 Contractor—Eaton and Smith, 715 Ocean Avenue.
 Engineer—Jas. M. Smith, 251 Kearny Street. \$2775

ALTERATIONS

(759) 2660 SCOTT ST. Alter dwelling.
 Owner—M. Cravens, 212 Clara Street.
 Contractor—A. F. Mattock, 212 Clara Street.
 Architect—Henry Howard, 278 Post Street. \$5,000

FACTORY

(760) N CLEVELAND 100 E 14th St. One-story frame factory.
 Owner—C. Ellis, 151 San Bruno Ave.
 Contractor—A. C. Anderson, 4775 19th Street.
 Architect—Not Given. \$1,800

ALTERATIONS

(761) FIFTH and Mint Sts. Alter restaurant.
 Owner—Posters Lunch System, 986 Mission Street.
 Contractor—Austin B. Murray, 1330 Natoma Street.
 Architect—Not Given. \$3,500

ALTERATIONS

(762) 602 BRODERICK ST. Alter apartments.

Owner—Alma Lengstacker, premises
 Contractor—National Roofing & Siding Co., 2172 Market St.
 Architect—Not Given. \$1,600

DWELLING

(763) W 30th AVE. 125 N Moraga. One - story and basement frame dwelling.

Owner and Builder—Boyd C. Lindsay, 1176 Alemany Blvd.
 Architect—Not Given. \$3,500

DWELLING

(764) W 30th AVE. 150 N Moraga. One - story and basement frame dwelling.

Owner and Builder—Boyd C. Lindsay, 1176 Alemany Blvd.
 Architect—Not Given. \$3,500

DWELLINGS

(765-83) W 46th AVE 100, 125 S Judah St., \$3000 each; NE 16th Ave. and Ortega, \$5000; W 15th Ave. 364 and 397 N Ortega, \$4,000; E 41st Ave 125, 175, 200, 25, 50, 75, 100, 125, 150, 175, 200, 225 250, 275 S Kirkham St., \$3,000 ea. Nineteen one-story and basement frame dwellings.

Owner and Builder—Henry Doelger
 Builder, Inc., 320 Judah Street.
 Architect—Not Given.

ALTERATIONS

(784) SE SANSOME and Washington Sts. Alter factory.
 Owner—Georgina Est. Co., 354 Pine.
 Contractor—V. E. Ratto, 4594 19th St.
 Engineer—Francis Smith, Holbrook Building. \$1,000

DWELLING

(785) N PALO ALTO AVE. 425 W Twin Peaks Blvd. One-story and basement frame dwelling.

Owner—Chas. Gurchat, c/o Contractor.
 Contractor—M. A. Little Co., 107 24th Avenue.
 Architect—A. H. Larsen, 333 Kearny Street. \$4,000

DWELLING

(786) E 36th AVE 375 S Ulloa St. One - story and basement frame dwelling.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING

(787) E 36th AVE. 350 S Ulloa St. One - story and basement frame dwelling.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING

(788) NE VICENTE and 36th Ave. One - story and basement frame dwelling.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING

(789) N VICENTE 95 E 36th Ave. One - story and basement frame dwelling.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

DWELLING

(790) E 36th AVE. 325 S Ulloa St. One - story and basement frame dwelling.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

ALTERATIONS

(791) 1567 FOLSOM Street. Alter store.

Owner—Ed Adair, premises.
 Contractor—Hamill and Maier, 4014 Geary Blvd.
 Architect—Not Given. \$1,000

ALTERATIONS

(792) 135 POST ST. Alter store.
 Owner—A. Carlisle & Co., 135 Post.
 Contractors—Various.
 Engineer—W. H. Ellison, Pacific Building. \$2,000

WALL

(793) 2530 FULTON ST. Retaining wall.

Owner—Samuel Jacobs, c/o Contractor.
 Contractor—I. W. Coburn, 2048 Market Street.
 Architect—Not Given. \$1,000

ALTERATIONS

(794) 64 GOLDEN GATE AVENUE. Alter garage.

Owner—Moffatt & Stellar, c/o contractor.
 Contractor—Geo. Wagner, 181 South Park.
 Architect—Not Given. \$1,400

DWELLING

(795) W ALEMANY 202 Mt. Vernon. One - story and basement frame dwelling.

Owner and Builder—Stoneson Bros 1 Sloat Boulevard.
 Architect—Not Given. \$3,500

DWELLING

(796) W ALEMANY 252 S Mt. Vernon. One - story and basement frame dwelling.

Owner and Builder—Stoneson Bros 1 Sloat Boulevard.
 Architect—Not Given. \$3,500

DWELLING

(797) W ALEMANY 176 S Mt. Vernon. One - story and basement frame dwelling.

Owner and Builder—Stoneson Bros 1 Sloat Boulevard.
 Architect—Not Given. \$3,500

DWELLING

(798) W ALEMANY 227 S Mt. Vernon. One - story and basement frame dwelling.

Owner and Builder—Stoneson Bros 1 Sloat Boulevard.
 Architect—Not Given. \$3,500

DWELLING

(799) W 26th AVE. 300 S Lawton. One - story and basement frame dwelling.

Owner—John Valputic, c/o Contractor.
 Contractor—Elvin C. Stendall, 21 Kirkham Street.

Architect—A. H. Larsen, 333 Kearny Street. \$3,500

DWELLING

(800) NW SEMINOLE and Cayuga. One - story and basement frame dwelling.

Owner and Builder—Arco Bldg. Co. 5401 Mission Street.
 Architect—Not Given. \$4,000

DWELLING
(801) S SILVER AVE. 90 NE Bow-
doin. One - story and basement
frame dwelling.
Owner—M. Goblin, 1240 Silver Ave.
Contractor—B. F. Tomlin, 418 Munich.
Architect—Not Given. \$4,000

ALTERATIONS
(802) 170 DIVISION ST. Alter ware-
house.
Owner—A. J. Lynch & Co., premises.
Contractor—Miller Const. Co., 3917
Mission Street.
Architect—Not Given. \$2,200

SIDEWALK SETBACK
(803) NW GOLDEN GATE AVE.
and Taylor St. Sidewalk setback.
Owner—Jr. Orpheum of San Fran-
cisco, Ltd., premises.
Contractor—Dinwiddle Const. Co., 210
Crocker Bldg.
Architect—G. A. Lansburgh, 321 Bush
Street. \$3,000

DWELLING
(804) W NEVADA 75 S Jarboe. One-
story and basement frame dwell-
ing.
Owner and Builder—Alf. Uhlrig, 247
Ney Street.
Architect—Not Given. \$2,800

DWELLING
(805) E EIGHTH AVE. 100 N Kir-
ham St. One-story and basement
frame dwelling.
Owner—H. Duthen, 1480 8th Ave.
Contractor—Mark Neadeau, 3618 16th
Avenue.
Architect—Not Given. \$3,900

DWELLING
(806) W 44th AVE. 250 N Santiago.
One - story and basement frame
dwelling.
Owner—Joe Higgins, Inc., 62 Monte-
rey Boulevard.
Contractor—Fred Smith, 659 Crocker
Ave., Daly City.
Architect—Not Given. \$3,000

DWELLING
(807) W 44th AVE. 200 N Santiago.
One - story and basement frame
dwelling.
Owner—Joe Higgins, Inc., 62 Monte-
rey Boulevard.
Contractor—Fred Smith, 659 Crocker
Ave., Daly City.
Architect—Not Given. \$3,000

DWELLING
(808) W 44th AVE. 275 N Santiago.
One - story and basement frame
dwelling.
Owner—Joe Higgins, Inc., 62 Monte-
rey Boulevard.
Contractor—Fred Smith, 659 Crocker
Ave., Daly City.
Architect—Not Given. \$3,000

DWELLING
(809) W 44th AVE. 225 N Santiago.
One - story and basement frame
dwelling.
Owner—Joe Higgins, Inc., 62 Monte-
rey Boulevard.
Contractor—Fred Smith, 659 Crocker
Ave., Daly City.
Architect—Not Given. \$3,000

DWELLING
(810) W COLUMBUS Ave. 90 North
Broadway. One - story and base-
ment frame dwelling.
Owner and Builder—B. Hutts, 3738
Geary Boulevard.
Architect—Not Given. \$3,000

ALTERATIONS
(811) 736 COMMERCIAL St. Alter
flats.
Owner and Contractor—Calvin Jung,
864 Grant Avenue.
Architect—Not Given. \$2,000

ALTERATIONS
(812) 605 POST ST. Alter resta-
rant.
Owner—F. Mantakis, premises.
Contractor—R. Undlin Store Fixtures
1448 Cole Street.
Architect—Not Given. \$2,100

DWELLING
(813) S SANTIAGO 326 W 44th Ave.
One - story and basement frame
dwelling.
Owner and Builder—J. Tignard, 2830
48th Avenue.
Architect—Not Given. \$4,000

DWELLING
(814) N ARLINGTON 47 W Natick.
One - story and basement frame
dwelling.
Owner and Builder—H. Barber, 225
College Avenue.
Architect—Not Given. \$2,800

DWELLING
(815) E MOSCOW 100 S Russia.
One - story and basement frame
dwelling.
Owner & Builder—Gerald Chalstrom,
47 Crescent Avenue.
Architect—Not Given. \$4,000

DWELLING
(816) W MASONIC AVE. 55 North
Golden Gate Ave. Two - story
and basement frame dwelling.
Owner—Arnold Dipsegard, 1350 4th
Avenue.
Contractor—Ed Zinkand & Son, 667
36th Avenue.
Architect—A. H. Larsen, 333 Kearny
Street. \$7,000

ALTERATIONS
(817) NW 20th and MINNESOTA.
Alter offices.
Owner—Fruit Industries, Inc., 85 2nd
Street.
Contractor—R. E. Kelly, 168 Han-
cock Street.
Architect—J. H. Ahnden, 822 39th
Avenue. \$4,500

SERVICE STATION
(818) SW MISSION and Allison.
Service station.
Owner—The Lurie Co., 333 Montgom-
ery Street.
Contractor—Lewis & Clark, 1002 Cal-
ifornia Bldg., Oakland.
Architect—Not Given. \$1,800

DWELLING
(819) E FOLSOM 25 S Eugenia.
One - story and basement frame
dwelling.
Owner and Builder—Michael & Bom-
erer, 762 De Haro.
Architect—Not Given. \$3,000

ALTERATIONS
(820) 534 66th ST. OAKLAND. Al-
terations and additions.
Owner—A. Matthews, 549 Colusa A-
venue, Berkeley.
Contractor—L. Johnson & Son, 223
Greenbank Ave., Piedmont.
Architect—Not Given. \$2,900

DWELLING
(821) 534 66th ST. OAKLAND. Al-
terations and additions.
Owner—A. Matthews, 549 Colusa A-
venue, Berkeley.
Contractor—L. Johnson & Son, 223
Greenbank Ave., Piedmont.
Architect—Not Given. \$2,900

DWELLING
(822) 6517 LIGGETT DRIVE, OAK-
LAND. Two-story 5-room dwell-
ing.
Owner — Chester Miller, Financial

837 Griffiths Owner 2500
838 Hendricks Owner 3000
839 Cross Livingston 9570
840 Jacuzzi Benassini 2000
841 Bargwardt Owner 3200
842 Haller Owner 6000
843 McEneaney Teigland 19500

DWELLING
(812) 5 WHITAKER, BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner—O. M. French, 779 Hilldale.
Contractor—C. A. O'Brien, 2425 Sacra-
mento.
Architect—Not Given. \$3200

DWELLING
(813) 2223 57TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—W. P. Garrett, 763 Alcatraz
Ave.
Contractor—C. J. Pfrang, 6364 Mystic
Street.
Architect—Not Given. \$4500

DWELLING
(814) 9320 PEACH ST., OAKLAND.
One-story 5-room dwelling.
Owner—F. A. Grimes, Prem.
Contractor—E. B. Hutchinson, 2782
68th Ave.
Architect—Not Given. \$3450

DWELLING
(815) 2221 103RD AVE., OAKLAND.
Two-story 6-room dwelling.
Owner & Contractor—J. J. McClas-
key, 337 Knowles Ave., Daly City.
Also 1-story garage, \$175.
Architect—Not Given. \$3400

DWELLING
(816) 1172 BAY VIEW AVE., OAK-
LAND. One-story 5-room dwell-
ing.
Owner & Builder—Waldemar C. Tor-
nell, 1517 E. 34th St.
Architect—Not Given. \$3400

DWELLING
(817) 1110 PORTLAND, ALBANY.
One-story 5-room frame dwell-
ing.
Owner—J. R. Crudo, 1113 Portland.
Contractor—S. M. Studebaker, 259 E
12th St., Oakland.
Architect—Not Given. \$4,000

DWELLING
(818) 2018 101th AVE., OAKLAND.
One-story 5-room dwelling.
Owner and Builder—H. C. Clemans,
4018 Lyon Ave., Oakland.
Architect—Not Given. \$3,000

DWELLING
(819) 5831 ACACIA AVE., OAK-
LAND. Two-story 6-rm. dwell-
ing.
Owner and Builder—C. C. Eddy, 3833
Park Blvd., Oakland.
Architect—Not Given. \$10,500
Also 1-story garage, \$300.

DWELLING
(820) W COLTON BLVD. Lot 406.
Forestland, OAKLAND. One-story,
4-rm. dwelling.
Owner—R. Kilemer, 403 37th Street,
Oakland.
Contractor—M. Jordan, 979 Mountain
Blvd., Oakland.
Architect—Not Given. \$3,000

ALTERATIONS
(821) 534 66th ST. OAKLAND. Al-
terations and additions.
Owner—A. Matthews, 549 Colusa A-
venue, Berkeley.
Contractor—L. Johnson & Son, 223
Greenbank Ave., Piedmont.
Architect—Not Given. \$2,900

DWELLING
(822) 6517 LIGGETT DRIVE, OAK-
LAND. Two-story 5-room dwell-
ing.
Owner — Chester Miller, Financial

ALPHABETICALLY			
No.	Owner	Contractor	Amt.
812	French	O'Brien	3200
813	Garrett	Pfrang	4500
814	Grimes	Hutchinson	3450
815	McClaskey	Owner	3400
816	Tornell	Owner	3400
817	Crudo	Studebaker	4000
818	Clemans	Owner	3000
819	Eddy	Owner	10500
820	Kilener	Jordan	3000
821	Matthews	Johnson	2900
822	Miller	Petersen	6250
823	Moss	Owner	3400
824	Murphy	Donnelly	1000
825	Brasch	Owner	3000
826	Casovia	Correla	3000
827	Stahmer	Owner	1000
828	Wittich	Fox Bros.	8400
829	Bowles	Patterson	3500
830	Douthit	Frey	10,500
831	Gatton	Owner	1750
832	Lennert	Owner	4600
833	Miller	Byerley	1592
834	Nye	Owner	1000
835	Rodger	Brown	4000
836	Bigelow	Bigelow	4500

Center Bldg., Oakland.
Contractor—O. Petersen, 3626 Rhoda Ave., Oakland.
Architect—Miller & Warnicke, Financial Center Bldg., Oakland.
Garage, \$250. \$6,250

DWELLING
(823) 1000 MTN. BLVD., OAKLAND.
One-story 6-room dwelling.
Owner and Builder—D. C. Moss, 621 22nd St., Oakland.
Architect—Not Given. \$3,400

ALTERATIONS
(824) 4347 LEACH AVE., OAKLAND.
Alterations and repairs.
Owner—Thos. Murphy, 4347 Leach Ave., Oakland.
Contractor—Donnelly Roof Co., 1700 47th Ave., Oakland.
Architect—Not Given. \$1,000

DWELLING
(825) 1670 SHORT, BERKELEY.
Two-story 6-room frame dwelling and garage.
Owner—M. G. Brasch, 1600 Mountain Blvd.
Contractor—M. B. Brasch, 1600 Mtn. Blvd.
Architect—Not Given. \$5000

DWELLING
(826) 2736 MABEL ST., BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Martin Casovja, 2737 --at-thews.
Contractor—A. E. Correia, 509 East 14th St., Oakland.
Architect—Not Given. \$3000

REMODELING
(827) 1519 MOZART ST., ALAMEDA Remodeling.
Owner & Builder—Mrs. Helen Stahmer, Prem.
Architect—Not Given. \$1000

CONCRETE BUILDING
(828) 2015 CENTER, BERKELEY. One-story and loft reinforced concrete building.
Owner—J. H. Wittich, Prem.
Contractor—Fox Bros., 1478 University Ave.
Architect—Not Given. \$9400

DWELLING
(829) 3000 PARKER ST., OAKLAND One-story 5-room dwelling.
Owner—Charles E. Bowles, 429 Superior Ave.
Contractor—J. F. Patterson, 7621 Foothill Blvd.
Architect—Not Given. \$3500

DWELLING
(830) 6020 BULLARD DRIVE, OAKLAND. Two-story 9-room dwelling.
Owner—Taylor Douthit, 1941 Hoover Ave.
Contractor—J. F. Frey, 4718 Congress Ave.
Architect—Jas. H. Anderson, 3147 Claremont Ave. \$10,500

ALTERATIONS
(831) 3335 OVER ST., OAKLAND. Alterations and additions.
Owner & Builder—W. F. Gatton, 3711 Allendale Ave.
Architect—Not Given. \$1750

DWELLING
(832) 4301 KANSAS ST., OAKLAND. One-story 5-room dwelling.
Owner & Contractor—Hattie Lennett, 3469 High St.
Architect—Not Given. \$4600

ALTERATIONS
(833) 4055 LAKESHORE AVENUE, OAKLAND. Alterations.

Owner—Ben Miller, 652 Boulevard Way.
Contractor—Arlen C. Beyerle, Hotel Roosevelt.
Architect—Not Given. \$1592

ADDITION
(834) 1229 GROVE ST., OAKLAND. Addition to garage.
Owner & Builder—E. E. Nye, Prem.
Architect—Not Given. \$1000

DWELLING
(835) 5100 PROCTOR AVE., OAKLAND. One-story 5-room dwelling.
Owner—E. A. Rodger, 912 44th St.
Contractor—W. E. Brown, 4248 Suter Street.
Architect—Not Given. \$4000

DWELLING
(836) 1423 ADA ST., BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—Roy E. Bigelow, 150 Ardmore.
Contractor—J. E. Bigelow & Sons, 150 Ardmore.
Architect—Not Given. \$4500

DWELLING
(837) 1251 60TH AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—E. O. Griffiths, 1207 60th Ave.
Also garage, \$100.
Architect—Not Given. \$2500

DWELLING
(838) 2006 101ST AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—F. F. Hendricks, 2357 Bartlett St.
Architect—Not Given. \$3000

DWELLING
(839) 50 ARDLEY RD., BERKELEY. One-story 7-room frame dwelling and garage.
Owner—F. L. Cross, 1729 Hopkins St., Berkeley.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave., Berkeley.
Architect—W. S. Wellington, 260 California St., San Francisco. \$9570

DWELLING
(840) 1324 STANNAGE, BERKELEY. One-story 3-room frame dwelling and garage.
Owner—C. Jacuzzi, 1322 Stannage.
Contractor—Joe Benassini, 620 51st St., Oakland.
Architect—Not Given. \$2,000

DWELLING
(841) 7539 GREENLY DR., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Arthur Bargwardt, 2446 E 16th St., Oakland.
Architect—Not Given. \$3,200
Also 1-story garage, \$200.

DWELLING
(842) 1763 CLEMENS ROAD, OAKLAND. Two-story 6-room dwelling.
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Oakland.
Architect—Not Given. \$6,000

DWELLING
(843) 39 BOWLING DRIVE, OAKLAND. Two-story 10-room dwelling.
Owner—T. E. McEneaney.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Architect—Not Given. \$19,800
Also 1-story garage, \$350.

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner Contractor Amt.
274 Bank Canton Prout \$870

275 Shriners Hawthorne
276 Kohler Emsco 15000

ALTERATIONS
(274) 555 MONTGOMERY Street.
Alter bank.

Owner—Bank of Canton, Ltd., 355 Montgomery Street.
Architect—William G. Merchant, 235 Montgomery Street.
Contractor—J. Prout, 2530 Fillmore.
Filed, Mar. 26, '38. Dated, Mar. 23, '38.
5th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$8,870.
Bond, \$8870.00. Sureties, American Bonding Co. of Baltimore, Limit, 60 days. Plans and specifications filed.

WATER WELL
(275) BLOCK bounded by Lawton, Moraga streets and 19th and 20th Avenues. Drill and sink water well.

Owner—Shriners' Hospital for Crippled Children, premises.
Architect—Not Given.
Contractor—J. F. Hawthorne.
Filed, Mar. 29, '38. Dated, Mar. 28, '38.
Payment per foot depending on depth.

TOTAL COST NOT GIVEN
Bond, \$2800. Sureties, U. S. Fidelity & Guaranty Co. Limit, 40 days. Specifications filed.

DEMOLITION
(276) S O'FARRELL 137 W Stockton St. Demolition of steel frame and concrete theater building.
Owner—Kohler & Chase, 26 O'Farrell Street—W. D. Pengh, 333 Montgomery Street.
Contractor—Emsco Concrete Cutting Corp., 1517 Santa Fe Ave., Los Angeles.

Filed, Mar. 29, '38. Dated, Mar. 4, '38.
50% completed \$25,000
Completed 625,000
Usual 35 days..... 250,000
TOTAL COST, \$15,000.
Bond, \$15,000. Sureties, Standard Surety & Casualty Co. of New York, Limit, 50 days.

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
161	Struble	Holyoake	972
162	Union Oil	Early	160
163	McEaneany	Teigland	1980
164	Union Oil	Buel	2
165	Cross	Livingston	957
166	Com Nat. Bk.	Nicholson	301
167	Skaggs	Donlan	300

RESIDENCES (3)
(161) PINEDALE COURT & CASTRO STS., HAYWARD. Three residences.

Owner—Mrs. H. P. Struble, Hayward.
Architect—Geo. P. Simonds, Hayward.
Contractor—A. Holyoake, 2839 E Ave Hayward.

Filed Mar. 24, '38. Dated Mar. 22, '38.
5th day after roof complete.....\$24,000
5th day after brown plaster..... 24,000
5th day after completion..... 24,000
Usual 35 days..... 24,000
TOTAL COST, \$97,000.
Limit, 90 days. Plans and specifications filed.

SERVICE STATION
(162) TELEGRAPH AND ASHES AVES., BERKELEY. Service Station.

Owner—Union Oil Co., Los Angeles.
Contractor—Fred J. Early, Jr., 3 Pine St., San Francisco.
Filed Mar. 24, '38. Dated Mar. 14, '38.
5 days after completion—75%.
Bal. usual 35 days—25%.
TOTAL COST, \$1667.

Limit, 20 days. Plans and specifications filed.

RESIDENCE

(163) LOT NO. 3, Claremont Pines.
Two-story and basement frame residence and garage.
Owner—Mr. and Mrs. T. E. McEaney, Jr., 2949 Piedmont Ave.
Architect—Masten & Hurd, 442 Post St., San Francisco.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Filed Mar. 25, '38. Dated, Mar. 8, '38.
1st floor platform comp.....\$3724.32
Frame roof, etc., com..... 3724.32
Plastered..... 3724.32
Completion..... 3724.32
Usual 35 days..... 4965.76
TOTAL COST, \$19,865.04
Bond, \$9931.52. Sureties, American Surety Co. Limit, 100 days. Plans and specifications filed.

ALTERATIONS

(164) UNIVERSITY AVE. and Oxford St., Berkeley. Alterations.
Owner—Union Oil Company.
Architect—Not Given.
Contractor—E. H. Buel, 1295 Hearst Ave., Berkeley.
Filed and Dated,.....
Five days after completion.....75%
Usual 35 days after.....25%
TOTAL COST, \$237.00
Limit, 7 days.

RESIDENCE

(165) LOT 41, UNIVERSITY HILL, BERKELEY. Residence.
Owner—Francis L. and Miriam D. Cross.
Architect—Wmfield Scott Wellington, 260 California St., S. F.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave. Berkeley.
Filed Mar. 28, '38. Dated Mar. 28, '38
Framing completed—25%.
Brown plastered—25%.
Completion—25%.
Usual 35 days—25%.
TOTAL COST, \$9570
Plans and specifications filed.

ALTERATIONS

(166) SE COR. PARK AND CENTRAL AVE., ALAMEDA. Alterations and additions.
Owner—Commercial Natl. Bank & Central Bldg. & Loan.
Architect—Wm. E. Schlemmer, Bank of Amer. Bldg., Oakland.
Contractor—D. W. Nicholson.
Filed Mar. 28, '38. Dated Mar. 28, '38
First day each month, 75% labor and materials; balance, 25%, usual 35 days.
TOTAL COST, \$30,140.00
Bond, \$30,140. Surety, United Pac. Ins. Co. Limit, 80 days. Plans and specifications filed.

INSTALLATIONS

(167) POR. LOTS 1 & 9, BLK. A, PERALTA HTS., OAKLAND.
Installation of tiling and fixtures for bathrooms and kitchens.
Owner—M. B. Skaggs, Oakland.
Contractor—Donlan Tile Co., San Francisco.
Filed Mar. 29, '38. Dated Mar. 1, '38
50% of bathroom tiling.....\$775.00
Bathroom tiling complete..... 775.00
Completion..... 770.00
Usual 35 days..... 775.00
TOTAL COST, \$3095.00
Bond, \$3095. Surety, Pac. Judson Co. Plans and specifications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER cafe, \$75; 1300 Church St.; owner, V. Hansen, 1312 Church; contractor, Western Hdw. Floor Co., 425 Bosworth St.
ALTER dwelling, \$600; 318 29th Ave. owner, G. W. Barney, premises. FLUES, \$18; 2148 Golden Gate Ave.;

owner, Ernest Wilkins, 3306 California St.
ALTER dwelling, \$300; 13 Porter St.; owner, B. Martin, premises.
SIGN, electric, \$160; 479 Sutter St.; owner, Sir Francis Drake Hotel, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$100; 310 Montgomery St.; owner, Van Marr's, premi.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
FLUE, \$18; 232 Randolph St.; owner, Mr. Tomkins, premises; contractor, Daly City Sheet Metal Works, 6512 Mission St.
SIGN, electric, \$60; 1097 Market St.; owner, Zinke's Renewing Shoe Corp., premises; contractor, El. Prod. Corp., 910 Harrison St.
ALTER dwelling, \$150; 3143 26th St. owner, Enrico Alfonsi, 32 Boardman.
SIGN, electric, \$320; 847 Montgomery St.; owner, Ernest Carlesso, 847 Montgomery St.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
BULKHEAD, \$450; 1338 Union St.; owner, J. E. O. Munsell, premi.; contractor, H. E. Munser, 2516 California St.
SIGN, electric, \$150; 1923 Ocean Ave. owner, El Rey Coffee Shop, 1923 Ocean Ave.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
ALTER garage, \$300; 1821 Steiner; owner, S. C. Sweigert, 2100 Sutter St.
ALTER office, \$750; 870 Market St.; owner, Flood Realty Co., prem.
ALTER air deck, \$700; 138 Yerba Buena St.; owner, J. A. Hart, premises.
FLUES, \$30; 2115 Turk St.; owner, Mr. Daupnik, premises; contractor, Carver-Niles Co., 1024 Clement St.
ALTER dwelling, \$255; 149 Rousseau; owner, J. Chiesa, premi.; contractor, Carl Frank Co., 305 Bocana.
FLUES, \$249; 1429 31st Ave.; owner, Christian Anderson, 146 Grandview; contractor, Kezar Sheet Metal Works, 515 Frederick St.
ALTER restaurant, \$400; 249 O'Farrell St.; owner, M. Winston, 149 O'Farrell Street; contractor, W. Horstmyer, 31 Ord St.
GREENHOUSE, 3-story frame, \$30; 515 23rd Ave.; owner, Albert Harris, premises.
ALTER dwelling, \$386; 3736 Jackson St.; owner, C. R. Davis, 3736 Jackson St.
ALTER dwelling, \$325; 1056-66 McAllister St.; owner, S. E. Friedman, 740 Folsom St.
ALTER dwelling, \$400; 70 Garcia; owner, W. N. Mullen, premises; contractor, J. F. Linder, 617 Moraga St.
BRACING tank, \$900; 675 Mission; owner, McLaughlin Est. Co., 251 Kearny St.; contractor, Mortenson Const. Co., 19th and Indiana; architect E. J. Osborne, 251 Kearny St.; engineer, Robt. A. Hanson, 608 Indiana.
ALTER restaurant, \$500; 1699 Post St.; owner, S. Suada, premises.
FLUES, \$175; 610 Hyde St.; owner, Mr. Merrill, c/o contractor; contractor, James H. Pinkerton Co., 927 Howard St.
FLUES, \$50; E Market 50 W Stanton St.; owner, F. Nelson & Sons, 2901 19th Ave.; contractor, Portal Sheet Metal Supply, 301 Portal Ave.
ALTER dwelling, \$400; 439 Hill St.; owner, J. J. Mayda, premises.
ALTER flats, \$900; 1251-53 20th Ave. owner, Ambrose Gusto, 1455 11th Ave.; contractor, Fred Stotzer, 1455 11th Ave.
SIGN, electric, \$700; 2474 Mission St.; owner, Majestic Dept. Store, Premi.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER yard storage, \$950; 1015 Folsom St.; owner, Pacific Plumbing and Supply Co. premises; contractor, Adam Arras & Son, 4008 18th St.
SIGN, electric, \$155; 785 Haight St.; owner, Save Way Cleaners, Premises; contractor, J. K. Herzog El. Co., 370 Van Ness Ave. So.
ALTER garage, \$100; 3735 16th St.; owner, Ivan Vinof, 431 Collingwood St.
SIGN, electric, \$350; 883 Market St.; owner, Dolores Premier Beauty School, Prem.; contractor, Novelty Elec. Sign Co., 419 Larkin St.
SIGN, electric, \$100; 2715 Hyde St.; owner, Golden Gate Ferry Garage, Prem.; contractor, Electric Prod. Corp., 910 Harrison St.
FLUES, \$75; 60 Normandie Terrace; owner, T. M. Lives, Prem.; contractor, Aarraks Heating Appl. Co., 1919 Fifth Berkeley.
SIGN, electric, \$100; 1776 Green St.; owner, California Garage, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
FLUES, \$75; N. Greenwich, 137 E of Pierce; owner, E. A. Janssen, 1138 Clement St.; contractor, Modern Sheet Metal Works, 4435 G. Geary St.
SIGN, electric, \$200; 454 Post Street; owner, Keck's Phys., Inc., Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER restaurant, \$450; 1680 Market St.; owner, Frank Calzig, 617 Tenth Ave.; contractor, P. G. Soss, 1680 Sanchez St.
SIGN, electric, \$100; 480 O'Farrell St.; owner, Delicate Cleaners, Premi.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.
ALTER flats, \$150; 1328 Vallejo; owner, Phil Silvestri, Premises; contractor, Bennie D. Amico, 76 Pixley St.
ALTER store, \$100; 3212 Fillmore St.; owner, R. Bey, Prem.
SIGN, electric, \$100; 1023 Mission St.; owner, Lee-Monty Garage, Premises; contractor, Elec. Products Corp., 910 Harrison St.
SIGN, electric, \$100; 265 Eddle St.; owner, 265 Eddle Garage, Premi.; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER restaurant, \$350; 580 Beale St.; owner, Albert Franchi, Premises; contractor, O. H. Anderson, 2259 Geary St.
FLUES, \$75; S. Washington, 156 E Baker St.; owner, E. A. Janssen, 1138 Clement St.; contractor, Modern Sheet Metal Works, 4435 Geary St.
SIGN, electric, \$30; 716 Market St.; owner, Kelleher & Brown Tailors, Premi.; contractor, Electrical Prod. Corp., 910 Harrison St.
ALTER dwelling, \$60; 535 43rd Ave.; owner, Ben. H. Neff, Premises; contractor, Fred M. Kimball, 128 Ninth Ave.
ALTER flats, \$500; 1484-90 Golden Gate Ave.; owner, E. Collins, 1480 Golden Gate Ave.
SIGN, electric, \$100; 842 Valencia St.; owner, Axel's, Premi.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.
SIGN, electric, \$150; 478 O'Farrell St.; owner, Carl's Coffee Shop, Premi.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Avenue South.
SIGN, electric, \$335; 1660 Pine St.; owner, Devolt & Sons, Premi.; contractor, Apex Elec. Co., 953 Fell St.
SIGN, electric, \$100; 1350 California; owner, Enterprise Garage, Premi.; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER dwelling, \$475; 165 Arch St.; owner, Ernest H. Keith, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and | 14.—Residences |
| Warehouses | 15.—Schools |
| 5.—Flats | 16.—Banks, Stores and Theatres |
| 6.—Garages and Service Stations | 18.—Wharves & Docks |
| 7.—Federal Buildings | 19.—Misc. Const. |
| 8.—Club Buildings | 20.—Misc. Supplies & Hotels |
| 9.—Hospitals | |
| 10.—Hotels | |

1—APARTMENTS

Plans Being Figured—Bids Close April 5, 1 P. M.
APARTMENTS Est. Cost, \$60,000
BURLINGAME, San Mateo Co., Cal. Three-story frame apartment house (18 apts.); six 2-room, twelve 4-room), composition and tile roof, steel and wood sash, hardwood floors, tile baths and stall showers, steam heating plant.

Owner—C. DeBenedetti, 916 N. Humboldt St., Burlingame (San Mateo 2786).

Architect—R. R. Irvine, 2048 Market St., San Francisco.
 Bids are now being received by the owner from the following selected list of contractors:

- A. F. Mattock Co., 212 Clara St., San Francisco.
- G. W. Williams Co., 10 California Drive, Burlingame.
- H. H. Larsen Co., 64 South Park, San Francisco.
- Barrett & Hilp, 918 Harrison St., San Francisco.
- Anderson & Ringrose, 320 Market St., San Francisco.
- Moore & Roberts, 693 Mission St., San Francisco.

Preparing Preliminary Plans
APARTMENTS Est. Cost, \$25,000
BURLINGAME, San Mateo Co., Cal. Three-story frame and stucco apartment house; four 4-room and two 2-room apts.; wood sash, hardwood floors, composition roof, tile baths, etc.

Owner—Withbeid.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.
 Upon completion of plans, general bids will be asked.

3—CHURCHES

Preparing Sketches
ALTERATIONS Cost, \$.....
CARMEL, Monterey Co., Cal. Alterations to church.
 Owner—Christian Science Church.
 Architect—Guy O. Koopp, P. O. Box 644, Carmel.

4—FACTORIES & WAREHOUSES

Contract Awarded
ALTERATIONS & ADDITIONS Est. Cost, \$200,000
SACRAMENTO, Sacramento County. One-story reinforced concrete and corrugated iron addition (150 x 300 ft.) to present shop building and alterations to present shop.
 Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.

Plans by Engrs. Dept. of Owner.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

6—GARAGES & SERVICE STATIONS

Low Bidder
GARAGE Cost, \$.....
FRESNO, Cal. 126 Inez St., near Tulare Street.
 One-story reinforced concrete garage building (63 x 120 ft.).
 Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.

Plans by Engrs. Dept. of Owner.
 Low Bidder—W. J. Ochs, Helm Bldg., Fresno.
 Contract not yet awarded.

Contract Awarded
SERVICE STATION Cost, \$.....
SAN ANSELMO, Marin Co., Calif. Bunker Hill.

Gasoline service station.
 Owner—Tunstead Co., 619 Mission St., San Francisco.
 Lessee—Richfield Oil Co.
 Plans by the Lessee.
 Contractor—N. F. Nielsen, 419 Mendocino Ave., Santa Rosa. * 6

Contract Awarded
SERVICE STATION Cost, \$.....
WATSONVILLE, Calif. Fifth and Main Sts.

Steel gasoline service station with super unit.
 Owner—Tide Water Assoc. Oil Co.
 Plans by Engrs. Dept. of Owner.
 Contractor—Ralph S. Friend, 309 Stanford St., Watsonville.

7—FEDERAL BUILDINGS

BIDS WANTED
SEATTLE, Wash.—Until April 26, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for driveway and drainage modifications at the U. S. Post Office, University Postal Station, Seattle, Wash.
 Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Seattle.

BIDS WANTED
PHOENIX, Ariz.—Until April 21, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for air conditioning repairs in the U. S. Post Office at Phoenix, Ariz.
 Specifications may be obtained from the above office and from the Custodian of the Building.

COMPLETE BIDS
KEYPORT, Wash.—Parker Painting Co., Tacoma, Wash., at \$3,760, submitted low bid to the Bureau of Yards & Docks, Navy Dept., for painting radio towers; Spec. \$500; at the Radio Station at Keyport.
 Other bids were:

- Pacific Riggers, Seattle, Wash. \$3973
- Larson & Warren, Seattle, Wash. 5815
- Chas. Dickens, 4104 6th Ave., Tacoma, Wash. 6300
- Industrial Spray Painting Corp., Portland, Ore. 6369
- Peck Painting & Decorating Co., Seattle, Wash.

BIDS WANTED
SACRAMENTO, Cal.—Until Apr. 29 2 P. M., bids will be received by the

Constructing Quartermaster, Sacramento Air Depot, for installation of refrigeration system for clothing and paper paper storage rooms in Depot Supply Building.

Plans and specifications may be obtained from the above office upon deposit of \$20 certified check, payable to the Treasurer of the U. S.

CONTRACT AWARDED
FORT MASON, Cal.—H. Ekart & Sons, 1325 23rd Ave., San Francisco, at \$308.75 awarded contract by the Constructing Quartermaster, Col. H. E. Plitz, Fort Mason, under Bid No. 6616-38-S, for painting exteriors of buildings at San Francisco National Cemetery, Presidio of San Francisco.

CONTRACT AWARDED
PASADENA, Cal.—Phoenix - Day Co., 729 Mission St., San Francisco, at \$578.00 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing special exterior lighting fixtures at the U. S. Post Office in Pasadena.

CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Cal.—W. J. Burgin, 1100 Redonda Ave., Long Beach, at \$1,741.50, was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for changes in Partitions in the U. S. Post Office at Long Beach. 7

COMPLETE BIDS
GLASGOW, Mont.—Montgomery Elevator Co., Moline, Ill., at \$8,032, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for installing one passenger elevator in the U. S. Post Office and Court House at Glasgow.

- Complete bids follow:
 Montgomery Elevator Co., Moline, Ill. \$8,032
 Kimball Bros. Co., Council Bluffs, Iowa 8,270
 Lee-Hoff Mfg. Co., St. Paul, Minn. 8,995
 Gustaf Lagerquist & Sons, Minneapolis, Minn. 9,250
 Otis Elevator Co., Washington, D. C. 9,415

BIDS OPENED
BOISE, Idaho.—R. J. Kingston, Ogden, Utah, at \$7,238, submitted low bid on item 1 to the Chief of the Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for erection of steel towers, antenna system and a radio facility building near Boise, Idaho; Prop. No. 29035.

- Complete bids were:
 R. J. Kingston, Ogden, Utah—(Item 1) \$7238; (Item 2) \$2386.50; (Items 1 & 2) \$10,524.50.
 Draper & Schanche, Roanoke, Va.—\$7635; \$9061; \$10,696.
 Bennett & Taylor, Los Angeles, Cal.—\$7611; \$9204; \$10,815.
 Vernon Bros., Twin Falls, Idaho—\$7888; \$3146; \$11,034.
 Dixie Electric Constr. Co., Montgomery, Ala.—\$7795; \$3398; \$11,193.
 Contracting & Sales Co., Portland, Ore.—\$8907.50; \$3624; \$12,431.50.
 F. A. & G. L. Cole, Cheyenne, Wyo.—\$9940.70; \$3906.80; \$13,547.50.
 Wickes Engrs. & Constr. Co., Des Moines, Iowa—\$10,984; \$3986; \$14,970.
 C. C. Warrington, Cheyenne, Wyo.—(Item 1) \$7862.
 Roy E. Smith, Portland, Ore.—(Item 1) \$7571.20.

Low Bidder
REMODELING Cost, \$150,000
PHOENIX, Arizona.
 Remodel U. S. courthouse, etc. (including elevators).
 Owner—United States Government.
 Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Low Bidder—Thos. L. Dawson Co., 2031 Washington Ave., Kansas City, Mo., \$148,000.

LOW BIDDER
MORMON MESA, Nevada.—R. J. Kingston, Ogden, Utah, on Items 1 and 2, at \$5,552, submitted low bid to the Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility building at Mormon Mesa, Nevada.

BIDS WANTED
WENDOVER and Plymouth, Utah.—Until April 11, bids will be received by the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for erection of five steel towers and radio facility buildings at Wendover and Plymouth, Utah. Proposal No. 29032. The work consists of five 131-ft. steel towers (steel furnished) construction of 15x28-ft. masonry building; concrete foundation, fence, etc. The Government will furnish special equipment. No other radio equipment will be needed. The principal items of work are 1900 c.y. of earthwork; 200 c.y. of concrete; 17,000 brick; 2000 tile; 400 glass brick; 14,000 lbs. reinforcing steel; 400 rods of fencing; 350 c.y. of road materials.

CONTRACT AWARDED
NORTH HOLLYWOOD, Cal.—California Lawn Sprinkler Co., 11844 Hesby St., North Hollywood, at \$735, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at North Hollywood. 7

CONTRACT AWARDED
PORTLAND, Ore.—Otis Elevator Co., Washington, D. C., at \$1,663, was awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for installing new counterbalanced doors, car gates, etc., for freight elevators Nos. 3 and 4 in the U. S. Post Office at Portland.

CONTRACT AWARDED
DOWNEY, Los Angeles Co., Cal.—Peterson Bros., Inglewood, at \$769, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for lawn sprinkler system at the U. S. Post Office at Downey.

BIDS WANTED
CENTRALIA, Wash.—As previously reported, until April 26, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior waterproofing at the U. S. Post Office at Centralia.
 Drawings and specifications may be obtained from the above office and from the Custodian of the building at Centralia.

Complete Bids
POST OFFICE Cost, \$.....
GLASGOW, Montana.
 U. S. Post Office and Courthouse (except elevator).
 Owner—United States Government.
 Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Low Bidder—Busboom and Rauh, Salina, Kansas, \$169,700.
 Complete bids follow:
Busboom & Rauh, Salina, Kansas:
 (Item 1) \$169,700; (Alt. A) add \$300; (Alt. B) add \$500.
Thos. L. Dawson Co., Kansas City, Mo.: \$172,000; (A) add \$900; (B) add \$800.
James Leck Co., Minneapolis, Minn.: \$172,185; (A) add \$300; (B) add \$730.

Ring Const. Corp., Minneapolis, Minn.: \$178,000; (A) deduct \$2000; (B) add \$1,300.

Steinberg Const. Co., St. Paul, Minn.: \$179,161; (A) deduct \$2300; (B) add \$700.

Viesko & Hannaman, Salem, Oregon: \$179,789; (A) deduct \$1000; (B) add \$575.

J. C. Hoepfling, Miles City, Mont.: \$179,800; (A) deduct \$2010; (B) add \$630.

Fred R. Comb Co., Minneapolis, Minn.: \$181,734; (A) deduct \$1,300; (B) add \$750.

McGough Brothers, St. Paul, Minn.: \$180,400; (A) add \$700; (B) add \$100.

S. W. Johanson & Co., Aberdeen, S. D.: \$182,600; (A) no change; (B) add \$660.

James I. Barnes Const. Co., Santa Monica, Calif.: \$184,000; (A) deduct \$1000; (B) no change.

MacDonald Const. Co., St. Louis, Mo.: \$184,364; (A) deduct \$2100; (B) deduct \$1000.

Jos. A. Bass Co., Minneapolis, Minn.: \$185,640; (A) deduct \$1640; (B) add \$724.

J. H. Mackley Co., Minot, N. D.: \$187,772; (A) deduct \$4197; (B) add \$748.

E. & E. J. Pfozler, Philadelphia, Pa.: \$193,473; (A) deduct \$2200; (B) deduct \$200.

A. F. Mowat Const. Co., Seattle: \$194,775; (A) deduct \$2000; (B) add \$480.

Blauner Const. Co., Chicago: \$197,300; (A) deduct \$2000; (B) add \$1500.

Fred B. Dudley, Great Falls, Mont.: \$203,900; (A) deduct \$3200; (B) deduct \$85.

R. E. Campbell, Los Angeles: \$217,400; (A) deduct \$2000; (B) add \$500.

CONTRACT AWARDED
PASADENA, Los Angeles Co., Cal.—Watkins Co., Ltd., 4636 Pacific Blvd., Vernon, Calif., at \$411, was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models at the U. S. Post Office at Pasadena. 7

CONTRACT AWARDED
GRANTS PASS, Ore.—Cesco Steel Products Co., Chicago, Ill., at \$890, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Grants Pass, Oregon. 7

COMPLETE BIDS
MARE ISLAND, Solano Co., Calif.
 —Following are complete bids submitted to the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for power-operated capstans at Navy Yard, Mare Island. Spec. 8515.
 Bids were received as follows:
 (Item 1) 7 capstans, delivered and installed, time 720 days; Bureau design; (2) 7 capstans, delivered only, time 360 days, Bureau design; (3) 7 capstans, delivered and installed, 720 days, first alternate design; (4) 7 capstans, delivered only, 360 days, first alternate design; (5) omit one capstan, deduct from items 1, 2, 3 or 4; (6) omit two capstans, deduct from items 1, 2, 3, or 4; (7) omit 3

capstans, deduct from items 1, 2, 3 or 4; (8) omit four capstans, deduct from items 1, 2, 3 or 4; (9) price for services for an expert erector per day; (10) 7 capstans, delivered and installed, 720 days, second alternate design; (11) 7 capstans, delivered, only, 360 days, second alternate design; (12) omit one capstan, deduct from 10 and 11; (13) omit two capstans, deduct from 10 and 11; (14) omit three capstans, deduct from 10 and 11; (5) omit four capstans, deduct from 10 and 11; (16) price for services of erector per day.

Complete bids follow:
The Silent Hoist Winch & Crane Co., 762 Henry St., Brooklyn, N. Y.:
 (1) \$31,548; (2) \$27,898; (3) \$29,340; (4) \$26,690; (5a) \$33,640; (5b) \$33,080; (5c) \$33,633; (5d) \$2703; (6a) \$7274; (6b) \$6154; (6c) \$6088; (6d) \$5588; (7a) \$10,907; (7b) \$9227; (7c) \$10,058; (7d) \$5378; (8a) \$15,489; (8b) \$13,249; (8c) \$14,360; (8d) \$12,170; (9) \$17; (10) \$35,986; (11) \$31,886; (12a) \$4097; (12b) \$3467; (13a) \$18188; (13b) \$6928; (14a) \$11,278; (14b) \$10,388; (15a) \$17,478; (15b) \$14,958; (16) \$17.

The Enterprise Foundry Corp., San Francisco:
 (1) \$35,094; (2) \$33,894; (3) \$32,934; (4) \$32,734; (5a) \$4012; (5b) \$3712; (5c) \$3702; (5d) \$3402; (6a) \$8024; (6b) \$7424; (6c) \$7404; (6d) \$6804; (7a) \$12,036; (7b) \$11,136; (7c) \$11,106; (7d) \$10,206; (8a) \$16,450; (8b) \$15,750; (8c) \$15,727; (8d) \$14,527; (9) \$15; (10) \$35,316; (11) \$34,116; (12a) \$4106; (12b) \$3806; (13a) \$8212; (13b) \$7612; (14a) \$12,318; (14b) \$11,418; (15a) \$17,551; (15b) \$16,351; (16) \$15,000.

McKiernan-Terry Corp., Harrison, N. J.:
 (1) \$37,496; (2) \$35,347; (3) \$34,724; (4) \$32,575; (5a) \$4100; (5b) \$3850; (5c) \$3523; (5d) \$3573; (6a) \$7800; (6b) \$7300; (6c) \$7246; (6d) \$6746; (7a) \$11,700; (7b) \$10,950; (7c) \$10,859; (7d) \$10,119; (8a) \$17,216; (8b) \$16,200; (8c) \$16,200; (8d) \$15,022; (9) \$21; (10) \$35,783; (11) \$33,157; (12a) \$3900; (12b) \$3650; (13a) \$7400; (13b) \$6900; (14a) \$11,000; (14b) \$10,350; (15a) \$16,400; (15b) \$15,400; (16) \$21,000.

Foote Bros. Gear & Mch'y. Corp., Chicago:
 (1) \$41,635; (2) \$39,747; (5b) \$3926; (5d) \$3760; (6b) \$7652; (6d) \$7522; (7b) \$11,778; (7d) \$11,280; (8b) \$18,204; (8c) \$17,040; (9) \$20; (11) \$43,370; (12b) \$4057; (13b) \$8114; (14b) \$12,171; (15b) \$18,228; (16) \$20.

Long Beach Iron Works, Long Beach, Calif.:
 (1) \$48,800; (2) \$46,500; (3) \$40,800; (4) \$38,500; (5a) \$5560; (5b) \$5310; (5c) \$4560; (5d) \$4310; (6a) \$11,320; (6b) \$10,620; (6c) \$9120; (6d) \$8620; (7a) \$16,980; (7b) \$15,930; (7c) \$13,680; (7d) \$12,930; (8a) \$22,640; (8b) \$21,240; (8c) \$18,240; (8d) \$17,240; (9) \$25; (10) \$45,000; (11) \$42,700; (12a) \$4942; (12b) \$4692; (13a) \$9884; (13b) \$9344; (14) \$14,826; (14b) \$14,616; (15a) \$19,768; (15b) \$18,768; (16) \$25. Deduct 1% for 1 to 15 inclusive and 7% for 16 to 15 inclusive.

America Engr. Co., Philadelphia:
 (3) \$68,496; (4) \$63,648; (5a) \$7601; (5d) \$7601; (6c) \$15,202; (6d) \$15,202; (7c) \$22,803; (7d) \$22,803; (8c) \$30,804; (8d) \$30,614; (9) \$28; (10) \$58,096; (11) \$53,248; (12a) \$6478; (12b) \$6478; (13a) \$12,956; (13b) \$12,956; (14a) \$19,434; (14b) \$19,434; (15a) \$26,322; (15b) \$26,322; (16) \$28.00.

MacKay Machine Co., Inc., Seattle:
 (11) \$45,625; (12b) \$6235; (13b) \$12,525; (14b) \$18,975; (15b) \$25,300; (16) \$20.00.

CONTRACT AWARDED
SANTA BARBARA, Calif.—Nick Hemmringa, 627 88th Ave., San Francisco, at \$320, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for flagstone walks, etc., at the U. S. Post Office at Santa Barbara.

SUB-CONTRACTS AWARDED

KERN and Riverside Cos., Calif.—Eser Wikholm, 656½ S. Western Ave. Los Angeles, reports subcontracts for 40 residential units and utilities Shafter Tract, Kern County, Shafter, and 40 units and utilities on the Coachella Tract, Riverside County, Coachella, for the Farm Security Administration, awarded as follows: Plumbing, Traverse & Ridel; electric wiring, Newbery Electric Corp.; Painting, Carl Norman; road work, Geo. Gardner & Sons; Concrete, G. Braddock, Indio; sash and doors, Red River Lumber Co.; sheet metal, Emil Brown & Co.

BIDS OPENED

SANTA BARBARA, Cal.—Nick Hemmings, 627 38th Ave., San Francisco, at \$977, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for fence, curbs, etc., at the U. S. Post Office at Santa Barbara.

Complete bids were:
Nick Hemmings, San Francisco—\$977.
Robert D. Paterson, Santa Barbara, Cal.—\$1063.

J. J. Nunneman, Santa Barbara, Cal.—\$1196.

James I. Barnes Constr. Co., Santa Monica, Cal.—\$1268.

J. H. McQuiddy, Santa Barbara, Cal.—\$1500.

Henry L. Grohne, Decatur, Ill.—\$1938.

Contract Awarded
GARAGE, ETC. Cost, \$79,900
HICKAM FIELD, T. H.
Construction of the Post garage and parking areas.

Owner—U. S. Government (Capt. H. E. Nurse, Constructing QM).
Plans prepared by the Office of the QM General, Constructing Division, Washington, D. C.
Contractor—Moses Akiona, Honolulu.

BIDS WANTED

SACRAMENTO AIR DEPOT—Until May 24, 2 p. m., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, Calif., for the construction of Engine Test Building.

Plans and specifications may be obtained from the above office upon deposit of \$20 certified check, payable to the Treasurer of the United States.

BIDS WANTED

AUBURN, Pa. Cer Co., Cal.—Until Apr. 26, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of concrete sidewalks, etc., at the U. S. Post Office at Auburn.

Plans and specifications obtainable from the above office and from the Custodian of the building at Auburn.

BIDS WANTED

CENTRALIA, Wash.—Until April 26, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for exterior waterproofing at the U.S.P.O. at Centralia.

BIDS WANTED

SAN FRANCISCO.—Until April 6, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing materials and performing the work for roof repairs to the Post Office and Court House, San Francisco.

BIDS OPENED

FORT MASON, Cal.—H. Ekart and

Sons, 1325 23rd Ave., San Francisco, at \$308.75 submitted low bid to the Constructing Quartermaster, Col. H. E. Fitz, Fort Mason, under Bid No. 6616-3-8, for painting exteriors of buildings at San Francisco National Cemetery, Presidio of San Francisco.

Complete bids follow:
H. Ekart & Sons.....\$308.75
Patterson Brothers.....395.00
Pacific Painting & Decorating 435.00
Deemer & Deemer.....456.50
Erling & Anderson.....474.00
Aristo Painting Co.....485.00
Lee Dixon Co.....494.00
R. P. Piombo.....566.00
Emil Solve.....825.00

BIDS WANTED

SAN FRANCISCO.—As previously reported, bids will be received until April 6, 10 A. M., by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing materials and performing the work for roof repairs to the U. S. P. O. and Court House, San Francisco.

Specifications obtainable from the above office and from the Custodian of the building at San Francisco.

8— CLUB BUILDINGS

Preparing Plans
ALTERATIONS & ADDITIONS
TURLOCK, Stanislaus Co., Cal. \$.....

Alterations and additions to present one-story Pentecostal Hall, involving increasing dance floor, extending stage, heating system, etc.

Owner—Pentecostal Hall Assn.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Correction in Contractor's Name
BOWLING HALL Cost, \$.....
MERCED, Merced Co., Cal.

One story concrete or hollow tile and concrete bldg. (50x150 ft.), containing eight bowling alleys, pool room and restaurant.

Owner—Forest Harris, 5 20th Street, Merced.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Contractor—P. P. Moore, 3662 Verrue Ave., Fresno.

Plans Being Figured—Bids Close
April 5, 5 P. M.
ALTERATIONS Cost, \$.....
ORINDA, Alameda Co., Cal. Orinda Country Club.

General alterations to present club building.

Owner—Orinda Country Club.
Architect—Masten & Hurd, 442 Post St., San Francisco.

Plans are being figured by a selected list of contractors.

9— HOSPITALS

Preparing Working Drawings
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 3700 California.

Alterations to Children's Hospital, involving steel work, concrete, tile and terrazzo, heating, and elevator.

Owner—Children's Hospital.
Architect—Masten & Hurd, 442 Post Street.

Plans will be completed in about three weeks.

12— POWER PLANTS

TO PREPARE PLANS
GLENDALE, Los Angeles Co., Cal.—The Glendale city council has authorized the preparation of plans and specifications for a municipal steam generating plant to cost between \$1,000,000 and \$1,500,000. City Manager E. A. Ingham recommended the proj-

ect reporting to the council that the plant will furnish the additional power expected the later part of 1933. The proposed plant will have a 15,000-kilowatt capacity. P. Deiderich is superintendent of plant and production.

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

Bids Wanted—To Close April 12, 2:00 P. M.

DETENTION HOME
Est. Cost, \$25,000 to \$30,000
MODESTO, Stanislaus Co., Cal.
One-story all reinforced concrete detention home (approx. 30x125 ft.).
Owner—County of Stanislaus.

Architect—G. N. Hilburn, 1211 K St., Modesto.
Plans and specifications obtainable from the architect upon deposit of \$25.

Following have taken out plans:
C. A. Hillberg, P.O. Box 52, Turlock.

Harry E. Brown, Rt. 4, Box 1551, Modesto.

Cotner, Tomnitz & Kling, Rt. 3, Box 1156, Modesto.

BIDS OPENED

SAN FRANCISCO.—Alta Roofing Co., 976 Indiana St., at \$283.50, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for removing old roof and laying new tar and gravel roof at Eleventh and Bryant Streets.

Complete bids were:
Alta Roofing Co.....\$283.50
Empire Roofing Co.....287.00
J. W. Bender Roofing Co.....359.00
Jack Johnson Roofing Co.....372.00

BIDS OPENED

MONTEREY CO., Cal.—Victor L. and Wm. B. Jacobson, 3338 Madera Ave., Los Angeles, submitted low bid to the State Dept. of Public Works, Division of Highways, San Luis Obispo, Mar. 29, at \$7484, for a 12-man bunkhouse and appurtenances to be built at Willow Springs, 28 miles north of San Simeon, Monterey Co.

Complete bids follow:
Victor L. & Wm. B. Jacobson, Los Angeles, \$7,484.

O. R. Ochs, San Luis Obispo, \$7,600.
F. C. Stolte Co., Pacific Grove, \$8,494.

Theo. M. Maino, San Luis Obispo, \$8,740.

M. J. Murphy, Inc., Carmel, \$9,368.
George Waters, Santa Maria, \$9,422.

Bids Wanted—To Close April 8, 5:00 P. M.

REST ROOM Cost, \$4,000
SACRAMENTO, Sacramento Co., Cal.
Land Park.

Rest room.
Owner—City of Sacramento.
Architect—Herbert Goodpastor, Miluta Bldg., Sacramento.

Plans and specifications may be obtained at the office of the City Clerk, City Hall.

Complete Bids
JAIL ADDITION Cost, \$.....
MADERA, Madera Co., Calif.

Two-story reinforced concrete and granite wing addition to connect with existing building by 20-foot court; remodel front of existing bldg.; new office rooms, women's ward on 2nd floor of new wing; basement to house kitchen, laundry and equipment.

Owner—County of Madera.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Low Bidder—R. W. Brown Const. Co., 400 North C St., Madera.

Complete bids follow:
R. W. Brown Const. Co., \$44,544; (1)

1904; (2) \$4300; (3) \$224.
 an & Sons: \$46,960; (1) \$2071;
 (2) \$4090; (3) \$324.
 State Const. Co.: \$48,743; (1) \$1-
 750; (2) \$2950; (3) \$175.
 J. Ochs: \$49,371; (1) \$2100; (2)
 \$4100; (3) \$352.
 rris Const. Co.: \$52,294; (1) \$1625;
 (2) \$3000; (3) \$200.
 whitlitt-Shields & Fisher: \$55,900;
 (1) \$2626; (2) \$4195; (3) \$155.

is Wanted—To Close April 19,
 2 P. M.
INDUSTRIAL BLDG. Cost, \$.....
 OCKTON, San Joaquin Co., Calif.
 Stockton State Hospital.
 Section and completion of a vegeta-
 ble preparation building consist-
 ing of a one-story reinforced
 concrete building complete with
 all mechanical & electrical work;
 steel windows, steel columns
 and beams, wood roof framing
 and sheathing; hollow tile parti-
 tions and wood framing.
 ner—State of California.
 ichtect—Geo. B. McDougall, State
 Architect, Public Works Building,
 12th and N Sts., Sacramento.
 Plans and specifications obtainable
 in the State Architect's office up-
 deposit of \$25, returnable.

bids must be accompanied by cer-
 ed or cashier's check payable to
 Director of Public Works, in the
 amount of 10% of bid.

ALAMEDA COUNTY, Calif.—The
 ublic Utilities Commission, City
 ll, San Francisco, is not receiving
 s, as reported in error, March 23,
 alterations for Calaveras and
 ool cottages in Alameda County.
 13

BIDS WANTED
SAN FRANCISCO—Until April 6,
 P. M., bids will be received by the
 Francisco Public Utilities Com-
 mission, Room 287, City Hall, under
 D. Spec. No. 174, for removing,
 nishing and installing the con-
 sider tubes in the two Wheeler con-
 densers at Central Pumps, on Sloat
 d. between 22nd and 23rd Aves.
 Specifications obtainable on sixth
 or, 425 Mason St., upon deposit
 \$5.00.

paring Preliminary Plans
MORIAL Est. Cost, \$15,000
DEO, Contra Costa Co., Calif.
 Rodeo Avenue.

w veterans' memorial building.
 ner—County of Contra Costa (C.
 C. Wells, County Clerk).
 Architects—K. O. Narbett, 462 31st
 Ave., Richmond, and E. Geoffrey
 Bangs, 580 Market St., San Fran-
 cisco.

General bids will be asked upon
 completion of plans.

is Wanted—To Close April 18,
 3 P. M.

LACE INTERIORS Cost, \$.....
ERBA BUENA SHOALS. Site of
 the 1939 World's Fair.
 erior of Palaces 5, 6, 7, 8 and 9;
 Contract No. 156.
 ner—San Francisco Bay Exposi-
 tion, Inc. (L. W. Cutler, Pres.),
 585 Bush St., San Francisco.
 ns by San Francisco Bay Exposi-
 tion Architectural Commission, 585 Bush
 St., San Francisco.
 Plans and specifications may be
 ained from the above office upon
 osit of \$20.00.

is Wanted—To Close April 18,
 3 P. M.

LACE INTERIORS Cost, \$.....
ERBA BUENA SHOALS. Site of
 the 1939 World's Fair.
 erior of Palaces 11, 12, 13 and 14;
 Contract No. 160.

Owner—San Francisco Bay Exposi-
 tion, Inc. (L. W. Cutler, Pres.),
 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Archi-
 tectural Commission, 585 Bush
 St., San Francisco.
 Plans and specifications may be
 obtained from the above office upon
 deposit of \$20.00.

Sub-Contract Awarded
STATE LIBRARY Cost, \$712,941
SALEM, Marion County, Oregon.
 Erection and completion of Oregon
 State Library Building.
 Owner—State of Oregon.
 Architects—Whitehouse & Church, 619
 Railway Exchange Bldg., Port-
 land.
 Contractor—L. H. Hoffman, 715 SW
 Columbia, Portland.
 Plastering—James F. Smith, 271 Min-
 na St., San Francisco, \$74,000.

LOW BIDDER
YERBA BUENA SHOALS.—Eaton
 & Smith, 715 Ocean Ave., San Fran-
 cisco, submitted low bid to the San
 Francisco Bay Exposition, Inc. (L.
 W. Cutler, Pres.), 585 Bush St., San
 Francisco, for furnishing, delivering
 and spreading loam from Bethel and
 Jersey Islands, at Yerba Buena
 Shoals; Contract No. 140. * 13

Low Bidders
JAIL ADDITION Cost, \$.....
MADERA, Madera Co., Calif.
 Two - story reinforced concrete and
 granite wing addition to connect
 with existing building by 20-foot
 court; remodel front of existing
 bldg.; new office rooms, women's
 ward on 2nd floor of new wing;
 basement to house kitchen, laundry
 and equipment.
 Owner—County of Madera.
 Architect—Ernest J. Kump, Rowell
 Bldg., Fresno.

Low Bidder—R. W. Brown Const. Co.,
 400 North C St., Madera, \$44,544.
 Second and third low bids follow:
 L. H. Hansen & Sons, Fresno.....\$46,960
 Midstate Const. Co., Fresno..... 48,743
 Bids held under advisement.

Bids In—Held Under Advisement
PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of
 the 1939 World's Fair.
 General plastering, Central Tower, at
 the Exposition site; Contract No.
 153.

Owner—San Francisco Bay Exposi-
 tion, Inc. (L. W. Cutler, Pres.),
 585 Bush St., San Francisco.
 Plans by San Francisco Bay Exposi-
 tion Architectural Commission,
 585 Bush St., San Francisco.

NOTICE OF SALE
SAN FRANCISCO, Cal.—Joseph J.
 Phillips, Director of Property, will
 sell at public auction on April 5, at
 9:30 a.m., on the premises, that City-
 owned building located at 378-384
 30th St., San Francisco.

Bids Opened
ADDITION
SACRAMENTO, Calif. I Street, bet.
 Ninth and Tenth Sts.
 Two-story reinforced concrete addi-
 tion to the City Hall.
 Owner—City of Sacramento.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.

Low Bidder—Campbell Constr. Co.,
 800 R St., Sacramento—\$34,723.
 Complete bids follow:
 Campbell Constr. Co., Sacramento
 —\$34,723; Alt. \$5752.
 Wm. C. Keating, Sacramento —
 \$35,000; Alt. \$5600.
 Lawrence Construction Co., Sacra-
 mento—\$36,967; Alt. \$4520.
 Chas. F. Unger, Sacramento—\$38-
 862; Alt. \$6882.
 Otto Steinbrenner, Sacramento —

\$38,994; Alt. \$8085.
 Holdener Constr. Co., Sacramento
 mento—\$39,994; Alt. \$6200.
 —\$39,225; Alt. \$6918.
 Lindgren & Swinerton, Inc., Sacra-
 H. W. Robertson, Sacramento —
 \$40,916; Alt. \$5340.

14— RESIDENCE

Preparing Plans
RESIDENCE Cost, \$8,000
STOCKTON, San Joaquin Co., Cal.
 One-story frame residence; English
 type (6 rooms).
 Owner—Withheld.
 Architect—Albert H. Larsen, 333
 Kearny St., San Francisco.

Contract Awarded
DUPLEX RESIDENCE Cost, \$6,000
SANTA ROSA, Sonoma Co., Cal.
 New duplex residence.
 Owner—E. F. Pegg.
 Architect—Wm. Herbert, Rosenberg
 Bldg., Santa Rosa.

Plans Being Figured
RESIDENCE Est. Cost, \$8,000
SANTA ROSA, Sonoma Co., Cal.
 Two-story frame and stucco resi-
 dence (6 rooms, 2 baths), shingle
 roof, hardwood floors, tile baths,
 etc.
 Owner—Dr. Carl Sawyer, c/o Archt.
 Architect—Wm. Herbert, Rosenberg
 Bldg., Santa Rosa.

Plans now being figured by a se-
 lected list of contractors.

Preparing Working Drawings
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal., near
 Mills College.
 Two-story frame and stucco resi-
 dence (6 rooms), shingle roof.
 Owner—Withheld.
 Architect—Geo. Patton Simonds, 80
 Main St., Hayward.

Working Drawings Completed
RESIDENCE Cost, \$6,500
ROSS, Marin Co., Cal.
 One-story and basement frame re-
 sidence (5 rooms), shake roof,
 hardwood floors, tile bath, etc.
 Owner—Withheld.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.
 Owner will receive figure from a
 selected contractor.

Contract Awarded
RESIDENCES Cost, \$9700
HAYWARD, Alameda Co., Cal.
 Three 4-room residences.
 Owner—Withheld.
 Architect—Geo. Patton Simonds, 80
 Main St., Hayward.
 Contractor—Arthur Holyoake, 2839
 E Ave., Hayward.

Preparing Working Drawings
RESIDENCE Cost, \$8,200
EL CERRITO, Contra Costa County,
 Cal. Mira Vista Tract.
 Two-story frame residence, warm air,
 gas heating plant, hardwood
 floors, tile baths, shake roof, etc.
 Owner—Withheld.
 Architect—Keith O. Narbett, 462 31st
 Ave., Richmond.

Bids In—Held Under Advisement
RESIDENCE Cost, \$.....
ORINDA, Alameda Co., Calif.
 One-story frame residence (6 rooms,
 2 baths) shingle exterior, plas-
 ter interior, hardwood floors, tile
 baths, etc.
 Owner—P. S. Clark, c/o architect...
 Architect—John B. Anthony, 3252
 Lakeshore Avenue, Oakland.

Bids In—Held Under Advisement
RESIDENCE Cost, \$.....
ORINDA, Alameda Co., Calif.
 One-story frame wood residence (7
 rooms, wood sash, shingle roof,

hardwood floors, tile baths, hot air heating system, etc.
 Owner—G. M. Heinrici, c/o architect.
 Architect—John B. Anthony, 3252 Lakeshore Avenue, Oakland.

Preparing Plans
RESIDENCES Cost, \$6000 each
 SAN MATEO COUNTY, Calif. Royal Oaks.

Five one-story frame and stucco residences (5- and 6-rms.) hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, \$13,000
 PALO ALTO, Santa Clara Co., Calif. 165 Edgewood Drive.
 Two - story frame residence and garage.

Owner and Builder—C. W. Kemper, 125 Bryant St., Palo Alto.
 Architect—Not Given. 14

Sub-Contracts Awarded
ALTERATIONS Cost, \$.....
 WOODSIDE, San Mateo Co., Calif. Alterations to residence.
 Owner—James F. Waters.
 Architect—Douglas D. Stone, 381 Bush St., San Francisco.

Contractor—Lindgren and Swintorn, Inc. 615 Standard Oil Bldg., San Francisco.
Electric Wiring—Dingman's Electric Service Shop, 1027 Allerton St., Redwood City.

Sheet Metal—Mead Sheet Metal Wks. 2451 El Camino Real, Palo Alto.
Roofing—C. L. Frost, 165 Webster St., Monterey.

Plastering—L. R. Ward, 137 Arundel Road, Burlingame.

Plumbing and Fixtures—V. L. Dopee, 247 Iris St., Redwood City.
 Sub-contracts previously awarded published February 21. 14

Bids In—Held Under Advertisment
RESIDENCE Cost, \$.....
 FRESNO, Fresno Co., Calif. Minnewawa, south of Butler.
 One -story and basement Pumittle construction residence; air conditioning.

Owner—Dr. Otto Deiderich.
 Architect—H. Rafael Lake, Mattei Bldg., Fresno.
 Low Bidder—Harris Const. Co., 577 McKinley Ave., Fresno.

Complete bids follow:

	Prop. A	Prop. B
Harris Const. Co.	\$10,894	\$13,382
Ericson & House	12,800	16,000
Walker & Walker	13,683	14,450
R. Pedersen	11,864	14,450
W. J. Ochs	11,984	15,012

PLANS BEING FIGURED
 LOS ANGELES, Cal.—Arch. Lester G. Scherer, 8555 Sunset Blvd., Los Angeles, is taking bids from a selected list of contractors for a 2-story, 15-room residence to be built at Mulholland Drive and Lake Glen Drive for Kenny Baker; frame construction, stone veneer and shake exterior, shingle roof, wood sash, carpeted floors, 4 tile baths, gas unit heating system, 4 flagstone terraces, 3-car garage with servants' quarters, swimming pool and bath house. Estimated cost, \$45,000. 14

Plans Being Figured—Bids Close
 April 6, 2 P. M.
RESIDENCE Cost, \$.....
 BERKELEY, Alameda Co., Cal. Hotel Fairmont Tract.
 Two - story frame and stucco residence (10 rooms, 4 baths, 3 toilet rooms) steel sash, shake roof, hardwood floors, tile baths, warm air heating plant, canvas walls.
 Owner—C. C. Young, c/o Architect.

Architect—Angus McSweeney, 604 Mission St., San Francisco.

Plans are being figured by the following selected list of contractors:
 George Windsor, 11 Sharon Ave., Piedmont.

D. B. Gladstone, 557 Market St., San Francisco.
 Jacks & Irvine, 620 Market Street, San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
 Frank G. Appelbe, 1067 Walker Avenue, Oakland.

C. M. Teigland, 525 49th Street, Oakland.
 A. T. Beckett, 224 Scenic Avenue, Oakland.

J. M. Walker, 401 Spruce Street, Oakland.

Bids Opened
RESIDENCE Cost, \$.....
 STOCKTON, San Joaquin Co., Calif. Two - story frame and brick veneer residence (8 rooms) heavy shingle roof, hardwood floors, tile baths, steel sash, etc.

Owner—Harry Cassidy, Jr., c/o Architect.

Architect—J. U. Cloudsley, Exchange Bldg., Stockton.
 Low Bidder—J. F. Watson, 1118 W. Vine St., Stockton, \$15,335.50.

Complete bids follow:

J. F. Watson, Stockton	\$15,335.50
W. T. McCarty, Stockton	15,956.00
C. E. Totten, Stockton	16,555.00
Wm. J. Scott, Stockton	17,394.10

Preparing Plans
RESIDENCE Cost, \$6000
 SAN FRANCISCO, Sunset District. One - story and basement frame residence (5 rooms) hardwood floors wood sash, tile bath, etc.
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny.

Completing Preliminary Plans
RESIDENCE Est. Cost, \$15,000
 HILLSBOROUGH, San Mateo Co.
 Two - story frame and stucco residence (9 rooms) shingle roof, hardwood floors, etc.

Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Bids Opened
DUPLEX RESIDENCE Cost, \$.....
 OAKLAND, Alameda Co. Cal. Eighth Avenue and 24th Street.

One- and part two-story frame duplex residence (Colonial style, vitrolite baths and kitchen, hardwood floors, shingle roof, wood sash, etc.)
 Owner—Mr. Graham, c/o Architect.
 Architect—L. M. Johnson, 2219 7th Ave., Oakland.

Low Bidder—Gaubert Brothers, 4735 Brookdale Ave., Oakland, \$9,200.

Other bids were:

T. H. Lapham, Oakland	\$9,580
J. R. Armstrong, Oakland	9,860
Mark Bristol, Oakland	10,222
H. P. Atkinson, Orinda	10,400

Preparing Working Drawings
RESIDENCE Est. Cost, \$6,500
 PIEDMONT PINES, Alameda Co., Calif. Felton Drive.

One - story frame and stucco residence (4 rms.) shake roof, hardwood floors, tile baths, etc.

Owner—Withheld.
 Architect—Charles W. McCall, 837 Santa Rey Road, Oakland.

Preparing Working Drawings
RESIDENCE Cost, \$.....
 ORINDA, Alameda Co., Calif. 1½-story ranch house (wood exterior, shingle roof, linoleum floors, canvas walls, etc.)
 Owner—Withheld.
 Architect—Williams & Wastell, 337 17th St., Oakland.

Preparing Working Drawings
RESIDENCE Est. Cost, \$550
 SAN MATEO, San Mateo Co., Calif. One-story frame residence with red wood siding (5 rooms) tile bath room, linoleum kitchen, hardwood floors, heavy shake roof.

Owner—A. H. Luchs, c/o Architect.
 Architect—Mark Daniels, 101 Post St., San Francisco.

The owner will take bids upon completion of plans.

Preparing Working Drawings
RESIDENCE Cost, \$7,000
 EL CERRITO, Contra Costa Co., Ca. Mira Vista Tract.

Two-story frame residence, hardwood floors, tile baths, shake roof warm air heating plant.
 Owner—Withheld.
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Working Drawings Completed
RESIDENCE Cost, \$3,000
 MILLBRAE HIGHLANDS, San Mateo Co., Cal.

Two-story frame residence (7 room 2 baths), hardwood floors, tile baths, wood sash, etc.
 Owner—J. M. Johnson, c/o Architect.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
 HILLSBOROUGH, San Mateo Co., Calif.

Two-story frame and stucco residence (10 rooms, 4 baths), tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
 Owner—Mr. Stonelake, c/o Architect.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—Lengfeld & Ojund, L 220 Third Ave., San Mateo.

Plumbing—Harry Lee, 220 California Drive, Burlingame.

Sheet Metal—G. & M. Sheet Metal Works, 504 9th Ave., San Mateo.
 Brick and Stone Work—Chas. O. & Sons, 1033 Chula Vista Ave., Burlingame.

Painting—A. Sorensen, 523 Corcoran Drive, Burlingame.

OPENING DATE POSTPONED
CONTRA COSTA CO., Calif.

pire Constr. Co., Ltd., 428 Russ Bldg. San Francisco (Sutter 2989), desubids not later than April 7 (postponed from April 1), on the following trades for construction of a 2-story, 8-room residence, with a rate 3-car garage, on the Mor Highway, in Contra Costa Co. Estimated cost, \$15,000:

Excavation, concrete work, forcing steel, brick work and brick, finish hardware, rough br, mill work, overhead doors, metal work, plastering, plumbing, drain tile, electric wiring, shake tile roof, glass and glazing, linoleum floors and linoleum sinks, hardwood floors, terrazzo floors, metal room accessories, painting, warm heating, and Venetian blinds.

Plans and specifications available at the offices of the Empire C. Co.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
 TRACY, San Joaquin Co., Calif. One-story residence (5 rooms),

light wall constr., shingle roof, warm air heating system, wood floors, tile baths.

Owner—G. M. Powell, c/o Architect—Hertzka and Knowlton, Pine St., San Francisco.

Contractor—Chas. F. Hill, 1254 1st St., Stockton.

Plumbing and Sheet Metal—D. Ray, 735 E. Lafayette Street, Stockton.

Brick and Stone Work and Hollow
Tile—Roy W. Strim, 1430 East
Walnut St., Stockton.
Mill Work—Jaekle Bros., 948 3rd St.,
Napa.

Sub Contracts Awarded
RESIDENCE Cost, \$16,400
PALO ALTO, Santa Clara Co., Cal.
141 Dana St.

Two-story frame residence and gar-
rage.

Owner—Frank J. Miller.
Architect—Not Given.

Contractor—Aro & Okerman, Box
433, Palo Alto.

Plumbing—Lee & Sharp, 611 Em-
erson St., Palo Alto.
Heating and Sheet Metal—Stanford
Sheet Metal Works, 815 High St.,
Palo Alto.

Class and Lumber—Merner Lumber
Co., 795 State Highway, Palo
Alto.

Brick and Stone Work—Leon Lobaza,
1143 Crane, Menlo Park.

Drainage—Everett S. Strain, Rte. 1,
Box 539, San Francisco Highway,
Palo Alto.

Foundations and Concrete—Joe Em-
ma, Rte. 1, Box 294, East Wil-
lows Road, Palo Alto.

Mill Work—Progress Lumber Co.,
Charter, Redwood City. 14

To Be Done By Day's Work
RESIDENCE Cost, \$10,500
OAKLAND, Alameda Co., Cal. 5831
Acacia Ave.

Two-story frame residence (8 rms.).

Owner & Builder—C. C. Eddy, 3833
Park Blvd.

Architect—Not Given. 14

Contract Awarded
RESIDENCE Est. Cost, \$4,800
SANTA ROSA, Sonoma Co., Cal.

One-story frame and wood siding
residence (5 rooms), wood shing-
le roof, gas floor furnaces, hard-
wood floors, tile bath, etc.

Owner—D. G. Saunders.
Architect—Wm. Herbert, Rosenberg
Bldg., Santa Rosa.

Contractor—C. W. Hansen, P.O. Box
115, Santa Rosa.

Contract Awarded
RESIDENCE Cost, \$25,000
PALO ALTO, San Mateo Co., Calif.

Two-story residence and garage.

Owner—F. S. Bunker, Hillsborough,
Chitico—James H. Mitchell, 369
Pine St., San Francisco.

Contractor—C. H. Bessett Bldg. Co.,
826 Walnut Ave., Burlingame. 14

Plans Completed
RESIDENCE Cost, \$.....
CHMOND, Contra Costa Co., Cal.

One-story Spanish style residence
(5 rooms), tile roof, stucco exte-
rior, plaster interior, hardwood
floors, tile bath, etc.

Owner—Withheld.
Architect—Vincent G. Raney, 233 Post
St., San Francisco.

Bids will be received shortly from
selected list of contractors.

Preparing Preliminary Plans
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Calif.

Grizzly Road.

One-story frame and stucco resi-
dence (8 rooms), hardwood floors,
tile baths, wood sash, etc.

Owner—Mr. Baxter, c/o Architect.
Architect—Clarence W. Mayhew, 6028
Acacia St., Oakland.

Low Bidder
RESIDENCE Cost, \$.....
SAN FRANCISCO, Bretharte Terr.,
off Francisco, betw. Jones and
Leavenworth Sts.

One-story frame residence, composi-

tion roof, warm air heating sys-
tem, hardwood floors, tile baths,
etc.

Owner—Withheld.
Architect—Henry T. Howard, 278
Post St.
Low Bidder—H. J. Hansen.

Preparing Plans
RESIDENCE Cost, \$.....
LAFAYETTE, Contra Costa County,
Calif.

New eight-room residence.

Owner—Withheld.
Architect—Henry T. Howard, 278
Post St., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, \$12,500
VALLEJO, Solano Co., Cal.

Two-story frame and wood siding
residence (8 rooms), steel sash,
gas hot air furnaces, tile floor in
gallery, shingle roof, linoleum
floors in baths, etc.

Owner—Withheld.
Architect—Marshall Dean and John
Hudspeth; Marshall Dean, Ar-
chitect, 2104 Addison St., Berke-
ley.

Preparing Working Drawings
RESIDENCE Est. Cost, \$4300
SAN MATEO CO., near Redwood
City, Royal Oak Garden.

One-story frame and stucco resi-
dence, gas floor furnaces, stucco
shingle roof, tile bath, hardwood
floors, etc.

Owner—Consolidated Development
Co.
Architect—Marshall Dean & John
Hudspeth; Marshall Dean, Ar-
chitect, 2104 Addison St., Berke-
ley.

Preparing Working Drawings
RESIDENCE Cost, \$.....
HAYWARD, Alameda Co., Calif.

One-story frame and stucco resi-
dence (5 rooms) shingle roof, gas
floor furnaces, tile bath, wood
sash, etc.

Owner—Portal Oaks Company.
Architect—Marshall Dean and John
Hudspeth; Marshall Dean, Ar-
chitect, 2104 Addison St., Berke-
ley.

Preparing Working Drawings
RESIDENCE Cost, \$.....
SAN FRANCISCO, 41st and Kirk-
ham, 46th and Judah, 15th and
Ortega.

Nineteen one-story and basement
frame residences.

Owner & Builder—Henry Doelger
Bldr., Inc., 320 Judah St.
Architect—Not Given. 14

To Be Done By Day's Work
RESIDENCES Cost, \$3,000-\$4,000 ea.
SAN FRANCISCO, 41st and Kirk-
ham, 46th and Judah, 15th and
Ortega.

Nineteen one-story and basement
frame residences.

Owner & Builder—Henry Doelger
Bldr., Inc., 320 Judah St.
Architect—Not Given. 14

To Be Done By Day's Work
RESIDENCES Cost, \$4,000 each
SAN FRANCISCO, 36th Ave. and
Ulloa and 36th Ave. and Vicente.

Five one-story and basement frame
residences.

Owner & Builder—Standard Bldg.
Co., 1500 Judah St.
Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$9,570
BERKELEY, Alameda Co., Cal. Lot
41, University Hill.

Two-story frame residence.

Owner—F. L. Cross.
Architect—W. S. Wellington, 260 Cali-
fornia St., San Francisco.

Contractor—Wm. Livingston & Son,
1152 Euclid Ave., Berkeley. 14

Preparing Plans
RESIDENCE Cost, \$.....
SAN FRANCISCO, Westwood High-
lands.

One-story and basement frame and
stucco residence (6 rooms).

Owner—Withheld.
Architect—Albert H. Larsen, 338
Kearny St., San Francisco.

Plans Being Figured—Bids Close
Apr. 8, 5:00 P. M.

RESIDENCE Est. Cost, \$6,300
SACRAMENTO, Calif.

Two-story frame and stucco resi-
dence (8 rooms).

Owner—Mr. Enright, c/o Architect.
Architect—Herbert Goodpastor, Mi-
tau Bldg., Sacramento.

Plans are being figured by a se-
lected list of contractors.

Contract Awarded
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Mont-
clair Area.

Two-story frame and stucco resi-
dence (hardwood floors, tile
baths, wood sash, etc.).

Owner—C. H. Miller, c/o Architect.
Architect—Miller & Warneke, 1700
Financial Center Bldg., Oakland.

Contractor—Olaf Petersen, 3628 Rho-
da Ave., Oakland.

Low Bidder
RESIDENCE Est. Cost, \$8,000
ATHERTON, San Mateo Co., Calif.

One-story frame and stucco resi-
dence (7 rooms; 2 baths), hard-
wood floors, tile baths, wood sash.

Owner—H. J. Johnson.
Architect—Ed. Musson Sharpe, 111
Sutter St., San Francisco.

Low Bidder—J. B. Oswald, 1150 In-
dustrial Ave., Burlingame.

Preparing Preliminary Plans
RESIDENCE Cost, \$.....
SAN FRANCISCO, Normandie Ter-
race.

Two-story and basement frame and
stucco residence, asbestos shing-
le roof, gas heating system,
hardwood floors, tile baths, etc.

Owner—Sbarboro & Jorgensen, 207
Walnut St.
Architect—John H. Ahnden, 822 39th
Ave.

Low Bidder
RESIDENCE Cost, \$.....
KENTFIELD, Marin Co., Calif.

One-story frame residence (8 rooms)
shake roof, steel sash, hardwood
floors, tile baths, air condition-
ing system.

Owner—Mr. Wellman, c/o Architect.
Architect—Carl F. Gromme, Freitas
Bldg., San Rafael.

Low Bidder—T. M. Person and J.
Linggi, 1010 Lincoln Ave., San
Rafael.

15—SCHOOLS

Bids Wanted—To Close April 19,
4:00 P. M.

RECONSTRUCTION Cost, \$.....
OAKLAND, Alameda Co., Cal. 63rd
St. and San Pablo Ave.

Reconstruction of the Golden Gate
School.

Owner—Oakland School District.
Architect—W. G. Corlett, Second Av-
enue and E. Tenth St., Oakland
(School Administration Bldg.).

Plans and specifications may be
obtained at Room 105, Administra-
tion Bldg., upon deposit of \$25. Bids
will be opened in the Board Room.

Bids Wanted—To Close April 27,
2:30 P. M.

GYMNASIUM

Est. cost, gym only, \$226,000
SAN FRANCISCO, George Wash-
ington High School, Geary Blvd.
and Balboa St. and 30th and 32nd
Avenues.

General construction of gymnasium
and athletic field unit; gym 165x
110 ft. of reinforced concrete and
steel frame construction, folding

door dividing girls' and boys' gyms, offices, showers, lockers and locker rooms and two grandstands each 318 ft. long, seating 3000 each, and football field; two bitumen-surfaced play yards.

Owner—City and County of San Francisco.

Architect—Chas. H. Sawyer, City Architect, Room 265, City Hall.

Bids will be taken as follows: (1) gymnasium; (2) athletic field complete; (3) deduct for omitting east grandstand; (4) deduct for omitting two play yards; (5) deduct for omitting all planting.

Plans and specifications may be obtained at the architect's office upon deposit of \$50.

Bids will be received by the Department of Public Works, Room 251, City Hall.

SUB CONTRACTS AWARDED

SAN FRANCISCO.—Anderson and Ringrose, 320 Market St., at \$93,542, awarded following sub contract, for construction of the Boys' Gym Bldg., Lowell High School, S.W. Masonic Ave. and Grove St.

Reinforcing Steel—W. C. Hauck & Co., 280 San Bruno Ave.
Structural Steel—Schrader Iron Wks., Inc., 1247 Harrison St.

Misc. and Ornamental Iron—Monarch Iron Works, 262 7th St.
Metal Forms—Steelform Contracting Co., 666 Harrison St.

Laminized Floors—Acme Floor Co., 1051 Mission St.

Steel Sash—Soule Steel Co., 1750 Army St.

Finish Hardware—Palace Hardware Co., 581 Market St.

Mill Work—Anderson Bros. Planing Mill & Mfg. Co., Quint and Custer Sts.

Tile Work and Asphalt Tile—The American Art Tile Co., 231 Franklin St.

Metal Lockers—Trask & Squier Co., Inc., 39 Natoma St.

Venetian Blinds—D. N. & E. Walter Co., Inc., 562-572 Mission St.

Terrazzo—Henry Gervais Tile & Terrazzo Co., 1727 Mission St.

Glass—Center Hardware & Glass Co., 600 4th St.

Sheet Metal—Tornberg Metal Products, 3117 20th St.

Roofing & Waterproofing—Malott & Peterson, 2412 Harrison St.

Blackboards and Cork Carpets—J. W. Fricke & Co., 420 Market St.

Painting—H. Ankers, 22 Lexington Street.

All of San Francisco.

Bids Wanted—To Close April 19, 2:00 P. M.

SCHOOL BLDGS. Cost, \$.....
SAN LUIS OBISPO, Calif.

Erection and completion of classroom units No. 1 and No. 2 at California Polytechnic School, to consist of two wood frame buildings covered on exterior with wood siding on walls and composition shingles on roof; interior walls are lined with wall board; windows and doors are of wood.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Streets, Sacramento.

Segregated bids will be received as follows: (1) General work combined for both buildings; (2) plumbing and heating work combined for both buildings; (3) electric work combined for both buildings.

Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by a cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

LOW BIDDER

PHOENIX, Ariz.—L. G. Harvey, 2932 N. 2nd St., Phoenix, submitted low bid, at \$39,616, for Maricopa Co. School District, for 5 classrooms and a cafeteria to be added to the Roosevelt School, near Phoenix. Orville A. Bell, architect, Heard Bldg., Phoenix. 15

Bids Wanted—To Close April 7, 8 P. M.

SCHOOL BLDG. Cost, \$32,000
ARVIN KERN Co., Calif.

First unit (6 classrooms) of an eventual sixteen-classroom elementary school building.

Owner—Arvin Grammar School District.

Architect—Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.

First unit of eventual \$130,000 school plant.

Plans and specifications obtainable from the architect's office upon deposit of \$10, returnable.

Certified or cashier's check or bond for 10% required.

LOW BIDDER

NORTH HOLLYWOOD, Los Angeles Co., Calif.—R. J. Daum, 6803 West Blvd., Inglewood, submitted low bid to the Los Angeles Board of Education at \$14,000, for construction of an addition to the shop bldg. at the North Hollywood high school, 5231 Colfax Ave., North Hollywood. Plans were prepared by the architectural section of the board: A. S. Nibecker, Jr., architect. 15

LOW BIDDER

SANTA PAULA, Ventura Co., Cal.—J. C. Bannister, 903 N. Mariposa Ave., Los Angeles, at \$102,934, submitted low bid to Santa Paula High School District, for construction of an auditorium building at Santa Paula High School. All bids will probably be rejected, the plans revised and the job readvertised. Frederick Kennedy, Jr., architect, 1041 E. Green St., Pasadena. 15

Bids Wanted—To Close April 8, 7:30 P. M.

HIGH SCHOOL Est. Cost, \$50,000
SAN ANSELMO, Marin County, Cal.

Sir Francis Drake Boulevard and Saunders Avenue.

One-story and basement frame and stucco high school building containing five classrooms, assembly hall and woodwork shop; concrete foundations.

Owner—Tamalpais Union High Sch. District.

Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.

Plans and specifications may be obtained in the main office of the Tamalpais Union High School upon deposit of \$20.

Bids Under Consideration
SCHOOL BLDG. Cost, \$32,000

ARVIN, Kern Co., Calif.

First unit (6 classrooms) of an eventual 16-classroom elementary school building.

Owner—Arvin Grammar School District.

Architect—Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.

The contract for the first unit of the \$130,000 school plant is expected to be let early in April.

Bids Opened Est. Cost, \$50,000
SCHOOL TRACY, San Joaquin Co., Cal.

Est. Ave. bet. Parker and Holly Drive.

New elementary school.

Owner—Tracy Elementary Sch. Dis-

trict (Henry A. McCrory, Clerk Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Low Bidder—Geo. Roek, 830 N. Pacific Ave., Stockton, \$35,469.

Alternate proposals included in the bidding schedule may change bids somewhat. Complete basic proposals on the general contract were as follows:

Geo. Roek, Stockton.....	\$35.4
C. A. Hillberg, Turlock.....	36.0
C. A. Tornell.....	36.2
W. H. Ecker, Stockton.....	37.2
C. H. Dodd, Stockton.....	38.0
H. H. Henning, Stockton.....	38.6
A. L. Swanson, Turlock.....	39.4
L. Uebels, Ripon.....	40.9
San Eye, Stockton.....	41.0
Peter Sartorio, San Francisco.....	41.1
Grant - Martinell Const. Co., San Francisco.....	43.9

Plumbing, heating and electric bids were opened after Daily Pacific Builder's press time. They will appear in the next issue, or may be obtained by telephoning Daily Pacific Builder.

BIDS WANTED

SAN DIEGO, Cal.—Until April 1 7:30 p.m., bids will be received by San Diego Unified School District for the construction of a kindergarten addition at the Mission Beach elementary school. Plans and specifications are on file at the office. Architect Louis H. Bodmer, 613 Commonwealth Bldg., San Diego. Certified or cashier's check or bond of 2% required.

CONTRACT AWARDED

PHOENIX, Ariz.—L. G. Harvey, 2932 North 2nd St., Phoenix, awarded contract by Maricopa County School District, at \$29,661, for five classrooms and a cafeteria to be added to the Roosevelt school, near Phoenix. Orville A. Bell, architect, Heard Bldg., Phoenix.

LOW BIDDER

LOS ANGELES, Cal.—Archibald & Singleton, 731 S. Gramercy Place submitted low bid to Los Angeles Board of Education, at \$52,928, for partial construction of an English and social science building, to be known as Holmes Hall, to be built at Los Angeles Junior College, 855 Vermont Ave. Allison & Allison, 11 Edison Bldg., architects; F. N. Rost structural engineer; E. L. Ehrlich wood, mechanical engineer.

BIDS WANTED

LOS ANGELES, Cal.—Until April 6, 2 p.m., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for partial construction of new classroom building at the Overland Ave. School, 101 Putney Road, West Los Angeles. Estimated cost, \$74,558. Ralph F. Welling, architect, 614 Archer Bldg.; Paul E. Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer.

Bids Wanted—To Close April 8, 7 P. M.

HIGH SCHOOL Est. Cost, \$50,000
SAN ANSELMO, Marin Co., Cal.

Sir Francis Drake Boulevard and Saunders Avenue.

One-story and basement frame and stucco high school building containing five classrooms, assembly hall and woodwork shop; concrete foundations.

Owner—Tamalpais Union High School District.

Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Engineer—W. H. Ellison Pacific Bldg., San Francisco.

As previously reported, plans

specifications may be obtained in the main office of the Tamalpais Union High School upon deposit of \$20.00.

Bids will be taken as follows: (1) general work, including carpentry work, pumbing, sheet metal work and concrete foundations; (2) mill work; (3) electrical; (4) asbestos roof; (5) painting; (6) glass and glazing; (7) wallboard and hardboard wainscoting; (8) ceiling insulation; (9) building paper; (10) plastering; and (11) ornamental ventilators.

Each bid must be accompanied by a certified or cashier's check or bid bond for five per cent of bid, payable to the Tamalpais Union High School District.

CONTRACT AWARDED
 LOS ANGELES, Cal.—Archibald & Singleton, 731 S. Gramercy Place, awarded contract by Los Angeles Board of Education at \$62,929, for partial construction of an English and social science building, to be known as Holmes Hall, to be built at Los Angeles Union College, 855 N. Vermont Ave. Allison & Allison, 1014 Edison Bldg., architects; F. N. Ropp, structural engineer; E. L. Ellingwood, mechanical engineer. 15

Planned
MEN'S DORMITORY Cost, \$250,000
 BERKELEY, Alameda Co., Calif. U. of Cal. Campus.
 New dormitory to accommodate 100 men.
 Owner—Regents of the University of California.
 Architects—Harvey Wiley Corbett & MacMurray, 130 W. 42nd Street, New York City, assisted by Architect William Wilson Wurster, 250 California St., San Francisco.
 Funds to finance above work were donated to the University of California by Mrs. Rosalie M. Stern of San Francisco.
 Further announcement following conference of architects on Apr. 8.

OPENING DATE POSTPONED
 ESCONDIDO, San Diego Co., Cal.—Until April 11, 7:30 P. M., (bid opening date postponed from March 28). Bids will be received by Escondido Union School District for classroom Bldgs. Nos. 1 and 2 and an assembly building to be built at the present elementary school at Maple and 3rd Sts., Escondido. They will be wood frame structures with composition roof and gas heating; estimated cost, \$150,000. Kistner & Curtis, architects, 675 Speckels Theater Bldg., San Diego. 15

CONTRACT AWARDED
 LOS ANGELES, Cal.—Wm. P. Neil Co., 4514 Loma Vista St., Los Angeles, awarded contract on Proposition No. 1 by Montebello Unified School District at \$151,500, for construction of a boys' shower and locker room, a girls' shower and locker room, and a cafeteria and assembly building at both the Eastmont Junior high school and Montebello Junior high school, a PWA project. T. C. Kistner, architect, 412 Architects Bldg., L. A.

LOW BIDDER
 LOS ANGELES, Calif.—Harry F. Miller, 7530 S. Hobart Blvd., submitted low general contract bid to Los Angeles Board of Education at \$48,960, for construction of a shop building at Hollywood high school, 1521 N. Highland Ave. Marsh, Smith & Powell, 816 W. 5th St., architects; D. D. Smith, structural engineer; E. L. Ellingwood, mechanical engineer.

ADDITION Cont. Pr., \$13,468
Contract Awarded
 YUBA CITY, Sutter Co., Cal.

One-story frame and stucco addition to the high school (3 classrooms; composition roof).
 Owner—Yuba City Union High Sch. District.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Contractor—C. C. Stephenson, 800 5th St., Marysville.
 Other bids were:
 Empire Constr. Co., Ltd., San Francisco\$13,471
 Holder Constr. Co., Sacramento 13,622

Sub-Contracts Awarded
 HIGH SCHOOL Cont. Pr., \$107,857
 EL CERRITO, Contra Costa Co., Cal. El Cerrito High School.
 First unit of 3-story reinforced concrete high school building, consisting of the shell of building without any finish work. Work will include concrete walls, floors etc.

Owner—Richmond Union High Sch. District (Walter T. Helms, Supt. of Schools).
 Architects—Dragon & Schmidts, 2068 Alston Way, Berkeley.
 Structural Engineer—W. Adrian, 417 Market St., San Francisco.
 Contractor—W. K. Van Bokkelen Construction, 439 23rd St., Oakland.

Reinforcing Steel—McGrath Steel Co., 354 Hobart Court, Oakland.
Grading—W. H. Talbot, 667 Spokane Ave., Albany.
Cement—E. H. Higgins Co., 2 Sixth St., Richmond.
Sheet Metal—Richmond Sheet Metal Works, 520 16th St., Richmond.
Aggregates—Golden Gate Stucco and Building Materials, Masonic and Brighton, Berkeley.

Bond Election Est. Cost, \$46,000
SCHOOL
 HOPLAND, Mendocino Co., Cal.
 One-story frame and stucco grammar school building to contain five classrooms, auditorium, offices, etc. (tile roof, steam heating system, etc.).
 Owner—Hopland Union Grammar School District.
 Architect—John Easterly, Healdsburg and Santa Rosa.

Hopland School District will vote on April 26 on a proposal to issue bonds in the amount of \$43,000, proceeds to finance construction of grammar school.

LOW BIDDER
 LOS ANGELES, Cal.—Wm. P. Neil Co., 4514 Loma Vista St., Los Angeles, submitted low bid on Proposition No. 1 to the Montebello Unified Sch. District, at \$151,500, and will be awarded contract for construction of a boys' shower and locker room, a girls' shower and locker room, and a cafeteria and assembly building at both the Eastmont Junior High Sch. and the Montebello Junior High Sch., a PWA project. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. 15

16—BANKS, STORES AND OFFICES

Preparing Working Drawings
BANK BLDG. Est. Cost, \$190,000
 BAKERSFIELD, Kern Co., Cal. SW corner of Chester Ave. and 18th St.
 One-story reinforced concrete bank building (89x66-ft.).
 Owner—Anglo - California National Bank 1, Sansome St., San Francisco.
 Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Preparing Plans
STORE FRONT Cost, \$.....
 SAN FRANCISCO, Cal.
 New store front, Vitrolite facing.
 Owner—Witheld.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Contract Awarded
ALTERATIONS
 SAN FRANCISCO, Cal. 20th and Minnesota Sts.
 Alter present building to accommodate new offices.
 Owner—Fruit Industries, Inc.
 Architect—John H. Abnden, 822 39th Ave., San Francisco.
 Contractor—Bert Kelly, 168 Hancock St., San Francisco.

Contract Awarded
ADDITIONS
 SAN FRANCISCO, 835 Market St.
 Basement building and tunnel for The Emporium.
 Owner The Emporium.
 Plans by Owner.
 Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Additional Sub Contracts Awarded
OFFICE BLDG. Est. Cost, \$104,750
 SAN FRANCISCO. Block bounded by 15th, 16th, Carolina and DeHaro.
 Two-story Class C office bldg. and warehouse (400 x 148 ft.), second story at one end only, 148 x 68 ft. along 400-ft. side; concrete walls, wood posts and girders, wood roof sheeting, composition roof, steel windows, etc.

Owner—Braun-Knecht-Helmann Co., 584 Mission St.
 Architects—W. P. Day and H. M. Michelson, 405 Montgomery St.
 Contractor—Cahill Brothers, 206 Sansome St.
 Excavating—Devincenzi Bros. & Co., 150 Collins St.
 Concrete—Roadymix Concrete Co. Ltd., Carelina and Mariposa Sts.
 Finish Hardware—Palace Hardware Co., 581 Market St.
 Sprinklers—Barnard Engineering Co., 142 9th St.

Plumbing—H. Bertram, 726 Bryant Street.
 Electric—H. S. Tittle Co., Inc., 85 Columbia Square.
 Heating—Scott Co., Inc., 243 Minna Street.
 Placing Reinf. Steel—J. Philip Murphy, 3901 Mission St.
 Masonry—Wm. A. Rainey & Son, 323 Clementina St.
 Mill Work—Brannan Street Planing Mill, 560 Brannan St.
 Roofing—Malott & Peterson, 2412 Harrison St.
 Glass—W. P. Fuller & Co., 301 Mission St.
 Sheet Metal—Robt. J. Neilan, 39 Isis Street.

Acoustical Treatment—Western Acoustos Co., 175 Townsend St.
 All of San Francisco.
 Sub contracts previously awarded published Jan. 18, 1938.

Sub-Contracts Awarded
MARKET Cost, \$.....
 OAKLAND, Alameda Co., Cal. 2838 East 14th Street.
 One-story market building.
 Owner—The Lurie Co., 333 Montgomery St., San Francisco.
 Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
 Contractor—Cahill Brothers, 206 Sansome St., San Francisco.
 Excavation—J. Catucci, 1212 18th Avenue, Oakland.
 Concrete—Rhodes & Kennedy, Inc., 101 4th St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.

Contract Awarded
ALTERATIONS Cost, \$.....
 ALAMEDA, Alameda Co., Cal. Central and Park.
 Alterations and additions to building.
 Owner—Commercial National Bank and Central Bldg. & Loan Assn.
 Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
 Contractor—D. W. Nicholson, 357 12th St., Oakland.

Contract Awarded
STORE BLDG. Cost, \$12,000
 PALO ALTO, Santa Clara Co., Cal. 256 University Ave.
 One-story store building, type 3.
 Owner—M. L. Pitman, Amer. Trust Co. Bldg.
 Architect—Birge & David Clarke, 310 University Ave., Palo Alto.
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda. 16

Contract Awarded
STORE Cost, \$9,400
 BERKELEY, Alameda Co., Cal. 2015 Center Street.
 One-story and loft reinforced concrete building.
 Owner—J. H. Wittich.
 Architect—Not Given.
 Contractor—Fox Bros., 1478 University Ave., Berkeley. 16

Contract Awarded
ALTER BANK Cost, \$3,370
 SAN FRANCISCO, 555 Montgomery Street.

Alter bank building.
 Owner—Bank of Canton, Ltd., Prem. Architect—W. G. Merchant, Russ Bldg.
 Contractor—J. Prout, 2530 Fillmore St. 16

Contract Awarded
STORE BLDG. Cont. Pr., \$9,942
 PLACERVILLE, Eldorado Co., Cal. One-story brick building with penthouse to contain taproom and soda fountain.
 Owner—C. A. Butt.
 Architect—Guy O. Koepp, P.O. Box 644, Carmel.
 Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Contract Awarded
STORE BLDG. Cont. Pr., \$9,942
 PLACERVILLE, Eldorado Co., Cal. One-story brick building with penthouse to contain taproom and soda fountain.
 Owner—C. A. Butt.
 Architect—Guy O. Koepp, P.O. Box 644, Carmel.
 Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Complete bids were:
 Henry Finnigan, Sacto. 9815
 Campbell Constr. Co., Sacto. 9942
 Chas. F. Unger, Sacto. 10,500
 Frank Schmershal, Placer-ville 10,628
 *Mr. Finnigan's bid was not considered because of an irregularity.

17—THEATRES

CONTRACT AWARDED
BRAWLEY, Imperial Co., Calif.—National Tank & Mfg. Co., 8291 Santa Fe Ave., Los Angeles, awarded contract by Imperial Irrigation District, El Centro, at \$13,321, for construction of an addition to the Brawley diesel plant, including fuel and lubricating oil tanks; PWA Project, Calif. 1088-D-D. The contract includes \$10,120 for construction of a 48-foot extension to the present plant and \$3,201 for tanks. M. J. Dowd is the chief engineer and general superintendent of the district. 17

CONTRACT AWARDED
LOS ANGELES, Calif.—Baruch Corp., 625 S. Olive St., awarded contract by the Auditorium Co., 427 W. 5th St., for modernizing the exterior and interior of the Philharmonic Auditorium Building, a 9-story, Class A auditorium and office structure, located on the northeast corner of Fifth and Olive Streets. Cost, \$150,000. Claud Beelman, architect, 1019 Union Bank Bldg. 17

Preparing Sketches
THEATRE Cost, \$.....
 SAN FRANCISCO, Richmond Dist. New theatre.
 Owner—Withheld.
 Architect—John H. Ahnen, 822 39th Avenue.

19—MISC. CONSTRUCTION

BIDS WANTED
 EL CENTRO, Imperial Co., Cal.—Until April 14, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for electrical equipment for 14 power substations located at various locations. Equipment includes oil circuit breakers, automatic step-voltage feeder regulators, air-break and disconnecting switches, lightning arresters, instrument transformers, fuse cut-outs, storage batteries and charging sets, switchboards and cable. M. J. Dowd, Imperial, is the Chief Engineer and General Supt. 19

CONTRACT AWARDED
 LOS ANGELES, Cal.—Riley Stoker Corp., 408 S. Spring St., Los Angeles, awarded contract by the Los Angeles Supervisors at \$27,830 for furnishing one new 500-h.p. water tube boiler and apparatus in the power house, at Los Angeles County General Hospital; Spec. No. 405. 19

Preparing Working Drawings
CHINESE CONCESSIONS
 Est. Cost, \$200,000 to \$250,000
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Group of concession buildings, consisting of building to house two theatres (approx. 7,140 sq. ft.), cafe building with roof garden (6,250 sq. ft.), adjoining kitchen building (approx. 1,100 sq. ft.), covered tea garden (approx. 4,000 sq. ft.), dance pavilion (1,700 sq. ft.), food shops (approx. 4,000 sq. ft.), game shops (approx. 5,000 sq. ft.), Chinese Old Village Gardens, Pagoda approx. 80 ft. high.
 Owner—Chinese Factors, Inc.
 Architect—Mark Daniels, 101 Post St., San Francisco.

To Ask Bids Shortly
STAGE & GRANDSTAND
 Cost, \$.....
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of stage 180 ft. in length and a grandstand with a seating capacity of 5,300 on a 7/8-acre site on Treasure Island.
 Owner—Cavalcade of the Golden West (A. L. Vollman, Producer).

CONTRACT AWARDED
PLUMAS-SIERRA COS., Calif.—Fritz Ziebarth, 808 Security Bldg., Long Beach, at \$208,730, awarded contract by the Plumas-Sierra Rural Electric Co-operative, Wm. Hecken-dorn, Secretary, Blairsden, for the construction of 250 miles of distribution lines. 19

CONTRACT AWARDED
 ALCATRAZ, Calif.—Anderson & Christofani, Innes and Griffith Sts., San Francisco, at \$660.59, submitted low bid and was awarded contract

by the Department of Justice, Bureau of Prisons, Room 415, Post Office Bldg., San Francisco, under Bid No. 1372, for repairing the launch, "McDowell."

Total bids follow:
 Anderson & Christofani, Innes and Griffith Sts., San Francisco\$660.59
 Pacific Dry Dock & Repair Co., Oakland 858.00
 Wm. Prior, San Francisco1325.60
 19

20—MISC. SUPPLIES AND MATERIALS

March 31, 1938.
CONTRACT AWARDED
 SAN FRANCISCO—Gunn Carle & Co., Potrero Ave., San Francisco, at \$266.46, disc. 1/2% 10 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-112, for furnishing reinforcing steel bars; f.o.b. Battery Davis, Fort Funston, Cal.
 Total bids follow:
 Gunn Carle & Co., 20 Potrero Ave., San Francisco—\$266.46, 1/2% 10 da.
 Herrick Iron Works, Oakland—\$277.56; net.

Gilmore Steel & Supply, Inc., San Francisco—\$281.28; 1/2% 10 da.
 Bethlehem Steel Co., San Francisco—\$281.28; 1/2% 10 days. 20

March 31, 1938.
CONTRACT AWARDED
 SAN FRANCISCO—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at \$250.60, 1/2 of 1% 10 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-111, for furnishing 500 lin. ft. corr. galv. 16-gauge 8-inch diameter pipe and 20 pipe bands; f.o.b. Battery Davis, Fort Funston, Cal.

Western Pipe & Steel Co. of California, San Francisco, at \$254, 1/2% 10 days, submitted only other bid. 20

BIDS OPENED
 LOS ANGELES, Cal.—Four identical bids were submitted to U. S. Engineer, Los Angeles, at \$2 bbl, total \$100,000, net, for 50,000 bbls. portland cement delivered to points within Los Angeles County drainage area by: Southwestern Portland Cement Co., Riverside Cement Co., Monolith Portland Cement Co., and California Portland Cement Co.; Circ. Prop. 882. 20

BIDS OPENED
 BERKELEY, Calif.—H. H. Larson Co., 64 South Park, San Francisco, submitted low bid to the Berkeley City Council, Florence Turner, City Clerk, for furnishing 1000 tons plant-mix surfacing; f.o.b. Berkeley.
 Total bids follow:
 H. H. Larson Co., 64 South Park, San Francisco—\$3.48 per ton delivered in trucks; \$3.78 per ton delivered on street.

Ransome Company, Emeryville—\$3.50 per ton delivered in trucks; \$3.80 per ton delivered on street. 20

BIDS WANTED
 OAKLAND, Calif.—Until April 5, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 4000 tons base aggregates. Plans and specifications may be obtained from the above office. 20

BIDS WANTED

OAKLAND, Calif.—Until April 6, 1938, bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 9th St., Oakland, under Pro. No. 995, for furnishing 352,000 gals. gasoline and 40,000 gals. kerosene.
Plans and specifications may be obtained from the above office. * 20

COMPLETE BIDS ON FILE

SACRAMENTO, Calif.—Complete bids for furnishing road oils, cutback asphalt and C, D and E grades asphalt for the Division of Highways for a period from April 1, 1938, to March 31, 1938, opened by the State Purchasing Agent, Capitol Building, Sacramento, March 9th, are on file at the Office of the Daily Pacific Builder, 465 Tenth St., San Francisco.

BIDS OPENED

OAKLAND, Calif.—Peerless Welding Co., 265 10th St., San Francisco, \$3,846, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-212, for the electric welding of field joints in 4-in., 25-in. and 36-in. diameters steel pipe lines, total approximately 3,500 feet long.

Total bids follow:

Peerless Welding Co., 265 10th St., S. F.	\$3,846.00
Underground Constr. Co., Berkeley	4,350.00
General Welding Co., S. F.	4,527.00
W. Moore	4,530.00
Merkeley Steel Constr. Co., Inc., Berkeley	4,614.00
W. E. Thomas, Oakland	4,920.00
American Steel Constrs., Berkeley	8,181.55
Brown Bros. Welding Co., San Francisco	9,174.00
Oil Tank & Pipe Co., Oakland	11,130.00

BIDS OPENED

LOS ANGELES, Cal.—Stuart Oxygen Co., 1014 E. Olympic Blvd., at 3235, submitted low bid to U. S. Engineer, Los Angeles, for compressed gases; Circ. Prop. 373.

The complete bids were: Stuart Oxygen Co.—(1) 125,000 cu. acetylene, \$2.38 C u f; (2) 200,000 cu ft oxygen, \$1.15 C u f; total, \$235.15.

Air Reduction Sales Co.—(1) \$2.43; (2) \$1.19; total \$5417.50.
Home Oxygen Co. and National Cylinder Gas Co. identical bids at: (1) \$2.45; (2) \$1.25; total \$5562.50.
Linde Air Products—(1) \$2.55; (2) \$1.30; total \$5787.50.
Gordon Duff—(1) \$2.70; (2) \$1.40; total \$6175. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 105-38-217, for furnishing and delivering miscellaneous castings, f.o.b. to Vista.

Bids were taken on:
(1) a one cutterkey;
(b) three cutterkey sockets;
(c) one cutterkey;
(2) 50 taper ends;
(3) one hot piston ring castings;
(4) two crank pin brasses or cutter engine.

Bids were: Moore Dry Dock Co., Oakland—(1a) \$65, (1b) \$8, (1c) \$69; total \$158; (2) \$27.55 each, total \$1377.50; (3) 70, (4) \$12.50; total \$25.
Monarch Foundry Works, Sacramento—(1) \$158 total; (3) \$72.
Pacific Dry Dock & Repair Co., Oakland—(1a) \$105.79; (1b) \$26.40; (1c) \$111.16; total \$296.15; (2) \$19.66,

total \$983; (3) \$99.71; (4) \$21.24 total.

Western Pipe & Steel Co. of Cal., San Francisco—(2) \$10.75, total, \$537.50.

Hawley Forge & Mfg. Co., S. F.—(1a) \$39.85, (1b) \$10.25, (1c) \$41.00, total \$111.60; (2) \$12.50, total \$625; (3) \$41.95; (4) \$14.50; total \$29.

Montague Pipe & Steel Co., S. F.—(2) \$9, total \$450.

M. Greenberg's Sons Brass Fdry, & Machine Works, S. F.—(4) \$19.75 total.

Columbia Machine Works, S. F.—(1a) \$50, (1b) \$10, (1c) \$49.50; total \$129.50.

Apex Bronze Foundry, Oakland—(4) \$5.60; total \$11.20.

Golden State Miners Iron Works, S. F.—(1) \$134.40 total.

American Forge Co., S. F.—(1) \$135.45.

Pacific Brass Foundry of S. F.—(4) \$8.50; total \$17.

Berkeley Steel Constr. Co., Inc., Berkeley—(2) \$8.50; total \$425.

Pacific Coast Engineering Co., Oakland—(2) \$10; total \$500. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Fair Mfg. Co., 617 Bryant Street, San Francisco, at \$102.22, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1978, for furnishing ornamental and miscellaneous metal work for West Portal Library.

BIDS OPENED

SAN FRANCISCO.—C. F. Bulotti Machinery Co., 829 Folsom St., San Francisco, at \$7.93 pair, 2% 15 days, submitted low bid to the Purchaser of Supplies, T. A. Brooks, Room 270, City Hall, under Bid No. 1979, for furnishing 100 pairs 4½-in. by 10-in. high axle bearings for the Municipal Railway.

Total bids follow:
C. F. Bulotti Machinery Co., 829 Folsom St., San Francisco—\$7.93 pair, 2% 15 days.
Dom Politeo, San Francisco — \$8.188, 2% 10 days.

M. Greenberg's Sons Brass Fdry, & Machine Works—\$8.74, 2% 20 days. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-106, for furnishing one not less than 90-hp. Diesel engine driven, crawler type tractor, equipped with hauling scraper, complete and ready for use:

Caterpillar Tractor Co., Oakland—\$12,342 (LeTourneau bulldozer); disc. \$50 for cash 30 days; 5-day delivery (\$400 allowance already deducted from total); f.o.b. Peoria.

H. G. Sherman & Co., San Leandro—\$7,475 (tractor) \$5740 (scraper), \$960.30 (tires), \$760 (power control), \$1170 (bulldozer); total, \$16,115.30. Trade-in \$3000, total \$13,115.30; net 10-day delivery; Tractor f.o.b. San Francisco, other equipment f.o.b. Los Angeles. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Neptune Meter Co., 320 Market St., San Francisco, at \$3208 awarded the contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Invit No. 1967, for furnishing 500 ½-in. by ¾-in. water meters for the San Francisco Water Department.

BIDS OPENED

SACRAMENTO, Calif.—American Cast Iron Pipe Co., Inc., Sharon Bldg., San Francisco, submitted low

bid to the Sacramento City Council H. G. Denton, City Clerk, City Hall for furnishing: (1) 1000 l.f. 4-inch; (2) 2000 l.f. of 6-inch; and (3) 1000 l.f. of 8-inch bell and spigot cast iron pipe. Total bids follow:

American Cast Iron Pipe Co., Inc., Sharon Bldg., San Francisco: (1) \$497; (2) \$76; (3) \$1122.

U. S. Pipe & Foundry Co., San Francisco: (1) \$50; (2) \$77; (3) \$113.

Pacific States Cast Iron Pipe Co., San Francisco: (1) \$51; (2) \$78; (3) \$117. * 20

BIDS OPENED

LOS ANGELES, Calif.—Following firms submitted bids to the U. S. Engineer, Los Angeles, for furnishing 487,000 lbs. fabricated steel and other metal work incidental to superstructures for the Wilmington Blvd., Compton Blvd., and Olive St. bridges over Compton Creek. Circ. Prop. 367. The items are:

(1) 148,000 lbs. for Olive St. bridge;
(2) 161,000 lbs. for Wilmington Blvd. bridge;
(3) 178,000 lbs. for Compton Boulevard bridge.

The bids were:
St. Louis Structural Steel Co., East St. Louis, Ill.: (1) \$6482.40; (2) \$7,037.70; (3) \$7725.20; total, \$21,245.30; fob East St. Louis. Telegraphic modification—deduct \$,001 lb.
Mt. Vernon Bridge Co., Mt. Vernon, Ohio: (1) \$7638.60; (2) \$8114.40; (3) \$9095.80; total \$24,847, fob Los Angeles (no unloading or hauling included in bid).

Bethlehem Fabricators: (1) \$8022; (2) \$7486; (3) \$9452; total, \$24,960; fob Bethlehem, Pa.
Stupp Bros., St. Louis, Mo.: (1) \$6142; (2) \$6423.90; (3) \$7191.20; total, \$19,757.10; fob St. Louis.
Columbia Steel Co., San Francisco: (1) \$6216; (2) \$6987.40; (3) \$7209; total, \$20,412.40; fob Gary, Ind.

Minneapolis—Moline Power Implement Co.: ¼ of 1% 20 days; (1) \$7,133.60; (1) \$7116.20; (3) \$8241.40; total, \$22,491.20, fob Minneapolis.
Clinton Bridge Works, Clinton, Ia.: 1% 20 days: (1) \$6364; (2) \$7277.20; (3) \$7822; total, \$21,473.20; fob Clinton, Iowa.

Apex Steel Corp.: ½ of 1% 20 days: (1) \$8732; (2) \$3734.50; (3) \$10,502; total, \$28,008.50 delivered.
Pacific Iron & Steel Co.: (1) \$4836; (2) \$8694; (3) \$9968; total, \$27,098, delivered.

Lakeside Bridge & Steel Co., Milwaukee: (1) \$6586; (2) \$7003.50; (3) \$7848.80; total, \$21,439.30; fob Milwaukee.
Bethlehem Steel Co.: (1) \$6748.80; (2) \$7373.80; (3) \$8241.40; total, \$22,664, delivered; if awarded all items, total will be \$21,877.
Ingalls Iron Works, San Francisco (1) \$7170.60; (2) \$7705.40; (3) \$8405.16. Total, \$23,281.22; fob Birmingham.

Wisconsin Bridge & Iron Co., Milwaukee: (1) \$7370.40; (2) \$7841.60; (3) \$935.60; total, \$23,647.60; fob Milwaukee.

Consolidated Steel Corp.: (1) \$7,784.80; (2) \$8323.70; (3) \$9042.40; total, \$25,150.90, delivered.

Belmont Iron Works, Philadelphia: ¼ of 1% 10 days: (1) \$6805; (2) \$7,164.50; (3) \$8188. Total \$22,160.50, fob Eldytstone, Philadelphia, or Baltimore. * 20

CONTRACT AWARDED

KING COUNTY, Wash.—Pacific Water Works Supply Co., Atlantic Street Dock, Seattle, at \$36,557 was awarded contract by the King County Water District 3, Wm. H. Harris, Secretary, 1164 Empire Bldg., for furnishing pipe for the public water district. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news-reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.,	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light. Systems	33.—Water Works
25.—Machinery and	34.—Parks & Play-grounds
26.—Fire Alarm Sys.	35.—Tunnels
27.—Fire Equipment	
28.—Straits & Highways	

21— BRIDGES

CONTRACT AWARDED

DOUGLAS CO., Nev.—Dodge Construction Co., Inc., Fallon, Nev., at \$8,010, submitted low bid and was awarded contract by the Directors of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the reconstruction of a concrete bridge on the State Highway about one mile south of Gardnerville, Route 56, Douglas County, Nevada.

Isbell Constr. Co., Reno, at \$8,119, submitted second low bid.

Complete bids will be published shortly. • 21

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until April 12, 2 P. M., bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete bridge across Price Creek in Road District 1, Humboldt County.

Plans and specifications may be obtained from the County Surveyor, Second and K Streets, Eureka. • 21

CONTRACT AWARDED

DOUGLAS CO., Nev.—Dodge Construction Co., Inc., Fallon, Nev., at \$8,010, submitted low bid and was awarded contract by the Directors of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the reconstruction of a concrete bridge on the State Highway about one mile south of Gardnerville, Route 56, Douglas Co., Nevada.

Work involves:
 (1) 150 c.y. struc. excav.;
 (2) 31 c.y. Class A concrete;
 (3) 42 c.y. Class D concrete;
 (4) 154 sq. yd. mesh reinforcement (6-in. by 6-in., No. 6 & No. 6);
 (5) Lump sum, raise bridge span.

Total bids follow:
 (A) Dodge Constr. Co., Inc., Fallon, Nev.—\$8,010.
 (B) Isbell Constr. Co., Reno—\$8,119.
 (C) Silver State Constr. Co., Inc., Fallon—\$8,227.
 (D) Nevada Rock & Sand Co., Inc., Reno—\$8,829.

Unit prices follow:

(A)	(B)	(C)	(D)
(1).....	3 00	6 00	3 00
(2).....	30 00	35 00	30 00
(3).....	40 00	40 00	45 00
(4).....	35	1 25	50
(5).....	4806.10	4081.50	5600.00

 4500.00 • 21

CONTRACT AWARDED

NAPA CO., Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at \$19,947, awarded contract by the State Division of High-

ways, Public Works Bldg., Sacramento, for widening three bridges, one across Dry Creek, one across Sale Slough Overflow, and one across Bale Slough between 6 and 15 miles north of Napa. • 21

CONTRACTS AWARDED

STATE OR OREGON.—The Oregon State Highway Commission, Public Service Bldg., Portland, awarded the following contracts for bridge construction:

Baker County: Middle Bridge-Black Bridge Section of the Baker-Homestead Highway; State project; 18.15 miles oil mat surface treatment. Awarded: Babler Bros., Portland, \$18,991.

Other bidders: Warren Northwest, Inc., Portland, \$19,209; J. C. Compton, McMinnville, \$20,078.50; Clifford A. Dunn, Klamath Falls, \$20,205; Edwin C. Gerber, Oregon City, \$20,690; McNutt Bros., Eugene, \$20,677; R. O. Dail & Warren Bros., Inc., Portland, \$21,591.20; McAtee, Inc. Spokane, \$23,091.50.

Tillamook County: Little Nestucca River Bridge Section of Oregon Coast Highway. State project. Construction of a 320-ft. pile trestle and steel I-beam bridge. Requires approximately 5,200 lf. of piling; 48 MFBM lumber; 31,000 lbs. structural steel, and 325 lf. trestle superstructure.

Awarded: Mountain States Const. Co., Eugene, \$13,736.

Other bidders: L. H. Hoffman, Portland, \$14,525; J. W. and J. R. Hillstrom, Marchfield, \$14,594; Tom Lillebo, Reedsport, \$14,930.75; Leonard & Slate, Multnomah \$15,415; Joplin & Eldon, Portland, \$16,146; J. F. Johnston, Newberg, \$16,254; Shattuck & Neland, Portland, Ore., \$16,843.25; Gilpin Const. Co., Portland, \$17,524; Dolan Const. Co., Tillamook, \$20,565. • 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

SANTA BARBARA, Cal.—Standard Dredging Corp., 325 Central Bldg., Los Angeles, at \$130,500 submitted low bid to U. S. Engineer, Los Angeles, for dredging 580,000 c.y. at Santa Barbara Harbor and depositing the dredged material along 5000 feet of beach. Circ. Prop. 318.

The complete bids were: Standard Dredging Corp., Los Angeles, \$225 c.y., total, \$130,500.

Franks Contr. Co., San Francisco, \$238 c.y., total, \$138,040.

San Francisco Bridge Company, San Francisco, \$29 c.y., total, \$168,200.

Capital City
Title Company

•

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

Engineer's estimate, \$185 c.y., total, \$107,030. • 22

BIDS WANTED

OWYHEE PROJECT.—Until April 8, 10 a.m., bids will be received by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 544-0, for the construction of earthwork South Canaan Laterals, 25.4 to 37.8, Succor Creek Division, Owyhee Project.

Work involves:

- (1) 87,700 c.y. common excavation for laterals;
- (2) 300 c.y. rock excavation for laterals;
- (3) 4,000 sta. c.y. overhaul.

Plans and specifications may be obtained from the above office. • 22

BIDS WANTED

LOS ANGELES, Cal.—Until April 25, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for dredging about 656,000 c.y. material in Los Angeles Outer Harbor in San Pedro Bay, Circ. Prop. 407. The work to be done consists of furnishing all plant, labor, supplies and materials and performing all work for dredging to a depth of 40 ft. below mean lower low water the material remaining within the project limits of the turning basin and approach to East Channel in Los Angeles Outer Harbor, excluding excepted material or obstructions described in Paragraph 4-06 and with the dredged material reclaiming approx. 26 acres of government-owned tideland at Fort MacArthur. The area to be dredged is 1500 feet wide for a distance of 1800 ft. and narrows in the westerly 863 ft. to a width of 837 ft. B.D. bond. 10% must accompany bid. • 22

CONTRACT AWARDED

CLATSOP COUNTY, Ore.—Tacoma Dredging Co., 1113½ "A" St., Tacoma, Wash., at \$63,900, awarded contract by the U. S. Engineer Office, 628 Pittcock Block, Portland, under Bid No. 688-28-466, for strengthening and rebuilding approximately 33,310 lf. of existing levee and the construction of approximately 1,484 lf. of new levee, situated on Tenasilla Island, Diking District No. 6, Clatsop County, Oregon. Work involves: 426 c.y. levee embankment, hydraulic suction dredge, in place.

23— CANALS

CONTRACT AWARDED

SUN RIVER PROJ., Mont.—Dan Teters & Co., Ogden, Utah, at \$60,108.80, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 773, for the construction of earthwork and structures, Mill Coulee laterals 26 to 31, Sun River Slope laterals 71 to 88, and sublaterals, Greenfields and Sun River Slope division, Sun River Proj., Montana. • 23

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Contracting Engineers Co., 2310½ West Valley Ave., Los Angeles, at \$15,930, awarded contract by the Metropolitan Water District, 306 W. Third St., Los Angeles, for the construction of headworks for the distribution system between Station 26 plus 09.66 and Station 31 plus 51.50 of the Upper Distributing Feeder, in accordance with Spec. No. 272. The

work is located in Riverside County, about 10 miles southwest from the city of Riverside, near Cajalco Dam. * 23

25—MACHINERY AND EQUIPMENT

BIDS WANTED

KENDRICK PROJ., Wyo.—Until April 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1055-D, for furnishing and delivering two 102-inch steel bulkheads for power penstocks at the Seminole power plant Kendrick Project, Wyo.; fob shipping point and/or Parco, Wyo. Bulkheads will be installed by the government. * 23

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until April 5, 1:15, 1:25 and 1:35 p.m., bids will be received by the Dept. of Public Works, Division of Highways, E. R. Green, Acting District Engineer, 546 W. Wabash Avenue, Eureka, for the rental of two 3-yd. dump trucks for 500 hours each, to be used in District 1. * 23

Bids must be submitted on forms obtained at the above office. * 25

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until April 5, 10:30 a.m., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of equipment, as follows:

- (1) 1 to 4 truck shovels, with minimum capacity 4/10 c.y.;
- (2) 1 or more 4-c.y. dump trucks;
- (3) 1 or more 2-c.y. dump trucks;
- (4) 1 or more 1/2-ton expresses.

All equipment must be completely serviced, equipped and manned. Split bids will not be accepted. Bids must be submitted on forms obtained from the above office. * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until April 7, 1:15 p.m., bids will be received by the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of tractor-grader with 10-ft. blade, for 640 hours; and one 95-hp. tractor with 10-ft. angle bulldozer, for 400 hours' use in District 1. * 23

Bids must be submitted on forms obtained from the above office. * 25

BIDS OPENED

MARIN AND SONOMA COS., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of four pneumatic-tired dump trucks, chassis weight not less than 6,000 lbs., body capacity not less than 4 cubic yards, for 1600 hours' use in Marin and Sonoma Counties. * 23

Bids were taken on: (1) hand loading; (2) bunker loading; (3) power loading. * 23

- C. V. Clark, Jr., North Hollywood—(1) \$2.65; (2) \$2.90; (3) \$3.15.
- Chas. W. Beguhl, Millbrae — (1) \$2.65; (2) \$2.90; (3) \$3.15.
- McReynolds Trucking Co., Oakland — \$2.65; \$2.90; \$3.15.
- W. C. Railing, Menlo Park — \$2.65; \$2.90; \$3.15.
- Roy L. Piercey and John Rose-

- brook, Napa—\$2.65; \$2.90; \$3.15.
- Volpa Bros., Fresno—\$2.65; \$2.90; \$3.15.
- H. Simon, San Francisco—\$2.65; \$2.90; \$3.15.
- W. L. Morgan, Pasadena—\$2.65; \$2.90; \$3.15.
- Samuel E. Bonsangue & Bros., Los Angeles—\$2.58; \$2.82; \$2.92.
- N. Giorgi, San Francisco—\$2.65; \$2.90; \$3.15.
- A. O. Field, San Francisco—\$2.65; \$2.90; \$3.15.
- Bravo-Ely Co., Oakland — \$2.65; \$2.90; \$3.15. * 25

BIDS WANTED

SAN BERNARDINO, Cal.—Until Apr. 4, 2 p.m., bids will be received by State Highway Dept., San Bernardino, for rental of tractor-grader equipment with drivers, for use in San Bernardino and Riverside counties. Bids will be received on two tractor-graders, tandem drive, 17,000 lbs., 53 hp., 12-ft. blade, equipped with scarifier attachment and electric lights, and two tractor-graders, tandem or single drive, 12,600 lbs., 39 hp., 12-ft. blade, equipped with scarifier attachment and electric lights, as follows: (1) operating rental rate per hour; (2) stand-by rental rate per hour; (3) transportation to and from San Bernardino, flat price, round trip. * 25

Bids will not be accepted unless submitted on bid form furnished by State Highway Department. * 25

BIDS OPENED

ORANGE, LOS ANGELES AND VENTURA COS., Cal.—Bids for the rental of one full swing, track-laying type crane, equipped with 1 cu. yd. clamshell or dragline bucket, for use in Orange, Los Angeles and Ventura Counties, for a period of approximately 90 working days, opened by the State Highway Department, Los Angeles, were:

- Martin Bros. Trucking Co.—P & H 600-A, prior to 1934, \$8.00 per hr.
- W. S. Weaver—Northwest 105, \$6.75 per hr.
- Pacific Crane & Rigging, Inc.—Link-Belt 1937, \$8.00 per hr.
- C. G. Willis & Sons—Koehring 1938 \$8.00 per hr.
- Berts & Dunn—Link-Belt K-1, prior to 1934, overhauled, \$7.00 per hr. * 25

BIDS OPENED

ALL AMERICAN CANAL.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1048-D, for furnishing and delivering four 7x6-ft. slide gates, four 23,400-lb. capacity gate hoists, one 3-ft. 6-in. by 3-ft. 6-in. cast-iron slide gate, one 3255-lb. capacity gate hoist and one cast-iron stem guide for installation in the Siphon Drop and Walapal lateral turnouts, All-American Canal, All-American Canal System, Boulder Canyon Project; fob shipping point and/or Yuma, Ariz. Materials will be installed by the Government: * 23

- Filer & Stowell Co., Milwaukee: \$7600; wt. 32,200; net; fob Milwaukee.
- Puget Sound Mch. Depot, Seattle: \$6599; wt. 30,000; net; fob Seattle.
- Joshua Hendy Iron Works, San Francisco: \$6576; ft. 31,000; net; fob Sunnysale.
- The Smith Corp., dba General Iron & Steel Works, Portland: \$5147; wt. 29,800; net; fob Portland.
- Koppers Co., Western Gas Division Ft. Wayne, Ind.: \$5178; wt. 28,000; net; fob Ft. Wayne.
- Hesse-Ersted Iron Works, Portland: \$6159.60; wt. 40,625; 8%; fob Portland.
- Rosedale Foundry & Machine Co., Pittsburgh, \$7650; wt. 35,000; net; fob Pittsburgh.

Vulcan Iron Works, Wilkes-Barre, Pa.: \$8100.00; wt. 29,500; net; fob Wilkes-Barre.

Thomas Machine Mfg. Co., Pittsburgh: \$9985; wt. 30,000; 1/4%; fob Glenshaw, Pa.

Moore Dry Dock Co., Oakland, \$9-150; wt. 35,000; net; fob Oakland.

Madsen Iron Works, Huntington Park, Calif., \$9169; wt. 32,000; 2%; fob Huntington Park.

Western Foundry Co., Portland \$4987.50; wt. 29,210; net; fob Portland.

Long Beach Iron Works, Long Beach, \$7150; wt. 31,000; 2%; fob Long Beach.

The Stearns-Roger Mfg. Co., Denver: \$6375; wt. 30,000; net; fob Denver.

Commercial Iron Works, Portland, \$5253; wt. 28,500; 1/2%; fob Portland. * 25

BIDS OPENED

MONTEREY and San Luis Obispo COS., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Hugerca St., San Luis Obispo, for the rental of three dump trucks for 20 days' use in Monterey and San Luis Obispo counties. * 25

Bids were taken on: (1) rate per hour power loading; (2) rate per hour hand loading; * 25

- C. E. Huls, Merced, (1) \$2.50; (2) \$2.10
- E. C. Joseph, Watsonville, (1) \$2.50; (2) \$2.10.
- L. A. Brisco, Arroyo Grande (1) \$2.50 (2) \$2.50.

*Southwest Paving Co., Roscoe: (1) \$2.50.

*Harry K. Smith, Roscoe: (1) \$2.50. E. Barbetini, San Francisco: (1) \$2.75; (2) \$2.30.

McReynolds Trucking Co., Oakland: (1) \$2.90; (2) \$2.40.

Pisenti & Dowling, Stockton: (1) \$2.90; (2) \$2.40.

Chas. W. Beguhl, Millbrae: (1) \$2.90 (2) \$2.40.

*R. B. Snow, Santa Maria: (1) \$2.90 (2) \$2.75.

*Bid irregular. * 25

BIDS WANTED

MONTEREY CO., Cal.—Until Apr. 4, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Hugerca St., San Luis Obispo, for the rental of one 49-hp. tractor with angledozer for 75 days' use in Monterey County. * 25

Bids must be submitted on forms obtainable only at the above office. * 25

BIDS WANTED

ORANGE CO., Cal.—Until Apr. 4, 2 p.m., bids will be received by State Highway Dept., Los Angeles, for the rental of truck and trailer equipment for transporting heavy equipment in Orange County. Bids must be submitted on forms obtainable only at the office of the highway department, 808 State Bldg., Los Angeles. Bids will be taken on the following items: * 23

- (1) hauling with standard truck and/or trailer, (a) traveling time, (b) stand-by time, 14 tons maximum net load;
- (2) over 14 tons to and incl. 24-ton net load, (a) and (b);
- (3) hauling where low bed trailer required, 14-ton maximum net load, (a) and (b);
- (4) over 14 tons to and incl. 24 tons net load, (a) and (b);
- (5) over 24 tons to and incl. 40 tons net load, (a) and (b);
- (6) over 40 tons net load, (a) and (b). * 25

BIDS OPENED

ORANGE, LOS ANGELES AND VENTURA COS., Calif.—Bids for the rental of tractors, scrapers and bulldozers were opened by the State Highway Dept., Los Angeles.

Bids were taken as follows:

- (1) 1- to 8 only, 12 to 14-yd. capacity wheel scrapers, each with 90 to 100-hp. tracklaying type tractor; (2) 1 to 8 only, 90 to 100-hp. (drawbar rating) tracklaying type tractors, each with bulldozer.

The bids were:

R. E. Campbell—(1) 93-hp. Caterpillar, 1938, \$7.75 per hr.; (2) 93-hp. Caterpillar, 1936, \$7 per hr.

Minnis & Moody—(1) 2 RD8 Caterpillar tractors with 33 cu. yd. Le Tourneau carryalls, 1937, \$7.98, 2% 15 days; (2) RD8 Caterpillar with bulldozers, \$7.57 per hr.

Peter L. Ferry—(1) \$3 95-hp. Caterpillars with Le Tourneau scrapers, 1937, \$7 per hr.; (2) three 95-hp. Caterpillars with Le Tourneau bulldozers, 1936, \$7 per hr.

Pacific Crane & Rigging Co.—(1) one wheel Caterpillar 1936, with carryall, \$8.50 per hr.; (2) RD8 Caterpillar, 1936, with bulldozer, \$7.50 per hour.

T. M. Page—(1) 95-hp. RD8 Caterpillar diesel, 1937, with 12-yd. Le Tourneau carryall, \$8.50 per hr.; (2) 95-hp. RD8 Caterpillar, 1937, with bulldozer, \$8 hr.

C. G. Willis & Sons—(2) 95-hp. Caterpillar, 1936, with bulldozer, \$7.95 per hr.

Geo. R. McIntosh—(1) 95-hp. Caterpillar, 1935, with 12-yd. Le Tourneau carryall, 1935, \$8.50 per hr.; (2) 95-hp. Caterpillar, 1935, with Le Tourneau 1934 bulldozer, \$8 hr.

Silva & Hill Constr. Co.—(1) 95-hp. Caterpillar, 1936, with carryall, \$8 per hr.; (2) Caterpillar, 1936, with bulldozer, \$7 per hr. 25

March 30, 1938

BIDS OPENED

BISHOP, Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento under Req. No. 2945, Quot. No. 50-639, for one 12-ft. pneumatic tired, dual-drive motor grader with scarifier; job Bishop:

J. D. Adams Co., San Francisco: \$551.70; 2% 30 days.

LeRoy Rix Co., Los Angeles: \$4800; 1 1/2% 30 days.

Smith Booth User Co., Los Angeles \$4445; 2% 30 days.

Crooks Co., Los Angeles: \$4740.05; net.

Knox Hale Machinery Co., San Francisco: \$4462.75; 2% 20 days.

Spears Wells Mch'y Co., Oakland: \$4220; \$100 30 days.

Shepherd Tractor & Equipment Co., Los Angeles: \$4311; 2% 30 days. 25

BIDS OPENED

LAKE COUNTY, Calif.—Following bids received by the Department of Public Works, Division of Highways, E. R. Green, Acting Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of one 1-bag, or 7-cu. ft. capacity portable concrete mixer, for 300 hours along the Tahoe-Ukiah Highway, Lake Co.: per hr.

A. Soda & Son, 5231 Grove St., Oakland.....\$1.00

Harms Bros., Litchfield.....1.25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—The following bids received by the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of two 3-yd. dump trucks for 500 hours each, for use in Dist. 1:

Ashurst Bros., Hopland.....	\$2.43
Paul Entremont, Box 573, Colusa	2.43
William Kern, Weott.....	2.43
William Ley, 922 F St., Eureka.	2.43
A. D. Robinson, 434 Piper Street, Healdsburg.....	2.43
W. E. Sinclair, Miranda.....	2.43
R. M. Taylor, Box 207, Cottonwood.....	2.43
John Vance, 3102 20th St., Eureka.....	2.43
Chas. W. Beguhl, Box 133, Millbrae.....	2.90
.....	2.50

BIDS OPENED

EUREKA, Humboldt Co., Calif.—The following bids received by the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of two 3-yd. dump trucks for 500 hours each, for use in Dist. 1: per hour

William Ley, 922 F St., Eureka.....	\$2.43
Ashurst Bros., Hopland.....	2.43
William Kern, Weott.....	2.43
R. M. Taylor, Box 207, Cottonwood.....	2.43
Paul Entremont, Box 573, Colusa	2.43
W. E. Sinclair, Miranda.....	2.43
John Vance, 3102 20th St., Eureka.....	2.43
A. J. Bin, 2561 San Bruno Ave., San Francisco.....	2.43
Chas. W. Beguhl, Box 133, Millbrae.....	2.90
.....	2.50

BIDS WANTED

VISALIA, Tulare Co., Calif.—Until April 4, 7:30 P. M., bids will be received by the Visalia City Council, Anne Lowell, City Clerk, City Hall, Visalia, for furnishing one motor pick-up street sweeper.

Plans and specifications may be obtained from the above office. 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—The following bids received by the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of two 3-yd. dump trucks for 500 hours each, for use in Dist. 1:

William Kern, Weott.....	\$2.43
Ashurst Bros., Hopland.....	2.43
R. M. Taylor, Box 207, Cottonwood.....	2.43
Paul Entremont, Box 573, Colusa	2.43
W. E. Sinclair, Miranda.....	2.43
John Vance, 3102 20th St., Eureka.....	2.43
William Ley, 922 F St., Eureka.	2.43
Chas. W. Beguhl, Box 133, Millbrae.....	2.90
.....	2.50

BIDS OPENED

MENDOCINO CO., Cal.—Following bids received by the Department of Public Works, Division of Highways, E. R. Green, Acting Engineer, District 1, 546 West Wabash Avenue, Eureka, for the rental of one 1/2-c.y. power shovel with trailer for 160 hours near Hopland, Mendocino Co.: per hour

R. M. Taylor, Box 207, Cottonwood.....	\$6.20
Rock & Gravel Trucking Co. 4605 El Centro Ave., Oakland.....	6.25
A. D. Robinson, 434 Piper St., Healdsburg.....	7.25
A. Soda & Sons, 5231 Grove St., Oakland.....	8.50
.....	25

CONTRACT AWARDED

YOSEMITE NATIONAL PARK—J. P. Breen, P.O. Box 183, Sacramento, at \$5.25 per hour, submitted low bid and was awarded contract by the Yosemite National Park Superintendent,

ent, Lawrence C. Merriam, for the rental for 1500 hours of one power shovel, 1 1/2-c.y. dipper, for use on Tioga Road, Yosemite National Park, Cal.

Bids taken on: (1) Rate with operator; (2) rate without operator.

Total bids follow:

J. P. Breen, P.O. Box 183, Sacramento—(1) \$5.25; (2) \$4.00; 1% 10 days.

C. Mankel, Sacramento—(1) \$6.10; (2) \$4.60; 1/2 of 1% 10 days.

Adams Constr. Co., Angels Camp—(1) \$6.25; (2) \$4.40; 1% 10 days.

W. E. Karstedt, San Jose—(1) \$6.48; (2) \$4.98; 1/2 of 1% 10 days.

Harry J. Wolle — (1) \$6.686; (2) \$5.41; 1/2 of 1% 10 days.

Granfield Farrar & Carlin, S. F.—(1) \$6.70; (2) \$4.25.

T. G. Smith—(1) \$7.75.

Knox-Hale Machinery Co., S. F.—(1) \$7.75; (2) \$6.25.

C. W. Caletti & Co., S. F.—(1) \$8.25; (2) \$5.00.

L. C. Smith, San Mateo—(1) \$8.50. Rock & Gravel Trucking Co., Oakland—(1) \$9.50; (2) \$7.00.

Tieslan Bros., Berkeley—(1) \$9.90; (2) \$7.50; 1% 10 days. * 25

CONTRACT AWARDED

SANTA CLARA, SANTA CRUZ & SAN MATEO COS., Cal.—C. E. Huls, Merced, at \$4.25 per hour, awarded contract by the Dept. of Public Wks., Div. of Highways, John H. Skeggs, District Engineer, District IV, Rm. 211, State Bldg., San Francisco, for the rental of one truck mounted power shovel unit, equipped with both shovel dipper and clamshell of not less than 4/10-c.y. capacity for 500 hours' use in Santa Clara, Santa Cruz and San Mateo Counties.

Total bids follow:

Per Hr.	
C. E. Huls, Merced.....	\$4.25
Adams Constr. Co., Burlingame.....	4.25
W. E. Karstedt, San Jose.....	4.94
Volpa Bros., Fresno.....	5.75
McReynolds Trucking Co., Oakland.....	6.95
Western Crane Service Co., Berkeley.....	8.00
.....	25

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for equipment parts, Circ. Pro. 378, were awarded by the U. S. Engineer, Los Angeles.

The items are:

- (1) \$6000 list price of American Gopher shovel and crane parts;
- (2) \$6000 list price of Osgood shovel and crane parts;
- (3) \$2000 list price Lima dragline parts;
- (4) \$6000 P & H shovel and dragline parts;
- (5) \$3000 Bay City dragline, shovel and crane parts;
- (6) \$4000 Bucyrus-Erie shovel and loadmaster parts;
- (7) \$5000 Ransome paver mixer parts
- (8) \$10,000 Caterpillar tractor and engine parts.

The awards were:

Shepherd Tractor & Equipment Co.—(8) \$10,000; net.

Crook Co.—(8) \$4000; disc. 5% 10th prox.

Harnischfeger Corp.—(4) \$6000; disc. 2% 10 days.

Carlinghouse Bros.—(7) \$5000; net.

Brown-Bevis Equipment Co.—(5) \$3000; net.

R. T. Muirhead—(2) \$6000; 2% 10 days.

Smith Booth User Co.—(3) \$2000. American Holst & Derrick Co. Paul—(1) \$6000. 25

BIDS WANTED

VENTURA, Ventura Co., Cal.—Until April 13, 3 P. M. (time extended from March 25), bids will be received

by U. S. Engineer, Los Angeles, for rental of plant, equipment and materials (except jet pipe and casings) and to engage operating personnel to obtain 25 wash borings to determine character of materials and presence of rock in area of 340 acres seaward of 18-ft. depth curve in ocean in front of Ventura. Borings to be taken to a depth of 45 ft. below mean lower low water: Circ. Prop. 352. 25

BIDS OPENED

ORANGE, LOS ANGELES AND VENTURA COS., Cal.—Bids for the rental of one 8-ton tandem roller, powered by gasoline engine, for use in Orange, Los Angeles, and Ventura Counties, for a period of approximately 90 working days, opened by the State Highway Department, Los Angeles, are:

- 1. Peter L. Ferry & Son—Buffalo-Springfield rebuilt 1937, \$2.70 per hr.
- 2. William Ward—Austin or Kelly-Springfield, rebuilt 1937, \$3.00 per hr.
- 3. Clyde W. Wood—Austin 1931, \$3.90 per hr. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for 1,872,000 lbs. steel sheet piling, Circ. Prop. 381, were opened by U. S. Engineer, Los Angeles.

The bids are:

LOT NO. 1
 (1) 4320 cwt steel sheet piling, interlocking type, 22 lbs per sq ft of wall (800 pcs 15 ft long) for West Glendale, Cal.

LOT NO. 2
 Steel sheet piling, same as Lot No. 1:
 (1) 6480 cwt (1200 pcs, 15 ft long);
 (2) 7920 cwt (1100 pcs, 20 ft long).

For Dayton Avenue siding, Los Angeles.

The bids were:
 Bethlehem Steel Co., disc 1/4 of 1% 10 da. lots (1) and (2), \$3.82 cwt, basing point value is \$2.80; allow \$1.17 cwt if shipped on govt bill of lading from Lackawanna and Buffalo, N. Y., and equalize.

Inland Steel Co., Chicago, Ill., disc 1/4 of 1% on basing point value (deduct \$1.02 cwt from price quoted), (1) \$3.82 cwt, (2) \$3.82 cwt, f.o.b. cars destination. Deduct full freight charges and equalize if shipped on govt bill of lading from Indiana Harbor, Ind.

Columbia Steel Co., San Francisco, disc 1/4 of 1% on basing point value of \$2.80 cwt, lots (1) and (2) \$3.82; total \$71,510.40, f.o.b. destination. If shipped from South Chicago, Ill., or Munhall, Pa., on govt bill of lading, allow \$1.02 cwt (So Chicago), \$1.17 cwt (Munhall, Pa.) and equalize frt rates.

United Commercial Co., alt bid 159 pcs inland new steel sheet piling ID-16-32 in 40-ft lengths, 32 lbs per sq ft, \$30 ton, f.o.b. Wilmington. 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-234, for furnishing two 2-cy. rated capacity dragline buckets; fob Sacramento:

Harron Rickard & McCone Co., S. F.—\$1202; total \$2404; 2% 30 days.

Eric Steel Constr. Co.—\$330.40; total \$1660.80; no disc.

Blaw-Knox Co., L. A.—\$730; total \$1460; 2% 10 days, 1% 20 days, net 30 days.

Harnischfeger Sales Corp.—915; total \$1830; 6% 10 days, 4% 20 days, 2% 30 days.

Electric Steel Foundry Co., S. F.—\$1202; total \$2404; 2% 30 days.

Edward R. Bacon Co., San Fran-

cisco—\$944.50; total \$1889; 10% 20 days. 25

CONTRACT AWARDED

CONCHAS DAM, N. Mex.—Euclid Road Machinery Co., Cleveland, at \$87,953.96, awarded contract by U. S. Engineer, Conchas Dam, N. Mex., for 8 tractor-trucks with 12 cu. yd. bottom dump semi-trailers, Invt. W911-38-97. Complete bids were:

Oshkosh Motor Truck, Inc.—(1) f.o.b. shipping point, Oshkosh, Wis., ea., \$16,900, alt. bid, \$13,900, disc. 1%; (2) total deliv. cost at Newkirk, N. Mex., \$35,037.75, alt. bid, \$29,097. Bid based on two units only.

Euclid Road Machinery Co., Cleveland—(1) f.o.b. Cleveland, \$10,282, net; (2) \$87,953.96; shipping weight, 22,600 lbs.

Pike Auto & Trailer Works, Los Angeles (trailers only)—(1) \$1800, f.o.b. Los Angeles. 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Bureau of Purchases, 319 State Capitol, Sacramento, under Reg. No. 15434, Quo. No. 50132, for one 6-ton, 3-wheeled, gasoline-powered road roller; f.o.b. Sacramento.

Edward R. Bacon Co., San Francisco—\$3062.50, 2% 30 days.

Spears Wells Machinery Co., Oakland—\$2900, disc. \$100 10 days.

Associated Equipment Co., Ltd., San Francisco—\$2750.50, net.

Harron Rickard & McCone Co., San Francisco—\$2814, 2% 30 days.

Knox-Hale Machinery Co., San Francisco—\$3000, 7% 15 days. 25

BIDS OPENED

INGLEWOOD, Los Angeles Co., Cal.—Identical bids of \$2090.23 for deep well pumping unit and \$1087.68 for well pump bowls were submitted to Inglewood city council March 22 by Worthington Pump & Machinery, Pacific Pump Works, Byron-Jackson, Pomona Pump Co., Layne and Bowler, Peerless Pump, Wintroath Pump Co., Fairbanks-Morse, and Kimball-Krogh Pump Division of Victor Equip. Co. 25

BID OPENED

SAN FRANCISCO.—A. L. Green, 4171 Redding St., Oakland, at \$526, submitted only bid to the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Sale No. 11, for the sale of one un-serviceable crawler type tractor with bulldozer, tools and misc. equipment located at U. S. Engineer Office, Battery Davis, Fort Funston, San Francisco. 25

29—STREETS AND HIGHWAYS

BIDS WANTED

RIVERSIDE CO., Cal.—Until Apr. 21, 2 p.m. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.6 miles grading and paving with asphalt concrete and applying road-mix surface treatment to shoulders and widened areas, between West city limits of Indio and Route 64, Riverside County, Calif.

Work involves:
 (1) clearing and grubbing right of way;

- (2) 1.360 M. gals. water;
- (3) 20 c y. remove concrete;
- (4) 14,600 c y. roadway excavation, without classification;
- (5) 35,000 sta. yds. overhaul;
- (6) 140 c y. struc. excav.;
- (7) 27,300 c y. import borrow;
- (8) 26,100 sq. yds. preparing sub-grade;

- (9) 139 sta. finishing roadway;
 - (10) 38 tons liq. asph., SC-2 (prime coat);
 - (11) 810 tons liq. asph., SC-2 (road-mix surface treatment);
 - (12) 36,300 sq. yds. preparing, mixing and shaping shoulders;
 - (13) 31,750 sq. yds. asphalt paint binder;
 - (14) 10,500 tons mineral aggregate asph. conc. base and leveling course;
 - (15) 6,200 tons min. agg. asph. conc., Type A, surface;
 - (16) 875 tons asph. cement asphaltic concrete;
 - (17) 44 c y. Class A portland cement concrete curbs;
 - (18) 4 each, manholes adjusted to grade;
 - (19) 350 lin. ft. remove and salvaging pipe culverts;
 - (20) 22 each, monuments.
- Plans and specifications may be obtained from the above office. 29

BIDS OPENED

INYO CO., Calif.—Basich Brothers, 20530 S. Normandie Ave., Torrance, at \$19,677.10 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works, Bldg., Sacramento, for grading and placing road-mix surfacing on about 1.5 miles at Independence, Inyo Co., Cal.

- Work involves:
- (1) 50 M. gals. water;
 - (2) 2,750 c y. roadway excavation, without classification;
 - (3) 570 c y. struc. excav.;
 - (4) 6,100 sta. yds. overhaul;
 - (5) 150 c y. import borrow;
 - (6) 78 sta. finishing roadway;
 - (7) 27 tons liq. asph., SC-2 (prime coat);
 - (8) 955 c y. salvaged mineral aggregate road-mix surf.;
 - (9) 1,590 c y. min. agg. road-mix surf.;
 - (10) 165 tons liq. asph., SC-3 (road-mix surf.);
 - (11) 22 tons liq. asph., MC-3 (seal coat);
 - (12) 195 tons sand (seal coat);
 - (13) 1,700 lbs. bar relin. steel;
 - (14) 16,900 lbs. misc. iron and steel;
 - (15) 21 c y. class A portland cement conc. struc.;
 - (16) 976 lf. 18-in. CMP;
 - (17) 12 lf. 24-in. CMP;
 - (18) 2 each, remove and reset existing culvert headwalls;
 - (19) 8 each, culvert markers;
 - (20) 8 each, monuments.

Total bids follow:
 (A) Basich Bros., 20530 S. Normandie Ave., Torrance, \$19,677.10.
 (B) Vido Kovacevich, South Gate, \$19,792.00.

Unit bids follow:

(A)	(B)	(A)	(B)		
(1)....\$3.00	\$2.50	(2)....	\$5.75		
(3)....	1.50	200	(4)....	01 .01	
(5)....	1.00	115	(6)....	12.00	10.00
(7)....	13.50	17.00	(8)....	2.20	2.00
(9)....	1.90	2.25	(10)....	17.50	17.00
(11)....	30.00	30.00	(12)....	4.00	4.50
(13)....	.08	10	(14)....	.25	1.8
(15)....	35.00	40.00	(16)....	.70	1.00
(17)....	.70	1.00	(18)....	3.00	5.00
(19)....	3.00	2.50	(20)....	5.00	4.00

CONTRACT AWARDED

AFACHE COUNTY, Ariz.—Fisher Contracting Co., 518 South 7th Street, Phoenix, at \$9,786.75 was awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for placing a bituminous treatment on 4.840 miles of Section C of Route No. 1, Petrified Forest National Monument in Apache Co.

BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—As previously reported, until April 4, 2 P. M., bids will be received by the Redwood City City

Council, B. E. Myers, City Clerk, City Hall, Redwood City, for grading and paving with a waterbound macadam base and a bituminous macadam wearing surface on Valota Road, extending from Woodside Rd. (State Highway, Route 107), northwesterly 3160 feet to the northeasterly line of Lot 45, Reese Subdivision Redwood City.

Work involves:

- (1) 512 c.y. grading-cutting;
- (2) 387 c.y. grading-filling;
- (3) 63,200 sq. ft. macadam pavement inc. subgrade complete;
- (4) One 18-in. galv. corr. pipe culvert.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SNOHOMISH COUNTY, Wash.—Until April 11, 2 P. M., bids will be received by Clarence Hickey, County Engineer, Everett, for grading, draining, gravel surfacing Section C of Granite Falls-Robe Road, Snohomish County, Wash.

Work involves:

- (1) 10.4 acres clear and grub;
- (2) 27,000 c.y. Class A excavation;
- (3) 215,000 c.y. sta. overhaul;
- (4) 2750 c.y. mile overhaul;
- (5) 2200 c.y. gravel surfacing;
- (6) 4120 ft. guard rail, type I.

Plans and specifications may be obtained from the above office.

BIDS WANTED

OAKLAND, Cal.—Until April 12, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing the easterly side of Grove St. between State Highway Route 55 and 22nd St., Oakland.

Work involves:

- (1) 9845 sq. yds. existing asphalt pavement removed;
- (2) 15 cu. yds. concrete face repairs;
- (3) 189 tons asphalt concrete surfacing.

Plans and specifications may be obtained at the office of the City Engineer upon deposit of \$5.00.

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until April 21, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 2.4 miles grading and paving with Portland cement concrete between New Avenue in Redlands and Crystal Springs, San Bernardino County.

Work involves:

- (1) Clearing and grubbing;
- (2) 2,183 M. gals. water;
- (3) 83,800 c.y. rdwy. excav., unclass.
- (4) 1,700 c.y. struc. excav.;
- (5) 5,179,000 sta. yds. overhaul;
- (6) 70 c.y. existing concrete, remove and dispose of;
- (7) 22,700 sq. yds. preparing subgrade;
- (8) 123 sta. finish rdwy.;
- (9) 49 tons liquid asphalt, SC-4, plant mix surf.;
- (10) 990 tons mineral aggregate plant mix surf.;
- (11) 194 tons liquid asphalt, SC-2 road mix surf. treatment;
- (12) 22,000 sq. yds. preparing, mixing and shaping shoulders and detours;
- (13) 4,440 c.y. Class B portland cement conc. pavement;
- (14) 40,400 lbs. bar reinf. steel pave. and struc.;
- (15) 8,300 each pavement dowels;
- (16) 2,320 each pave. tie bolt assemblies;
- (17) 225 lbs. misc. iron and steel;
- (18) 245 c.y. Class A portland cement conc. struc.;

- (19) 230 lf. 8-in. CMP;
- (20) 840 lf. 24-in. CMP;
- (21) 142 lf. 36-in. CMP;
- (22) 20 each spillway assemblies;
- (23) 107 c.y. Class A portland cement conc. curbs and gutters;
- (24) 117 lf. laminated guard railing;
- (25) 145 each guide posts;
- (26) 15 each culvert markers;
- (27) 0.7 mile new property fences;
- (28) 4 each drive gates;
- (29) 900 sq. yds. asph. paint binder;
- (30) 66 each monuments.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SANTA BARBARA CO., Calif.—Until April 20, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.9 miles grading and paving with Portland cement concrete and constructing four reinforced concrete bridges between Gaviota Pass and Santa Ynez river, Santa Barbara County.

Work involves:

- (1) 154 sta. clear and grub;
- (2) 3,900 M. gals. water;
- (3) 175,000 c.y. rdwy. excav., unclass.
- (4) 425,000 sta. yds. overhaul;
- (5) 6,700 c.y. struc. excav.;
- (6) 1,200 c.y. ditch and channel excavation;
- (7) 22,000 c.y. imported borrow;
- (8) 4,200 c.y. existing concrete remove and dispose of;
- (9) 64 sta. scarifying and leveling existing road;
- (10) 36,400 sq. yds. preparing subgrade;
- (11) 154 sta. finish rdwy.;
- (12) 125 tons asphalt cement grade E roadbed seal;
- (13) 35 tons liquid asph. SC-2 prime coat;
- (14) 295 tons do road mix surface treatment;
- (15) 36,500 sq. yds. preparing, mixing and shaping shoulders, detours and road approaches;
- (16) 1,500 c.y. salvage detour surf.;
- (17) 7,160 c.y. Class A Portland cement conc. pave.;
- (18) 402,000 lbs. bar reinf. steel pave. and struc.;
- (19) 14,000 lbs. misc. steel;
- (20) 13,400 each pavement dowels;
- (21) 3,700 each pavement tie bolt assemblies;
- (22) 16 sections pavement crossing device, type A-11;
- (23) 2,415 c.y. Class A Portland cement conc. struc.;
- (24) 185 c.y. Class A Portland cement conc. footing blocks;
- (25) 37.25 c.y. Class A Portland cement conc. railing;
- (26) 446 lf. 8-in. CMP;
- (27) 1,250 lf. 18-in. CMP;
- (28) 560 lf. 24-in. CMP;
- (29) 358 lf. 36-in. CMP;
- (30) 118 lf. 48-in. CMP, 10 gauge;
- (31) 496 lf. existing CMP removed, cleaned and salvaged;
- (32) 152 lf. relaying salvaged pipe;
- (33) 26 each spillway assemblies;
- (34) 1 each cast steel frame and cover for drop inlet;
- (35) 4,100 lf. laminated guard railing by drop inlet;
- (36) 800 lf. removing and resawing existing guard railing;
- (37) 220 each guide posts;
- (38) 65 each culvert markers;
- (39) 6.5 miles new property fences;
- (40) 22 each drive gates;
- (41) 1 existing bridge removed and disposed of;
- (42) 1 timber detour bridge;
- (43) 1 lot misc. bridge items;
- (44) 90 each monuments.

Plans and specifications may be obtained from the above office.

BIDS WANTED

OAKLAND, Cal.—Until April 12, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing Market Street between San Pablo Avenue and Adeline St., Oakland.

Work involves:

- PROPOSITION A
- (1) 3470 tons asphalt conc. surf.
- PROPOSITION B
- (2) 3470 tons emulsified asphalt mix surfacing.

Plans and specifications may be obtained at the office of the City Engineer upon deposit of \$5.00.

BIDS WANTED

MENDOCINO CO., Cal.—Until April 20, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.5 miles grading and surfacing with untreated crushed gravel or stone surfacing between one-half ml. north of McCoy Creek and Percy, Mendocino Co., Cal.

Work involves:

- (1) 15 acres clear and grub;
- (2) 2000 M. gals. water;
- (3) 122,000 c.y. roadway excavation, without classification;
- (4) 1,270,000 sta. yds. overhaul;
- (5) 3,300 c.y. struc. excav.;
- (6) 450 c.y. ditch and channel excavation;
- (7) 1,200 c.y. trench excav.;
- (8) 15,300 c.y. import borrow;
- (9) 82 sta. finishing roadway;
- (10) 3,200 c.y. untreated crushed gravel or stone surf.;
- (11) 46 tons liq. asph., SC-1A (prime coat);
- (12) 30 tons liq. asph., 90-95 (seal coat);
- (13) 255 c.y. screenings (seal coat);
- (14) 35 c.y. class A portland cement conc. strucs.;
- (15) 1,300 lbs. bar reinf. steel;
- (16) 1.5 MF8M Redwood timber, dense, select, all-heart, struc. grade;
- (17) 15 MF8M Redwood timber, select, all-heart, struc. grade;
- (18) 650 lf. 8-in. CMP;
- (19) 180 lf. 12-in. CMP;
- (20) 1,010 lf. 18-in. CMP;
- (21) 260 lf. 24-in. CMP;
- (22) 200 lf. 30-in. CMP, 12-gauge;
- (23) 164 lf. 42-in. CMP;
- (24) 264 lf. 42-in. CMP, 8-gauge;
- (25) 281 lf. 48-in. CMP, 8-gauge;
- (26) 2,970 lf. 8-in. perf. metal pipe underdrains;
- (27) 630 c.y. rock filling material;
- (28) 2,300 c.y. river run gravel;
- (29) 340 lf. exist. pipe culverts, remove, clean and salvage;
- (30) 6 each, frames and gratings for drop inlets;
- (31) 16 each, spillway assemblies;
- (32) 70 each, culvert markers;
- (33) 35 each, guide posts;
- (34) 2.65 ml. new property fence;
- (35) 80 each, monuments.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SANTA CLARA CO., Calif.—Until April 20, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.9 ml. grading and paving with asphalt concrete and constructing a reinforced concrete bridge between Coyote and Llagas Creek, Santa Clara Co., Cal.

Work involves:

- (1) 700 each, remove and dispose of trees;
- (2) 2,800 M. gals. water;
- (3) 1,450 c.y. remove conc. pave. and strucs.;

- (4) 1 lot, remove Llagas Creek bridge;
- (5) 28,170 c.y. roadway excav., without class;
- (6) 6,500 c.y. ditch and channel excavation;
- (7) 4,350 c.y. struc. excav.;
- (8) 79,400 c.y. import. borrow;
- (9) 650,000 sta. yds. overhaul;
- (10) 574 sta. finish roadway;
- (11) 93,500 sq. yds. preparing subgrade;
- (12) 11,200 sq. yds. preparing, mixing and shaping roadbed;
- (13) 28,500 sq. yds. scarifying and shaping existing surface;
- (14) 12 tons liq. asph., SC-2 (prime coat);
- (15) 325 tons liq. asph., ROMC-3 or ROMC-4 road-mix (surf. treatment);
- (16) 288 tons liq. asph., SC-1A (penetration treatment);
- (17) 192 tons liq. asph., 90-95 (penetration treatment);
- (18) 1,820 tons screenings (penetration treatment);
- (19) 105,450 sq. yds. asph. paint binder;
- (20) 2,610 tons asph. cement, Grade D asphalt conc.;
- (21) 47,400 tons mineral aggregate asphalt conc.;
- (22) 181,400 lbs. bar reinf. steel;
- (23) 1,090 c.y. Class A portland cement conc. strucs.;
- (24) 19.5 c.y. Class A portland cement concrete railing;
- (25) 70 c.y. Class C portland cement concrete strucs.;
- (26) 430 c.y. Class B portland cement concrete curbs and sidewalks;
- (27) 6.4 MFBM Douglas fir timber;
- (28) 6.6 MFBM Redwood timber, select, all-heart struc. grade;
- (29) 120 c.y. dry rubble;
- (30) 450 c.y. light riprap;
- (31) 270 lf. 18-in. std. reinf. conc. pipe;
- (32) 124 lf. 12-in. CMP;
- (33) 76 lf. 15-in. CMP;
- (34) 1,150 lf. 18-in. CMP;
- (35) 210 lf. 18-in. CMP siphons;
- (36) 360 lf. 24-in. CMP;
- (37) 40 lf. 36-in. CMP;
- (38) 250 lf. 30 x 5-in. part circle culvert, 12 gauge;
- (39) 150 lf. 30 x 5-in. part circle culvert, 8 gauge;
- (40) 220 lf. remove and relay existing culvert pipe;
- (41) 1,260 lf. remove and salvage existing culvert pipe;
- (42) 316 lf. laminated guard railing;
- (43) 24 each, culvert markers;
- (44) 35 each, guide posts;
- (45) 17 m. new property fence;
- (46) 5 each, 14-ft. drive gates;
- (47) 6 each, 16-ft. drive gates;
- (48) 1,200 lf. 4-in. vit. clay pipe;
- (49) 800 lf. 6-in. vit. clay pipe;
- (50) 15 each, special catch basins;
- (51) 20 each, manholes adjusted to grade;
- (52) 10 each, moving and resetting electrollers;
- (53) 8 each, handhole frames and covers for monuments;
- (54) 65 each, monuments;
- (55) 1 lot misc. bridge items of work.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

DALY CITY, San Mateo Co., Cal.—Pacific States Constr. Co., 708 Call Bldg., San Francisco, at \$8,480, submitted low bid and was awarded contract by the Daly City City Council, City Hall, for the construction of Templeton and Crocker Streets, Daly City.

Work involves:

- (1) 2,500 c.y. grading;
- (2) 12,000 sq. ft. Portland cement concrete pavement;
- (3) 18,000 sq. ft. asphaltic concrete pavement;

- (4) 19,000 sq. ft. stabilize surlly base pavement armor coat wearing surface;
- (5) 200 lf. concrete curb;
- (6) 700 lf. integral concrete curb and gutter.

Total bids follow:

- (A) Pacific States Constr. Co., 708 Call Bldg. S. F.—\$8,480.
- (B) The Fay Improvement Co., S. F.—\$8,534.
- (C) A. G. Raisch, S. F.—\$10,565.
- (D) Eaton & Smith, S. F.—\$10,561.
- (E) Chas. L. Harney, S. F.—\$10,610.
- (F) Palo Alto Roads Materials Co., Palo Alto—\$10,760.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)
\$145	\$23	\$0.50	\$0.65	\$0.50	\$0.70
20	214	24	21	22	225
3	135	153	17	156	16
4	195	105	14	15	12
5	45	41	60	39	40
6	.90	.80	.85	1.00	1.30

BIDS WANTED

ELKO COUNTY, Nev.—Until April 12, 2 P. M., bids will be received by the Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the reconstruction of approximately 4.33 miles of the State Highway from 5 miles north of Currie to 26 miles south of Wells, Route 13, Section A2 and B2, Elko County.

Work involves:

- (1) 3 c.y. remove concrete;
- (2) 152 lf. remove culvert pipe;
- (3) 6 each, remove headwall;
- (4) 184 sq. yds. remove and stock-pile roadmix surf.;
- (5) 835 c.y. drainage excav.;
- (6) 3 sta. V type ditches;
- (7) 686 c.y. structure excav.;
- (8) 335 c.y. backfill;
- (9) 4 M. gals. water;
- (10) 90 c.y. Class A concrete;
- (11) 14 c.y. Class B concrete;
- (12) 9,740 lbs. reinf. steel;
- (13) 124 lf. 24-in. corr. metal pipe;
- (14) 48 lf. 30-in. corr. metal pipe;
- (15) 118 lf. 36-in. corr. metal pipe;
- (16) 76 lf. relay culvert pipe;
- (17) 2 each move pipe culvert headwalls;
- (18) 184 sq. yds. replace surface.

Plans and specifications may be obtained from the Nevada State Highway Engineer, Robt. A. Allen, Carson City, and from the District Office of the Bureau of Public Roads Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, of which \$5.00 will be refunded.

BIDS WANTED

WASHOE COUNTY, Nev.—Until April 11, 1:30 P. M., bids will be received by the Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nev., for the reconstruction of approximately 3.99 miles of the State Highway from Lawtons to Reno, Route 1, Section A1, Washoe County.

Work involves:

- (1) 15 each, remove trees;
- (2) 200 lf. remove fence;
- (3) lump sum, remove protective fence;
- (4) Lump sum, remove septic tanks;
- (5) 14,670 c.y. rdwy. excav.;
- (6) 65 c.y. drainage excav.;
- (7) 250 c.y. imported borrow;
- (8) 2,940 c.y. embankment;
- (9) 690 c.y. struc. excav.;
- (10) 205 c.y. type 1 gravel base;
- (11) 3 tons type SC-2 liquid asphalt (prime);
- (12) 201 tons type SC-2 liquid asphalt (road-mix);
- (13) 7.97 miles road-mix;
- (14) 8 c.y. Class A concrete;
- (15) 600 lbs. reinf. steel.

ALTERNATE A

- (16) 832 c.y. mortar rubble masonry;

- (17) 150 lf. 15-in. corr. metal pipe;
- (18) 66 lf. 24-in. corr. metal pipe;
- (19) 111 c.y. hand-laid riprap;
- (20) 2 each remove pipe culvert headwalls;
- (21) 13 c.y. Class A concrete curb and gutter;
- (22) 66 sq. yds. grouted rubble gutter;
- (23) 2,560 lf. beam type metal guard rail;
- (24) 778 lf. construct fence;
- (25) 897 c.y. basket riprap;

ALTERNATE B

- (26) 832 c.y. cyclopean concrete;
- (27) 1,500 lf. protective fence;
- (28) 330 lf. 6-in. sewer pipe.

Plans and specifications may be obtained from the State Highway Engineer, Robt. A. Allen, Carson City; and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00, of which \$5.00 will be refunded. * 29

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, 1 De Haro St., San Francisco, at \$35,949.20, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19101, for widening and reconstructing Golden Gate Ave., between Van Ness and Taylor Sts., San Francisco. Estimated cost, \$43,801.95. * 29

BIDS WANTED

LASSEN COUNTY, Calif.—Until April 20, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.4 miles grading and surfacing with plant-mixed surfacing between Nubeber and 8½ miles northeast of Bieber, Lassen Co.

Work involves:

- (1) Clear and grub right of way;
- (2) 2,060 M. gals. water;
- (3) 68,200 c.y. rdwy. excav., unclass.
- (4) 440,000 sta. yds. overhaul;
- (5) 37,200 c.y. imported borrow;
- (6) 800 c.y. struc. excav.;
- (7) 300 c.y. ditch and channel excavation;
- (8) 37 c.y. remove and dispose of existing conc. struc.;
- (9) 542 sta. finish rdwy.;
- (10) 48,700 c.y. imported surf. material;
- (11) 235 tons liquid asphalt SC-2 prime coat;
- (12) 16,800 tons min. aggregate plant mix surf.;
- (13) 895 tons liquid asphalt ROMC-4 or ROMC-5 plant mix surf.;
- (14) 110 tons liquid asphalt ROMC-3 or ROMC-4 seal coat;
- (15) 1,010 tons sand seal coat;
- (16) 119 c.y. Class A portland cement conc. struc.;
- (17) 3,600 lbs. bar reinf. steel;
- (18) 414 lf. 12-in. CMP;
- (19) 530 lf. 18-in. CMP;
- (20) 262 lf. 24-in. CMP;
- (21) 84 lf. 30-in. CMP;
- (22) 54 lf. 36-in. CMP;
- (23) 84 lf. remove, clean, salvage, and stockpile CMP;
- (24) 234 lf. remove, clean and relay CMP;
- (25) 844 lf. laminated guard rail;
- (26) 80 each culvert markers;
- (27) 81 each monuments;
- (28) 16 each clearance markers.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

STATE OF WASHINGTON.—Until April 12, 10 A. M., bids will be received by the Director of Highways, Lacey V. Murrow, Olympia, Wash., for bridge and highway construction, as follows:

SPOKANE CO.: Grading, draining, surfacing, constructing a reinforced

concrete overcrossing, and constructing a bituminous surface treatment plant mix type Class F and light bituminous surf. treatment on about 0.6 mile of Primary State Highway No. 2, Deep Creek West—Overcrossing, Federal Aid Grade Crossing Project No. FAGH 22, in Spokane County, involving about 107,700 cu. yds. of excavation, 960 cu. yds. of selected roadway borrow, 2,150 cu. yds. of screened gravel surfacing, 100 tons of bituminous cement, 256 cu. yds. of concrete, 71,500 lbs. of steel reinforcing bars, 3,742 lf. of corrugated metal gutter, 506 lf. of pipe culverts and other items.

YAKIMA CO.: Constructing a box girder bridge on Primary State Highway No. 5, Naches River Bridge, Federal Aid Project No. 211-E, in Yakima County, involving about 560 cu. y. of excavation, 855 cu. concrete, 205,000 lbs. of reinf. steel, 2,100 lbs. of structural steel, 5,520 lf. of timber piling untreated and other items.

PIERCE CO.: Paving with asphaltic concrete type I-1 of about 0.2 mile of Primary State Highway No. 5, Wood Ave. in Sumner, U. S. Public Works Project No. NRS 250-A, in Pierce County, involving about 761 tons of asphaltic concrete and other items.

WAHKIAKUM CO.: Clearing, grading, draining, and surfacing about 0.6 mile of Primary State Highway No. 12, K. M. Mountain to Grays River, F. A. P. No. 208-C (Unit 2), in Wahkiakum Co. Involving about five acres of clearing, 52,620 cu. y. of excavation, 4,410 cu. y. of ballast, 3,540 cu. y. of crushed stone surfacing, 630 cu. y. of mineral aggregate (oil rock), 15 MBM of treated timber and lumber, 471 lf. of pipe culverts and other items.

ADAMS CO.: Clearing, grading, draining, surfacing and manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on about 7.4 miles of Primary State Highway No. 18, Grant County Line to Ritzville, Section 3, State Project, in Adams Co., involving about 292,390 cu. y. of excavation, 44,660 cu. y. of selected roadway borrow, 2,090 cu. y. of shoulder material, 36,140 cu. y. of crushed stone, 3,410 cu. y. of mineral aggregates (oil rock), 9 cu. y. of concrete, 38 MBM of treated and 2 MBM of untreated timber and lumber, 16,967 lf. of cable guard rail design No. 6, 1,693 lf. of pipe culverts and other items.

WHITMAN CO.: Constructing a light bituminous surface treatment, nonskid seal treatment (single seal) and constructing cable guard rail on about 25.6 miles of Primary State Highway No. 3, Section 1, Palouse to Idaho State Line; Section 2, Oakesdale to Garfield; Section 3, Colfax to Mochkema; and Section 4, Dusty to East, State Project, in Whitman Co., involving about 437 tons of bituminous cement, 6,725 lf. of cable guard rail design No. 6 and other items.

PEND OREILLE and Stevens Cos. Constructing a light bituminous surface treatment and nonskid seal treatment (single seal) on about 51.2 miles of Primary State Highways Nos. 6 and 22, Section 1, McCloud Creek to Blueside; Section 2, Metaline Falls to B. C. Line; Section 3, Northport to B. C. line, State Proj. in Pend Oreille and Stevens Counties, involving about 956 tons of bituminous cement and other items.

SKAMANIA CO.: Clearing, grading, draining, surfacing, manufacturing and stockpiling mineral aggregates (oil rock) and constructing bituminous macadam, light bituminous surface treatment and nonskid seal treatment (single seal) on about 16.6 miles of Primary State Highway No.

8, North Bonneville to Cook, State Project, in Skamania Co., involving about 2 acres of clearing, 12,460 cu. y. of excavation, 23,150 cu. y. of ballast, 28,920 cu. y. of crushed stone surfacing, 14,180 cu. y. of mineral aggregate (oil rock), 506 tons of bituminous cement, 2 cu. y. of concrete, 1,260 lf. of pipe culverts and other items.

LEWIS CO.: Manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on Secondary State Highways Nos. 1-P and 12-E; Section 1, Secondary State Highway No. 1-P, Vader to Ryderland and Section 2, Secondary State Highway No. 12-E, Napavine to Winlock, State Project, in Lewis County, involving about 2,320 cu. y. of crushed stone surfacing and 2,990 cu. y. of mineral aggregates (oil rock).

LEWIS COUNTY: Surfacing, manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) and constructing a light bituminous surface treatment and nonskid seal on about 43.5 miles of Primary State Highway No. 5 and Secondary State Highway No. 5-L, Section 1, Kiona Creek to Ohanopocosh, and Section 2, Morton to West Fork on Primary State Highway No. 5 and Section 3, Morton to Riffe on Secondary State Highway No. 5-L, State Project, in Lewis County, involving about 13,980 cu. y. of crushed stone surfacing, 7,060 cu. y. of mineral aggregates (oil rock), 1,165 tons of bituminous cement and other items.

LINCOLN and Ferry Cos.: Surfacing with crushed stone, manufacturing and stockpiling crushed stone surfacing material and mineral aggregates (oil rock) and constructing a light bituminous surface treatment and nonskid seal on about 24.9 miles of Primary State Highways Nos. 4 and 7 and Secondary State Highway No. 4-A, Section 1, Secondary State Highway No. 4-A, Republic to O'Brien Creek; Section 2, Primary State Highway No. 7, Davenport South and Section 3, Primary State Highway No. 4, Wilbur to Keller, Ferry State Project, in Lincoln and Ferry Cos., involving about 10,100 cu. y. of crushed stone surfacing, 2,900 cu. y. of mineral aggregates (oil rock), 475 tons of bituminous cement and other items.

SKAGIT COUNTY: Surfacing with crushed stone and manufacturing and stockpiling crushed stone surfacing on about 13.6 miles of Secondary State Highway 17-A, Birdsview to Rockport, State Project, in Skagit County, involving about 10,300 cu. y. of crushed stone surfacing.

MASON COUNTY: Manufacturing and stockpiling mineral aggregates (oil rock) for nonskid seal treatment on Primary State Highway No. 14, Junction of Primary State Highway No. 9 to Belfair, State Project, in Mason County, involving about 4,407 cu. y. of mineral aggregate (oil rock).

KITSAP and Pierce Cos.: Manufacturing and stockpiling crushed stone surfacing material and mineral aggregate (oil rock) for nonskid seal treatment on Primary State Highway No. 14, Port Orchard to Gig Harbor and Port Orchard to Harper, State Project, in Kitsap and Pierce Counties, involving about 587 cu. y. of crushed stone surfacing and 4,285 cu. y. of mineral aggregate (oil rock).

Plans and specifications may be obtained from the above office upon deposit of \$2.00. 29

BIDS WANTED

LOS ANGELES, Cal.—Until April 6, 10 a. m., bids will be received by Los Angeles Board of Public Works for grading, paving and otherwise improving Olympic Blvd. between Alley west of Bonnie Brae St. and Hoover St., a Cash Contract.

The work involves:

- (1) lump sum, grading;
- (2) 88 tons asphaltic conc. wearing surface, including surf.;
- (3) 5,803 tons asphalt. conc. base, including resurf.;
- (4) 143,961 sq. ft. Warrenite-Bituminous lithic wearing surf., 2 in. thick;
- (5) 15,467 sq. ft. Warrenite-Bituminous lithic wearing surf., variable thickness (average thickness, 2 inches);
- (6) 1,063 sq. ft. rock and oil roadway, 2 inches thick;
- (7) 34,627 sq. ft. stabilized subgrade, 4 inches thick;
- (8) 19,540 sq. ft. conc. pave., 8 in. thick, including local depressions;
- (9) 1,292 sq. ft. conc. pavement, 6 inches thick;
- (10) 703 lin. ft. monolithic curb;
- (11) 3,330 sq. ft. monolithic sidewalk;
- (12) 3,211 lin. ft. heavy class unplastered curb;
- (13) 858 lin. ft. curb armor;
- (14) 2,575 lin. ft. curb bar;
- (15) 15,180 sq. ft. one course sidewalk, 3 inches thick;
- (16) 240 sq. ft. one course sidewalk, 4 inches thick (driveway);
- (17) 400 sq. ft. one course sidewalk, 6 inches thick (driveway);
- (18) 911 sq. ft. conc. gutter, 8 inches thick;
- (19) 618 sq. ft. conc. gutter, 6 inches thick;
- (20) lump sum, storm drain;
- (21) relocation and reconstruction of existing ornamental lighting system;
- (22) installation of ornamental lighting conduit together with all necessary appurtenances and appurtenant work;
- (23) concrete retaining wall, including grating, pipes and other appurtenances and appurtenant work, but not including pavement, curb or walk;
- (24) 131 lin. ft. 4-in. C I soil pipe (roof drains);
- (25) 4 manholes to be reset. • 29

BIDS WANTED

LOS ANGELES, Cal.—Until April 13, 10 A. M., bids will be received by Los Angeles board of public works for grading, paving and otherwise improving Hoover St. at Pico St. and Lake St., a cash contract.

The work involves:

- (1) lump sum, grading (130 cu. y. excavation and 60 cu. fill, inc. removal of exist. improvements);
 - (2) 114 tons asphalt. conc. wearing surface, inc. resurf.;
 - (3) 230 tons asphalt. conc. base, inc. resurf.;
 - (4) 625 sq. ft. conc. pave., 8-inches thick, inc. local depressions;
 - (5) 126 lf. monolithic curb;
 - (6) 22 lf. heavy class unplas. curb;
 - (7) 20 lf. special curb;
 - (8) 147 lf. curb armor;
 - (9) 212 lf. curb bar;
 - (10) 492 sq. ft. monolithic sidewalk;
 - (11) 521 sq. ft. 1-course sidewalk, 3-in. thick;
 - (12) 1149 sq. ft. conc. gutter, 8-in. thick;
 - (13) lump sum, storm drain;
 - (14) remodeling and reconstructing existing orna. lighting system;
 - (15) 1 manhole to be reset.
- The storm drain involves:
- 509.92 ft. 30-in. reinf. concrete pipe, double medium, 1250-D;
- 60 ft. std. strength, 21-in. cem. conc. pipe;
- 117 ft. 18-in. do;
- 127 ft. 15-in. do;
- 183 ft. 12-in. do;
- 5 catchbasins, No. 38;
- 2 catchbasins, No. 39;
- 1 catchbasin, No. 40;
- 3 manholes. 29

BIDS WANTED

BURLINGAME, San Mateo Co., Cal.—Until April 18, 8 P. M., bids will be received by the Burlingame City Council, J. R. Murphy, City Clerk, City Hall, Burlingame, for 0.6 mile of resurfacing with asphaltic concrete, together with grading, curbing, sidewalks, gutters and appurtenances on El Camino Real between Bellevue Ave. and Peninsula Ave.; and 0.17 mile widening and resurfacing with asphaltic concrete with combined concrete curb and gutter on each side of the street 6-feet in width on Broadway between South Pacific railroad and the Bayshore Highway, Burlingame.

Work involves:

- 1) Asphalt concrete:
 - (a) 932 tons leveling course;
 - (b) 2400 tons wearing surface;
 - (c) 275 tons gutter;
- 2) Portland cement concrete, Class A:
 - (a) 25 c.y. curb and gutter;
 - (b) 20 c.y. sidewalk and driveway;
 - (c) 210 c.y. wide curb and gutter;
 - (d) 30 c.y. pavement base;
- 3) 190 lf. 12-in. reinf. conc. pipe culvert;
- 4) 550 lf. 12-in. plain concrete pipe culvert;
- 5) 2 standard manholes;
- 6) 5 standard catchbasins;
- 7) rebuilding six catchbasins;
- 8) 1 special curb inlet;
- 9) 1600 sq. ft. remove existing pavement base;
- 10) 31,730 sq. ft. remove existing surface;
- 11) removal of two trees;
- 12) 200 c.y. earth fill.

Plans and specifications may be obtained at the office of the Superintendent of Public Works, City Hall, 267 Park Road, Burlingame, upon the deposit of \$5.00. • 29

BIDS OPENED

STATE OF OREGON.—R. I. Stuart & Sons, Medford, at \$22,550 submitted low bid to the Oregon State Highway Commission, Public Service Bldg., Portland, for furnishing 9,450 cu. y. crushed rock in stockpiles. Bannockport Orford Section of the Oregon Coast Highway, Coos and Curry Counties. State project.

Total bids follow:

R. I. Stuart & Sons, Medford	\$22,550.00
Risher Bros., Oregon City	23,711.00
A. C. Greenwood, Inc., Portland	24,817.50
H. G. Johnson, Portland	24,845.00

• 29

LOW BIDDER

MARICOPA COUNTY, Ariz.—Tanner Construction Co., 801 Security Bldg., Phoenix, at \$108,462 submitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of the Phoenix-Prescott Highway, FA 59, 3rd road, Sec. 2 (1938) AFE 8985. The work, which begins about 3 miles south of the Wickenburg bridge and extends south about 2½ miles, consists of grading, draining, aggregate base course and SC-4 road oil road mix, and is to be completed on or before Nov. 15, 1938.

Complete bids will be published shortly. • 29

CONTRACT AWARDED

SACRAMENTO AIR DEPOT—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$201,500, awarded contract by the Constructing Quartermaster, Sacramento Air Depot, for the construction and completion of runways and drainage at the Sacramento Air Depot, Sacramento. • 29

MARIN COUNTY—Tennis and Handball Courts—(City)

MILL VALLEY, Marin Co., Cal.—Brown & Lambretti, 275 E. Blythedale Ave., Mill Valley, at \$9,344.35, submitted low bid to the Mill Valley City Council, Wm. Foley, City Clerk, City Hall, Mill Valley, for construction of three tennis courts in Mill Valley Recreational Park.

Bids will be taken as follows:

- (1) Grade to subgrade and finish grade of Bench No. 1 and Bench No. 2;
- (2) Construct three tennis courts on Bench No. 1, as follows:
 - (a) Using Calrock pavement and lighting system shown on Sheets 3, 4 and 6 of drawings;
 - (b) using Calrock pavement and lighting system shown on Drawing Sheet 6-A;
 - (c) using laycolod pavement and lighting system shown on Drawings 3, 4 and 6;
 - (d) using laycolod pavement and lighting system shown on Drawing 6-A;
 - (e) using asphalt concrete pavement and lighting system

- shown on Drawings 3, 4 and 6
- (f) using asphalt concrete pavement and lighting system shown on Drawing 6-A;
- (3) Construct concrete steps, concrete walls, and cement walks;
- (4) Construct four handball courts, as follows:
 - (a) using Calrock pavement;
 - (b) using laycolod pavement;
 - (c) using asphalt concrete pavement.

Total bids follow:

(A) Brown & Lambretti, 275 East Blythedale Ave., Mill Valley—	\$9,344.35.
(B) Eaton & Smith, San Francisco—	\$10,694.00.
(C) Ransome Co., Emeryville—	\$10,700.00.
(D) Lee J. Immel, Berkeley—	\$10,900.00.
(E) E. A. Forde, San Anselmo—	\$11,751.00.
(F) Chas. L. Harney, San Francisco—	\$11,960.00.
(G) Mallott & Peterson, San Francisco—	\$13,135.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$635.00	\$700.00	\$480.00	\$470.00	\$200.00	\$427.00	\$720.00
(2a).....	7055.35	.....	.....	8092.00	8430.00	.....	.....
(b).....	6673.35	.....	.....	7710.00	7998.00	.....	.....
(c).....	.....	.....	.....	8792.00	8830.00	.....	8948.00
(d).....	.....	.....	.....	8410.00	8396.00	.....	8527.00
(e).....	.....	7018.00	78.00.00	8792.00	10,430.00	7794.00	.....
(f).....	.....	7018.00	7600.00	8410.00	10,008.00	7412.00	.....
(3).....	683.00	704.00	660.00	520.00	830.00	2088.00	1462.00
(4a).....	1353.00	.....	.....	2200.00	2723.00	.....	.....
(b).....	.....	.....	.....	2300.00	2975.00	2033.00	.....
(c).....	.....	2272.00	1961.00	2300.00	2773.00	.....	2420.00

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento on April 13, 1938.

Following is a list of blue prints and prices:

IV-Ala-5-69-Oak,Emv,Ber — East approach to the S. F.-Oakland Bay Bridge, bet. the distribution structure and University Avenue; PLANS (No. of Sheets), 11; cost, \$110; CROSS-SECTIONS (No. of Sheets), none; total, \$110.

IV-SCI-68-B—Bet. Agnew Underpass and North San Jose Underpass: NONE.

IX-Ker-23-A—Bet. So. Bdwy. and 5 miles north of Rosamond; PLANS (No. of Sheets), 20; cost, \$2.00; CROSS-SECTIONS (No. of Sheets), 138; cost, \$13.80; total, \$15.80.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, California.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. • 29

BIDS WANTED

ADAMS COUNTY, Wash.—Until April 8, 1:30 P. M., bids will be received by the Adams County Engineer, A. G. Wagner, Ritzville, Wash., for (1) surfacing, draining and grading Schwerin Road 22 and Kanzler Road 129, about six miles in length. Work involves: 70,660 c.y. Class A excavation; 883 c.y. solid rock excavation; 664 c.y. struc. excav.; 11,630 c.y. overhaul; 8851 c.y. surfacing; 133 c.y. concrete; 11,900 lbs. reinforcing steel and 698 ft. of corrugated iron pipe; (2) similar work on Rd. 471. Gates Stallions Road, involving 56,679 c.y. Class A excavation; 4788

c.y. overhaul; 7250 c.y. surfacing; 3 c.y. concrete; 874 ft. corr. iron pipe. Plans and specifications may be obtained from the above office upon the deposit of \$5.00. • 29

CONTRACT AWARDED

HICKAM FIELD, T. H.—Tucker-McClure, Balboa, C. Z., at \$378,100 awarded contract by the Quartermaster General Office, Washington, D. C., under Bid No. W 397-38-23, for the construction and completions of Sections B and C of the landing mat, Hickam Field, T. H. • 29

BIDS OPENED

VANCOUVER, Wash.—Dougan-Hammond Constr. Co., Rothschild Bldg., Portland, at (1) \$24,037, and Johnson Constr. Co., Arts Bldg., Vancouver, at (2a) \$17,841, (2b) \$7120, (3a) \$9680, (3b) \$3685, submitted low bids to the Vancouver City Clerk, Chas. A. McDonald, for (1) furnishing materials and construction of a concrete reservoir of 4,000,000 gallon capacity to be 17 feet square and 30 feet deep; (2) steel roofing of reservoirs, (a) new reservoir, (b) old reservoir; (3) wood roofing reservoirs, (a) new reservoir, (b) old reservoir.

Complete bids follow:

Dougan-Hammond Constr. Co., Rothschild Bldg., Portland—(1) \$24,037; (2a) \$17,835, (2b) \$7900; (3a) \$9700, (3b) \$4500.

Johnson Constr. Co., Arts Bldg., Vancouver—(1) \$27,287, (2a) \$17,841, (2b) \$7120; (3a) \$9680, (3b) \$3685.

Geo. Isackson, Portland—(1) \$25,488, (2a) \$19,700, (2b) \$7942, (3a) \$10,499, (3b) \$4300.

Shattuck & Neland, Portland—(1) \$26,794.

King & Co., Vancouver—(1) \$29,155; (3a) \$11,418, (3b) \$4682.

J. T. Scott, Vancouver—(1) \$29,859; (3a) \$11,220, (3b) \$4763.

H. J. Adler Constr. Co., Yakima—(1) \$30,180; (2a) \$20,000, (2b) \$8500. Chertney & Reverman, Portland—

(1) \$30,187; (2a) \$20,326, (2b) \$8531; (3a) \$11,741, (3b) \$4664.

Parker-Schram Co., Portland—(1) \$30,270; (2a) \$19,600, (2b) \$8000; (3a) \$11,600, (3b) \$4600.

Drake, Wyman & Voss, Portland—(1) \$31,511; (2a) \$18,200, (2b) \$7940; (3a) \$10,550, (3b) \$4500.

David Nygren, Seattle—(1) \$31,670; (2a) \$18,000, (2b) no bid.

L. H. Hoffman Constr. Co., Portland—(1) \$32,000; (2a) \$18,647, (2b) \$7993; (3a) \$10,977, (3b) \$4345.

Warren-Northwest, Inc., Portland—(1) \$33,620.

Soule & Walters, Elma, Wash.—(1) \$34,985; (3a) \$11,849, (3b) no bid.

Union Constr. Co., Inc., Seattle—(1) \$39,490.

Ward & Milbrandt, Portland—(1) \$47,138; (2a) \$18,235, (2b) \$7498; (3a) \$11,726, (3b) \$4264. • 30

NOTICE TO BIDDERS

PLACER COUNTY, Cal.—Amendments Nos. 1 and 2 to specifications for the North Fork Dam, for which bids are to be received by the U. S. Engineer Office, Room 208, Post Office building, Sacramento, April 5, have been issued to prospective bidders. In addition to word changes in the specifications, the addenda include the completed minimum wage scales as determined by the U. S. Department of Labor.

A copy of the labor classification is on file for inspection at the office of Daily Pacific Builder. • 30

30—RESERVOIRS & DAMS

CONTRACT AWARDED

PROVO RIVER PROJECT, Utah.—Rohl - Conolly Company, 4351 Valley Blvd., Los Angeles, at \$2,189,096, was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 768, for the construction of the Deer Creek Dam and railroad and highway relocation, Provo River Project, Utah. • 30

LOW BIDDER

CLATSOP CO., Ore.—Brookfield Co., Astoria, at \$18,928 (Sec. A), \$17,484 (Sec. C) and \$21,775 (Sec. D), submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-424, for the reconstruction of approximately 13,950 lin. ft. of levee, removal of six existing tide boxes, construction of four continuous wood stave pipe tide boxes equipped with circular automatic drainage gates, approximately 1550 lin. ft. of drainage ditches, approximately 4520 lin. ft. of rock riprap revetment, and, if necessary, of pile bulkheads, all situated in Diking Districts Nos. 2 and 5, Clatsop Co., about two miles south of the City of Astoria, Oregon.

Complete bids will be published shortly. • 30

LOW BIDDER

CLATSOP CO., Oregon.—Brookfield Company, Astoria, at \$48,100, submitted low bid to the U. S. Engineer Office, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-469, for the construction of approximately 8900 feet of rock riprap revetment, situated in Drainage District No. 1 and Blind Slough Diking District, Clatsop County, Oregon.

Complete bids will be published shortly. • 30

BIDS WANTED

MARION COUNTY, Oregon.—Until April 19, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-479, for the construction of approximately

TRACY ELEMENTARY SCHOOL

SCHOOL

TRACY, San Joaquin Co., Cal. Eston Ave. bet. Parker and Holly Drive

New elementary school. Owner—Tracy Elementary Sch. District (Henry A. McCrory, Clerk).

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Low Bidder—Geo. Roek, 830 N. Pacific Ave., Stockton.

General bids were received with the following alternate proposals: (1) add for window awning; (2) add for attic insulation; (3) add for asbestos roof; (4) add for exterior door metal (5) add for accord. dr.; (6) add for cork easel; (7) add for maple floor; (8) add for linol. floor; (9) add for brick veneer; (10) add for plaster, Class R; (11) add for plaster, Corr.; (12) deduct for omitting Class 6.

Complete basic bids follow:

General Work

Table with 2 columns: Bidder Name and Amount. Includes Geo. Roek, Hillberg, and C. A. Tornell.

Table with 12 columns (A-J) and 12 rows of bid amounts for various items.

(5623) 1st report Oct. 28, 1937; 6th, March 25, 1938. • 15

Table with 2 columns: Bidder Name and Amount. Includes W. H. Ecker, C. H. Dodd, H. H. Henning, etc.

Plumbing and Heating

Table with 2 columns: Bidder Name and Amount. Includes Miller-Hays Co., F. H. Johnson, Arthur Ray, etc.

Electric Work

Table with 2 columns: Bidder Name and Amount. Includes Scott-Buttner Electric Co., Eddy Electric Co., Franke Electric Co., etc.

Alternate proposals on general bids follow:

Table with 12 columns (A-J) and 12 rows of bid amounts for various items.

5,500 feet of rock riprap revetment at Weston Bend in Horseshoe Lake District Improvement Co., and 6,200 feet of rock riprap revetment at Ditmars Bend in Ditmars Bend District Improvement Co., Marion County; and for clearing, bank sloping, gravel excavation and gravel filling along the Willamette river 60.0 and 68.5 miles, respectively, above the mouth of the river. Work involves:

- Section A—Weston Road
(1) 5 acres bank clearing;
(2) \$200 c.y. bank sloping;
(3) 18,700 c.y. gravel excavation;
(4) 11,000 c.y. gravel fill;
(5) 32,500 c.y. riprap rock, in place.

- Section B—Ditmars Bend
(6) 5 acres bank clearing;
(7) 10,000 c.y. bank sloping;
(8) 19,900 c.y. gravel excavation;
(9) 13,100 c.y. gravel fill;
(10) 35,000 c.y. riprap rock, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. • 30

COMPLETE BIDS

CLATSOP CO., Oregon.—Brookfield Company, Astoria, at \$48,100, submitted low bid to the U. S. Engineer Office, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-469, for the construction of approximately 8900 feet of rock riprap revetment, situated in Drainage District No. 1 and Blind Slough Diking District, Clatsop County, Oregon.

- Work involves:
(1) 7 acres clearing and grubbing;
(2) 2200 c.y. bank sloping;
(3) 16,000 c.y. riprap, in place.

Table with 2 columns: Bidder Name and Amount. Includes Brookfield Co., Milrene Co., Harold Blake, etc.

\$44,653.

Table with 4 columns: Bidder Name and Amount. Includes (A) through (F) with prices for various items.

Brookfield Company, Astoria, stipulated that their bid was submitted with the understanding that they would not be awarded more than one project at the bid opening. (Two bids were opened: No. 698-38-424, and 698-38-469.) • 30

31—PIPE LINES & WELLS

BIDS WANTED

MARYSVILLE, Yuba Co., Calif.—Until April 7, 10 a.m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5188, for drilling, casing, perforating, testing and capping a well at Farm Security Administration, Marysville Military Labor Camp, Marysville, Cal. Bids will be taken on:

- DRILLING AND TESTING
(1) From ground surface to depth of 100 feet below ground surface;
(2) From depth of 100 feet to depth of 150 feet;
(3) From depth of 150 feet to depth of 200 feet.

- FURNISHING & PLACING CASING
(4) Furnishing and placing 200 lin. feet, 10-in. 12-gauge double well casing;
(5) Furnishing and placing 200 lin. ft. 8-in. 12-gauge double well casing;

- TESTING
(6) Furnishing all necessary equipment and making the required "Pumping Tests." • 31

BIDS OPENED

MODOC CO., Cal.—Following submitted bids to the Department of Agriculture, Washington, D. C., for drilling, casing and completing a well at Tule Lake Wildlife Refuge, Modoc County, Cal.

- Bids taken on: 1) Six-inch—(a) first 50 feet (b) next 50 feet (c) next 25 feet 2) Four-inch—(a) first 50 feet (b) next 50 feet (c) next 50 feet (d) next 25 feet 3) Additional capacity test, each; 4) Credit to Government: (a) 6-inch; (b) 4-inch; 5) Unit price per foot for perforating casing.

Total bids follow: A) George Hartley, Bonanza, Ore., \$608.75 (200 feet). B) J. A. Roberts, Klamath Falls, \$1,237.50. C) Van Meter Bros., Malln, Oregon, \$1,298.75 (200 feet). D) Southern Oregon Well Drilling Co., Klamath Falls, \$687.50 (6-inch); \$831.25 (4-inch).

Unit prices follow: Table with 4 columns (A, B, C, D) and rows 1a through 5. Includes unit price for Van Meter Bros. submitted at alternate price for standard pipe at \$6.00 for 6-inch; \$4.40 for 4-inch.

BIDS WANTED

SAN FRANCISCO.—Until April 8, p.m., bids will be received by the Public Utilities Commission, Room 47, City Hall, under Water Dept. Spec. No. 175, for laying 6-inch cast iron mains in 48th, 41st, Esmeralda Aves., and Sweeny St., San Francisco. Work involves:

- 1) 2290 lf. excav. and backfill for 6-in. pipe, trench 17 inches wide by 38 inches deep; 2) 25 c.y. additional excav. and backfill; 3) 175 sq. ft. of additional pavement removal; 4) 2290 lf. installing 6-in. ball and spigot cast-iron pipe; 5) 3015 lbs. installing fittings, gate valves, etc.; 6) 308 lf. making joints for pipe and fittings; 7) 2175 sq. ft. repavement; 8) 39 3/4-in. screw taps installed; 9) 625 lf. installing 3/4-in. service pipe.

Plans and specifications may be obtained from sixth floor, 425 Mason St., upon deposit of \$5.00.

LOW BIDDER

BONNEVILLE, Oregon.—Steinman Bros., Portland, Ore., at \$1,050 submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-268, for drilling and casing a well for domestic water supply on Bradford Island, Bonneville. Work involves: 150 lf. drilling with well drill, furnishing and setting not less than 6-inch ID casing.

BIDS WANTED

INGLEWOOD, Los Angeles Co., Cal.—Until April 5, 7:30 P. M., bids will be received by the Inglewood city council for furnishing water

COCHISE CO., ARIZ.—Highway Improvement—(State)

COCHISE CO., Ariz.—Martin Construction Co., 311 North Third Ave., Tucson, at \$42,823.37, submitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of Douglas-Safford Highway, FAS 114-E, AFE 8124. The work, which begins at the town of McNeal, about 26 miles north of Douglas, and extends north about 5 1/2 miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road-mix), and is to be completed on or before August 31, 1938.

- The work involves: (1) 15,797 c.y. roadway excav., uncl.; (2) 0.909 mi. grading roadway to section (except dips), Sta. 1076 to Sta. 1124; (3) 1340 ft. grading and construction dips section; (4) 1,223 c.y. drainage excav., uncl.; (5) 12,280 ft. grader ditches; (6) 55 c.y. struc. excav., uncl.; (7) 11,521 sta. yds. overhaul; (8) 29,157 cu. y. select material; (9) 12,495 tons agg. base course; (10) 8,369 c.y. stripping pits; (11) 883 c.y. mi. stripping material haul; (12) 16 c.y. class A concrete; (13) 244 ft. 18-in. C M pipe;

Table with 4 columns (A, B, C, D) and rows (1) through (23) showing bid prices for various materials and quantities.

well pumping unit to be installed in 18-inch well in Centinela Park, Well No. 10. Specifications may be obtained at the office of the city engineer, Arthur W. Cory. Certified or cashier's check or bond, 10%. Otto H. Duclke, city clerk. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

YERBA BUENA ISLAND.—Until April 4, 3 p.m., bids will be received by the San Francisco Bay Exposition Company, 585 Bush Street, San Francisco, under Contract No. 170, for construction of Sewage Treatment Plant on Yerba Buena Island. Plans and specifications may be obtained from the above office. 32

TENTATIVELY AWARDED

PETALUMA, Sonoma Co., Calif.—A. Soda & Son, 5231 Grove St., Oakland, at \$77,858.22, was tentatively awarded the contract awaiting FWA approval by the Petaluma City Council, City Hall, Petaluma, for the construction of Unit "C" of the Municipal Sewage Disposal Project, Petaluma.

The bid of Oakland Sewer Constr. Co., Oakland, at \$78,391.45, previously reported tentatively awarded, was rescinded. 32

- (14) 22 ft. resetting 24-in. C M pipe; (15) 3 each, cattle guards; (16) 56,900 sq. ft. std. line fence; (17) 7 each, std. wire gates, Type 2; (18) 38 each, guide posts; (19) 18 each, E/W markers; (20) 9,278 tons mineral agg.; (21) 109,308 gal. road oil, SC-2 (for road mix); (22) 5,549 processing road mix; (23) 358 sq. yds. placing inter-sections.

Total bids follow: (A) Martin Constr. Co., Tucson — \$42,823.87. (B) Warren Southwest, Inc., Los Angeles —\$43,776.35. (C) Phoenix-Temple Stone Co., Phoenix —\$46,333.64. (D) Tiffany Constr. Co., Phoenix —\$49,403.34. (E) J. A. Casson Co., Phoenix —\$50,855.43. (F) Heuser & Garnett, Holbrook —\$53,484.60. (G) Daley Corp., San Diego —\$60,546.84. (H) Lee Moor Constr. Co., El Paso —\$63,321.18. (I) L. R. Allison, Albuquerque —\$69,050.79.

Table with 11 columns (A through I) and rows showing unit prices for various materials and quantities.

CONTRACT AWARDED

PETALUMA, Sonoma Co., Cal.—A. Soda & Son, 5231 Grove St., Oakland, at \$77,858.22, was awarded contract by the Petaluma City Council, City Hall, Petaluma, for the construction of Unit "C" of the Municipal Sewage Disposal Project, Petaluma. 32

CONTRACT TENTATIVELY AWARDED

CHOWCHILLA, Madera Co., Cal.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$21,684.16, submitted low bid and was tentatively awarded the contract by the Chowchilla City Council, City Clerk, City Hall, Chowchilla, for the construction of a disposal plant and force main in the City of Chowchilla, Cal. Total bids follow: Fred J. Early, Jr., 369 Pine St., San Francisco —\$21,684.16. Robert B. McNair, Oakland, 22,107.50. Underground Construction Co., Berkeley — 23,986.20. John F. Whiteley, Oakland, 24,988.50. 32

BIDS WANTED

OAKLAND, Calif.—Until April 12, 1 p.m., bids will be received by the Oakland City Council, W. W. Chapell, City Clerk, City Hall, for the construction of outlet tunnel and sewer in Broadway Terrace, Oakland. Estimated cost, \$65,000.

Work involves:

- (1) 777 lf. concrete lining standard tunnel section complete, 24-in. vitrified pipe sewer, exclusive of reinforcing steel;
- (2) 200 lf. ft. concrete lining extra strength lining section complete, 24-in. vitrified pipe sewer, exclusive of reinforcing steel;
- (3) 89,694 lbs. reinforcing steel in tunnel lining;
- (4) 224 lin. ft. 24-in. vit. pipe sewer;
- (5) 109 lf. 24-in. vit. pipe sewer concrete saddle;
- (6) 177 lf. 21-in. vit. pipe sewer;
- (7) 123 lf. 18-in. vit. pipe conduit;
- (8) 134 lf. 10-in. vit. pipe conduit;
- (9) 95 lf. 48-in. corr. iron pipe;
- (10) 2 special manholes;
- (11) 1 manhole inlet top.

Plans and specifications may be obtained from the City Engineer's office upon deposit of \$5.00. * 32 BIDS OPENED

LOS ANGELES, Cal.—Charles H. Johnston, 530 N. Mart. Ave., Los Angeles, and Nick Perscall, 938 N. Beaudry St., Los Angeles, at \$37,061.48 submitted the low bid to the Los Angeles County Supervisors for the relocation of the Los Angeles River Crossing of the Glendale Intercepting Sewer Section No. 2, approximately 1000 lf. C. H. Howell, 751 S. Figueroa St., Los Angeles, chief engineer.

Work involves:

- (1) 45 5-ft. 48-in. CI pipe in place on new alignment;
- (2) 374 ft. circular tied-lined reinf. conc. monolithic sewer in place;
- (3) 374 ft. double barrel sewer (concrete encase 36- and 30-in. pipes) in place;
- (4) 40 ft. semi-elliptic tile-lined reinforced conc. monolithic sewer, in place;
- (5) lump sum for manhole structure at Sta. 140 plus 71.20 complete with frame, cover, and misc. metalware;
- (6) lump sum for manhole structure at Sta. 137 plus 90 complete with frame, cover, and misc. metalware;
- (7) lump sum for standpipe structures at Sta. 137 plus 35 complete with frame, cover and miscellaneous metalware;
- (8) lump sum for manhole structure at Sta. 136 plus 85.56 complete with fame, cover and miscellaneous metalware;
- (9) 80 c.y. rock fill in place at Sta. 137 plus 90;
- (10) 1200 sq. ft. (horizontal projection) for placing mortar to a minimum depth of 0.6 ft. in the top surf. of the rock fill at Sta. 137 plus 90;
- (11) 20 c.y. additional or less Class F concrete, due to any authorized change in the neat lines, as shown on plans, of any reinf. concrete structure to be built hereunder, bid price to include cost of all incidental work;
- (12) 3000 lbs. placing additional or less reinf. steel than that shown in the drawings. * 32 in the drawings.

Complete bids follow:

Chas. H. Johnston and Nick Perscall: (1) \$14; (2) \$32.20; (3) \$51.50; (4) \$31.68; (5) \$2892.91; (6) \$780.17; (7) \$302.22; (8) \$2087.98; (9) \$5; (10) \$20; (11) \$12; (12) \$0.2; total, \$37,061.48.

Stroud-Seabrook: (1) \$20.10; (2) \$2.14; (3) \$72.56; (4) \$25.52; (5) \$2,790 (6) \$716.40; (7) \$129.60; (8) \$2,516.40; (9) \$3.60; (10) \$0.6; (11) \$1.18; (12) \$0.2; total, \$46,367.94.

R. A. Wattson: (1) \$30; (2) \$60; (3) \$50; (4) \$50; (5) \$2500; (6) \$1000; (7) \$250; (8) \$3000; (9) \$6; (10) \$20; (11) \$8.50; (12) \$0.15; total, \$17,520.

Radich & Brown: (1) \$42; (2) \$44; (3) \$42; (4) \$18; (5) \$3100; (6) \$2500;

REDDING—MUNICIPAL WATER SYSTEM—(City)

REDDING, Shasta Co., Calif.—J. P. Brennan, Redding, at \$102,960, submitted low bid to the Redding City Council, Winfred Wright, City Clerk, Redding, for construction of municipal water system at Redding. The City Council tentatively awarded the contract to J. P. Brennan at \$101,573, after alternate E had been deducted. Engineer's estimate, \$100,880.

Work involves:

- (1) Lump sum, construct intake tower, tunnel and wetwall complete:
 - (a) Deduct per c.y. any decrease in excav. and backfill due to found. elevation change;
 - (b) Add per c.y. any increase do.;
 - (c) Deduct per c.y. any decrease in conc. quantity due to foundation elevation change;
 - (d) Add per c.y. any inc. in do.;
 - (e) Add per lb. any inc. in reinf. steel due to found. elevation change;
 - (f) Deduct per lb. any decr. do.;
- (2) Lump sum, construct pump-house pump pit with imported fill, rubble masonry, sidewalks and curbs, and fence;
- (3) Lump sum, furnish and install main pumps, priming pump, piping and fittings, starting equipment and accessories;
- (4) Lump sum, furnish and install purification equipment;
- (5) Lump sum, furnish and install all electric conduit-wiring and fixtures;
- (6) Lump sum, construct one 18-in. diameter cement-lined cast-iron

transmission main from Station 0 plus 53.75 to Station 33 plus 35, including special crossing of S.P. main line tracks, 2 air release valves with boxes and one drain pipe and piping;

- (7) Lump sum, construct two 1,500,000-gallon concrete circular reservoirs with piping and accessories.

ALT. A—Deduct for the omission of cement lining in Item 6;

ALT. B—Deduct for use of cement lined welded steel pipe from Sta. 0 plus 75 to Sta. 33 plus 35;

ALT. C—Deduct for omission of cement lining in Alt. B;

ALT. D—Deduct for omission of dome and ten reinf. bands at dome abutment on each reservoir (Item 7);

ALT. E—Deduct for omission of fence around reservoirs;

ALT. F—Deduct for omission of stucco wash on exterior of reservoir.

Total bids follow:

- (A) J. P. Brennan, Redding—\$102,960.
- (B) MacDonald & Kahn Co., Ltd., San Francisco—\$111,111.11.
- (C) F. M. Embleton, Berkeley—\$117,106.00.
- (D) Sibley Grading & Teaming Co., Ltd., San Francisco—\$119,516.37.
- (E) C. W. Caletti & Co., San Rafael—\$121,945.
- (F) Fred J. Early, Jr., San Francisco—\$123,574.
- (G) E. A. Hawkins & Co., San Francisco—\$136,825.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$7,700.00	\$10,511.00	\$12,601.00	\$8,682.65	\$12,450.00	\$8,990.00	\$10,000.00
(a).....	3.00	.50	4.00	1.00	1.00	1.00	2.00
(b).....	3.00	10.00	5.00	10.00	8.00	5.00	10.00
(c).....	12.00	6.00	15.00	15.00	10.00	14.00	15.00
(d).....	15.00	25.00	17.00	20.00	25.00	18.00	20.00
(e).....	.055	.10	.07	.06	.055	.06	.07
(f).....	.055	.03	.07	.05	.055	.05	.05
(2).....	13,548.00	11,500.00	18,790.00	9,597.51	10,000.00	12,692.00	14,000.00
(3).....	4,609.00	8,300.00	7,023.00	6,847.79	6,750.00	5,639.00	6,375.00
(4).....	3,900.00	6,000.00	3,555.00	4,130.70	3,890.00	5,300.00	5,650.00
(5).....	5,000.00	5,600.00	5,248.00	4,748.78	5,200.00	5,058.00	5,000.00
(6).....	20,000.00	20,700.00	18,403.00	18,939.87	17,815.00	19,654.00	19,000.00
(7).....	48,203.00	48,500.11	51,486.00	66,569.07	65,840.00	66,241.00	76,800.00

ALTERNATES

(A).....	775.00	800.00	755.00	700.00	771.00	800.00	800.00
(B).....	2,250.00	3,300.00	4,200.00	3,000.00	2,000.00	3,000.00	2,222.00
(C).....	1,750.00	2,100.00	1,700.00	4,800.00	2,000.00	1,800.00	1,850.00
(D).....	9,500.00	9,000.00	9,400.00	11,300.00	8,500.00	6,500.00	13,000.00
(E).....	1,387.00	1,200.00	1,400.00	1,387.00	1,000.00	1,400.00	1,100.00
(F).....	700.00	1,200.00	350.00	300.00	300.00	540.00	1,250.00

- (7) \$950; (8) \$2975; (9) \$30; (10) \$60
- (11) \$30; (12) \$0.3; total, \$52,363.
- Culjak & Zelko: (1) \$35.50; (2) \$30
- (3) \$92.50; (4) \$30; (5) \$1184; (6) \$1,100; (7) \$100; (8) \$1200; (9) \$5; (10) \$10; (11) \$10; (12) \$0.5; total, \$60,161.50.

Fred F. Greenfield: (1) \$63.20; (2) \$37.60; (3) \$32.55; (4) \$52.40; (5) \$2738; (6) \$3899; (7) \$158; (8) \$2437; (9) \$330; (10) \$10; (11) \$440; (12) \$0.2; total, \$63,841.70.

John Artukovich: (1) \$44; (2) \$80
- (3) \$76; (4) \$80; (5) \$2100; (6) \$900; (7) \$100; (8) \$1800; (9) \$3; (10) \$15; (11) \$20; (12) \$0.2; total, \$65,024.00.

United Concrete Pipe Corp.: (1) \$36.50; (2) \$49; (3) \$107.30; (4) \$60; (5) \$2500; (6) \$3000; (7) \$500; (8) \$3,000; (9) \$7; (10) \$30; (11) \$40; (12) \$0.5; total, \$74,662.00.

Werner & Webb: (1) \$40; (2) \$35
- (3) \$112.50; (4) \$30; (5) \$3000; (6) \$3000; (7) \$3000; (8) \$3000; (9) \$7; (10) \$50; (11) \$25; (12) \$0.2; total, \$77,960.

Bebek & Brkich: (1) \$50; (2) \$50
- (3) \$100; (4) \$40; (5) \$5000; (6) \$5000
- (7) \$500; (8) \$2000; (9) \$10; (10) \$10
- (11) \$10; (12) \$0.2; total, \$50,180.00.

Andy Sordal: (1) \$34; (2) \$38; (3) \$146; (4) \$50; (5) \$3500; (6) \$1075; (7) \$200; (8) \$3800; (9) \$5; (10) \$0.8; (11) \$20; (12) \$0.15; total, \$85,300.00.

Ben C. Gerwick, Inc.: (1) \$69; (2) \$60; (3) \$170; (4) \$60; (5) \$3500; (6) \$2400; (7) \$800; (8) \$3500; (9) \$4; (10) \$10; (11) \$15; (12) \$0.2; total, \$114,075.00.

33— WATER WORKS

BIDS WANTED

UKIAH, Mendocino Co., Calif.—Until April 6, 7:30 p.m., bids will be received by the Ukiah City Council for the construction of new water-works, including a pumping plant structure, deep well turbine pumping units and equipment. Lump sum bids will be taken on: (1) pumping plant and equipment; (2) pumping plant only, and (3) pumping units only.

Plans and specifications may be obtained at the office of Guss V. Wallach, City Engineer, Ukiah, upon deposit of \$10, of which \$5 is returnable. Harry N. Jenks, Berkeley, consulting engineer. * 33

BIDS OPENED
SAN FRANCISCO—The Fay Improvement Co., 760 Market St., San Francisco, at \$3438.55, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for the laying of 6- and 8-inch cast-iron mains in 15th Avenue, Market Street and Montgomery Street.

Total bids follow:
 The Fay Improvement Co., 760 Market St., S. F. \$3438.55
 J. J. Tobin, Oakland, 3726.70
 Martin Murphy, Albany, 3770.30
 J. Treacy, S. F. 3909.88
 San Francisco Water Dept. 4515.70

BIDS WANTED
LOS ANGELES, Cal.—Until April 10 a.m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for sale of construction water system extending from Big Morongo Well to S Elymer Section 30, involving 16,250 ft. in. and 17,853 ft. 6-in. pipe; misc. stand and check valves; one 1500-bbl. dotted steel tank; misc. valves and fittings. Certified or cashier's check or 25% must accompany bid. Bid M 474. * 33

CONTRACT TENTATIVELY AWARDED
REDDING, Shasta Co., Calif.—J. P. Brennan, Redding, at \$102,960, submitted low bid to the Redding City Council, Winfred Wright, City Clerk, Redding, for construction of municipal water system at Redding. The City Council tentatively awarded the contract to J. P. Brennan at \$101,773, after certain alternate prices had been deducted. Engineer's estimate, 100,880.

Total bids follow:
 J. P. Brennan, Redding—\$102,960.
 MacDonald & Kahn Co., Ltd., San Francisco—\$111,111.11.
 F. M. Embleton, Berkeley—\$117,060.

Sibley Grading & Teaming Co., Ltd., San Francisco—\$119,516.37.
 C. W. Caletti & Co., San Rafael—121,945.

Fred J. Early, Jr., San Francisco—123,573.

B. A. Howkins & Co., San Francisco—\$136,825.

Unit prices will be published in the near future. * 33

34— PARKS AND PLAY-GROUNDS

BIDS WANTED
SUSANVILLE, Lassen Co., Cal.—Bids are now being received by the Custodian of the building for seeding the grounds of the U.S.P.O. at Susanville. 34

BIDS WANTED
YERBA BUENA SHOALS—Until April 11, bids will be received by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco, for transporting trees to Yerba Buena Shoals. Contract No. 159. 34

BIDS WANTED
SAN FRANCISCO—Until Mar. 31, 1:30 P. M., bids will be received by the Recreation Commission, Josephine Dows Randall, Superintendent, Room 370, City Hall, for the construction and installing of a swimming pool water purification plant at the North Beach Playground pool water purification plant at North Beach. Playground pool located on Lombard Street between Powell and Mason Streets.

Plans and specifications may be obtained at the above office.

BIDS OPENED
GRASS VALLEY, Nevada Co., Cal.—Walter A. Hoff, Route 1, Box 674, Palo Alto, at \$472.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. Post Office at Grass Valley.
 Only other bid submitted by the National Evergreen Sales, Los Angeles, at \$589.00.

NO BIDS RECEIVED
CENTRALIA, Wash.—No bids were received March 24 by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. Post Office at Centralia, Wash.
 (1526) 1st report March 1, 1938. 34

(Continued on Next Page)

CLATSOP CO., ORE.—LEVEE CONSTRUCTION—(Govt.)

CLATSOP Co., Ore.—Brookfield Co., Astoria, at \$18,928.20 (Sec. A), \$17,484 (Sec. C), and \$21,775 (Sec. D), submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-424, for the reconstruction of approximately 13,950 lin. ft. of levee, removal of six existing tide boxes, construction of four continuous wood stave pipe tide boxes equipped with circular automatic drainage gates, approximately 1550 lin. ft. of drainage ditches, approximately 4520 lin. ft. of rock riprap revetment, and, if necessary, of pile bulkheads, all situated in Diking Districts Nos. 2 and 5, Clatsop Co., about two miles south of the City of Astoria, Oregon.

Work involves:

SECTION "A"

- (1) 13 acres clearing and grubbing;
- (2) 2300 c.y. excavation, for drainage ditches;
- (3) 1850 cu. yd. excavation, for tide boxes;
- (4) 900 cu. yd. struc. excav. for do.;
- (5) 2600 cu. yd. backfill for tide boxes, in place;
- (6) 3.5 MFEM treated lumber, in place;
- (7) 16.5 MFEM treated tongue and groove sheet piling, in place;
- (8) 450 l.f. treated round piling, in place;
- (9) 46 l.f. 24-in. diameter continuous wood stave pipe, in place;
- (10) 52 l.f. 36-in. diam. do.;
- (11) 38 l.f. 42-in. diam. do.;
- (12) 66 l.f. 48-in. diam. do.;
- (13) one 24-in. diam. circular automatic drainage gate, in place;
- (14) one 36-in. diam. do.;

- (15) one 42-in. diam. do.;
- (16) one 48-in. diam. do.;
- (17) 4,500 l.f. untreated round piling for pile bulkhead, in place;
- (18) 3.84 MFEM wailing for pile bulkhead, in place;
- (19) 1200 l.f. cable and fastenings, for pile bulkhead, in place.

SECTION "C"

- (20) 11 acres stripping;
- (21) 31,000 c.y. levee embankment, bucket dredge, in place;
- (22) 32,720 cu. yd. levee embankment, dragline, in place;
- (23) 4,000 cu. yds. levee embankment, truck haul, in place.

SECTION "D"

- (24) 2 acres bank clearing for riprap;
- (25) 2,400 c.y. bank sloping;
- (26) 7,500 c.y. riprap, in place.

- Total bids follow:
 (A) Brookfield Co., Astoria, Ore.—(Sec. A) \$18,928.20; (Sec. C) \$17,484; (Sec. D) \$21,775.
 (B) Edliefsen-Weygandt Co., Portland—(Sec. A) \$18,944.70.
 (C) Kuckenberg Constr. Co., Portland—(Sec. A) \$20,030.70; (Sec. C) \$24,597.60; (Sec. D) \$25,867.
 (D) Gilpin Constr. Co., Portland—(Sec. A) \$23,108; (Sec. C) \$35,138.
 (E) Parker-Schram Co., Portland—(Sec. A) \$25,769.60; (Sec. C) \$25,322; (Sec. D) \$25,680.
 (F) Tidenpoint Co., Astoria—(Sec. D) \$94,090.
 (G) Columbia Contract Co., Portland—(Sec. D) \$30,190.
 (H) Contracting Officer's estimate—(Sec. A) \$17,958.10; (Sec. C) \$26,323.90; (Sec. D) \$25,272.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(1)	350.00	350.00	300.00	400.00	600.00	.....	.....	210.00
(2)	.....	.25	.60	.33	.70	.25	.....	.62
(3)	.....	.50	.75	1.00	2.00	2.50	.....	.37
(4)	.....	.80	1.35	4.00	2.50	3.00	.....	1.19
(5)	.....	.50	.50	.50	.75	.30	.....	.725
(6)	150.00	135.00	120.00	110.00	110.00	.....	.....	130.00
(7)	150.00	135.00	150.00	110.00	150.00	.....	.....	130.00
(8)	1.00	1.50	1.25	1.00	1.00	.....	.....	1.83
(9)	4.00	4.50	3.25	3.25	4.50	.....	.....	6.00
(10)	7.00	9.00	8.00	7.00	9.00	.....	.....	9.30
(11)	9.00	10.50	9.50	8.25	12.00	.....	.....	11.80
(12)	9.00	12.00	11.00	9.00	14.00	.....	.....	13.20
(13)	72.00	85.00	72.00	75.00	75.00	.....	.....	167.00
(14)	110.00	155.00	125.00	125.00	150.00	.....	.....	248.00
(15)	200.00	190.00	200.00	200.00	275.00	.....	.....	361.00
(16)	210.00	245.00	250.00	225.00	325.00	.....	.....	444.00
(17)	.....	.80	.50	.40	.58	.50	.....	.48
(18)	80.00	55.00	80.00	75.00	65.00	.....	.....	200.00
(19)	.....	.50	.45	.50	.50	.35	.....	.26
(20)	80.00	.....	50.00	200.00	20.00	.....	.....	58.00
(21)	.....	.26	.....	.35	.55	.35	.....	.3725
(22)	.....	.20	.....	.33	.40	.35	.....	.345
(23)	.....	.50	.....	.60	.70	.....	.....	.7125
(24)	350.00	.....	350.00	.....	600.00	300.00	200.00	150.00
(25)	.....	.50	.....	.33	.....	.20	.60	.405
(26)	2.65	3.25	3.20	2.94	3.78	3.20

Stipulations:

(A)—Brookfield Company, Astoria, stipulated that their bid was submitted with the understanding that they would not be awarded more than one project at the bid opening. (Two bids were opened: No. 698-38-424 and 698-38-469.)

(C)—Kuckenberg Construction Co., Portland, stipulated that if they were

low on Sections A, C and D, they would accept all these sections, but will not accept any one section on a separate contract.

(E)—Parker-Schram Co., Portland, stipulated that they would accept Sections A and C without D. For award of D alone, increase Item 25 to unit price of \$0.37 per cu. yd.; Item 26 to unit price of \$3.45 per cu. yd. * 30

BIDS REJECTED

NEWBERG, Ore.—The Procurement Division, Public Buildings Br., Washington, D. C., rejected all bids received for seeding and planting the grounds of the U. S. Post Office at Newberg. 34

BIDS OPENED

TRACY, San Joaquin Co., Calif.—Henry Meiburg Nursery, Tracy, at \$950, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office at Tracy.

Other bids were:

Walter A. Hoff Landscape Organization, Palo Alto—\$1200.

West Side Nursery, Tracy, Calif.—\$1484.

35— TUNNELS

CONTRACT AWARDED

SELAH, Yakima Co., Wash.—H. J. Adler Constr. Co., Yakima, Wash., at \$62,567, submitted low bid to the Naches-Selah Irrigation District, M.

A. Gore, Secretary, Selah, for the completion of two tunnels, concrete tunnel lining, wood stave and concrete flumes, with misc. items.

David Nygren, Lloyd Bldg., Seattle, at \$64,100, submitted second low bid. 35

ALANEDA COUNTY PERMITS UNDER \$1000

REPAIRS, roof, \$15; 1143 7th Street, Oakland; owner, Mr. W. J. Hair, 1328 Grand Ave., Piedmont; contractor, Crown Roof Co., 1911 E. 12th St.

ALTERATIONS, \$350; 814 Webster St., Oakland; owner, Lee Chong, Frem.; contractor, Hugh Fung, 378 9th St.

SIGN, metal, 3x3, \$20; 843 E. 14th St., Oakland; owner, Lue Curtis, Frem.; contractor, J. T. Hawke, 843 E. 14th St.

SIGN, cloth, \$10; 1445 Franklin St., Oakland; owner, Swiss Creamery, Frem.; contractor, Action Sign Co., 530 1/2 16th St.

SIGN, electric, \$200; 408 14th St., Oakland; owner, Chinn Beretta Optical Co., Frem.; contractor, Elec. Prod. Corp., 950 40th St.; also electric sign, \$457.

SIGN, electric, \$700; 437 12th St., Oakland; owner, Gene Comptons Corp., Frem.; contractor, Elec. Prod. Corp., 950 30th St.; also electric sign, 1124 Broadway, \$700.

SIGN, electric, \$225; 2303 Lakeshore Ave., Oakland; owner, Wright's Pharmacy, Frem.; contractor, Ace Elec. Sign Co., 1243 E. 12th St.

BARBER pole, \$20; 2007 73rd Ave., Oakland; owner and contractor, Ben Kubly, Frem.

SIGN, electric, \$40; 3359 Lakeshore Ave., Oakland; owner, MacDonaid's Market, Frem.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, wood, \$8; 3611 E. 12th Street, Oakland; owner and contractor, Mabel Gonzales, Frem.

ALTER apts., \$600; 1008-10-12 Jefferson St., Oakland; owner and contractor, Louis Carles, 1006 Jefferson St.

PIMA CO., ARIZ.—HIGHWAY IMPROVEMENT—(State)

PIMA CO., Ariz.—Fisher Contracting Co., 516 S. 7th St., Phoenix, at \$38,014.75 submitted low bid to the Arizona State Highway Commission, for improvement of Ajo - Tucson Highway, FAS 110-D, AFE 630. The work, which begins at Ajo and extends east about 12.9 miles, consists of grading, draining, select material and oil processing (cutback road mix), and is to be completed on or before August 15, 1938.

Work involves:

- (1) 19,174 c.y. rdwy. excav., unclass.
(2) 330 c.y. drainage do;
(3) 1200 lf. grader ditches;
(4) 471 c.y. struc. excav., unclass.;
(5) 10,078 sta. yds. overhaul;
(6) 1166 c.y. ml. haul;
(7) 20,257 c.y. imported borrow;
(8) 2347 c.y. imported borrow (for capping);
(9) 7910 c.y. select material;
(10) 1740 M. gals. sprinkling;
(11) 455 hours rolling;
(12) 267 c.y. Class A concrete (inc. cement);
(13) 26,385 lbs. reinf. steel (bars);
(14) 60 lf. 12-in. CMP (except excavation)

- (15) 105 lf. 18-in. do;
(16) 236 lf. 24-in. do;
(17) 176 lf. 36-in. do;
(18) 162 lf. 42-in. do;
(19) 68 lf. 24-in. bit. coated CMP (except excav.);
(20) 20 lf. resetting 18-in. CMP (inc. all materials and work);
(21) 40 lf. resetting 24-in. do;
(22) 40 lf. resetting 36-in. do;
(23) 116 lf. resetting 42-in. do;
(24) 32 each guide posts;
(25) 48 each right of way markers, type A;
(26) 2777 tons mineral aggregate;
(27) 144 tons cutback asph. (MC-4) (for road mix) on road;
(28) 1,659 miles processing road mix
(29) 268 tons screenings;
(30) 45 tons emulsified asphalt, Class A (seal coat);
(31) 3 each wrought iron pipe and concrete pedestals (inc. excav.) (Sta. 21 plus 59.6);
(32) 288 lf. standard paved RR crossing (G-17, type B) (CIP except oil mix);
(33) 1 lump sum, removal of buildings and obstructions (Sta. 41 plus 53 to Sta. 50 plus 00);

- (34) 1 lump sum, processing and hauling road mix for stockpile
Total bids follow:
(A) Fisher Contr. Co., Phoenix, \$38,014.75.
(B) Tiffany Const. Co., Phoenix, \$38,932.12.
(C) Tanner Const. Co., Phoenix, \$39,057.99.
(D) Warren Southwest, Inc., L. A., \$41,735.11.
(E) Martin Const. Co., Tucson, \$42,029.39.
(F) Oswald Bros., Phoenix, and Los Angeles, \$44,104.96.
(G) W. E. Hall Const. Co., Phoenix, \$44,890.23.
(H) Phoenix-Tempe Stone Co., Phoenix, \$45,933.56.
(I) Heuser & Garnett, Holbrook, Arizona and Glendale, Calif., \$46,036.65.
(J) J. A. Casson Co., Phoenix, \$46,352.27.
(K) Pearson & Dickerson, Inc., Prescott, Ariz., \$48,852.61.
(L) H. J. Hagen, Globe, Ariz., \$49,397.41.

Unit prices follow:

Table with 14 columns (A) through (N) and 34 rows of unit prices for various construction items.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until April 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-279, for furnishing cylinders, head, piston and suction valves; discharge and springs valves; Brooklyn, N. Y., and/or Fort Mason, Calif.

FORT MASON, Calif.—Until April 11 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-280, for furnishing 2500 BM White Oak lumber; f.o.b. Honolulu, T. H.

SACRAMENTO, Cal.—Bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

April 6, 3:00 P. M.
 BID NO. 1105-38-239—Round and flat iron and galv. pipe; f.o.b. Rio Vista, Cal.

April 7, 3:00 P. M.
 BID NO. 1105-38-242—Nuts and cut washers; f.o.b. Rio Vista, Cal.

FORT MASON, Calif.—Until April 10:00 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-278, for furnishing (1) one gasoline pump, electrically operated, pressure 17 lbs. per square inch, 110 gal., single phase, AC motor, 1/2 hp., operate centrifugal suction pump; (2) hand-operated pump for use on gasoline tanker; f.o.b. Motor Warehouse 6, Presidio, San Francisco.

FORT MASON, Cal.—Until April 6 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-283, for furnishing 2000 pints of liquid cement; fob Fort Mason.

SACRAMENTO, Calif.—Until April 6, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-243, for furnishing welding rods of various sizes; fob Rio Vista.

SACRAMENTO, Calif.—Until Apr. 7, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Clrc. Prop. No. 1105-38-244, for furnishing and delivering Douglas fir lumber; f.o.b. shipping point and/or Rio Vista, Cal.

SAN FRANCISCO.—Until April 6, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-114, for furnishing 2800 sq. ft. of asphalt expansion joint filler; fob Battery Davis, Fort Funston, San Francisco.

FORT MASON, Cal.—Until April 12, 11 a. m., bids will be received by

the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-287, for furnishing rivets, screw-nails, solder, and 1281 lbs. of sheet iron; f.o.b. Fort Mason, Cal.

FORT MASON, Cal.—Until Apr. 13, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, San Francisco, under Bid No. 928-288, for furnishing 1100 feet water hose; f.o.b. Presidio of Monterey, Calif.

FORT MASON, Cal.—Until April 12, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-286, for furnishing bolts, wire, fuses, hose, tape, cord; parts for Indiana 14-ton trucks; Chevrolet trucks, Dodge, Federal and Standard trucks; f.o.b. Presidio of Monterey.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

April 6, 10:00 A. M.
 BID NO. 5192—1190 l.f. clay sewer pipe 9 Y branches; f.o.b. Visalia, Cal.
 BID NO. 5194—1000 l.f. electrically welded steel pipe; f.o.b. Visalia, Cal.

April 7, 10:00 A. M.
 BID NO. 5186—57 squares roof tile; f.o.b. Kern General Hospital, Bakersfield, Cal.
 BID NO. 5187—59 tons rock chips and 636 tons road rock; f.o.b. Richmond, Cal.
 BID NO. 5190—1500 l.f. corrugated metal pipe culvert and 50 band couplers; f.o.b. Stockton, Cal.
 BID NO. 5191—2000 l.f. concrete pipe; f.o.b. Yuba City, Cal.

April 8, 10:00 A. M.
 BID NO. 5193—120 tons rock screening; f.o.b. Richmond, Cal.
 SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for rental of equipment and furnishing supplies and materials, as follows:

April 6, 10:00 A. M.
 BID NO. 5189—Rental of one tandem road roller, not less than 5 tons or more than 8 tons capacity; fob Berkeley, Cal.
 BID NO. 5204—150 sq. ft. asphalt saturated fabric; f.o.b. Larkin & Beach Sts., San Francisco.

April 7, 10:00 A. M.
 BID NO. 5195—704 sacks Portland cement; f.o.b. Castro Valley, Cal.
 BID NO. 5196—1200 sacks Portland cement; f.o.b. Livermore, Cal.
 BID NO. 5199—9100 in. ft. C.I. water pipe; f.o.b. Oakland, Cal.
 BID NO. 5200—Galv. steel pipe, nipples, tees, bushings, elbows, valves and sprinkler heads; f.o.b. Wasco, Calif.
 April 8, 10:00 A. M.
 BID NO. 5197—2565 gals. asphaltic emulsion; f.o.b. Berkeley, Cal.
 BID NO. 5198—Redwood and Douglas fir lumber of various sizes; f.o.b. Berkeley.

BID NO. 5201—Redwood lumber; fob 34th and Clement Street, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 3123—Rough machined steel forgings for Boston, Charleston and Puget Sound, April 8.
 SCH. 3110—Cocks, faucets and valves for eastern and western yards, April 5.
 SCH. 3126—Cast safety treads for eastern yards and Puget Sound, April 8.

SCH. 3111—20 gals. doped roof paint for San Diego; 100 gals. do. for eastern or western yard; 6000 gals. nitrocellulose, dopes and lacquers for Sewall's Point and Pensacola; 12,000 gals. do. for San Diego; 5000 gals. do. for eastern and western yards; 580 gals. cellulose acetate dope thinner for eastern yards; 100 gals. nitrocellulose, dopes and lacquers for Opa Locks; April 8.

SCH. 3144—28,000 lbs. corrugated steel for eastern or western yards, April 12.
 SCH. 3121—Industrial thermometers for eastern and western yards, April 8.

SCH. 900-1611—30,000 lbs. kapok, for Philadelphia; 10,000 lbs. do. for Mare Island, April 13.

SCH. 3151—36,280 lbs. copper-nickel-alloy tube sheets for Boston, Charleston and Puget Sound, April 12.

SCH. 3138—Abrasive wheels for eastern and western yards, May 31.

SCH. 3130—300 sheets birch plywood for Sewall's Point; 275 sheets of mahogany plywood and 300 sheets do. for Philadelphia; 625 sheets do. for Pensacola; 130 sheets do. for San Diego; and 120 sheets do. for eastern yards, April 12.

SCH. 3142—108,000 lbs. smoke mixture, sulphur trioxide-chlorosulfonic acid for San Diego, Apr. 12.

SCH. 3148—6000 lbs. ball-bearing compound for ordnance use for Mare Island, Apr. 15.

SCH. 3143—Composition pipe fittings for eastern and western yards, April 15.

SCH. 3146—81,000 lbs. plate steel for Mare Island, April 12.

SCH. 3145—2500 lbs. corrosion-resisting bar steel for Mare Island, April 12.

SCH. 2968—Lubricating oils as required during the fiscal year 1939 for eastern and western yards, April 26.

SCH. 3153—Indicator lights and spares for eastern yards and Puget Sound, April 12.

SCH. 3113—Lubricating oils for hot running torpedoes, for eastern and western yards, April 26.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until April 1, 10 a. m., bids will be received by L. A. Water & Power Purchasing Agent for Douglas fir lumber; Bid 9849.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

25
per Co

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

FRANCISCO
LIBRARY
CALIFORNIA



Bids June 1 on Shasta Dam
and Power Plant



State Advertises Six Highway Contracts



**Building Permits, Advance Reports
of Building and Engineering
Projects**



Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., APRIL 9, 1938

No. 15

Shasta Dam, Power Plant Bids June 1

PAGE PROMISE FULFILLED AS BIDS INVITED

Dam Will Require 5,610,000 Yards of Concrete, Many Other Items

SACRAMENTO, April 4.—Bids for construction of Shasta Dam and Power Plant will be opened here June 1.

With this momentous announcement by Construction Engineer Walker R. Young of the U. S. Bureau of Reclamation, machinery was set in motion today to initiate construction this year on the largest single unit of California's \$170,000,000 Central Valley Project.

Construction of the diversion tunnel and temporary railroad relocation at the damsite is expected to be underway by the time proposals are received for the dam and power plant contract. Bids for the tunnel are to be opened here next week.

During his recent visit to the coast, Commissioner John C. Page had declared he saw no reason why the dam could not be advertised immediately.

A portion of the materials for the dam and power plant will be furnished by the government, as has been the case with other large reclamation service projects.

The dam will require about 3,215,000 cubic yards of unclassified excavation and 5,610,000 cubic yards of concrete, among numerous other major items.

Bidders will be required to furnish guarantee in the sum of \$2,000,000 with their bids. Amount of the performance bond will be \$5,000,000, while a \$2,500,000 pay-

GEORGE RE-ELECTED BY S. F. EXCHANGE

William H. George was re-elected President of the San Francisco Builders' Exchange at a meeting held Friday, Apr. 1st, it is announced.

A. H. Wilhelm was elected first vice-president, and Emil Hogberg was voted the post of second vice-president. Other officers elected at the meeting of the Board of Directors are: H. N. Patterson, second vice-president; R. J. H. Forbes, secretary, and Chas. W. Carle, treasurer.

Heating Engineers Plan June Meeting

The semi-annual meeting of the American Society of Heating and Ventilating Engineers will be held at The Homestead, Hot Springs, Va., June 20 to 22, according to an announcement by E. H. Gurney, president of the Society.

A meeting of the Society's Committee on Research and three technical sessions, at which a number of engineering papers and reports will be presented, will feature this year's summer meeting, together with an extensive entertainment program. Between 300 and 400 technical experts in air conditioning, heating and ventilating are expected to attend.

ment bond likewise will be required.

A completion time of 2,000 calendar days after receipt of "notice to proceed" will be allowed. Partial payments for the work will be made monthly to the successful bidders under terms of a special contract clause.

"BOTTLENECK" JOB IN MARIN OUT FOR BIDS

Proposals on Five Northern Jobs Open Apr. 27; L. A. Project Bids Apr. 28

SACRAMENTO, April 5.—Six contracts for highway and grade separation projects went out for bids here today as the State Highway Commission continued its authorization of contracts in the 1939 Federal-Aid program for advertisement.

Bids on five Northern California projects will be opened in Sacramento April 27 and on one Southern California job in Los Angeles the following day.

Largest of the Northern California jobs to go out for bids today is the so-called "Marin Bottleneck" project, located between Ignacio and San Rafael. About 7 miles in length, the project involves grading, surfacing with Portland cement concrete, asphalt concrete and plant-mix, widening of existing structures, and construction of a grade separation structure.

Other jobs advertised today were located by counties as follows:

Siskiyou: 24.1 miles soil cement base and road-mix surfacing.

Tehama: Grading and paving with Portland cement concrete about one-half mile at Red Bluff.

Sacramento: 3.1 miles grading and surfacing between Ben Ali and the Army Air Depot, including construction of a reinforced concrete slab bridge.

Madera: 10.9 miles grading and oil treatment, Madera-Friant road to Keshaw Corners.

Los Angeles: 3.7 miles grading and paving and construction of a reinforced concrete girder bridge, Tunnel Station to Placerita Canyon.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
821	Borden	Miller	9000
822	Cleveland	Eaton	2611
823	Crabb	Rousseau	15000
824	Craven	Whitney	1400
825	Davis	Whitney	1325
826	Kepper	Owner	1500
827-8	Lindsay	Owner	3800
829	Ntl. Biscuit	Barrett	1000
830	Newton	Owner	3800
831	Schmiedell	Thulin	1000
832	Wholey	Cuthbertson	1900
833	Yambert	Linder	4500
834	Doelger	Owner	4000
834	Emporium	Dinwiddie	14000
835	Fauretto	Owner	1000
836-40	Hansen	Owner	4000
811-2	Heyman	Owner	4500
843	Nolan	Owner	2000
844	Ortega	Dinwiddie	2000
845	Renovich	Owner	3000
846	Rossi	Hansell	1000
847	St. Francis	Lindgren	1900
848	Arco	Owner	4000
848	Arco	Owner	5000
850	Fotinos	Mulholland	1800
851	Kramer	Owner	1200
852	Swift	Akard	2000
853	De Michels	Owner	1200
854-5	Doelger	Owner	4000
856	Keeler	Papenhausen	1500
857	Larsen	Owner	3750
858	Larsen	Owner	4000
859-61	Meyer	Owner	4000
862	O'Brien	Yrigoyen	3000
863	Root	Cornblum	5000
864	Rousseau	Owner	8000
865	Shell Oil	Owner	7000
866	Willgeroth	Aetna	2000
867	Anglo Calif.	O'Brien	2000
868	Heckinger	Douglas	2100
869	Mayer	Whitney	12500
870	Morris	Owner	4000
871	Morris	Owner	4500
872	Wells Fargo	McDonald	10000

DWELLING

(820) E. 27TH AVE., 25 S LAW-TON ST. One-story and basement frame dwelling.
Owner—E. T. Adams, 2546 27th Ave.
Architect—Not Given. \$3900

APARTMENT HOUSE

(821) E. MONTGOMERY, 23 S OF GREENWICH. Three-sty. frame apartment house.
Owner—T. W. Borden, 1470 Montgomery St.
Contractor—Miller Constr. Co., 3917 Mission St.
Architect—Not Given. \$9000

ALTERATIONS

(822) ROSE AND MARKET STS. Alter stores.
Owner—Cleveland Forbes et al, Redwood City.
Contractor—Eaton & Smith, 715 Ocean Ave.
Engineer—James M. Smith, 251 Kearny St.
Architect—Not Given. \$2611

FLATS

(823) NW GOLDEN GATE AND ROSELYN TERR. Two-story & basement frame flats.
Owner—Chas. Crabb, 321 Kearny St.
Contractor—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$15,000

ALTERATIONS

(824) 2660 SCOTT ST. Alter dwelling.
Owner—Malcolm Craven, Prem.
Contractor—Vincent Whitney Co., 130 Tenth St.

Architect—Henry T. Howard, 580 Market St. \$1400

ALTERATIONS

(825) 3736 JACKSON ST. Alter dwelling.
Owner—C. L. Davis, Prem.
Contractor—Vincent Whitney Co., 130 Tenth St.
Architect—Martin Rist, Phelan Bldg. \$1325

ALTERATIONS

(826) 38 MASON ST. Alter store.
Owner—Kepper, Prem.
Contractor—Not Selected.
Architect—Not Given. \$1500

DWELLING

(827) E. 30TH AVE., 100 N LAW-TON. One-story and basement frame dwelling.
Owner—Claude T. Lindsay, 820 Taraval St.
Architect—Not Given. \$3800

DWELLING

(828) E. 30TH AVE., 125 N LAW-TON ST. One-story and basement frame dwelling.
Owner—Claude T. Lindsay, 820 Taraval St.
Architect—Not Given. \$3800

ALTERATIONS

(829) SW BROADWAY AND BATTERY STS. Alter bakery.
Owner—National Biscuit Co., 815 Battery St.
Contractor—Barrett & Hilt, 918 Harrison St.
Engineer—W. H. Ellison, Pacific Bldg.
Architect—Not Given. \$1000

DWELLING

(830) S KIRKHAM, 107 E. 26TH AVE. One-story and basement frame dwelling.
Owner—J. H. and M. Newton, 1276 12th Ave.
Architect—Not Given. \$3800

ALTERATIONS

(831) 775 POST ST. Alter apts.
Owner—Schmiedell Estate, c/o Contractor.
Contractor—A. L. Thulin, 63 Brady St.
Architect—Not Given. \$1000

ALTERATIONS

(832) 1408 19TH AVE. Alter dwelling.
Owner—Wm. N. Wholey, Prem.
Contractor—Tom Cuthbertson, 430 Noriega St.
Architect—Not Given. \$1900

DWELLING

(833) W. 10TH AVE., 90 S PACHECO. One-story and basement frame dwelling.
Owner—D. A. Yambert, 486 Funston Ave.
Contractor—J. F. Linder, 617 Moraga St.
Architect—Vincent Buckley, 525 Market St. \$4500

DWELLING

(833) W. 17TH AVE., 225 N ORTEGA. One-story and basement frame dwelling.
Owner—Henry Doelger Bldr, 320 Judah St.
Architect—Not Given. \$4000

ALTERATIONS

(834) N. MISSION, BET. 4TH AND FIFTH STS. Alter warehouse.

Owner—The Emporium, 830 Market St.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg.
Engineer—Hall & Fregnoff, c/o 210 Crocker Bldg.
Architect—Not Given. \$14,000

ALTERATIONS

(835) 254 CASELLI AVE. Alter dwelling.
Owner—A. Fauretto, 1526 Filbert St.
Architect—Not Given. \$1000

DWELLING

(836) N. SHAWNEE, 100 W DELA-LANO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 1401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$4,000

DWELLING

(837) N. SHAWNEE, 75 W DELA-NO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$4,000

DWELLING

(838) N. SHAWNEE, 25 W OF DELA-NO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$4000

DWELLING

(839) N. SHAWNEE, 125 W OF DELA-NO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$4,000

DWELLING

(840) N. SHAWNEE, 50 W OF DELA-NO. One-story and basement frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$4,000

DWELLING

(841) NW SILVER AND DART MOUTH. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—Not Given. \$4500

DWELLING

(842) NW SILVER & BOWDOIN. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not Given. \$4500

ALTERATIONS

(843) 180 TOWNSEND. Alter office and loft.
Owner—Frank Nolan Draying Co., Prem.
Architect—Martin A. Sheldon, 681 Market St. \$2000

ALTERATIONS

(844) NW MARKET AND KEARNY STS. Alter office.
Owner—Ortega Investment Co., De Young Bldg.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg.
Architect—Not Given. \$2000

WELLING
 45) E. LOUISBURG, 157 S GE-
 NEVA. One-story and basement
 frame dwelling.
 Owner—Stephen Renovich, 748 Paris
 St.
 Architect—Not Given. \$3000

WELLING
 46) 5606 CALIFORNIA ST. One-
 story and basement frame dwell-
 ing.
 Owner—V. Rossi, Prem.
 Contractor—Geo. H. Hansel, 1834
 Geary St.
 Architect—Not Given. \$1000

ALTERATIONS
 47) POWELL AND GEARY STS. Alter
 hotel.
 Owner—St. Francis Hotel, Prem.
 Contractor—Lindgren & Swinerton,
 Inc., 225 Bush St.
 Architects—Bliss & Fairweather, Hob-
 art Bldg. \$1900

WELLING
 48) SW SEMINOLE AND CAY-
 UGA. One-story and basement
 frame dwelling.
 Owner—Arco Bldg. Co., 5401 Misslon
 Street.
 Architect—Not Given. \$4000

WELLING
 49) SW NIAGARA AND CAY-
 UGA. One-story and basement
 frame dwelling.
 Owner—Arco Bldg. Co., 5401 Misslon
 St.
 Architect—Not Given. \$5000

ALTERATIONS
 50) 3631-35 19TH ST. Alter dwell-
 ing.
 Owner—C. and A. Fotinos, 3631 19th
 Street.
 Contractor—J. Mulholland, 121 Ran-
 dall St.
 Architect—Not Given. \$1800

ALTERATIONS
 51) 320 23RD AVE. Alter dwell-
 ing.
 Owner—Emil Kramer, 1431 Van Ness
 Ave.
 Architect—Not Given. \$1200

ALTERATIONS
 52) W. 6TH ST., 125 S HARRI-
 SON ST. Alter factory.
 Owner—Swift & Co., South San Fran-
 cisco.
 Contractor—W. C. Akard, 225 Cer-
 vantes Blvd.
 Architect—Not Given. \$2000

ALTERATIONS
 53) W. CHESTER, 225 N BRY-
 ANT. Alter shop.
 Owner—Frederick De Michells, 821
 Edinburgh.
 Architect—Not Given. \$1200

WELLING
 54) E. 41ST AVE., 250 N KIRK-
 HAM. One-story and basement
 frame dwelling.
 Owner—Henry Doelger Bldr., Inc.,
 320 Judah St.
 Architect—Not Given. \$4000

WELLING
 55) E. 41ST AVE., 225 N KIRK-
 HAM. One-story and basement
 frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320
 Judah St.
 Architect—Not Given. \$4000

ALTERATIONS
 56) 615 7TH ST. Alter supply
 house.
 Owner—Keeler White Co., Prem.
 Contractor—H. Papenhausen, 395
 Victoria St.
 Architect—Not Given. \$1500

DWELLING
 (857) E. HARPER, 25 S RANDALL.
 One-story and basement frame
 dwelling.
 Owner—S. Larsen, 365 Ashton Ave.
 Architect—Not Given. \$3750

DWELLING
 (858) SE HARPER AND RAN-
 DALL. One-story and basement
 frame dwelling.
 Owner—S. Larsen, 365 Ashton Ave.
 Contractor—S. Larsen, 365 Ashton
 Ave.
 Architect—Not Given. \$4000

DWELLING
 (859) N. TERESITA BLVD., 551 E
 VERNA. One-story and base-
 ment frame dwelling.
 Owner—Meyer Bros., 735 Portola
 Drive.
 Architect—Not Given. \$4000

DWELLING
 (860) N. TERESITA BLVD., 576 E
 VERNA. One-story and base-
 ment frame dwelling.
 Owner—Meyer Bros., 735 Portola
 Drive.
 Architect—Not Given. \$4000

DWELLING
 (861) N. TERESITA BLVD., 526 E
 VERNA. One-story and base-
 ment frame dwelling.
 Owner—Meyer Bros., 735 Portola
 Drive.
 Architect—Not Given. \$4000

DWELLING
 (862) N. QUESADA, 225 E NEW-
 HALL. One-story and basement
 frame dwelling.
 Owner—T. F. O'Brien, 1543 Newcomb
 Ave.
 Contractor—Joe Yrigoyen, 31 Thorn-
 ton Ave.
 Architect—Not Given. \$3000

FRAME FLATS
 (863) E. 47TH AVE., 275 N TARA-
 VAL. Two-story and basement
 frame flats.
 Owner—Emma Root, 3625 Rivera St.
 Contractor—Edward Cornblum, 2200
 47th Ave.
 Architect—Not Given. \$5000

FRAME FLATS
 (864) S. TURK, 75 E OF CHABOT
 TERRACE. Two-story and base-
 ment frame flats.
 Owner—Olivier M. Rousseau, 321
 Kearny St.
 Architect—Not Given. \$8000

ALTERATIONS
 (865) 100 BUSH ST. Alter store.
 Owner—Shell Oil Co., Prem.
 Architect—Not Given. \$7000

ALTERATIONS
 (866) 273 18TH AVE. Alter dwell-
 ing.
 Owner—E. Willgeroth, c/o Contrac-
 tor.
 Contractor—Aetna Constr. Co., 1730
 24th Ave.
 Architect—Not Given. \$2000

ALTERATIONS
 (867) 1164-8 CLAY ST. Alter flats.
 Owner—Anglo Calif. National Bank,
 trustee, 1 Sansome St.
 Contractor—Lloyd O'Brien, 369 Pine.
 Architect—Not Given. \$2,000

ALTERATIONS
 (868) 2468 28th AVE. Alter dwell-
 ing.
 Owner—Ira Leroy Heckinger, 2374
 25th Avenue.
 Contractor—Samuel Douglas, 2491
 29th Avenue.
 Architect—Not Given. \$2,100

ALTERATIONS
 (869) 3750 CLAY ST. Alter dwelling.

Owner—Henry L. Mayer, premises.
 Contractor—Vincent Whitney Com-
 pany, 130 Tenth St.
 Architect—Not Given. \$1250

DWELLING
 (870) E 30th AVE. 75 S Ulloa St.
 One - story and basement frame
 dwelling.

Owner and Builder—G. W. Morris, 95
 Pinehurst Way.
 Architect—D. E. Jaekle, 126 Post St.
 \$4,000

DWELLING
 (871) E 30th AVE. 100 S Ulloa St.
 One - story and basement frame
 dwelling.

Owner and Builder—G. W. Morris, 95
 Pinehurst Way.
 Architect—D. E. Jaekle, 126 Post St.
 \$4,500

ALTERATIONS
 (872) 2 MONTGOMERY ST. Alter
 bank.

Owner—Wells Fargo Bank and Union
 Trust Co., premises.
 Contractor—MacDonald & Kahn Co.,
 Ltd., Financial Center Bldg.
 Engineers—Sonneberg & Fisher, c/o
 Contractor. \$10,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
844	Dunn	Constable	1300
845	Nielsen	Lossing	2800
846	State Farm Ins.	El. Prod.	1600
847	Brown	Taten	3500
848	Rock	Ross	2000
849	Wells	Wiggins	4000
850	Whitehouse	Whitehouse	5000
851	Bonds	Owner	4000
852	Limpoch	Owner	3700
853-7	Netherby	Netherby	2000
858	Trucano	Owner	3500
859	Wilson	Owner	1000
860	Altenheim	Owner	25000
861	Axton	Almqvist	6000
862	Church	Franzen	1000
863	Darling	Owner	3000
864	Gerhardy	Coats	7500
865	Hardy	Milton	4000
866	Hastings	Owner	2500
867	Pursell	Rich	3371
868	Tavares	Joseph	1939
869	Com. Nat. Bk.	Nicholson	30140
870	Encinal Term.	Tulloch	2800
871	Jorgensen	Sorensen	1000
872	Knight	Knight	5500
873	Mehrtens	Dahl	4500
874	Noble	Pierce	3500
875	Burgard	Tollefsen	4200
876	Hufschmidt	Owner	7400
877	Kent	Owner	5000
878	Lofgren	Owner	3900
879	Van Aalst	Owner	2500
687	Cabral	Josephs	2150
688	Hamblin	Owner	4500
689	Hamblin	Owner	5500
690	Drexel	Owner	5000
691	Pope	Anderson	5000
692	Pressler	Owner	5000
693	Rinetti	Milton	4000
694	Scanlon	Flags	3500
695	Frost	Owner	1500
696	Brown	Van Ness	3800
697	Campomenosi	Owner	7800
698	Farringer	Owner	4000
699	Smith	Owner	5000
700	Warner	Owner	5000
701	Warren	Owner	4500

ALTERATIONS
 (844) 46 OLIVE AVE., PIEDMONT.
 Alterations.
 Owner—Ray Dunn, Prem.
 Contractor—W. C. Constable, 8431 A
 St., Hayward.
 Architect—Not Given. \$1300

ALTERATIONS
 (845) 6 PACIFIC AVE., PIED-
 MONT. Alterations.
 Owner—Mrs. E. H. Nielsen, 224 High-
 land Ave., Piedmont.

Contractor—T. S. Lossing, 3020 Ben-
venue Ave., Berkeley.
Architect—T. S. Lossing, 3020 Ben-
venue Ave., Berkeley. \$2800

INSTALL SIGN
(846) 2054 UNIVERSITY AVENUE,
BERKELEY. Install sign.
Owner—State Farm Ins. Co., Prem.
Contractor—Electric Prod. Corp., 950
30th St., Oakland. \$1600
Architect—Not Given.

DWELLING
(847) 1228 MOUNTAIN BOULE-
VARD, OAKLAND. One-story
3-room dwelling.
Owner—Clarence Brown, 5600 Tele-
graph Ave.
Contractor—Fred Taten, 5237 Miles
Ave.
Architect—Not Given. \$3800

REPAIRS
(848) 564 MERRIMAS ST., OAK-
LAND. Fire repairs.
Owner—E. J. Rock, 843 Dutton Ave.,
San Leandro.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$2000

DWELLING
(849) 5734 MERRIEWOOD DRIVE,
OAKLAND. One-story 5-room
dwelling.
Owner—R. J. Wells, 309 Foothill
Blvd.
Contractor—J. S. Wiggins, 1 West-
wood Court.
Also 1-story garage, \$400.
Architect—Not Given. \$4000

DWELLING
(850) 6177 CHELTON DR., OAK-
LAND. Two-story 5-room dwell-
ing.
Owner—P. J. Whitehouse, 1414 Spring
Way, Berkeley.
Contractor—J. F. Whitehouse, 558
Vernon St.
Architect—Not Given. \$5000

DWELLING
(851) 580 CRAGMONT, BERKE-
LEY. One-story 5-room frame
dwelling and garage.
Owner & Builder—Milton S. Bonds,
733 Keeler.
Architect—Not Given. \$4000

DWELLING
(852) 505 SPOKANE, BERKELEY.
One-story 5-room frame dwell-
ing.
Owner & Builder—Roy Limpoch, 966
Kairns.
Architect—Not Given. \$3700

DWELLING
(853) 1754 ALLSTON WAY, BERK-
ELEY. One-story 3-room frame
dwelling and garage.
Owner—E. M. Netherby, 3853 Ly-
man Rd., Oakland.
Contractor—W. L. Netherby, 3853
Lyman Rd., Oakland.
Architect—Not Given. \$2000

DWELLING
(854) 1750 ALLSTON WAY, BERK-
ELEY. One-story 6-room frame
dwelling.
Owner—E. M. Netherby, 3853 Lyman
Road, Oakland.
Contractor—W. L. Netherby, 3853
Lyman Road, Oakland. \$2000
Architect—Not Given.

DWELLING
(855) 1746 ALLSTON WAY, BERK-
ELEY. One-story 6-room frame
dwelling.
Owner—E. M. Netherby, 3853 Lyman
Road, Oakland.
Contractor—W. L. Netherby, 3853
Lyman Road, Oakland. \$2000
Architect—Not Given.

DWELLING
(856) 1740 ALLSTON WAY, BERK-
ELEY. One-story 3-room frame
dwelling and garage.
Owner & Builder—W. M. Netherby,
3853 Lyman Road, Oakland. \$2000
Architect—Not Given.

DWELLING
(857) 1742 ALLSTON WAY, BERK-
ELEY. One-story 6-room frame
dwelling.
Owner—E. M. Netherby, 3853 Lyman
Road, Oakland.
Contractor—W. S. Netherby, 3853
Lyman Road, Oakland. \$2000
Architect—Not Given.

DWELLING
(858) 525 TALBOT, ALBANY. One-
story 5-room frame dwelling.
Owner & Builder—Peter Trucano, 527
Cornell Ave.
Architect—Not Given. \$3500

DWELLING
(859) 2122 MCGEE, BERKELEY.
One-story 3-room frame dwelling.
Owner & Builder—Geo. H. Wilson,
2120 McGee.
Architect—Not Given. \$1000

ADDITION
(860) 1720 HOPKINS ST., OAK-
LAND. One-story concrete ad-
dition.
Owner & Builder—Altenheim Assn.,
1720 Hopkins St.
Architect—Albert A. Schroepfer, 244
Kearny St., San Francisco. \$25,000

DWELLING
(861) 5048 PROCTOR AVE., OAK-
LAND. One-story 7-room dwell-
ing.
Owner—Etta A. Axton, 55 Wildwood
Gardens.
Contractor—T. M. Almqvist, 824 Pa-
loma Ave.
Architect—E. R. DeChenne, 361 17th
St. \$6000

ADDITION
(862) 1663 83RD AVE., OAKLAND.
Addition.
Owner—Elmhurst M. E. Church,
Premises.
Contractor—Carl H. Franzen, 883
54th St.
Architect—Not Given. \$1000

DWELLINGS (2)
(863) 2039-2045 86TH AVE., OAK-
LAND. One-story 5-room dwell-
ings (2).
Owner & Builder—Darling & Dar-
ling, 1750 102nd Ave.
Also 1-story garages, \$150 each.
Architect—Not Given. \$3000 ea.

DWELLING
(864) 16 HUMPHREY PL., OAK-
LAND. One-story 7-room dwell-
ing.
Owner—Louis Gerhardy, Prem.
Contractor—Philip L. Coats, 2837
Foothill Blvd.
Architect—Not Given. \$7500

DWELLING
(865) 6062 OUTLOOK AVE., OAK-
LAND. One-story 6-room dwell-
ing.
Owner—Thos. Hardy, 6222 Bromley
Street.
Contractor—C. E. Milton, 3408 65th
Ave.
Architect—Not Given. \$4000

CABINET SHOP
(866) 1620 KIRKHAM ST., OAK-
LAND. One-story cabinet shop.
Owner & Builder—David E. Hastings,
Prem.
Also 1-story shed, \$1000.
Architect—Not Given. \$2500

DWELLING
(867) 6821 BALSAM WAY, OAK-
LAND. One-story 3-room dwell-
ing.
Owner—E. F. Pursell, Prem.
Contractor—Jas. L. Rich, 556 37th St.
Also 1-story garage, \$200.
Architect—Vernon De Mars, 17 Os-
good Pl., S. F. \$3371

ADDITION
(868) 2611 HUMBOLDT AVE., OAK-
LAND. Addition.
Owner—Mrs. Tavares, 2615 Humboldt
Ave.
Contractor—Carl E. Joseph, 2604
Humboldt Ave.
Architect—Not Given. \$1930

ALTERATIONS
(869) CENTRAL AVE. AND PARK
ST., ALAMEDA. Alterations.
Owner—Commercial National Bank
Premises.
Contractor—D. W. Nicholson, 357 12th
St., Oakland.
Architect—William E. Schirmer, 1111
and Broadway, Oakland. \$30,140

REST ROOM
(870) 1533 BUENA VISTA AVE.
ALAMEDA. Rest room.
Owner—Encinal Terminals, Prem.
Contractor—John F. Tulloch, 473
Proctor Ave., Oakland. \$280
Architect—Not Given.

ALTERATIONS
(871) 1105 PACIFIC AVENUE, AL-
AMEDA. Alterations.
Owner—Thomas Jorgensen, 1105 Pa-
cific Avenue.
Contractor—E. M. Sorensen, 907 Par-
ker St., Berkeley. \$100
Architect—Not Given.

DWELLING
(872) 2438 ROOSEVELT DR., ALA-
MEDA. One and one-half stor-
6-room dwelling.
Owner—Harry C. Knight, 2265 Pow-
ell Blvd., Alameda.
Contractor—Harry C. Knight, 2265
Powell Blvd., Alameda.
Architect—W. A. Doctor, 2343 Ash-
by Ave., Berkeley. \$550

DWELLING
(873) 967 PEARL ST., ALAMEDA.
One-story 6-room dwelling.
Owner—C. G. Mehrtens, 1536 Webst-
er St., Alameda.
Contractor—Edwin M. Dahl, 2901 56th
Ave., Oakland. \$45
Architect—Not Given.

DWELLING
(874) 905 DELMAR ST., ALAM-
EDA. Single-family 5-room dwell-
ing.
Owner—G. H. Noble, 1630 Foley
Alameda.
Contractor—J. R. Pierce, 3942 Wo-
ruff Ave., Oakland.
Architect—Not Given. \$3

DWELLING
(875) 8009 NEY AVE., OAKLAND.
One-story 5-room dwelling.
Owner—A. R. Burgard, 3344 E. 1
St.
Contractor—C. Tollefsen, 1755 H
St.
Also 1-story garage, \$300.
Architect—Not Given. \$

DWELLING
(876) 449 FLORENCE AVE., OAK-
LAND. One-story 7-room dwell-
ing.
Owner & Builder—Hufschmidt &
Whalen, 359 17th St.
Architect—Not Given. \$

DWELLING
(877) 2708 DARNBY DRIVE, OAK-
LAND. One-story 5-room dwell-
ing.

Owner & Builder—Arthur D. Kent,
5354 James Ave.
Architect—Not Given. \$5000

DWELLING
(878) 4055 MIDVALE AVE., OAK-
LAND. One-story 5-room dwell-
ing.

Owner & Builder—O. E. Lofgren, 1355
E. 32nd St.
Architect—Not Given. \$3900

DWELLING
(879) 2506 TRUMAN AVE., OAK-
LAND. One-story 4-room dwell-
ing.

Owner & Builder—W. Van Aalst,
2039 34th Ave.
Architect—Not Given. \$2500

DWELLING
(687) 1830 E. 15TH ST., OAKLAND.
One-story 4-room dwelling.
Owner—Frank Cabral, 1835 E. 15th
St.
Contractor—Walter J. Josephs, 3124
Minna Ave.
Architect—Not Given. \$2150

DWELLING
(688) 2600 CAMINA LENADA, OAK-
LAND. One-story 6-room dwell-
ing.

Owner & Builder—U. F. Hamblin, 77
Linda Ave.
Architect—Not Given. \$4500

DWELLING
(689) 2606 CAMINO LENADA, OAK-
LAND. Two-story 6-room dwell-
ing.

Owner & Builder—U. F. Hamblin, 77
Linda Ave.
Architect—Not Given. \$5500

DWELLING
(690) 5601 FLORENCE AVE., OAK-
LAND. One-story 5-room dwell-
ing.

Owner & Builder—Drexel Heater,
4880 Webster St.
Architect—Not Given. \$5000

DWELLING
(691) 6021 COLTON BLVD., OAK-
LAND. One-story 5-room dwell-
ing.

Owner—Norman J. Pope, 418 Haight
St., San Francisco.
Contractor—F. J. Anderson, 2732
Garden St.
Architect—Not Given. \$5000

DWELLING
(692) 3043 HYDE ST., OAKLAND.
One-story 6-room dwelling.
Owner & Builder—Walter Pressler,
1419 Excelsior Ave.
Architect—Not Given. \$5000

ADDITION
(693) 814 E. 14TH ST., OAKLAND.
One-story brick addition.

Owner—Al Rinetti, Prem.
Contractor—C. E. Milton, 3408 65th
Ave.
Architect—Not Given. \$4000

DWELLING
(694) 2679 64TH AVE., OAKLAND.
One-story 5-room dwelling.

Owner—Thos. E. Scanlon, Prem.
Contractor—A. J. Flagg, 3743 Loma
Vista Ave.
Also 1-story garage, \$200.
Architect—Not Given. \$3500

ADDITIONS
(695) 1 HILL ROAD, BERKELEY.
Additions.

Owner & Builder—Morris Frost,
Premises.
Architect—Not Given. \$1500

DWELLING
(696) 4550 REINHARDT DRIVE,
OAKLAND. One-story 5-room
dwelling.

Owner—W. D. Brown, Oakland, Cal.

Contractor—Gene E. Van Ness, 4331
Masterson St.
Also garage, \$150.
Architect—Not Given. \$3800

DWELLING
(697) 5901 MARGARIDO DRIVE,
OAKLAND. Two-story 6-room
dwelling.

Owner & Builder—E. Campomenosi,
6401 Broadway Terrace.
Architect—Not Given. \$7800

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
277	Koblin	Tomlin	4750
278	Family Club	Jensen	4154
279	P T & T	Paoli	375
280	Dysegard	Zinkand	10555
281	Weston	Munson	5000
282	S P Co	Raisch	.....
283	Biennoff	Kramer	13870
284	Biennoff	Rowe	1675
285	Biennoff	Galvin	600
286	Biennoff	Davison	500

DWELLING
(277) PPN. BLOCK 38, UNIVER-
SITY MOUND SURVEY, LOT 21,
Blk. 5918, as recorded at Record-
er's office, City and County of
San Francisco. One-story frame
dwelling.

Owner—G. Koblin.
Contractor—F. Tomlin.
Filed, Mar. 31, '38. Dated Mar. 31, '38
25% when roof on;
25% brown coat plaster;
25% completion;
25% usual 35 days.

TOTAL COST, \$4,750.00
Forfeit, \$3. Limit, 90 days. Specifi-
cations filed.

ALTERATIONS

(278) 545 POWELL ST. Alterations
and additions to club building.
Owner—The Family Club, premises.
Architects—J. R. Miller and T. L.
Pflueger, 580 Market St.
Contractor—G. P. W. Jensen & Sons,
Inc., 320 Market Street.

Filed, April 1, '38. Dated, Mar. 21, '38
Monthly payments of 85%
Usual 35 days..... 15%
TOTAL COST, \$41,514.00

Bond, \$20,757. Sureties, James Ring-
rose and N. P. Anderson, Limit, Aug.
1. Plans and specifications filed.

PAINTING

(279) 1930 STEINER ST. Interior
painting work
Owner—The P. T. & T. Co., 444 Bush.
Architect—Not Given.
Contractor—R. P. Paoli & Co., 2530
Lombard St.

Filed, Apr. 1, '38. Dated, Mar. 21, '38.
Upon completion 75%
Usual 35 days 25%
TOTAL COST, \$375.50

Bond, \$375. Sureties, Pacific Indem-
nity Co. Specifications filed.

DWELLING

(280) W MASONIC AVE. 55 N Gold-
en Gate Avenue. Two-story and
basement frame dwelling.

Owner—Arnold Dysegard.
Architect—A. H. Larsen, 333 Kearny.
Contractor—Ed. Zinkand & Son, 667
36th Avenue.

Filed, Apr. 1, '38. Dated, Mar. 30, '38.
Frame up \$2638.75
Brown coated 2638.75
Completed 2638.75
Usual 35 days 2638.75

TOTAL COST, \$10,555.00
Bond, \$5275. Sureties, Ferdinand Idg-
heyden and David Grandi. Limit, 90
days. Plans and specifications filed.

SERVICE STATION

(281) SE JUDAH ST. AND 12TH
AVE. Service station.

Owner—The Weston Co., 582 Market
St.

Contractor—John Munson, 2419 15th
St., San Francisco.
Filed April 4, '38. Dated Feb. 16, '38
25% when bldg. delivered.
35% steel work completed.
20% on completion.
20% usual 35 days.

TOTAL COST, \$5,000.00
Bond, \$5000. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 60 da.
Plans and specifications filed.

PAVING WORK

(282) ILLINOIS ST. Paving track
area in Illinois Street.

Owner—Southern Pacific Company,
65 Market St.
Architect—Not Given.
Contractor—A. G. Raisch, 1 DeHaro.

Filed, April 6, '38. Dated, Mar. 30, '38
Monthly payments of 75%
Usual 35 days 25%

UNIT PRICES.
Bond \$2,538.50. Sureties, Inland Bond-
ing Co. Limit, 180 days. Plans and
specifications filed.

DWELLING

(283) W NORMANDIE TERR. bet.
Scott and Divisadero Sts. Two-
story and basement frame dwell-
ing.

Owner—David Biennoff, 54 Parker Av-
enue.
Architect—Hyman and Appieton, 68
Post Street.

Contractor—John E. Kramer, 1906
Stelner St.
Filed, April 6, '38. Dated, Mar. 30, '38

Roof on 25%
Brown coated 25%
Completion 25%
Usual 35 days 25%

TOTAL COST, \$13,870
Bond, \$14,000. Sureties, U. S. Fidelity
& Guaranty Co. Limit, 90 days.
Plans and specifications filed.

(284) PLUMBING WORK on above.

Contractor—Anderson and Rowe, 45
Belcher Street.

Filed, April 6, '38. Dated, Mar. 30, '38
Roughing in done 50%
Completion 25%
Usual 35 days 25%

TOTAL COST, \$1,675.00
Bond, \$1,590. Sureties, Pacific In-
demnity Co. Plans and Specifications
filed.

(285) ELECTRIC WORK on above.

Contractor—Galvin Bros., 1578 29th
Avenue.

Filed, April 6, '38. Dated, Mar. 30, '38
Roughing in done 50%
Completion 25%
Usual 35 days 25%

TOTAL COST, \$600.00
Plans and specifications filed.

(286) HEATING WORK on above.

Contractor—Lowell Davison Sheet
Metal Works, 1250 9th Ave.

Filed, April 6, '38. Dated, Mar. 30, '38
Roughing in done 50%
Completion 25%
Usual 35 days 25%

TOTAL COST, \$500.00
Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
168	P. T. & T.	Schwartz	295

PAINTING

(168) 3430 FOOTHILL BLVD., OAK-
LAND. Painting telephone bldg.
Owner—Pacific Tel. & Tel. Co., Prem.
Contractor—Schwartz & Bourbouis,
668 7th St., Oakland.

Filed April 2, '38. Dated Mar. 17, '38
Completion—75%
Usual 40 days—25%.

TOTAL COST, \$295.00
Bond, \$295. Surety, Pac. Indem. Co.
Limit, 14 days. Specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Bank, Stores and |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & |

1—APARTMENTS

PLANS BEING FIGURED

LOS ANGELES, Cal.—W. C. Acker, Rosslyn Hotel, is taking general bids from a closed, selected list of contractors for a large apartment house to be built at 10824 Lindbrook Dr., West Los Angeles, for himself. Bids will be opened about April 10. The building will be a two-story and part three-story structure, 130 x 173 feet in area, and will be built around an interior court, 56 x 102 ft. It will contain 70 single and bachelor apts. and a class A basement garage. Estimated cost, \$90,000. Max Maltzman, architect, 5516 Wilshire Blvd. 1

Contract Awarded
APARTMENTS Cost, \$9500
SAN FRANCISCO, E Montgomery 23 S Greenwich St.
 Three-story frame apt. house.
 Owner—T. W. Borden, 1470 Montgomery Street.
 Architect—Not Given.
 Contractor—Miller Const. Co., 3917 Mission Street. 1

Preparing Working Drawings
ALTERATIONS Cost, \$.....
SAN FRANCISCO, Hyde and Lombard Streets.
 Addition of one-story and alterations to present apartment building.
 Owner—Withheld.
 Architect—Paul A. Ryan, 962 Phelan building.
 Upon completion, plans will be figured by a selected contractor.

3—CHURCHES

Plans Completed
CHURCH Cost, \$40,000
SAN JOSE, Santa Clara Co., Calif. 80 South Fifth Street.
 New edifice to replace church recently destroyed by fire.
 Owner—First Christian Church.
 Architect—Binder & Curtiss, 25 West San Carlos St., San Jose.
 Plans will be figured shortly.

Contract Awarded
ALTERATIONS Cost, \$5,000
PALO ALTO, Santa Clara Co., Calif. 625 Hamilton Avenue.
 Alterations to parsonage.
 Owner—First Methodist Church.
 Architect—Not Given.
 Contractor—J. G. Causey, 2338 Ramona St., Palo Alto. 3

Planned
CHURCH Cost, \$35,000 to \$40,000
BURLINGAME, San Mateo Co., Cal. Sherman Ave. and El Camino Real.
 Three frame and stucco buildings,

consisting of a church proper, seating 200; a parsonage, and a parish house, seating 250, including stage and kitchen.
 Owner—Grace Evangelical Lutheran Church of San Mateo (Rev. Albert R. Kurtz, Pastor).
 Architect—Not Given.
 Construction is not expected to begin for six months.

LOW BIDDER

ALHAMBRA, Los Angeles Co., Cal.—The Theisen Co., 525 Stonehurst Dr., Pasadena, submitted low bid to the Roman Catholic Chancellery of the Diocese of Los Angeles; Rt. Rev. John J. Cantwell, Archbishop, for construction of a reinforced concrete church building at Main St. and Electric Ave., Alhambra, for All Soul's Church; Father Peter Hanrahan, pastor. Cost, \$75,000. Plans were prepared by Henry Carlton Newton, A.I.A., 502 Architects' Bldg., Los Angeles. 3

Contract Awarded
CHURCH Est. Cost, \$140,000
SACRAMENTO, Cal. 2231 M Street.
 New church building.
 Owner—Church of Christ Scientist.
 Architect—Not Given.
 Contractor—C. J. Hopkins, 1810 28th St., Sacramento. 3

5—FLATS

Contract Awarded
FLATS Cost, \$15,000
SAN FRANCISCO, NW Golden Gate and Roselyn Terrace.
 Two-story and basement frame flats.
 Owner—Chas. Crabb, c/o Cont.
 Architect—Not Given.
 Contractor—Oliver M. Rousseau, 321 Kearny St. 5

To Be Done By Day's Work
FLATS Cost, \$8,000
SAN FRANCISCO, S. Turk, 75 ft E. of Chabot Terrace.
 Two-story and basement frame flats.
 Owner & Builder—Oliver M. Rousseau, 321 Kearny St.
 Architect—Not Given. 5

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, \$.....
SANTA CRUZ, Santa Cruz Co., Cal. Pacific and Cathcart Streets.
 Steel gasoline service station.
 Owner—Union Oil Co. of Calif., 220 Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—Aetna Const. Co., 1730 24th Ave., San Francisco. 5

Contract Awarded
GARAGE Cost, \$.....
FRESNO, Fresno Co., Calif. 126 Inez Street near Tulare Street.
 One-story reinforced concrete garage building (63x120-ft.).
 Owner—Pacific Telephone and Telegraph Co., 149 New Montgomery St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—W. J. Ochs, Helm Bldg., Fresno. 5

Contract Awarded
GARAGE Cost, \$.....
LOS GATOS, Santa Clara Co., Calif. Santa Cruz Street.
 One-story reinforced concrete garage and store building with structural steel roof and concrete floors.
 Owner—Withheld.

Architect—Edw. T. Foulkes, 357 12th Street, Oakland.
 Contractor—J. C. Monk & Son, 45 Tait Ave., Los Gatos.

Sub-Contracts Awarded
SERVICE STATION Cost, \$.....
WATSONVILLE, Cal. 5th and Main.
 Steel gasoline service station with super unit.

Owner—Tide Water Assoc. Oil Co.
 Plans by Engr. Dept. of Owner.
 Contractor—R. S. Friend, 309 Stanford St., Watsonville.
Plumbing—Martin and Gleason, 20 Tharp Ave.
Electric Wiring—Pajaro Valley Elec. Co., 22 Lake Avenue.

Grading, Foundations and Concrete—Granite Const. Co., Ltd., Bin No. 9.

Lumber and Mill Work—Hammond Lumber Company.
Hardware—Chas. Ford Co., 407 Main. All of Watsonville.

7—FEDERAL BUILDINGS

BIDS WANTED
SAN DIEGO, Cal.—Until April 19, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Galleys in Barracks Nos. 1 to 7, inclusive, at the Naval Operating Base (Marine Corps Base), San Diego.

Work consists of furnishing and installing approximately 2000 sq. ft. of terrazzo floor in two galleys of Barracks Nos. 2 and 6, and approximately 350 sq. ft. of terrazzo floors in Barracks Nos. 1, 3, 4, 5, and 7. Work also includes terrazzo base, concrete platforms under ranges and miscellaneous work.

Bidding data obtainable from the Public Works Officer upon deposit of \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED
LOS ANGELES, Cal.—Until April 18, 2 p.m., bids will be received by U. S. Forest Service, Los Angeles, for one hydraulic, electric-powered ft. elevator for bidders' shipping point and/or Arcadia. Equipment to consist of pumping plant with control, lifting ram and cylinder, platform, wood enclosure for platform, and 2 safety gates. Bid No. 1209. 7

BIDS OPENED
HUMBOLDT, Nev.—Edward Green, Los Angeles, at \$5,367.40 submitted low bid to the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for erection of loop antenna system and radio facilities building at Humboldt, Nevada. The site is 20 miles southeast of Lovelock.
 Complete bids were:
 Edward Green, Los Angeles: Item (1) \$2,647; Item (2) \$2,720; Items (1 and 2), \$5,367.40.

Wright & Lopez, Cedartown, Ga., (1) \$3,358; (2) \$3,840; (3) \$6,228.
 Bennett & Taylor, Los Angeles, (1) \$3,611.50; (2) \$3,435; (3) 7,047.50.
 Communication Engr. Industries, Seattle, (1) \$2,802.
 Edward Green stipulated that he would accept both items only. *

Complete Bids
VAULT Cost, \$.....
SAN FRANCISCO, U. S. Mint, DuBois Ave. and Market St.
 Additional storage vault (except elevators), approx. 158 ft. long, 66

ft. wide and 24 ft. deep, with two decks, to be sunk in present driveway; work involves excavation, ventilating system, etc.
Owner—United States Government.
Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.

Low Bidder—B. A. Howkins & Co., 1182 Market St.—\$148,600.
Complete bids follow:
B. A. Howkins & Co., San Francisco
 (1) \$148,600; (2) \$170,800; (3) ded. \$170; (4) ded. \$1,000.

Meyer Constr. Co., S. F.—(\$1) \$150,721; (2) \$172,381; (3) ded. \$973; (4) ded. \$1,124.

Clinton Constr. Co., S. F.—(1) \$150,900; (2) \$173,000; (3) ded. \$1500; (4) ded. \$500.

Barrett & Hilp, S. F.—(1) \$155,700; (2) \$177,800; (3) ded. \$1800; (4) ded. \$2000.

Robert McCarthy, S. F.—(1) \$158,500; (2) \$178,500; (3) ded. \$1500; (4) ded. \$800.

James I. Barnes Constr. Co., Santa Monica—(1) \$158,900; (2) \$180,400; (3) ded. \$1300; (4) ded. \$1500.

MacDonald & Kahn Co., Ltd., S. F.—(1) \$159,751; (2) \$178,871; (3) ded. \$800; (4) ded. \$900.

Sibley Grading & Teaming Co., S. F.—(1) \$162,333; (2) \$183,485; (3) ded. \$1278; (4) ded. \$1466.

F. C. Amoroso & Sons, S. F.—(1) \$165,000; (2) \$191,000; (3) ded. \$1000; (4) ded. \$1500.

Monson Bros., S. F.—(1) \$169,431; (2) \$193,820; (3) ded. \$106; (4) \$245.

Albert F. Mangs & Associates, S. F.—(1) \$170,000; (2) \$194,500; (3) ded. \$935; (4) ded. \$1000.

Schuler & McDonald, Inc., Oakland—(1) \$173,773; (2) no bid; (3) add \$31,181; (4) add \$1200.

Charles L. Harney, S. F.—(1) \$175,895; (2) \$201,354; (3) ded. \$1224; (4) \$1453.

Eaton & Smith, S. F.—(1) \$184,000; (2) no bid; (3) add \$2500; (4) ded. \$1900.

Fred J. Early, Jr., S. F.—(1) \$204,600; (2) \$227,800; (3) ded. \$1000; (4) ded. \$1200.

BIDS OPENED
SAN DIEGO—San Diego Elevator & Electric Co., 504 13th St., San Diego, at \$90, submitted low bid to the Public Works Officer, 11th Naval District, for repairs to elevator at the Naval Hospital; Spec. 8699.
Only other bid submitted by Mayer & Boyce, San Diego, at \$301. 7

ONLY BIDDER
SAN FRANCISCO—Otis Elevator Co., 810 18th St. NW, Washington, D. C., at \$12,751, submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing a complete elevator plant in the additional storage vault for the U. S. Mint at San Francisco.

Site Selected
POST OFFICE Cost, \$.....
DENVER, Colo.—SE Cor. S. Broadway and West Cedar Sts.
United States South Denver Branch Post Office.
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.
Site (181 x 134 ft.) submitted by J. S. Settle et al. Cost, \$29,650.

BIDS WANTED
DENVER, Colo.—Until April 27, 10 a. m. bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for fan, hood, sink, etc., in the U. S. Custom House at Denver.
Specifications and drawings (if any) may be obtained from the above office. 7

BIDS WANTED
THE DALLES, Ore.—Until April 19, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior painting and miscellaneous repairs at the U. S. Post Office, The Dalles.
Specifications and drawings (if any) may be obtained at the above office and from the Custodian of the Building at The Dalles, Ore.

BIDS OPENED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$364, submitted low bid to the Constructing Quartermaster, Fort Mason, for installing acoustical tile in Rooms Nos. 201-A, 202-A, and 203-A of Bldg. No. 100, at the Presidio of San Francisco.
Only other bid submitted by Robt. L. Cramer Co., at \$407.
(0743) 1st report Mar. 29, 1938. * 7

BIDS OPENED
LONG BEACH, Los Angeles Co., Cal.—Hull, Smale & Robinson, P.O. Box 815, Wilmington, submitted low bid and were recommended for award of contract by Public Works Officer, 11th Naval District, San Diego, Apr. 1, at \$540, for alterations and repairs to fleet moorings at the 11th Naval District, Los Angeles and Long Beach Harbors, Spec. 8690.
Other bids were:
Case Constr. Co., San Pedro, \$5800.
Robb-Connelly Co., L. A., \$5975.
Lebbus Curtis, San Pedro, \$7760.

Sub Contracts Awarded
SAN FERNANDO, Los Angeles Co., Cal.—Sarzer & Zoss, Inc., 1015 W. Fourth St., Los Angeles, awarded the following sub contracts for the Veterans' Administration Facility, San Fernando.
Roofing—Brandt & Riedel, 1046 S. Olive St.
Plumbing—E. Willardson, 2880 Rowena Ave.
Electric Wiring—Bennett & Taylor, 598 San Fernando Road.
Heating—Kenneth Fraser, 1452 North Lake Ave., Pasadena.
Tile Work—B. V. Collins, 1427 East 16th St.
Glass—Thompson Glass & Paint Co., 702 E. Gage Ave.
Grading—State Decomposed Granite Co., 8455 Santa Monica Blvd.
Lumber—Hammond Lumber Co., 2010 S. Alameda St.
Mill Work—Glasson Mill Co., 2000 Main St., San Diego.
Hardware—Sargent & Co., New Haven, Conn.
All of Los Angeles, unless otherwise noted.

BIDS WANTED
SAN FRANCISCO.—Until May 4, 11 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, for constructing new roof and making other repairs to warehouse B-2, at Fort Mason.
Plans and specifications may be obtained from the office of the Constructing Quartermaster upon deposit of \$10, payable to Finance Officer, Fort Mason.
Bids must be accompanied by security in the amount of 10% of bid.

BIDS WANTED
STANISLAUS COUNTY, Cal.—Until April 26, bids will be received by the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for loop antenna system and radio facility building in Stanislaus County, near Modesto.

BIDS WANTED
NEEDLES SANTA ANA AND INDIRIO, Cal.—Until April 15 bids will be received by the Chief of Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for Antenna System and Radio Facility Buildings at Needles, San Bernardino County, Santa Ana, Orange County, and Indio, Riverside County; Proposal 29072.

Complete Bids
REMODELING
PHOENIX, Arizona.
Remodel U. S. Courthouse, Etc. (including elevators).
Owner—United States Government.
Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Low Bidder—Thos. L. Dawson Co., 2031 Washington Avenue, Kansas City, Mo.—\$148,000.
Complete bids were:
Thomas L. Dawson Co., Kansas City, Mo.—\$148,000; (Alt. A—deduct) \$3,300; (Alt. B—deduct) \$1,500.
Lemke Constr. Co., Albuquerque, N. Mex.—\$155,550; \$300; \$900.
MacDonald Constr. Co., St. Louis, Mo.—\$148,800; \$2,275; \$990.
James I. Barnes Constr. Co., Santa Monica, Cal.—\$151,420; \$2,700; \$1,000.
Wm. Peper Constr. Co., Phoenix, Ariz.—\$159,732; \$4,000; \$950.
Algernon Blair, Montgomery, Ala.—\$162,519; \$2,800; \$1,000.
R. W. Womack, Phoenix, Ariz.—\$163,240; \$3,574; \$1,145.
Robt. E. McKee, El Paso, Texas—\$165,000; \$3,500; \$950.
Andrew & Dawson, Montgomery, Ala.—\$165,300; \$2,800; \$900.
J. J. Fritch, Dallas, Texas—\$168,700; \$1,500; \$900.
E. & E. J. Pfozter, Philadelphia, Pa.—\$169,380; \$3,400; \$1,000.
H. Mayson, Los Angeles, Calif.—\$169,900; \$3,100; \$1,300.

To Ask Bids Shortly
POST OFFICE Total allotment, \$248,000
EUGENE, Oregon. Willamette and Fifth Streets.
U. S. Post Office (128 x 66 ft.).
Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Bids will be called early in April by Procurement Division, Public Buildings Branch, Washington, D. C.

COMPLETE MESA
MORMON MESA, Nevada.—R. J. Kingston, Ogden, Utah, on Items 1 and 2, at \$5,552, submitted low bid to the Division of Purchases & Sales, U. S. Department of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility bldg. at Mormon Mesa, Nevada.
Complete total bids follow:
R. J. Kingston, Ogden, Utah.....\$5,552
Bennett & Taylor, Los Angeles 6,136
Bowers Bldg. & Const. Co., Salt Lake City, Utah..... 6,154
Contracting & Sales Co., Inc., Portland, Oregon..... 6,328
Edward Green, Los Angeles..... 7,247

BIDS WANTED
STANISLAUS CO., Cal.—Until Apr. 15, 2 p. m., bids will be received by the United States Dept. of Agriculture, Farm Security Administration, Room 227, Wells-Fargo Bldg, 85 Second St., San Francisco, for construction of the Community Buildings and facilities at the Westley Tract of the Calif. Migratory Labor Camps Project in Stanislaus County.
Plans and specifications may be obtained at the above address upon deposit of a check or money order in the amount of \$25, payable to the Treasurer of the United States.

BIDS WANTED
NEEDLES SANTA ANA AND INDIRIO, Cal.—Until April 15 bids will be received by the Chief of Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for Antenna System and Radio Facility Buildings at Needles, San Bernardino County, Santa Ana, Orange County, and Indio, Riverside County; Proposal 29072.

OPENING DATE POSTPONED

SAN FRANCISCO—Until April 14, 11 A. M. (postponed from April 4), bids will be received by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of twelve units of twenty-one portable demountable buildings each, and one unit of six portable demountable buildings, for CCC camps within in the Ninth Corps Area.

Plans and specifications may be obtained from the above office upon deposit of \$10, payable to the Quartermaster.

CONTRACT AWARDED

SAN FRANCISCO—Sunset Tile Co., 2095 15th Ave., at \$509, awarded contract by the Constructing Quartermaster, Fort Mason, for installing tile wainscot and tile floors in bathrooms in Quarters No. 1, Fort Mason. Complete basic bids were:

Sunset Tile Co.	.....\$509.00
Progressive Tile & Mantle Co.	.....520.00
American Art Tile Co.	.....523.00
T. J. Lamey & Sons	.....555.00
Boyes & Fratessa	.....565.00
Meda Art Tile Co.	.....575.00
Malott & Peterson	.....581.00
Ginsberg Tile Co.	.....622.50

CONTRACT AWARDED

SAN FRANCISCO—J. di Cristina & Son, 3150 18th St., at \$310, awarded contract by the Constructing Quartermaster, Fort Mason, for construction of new stairway in Quarters No. 1 at Fort Mason.

Other bids were:

E. F. Philbrick Co., Inc.	.....\$349.00
Atlas Stairbuilding Co.	.....394.00
P. O. Lind, Inc.	.....414.00
Perrano & Drew	.....535.00

8— CLUB BUILDINGS**Sub-Contracts Awarded**

LODGE BLDG. Cost, \$60,000
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.

Two-story and basement reinforced concrete club building (50x100-feet) club rooms, banquet hall, kitchen, shower room, etc.

Owner—Vallejo Lodge of Elks (Clarence Price, President).

Architect—Dodge Riedy, 821 Market St., San Francisco.

Contractor—David Paganini, 617 Montgomery St., San Francisco.
Structural Steel—Golden Gate Iron Works, 1541 Howard Street, San Francisco.

Reinforcing Steel—W. S. Wettenhall Co., 17th and Wisconsin Streets, San Francisco.

Hardwood Floors—Sam Southern Hardwood Floor Co., 320 Hampshire St., Vallejo.

Mill Work—Pacific Mfg. Co., Santa Clara.

Sheet Metal, Heating and Ventilating—Claus Sheet Metal Works, 615 Florida St., Vallejo.

Roofing—Pacific Roofing Co., 830 Sonoma St., Vallejo.

Painting—Vera & Castro, 919 Marin St., Vallejo.

Plumbing—Harold E. Beasley, 1322 Farrell St., Vallejo.

Electric—Ed Pierce Electric Co., 312 Virginia St., Vallejo.

9— HOSPITALS**CONTRACT AWARDED**

BAKERSFIELD, Kern Co., Cal.—Malcolm Brock & Co., 1918 Chester Ave., Bakersfield, awarded contract by Kern County Supervisors, at \$9,996, for first unit of air cooling system to be installed on the second and third floors of north wing of the Kern County Courthouse, Bakersfield. Plans prepared by Symmes &

Willard; Stanton Willard, architect, 1314 17th St., Bakersfield. 9

Contract Awarded

KENNELS Cost, \$.....
SANTA CLARA Co., near San Jose, by the Board of Supervisors of the County of Merced for the electrical work and dog and cat boarding kennels. Owner—Dr. Rex Taylor, c/o Archt. Architect—Edward W. Kress, 516 1st Natl. Bank Bldg., San Jose. Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.

CONTRACT AWARDED

MERCED, Calif.—Eddy Electric & Mechanical Co., 309 E. Weber Ave., Stockton, at \$4,590, awarded contract by the Board of Supervisors of the County of Merced for the electrical work in the new Women's and Children's Unit at the General Hospital site, Merced.

Plans prepared by Architect Arthur O. Johnson, San Francis Drake Hotel, San Francisco.

Low bidder's name previously reported in error.

Bids Wanted—To Close May 3,

2 P. M. Cost, \$.....
WARD UNIT Cost, \$.....
AGNEW STATE HOSPITAL, Santa Clara County, Calif.

Erection and completion of Ward Unit No. 3 at Farm, to consist of two-story reinf. cone building with hollow tile partitions, steel sash, wood roof construction and tile roof covering, together with approx. 1900 lf. of road work, misc. concrete sidewalks and concrete manholes.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Sts., Sacramento.

Separate bids will be received as follows: (1) general work; (2) electric work; (3) plumbing work; (4) heating and ventilating work. Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by a cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

HOUSES

Preparing Working Drawings
COCKTAIL LOUNGE Cost, \$.....

SAN FRANCISCO, 353 Geary Street. Installation of new cocktail lounge in the Hotel Stewart.

Owner—Hotel Stewart, c/o Architect. Architect—Hertzka and Knowles, 369 Pine Street.

12— POWER PLANTS**SUB CONTRACTS AWARDED**

SAN FRANCISCO—Clinton Const. Co. of Calif., 923 Folsom St., awarded following sub contracts, under Spec. 19,110, for construction of a primary digester for the Richmond-Sunset Sewage Treatment Plant, for the Dept. of Public Works.
Reinforced Steel—W. C. Hauck & Co., 280 San Bruno Ave.
Gunitite—Edwin Anderson, 998 Gilman St.

Crating—Piombo Bros., 1571 Turk.
Sheet Metal—Morrison & Co., 74 Du-boce St.

Misc. Iron—F. Kern & Son, 517 Sixth St.

Dampproofing and Painting—N. E. Burgess, 282 7th St.

Fence—California Wire Cloth, 1001 22nd St., Oakland.

Dome Erection—Cal. Steel Products Co., Bay and Taylor Sts.

All of San Francisco unless otherwise noted.

LOW BIDDER

BRAWLEY, Imperial Co., Calif.—O. L. Carpenter, Box 426, Palm Springs, submitted low bid to the Imperial Irrigation District, at \$18,172, for construction of concrete foundations and other structures for additions to Diesel power plant at Brawley, a PWA project. 12

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS****Bids Wanted—To Close April 18,**

3:00 P. M. Cost, \$.....
DASH COATING Cost, \$.....
YERBA BUENA SHOALS. Site of 1939 World's Fair.

Dash coating, Air Terminal Bldg.; Contract No. 166.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Plans and specifications may be obtained after 2 p.m., April 7, from the above office upon deposit of \$20.

Contract Price, \$127,977
 SACRAMENTO, Sacramento County.
 Agricultural Park.

Erection and completion of the Assembly Building, containing an assembly hall seating approximately 1250, and various other incidental rooms combined in one building of reinforced concrete construction, brick veneer, structural steel, wood and concrete floors, wood roof deck, tile roof, and steel sash and erection and completion of a combination 1- and 2-story reinforced concrete dairy exhibit building with brick veneer, steel sash and tile roof.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
 Contractor—F. C. Amoroso & Sons, NE Keith and Wallace Avenues, San Francisco.

Sheet Metal—Morrison & Co., 74-76 Duboce Ave., San Francisco.

Cement—Pacific Portland Cement Co., 111 Sutter St., San Francisco.

Lumber—Chas. F. McCormick Lumber Co., 461 Market Street, San Francisco.

Roofing—Capital Roofing & Supply Co., 2011 "Q" St., Sacramento.

Brick Work—E. A. Hunn, 917 5th St., Marysville.

Painting—A. A. Zelinsky & Sons, Inc., 24 Page St., San Francisco.

Maple Floors—Aetna Hardwood Floor Co., 951 Brannan St., San Francisco.

Plastering—Perry Bros., 242 E. Miner Ave., Stockton.

Sub-contracts previously awarded published March 18.

Contract Awarded
 PLASTERING Cont. Pr., \$37,400
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General plastering, Central Tower, at the Exposition site; Contract No. 153.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—A. Knowles, 982 Bryant St., San Francisco.

Low Bidder
 EXHIBIT BLDGS.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of buildings in North Square Court at Yerba Buena Shoals; Contract No. 143 (work involves extensions to Palaces 12 to 14 and Palaces 15 and 16, Ferry Entrance Towers, walls and arches, pylon, steps and cascades).

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Low Bidder—Barrett & Hlip, 918 Harrison St., San Francisco—\$419,000.

Bids Opened
 LIBRARY Cost, \$.....

CARMICHAEL, Sacramento Co., Cal. One-story frame library building.

Owner—County of Sacramento.
 Architect—Harry Devine, Cronan Bldg., Sacramento.

Low Bidder—P. F. Bender, 1012 Del Paso Blvd., North Sacramento, \$2,980.

Complete bids follow:
 P. F. Bender, No. Sacramento... \$2,980
 Otto Stenbrenner..... 3,275
 Chas. Unger..... 3,370
 H. W. Robertson..... 3,457
 Lawrence Const. Co..... 3,672
 Henry Finnigan..... 3,895

Holder Const. Co..... 3,935
 Charles Peterson..... 4,297
 All of Sacramento.

Planned
 EXHIBIT BLDG. Cost, \$.....
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building to be known as the Mission Trails Building to hold exhibits from Santa Barbara, San Luis Obispo, Monterey, Santa Cruz, San Benito and San Mateo Counties.
 Owner—State of California.

14— RESIDENCE

Preparing Plans
 RESIDENCES Cost, \$6,000 each
 SAN FRANCISCO. Silver Ave.
 Eighteen one-story frame residences.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St.

Preparing Plans
 RESIDENCE Est. Cost, \$4,500
 MILL VALLEY, Marin Co., Cal.
 One-story frame and wood siding residence; shingle roof, plaster walls, hardwood floors, tile bath, etc.
 Owner—John Pollia, c/o Architect.
 Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Contract Awarded
 RESIDENCE Cost, \$.....
 KENTFIELD, Marin Co., Cal.
 One-story frame residence (8 rooms), shake roof, steel sash, hardwood floors, tile baths, air conditioning system.

Owner—Mr. Wellman, c/o Architect.
 Architect—Carl F. Gromme, Freitas Bldg., San Rafael.

Contractor—T. M. Person and J. Linggi, 1010 Lincoln Avenue, San Rafael.

Bids In—Held Under Advice
 RESIDENCE Cost, \$.....
 BERKELEY, Alameda Co., Cal. Hotel Fairmont Tract.

Two-story frame and stucco residence (10 rooms, 4 baths, 3 toilet rooms), steel sash, shake roof, hardwood floors, tile baths, warm air heating plant, canvas walls.

Owner—C. C. Young, c/o Architect.
 Architect—Angus McSweeney, 604 Mission St., San Francisco.

Plans Being Figured
 RESIDENCE Cost, \$6,000
 SANTA ROSA, Sonoma Co., Cal.

Two-story frame and wood siding residence (7 rooms and 2 baths), shingle roof, hardwood floors, tile baths, basement furnace.

Owner—P. G. Connick, c/o Architect.
 Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Plans now being figured by a selected list of contractors.

Plans Being Figured
 RESIDENCE Cost, \$6,000
 SANTA ROSA, Sonoma Co., Cal.

Two-story frame and stucco residence (7 rooms, 2 baths), shingle roof, hardwood floors, tile baths, basement furnace.

Owner—L. G. Hitchcock, c/o Architect.
 Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Plans are now being figured by a selected list of contractors.

Preparing Working Drawings
 RESIDENCE Cost, \$6,000
 OAKLAND, Alameda Co., Cal. Montclair Highlands.

One-story frame and stucco residence; gas furnace and water heater, shingle roof, tile baths, wood sash, plaster interior, etc.

Owner—Withheld.
 Architect—Marshall Dean and John Hudspeth; Marshall Dean, Architect, 2104 Addison St., Berkeley.

Preparing Working Drawings
 RESIDENCE Cost, \$9,000
 VALLEJO, Solano Co., Cal.

Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, hardwood floors, steel sash, linoleum floors in bathrooms, etc.

Owner—Withheld.
 Architect—Marshall Dean and John Hudspeth; Marshall Dean, Architect, 2104 Addison St., Berkeley.

Preparing Plans
 RESIDENCE Cost, \$20,000
 SAN FRANCISCO. Pacific Heights.

Two-story and basement frame residence (9 rooms, 4 baths), hardwood floors, tile baths, etc.

Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St.

Preparing Plans
 RESIDENCE Cost, \$.....
 BERKELEY, Alameda Co., Cal.

One-story frame residence (5 rms.).
 Owner—Withheld.
 Architect—Henry T. Howard, 278 Post St., San Francisco.

Plans Completed
 RESIDENCE Cost, \$5,000
 SAN FRANCISCO, Cal., near 46th Ave.

One-story frame and stucco residence (6 rooms).
 Owner & Builder—Standard Building Co., 1500 Judah St.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed
 RESIDENCE Est. Cost, \$15,000
 PLACERVILLE, Calif.

Two-story residence (eleven rooms, three baths).
 Owner—Dr. McKinnon, c/o Archt.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans will be figured by a selected list of contractors shortly.

Preparing Plans
 RESIDENCE Cost, \$.....
 SANTA ROSA.

One-story frame residence (six rooms), hardwood floors, shake roof, Redwood exteriors, tile baths, etc.

Owner—Wilson E. Finley, c/o Archt.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Sub Contracts Awarded
 RESIDENCE Cost, \$.....
 OAKLAND, Alameda County, Calif. Claremont Pines.

Two-story frame and stucco residence.
 Owner—Mr. McEneaney, c/o Archt.
 Architect—Masten, Hurd & Roeth, 442 Post St., San Francisco.

Contractor—C. M. Teigland, 525 49th St., Oakland.

Plumbing—Madden Plumbing & Htg. Co., 3103 San Pablo Ave., Oakland.

Electric Wiring—Paramount Electric Co., 4216 Telegraph Ave., Oakland.

Heating—Atlas Heating & Ventilating Co., Ltd., 557 Fourth Street, San Francisco.

Sheet Metal—Golden Gate Sheet Mfg. Works, 1422 14th Ave., Oakland.
 Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
 Glass—Western Door & Sash Co., Fifth and Cypress Sts., Oakland.
 Hardwood Floors—V. W. Bates Co., 4059 Waterhouse Rd., Oakland.
 Iron Grille Work—Ed. Mueller, 1728 San Pablo Ave., Berkeley.
 Grading—Ariss-Knapp Co., 961 41st

St., Oakland.
Lumber—Piedmont Lumber Co., 351 40th St., Piedmont.
Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.
Painting—Walter I. Hynes, 1817 E. 22nd St., Oakland.
Lathing and Plastering—James F. McDermott, 1338 Berkeley Way, Berkeley.
Concrete—Schnoor Bros., 6016 Claremont Ave., Oakland.

Now Taking Sub Bids
RESIDENCE Cost, \$.....
SAN RAFAEL, Marin Co., Cal.
One-story frame residence.
Owner—Withheld.
Architect—Conrad T. Kett, 519 California St., San Francisco.
Contractor—Ernest Laxton, 526 Red Hill Ave., San Anselmo.
The contractor is now taking sub bids.

Preparing Working Drawings
RESIDENCE Cost, \$.....
SAN FRANCISCO, Francisco Hts.
Two-story frame residence (seven rooms, 2 baths), hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect—Conrad T. Kett, 519 California St., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, \$.....
MILL VALLEY, Marin Co., Cal.
New frame residence.
Owner—Withheld.
Architect—Conrad T. Kett, 519 California St., San Francisco.
Plans will be completed in about ten days and segregated bids taken.

Plans Completed
RESIDENCE Cost, \$.....
ALAMEDA, Alameda Co., Cal.
One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, wood sash, etc.
Owner & Builder—W. L. Le Blanc, 1727 Santa Clara Ave., Alameda.
Architect—Not Given.

Plans Completed
RESIDENCES (2) Cost, \$.....
EL CERRITO, Contra Costa Co., Cal.
Two frame and stucco residences (1 5-room and 1 6-room), tile and compo. roofs, hardwood floors, tile baths, wood sash, etc.
Owner & Builder—Watson Bros., 1720 Stockton Ave., El Cerrito.
Architect—Not Given.

Contract Awarded
RESIDENCE Est. Cost, \$8,000
ATHERTON, San Mateo Co., Calif.
Austin Ave.
One-story frame and stucco residence (7 rooms; 2 baths), hardwood floors, tile baths, wood sash.
Owner—H. I. Johnson.
Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.
Contractor—J. E. Oswald, 1150 Industrial Ave., Burlingame.

Plans Completed
RESIDENCE Cost, \$5,000
PALO ALTO, Santa Clara Co., Calif.
One-story frame residence (five rms.) hardwood floors, tile baths.
Owner and Builder—C. R. Janssen, 555 Lowell Ave., Palo Alto.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cont. Pr., \$10,555
SAN FRANCISCO—W Masonic Ave. 55 N Golden Gate Ave.
Two-story and basement frame residence.
Owner—Arnold Dyssegard.
Architect—A. H. Larsen, 333 Kearny.
Contractor—Ed. Zinkand & Son, 667 36th Avenue.

Contract Awarded
RESIDENCE Cost, \$.....
EL CERRITO, Contra Costa Co., Cal.
Mira Vista Tract.
One-story frame residence; hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect—Kith O. Narbett, 462 31st Ave., Richmond.
Contractor—John Faramia, 827 Madison St., Albany.

Contract Awarded
RESIDENCE Cost, \$6,000
OAKLAND, Alameda Co., Cal. 5048 Proctor Ave.
One-story frame residence (7 rms.).
Owner—Etta A. Axton, 55 Wildwood Gardens.
Architect—E. R. de Chenne, 331 17th St., Oakland.
Contractor—T. M. Almquist, 824 Paloma Ave.

Contract Awarded
RESIDENCE Cost, \$7,500
OAKLAND, Alameda Co., Calif. 16 Humphrey Place.
One-story frame residence (seven rooms).
Owner—L. Gerbardy.
Architect—Not Given.
Contractor—Phillip L. Coats, 2837 Foothill Blvd. 14

Plans Being Figured
RESIDENCE Cost, \$.....
SAN FRANCISCO, University Terr.
One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.
Plans are now being figured by a selected list of contractors.

Contracts Awarded
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.
"Lindenwood."
One-story residence (9 rooms, three baths), knotty white pine in den, fireplace, large curl, fountains, etc., detached 2-car garage with maid's room and bath; landscape gardening.
Owner—Mr. Butterfield.
Architect—O. R. Thayer, 244 Kearny St., San Francisco.
*Painting—A. R. Elliott, 1419 Carlos Ave., Burlingame.

Glass, Mirrors and Copper Screens—
Trollman Mfg. Co., Millbrae and Railroad Aves., Burlingame.
Landscape, driveways and flagstone walks, etc., will be done by day's work.
Contracts previously awarded published March 1 and 18.

*It was previously reported the painting contract had been awarded Chas. Sankovich; however, bid was withdrawn and contract awarded A. R. Elliott.

Bids Opened
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
One-story frame and stucco residence (hardwood floors, tile baths wood sash, etc.)
Owner—L. H. Bliss, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
Low Bidder—Bert Ward & Son, 1139 Lincoln Ave., San Jose, \$5,839.

Other bids were:
M. W. Reese, San Jose.....\$6,321
W. H. Schwartz, San Jose.....6,475
Bids held under advisement. *

Plans Completed
RESIDENCES Cost \$2,000 each
PALO ALTO, San Mateo Co., Calif.
Pitman Street.
Two 2-story frame residences (hardwood floors, tile baths, wood

sash).
Owner and Builder—C. R. Janssen, 555 Lowell Ave., Palo Alto.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Preparing Plans
RESIDENCE Cost, \$.....
CORTE MADERA, Marin Co., Cal.
One-story rustic residence; composition roof, wood siding, knotty pine fireplace, garage.
Owner—R. Denny, c/o Architect.
Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Bids Opened
RESIDENCE Cost, \$.....
OAKLAND, Alameda County, Calif.
Knowland Avenue.
One-story frame and stucco residence (5 rooms) tile roof, hardwood floors, tile baths, wood sash, etc.
Owner—Larry Revelli, c/o Architect
Architect—Irwin M. Johnson, 2219 Seventh Ave., Oakland.
Low Bidder—Earl M. Malott, 269 Scenic Ave., Piedmont, \$6,240.
Other bids were:
G. E. Pearson, Alameda.....\$6,345
J. R. Armstrong, Oakland.....6,862
Willis F. Lynn, Oakland.....7,077
Olaf Petersen, Oakland.....7,099
John Passarino, Oakland.....7,818

Bids Opened
RESIDENCE
SACRAMENTO, Cal. College Tract.
One-story frame residence.
Owner—Al. Carroll, c/o Architect.
Architect—Herbert Goodpaster, Miltau Bldg., Sacramento.
Low Bidder—C. E. DeCuir, 2739 Marshall St., Sacramento—\$5,095.
Other bids were:
J. C. Hansen.....\$5,656
L. L. Watson.....5,800
Paul R. Opydke.....5,902
N. H. Lund.....5,948
All of Sacramento.

Bids Rejected
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Cal.
One-story frame and adobe residence (6 rooms), shake roof, hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect—Mario Corbett, 72 Third Ave., San Mateo.
Bids ran high, and plans will be revised and new bids asked shortly.

Sub Contracts Awarded
RESIDENCE Cost, \$21,000
OAKLAND, Alameda Co., Cal. 100 Pershing Drive.
Two-story frame residence (eleven rooms).

Owner—E. H. Cardinet.
Architect—J. E. Anthony, 3252 Lakeshore Ave., Oakland.

Contractor—The John J. Moore Co., 354 Hobart St., Oakland.
Roofing—W. L. & W. C. Ridout, 642 Pacific Ave., Alameda.

Plumbing—J. A. Fazio, 402 Castro Street.

Electric Wiring—Fred Schmits, 428 Moss Ave.

Heating—Aladdin Heating Corp., 5107 Broadway St.

Tile Work—The Rigney Tile Co., 3012 Harrison St.

Glass—East Bay Glass Co., 621-627 Sixth St.

Grading—Arliss-Knapp Co., 961 41st Street.

Lumber—E. K. Wood Lumber Co., Frederick and King Sts.

Mill Work—Lannom Bros. Mfg. Co., Fifth and Magnolia Sts.

Lathing and Plastering—Wm. Making, 2141 Livingston St.

Concrete—Nat. Lena, 1174 19th St.

All of Oakland, unless otherwise noted.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Montclair Acres.

Two-story frame and stucco residence (hardwood floors, tile baths, wood sash, etc.).
 Owner—C. H. Miller, c/o Architect.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
 Contractor—Olaf Petersen, 3626 Rhoda Ave., Oakland.

Plumbing—Madden Plumbing and Heating Co., 3103 San Pablo Ave.
Electric Wiring—E. L. Reed, 4040 E. 15th St.

Sheet Metal—Atlas Heating & Ventilating Co., Ltd., 557 4th St., San Francisco.

Tile Work—The Rigney Tile Co., 3012 Harrison St.

Hardwood Floors—Carlstrom Bros., 2469 Maxwell Ave.

Brick and Stone Work—J. C. Jorgensen, 2768 26th Ave.

Grading—J. Henry Harris, 2425 Valley St., Berkeley.

Foundations and Concrete—Nat Lena, 1174 19th St., Oakland.

Lumber—Sunset Lumber Co., foot of Oakland.

Mill Work—Lennom Bros. Mfg. Co., 5th and Magnolia Sts.

Hardware—Maxwell Hardware Co., 1320 Washington St.

Lathing and Plastering—Carl Rasmussen, 5801 Moraga Road.

Steel Sash—Gleason Steel Products Co., 1310 63rd St., Emeryville.
 All of Oakland, unless otherwise noted.

Preparing Plans
RESIDENCE Cost, \$5,000
KENTFIELD, Marin Co., Cal.
 One-story residence; Redwood sidings, panel walls, linoleum bath, shale roof, garage and terraces.
 Owner—R. Turman.
 Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Preparing Preliminary Plans
RESIDENCE Cost, \$8,000
SAN FRANCISCO. Crestlake Park.
 Two-story frame residence; garage.
 Owner & Builder—A. J. Herzig, 700 Sloat Blvd.
 Architect—Albert H. Larsen, 333 Kearny St.

Now Taking Sub-Bids
RESIDENCE Cost, \$6000
PIEDMONT, Alameda Co., Cal. Nace Street.
 One-story frame and stucco residence (5 rooms) hardwood floors, tile baths, double garage, gas fired hot air heating plant, etc.
 Owner—Mrs. C. Dolan.
 Architect—A. Reinhold Denke, 1429 Broadway, Oakland.
 Contractor—Boyce and Maede, 3801 Harrison St., Oakland.
 The contractors are now taking sub-bids.

Preparing Plans
NOVITATE Est. Cost, \$150,000
AUBURN, Placer Co., Cal.
 Part one, two and three-story reinforced concrete and stucco novitate building with sleeping quarter fifty; chapel, shingle tile roof.
 Owner—Sisters of Mercy.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Preparing Working Drawings
RESIDENCE Cost, \$12,500
SANTA CRUZ CO. Opal Cliffs, near Capitola.
 One-story frame residence (9 rms., 4 baths), hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
ATHELTON HEIGHTS, San Mateo Co., Cal.
 Two-story frame and brick veneer residence (8 rooms, 3 baths), hardwood floors, tile baths, etc.
 Owner—D. A. Hampton.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

Brick and Stone Work—Chas. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.

Lumber—McElroy Lumber Co., 237 Bayshore Blvd., San Mateo.

Mill Work—Pacific Mfg. Co., Santa Clara.

15—SCHOOLS

BIDS WANTED
VENTURA, Cal.—Until April 19, 7:30 p.m., new bids will be received by the San Buenaventura Sch. District, 1120 E. Main St., Ventura, for the first unit of a new school plant to be built at Howard Street and Thompson Blvd., Ventura. Appropriation is \$22,000. Roy C. Wilson and Geoffry N. Lawford, Say Rd., Santa Paula, architects; Manley Sahlberg, Architects' Bldg., Los Angeles, structural engineer. Bids received last November, which time Lowdermilk & Carrico were low at \$33,415, were rejected. Plans may be obtained from the architects. * 15

Bids Opened
SHOP BUILDING
BERKELEY, Alameda County, Calif. Bancroft Way and Grove Street.
 First unit of two- and part three-story reinforced concrete & steel shop building, to consist of frame work and foundations, to be constructed on the grounds of the Berkeley High School.
 Owner—Berkeley Unified School District (Clara E. Andrews, Secy.), 2325 Milvia St., Berkeley.
 Architects—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Gutterston, 526 Powell St., San Francisco.

Low Bidder—W. K. Van Bokkelen Const., 439 23rd St., Oakland \$119,298.
 Complete bids follow:
 W. K. Van Bokkelen Const., Oakland—(1) \$119,298; (2) \$106,745.
 Carl N. Swenson Co., San Jose—(1) \$124,257; (2) \$111,233.
 Peter Sartorio, San Francisco—(1) \$125,222; (2) \$111,508.
 Palo Alto Roads Materials Co., Palo Alto—(1) \$126,264; (2) \$116,651.
 Geo. J. Maurer, Piedmont—(1) \$128,370; (2) \$114,941.
 H. J. Christensen Co., Oakland—(1) \$129,775; (2) \$114,342.
 E. T. Lesure, Oakland—(1) \$130,533; (2) \$115,926.
 Geo. Swanstrom, Oakland—(1) \$132,658; (2) \$118,543.
 C. L. Wold Constr. Co., Ltd., San Francisco—(1) \$134,650; (2) \$118,995.
 Barrett & Hilp, San Francisco—(1) \$139,900; (2) \$123,300.
 K. E. Parker Co., San Francisco—(1) \$146,857; (2) \$132,687.
 P. Walker, San Francisco—(1) \$147,000; (2) \$135,000.
 Frank J. Rolly Co., San Francisco—(1) \$154,321; (2) \$133,331.
 Bids taken under advisement. * 15

BIDS WANTED
ETIWANDA, San Bernardino Co., Cal.—Until April 22, 7:30 p.m., bids will be received by the Etiwanda School District for the construction of a new elementary school in Etiwanda. Plans are available at the office of the Etiwanda School District upon deposit of \$10. Frederick

Kennedy, Jr., architect, 1041 E. Green St., Pasadena. Cost, \$60,000. * 15

Sub-Contracts Awarded
SCHOOL BLDGS. Cont. Pr., \$39,800
LODI, San Joaquin Co., Calif.
 Two-story reinforced concrete music building (music rooms, rehearsal room, and two classrooms), asbestos roof, cork carpet over wood floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant and a 1-story reinforced concrete agricultural mechanics building (50x100-ft.) asbestos built-up roof, steel industrial windows.
 Owner—Lodi Union High School District.
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.
 Contractor—John Hachman, P. O. Box 206, Stockton.
Plumbing, Heating and Sheet Metal—Henderson Bros., Inc., P. O. Dr. P., Lodi.
Electric Wiring—Collins Electric Co., 705 E. Market St., Stockton.
Glass and Mill Work—Electric Planning Mill, 545 S. Monroe, Stockton.
Iron Grille Work—Kyle Co., Inc., West's Lane, Stockton.
Painting—J. F. Ecker, 17 W. Poplar St., Stockton.
Linoleum—McLean Hardwood Floor Co., 37 S. Sutter St., Stockton.

Bids Wanted—To Close April 27, 2:30 P. M.
ELECTRIC, MECHANICAL AND PLUMBING Cost, \$.....
SAN FRANCISCO. George Washington High School, Geary Blvd. and Balboa St. and 30th and 32d Aves.
 Electrical work and mechanical equipment and plumbing work for the proposed new gymnasium and athletic field unit.
 Owner—City and County of San Francisco.
 Architect—Chas. H. Sawyer, City Architect, Room 265, City Hall.
 Separate bids will be taken for (1) Electrical work, estimated cost, \$15,000; and (2) Mechanical equipment and plumbing, estimated cost, \$49,750. Plans and specifications may be obtained at the architect's office upon deposit of \$25 for each segregation.
 As previously reported, bids will be opened on the same date for general construction of the gymnasium and athletic field unit.

BIDS WANTED
SAN FRANCISCO—Until April 13, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing one bronze plaque over cornerstone at Alta Vista School.
 Specifications obtainable from the office of Superintendent of Bldgs., R. A. Chisholm, 484 11th St.

Contract Awarded
RESIDENCE Cont. Pr., \$13,870
SAN FRANCISCO. Normande Terrace, bet. Scott and Divisadero Streets.
 Three-story frame, stucco and brick residence (12 rooms, 4 baths), part slate roof, hardwood floors, wood sash, etc.
 Owner—Fred Benioff, c/o Archt. Architects—Hyman & Appleton, 68 Post St., San Francisco.
 Contractor—John E. Kramer, 1906 Steiner St.
Plumbing—Anderson & Rowe, 45 Belcher St.—\$1,675.
Electric Work—Galvin Bros., 1578 29th Ave.—\$600.
Heating—Lowell Davison Sheet Metal Works, 1250 9th Ave.—\$500.

Contract Awarded
SCHOOL Cont. Pr., \$73,358
SPRECKELS, Monterey Co., Calif.
 Spreckels Grammar School.
 One-story frame and stucco grammar school building, to contain seven classrooms and auditorium.
 Owner—Spreckels School District.
 Architect—William Henry Rowe, 351 California St., San Francisco.
 Contractor—Harold C. Geyer, 574 Main St., Monterey.
 Contract includes acceptance of Alternates 2, 5 and 2E.

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Cal.—Until April 15, 8 p.m., bids will be received by Santa Maria School District for the construction of a 6-classroom addition to the El Camino Street School in Santa Maria. Certified or cashier's check for 5% required. Plans and specifications may be obtained from Architect Louis N. Crawford, 8 Gibson-Drexler Bldg., Santa Maria, upon deposit of \$10, returnable. 15

BIDS WANTED

SAN DIEGO CO., Cal.—Until April 18, 7:30 p.m., bids will be received by the Sweetwater Union High School District for construction of auditorium buildings at both the National City and the Chula Vista Junior High Schools, an assembly building, a shop building and a physical education building at the Southwest Junior High School, and additions to the north and south wings of the senior high school, a PWA project. Cost is estimated at \$85,000. Plans will be available April 1 at the office of Archts. Kistner & Curtis, 675 Spreckels Theater Bldg., San Diego, upon deposit of \$5. Certified or cashier's check or bid bond for 5% to accompany bid. 15

PLANS ADOPTED

LOS ANGELES, Cal.—Los Angeles Board of Education has adopted working plans for a one-story Class A auditorium building to be built at the Canoga Park High School, 6850 Topanga Canyon Blvd. Estimated cost, \$99,648. Only a portion of the work, to cost approximately \$45,000, is planned at this time. Hibbard, Gearty & Kerton, architects, 1106 Architects' Bldg.; Paul Jeffers, structural engineer; C. A. Sanborn Co., mechanical engineers. 15

Architects Selected
SCHOOL BLDG. Cost, \$44,000
KERN CO., near Bakersfield.
 School building to contain three classrooms, cafeteria and toilet building; frame and stucco construction, steam heating, etc.
 Owner—Greely Grammar Sch. District, Bakersfield.
 Architect—Franklin & Kump, Jr., Bakersfield.

Working Drawings Completed
AUDITORIUM & CLASSROOM
 Cost, \$50,000
DELANO, Kern Co., Cal.
 One-story reinforced concrete auditorium and classroom addition to the Delano Elementary School.
 Owner—Delano Elementary School District.
 Architect—Franklin & Kump, Jr., Bakersfield.

Contract Awarded
SCHOOL ADDN. Cont. Pr., \$54,000
DELANO, Kern Co., Cal.
 One-story concrete school addition to contain eight classrooms for domestic science and commercial departments; stucco exterior finish, stud and channels interior partitions, composition roof, concrete slabs and asphalt tile

and terrazzo floors, gas-steam radiators, etc.
 Owner—Delano Joint Union High School District.
 Architect—Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.
 Contractor—Graham & Dormanide, Delano.

Total bids follow:
 Graham & Dormanide..... \$54,000.00
 Guy E. Hall..... 55,200.00
 Frank Greenough..... 55,754.00
 L. H. Hansen & Co..... 55,988.00
 J. N. Harvey..... 57,448.00
 B. Frank Barr..... 61,400.00
 Miscellaneous equipment for above will be advertised in about 30 days and consists of metal lockers, finish hardware, gas and electric Domestic Science ranges, Venetian blinds, gas drier, class room and Domestic Science furniture.

Sub-Contracts Awarded
SCHOOL Cont. Pr., \$135,665
BURLINGAME, San Mateo Co., Cal.
 Cor. Bayswater: Ave. and Park Road.

Two-story steel frame and reinforced concrete Saint Catherine's School (8 classrooms, large auditorium) modified Gothic architecture.
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
 Architect—Henry A. Minton, Underwood Bldg., San Francisco.
 Structural Engineer—L. H. Nishkian, 52 Market St., San Francisco.
 Contractor—Moore and Roberts, 693 Mission St., San Francisco.
 Steel Forms—Soule Steel Company, 1750 Army St., San Francisco.
 Mill Work—Pacific Mfg. Co., Santa Clara.

Plans Completed
SCHOOL ADDN. Est. Cost, \$30,000
SALINAS, Monterey Co., Calif.
 One-story frame and stucco addition to the Washington School, consisting of music room, manual training room, domestic science room; composition roof, wood sash, etc.
 Owner—Salinas City School District.
 Architect—Charles E. Butner, 7 Winham St., Salinas.
 Structural Engineer—F. W. Kelberg, 320 Market St., San Francisco.
 Plans now in Sacramento awaiting approval of State Division of Architecture. *

Contracts Awarded
SCHOOL Cont. Price, \$40,348
TRACY, San Joaquin Co., Cal.
 Drive. Ave. bet. Parker and Holly Drive.

New elementary school.
 Owner—Tracy Elementary Sch. District (Henry A. McCroly, Clerk).
 Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
 Contractor—C. A. Tornell, 363 Highland Ave., Tracy.
 General contract awarded on basis of acceptance of Alternates 3, 4, 5, 6, 7, 8 and 10.
 Miller-Hays Co., 742 E. Weber Ave., Stockton, at \$3,725 awarded contract for plumbing and heating, and Scott-Butner Electric Co., 2214 Webster St., Oakland, at \$2,416.50 awarded contract for electric work, including acceptance of Alternate 1.

Bids Wanted—To Close April 19, 4:00 P. M.
RECONSTRUCTION
 Estimated Cost, \$120,000
OAKLAND, Alameda Co., Cal. 63rd St. and San Pablo Ave.
 Reconstruction of the Golden Gate School (wood-stucco const.)
 Owner—Oakland School District.
 Architect—W. G. Corlett, Second Avenue and E Tenth St., Oakland (School Administration Bldg.)

As previously reported, plans and specifications may be obtained at Room 105, Administration Building, upon deposit of \$25. Bids will be opened in the Board Room.

Completing Working Drawings
GYM ADDN. Est. Cost, \$35,000
MODESTO, Stanislaus County, Calif.
 Modesto High School.
 Two-story reinforced concrete addition to boys' gymnasium (steel frame roof, copper roof decks).
 Owner—Modesto High School Dist.
 Architect—John J. Donovan, 950 Parker St., Berkeley.

Preparing Working Drawings
SCHOOL Cost, \$.....
SPARKS, Nevada.
 Erection of a new grammar school to contain 18 classrooms, library and auditorium.
 Owner—Sparks Grammar Sch. District (P. R. Hug, Supt. of Schools)
 Architect—F. J. De Longchamps, Gazette Bldg., Reno.
 Sparks School District voted bonds March 12 in the amount of \$150,000, proceeds to finance work.
 Plans will be completed and bids asked about May 1.

Plans Completed
EXERCISE PAVILION
 Estimated Cost, \$27,000
MODESTO, Stanislaus County, Cal.
 Roosevelt High School.
 One-story central unit of gymnasium (reinforced concrete footings, structural steel and wood frame walls, copper roof, wood sheathed inside, stucco plaster outside, wood floor).
 Owner—Modesto High School Dist.
 Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans have been forwarded to the State Division of Architecture for approval.

Bids Wanted—To Close April 19, 4:00 P. M.
RECONSTRUCTION
 Estimated Cost, \$120,000
OAKLAND, Alameda Co., Cal. 63rd St. and San Pablo Ave.
 Reconstruction of the Golden Gate School (wood-stucco construction).
 Owner—Oakland School District.
 Architect—W. G. Corlett, Second Avenue and E Tenth St., Oakland (School Administration Bldg.).

As previously reported, plans and specifications may be obtained at Room 105, Administration Building, upon deposit of \$25. Bids will be opened in the Board Room.

BIDS WANTED
SAN JOAQUIN CO., Cal.—Until April 21, 10 a.m., bids will be received by the Davis School District Board of Trustees, Davis School House, or at the home of A. J. Beckman, Clerk, Rt. 1, Box 763, for constructing a steel link fence around the Davis School House.
 Plans and specifications may be obtained from the above office. * 15

BOND ELECTION
KERN CO., Cal.—Panama School District will vote on April 19 on a proposal to issue bonds in the amount of \$55,000, proceeds to finance alterations and improvements to school building. * 15

Bids Opened
SCHOOL Est. Cost, \$75,000
SPRECKELS, Monterey Co., Calif.
 Spreckels Grammar School.
 One-story frame and stucco grammar school building to contain seven classrooms and auditorium.
 Owner—Spreckels School District.
 Architect—William Henry Rowe, 351

California St., San Francisco.
 Low Bidder—Harold C. Geyer, 274
 Main St., Monterey, \$72,432.
 Complete total bids were as follows:
 Harold C. Geyer, Monterey..... \$72,432
 Albert Staton, Salinas..... 74,797
 F. C. Stolte Co., Alameda..... 75,300
 Peter Sartorio, San Francisco..... 75,462
 H. H. Henning, Stockton..... 79,162
 Carl N. Swenson Co., San Jose 79,950
 B. A. Howkins & Co., S. F..... 81,275
 Chas. J. Pedersen, San Mateo..... 81,724
 N. H. Slobberg & Son, Oakland 82,500
 Emil Person, Berkeley..... 82,637
 A. Nelson, Inc., San Francisco..... 85,500
 P. T. Wallstrom, Watsonville..... 85,710
 Bids taken under advisement.

BOND ELECTION
KERN COUNTY, Calif.—Panama School District, Kern County, will hold an election April 19, at which time it is proposed to vote bonds in the sum of \$55,000, proceeds to be used to finance improvements to the Panama School. Amy B. Seibert, R. W. Loudon and H. A. Van Horn are trustees of the district. 15

CONTRACT AWARDED
LOS ANGELES, Calif.—Harry F. Miller, 7530 S. Hobart Blvd., at \$48,960, awarded general contract by Los Angeles Board of Education, for construction of a shop building at Hollywood High School, 1521 North Highland Ave. Smith & Powell, 816 W. 5th St., architects; D. D. Smith, structural engineer; E. L. Ellingwood, mechanical engineer. 15

Preparing Working Drawings
ADDITION Cost, \$.....
WALNUT CREEK, Contra Costa Co.
 Addition to Walnut Creek Grammar School.
 Owner—Walnut Creek Grammar Sch. District.
 Architect—H. H. Weeks, 593 Market St., San Francisco.

Preliminary Plans Completed
JUNIOR COLLEGE Est. Cost, \$55,000
MARYSVILLE, Yuba Co., Cal. 18th St., south end of Knight Park.
 First unit of junior college plant consisting of one-story frame and stucco building to contain six classrooms, assembly hall, property room, administration unit with principal's office and deans' offices, concrete boiler room, students' store.
 Owner—Yuba County Junior College District (C. W. Burchell, Pres. Board of Trustees).
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Completing Plans
ADDITION Est. Cost, \$6500
RIO VISTA, Solano Co., Calif.
 One-story frame addition to present shower room to consist of instructors' offices, girls' showers and visiting teachers showers.
 Owner—Rio Vista Joint Union High School District.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Preparing Working Drawings
SCHOOL Cost, \$.....
ORINDA, Alameda Co., Calif.
 One-story frame and stucco grammar school to contain four classrooms.
 Owner—Orinda School District.
 Architect—H. H. Weeks, 593 Market St., San Francisco.
 Orinda School District has voted bonds in the amount of \$30,000 to finance construction.

BOND ELECTION
ROSEMead, Los Angeles County, Cal.—Rosemead School District will hold an election, April 22, at which

time it is proposed to vote bonds in the sum of \$50,000, proceeds to be used to finance an addition to the Rio Hondo School at Marshall and Rio Hondo Aves., Rosemead. An architect has not yet been retained. 15

Preparing Plans
SCHOOL Cost, \$130,000
NEWBERG, Oregon. Sixth and College Streets.
 One-story brick veneer school bldg. (320 x 320 ft., irreg.), enclosing two courts and containing six classrooms and ten special rooms and auditorium and gym.
 Owner—Newberg Union High School District 6, R. E. Renne, Supt.; H. H. George, Chairman School Board.
 Architect—J. Laurin Reynolds, 841 Willamette Ave., Eugene.
 The school district recently voted bonds in the amount of \$163,000 to finance construction.

16—BANKS, STORES AND OFFICES

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—Henry Eissler, 2229 18th St., Bakersfield, has the contract for the erection of a 1-story and basement reinforced concrete store building 58x132 feet in area, at 19th St. and Chester Ave., Bakersfield, for the Fish Estate. Estimated cost, \$54,000. The building is designed to carry five additional stories. Charles H. Biggar, architect, 554 Haberfeld Bldg., Bakersfield. 16

START WORK SHORTLY
LOS ANGELES, Calif.—Robt. E. McKee, 1128 Central Bldg., will start work next week on the erection of a one-story and basement office building (64 x 46 ft.) at San Fernando Road and Goodwin Avenue for himself. Mr. McKee will make his local headquarters at the new location. Charles M. Hutchison, 1132 Central Bldg., is the architect. 16

Bids Opened
REMODEL BANK
OROVILLE, Butte Co., Cal.
 Remodel bank building (new counters, marble work, air conditioning system, etc.).
 Owner—First National Bank of Oroville.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Low Bidder—Taber & Higgins, P.O. Box 708, Oroville—\$16,960.
 Other bids were:
 Milo Strand \$17,675
 Chas. Unger 17,950
 E. D. Lawrence 18,375

Sub-Contracts Awarded
ALTERATIONS Cost, \$.....
ALAMEDA, Alameda Co., Cal. Central and Park.
 Alterations and additions to building.
 Owner—Commercial National Bank and Central Bldg. & Loan Assn.
 Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
 Contractor—D. W. Nicholson, 357 12th Street, Oakland.
Plumbing—The Scott Co., 113 Tenth Street, Oakland.
Electric—Alameda Electric Co., 1814 Park St., Alameda.
Sheet Metal—Atlas Heating & Ventilating Co., 1451 32nd St., Oakland.
Glass—W. P. Fuller & Co., 259 Tenth Street, Oakland.
Lumber—Smith Lumber Co. of Oakland, 19th and Estuary, Oakland.
Linoleum—Superior Tile Company, 3743 Broadway, Oakland.
Steel Sash, Bank Doors, Misc. Iron and Roller Screens—Michel and

Pfeffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco.

Preparing Plans
ALTERATIONS Cost, \$.....
FRESNO, Fresno Co., Cal. NE Fulton and Merced Streets.
 Addition of two stories and alterations to present building.
 Owner—Montgomery, Ward & Co. Plans by Engr. Dept. of Owner. Plans will be completed and bids asked the latter part of April.

Completing Working Drawings
STORE Est. Cost, \$25,000
CARSON CITY, Nevada.
 Two-story store building, with apts. and offices on second floor; steel girders and columns.
 Owner—Withheld.
 Architect—Fred Reimers, 233 Post St., San Francisco.
 Upon completion of plans, general bids will be asked.

Bids In—Held Under Advisement
BOWLING HALL Est. Cost, \$25,000
SAN MATEO, San Mateo Co., Calif. Second St. and S Ellsworth St.
 Remodel present building to provide bowling alleys, badminton court, and stores.
 Owner—Parrott Investment Co.
 Lessee—Darcy Sport Center, Inc.
 Architect—T. M. Edwards, 9 Geary St., San Francisco.

Sub Contracts Awarded
ALTER BANK Cost, \$5,870
SAN FRANCISCO. 555 Montgomery Street.
 Alter bank building.
 Owner—Bank of Canton, Ltd., Frem. Building.
 Contractor—J. Prout, 2530 Fillmore Street.
Electric Wiring—Aetna Electric Co., 1435 Eddy St.
Heating and Sheet Metal—New Mission Sheet Metal Works, 3401 Mission St.
Iron Grille Work—Ace Iron Works, 9 Decatur St.
Lumber—Acme Lumber Co., Sixth & Channel Streets.
Mill Work—Braas & Kuhn Co., 1919 Bryant St.
Hardware—Palace Hardware Co., 581 Market St.
Painting—Otto Risp, 591 Munich St.
Lathing & Plastering—Sunset Plastering Co., Inc., 2315 Lawton St.
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.
Steel Rolling Doors—Herring-Hall-Marvin Safe Co., 214 California St.

Sub Contracts Awarded
STORE BLDG. Cost, \$12,000
PALO ALTO, Santa Clara Co., Cal. 256 University Ave.
 One-story store building, Type 3.
 Owner—M. L. Pitman, Amer. Trust Co. Bldg.
 Architect—Birge & David Clarke, 310 University Ave., Palo Alto.
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
Reinforcing Steel—San Jose Steel Co., Inc., 1344 The Alameda, San Jose.
Iron Work—Independent Iron Works, 821 Pine St., Oakland.
Lumber—Mermer Lumber Co., 795 State Highway, Palo Alto.
Concrete—Rhodes & Robinson, Quarry Page Mill Road, Palo Alto.
Hollow Tile—Gladding McBean & Co., Harrison and 9th Sts., S. F.

To Be Done By Day's Work
BOWLING HALL Est. Cost, \$25,000
SAN MATEO, San Mateo Co., Calif. Second St. and S Ellsworth St.
 Remodel present building to provide bowling alleys, badminton court,

and stores.
Owner—Parrott Investment Co.
Lessee—Darcy Sport Center, Inc.,
(Thos. Kean and Jos. B. Darcy).
Architect—T. H. Edwards, 9 Geary
St., San Francisco.

Bids Wanted—To Close April 16
BANK FIXTURES, ETC. Cost, \$.....

FRESNO, Calif.
New bank fixtures and mill work at
the West Fresno Branch of the
Bank of America.
Owner—Capital Co., 625 Market St.,
San Francisco.
Plans prepared by Construction De-
partment of Owner.

Contract Awarded
STORE BLDG. Est. Cost, \$12,000
SACRAMENTO, Cal.
Grocerteria and meat market bldg.,
brick and cement stucco exterior
finish, concrete foundations
and floors, circulating heaters,
composition roof, etc.
Owner—Withheld.
Architect—Frederick S. Harrison,
Sacramento.
Contractor—C. J. Hopkinson, 1810
25th St., Sacramento.

Bids Wanted—To Close April 16
BANK FIXTURES Cost, \$.....
SANTA CLARA, Calif.
New bank fixtures and mill work at
the Santa Clara Branch of the
Bank of America.
Owner—Capital Co., 625 Market St.,
San Francisco.
Plans prepared by Constr. Dept. of
Owner.

17— THEATRES

Opening Date Postponed Until Apr.
11, 12 Noon
THEATER Cost, \$.....
EUREKA, Humboldt Co., Cal. Sixth
St., between E and F Sts.
Three-story reinf. conc. theater and
one-story store building.
Owner—Redwood Theatres, Inc. (Geo.
M. Mann, Pres.), 988 Market St.,
San Francisco.
Mgr. of Constr.—William David.
Postponed from April 6.

Contract Awarded
ALTERATIONS & ADDITIONS
SAN BRUNO, San Mateo Co., Cal.
Alterations and additions to theater,
including rebuilding of stadium;
new marquee and sign.
Owner—Golden State Theatres, Inc.,
25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St.,
San Francisco.
Contractor—Alfred J. Hopper, 1769
Pleasant Valley Ave., Oakland.

Contract Awarded
THEATER AND STORE Cost, \$.....
SACRAMENTO, Sacramento Co., Cal.
Theater and store building.
Owner—Tower Theater & Realty
Corp., 25 Taylor St., San Fran-
cisco.
Architect—Robt. C. Younger, 25 Tay-
lor St., San Francisco.
Contractor—Wm. C. Keating, 1121
24th St., Sacramento.

Sub-Contracts Awarded
THEATER Est. Cost, \$60,000
GRIDLEY, Butte Co., Calif. Spruce
and Kentucky Streets.
New theater to seat 700, to be called
The Butte Theater.
Owner—Associated Theatrical Enter-
prises.
Architect—Not Given.
Contractor—Moore and Roberts, 693
Mission St., San Francisco.
Trusses—Arch - Rib Truss Co., 605
16th St., Oakland.
Lumber—Diamond Match Co., Chico.
Plumbing—E. H. Meyer, Gridley

PLANS COMPLETED

TEMPE, Ariz.—Architects Alexander & Burton, Title & Trust Bldg., Phoenix, have completed plans for a motion picture theater to be built at Mill and Fifth Streets, Tempe, for Dwight E. Harkins, operator of the State Theater in Tempe, and Harry L. Nace, Phoenix. Estimated cost, \$20,000. Bids will be taken soon by the architects. 17

18— WHARVES & DOCKS

BIDS WANTED
LOS ANGELES, Cal.—Until April 13, 10 A. M. bids will be received by Los Angeles Harbor Commissioners, City Hall, Los Angeles, for manufacturing and driving reinf. conc. bearing piles for wharf at Berths 57-60. The items are:

- SEC. A-1—Manufacturing, transporting and driving concrete bearing piles for one-half of wharf:
- (1) 38,232 ft. making and impregnating with asphalt by vacuum pressure process reinf. conc. jacketed bearing piles, 19-21 in. sq and loading finished piles on barges;
- (2) 38,232 ft. making reinf. conc. bearing piles encased in a small impregnated concrete protective slabs, 19-22-in. sq (Alt. to No. 1)
- (3) transporting and driving either type of impregnated reinf. conc. bearing piles at Berths 57-60.

SEC. A-2—Manufacturing, transporting and driving concrete bearing piles for full length of wharf:

- (4) 74,664 ft. same as item No. 1;
- (5) 74,664 ft. same as item No. 2;
- (6) 74,664 ft. same as item No. 3.
- SEC. B-1—Manufacturing conc. bearing piles only for full length of wharf:
- (7) 38,232 ft. same as item No. 1;
- (8) 38,232 ft. same as item No. 2;
- SEC. B-2—Manufacturing conc. bearing piles only for full length of wharf:

- (9) 74,664 ft. same as item No. 3;
- (10) 74,664 ft. same as item No. 9;
- SEC. C-1—Transporting and driving either type of bearing piles.
- (12) 38,232 ft. transporting and driving either types for full length of wharf. 18

Sub-Contract Awarded
RECONSTRUCTION CO. 4, PRINCE ST., SAN FRANCISCO, Pier 50, Embarcadero.
Reconstruction of Shed A, damaged by fire last December.
Owner—State of California (Board of Harbor Commissioners), Ferry Building.
Engineer—Frank G. White, Ferry Building.
Contractor—Leo Eip, 4745 Geary St.
Steel Rolling Doors—The Kilmart Mfg. Co. of Calif., 361 Branban.

Sub-Contracts Awarded
SUB-TERRANEAN POINT OF STOCKTON, San Joaquin County, Calif.
First and sub-tunnel for water barrier, to consist of: (1) office building, warehouses, garage building, pump house, loading racks, deck and dolphins, railroad spur, dredging, grading and road work.
Owner—General Petroleum Corporation of California.
Contractor—F. C. Sloat Co., 1405 San Antonio Ave., Alameda.
Lumber—Electric Planing Mill, 545 S. Monroe St., Stockton.
Concrete—Yolland Ice & Fuel Co. 245 N. El Dorado Ave., Stockton.
Steel Sash—Michel & Pfeifer Iron Works 10th and Harrison Sts., San Francisco.

19—MISC. CONSTRUCTION

Contract Awarded
MOTEL AUTO COURT. Cost, \$24,800
ALAMEDA CO., Calif. California State Highway and Del Sur Ave. Sixteen frame and stucco units of living room, kitchen and bath, single rooms, tile showers, circulating heaters, etc.
Owner—D. E. Fohner, Oakland.
Architect—Frederick S. Harrison, Sacramento.
Contractor—J. F. Butts, 1314 Del Paso Blvd., Sacramento.

PREPARING PLANS
LAGUNA BEACH, Los Angeles Co., Cal.—Architect Aubrey St. Clair, 1191 Coast Blvd. South, is preparing plans for an outdoor stage to be built at the amphitheater on Canyon Road, Laguna Beach, for the Festival of Arts. 19

Being Done By Day's Work
SWIMMING POOL Cost, \$30,000
HANFORD, Kings Co., Cal.
Municipal swimming pool of reinforced concrete construction (50x110 feet), lockers and dressing rooms, showers, flood lights.
Owner—City of Hanford.
Architect—David H. Horn, Rowell Bldg., Fresno.
WPA project.

BIDS WANTED
SACRAMENTO, Cal.—Until April 12, 10:30 A. M. bids will be received by the Signal Office, Ninth Corps Area, Col. O. S. Albright, Presidio, 341 Francisco, under Bid No. CP-108-SC-38 18, for the installation of a 25 pair 19 gauge subterranean cable in the vicinity of the Air Depot, Sacramento.
Plans and specifications may be obtained from the above office.

BIDS OPENED
WHELAN COUNTY, Wash.—Fritz Ziebarth, 408 Security Bldg., Long Beach, Calif., at (1) \$146,230 submitted second low bid and was recommended for award by the Inland Empire Rural Electrification, Inc., 511 Ziegler Bldg., Spokane, for the construction of Unit 3 of distribution line.

Bids were taken on: (1) ACSR aluminum wire; (2) copperweld wire.
Total bids follow:
Fritz Ziebach, 808 Security Building, Long Beach, Calif., (1) \$146,230; (2) \$151,833.
Homer Johnson, Portland, (1) \$146,030; (2) \$152,933.
Wayne Burnaby, Spokane, (1) \$148,329; (2) \$161,292.
Ivan M. Dwyer, Worland, Wyo., (1) \$153,206; (2) \$158,353.
Newport, Kern & Kibbe, Portland, (1) \$155,225.
Donovan Const. Co., St. Paul, submitted a partial bid on (1) at \$45,864.

Fritz Ziebarth has contract for construction of Unit 2 of this project. 19

Low Bidder
REMODEL MORTUARY CO., \$.....
OAKLAND, Alameda Co., Calif. 1445 Fifth Avenue.
General remodeling of present bldg.
Owner—Anchor and Co., Andker and Peterson, 1445 4th Ave., Oakland.
Architect—Albert Froberg, 1955 Webster St., Oakland.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.
(6070) 1st rep. Mar. 7; 3rd, April 1, 1938. 19

BIDS WANTED
QUINAULT, Grays Harbor County, Wash.—Until April 12, 10 a.m., bids

be received by the Quinault
at Company, Fred H. Nichols,
retary, Quinault, for construction
hydro-electric generating plant
rural electric distribution sys-
Project 23, Grays Harbor, Gen-
erating plant will include log crib-
and intake, wood and steel pipe
and penstock, concrete power
se, installation of machinery and
equipment purchased under separate
tract.
Plans and specifications may be
ained from Engineers Baar &
ingham, 414 Spaulding Building,
land, upon deposit of \$5.00. * 19

OS OPENED
PORTLAND, Ore.—Lake Washing-
Shipyards, Houghton, Wash., at
7,900, submitted low bid to the U.
Engineer Office, District Engineer,
Pittcock Block, Portland, Oregon,
Bid No. 698-38-382, for con-
ducting and delivering one single
ew diesel driven dredge tender,
oat at Government Moorings, No.
0 NW St. Helens Road, Portland,
egon. Contracting officer's esti-
ate, \$98,545.

Total bids follow:
Lake Washington Ship-
yards, Houghton, Wash. \$127,900.00
Union Dry Dock &
Mach. Works, Seattle..... 128,300.00
Inslow Marine Railway
& Ship Building Co.,
Seattle 130,822.22
Commercial Iron Works,
Portland, Oregon 131,278.00
Astoria Marine Constr.
Co., Astoria, Ore. 133,500.00
Martinolich Ship Building
Co., Tacoma 139,750.00
* 19

CONTRACT AWARDED
LEWISTON, Idaho.—Homer G.
Johnson, Imperial Hotel, Portland, at
\$6,737 (3), submitted low bid and
as awarded contract by the Clear-
water Valley Light & Power Assoca-
tion, T. C. Smith, Engineer, for
construction of 150 miles rural elec-
trification line in northern part of
atah, Benewah and part of Whit-
man Counties.

Bids were taken on:
(1) Copperweld; (2) HD copper; (3)
ACSR.

Total bids were:
Homer G. Johnson, Imperial Hotel,
Portland—(1) \$144,949; (2) \$142,915;
(3) \$136,737.
Fritz Ziebarth, Long Beach—(1)
\$143,859; (2) \$143,221; (3) \$140,741.
J. C. Roberts, Spokane—(1) \$150,-
44; (2) \$151,258; (3) \$147,565.
Bennett & Taylor, Los Angeles—
(1) \$155,706; (3) \$154,809.
NePage McKenny Co., Seattle—(1)
\$157,362; (2) \$153,519; (3) \$152,165.
Newport, Kern & Kibbe, Portland—
(1) \$162,634; (2) \$162,147; (3) \$160,-
71.
Wayne - Burnaby, Spokane—(1)
\$167,547; (2) \$167,454; (3) \$161,288.
* 19

BIDS WANTED
SKAGIT COUNTY, Wash.—Until
April 21, 10 A. M., bids will be re-
ceived by the Board of Public W'ks,
690 County-City Building, Seattle, for
stringing about 700 miles of trans-
mission line conductor on Skagit
Transmission Line No. 2.
Plans and specifications may be
obtained from the City Light Engi-
neering Division, 3rd and Madison
Sts., Seattle, upon the deposit of \$5.
19

20—MISC. SUPPLIES AND MATERIALS

April 7, 1938.
CONTRACT AWARDED
BERKELEY, Alameda Co., Calif.—

W. H. Larson, 6015 Chaboly Terrace,
Oakland, was awarded contract by
the Berkeley City Council, Florence
Turner, City Clerk, City Hall, for
furnishing 1000 tons plant-mix sur-
facing. W. H. Larson's bid was \$3.48
per ton delivered in trucks, and \$3.78
per ton delivered on street.

Previously reported that the con-
tract was awarded to H. H. Larson
Co., 64 South Park, San Francisco,
which was an error. * 20
April 7, 1938.

BIDS WANTED
YONTVILLE, Napa Co., Cal.—
Until April 19, 10 a.m., bids will be
received by the State Bureau of Pur-
chases, 319 State Capitol, Sacramen-
to, for furnishing builders' hardware
for Barracks No. 7; f.o.b. Yountville,
Calif., in accordance with specifica-
tions and schedule, copies of which
may be obtained at the above ad-
dress. * 20

BIDS WANTED
PHOENIX, Maricopa Co., Ariz.—
Until April 13, 10 a.m., bids will be
received by the Phoenix City Man-
ager, H. S. Walsh, for 15,000 feet of
2-in. to 8-in. class 100 pipe in car-
load lots, with misc. fittings and
valves. * 20

April 7, 1938.
CONTRACT AWARDED
SAN FRANCISCO, Calif.—Western
Asbestos Co., 675 Townsend St., San
Francisco, at \$410.48, submitted low
bid and was awarded contract by the
U. S. Engineer Office, Lt.-Col.
J. A. Dorst, District Engineer, 401
Custom House, San Francisco, under
Bid No. 868-38-114, for furnishing
2800 sq. ft. of asphalt expansion
joint filler; f.o.b. Battery Davis, Ft.
Funston, San Francisco.

Total bids follow:
Western Asbestos Co., 675 Town-
send St., San Francisco—\$0.0733 per
sq. ft.; total \$410.48; 2% 10 days.
Johns-Manville Sales Corp., San
Francisco—\$0.085 per sq. ft.; total
\$476; 2% 10 days.
Williams Wallace Co.—\$0.1029 per
sq. ft.; total \$576.24; net. * 20

BIDS WANTED
FORT HUACHUCA, Ariz.—Until
April 11, bids will be received by the
Quartermaster, Fort Huachuca, for
furnishing bolts, iron bars, steel pipe,
lock washers, welding rods, nipples,
Y's, elbows, couplings, unions, plugs,
bushings, washers, faucets, S and P
traps, cocks, cast iron pipe, steel
sheets, solder, waste and overflows,
floor drains, elbows, rubber-covered
vies, galvanized steel conduit, cable
cord, water heaters, crossarms, bush-
ings, transformers, insulators, switch-
es; Proposal 404-56. * 20

CONTRACT AWARDED
LOS ANGELES, Calif.—P. J. Ak-
madzich at \$51,000 was awarded con-
tract by U. S. Engineer, Los Angeles,
for 30,000 tons of stone spalls or
crushed rock not to exceed 6-inches
diameter, for use in bank protection
work on Los Angeles River between
Mariposa St. and Dayton Ave. Circ.
Prop. 350. * 20

CONTRACT AWARDED
SAN FRANCISCO—C. F. Bulotti
Machinery Co., 829 Folsom St., San
Francisco, at \$7.93 pair, 2% 15 days,
awarded contract by the Purchaser
of Supplies, T. A. Brooks, Room 270,
City Hall, under Bid No. 1979, for
furnishing 100 pairs 4 1/2-in. by 10-in.
high axle bearings for the Municipal
Railway. * 20

BIDS OPENED
GRAND COULEE DAM, Wash.—
Following submitted bids to the Bu-

reau of Reclamation, Denver, under
Spec. No. 1047-D, for furnishing and
delivering fabricated pipe, fittings,
valves and appurtenances for the
Grand Coulee Dam, Columbia Basin
Project, Wash.; for shipping point
and/or Odair, Wash. Materials will
be installed by the Government.

Bids were:
The R. Hardesty Mfg. Co., Denver:
(3) \$33,014; wt. 498,000; fob Middle-
town, Ohio; (4) \$405.60; wt. 2910, fob
Denver; 1/2%.

Standard Sanitary Mfg. Co., Den-
ver: (1) \$44,576, wt. 173,000, Comb.
1 to 6 inc., \$239,648, fob Ft. Wayne,
Ind.; (2) \$45,650, wt. 163,720; (6) \$97,-
231, wt. 340,000; fob Chicago; (3) \$55,-
705, wt. 511,663; (4) \$495, wt. 2000;
fob Pustsburgh, Pa.; (5) \$155,549,
wt. 38,000; fob Odair, Wash.; 2%.

The Chapman Valve Mfg. Co., In-
dian Orchard, Mass.: (1) \$43,641, wt.
143,000; net; fob Indian Orchard.

Power Piping Div. of Blaw-Knox
Co., Pittsburgh, Pa., (2) \$52,350, wt.
288,000; (6) \$93,500, wt. 543,500; 2%;
fob Pittsburgh.

The Greene-Wolfe Co., Inc. Brook-
lyn, N. Y.: (1) \$67,500, wt. 140,500;
(5) \$20,560; (1) \$66,535, wt. 140,500;
\$62,883, wt. 140,500; 2%; fob Odair.

Bethlehem Steel Co., Bethlehem,
Pa.: (3) \$41,900, wt. 520,000; net; fob
Leetsdale, Pa.

Treadwell Const. Co., Midland, Pa.,
(3) \$35,488, wt. 542,000; net; fob Mid-
land.

Chapman Valve Mfg. Co., Spring-
field, Mass.: (1) \$46,971, wt. 145,000;
net; fob Indian Orchard, Mass.

Southern Pipe & Casting Co., Azusa,
Calif., (3) \$49,499.10, wt. 559,300; net;
fob Los Angeles.

Midwest Piping & Supply Co., Inc.,
St. Louis, Mo.: (2) \$54,904, wt. 201,-
400; (3) \$37,905, wt. 50,955; (4) \$433.
wt. 3,200; (5) \$93,406, wt. 561,157;
Comb. 2, 3, and 6, \$182,415; Comb. 4
and 5, \$18,695, fob St. Louis; (5) \$18,-
193; wt. 37,300, fob Odair; 2%.

Crane-O'Farron Co., Denver: (1)
\$69,775, wt. 169,263; (3) \$60,982, wt.
44,600; (4) \$47,403, wt. 511,100; (4)
\$499, wt. 2445; (5) \$19,595, wt. 31,-
000; (6) \$98,040, wt. 594,661; Comb.
1 to 6 inc., \$280,500; 2%; fob Odair.

Koppers Co., Western Gas Div.,
Ft. Wayne, Ind., (1) \$39,092, wt. 178,-
000; net; fob Ft. Wayne.

California Steel Products Co., San
Francisco: (2) \$39,498, wt. 267,800;
(3) \$43,472, wt. 563,600; (4) \$299, wt.
2750; net; fob San Francisco.

The Wm. Powell Co., Cincinnati,
Ohio, (1) \$62,922, wt. 158,200; 2%; fob
Odair.

John W. Beam, Denver, (1) \$65,-
052, wt. 153,000; (5) \$19,598, wt. 37,-
000; Comb. 2 and 3, \$108,500; fob
Odair; (2) \$58,500, wt. 250,000; (3)
\$50,500; wt. 545,000; Comb. 1, 2, 3, 4
and 5, \$193,500; fob Chicago; 1/2%.

Jenkins Bros., New York: (1) \$63,-
607, wt. 43,200; 2%; fob Odair.

Noland Brothers, Inc., Washington
D. C.: (1) \$67,536, wt. 141,400; (5)
\$20,565, wt. 30,354; (1) \$66,594.96, wt.
141,400; (1) \$62,918.10, wt. 141,400; 2%
fob Odair.

Associated Piping & Engr. Co., Ltd.
Los Angeles: (4) \$73, wt. 3200; 1/2%;
fob Los Angeles; (6) \$98,215, wt.
603,300; fob Odair.

Southwest Welding & Mfg. Co., Al-
hambra, Calif., (3) \$37,274, wt. 545,-
000; (4) \$492, wt. 3500; 1/10; fob Al-
hambra.

EmSCO Derrick & Equip. Co., Los
Angeles: (2) \$34,511, wt. 240,000; (3)
\$51,720, wt. 520,000; net; fob Los An-
geles.

Western Pipe & Steel Co. of Cal.,
San Francisco: (2) \$51,800, wt. 280,-
000; (2) \$43,000, wt. 260,000; (3) \$42,-
886, wt. 525,000; (4) \$623, wt. 2268;
net; fob South San Francisco; (5)
\$20,684, wt. 31,400; fob Odair.

Consolidated Supply Corp., Port-
land: (1) \$65,052, wt. 153,000; (2) \$51-

151, wt. 259,530; (3) \$46,115, wt. 508,885; (4) \$483, wt. 2260; (5) \$19,598, wt. 37,300; (6) \$106,303, wt. 597,885; Comb. 1 to 6 inc., \$278,813, fob Odair; 2%.

Grinnell Co. of the Pacific, Los Angeles, (1) \$66,933, wt. 141,400; fob Odair; (2) \$73,000, wt. 275,000; (3) \$30,000, wt. 680,000; (6) \$122,000, wt. 660,000; fob Warren, Ohio; (4) \$665, wt. 3000; fob Cleveland, Ohio; 2%.

Beall Pipe & Tank Corp., Portland, Ore.; (3) \$39,440, wt. 537,500.

The Grimes Pipe & Supply Co., Denver, (1) \$63,100, wt. 153,000; (2) \$49,600, wt. 259,530; (3) \$44,725, wt. 508,885; (4) \$467,500, wt. 2260; (5) \$18,618.10, wt. 37,300; (6) \$103,100, wt. 597,885; Comb. 1 to 6 inc., \$269,800; 2% fob Odair.

Geo. B. Limbert & Co., Chicago; (1) \$65,052, wt. 153,000; (5) \$19,598, wt. 37,000; fob Odair; (2) \$44,058, wt. 229,300; (3) \$36,591, wt. 508,000; (4) \$480, wt. 2250; (6) \$84,085, wt. 504,500; Comb. 1 to 6 inc., \$234,000; fob Chicago; net.

The Smolensky Valve Co., Inc., Cleveland, Ohio, and Provo Foundry and Machine Co., Provo, Utah, submitted incomplete bids. * 20

CONTRACT AWARDED

CENTRAL VALLEY PROJ.—Worden-Allen Co., Milwaukee, Wis., at \$26,751 was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1037-D, for furnishing and delivering materials for one steel warehouse building at Shasta Dam, Central Valley Project. * 20

CONTRACT AWARDED

DENVER, Colo.—Carnegie-Illinois Steel Corp., Denver, at \$45,465.47 was awarded contract by the Bureau of Reclamation Purchasing Agent, Denver, under Bid No. 24,608-A, for furnishing steel sheet piling for the Gila Project, Ariz. * 20

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—H. H. Larson Co., 64 South Park, San Francisco, was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, for furnishing 1,000 tons plain mix surfacing.

H. H. Larson Company submitted a bid of \$3.48 per ton delivered in trucks, and \$3.78 per ton delivered on street. * 20

BIDS OPENED

SAN FRANCISCO.—California Wire Cloth Co., 1245 Howard Street, San Francisco, at \$1596.50 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1952, for furnishing and delivering chain link fence and accessories.

Total bids follow:
California Wire Cloth Co., 1245 Howard St., San Francisco, \$1596.50; 5 days delivery.

Anchor Post Fence Co., 1623.28; five days delivery.

Standard Fence Co., \$1648; 15 days delivery.

Wickwire Spencer Steel Co., \$1848.85, 10 days delivery. * 20

BIDS OPENED

SAN FRANCISCO.—Geo. T. Gerhard Co., Ltd., 1129 Howard Street, San Francisco, at \$718, 2% 10 days, submitted low bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1951, for furnishing 200 galv. iron garbage cans for the school department.

Total bids follow:
Geo. T. Gerhard Co., Ltd., 1129 Howard St., San Francisco, \$718; 2% 10 days.

W. R. Ames Co., \$725, 2% 10 days.

Rees Blow Pipe Mfg. Co., \$735; net.

Dept. of Public Works, Bureau of Bldg. Repair, \$516; net.
Dunham, Carrigan and Hayden Co., \$1160; net. * 20

BIDS WANTED

KERN COUNTY, Cal.—Until Apr. 13, 8 p.m., bids will be received by the Rosemead Union School District, Kern County, for materials and equipment to be used in the construction of a school building in the Rosemead district, a WPA project. Information is available at the office of the school and at the office of Perrine & Mackie; Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles. The supplies needed are: 1275 machine bolts, 1/2 in. to 3/4 in.; 1 lot plumbing supplies; 700 pounds malleable washers; 1 lot electric supplies; 100 tons sand; 100 tons gravel; 1500 sacks cement; 1 lot lumber; 60 squares tin roofing; 1 lot millwork; 60 squares tile roofing; 60 squares roofing felt; 3700 lbs. nails; 1 lot structural steel; 5000 lbs. reinf. steel; 300 sacks plastic sacks stucco; 1 lot plumbing fixtures; 1 lot galv. corr. culvert pipe; 100 sq. yds. plaster lath; 1 lot cast stone; 25 rolls stucco netting. * 20

BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., under Bid No. 1208, for furnishing five galv. iron gasoline underground storage tanks; (2) fob bidder's shipping point; (2) fob Weaverville.

Total bids were:

Boiler Tank & Pipe Co., Oakland—(1) \$285; (2) \$355; 2% 10 days.

Independent Iron Works, Oakland—(1) \$290; 1/2 of 1% 10 days.

Walter R. Cole & Co., Oakland—(1) \$300; 2% 10 days; 1% 20 days; 1/2% 30 days.

Saracco Tank & Welding Co., Ltd., San Francisco—(1) \$303.50; (2) \$355; net.

Montagne Pipe & Steel Co., San Francisco—(1) \$322.50; 3/2 of 1% 10 days.

Rheem Mfg. Co., Richmond—(1) \$332.25; (2) \$375.75; 2% 10 days.

Western Pipe & Steel Co. of Cal., San Francisco—(1) \$294; (2) \$350.10; 2% 10 days.

Service Station Equip. Co., San Francisco—(1) \$303.75; (2) \$353.52; 2% 10 days. * 20

BIDS OPENED

BOULDER CANYON PROJ.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1044-D, for furnishing and delivering twelve 15 1/2-in. diam. butterfly valves for installation in Boulder power plant, Boulder Canyon Proj.; for shipping point and/or Boulder City, Nev. Butterfly valves will be installed by the Government.

Bids were:

Joshua Hendy Iron Works, San Francisco, \$24,515; wt. 40,000 lbs.; net; fob Sunnyvale.

Koppers Co., Western Gas Division, Ft. Wayne, Ind., \$23,800; wt. 36,000; net; fob Fort Wayne.

H. P. Gazzam Machine Co., Pittsburg, Pa., \$23,472, wt. 45,500; 1/2%; fob Pittsburg.

Hardie-Tynes Mfg. Co., Birmingham, Ala., \$20,500, wt. 46,500; net; fob Birmingham.

Baldwin-Southwark Corp., Philadelphia, \$39,500; wt. 40,000; net; fob Edinboro, Pa.

Manitowoc Shipbuilding Co., Manitowoc, Wis., \$21,300; wt. 42,000; net; fob Manitowoc.

Commercial Iron Works, Portland, Ore., \$19,748; wt. 34,000; 1/2%; fob Portland.

Valley Iron Works, Yakima, Wash., \$18,631; wt. 36,500; 5% fob Yakima.

Foots Bros. Gear & Machine Corp., Chicago, \$22,125; wt. 31,000; net; fob Chicago.

Smith Corp., dba General Iron and Steel Works, Portland, Oregon, \$26,950; wt. 36,131; net; fob Portland. * 20

BIDS OPENED

SACRAMENTO AIR DEPOT.—Patent Scaffolding Co., 270 13th St., San Francisco, at \$940, submitted low bid to the Quartermaster, Sacramento Air Depot, for furnishing steel flag pole.

Total bids follow:

Patent Scaffolding Co., 270 13th St., San Francisco, \$940.00.

Tapur Tub Pole Co., S. F., \$72.75.

Baartol Company, \$118.00.

Waller Bros., Inc., New York, \$1150.00. * 20

BIDS WANTED

MOFFETT FIELD, Calif.—Until April 20 bids will be received by the Purchasing and Contracting Officer, Moffett Field, under Proj. No. 521-20 for furnishing 64,600 gallons of slow curing road oil. * 20

BIDS OPENED

OAKLAND, Cal.—Joe Catucci, 1212 18th St., Oakland, at \$67 per ton submitted low bid to the Oakland City Council, W. W. Chappel, City Clerk, City Hall, for furnishing 4000 tons of base aggregates.

Total bids follow:

Joe Catucci, 1212 18th St., Oakland, \$67.

Ariss-Knapp Co., Oakland, \$74.

Superior Rock Company, \$119. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappel, City Clerk, City Hall, for furnishing cable.

Bids were taken on:

(1) 16,142 ft. 14 conductor cable;

(2) 8,600 ft. 16 conductor cable;

(3) 24,000 ft. 6 conductor cable.

Bids were:

Graybar Elec. Co., Oakland—(1) \$5859.54; (2) \$1178.20; (3) \$1824.

General Cable Corp., Emeryville—(1) \$5859.54; (2) \$1178.20; (3) \$1824.

Electric Corp., Oakland—(1) \$5,859.54; (2) \$1178.20; (3) \$1824.

American Automatic Elec. Sales Co., S. F.—(1) \$5859.54; (2) \$1178.20; (3) \$1824.

Western Electric Co., Inc., Oakland—(1) \$5859.54; (2) \$1178.20; (3) \$1824.

General Electric Supply Corp., Oakland—(1) \$5859.54; (2) \$1178.20; (3) \$1824.

Kanecott Copper Co., S. F.—(1) \$5875.10; (2) \$1270; (3) \$3240.

John A. Roebeling's Sons Co. of Calif., S. F.—(1) \$6133.96; (2) \$1247; (3) \$1824.

Kellogg Switchboard & Supply Co., S. F.—(1) \$6133.96; (2) \$1247; (3) \$1824.

Maydwell & Hartzell, Inc., S. F.—(1) \$5875.10; (2) \$1270; (3) \$3240. * 20

AMERICAN AUTOMATIC ELECT. SALES CO., S. F.—(1) \$5859.54; (2) \$1178.20; (3) \$1824.

SAN FRANCISCO CO. PERMITS UNDER \$1000

FIRE Wall bracing, \$50; 237 First St.; owner, Associated Ink Corp. permits; contractor, James H. Hjul, 128 Russ St.

FLUE, \$25; N. Balboa 109 E 18th Ave.; owner, Mr. Lindgren, NE 18th Ave. and Balboa; contractor, Beaumont Furnace Co., 4811 Geary Blvd.

ALTER dwelling, \$140; 2037 20th Avenue; owner, Anna Schwegal, 503 Rhode Island St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news items in this section are classified as follows:

- 1.—Bridges
- 2.—Dredging, Harbor Works, Excava.
- 3.—Irrigation Proj.
- 4.—St. Light. Systems
- 5.—Machinery and Equipment
- 6.—Railroads
- 7.—Fire Alarm Sys.
- 8.—Fire Equipment
- 9.—Streets & Highways
- 30.—Reactors and Dams
- 31.—Pipe Lines and Wells
- 32.—Sewers & Sewage Disposal Plants
- 33.—Water Works
- 34.—Parks & Play grounds
- 35.—Tunnels

BRIDGES

BIDS WANTED
TULARE COUNTY, Calif.—Until April 25, 10 A. M., bids will be received by the State Division of Highways, R. M. Gillis, District Engineer, District VI, State Highway Building, Fresno, for widening four concrete bridges between Tulare and Wasilla, Tulare County. Plans and specifications may be obtained from the above office.

DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED
CORONADO, San Diego Co., Calif.—Airport Dredging Co., 106 E. C St., Wilmington, at \$12,000, submitted low bid and was awarded contract by the Coronado City Council, Fred Johnson, City Manager, for dredging channel in Glorietta Bay, 200 feet deep, depositing the spoil on the sand adjacent to Silver Strand.

Bids were taken on:
 1) Dredging channel 200 feet wide, depositing spoil off Glorietta Pt.;
 2) Same, depositing spoil on sand pit adjacent to Silver Strand;
 3) Width of channel contractor will excavate for \$12,000, depositing spoil off Glorietta Point;
 4) Same, depositing spoil on sand pit adjacent to Silver Strand.

Bids were:
 Newport Dredging Co., Wilmington—(1) \$12,000; (2) \$12,000; (3) 200 feet; (4) 200 feet.
 San Francisco Bridge Co.—(1) \$19,000; (2) \$20,000; (3) 110 ft.; (4) 100 ft. * 22

CONTRACT AWARDED
SANTA BARBARA, Calif.—Standard Dredging Corp., 325 Central Bldg., Los Angeles, at \$130,500 was awarded contract by the U. S. Engineer, Los Angeles, for dredging 580,000 c.y. Santa Barbara Harbor and depositing the dredged material along 600 feet of beach. Circ. Prop. 318. * 22

BIDS WANTED
SAN PEDRO, Los Angeles Co., Calif.—Until April 26, 11 A. M., bids will be received by Lt.-Comdr. L. N. Moeller, Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8658, for construction of a timber seaplane runway at the Eleventh Naval District (Fleet Air Base) San Pedro.

Work consists of the provision of materials for and the construction of an inclined creosoted timber seaplane runway, 40-feet wide extend-

ing outboard over and into the water, a distance of approximately 182 feet, and about 6,000 c.y. of dredging in connection with the installation of the runway. Work on the runway includes creosoted timber piles supporting creosoted timber caps, deck planking, stringers, guard rails, etc., all secured together and to the timber piles with galv. straps, bolts, spikes and miscellaneous iron work. Plans and specifications may be obtained from the above office upon the deposit of \$10. * 22

BID CALL CANCELLED
SAN FRANCISCO—The Public Utilities Commission, Room 287, City Hall, has cancelled the call for bids under Contract No. 44, for constructing earth and rock fill at the San Francisco Airport. Bids were called for April 7. New bid opening date will be published in about 10 days. * 22

24—STREET LIGHTING

April 7, 1938.
CONTRACT AWARDED
YERBA BUENA SHOALS—General Electric Co. was awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, for 9000 floodlights. * 24

25—MACHINERY AND EQUIPMENT

BIDS WANTED
ALAMEDA, Alameda Co., Calif.—Until April 19, 8:15 P. M., bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, for furnishing one 1-ton cab steel body pick-up truck for the Alameda City Pound. Plans and specifications may be obtained from the above office. * 25

BIDS WANTED
SANTA BARBARA and San Luis Obispo Cos., Calif.—Until April 11, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the rental of three 3½-c.y. (or more) dump trucks for approximately 30 days use in Santa Barbara and San Luis Obispo Counties. Bids must be submitted on proposal sheets obtainable at the above office. * 25

Capital City
 Title Company

•

JAMES E. BANCROFT
 Manager

•

801 J Street
 Sacramento : California

BIDS OPENED

SAN BERNARDINO, Cal.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quo. No. 52816, Reg. No. 1619, for (1) one 10-ft. pneumatic-tired, single-drive, Diesel-powered motor grader, with scarifier, f.o.b. San Bernardino; (2) Alternate with cab equipped with glass windshield and removable glass panels at side and rear; (3) Allowance on turn-in of Spearwell Case grader tractor.

Bids were:
 Smith Booth Usher Co., L. A.—(1) \$5500, (2) \$5550, (3) \$600; 2% 30 da.
 Weaver-Rye Tractor Co., Sacramento—(1) \$4326.20, (2) \$4378.70, (3) \$1091.95; \$50 disc. 30 days.

Crooks Co., Los Angeles—(1) \$5,217.12, (2) \$257.12, (3) \$1100; net.
 Brown-Beris Equipment Co., Los Angeles—(1) \$4600, (2) \$4725, (3) \$745; 2% 30 days.
 LeRoy Rix Co., Los Angeles—(1) \$5222, (2) \$5777, (3) \$800; net.

J. D. Tucker, Sacramento—(1) \$5,200, (2) \$5250, (3) \$400; 2% 30 days. * 25

BIDS WANTED

SACRAMENTO, Calif.—Until April 15, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing gasoline-electric generating sets for use at Camp Sacramento. Plans and specifications may be obtained from the above office.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to the Dept. of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of equipment, as follows:

- (1) 1 to 4 truck shovels, with minimum capacity 4/10 c.y.;
- (2) 1 or more 4-c.y. dump trucks;
- (3) 1 or more 2-c.y. dump trucks;
- (4) 1 or more ½-ton expresses.

All equipment must be completely serviced, equipped and manned. Split bids will not be accepted.

Bids were:
 C. E. Huls, Merced—(1) \$4.00; (2a) \$2.90, (2b) \$2.40, (2c) \$2.65; (3a) \$1.75, (3b) \$1.55, (3c) \$1.65; (4) \$1.15.
 McReynolds Trucking Co., Oakland—(1) \$3.95; (2a) \$2.90, (2b) \$2.40, (2c) \$2.65; (3a) \$1.75, (3b) \$1.55, (3c) \$1.65; (4) \$1.50.

The bids of the Portola Truck Service, San Francisco, and C. W. Beuhel, Millbrae, were irregular. * 25

BIDS OPENED

MONTEREY CO., Cal.—A Soda & Son, 5231 Grove St., Oakland, at \$4.23 per hour, submitted low bid to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of one 48-hp. tractor with angledozer, for 70 days' use in Monterey County.

Total bids follow:

	Per Hr.
A. Soda & Son, 5231 Grove St., Oakland	\$4.23
F. A. Brisco, Arroyo Grande	4.45
Santa Barbara Crane Service	4.50
Santa Barbara	4.60
The Price Co., Santa Monica	4.65
Galen Smith, Paso Robles	4.74
C. E. Lambert, Santa Barbara	4.77
H. F. Griffiths, Salinas	6.00
John Jurkovich, Fresno	6.75
Geo. J. Bock Co., L. A.	25

April 7, 1938.

BIDS WANTED

SAN BERNARDINO, Cal.—Until April 11, 2 p.m., bids will be received by the State Highway Dept., 247 3rd St., San Bernardino, for the rental of track type Diesel or gas tractors with bull- or angledozers, together with tractor drivers, for use in District VIII, San Bernardino and Riverside counties. It is estimated that the work to be performed will require rental in an approximate amount of \$5000 for each unit of equipment specified. Total number of tractors required are: three 75-hp., one 56-hp., and one 46-hp.

Items are:

75-HP. TRACTORS

(Year Models of 75-hp. tractors prior to the year 1937 will not be accepted.)

- (1) one Diesel or gas-powered track type tractor, with angle or bulldozer, including driver. Capacity: minimum of 75 drawbar sp.; operating rate;
- (2) one Diesel or gas-powered track type tractor, with angle or bulldozer, including driver. Capacity: minimum of 75 drawbar hp.; operating rate;
- (3) one Diesel or gas-powered track type tractor, with angle or bulldozer, including driver. Capacity: minimum of 75 drawbar hp.; operating rate;
- (4) stand-by rental rate per hour for each 75-hp. tractor under Items 1, 2 and 3;
- (5) transportation to and from San Bernardino for each of the 75-hp. tractors under items 1, 2 and 3 (flat price; round trip);

56-HP. TRACTOR

- (1) one Diesel or gas-powered track type tractor, with angle or bulldozer, including driver. Capacity: minimum of 56 drawbar hp.; operating rate;
- (2) stand-by rental rate per hour for one 56-hp. tractor;
- (3) transportation to and from San Bernardino for one 56-hp. tractor (flat price; round trip);

46-HP. TRACTOR

- (1) one gasoline or Diesel-powered track type tractor of 46-hp. minimum drawbar capacity, with angle or bulldozer, together with driver; operating rate;
- (2) stand-by rental rate per hour for one 46-hp. tractor;
- (3) transportation to and from San Bernardino for 46-horsepower tractor, bulldozer and driver (flat price; round trip);

NOTE: No bids will be accepted unless on form prepared by the state and which is obtainable only at the State Highway Dept., San Bernardino. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for lease of a quarry site on a royalty basis for nine months, estimated quantity 250,000 tons, opened by the U. S. Engineer, Los Angeles, under Circ. Prop. 398, were:

- L. A. Mountain Park Co., \$0.10 ton, \$25,000; Santa Ynez Canyon.
Alfonzo E. Bell Corp., \$0.10 ton, \$25,000; near intersection Sepulveda Blvd. and Mulholland Way.
John H. Jeffries, \$0.10 ton, \$25,000; 5 miles north of First National Studio bridge across L. A. River.
A. J. Kneppel, \$0.09, \$22,500; Little Tujunga Canyon.
Minnis & Moody (1% 10 da), \$0.135 ton, \$33,750; between Verdugo City and Sunland.
Geo. H. Johnson, \$0.08 ton, \$20,000; San Fernando Valley.
Arthur O. Garrett (1% 10 da), \$0.12 ton, \$30,000; La Tuna Canyon.

Ray Schweitzer (1/4 of 1% 10 da), (1) \$0.145 ton, \$36,250; (2) \$0.14 ton, \$35,000; Bon-Air Hills, 1/2 mile south of Sunland.

Earl E. Jensen, \$0.15 ton, \$37,500; Verdugo Woods Estates.

James M. Bonner, Jr. (disc. 1% 20 da), location A, \$0.075 ton, \$18,750; location B, \$0.10 ton, \$25,000; NE side Beaudry Mtn., between Dunsuir and Honolulu Ave.

James P. Berne, \$0.12 ton, \$30,000; Verdugo Mts., Montrose.

C. C. Horton, \$0.125 ton, \$31,250; 1/4 mile north of Oakmont Club.

Pacific Rock & Gravel Co. (disc. 1% 20 da), \$0.145 ton, \$36,250; near Monrovia. 25

BIDS OPENED

ORANGE COUNTY, Cal.—Bids for rental of equipment for transportation of heavy equipment in Orange county, opened by the State Highway Department, Los Angeles, are:

Mojave Corp.: 14 ton, \$5.00 and \$3.50; 14 to 24 ton, \$5.50 and 3.50; low bed trailer equipment, 14 tons, \$5.50 and \$4.00; low bed over 4 tons to 24 tons, \$6.00 and \$4.00; 24 tons to 40 tons, \$7 and 4. Bid qualified may be irregular.

A. L. Foster: low bed equipment, 14 ton max., \$5.50 and \$5.50; 14 to 24 tons, \$6.00 and \$6.00; 24 to 40 tons, \$7.00 and 7.00.

Belyea Truck Co.: bid qualified; may be irregular: 14 ton max., \$4.50 and \$3.00; 14 to 20 tons, \$5 and 3; low bed, 14 ton net load, \$5.50 and \$1.00; 14 to 24 ton, \$6 and 4; 24 to 40 ton, \$7 and 4; over 40 ton, \$8 and 4. 25

BIDS OPENED

SAN BERNARDINO, Cal.—Bids for rental of track type full Diesel and gasoline tractors with bull or angledozers of 12-ft. minimum length, with drivers, for use in San Bernardino and Riverside counties, were opened by State Highway Department, San Bernardino.

The items were:

GROUP I—Full Diesel 95-hp. tractors (3 required):

- (1) full Diesel powered track type tractor with angle or bulldozer, including driver; minimum capacity, 95 drawbar hp.;
- (2) and (3) same as above;
- (4) transportation to and from San Bernardino for each of the 95-hp. tractors under items 1, 2 and 3; flat price; round trip;
- (5) stand-by rental rate per hour for each 95-hp. tractor.

GROUP II—Full Diesel 75-hp. tractors (2 required):

- (1) full Diesel powered track type tractor with angle or bulldozer, including driver; minimum capacity, 75 drawbar hp.;
- (2) same;
- (3) transportation to and from San Bernardino for each 75-hp. tractor;
- (4) stand-by rental rate per hour for each 75-hp. tractor.

GROUP III—Gasoline or Diesel 60-hp. tractor (one required):

- (1) one gasoline or Diesel powered track type tractor of 60 hp.; min. drawbar capacity, with angle or bulldozer and one 8-cy. carryall scraper, together with driver, operating rate per hour; stand-by rental per hour for 60-hp. tractor;
- (3) transportation to and from San Bernardino for 60-hp. tractor, bulldozer, carryall and driver.

The bids were:

Dimmitt & Taylor, Group II, (1) \$6.50, (2) \$6.50, (3) \$80 and \$160, (4) \$2 and \$4; Group III, (1) \$5.50, (2) \$1.50, (3) \$80.

C. G. Willis & Sons, Group I, (1)

\$7.90, (2) \$7.90, (3) \$7.90, (4) \$75 ea. (5) \$2 ea.; Group III, (1) \$7.50, (2) \$2.50, (3) \$100.

Silva & Hill Constr. Co., Group I (1) \$7.90, (2) \$7.90, (4) \$75 ea. (5) \$5 ea.; Group II, (1) \$7.75, (2) \$7.50, (3) \$75 ea. (4) \$2 ea.; Group III, (1) \$7.50 (2) \$2, (3) \$75.

A. S. Vinnell, Group I, (1) \$7.49 (2) \$7.49, (3) \$7.99, (4) \$60 ea. (5) none; Group III, (1) \$6.49, (2) none (3) \$60.

Vido Kovacevich, Group I, (1) \$7.75 (4) \$100 (5) \$2; Group II (1) \$7 (3) \$90 (4) \$150; Group III (1) \$7.75 (2) \$1.50 (3) \$90.

Triangle Rock & Gravel Co., Group I, (1) \$7.75, (4) \$50, (5) \$1; Group II, (1) \$6.50, (2) \$6.50, (3) \$50 ea. (4) \$0.50 ea.; Group III, (1) \$6.50, (2) \$1, (3) \$1.00.

Pacific Crane & Rigging Co., Group I, (1) \$7.50, (4) \$80, (5) \$4.

Warren Southwest, Group III, (1) \$7.30, (2) \$2 (3) \$100.

Maude Fisher Co., Group I, (1) \$7.50, (4) \$50, (5) \$3.50.

H. W. McKinley, Group I, (1) \$7.50, (2) \$7.50, (3) \$7.50, (4) no bid, one and 2, 3, \$85, (5) \$350 for all three; Group III, (1) \$7.50, (2) \$3.50, (3) \$80.

J. R. McKnight, Group II, (1) \$5.90, (2) \$75, (3) \$0.75; Group III, (1) \$7, (2) \$2.50, (3) \$2.75.

Spicer & Thompson, Group II, (1) \$6.60, (2) \$6.40, (3) \$100, (4) \$1.

Chas. Holmes, Group I, (1) \$7.95, (4) \$50, (5) \$1.

R. E. Griffith and G. W. Ellis, Group III, (1) \$6.50, (2) \$5, (3) \$75. 25

BIDS OPENED

CENTRAL VALLEY PROJECT—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1049-D, for furnishing and delivering one 7 1/2-ton motor-operated traveling crane for the Government warehouse at Shasta Dam, Central Valley Project; f.o.b. shipping point and/or Coram, Cal. Crane will be installed by the Government.

Bids were:

Ederer Engrg. Co., Seattle, Wash.—\$4,450; wt. 20,500 lbs.; net; f.o.b. Seattle.

Wright Mfg. Div., American Chain & Cable Co., Inc., York, Pa.—\$4,639.40, wt. 16,689; 2%; f.o.b. York.

Conco Engrg. Works Div. of H. D. Conkey & Co., Chicago, Ill.—\$5,600; wt. 27,500; net; f.o.b. Mendota, Ill.
Rooper Crane & Hoist Works, Inc., Reading, Pa.—\$3,690; wt. 17,500; net; f.o.b. Reading.

Harnischfeger Sales Corp., Milwaukee, Wis.—\$3,450; wt. 14,300; net; f.o.b. Milwaukee.

Judson-Pacific Co., San Francisco—\$5,020; wt. 21,000; net; f.o.b. S. F.

J. Maris Bros., Inc., Philadelphia, Pa.—\$3,631; wt. 16,500; 1%; f.o.b. Pa.

Erie Steel Constr. Co., Erie, Pa.—\$5,280; wt. 27,500; net; f.o.b. Erie.

Shaw-Box Crane & Hoists Div., Manning, Maxwell & Moore, Inc., Muskegon, Mich.—\$7,022; wt. 25,400; net; f.o.b. Muskegon.

Bedford Foundry & Machine Co., Bedford, Ind.—\$3,244; wt. 28,000; net; f.o.b. Bedford.

Cyclops Iron Works, San Francisco—\$3,950; wt. 20,000; 1/2%; f.o.b. S. F.

Hesse-Ersted Iron Works, Portland, Ore.—\$4,445; wt. 18,000; 3% net; f.o.b. Portland.

Whiting Corp., Harvey, Ill.—\$7,160; wt. 27,500; net; f.o.b. Harvey.

Euclid Crane & Hoist Co., Euclid Ohio—\$5,589; wt. 17,000; net; f.o.b. Coram, Cal. 25

BIDS OPENED

SANTA BARBARA CO., Calif.—

Following submitted bids to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis

ispo. for the rental of one 75-hp. motor tractor with angledozer, for days' use on slide removal work in Santa Barbara County.

David H. Ryan, 1615 Fern Street, San Diego—\$6.45 per hour; \$50.00 transportation charge.

C. F. Clements, Santa Maria—\$6.95 per hour; transportation, \$125.

Macco Constr. Co., Santa Maria—\$0 per hour; transportation, \$125.

Bid irregular. 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1206, for two trailblower attachments, capacity operated type, not less than 8500 net weight, for attachment to operation with Caterpillar RD-8 tractors; f.o.b. shipping point. Alternates: (1a) f.o.b. Auburn; (1b) f.o.b. Government Island; (2) eight trailblower attachments, cable operated, not less than 3500 lbs. net wt.; f.o.b. shipping point. Alternate: (2a) f.o.b. Government Island.

Bids were:
R. G. LeToureau, (1) \$1056.25, f.o.b. Stockton; (1a) \$1079.95, (1b) \$1068.25; (2) \$815.75, f.o.b. Stockton; (2a) \$575.75.

EmSCO Derrick & Equipment Co., (1) \$1250, f.o.b. Cleveland; (1a) \$1,000; (1b) \$1450; (2) \$1000, f.o.b. Cleveland; (2a) \$1100.

Smith Booth Usher Co., (2) \$895, f.o.b. Los Angeles; (2a) \$945.

Woodridge Sales Corp., (2) \$998.75. 25

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Monona Pump Co., Pomona, at \$79,200, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 758, for furnishing and delivering 16 motor-driven pumping units for installation in the Contra Costa canal pumping plants, Central Valley Project. Apparatus will be installed by the government. 25

BIDS OPENED

COWLITZ CO., Wash.—Bingham Pump Co., Portland, Ore., at \$4,573.50, submitted low bid to the U. S. Engineer Office, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-10, for furnishing and installing one vertical wet pit propeller type pump with motor, exciter and control equipment and one solenoid and auxiliary connections, at Diking District No. 5, about two miles east of Woodland, Cowlitz Co., Wash.

Total bids follow:
Bingham Pump Co., Portland, Ore.—\$4,573.50. Alternate bid for ad-justable impeller, \$4,723.50.

Victor Equipment Co., Kimball Crough Pump Div., Los Angeles Cal.—\$4,610.27.

R. M. Wade & Co., Portland—\$4,989. Alternate bid for fabricated steel elow, \$4,879.

Fairbanks - Morse Co., Seattle, Wash.—\$5,437.

Contracting Engineer's estimate—5,574.37. 25

BID OPENED

EUREKA, Humboldt Co., Calif.—Charles Kuppinger, Lakeport, at \$550 per hour, submitted only bid to the State Division of Highways, E. R. Green, Acting District Engineer, 546 West Washab Ave., Eureka, for the rental of one 50-hp. tractor with angledozer, for not more than 250 hrs., to be used chiefly on the Ukiah-Tan-ness Highway in Lake County. 25

CONTRACT AWARDED

SAN FRANCISCO.—Pelton Water Wheel Co., 2929 19th St., San Francisco, at \$9,425, submitted low bid and was awarded contract by the U. S. Engineer Office, 401 Custom Hse., San Francisco, under Bid No. 868-38-113, for furnishing and delivering an automatic refrigerating plant; f.o.b. San Francisco waterfront.

Total bids follow:
Pelton Water Wheel Co., 2929 19th St., San Francisco—\$9,425.

Geo. E. Swett & Co., San Francisco—\$9,635.

General Electric Supply Corp., San Francisco—\$9,779.

United Engineering Co., Ltd., San Francisco—\$10,225.

Mundet Cork Corp., San Francisco—\$10,640. 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1051-D, for furnishing and delivering structural steel for transmission towers for the Sou. California Edison Co. transformer in the Boulder switchyard, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. Boulder City and/or shipping point. Structures will be erected by the Government.

Bids were:
American Bridge Co., Denver, Colo.—(1) \$6332, wt. 99,400; (2) \$11,886, wt. 21,100; combination \$18,150; net; f.o.b. Pittsburgh, Pa.

Bethlehem Steel Co., San Francisco, Cal.—(1) \$6510, wt. 115,232; (2) \$11,150, wt. 206,330; net; f.o.b. Boulder City, Nev.

Consolidated Steel Corp., Ltd., Los Angeles, Cal.—(1) \$7964, wt. 107,000; (2) \$15,264, wt. 198,000; net; f.o.b. Los Angeles.

Berkeley Steel Constr. Co., Inc.—(1) \$7885, wt. 120,000; (2) \$12,590, wt. 214,000; combination \$20,500; ½%; f.o.b. Berkeley.

Blaw-Knox Co., Pittsburgh, Pa.—(1) \$8100, wt. 118,000; (2) \$13,115, wt. 219,000; net; f.o.b. Blawnox, Pa.

Mississippi Valley Structural Steel Co., Melrose Park, Ill.—(1) \$7412, wt. 116,500; (2) \$13,138, wt. 214,000; combination \$20,195; net; f.o.b. Boulder City.

International Derrick & Equipment Co. of Calif., Torrance, Cal.—(1) \$6,800, wt. 113,974; (2) \$11,800, wt. 214,134; combination \$18,500; ½%; f.o.b. Torrance.

Worden-Allen Co., Milwaukee, Wis.—(1) \$6289, wt. 116,000; (2) \$11,289, wt. 217,000; ½%; f.o.b. Milwaukee.

Omaha Steel Works, Omaha, Neb.—(1) \$8447, wt. 112,000; net; f.o.b. Boulder City.

Lehigh Structural Steel Co., New York City—(1) \$5609, wt. 114,000; (2) \$9774, wt. 208,000; combination \$15,368; net; f.o.b. Allentown, Pa. 25

CONTRACT AWARDED

SAN FRANCISCO.—Wallace and Tiernan Sales Corp., 171 2nd St., San Francisco, at \$2140.13 awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1973, for furnishing ammoniators for the San Francisco Water Department. 25

BIDS WANTED

KERN COUNTY, Cal.—Until April 20, 8 P. M., bids will be received by the Aztec School District, J. G. Otto, Clerk, Route 1, Box 159, Bakersfield, for furnishing one White chassis, model 805-B, or equal, equipped with superior body model 6264, 57-pas-senger, metropolitan-type, or equal.

Plans and specifications may be obtained at the above office. 25

BIDS OPENED

ALPINE CO., Cal.—Following submitted bids to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of (1) one 1¼ or 1½-c.y. diesel or gasoline operated shovel to be equipped for dragline work with 1¼ or 1½-c.y. dragline bucket; (2) one or more 4-c.y. or larger water level capacity dump trucks for work with shovel for use in Alpine County.

W. E. Karstedt, San Jose—(1) \$9.00 per hour, gasoline operated; (2) \$3.50 per hour; lump sum moving in and out; \$490.

Isbell Constr. Co., Reno, Nev.—(1) \$9.00, gasoline operated; (2) \$4.00; lump sum moving in and out; \$500.

Rock & Gravel Trucking Co., Oakland—(1) \$10.50, gasoline operated; (2) (a) \$3.05, (b) \$2.55, (c) \$2.80; lump sum moving in and out; \$600.

C. Mankel, Sacramento—(1) \$9.50, gasoline operated; (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; lump sum moving in and out; \$450.

Alpine Garage, Markleville, submitted an irregular bid. 25

BIDS OPENED

SAN BERNARDINO, Cal.—Bids for rental of tractor-graders with drivers were opened by State Highway Dept., San Bernardino.

The items were:
Unit I—Tractor grader, tandem drive, 17,000-lb., 53 hp, full power control;

Unit II—Same as Unit I;
Unit III—Tractor grader, tandem or single drive, 12,600 lbs., 39 hp;

Unit IV—Same as Unit III.
Bids were received on:
(1) operating rental rate, per hour;
(2) stand-by rental rate, per hour;
(3) transportation to and from San Bernardino, flat price, round trip.

The bids were:
Hubert Hubbs—Unit I (1) \$5.60; (2) no chge, (3) \$100; Unit III (1) \$4.34, (2) no chge, (3) \$100.

Triangle Rock & Gravel Co.—Unit I (1) \$4.85, (2) no chge, (3) \$35; Unit II (1) \$4.90, (2) no chge, (3) no chge; Unit III (1) \$4.75, (2) \$1, (3) \$35.

J. E. Haddock—Unit I (1) \$4.24, (2) \$2, (3) no chge.

Road Mix, Inc.—Unit I (1) \$4.24, (2) \$2, (3) no chge.

Vido Kovacevich—Unit I (1) \$4.90, (2) \$1.50, (3) \$75.

G. W. Ellis—Unit I (1) \$5, (2) \$3, (3) \$50.

Jack Shields—Unit I (1) \$4.90, (2) \$4, (3) \$30; Unit II, same as Unit I.

Butterfield-Kennedy—Unit III (1) \$3.75, (2) \$1, (3) \$80.

S. M. Mitovich—Unit I (1) \$5.15, (2) \$2, (3) \$50.

Cogo & Rados—Units I, II, III and IV, all (1) \$4.75, (2) \$3, (3) \$90.

E. L. Yeager—Unit III (1) \$3.50, (2) \$1, (3) \$20.

Claude Fisher, Inc.—Unit I (1) \$5, (2) \$3, (3) \$20. 25

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until April 14, 10 A. M., bids will be received by the Imperial Irrigation District, W. W. Goodson, Secretary, El Centro, for furnishing 33,000-volt power substation equipment for the Imperial Valley power project, PWA Docket, Calif. 1088-D.
Plans and specifications may be obtained at the district's office, El Centro, upon the deposit of \$10, returnable. M. J. Dowd, Chief Engineer and General Superintendent.
List of items is on file at the office of Daily Pacific Builder, 465 10th St., San Francisco. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of equipment for the transportation of heavy equipment anywhere in District VII, opened by the State Highway Dept., Los Angeles, were:

Teel Bros.: (1) 6-wheel truck and trailer, 9-ton, \$3.00 and \$2.50; (2) \$4.00 and \$3.50.

J. F. Price: (1) 6-wheel truck, \$3.00 and \$1.50; (2) \$4.00 and 2.00; bid irregular—not signed.

B & L Truck & Transfer Co.: bid irregular, not on regular form.

Belyea Truck Co.: (1) \$4.00 and \$2.50; (2) \$4.50 and 3.00; low bid equipment, 15-ton, \$5.50 and 4.00; 15 to 24 ton, \$6.00 and \$4.00; 24 to 40 ton, \$7.00 and \$4.00; over 40, \$8.00 and \$4.00. 25

BIDS OPENED

DENVER, Colo.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 774, for furnishing and delivering 80 102-inch ring-seal gates and 40 sets of conduit linings for installation in the outlet works at the Grand Conlee Dam, Columbia Basin Project, Wash.; and three 102-inch ring-seal gates for the power penstocks at the Seminole Dam, Kendrick Project, Wyoming. Gates and conduit linings will be installed by the Government, fob cars at shipping points and/or railroad destination.

Bids were:

S. Morgan Smith Co., York, Pa.: (1) \$759,040; wt. 3,619,440; (2) \$745,000; wt. 3,659,440; Comb. 1 and 2 or 3 and 4, \$1,479,760; net; fob Wheeling, W. Va. (2) \$759,040, wt. 3,619,440; fob Alliance, Ohio; (3) \$745,060, wt. 3,639,440; (7) \$141,870, wt. 546,250; Comb. 1 or 2 and 3 or 4 and 7, \$1,589,538; 1, 2, 3, 4: \$2,825,320; 1, 2, 3, 4 and 7: \$2,931,809; fob E. Chicago, Ind.

John W. Beam, Denver, Colo.: (5) \$130,000; wt. 2,000,000; (6) \$128,000; wt. 1,950,000; Comb. 5 and 6, \$255,000; ½; fob Chicago.

Lynchburg Foundry Co., Lynchburg, Va.: (5) \$89,800, wt. 2,140,000; (6) \$85,400, wt. 2,080,000; Comb. 5 and 6, \$170,000; net; fob E. Radford, Va.

Valley Iron Works, Yakima, Wash.: (3) \$347,000, wt. 3,000,000; (4) \$347,000, wt. 3,000,000; Comb. 3 and 4: \$688,800; 2%.

Enterprise Foundry Corp., San Francisco: (5) \$128,000, wt. 2,344,000; (6) \$125,000, wt. 2,292,000; Comb. 5 and 6: \$249,000; net; fob San Francisco.

McKiernan-Terry Corp., New York, (1) \$752,400, wt. 3,000,000; (2) \$752,400, wt. 3,000,000; (3) \$734,400, wt. 3,040,000; (4) \$734,400, wt. 3,040,000; (7) \$280,000, wt. 450,000; Comb. 1, 2, 3, 4 and 7: \$2,336,500; 1, 3, 4 and 7: \$1,822,000; 1, 2, 3 and 7: \$1,842,000; 1, 2 and 7: \$1,326,500; 3 and 4: \$1,203,000; ½; fob Dover, N. J.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.: (1) \$838,750, wt. 2,900,000; net; fob Milwaukee.

Olympic Foundry Co., Seattle: (5) \$171,500, wt. 2,270,000; (6) \$158,500, wt. 2,230,000; Comb. 5 and 6: \$312,524; net; fob Seattle.

Treadwell Engr. Co., Easton, Pa.: (1) \$596,000, wt. 3,170,000; (2) \$596,000, wt. 3,170,000; (3) \$586,000, wt. 3,178,000; (4) \$586,000, wt. 3,178,000; (5) \$205,000, wt. 2,200,000; (6) \$205,000, wt. 2,200,000; (7) \$119,000, wt. 475,000; net; fob Easton.

The Filer & Stowell Co., Milwaukee, Wis.: (1) \$545,000, wt. 3,055,000; (2) \$610,000, wt. 3,055,000; (3) \$525,000, wt. 3,108,000; (4) \$525,000, wt. 3,108,000; (5) \$175,000, wt. 2,081,000; (6) \$170,000, wt. 2,037,000; (7) \$110,000, wt. 458,000; Comb. 1 and 3: \$1,030,000; 1, 3 and 4: \$1,530,000; 5 and 6: \$335,000; 1, 2, 3, 4, 5, 6 and 7: \$2,

585,000; net; fob Milwaukee.

York Safe and Lock Co., York, Pa.: (4) \$739,560, wt. 3,428,000; (6) \$201,600, wt. 2,180,000; (7) \$249,864, wt. 514,200; Comb. 4 and 7: \$852,528; ½; fob York.

Joshua Hendy Iron Works, San Francisco: (1) \$449,014, wt. 3,128,000; (2) \$439,014, wt. 3,128,000; (3) \$424,875, wt. 3,148,000; (4) \$424,875, wt. 3,148,000; Comb. 1 and 3: \$854,163; 1 and 4: \$854,163; 2 and 3: \$854,163; 2 and 4: \$854,163; 3 and 4: \$833,230; net; fob Sunnyvale, Calif.

United States Pipe & Foundry Co., Burlington, N. J., (5) \$92,038, wt. 1,990,022; (6) \$91,000, wt. 1,967,522; Comb. 5 and 6: \$178,059; net; fob Bessemer, Ala.

Consolidated Steel Corp., Ltd., Los Angeles: (1) \$535,071, wt. 3,112,850; (2) \$517,776, wt. 3,158,850; (3) \$94,569, wt. 467,000; Combinations: 1 and 3, \$1,016,740; 1 and 7, \$605,850; 3 and 7, \$588,386; 1, 3, and 7: \$1,089,937; net; fob Los Angeles.

Fulton Iron Works Co., St. Louis, Mo.: (5) \$114,500, wt. 3,200,000; (6) \$112,700, wt. 2,400,000; Combination 5 and 6, \$219,500; ½; fob St. Louis.

Hardie-Tynes Mfg. Co., and Koppers Co., Bartlett-Hayward Division, Denver: (1) \$900,000, wt. 3,280,000; (3) \$870,000, wt. 3,340,000; (5) \$110,000, wt. 2,208,000; (6) \$106,000, wt. 2,154,000; (7) \$135,000, wt. 492,000; Combination: 1, 2, 3, 4, 5, 6 and 7: \$3,228,750; fob Birmingham, Ala.; (2) \$900,000, wt. 3,280,000; (4) \$870,000, wt. 3,340,000; fob Baltimore, Md.; ½%. 25

27—FIRE ALARM SYSTEM**BIDS WANTED**

SAN MATEO, San Mateo Co., Cal.—Until April 18, 8 P. M., bids will be received by the San Mateo City Clerk, City Hall, San Mateo, for furnishing seven fire alarm boxes.

Plans and specifications may be obtained from the above office. 27

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until April 18, 8 P. M., bids will be received by the San Mateo City Council, City Hall, San Mateo for the extension of fire line system and installation of fire alarm boxes on various streets in San Mateo.

Plans and specifications may be obtained from the above office. 27

29—STREETS AND HIGHWAYS**BIDS WANTED**

LONG BEACH, Los Angeles Co., Cal.—Until Apr. 19, 11 a.m., bids will be received by the Long Beach City Manager, R. M. Dorton, for the improvement of Oregon Ave., Golden Ave. and San Francisco Ave. betw. Spring St. and 32nd St., involving grading, water mains, fittings, fire hydrants, etc.; 1911 Act. Certified check or bond, 10%. Plans and specifications may be obtained from the city engineer-director of public service, J. W. B. Blackman. E. L. McDonald, city clerk. 29

BIDS WANTED

SAN FRANCISCO.—Until Apr. 20, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for improving sidewalks on the west side of Capital Avenue, Montana to Minerva Sts., and other locations. Estimated cost, \$2400. Work involves 12,000 sq. ft. two-course concrete sidewalk.

Plans and specifications may be

obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.

BIDS WANTED

TEHAMA CO., Calif.—Until Apr. 27, 2 P. M., bids will be received by the State Division of Highways, H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 0.5 mile grading and paving with Portland cement concrete and road mix surfacing on crushed run base at Red Bluff, Tehama Co. Work involves:

- (1) 810 M. gals. water;
- (2) 1,250 c.y. rdwy. excav. unclassified;
- (3) 180 c.y. struc. excav.;
- (4) 10 c.y. ditch and channel excavation;
- (5) 46,350 cu. imported borrow;
- (6) 250 c.y. top soil;
- (7) 375 c.y. remove concrete;
- (8) 1,810 sq. yds. prepare subgrade;
- (9) 16 sta. finish rdwy.;
- (10) 925 c.y. crusher run base;
- (11) 10 tons liquid asph. ROMC-3 (FOMC-4, prime coat);
- (12) 675 c.y. min. agg. road mix surf.;
- (13) 43 tons liquid asph. ROMC-3 (FOMC-4 road mix surf.);
- (14) 4 tons liquid asph. ROMC-3 (FOMC-4, seal coat);
- (15) 50 c.y. sand seal coat;
- (16) 360 c.y. Class A Portland cement conc. pave.;
- (17) 750 each pavement dowels;
- (18) 2,900 lbs. bar reinf. steel pavement and struc.;
- (19) 12 c.y. Class A portland cement conc. struc.;
- (20) 6 each cast steel frames and covers for drop inlets;
- (21) 240 l.f. 18-in. CMP;
- (22) 220 l.f. remove and salvage existing pipe;
- (23) 8 l.f. 4-in. vit. clay pipe;
- (24) 13 l.f. ¼-in. galv. iron or steel water pipe;
- (25) 735 l.f. 1-in. do;
- (26) 102 c.y. Class A Portland cement conc. sidewalks, curbs and gutters;
- (27) 17 each guide posts;
- (28) 21 each move and reset guide posts;
- (29) 19 each monuments;
- (30) 1 each adjust manhole;
- (31) remove existing bridge.

Plans and specifications may be obtained from the above office. 27

April 7, 1938.
NOTICE OF EXPEDIENCY

SAN FRANCISCO.—The Dept. of Public Works announces Notice of Expediency on "Golden Gate Height Paving Contract No. 2" under Spec. No. 18,127. Estimated cost, \$27,137. Work includes crossing of Quintan St. and Cragmont Ave.; Quintan between Cragmont and 12th Aves. 12th Ave. (east one-half) from Quintara St. to 60 feet south; and others.

- Quantities of work follow:
- (1) armored concrete curb;
 - (2) unarmored concrete curb;
 - (3) two-course concrete sidewalk;
 - (4) asphalt-concrete pavement, consisting of a 6-in. class F concrete base and a 2-in. asphalt concrete wearing surface;
 - (5) asphalt-macadam pavement consisting of a 6-in. waterbound macadam base and a 2-in. asphalt concrete wearing surface;
 - (6) emulsified asphalt-macadam pavement, consisting of a 6-in. waterbound macadam base and a 2-in. emulsified asphalt wearing surface;
 - (7) 6-inch VCP side sewer;
 - (8) 12 by 6-inch Y branches;
 - (9) brick catchbasins, complete;
 - (10) 10-inch VCP culvert;
 - (11) 10½-inch black enameled conduit;
 - (12) standard wood fence. 27

DS WANTED

SISKIYOU CO., Calif.—Until April 2 P. M., bids will be received by a State Division of Highways, C. Purcell, State Highway Engineer, Public Works Building, Sacramento, constructing about 24.1 miles of all cement base; placing imported surfacing on portions of a project and surfacing with road mix on the entire project, between Cougar and MacDoel, Siskiyou County. Work involves: 3,050 M. gals. water; 24,400 c.y. imported surf. material; 560 tons of liquid asphalt, SC-2 prime coat; 40 tons of liquid asphalt, SC-1A, prime coat; 16,300 c.y. mineral aggregate road mix surf.; 1,360 tons of liquid asphalt, ROMC-3 or ROMC-4 road mix surf.; 180 tons asphalt emulsion seal coat; 4,000 lbs. Portland cement soil cement base; 38,750 sq. yds. preparing mix and shaping and curing soil cement base. Plans and specifications may be obtained from the above office. * 29

DS WANTED

LOS ANGELES CO., Calif.—Until April 28 2 p.m., bids will be received the State Division of Highways, Public Works Building, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete and plant-mixed facing about 3.7 miles; and constructing a reinforced concrete girder bridge between Tunnel Station and Placerita Canyon, Los Angeles County, Calif.

Work involves:

- (1) 197 sta. clear and grub right of way;
- (2) 9,500 M. gals. water;
- (3) 3,500 c.y. remove conc.;
- (4) 520,000 c.y. roadway excavation, without classification;
- (5) 8,900 c.y. struc. excav.;
- (6) 6,200 c.y. ditch and channel excavation;
- (7) 530,000 mile yds. overhaul;
- (8) 15,000 sq. yds. asphalt paint binder;
- (9) 16 sections pave crossing devices (Type C-11);
- (10) 32,000 sq. yds. preparing subgrade;
- (11) 197 sta. finish roadway;
- (12) 90 tons liq. asphalt, SC-2 (prime coat);
- (13) 17,600 tons min. aggregate plant mix surf.;
- (14) 930 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
- (15) 23,500 sq. yds. preparing, mixing and shaping shoulders;
- (16) 290 tons liq. asphalt, SC-2 shoulders;
- (17) 8,400 c.y. class A Portland cement conc. pave;
- (18) 11,500 each, pave. dowels;
- (19) 202,000 lbs. bar reinf. steel pave. and strucs.;
- (20) 1,225 c.y. class A portland cement conc. strucs.;
- (21) 14.2 c.y. class A portland cement conc. rail;
- (22) 850 lf. 8-in. CMP;
- (23) 750 lf. 12-in. CMP;
- (24) 1,420 lf. 24-in. CMP;
- (25) 750 lf. 30-in. CMP;
- (26) 10 lf. 42-in. CMP;
- (27) 145 lf. 120-in. multiplate CMP 75-13;
- (28) 105 lf. 135-in. multiplate CMP, 87-15;
- (29) 150 lf. remove and relay pipe culverts;
- (30) 10 lf. 24-in. standard reinf. conc. pipe;
- (31) 850 lf. 60-in. standard reinf. conc. pipe;

- (32) 16 each, spillway assemblies;
- (33) 780 c.y. class A Portland cement conc. curbs;
- (34) 350 c.y. class A Portland cement conc. slope pave.;
- (35) 225 c.y. light riprap;
- (36) 3,100 sq. yds. mesh reinf. slope pave.;
- (37) 80 each, culvert posts;
- (38) 80 each, culvert markers;
- (39) 0.7 mile move and reset property fences;
- (40) 3.5 miles new property fence;
- (41) 8 each, drive gates;
- (42) 5,700 lbs. misc. iron and steel;
- (43) 20 lf. laminated guard rail;
- (44) 5.5 MFEM dense, select, all-heart struc. Redwood;
- (45) 8.5 MFEM select, all-heart struc. Redwood;
- (46) 480 lf. remove and salvage existing bank protection fence;
- (47) 1 only, remove and salvage existing timber bridge;
- (48) 1 lot misc. bridge items.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Calif.—William O. Tyson, Box 888, Redwood City, at \$4,208.70 awarded contract by the Redwood City City Council, B. E. Myers, City Clerk, City Hall, Redwood City, for grading and paving with a waterbound macadam base and a bituminous macadam wearing surface on Valota Road, extending from Woodside Rd. (State Highway Route 107), northwesterly 3160 feet to the southeasterly line of Lot 45, Reese Subdivision, Redwood City. * 29

BIDS OPENED

REDWOOD CITY, San Mateo Co., Calif.—William O. Tyson, Box 888, Redwood City, at \$4,208.70, submitted low bid to the Redwood City City Council, B. E. Myers, City Clerk, City Hall, Redwood City, for grading and paving with a waterbound macadam base and a bituminous macadam wearing surface on Valota Road, extending from Woodside Road (State Highway, Route 107), northwesterly 3160 feet to the southeasterly line of Lot 45, Reese Subdivision, Redwood City.

Work involves:

- (1) 512 c.y. grading-cutting;
- (2) 387 c.y. grading-filling;
- (3) 63,200 sq. ft. macadam pavement incl. subgrade complete;
- (4) One 18-in. galv. corrug. pipe culvert.

Total bids follow:

- (A) William O. Tyson, Box 888, Redwood City—\$4,208.70.
- (B) O. V. Freeman, Palo Alto—\$4,225.50.
- (C) Grant & Hoffmann, Redwood City—\$4,666.83.
- (D) Palo Alto Road Materials Co., Palo Alto—\$5,313.85.
- (E) Granite Constr. Co., Ltd., Watsonville—\$5,324.80.
- (F) L. C. Smith, San Mateo—\$6,520.88.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A).....	\$0.25	\$0.10	\$0.0625	\$92.00
(B).....	.40	.10	.06	190.00
(C).....	.32	.10	.07	70.00
(D).....	.25	.15	.079	135.00
(E).....	.50	.20	.077	125.00
(F).....	.80	.80	.0899	120.00

LOW BIDDER

PIMA & MARICOPA COS., ARIZ. Tiffany Construction Co., P. O. Box 846, Phoenix, at \$57,636 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Ajo-Gila Bend Highway, FAS 120-B (1938) AFE 8504. The work, which begins about five miles north of Ajo and extends northerly about 4½ miles to

the Pima-Maricopa county line, consists of grading, draining, aggregate base course and asphaltic surface treatment and is to be completed on or before October 31, 1938.

Complete bids will be published shortly. * 29

BIDS WANTED

LOS GATOS, Santa Clara Co., Cal.—Until April 18, 5 p.m. (opened at 8:30 p.m.), bids will be received by the Los Gatos Town Council, Donna M. Winning, Town Clerk, Town Hall, Los Gatos, for the improvement of Main Street at El Monte Hill, in the Town of Los Gatos, Santa Clara Co., Calif.

Work involves:

- (1) 2715 cu. yd. embankment;
- (2) 852 lin. ft. curb;
- (3) 33 tons per sq. ft. sidewalk;
- (4) 19,475 sq. ft. pavement.

Plans and specifications may be obtained from the above office and from the Town Engineer, Porter Bldg., San Jose, upon the deposit of \$2.00. * 29

BIDS WANTED

HOOD RIVER CO., Ore.—Until April 20, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Ore., for constructing or improving approximately 1.136 miles highway, Columbia River Highway Reconstruction Grading Project 28-B1-C, Oregon National Forest Food Project, Hood River County, Ore.

Work involves:

- (1) All reqd., maintenance of detours;
- (2) all reqd., extra and misc. force account work;
- (3) 12 acres clearing;
- (4) 9 acres grubbing;
- (5) 152,600 c.y. unclass. excav.;
- (6) 370,000 sta. miles special overhaul;
- (7) 2,500 c.y. mi. special overhaul;
- (8) 1,136 cu. yd. furnishing earth grad. road;
- (9) 1,000 c.y. heavy gravel base course;
- (10) 1,130 lf. culverts.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

CONTRACT AWARDED

PIMA CO., Ariz.—Fisher Contracting Co., 516 S. 7th St., Phoenix, at \$38,014.75, awarded contract by the Arizona State Highway Commission, for improvement of the Ajo-Tucson Highway, FAS 110-D, AFE 630. The work, which begins at Ajo and extends east about 12.3 miles, consists of grading, draining, select material and oil processing (cutback road-mix), and is to be completed on or before Aug. 15, 1938. * 29

CONTRACT AWARDED

COCHISE CO., Ariz.—Martin Construction Co., 311 N. Third Avenue, Tucson, at \$42,823.87, awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of Douglas-Safford Highway, FAS 114-E, AFE 8124. The work, which begins at the town of McNeal, about 26 miles north of Douglas, and extends north about 5½ miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road-mix), and is to be completed on or before Aug. 31, 1938. * 29

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 12, 3 P. M., bids will be received by State Highway Department, San Diego, for application of Diesel oil to roadside vegetation for a distance of about 68.9 roadside

miles in San Diego county, involving 450 barrels of Diesel oil.

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until April 27, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge and about 3.1 miles grading and surfacing with crusher run base and armor coat between Ben Ali and U. S. Air Depot, Sacramento County.

Work involves:

- (1) Clear and grub;
- (2) 725 M. gals. water;
- (3) 12,200 c.y. rdwy. excav., unclass.
- (4) 1,450 c.y. ditch and channel excav.
- (5) 450 c.y. ditch and channel excav.
- (6) 51,000 sta. yds. overhaul;
- (7) 21,300 c.y. imported borrow;
- (8) 165 sta. finish rdwy.;
- (9) 13,300 tons crusher run base;
- (10) 43 tons liquid asph. SC-2 prime coat;
- (11) 1,700 tons screenings armor coat;
- (12) 88 tons yiquld. asph. 90-95, arm-or coat;
- (13) 104,000 lbs. bar. reinf. steel;
- (14) 4,300 lbs. misc. iron and steel;
- (15) 670 c.y. Class A Portland cement conc. struc.;
- (16) 556 lf. furnish steel piles;
- (17) 36 each drive steel piles;
- (18) 45 c.y. Class A Portland cement conc. slope paving;
- (19) 172 lf. 18-in. CMP;
- (20) 54 lf. 24-in. CMP;
- (21) 88 lf. 42-in. CMP;
- (22) 305 lf. remove and relay pipe culverts;
- (23) 80 lf. laminated guard railing;
- (24) 470 lf. timber railing;
- (25) 16 each culvert markers.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

MARIN CO., Cal.—Until April 27, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.5 miles grading, surfacing with Portland cement concrete asphalt concrete and plant-mixed surfacing, widening existing structures, and constructing a grade separation structure, between Ignacio and San Rafael, Marin Co., Cal.

Work involves:

- (1) 200 each, remove trees, Size 1;
- (2) 97 each, remove trees, Size 2;
- (3) 31 each, remove trees, Size 3;
- (4) 75 each, remove existing stumps;
- (5) 273,000 c.y. roadway excavation, without classification;
- (6) 4,400 c.y. struc. excav.;
- (7) 1,250 c.y. ditch and channel excavation, sta. yds. overhaul;
- (8) 4,950,000 sta. yds. overhaul;
- (9) 35,200 c.y. import borrow;
- (10) 2,250 M. gals. water;
- (11) 2,180 c.y. remove conc.;
- (12) 410 sta. finish roadway;
- (13) 50 c.y. light riprap;
- (14) 10,250 sq. yds. asph. paint blinder;
- (15) 320 tons asph. cement asphalt conc.;
- (16) 5,550 tons mineral aggreg. asph. conc.;
- (17) 7,300 tons mineral aggreg. plant-mix surf.;
- (18) 9,400 c.y. class B portland cement conc. pavement;
- (19) 73,500 sq. yds. preparing sub-grade;
- (20) 60 tons liq. asph., SC-1A (penetration oil treat.);
- (21) 45 tons liq. asph., SC-2 (penetration oil treat.);
- (22) 58 tons liq. asph., MC-2 (prime coat);
- (23) 40 tons liq. asph., 90-95 (seal coat);

- (24) 405 tons liq. asph., MC-4 or MC-5 (plant-mix surf.);
- (25) 390 tons screenings;
- (26) 213,000 lbs. bar reinf. steel pave. and strucs.;
- (27) 12,930 each, pave. dowels;
- (28) 1,533 c.y. class A Portland cement conc. strucs.;
- (29) 18 c.y. class A Portland cement conc. railing;
- (30) 12 c.y. class A Portland cement conc. footing blocks;
- (31) 130 c.y. class B Portland cement conc. curbs, gutters and sidewalks;
- (32) 400 c.y. dry rubble masonry;
- (33) 1,000 lf. 6-in. vit. clay pipe sewers;
- (34) 3,000 lf. 8-in. perf. metal pipe underdrains;
- (35) 320 lf. 8-in. CMP;
- (36) 410 lf. 12-in. CMP;
- (37) 160 lf. 15-in. CMP;
- (38) 1,000 lf. 18-in. CMP;
- (39) 148 lf. 24-in. CMP;
- (40) 170 lf. 30-in. CMP;
- (41) 25 lf. 36-in. CMP;
- (42) 74 lf. 24 x 5-in. part circle C M drains;
- (43) 344 lf. remove, clean and relay pipe culverts;
- (44) 92 lf. remove, clean and salvage pipe culverts;
- (45) 26 each, moving and resetting existing pipe headwalls;
- (46) 14 each, spillway assemblies;....
- (47) 5 each, remove and reinstall spillway assemblies;
- (48) 580 c.y. rock filling material underdrains;
- (49) 6 each, special catch basins;
- (50) 2 each, manholes;
- (51) 80 lf. laminated timber guard rail;
- (52) 9,400 lf. remove and reset existing guard rail;
- (53) 200 lf. remove and salvage existing guard rail;
- (54) 94 each, culvert markers;
- (55) 70 each, guide posts;
- (56) 2.5 miles remove and reset existing fences;
- (57) 40 each, monuments;
- (58) 500 c.y. selected top soil;
- (59) 39 MFMB fence select, all-heart struc. Redwood;
- (60) 22 MFMB select, all-heart struc. Redwood;
- (61) 3,240 lf. treated Douglas fir piles;
- (62) 72 each, drive piles;
- (63) 36,200 lbs. struc. steel;
- (64) 145 lbs. bronze expansion plates;
- (65) 176 lbs. copper straps;
- (66) 61 lf. pipe rail;
- (67) 4 each, clearance markers;
- (68) 526 lf. timber rail removed and disposed of;
- (69) 1 lot lighting equip.;
- (70) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

COCHISE CO., Ariz.—Until April 19, 10 a.m., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of the Benson-Steins Pass Highway, FA 130-B (1938), AFE 8603. The work, which extends from the Arizona-New Mexico state line westerly for 6.1 miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road oil road mix) and is to be completed on or before December 31.

Work involves:

- (1) 35,600 c.y. roadway excav.;
- (2) 4,200 c.y. drainage excav.;
- (3) 2,300 c.y. struc. excav.;
- (4) 36,700 sta. yds. overhaul;
- (5) 2,600 c.y. m. haul;
- (6) 41,900 c.y. imported borrow;
- (7) 56,500 c.y. select material;
- (8) 19,300 tons aggreg. base course;
- (9) 5,200 M. gals. sprinkling;
- (10) 1,400 hrs. rolling;
- (11) 1,847 c.y. concrete;

- (12) 216,300 lbs. reinf. steel;
- (13) 4,700 lbs. struc. steel;
- (14) 1,998 lf. corr. metal pipe (four sizes);
- (15) 51,200 lf. line fence;
- (16) 675 lf. railbank protection;
- (17) 10,600 tons mineral aggreg.;
- (18) 135,400 gals. road oil (SC-2);
- (19) 61 ml. processing road mix.

Certified or cashier's check for \$5 must accompany bid. Howard S. Reed, State Highway Engineer. * 2

BIDS WANTED

NYE COUNTY, Nev.—Until April 20, 1:30 P. M., bids will be received by the Directors of the Department of Highways, State of Nevada, Heuser Memorial Bldg., Carson City, Nevada, for reconstruction of approximately 12.75 mi. of State Highway from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye County, Nevada.

Work involves:

- (1) 174 each clearing;
- (2) 372 lf. remove fence;
- (3) 311 lf. remove culvert pipe;
- (4) 22 ea. remove headwalls (rock)
- (5) 117,795 c.y. rdwy. excav.;
- (6) 905 c.y. drainage excavation;
- (7) 150 sta. "V" type ditches;
- (8) 12,122 c.y. borrow;
- (9) 7,304 c.y. imported borrow;
- (10) 22 sta. slope rounding;
- (11) 106,043 yd. sta. overhaul (yd. sta.)
- (12) 1,529 yd. mi. overhaul (yd. mi.)
- (13) 1,250 c.y. struc. excav.;
- (14) 2,380 c.y. backfill;
- (15) 12.75 miles subgrade, Type C;
- (16) force account, oradside cleanup;
- (17) 24 M. gals. water;
- (18) 58,053 tons gravel surface;
- (19) 418 c.y. Class A concrete;
- (20) 90 c.y. Class B concrete;
- (21) 46,000 lbs. reinf. steel;
- (22) 36 c.y. mortar rubble masonry
- (23) 750 lf. 18-in. corr. metal pipe
- (24) 1,320 lf. 24-in. do;
- (25) 72 lf. 30-in. do;
- (26) 486 lf. 36-in. do;
- (27) 170 c.y. grouted hand laid rip rap;
- (28) 347 lf reconstruct fence;
- (29) 60 each monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or at the District Office, Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00; which \$5.00 will be refunded.

CONTRACT AWARDED

GRAHAM CO., Ariz.—Pearson Dickerson Contrs., Inc., Box 4 Prescott, at \$53,893.53, awarded contract by the Arizona State Highway Commission, Phoenix, Arizona, for construction of Safford-Bowie Jurisdiction Highway, FAS 115-C (1938) AFE 8126. The work, which extends from a point 8 1/4 miles south of St. Ford in a southerly direction for approximately 3 1/2 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on before Aug. 31, 1938.

CONTRACT AWARDED

PIMA COUNTY, Ariz.—Pearson Dickerson, Contractors, Inc., Box 4 Prescott, at \$205,525.45, awarded contract by the Arizona State Highway Commission, Phoenix, for construction of Tucson-Noxalis Highway, FAS 115-C (1938), AFE 8166-A, 3rd road, which extends south of Tucson and extends southerly for 13 1/2 miles, consists of grading, draining, aggregate base course and 90-95 road oil plant mix, and is to be completed on or before August 15, 1939.

TRACT AWARDED

KIMA COUNTY, Wash.—H. C. 1513 Lincoln S., Yakima, at submitted low bid and was dem contract by the Yakima ty Engineer, O. E. Brashears, ma, for grading, surfacing three e of road north of Harrah to Wapato Road.

al bids follow:

Rogers, 1513 Lincoln St.,	
akima	\$21,001
to Bros., Seattle	24,294
orm & Hallstrom, Seattle	24,567
Collins, Walla Walla	24,936
olucio, Seattle	26,075
Colucio, Seattle	26,134
G. Redmond, Yakima	26,707
Aukamp, Old Town Rd.	26,961

BIDS WANTED

ARK COUNTY, Nevada.—Until 20, 2 P. M., bids will be recd by the Directors of the Deent of Highways of the State evada, Heroes Memorial Bldg., n City, Nev., for the construct- of approximately 7.34 miles of Highway from Jean to Good- ighway, Route 53, Section A, Clark ty, Nev.

rk involves:

- c.y. drainage excavation;
- 1,138 tons gravel surface;
- 6 tons liquid asphalt (type MC- o seal coat);
- 90 tons liquid asphalt (type SC- o roadmix);
- 095 miles roadmix (20-ft. surf.);
- 240 mile roadmix (40-ft. surf.);
- 2 1/2 in. corr. metal pipe in face;

each culvert markers.

ns and specifications may be ned from Robert A. Allen, State way Engineer, Carson City, Nev- or at the District Office of the au of Public Roads, Federal Of- Bldg., Civic Center, San Fran- urop deposit of \$10,000, of which will be refunded. * 29

-RESERVOIRS & DAMS

OPENED

ACHLY, Lane Co., Ore.—Ben- & Taylor, 1041 Venice Blvd., Los es, at \$34,472.30, submitted low to the Blachly Lane County Cotive Electric Association for onstruction of timber crib dam ke Creek below Triangle Lake.

al bids follow:

ett & Taylor, 1041 Ven-	
e Blvd., L. A.	\$34,472.30
er G. Johnson, Portland	39,406.00
Contracting Co.	39,481.50
er Schram Co.	40,166.00

TRACT AWARDED

NCOUVER, Wash.—Dougan- nond Constr. Co., Rothschild Portland, at (1) \$24,037, and on Constr. Co., Arts Bldg., Van- er, at (2a) \$9680, (2b) \$3695, were led contracts by the Vancouver Clerk, Chas. A. McDonach, for urchasing materials and con- on of a concrete reservoir of 000 gallon capacity to be 17 ft. e and 20 ft. deep; (2) steel roof- g reservoirs, (a) new reservoir, id reservoir; (3) wood roofing iders, (a) new reservoir, (b) old iver. * 30

TRACT AWARDED

ATSOP COUNTY, Ore.—Tide- Co., Astoria, at \$13,508 (Sec. as awarded contract by the U. gineer Office, District Engi- 628 Pittock Block, Portland, un- id No. 698-38-416, for strength- and rebuilding old levees and racting new levees on Tenasi- Island, Diking District No. 6, p County, Ore. * 30

BIDS WANTED

PLACER CO., Calif.—Until April 12, 3 P. M. (date postponed from Apr. 5), bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-220, for the construction of a concrete arch dam at the North Fork site on the North Fork of the American River, Placer Co., Cal.

Work involves:

- (1) Lump sum, clearing dam site area;
- (2) Lump sum, diverting and care of river during construction and unwatering foundations;
- (3) 23,000 c.y. excav. above elevation 600.00;
- (4) 5,000 c.y. excav. below elevation 600.00;
- (5) 350 l.f. drilling grout holes less than 25 feet deep;
- (6) 700 l.f. drilling grout holes, 25 to 40 ft. deep;
- (7) 300 l.f. drilling grout holes, over 40 ft. deep;
- (8) 29,400 bbls. hauling and storing cement and admixtures;
- (9) 3,000 lhs. furnishing and installing pipe and fittings for foundation and tunnel grouting;
- (10) 6,600 lbs. furnishing and installing pipe and fittings for radial contraction joint grouting;
- (11) 160 cu. ft. pressure grouting other than radial contraction joints in dam;
- (12) 280 cu. ft. pressure grouting radial contraction joints in dam;
- (13) 200 c.y. concrete in tunnels, Class B;
- (14) 28,000 c.y. concrete in dam, Class B;
- (15) 250 c.y. concrete in retaining walls, Class B;
- (16) 140 c.y. concrete in aeration piers, Class A;
- (17) 14,700 lbs. furnishing and placing steel reinforcement;
- (18) 2,500 lbs. furnishing and placing copper water stops in radial contraction joints;
- (19) 1,600 lbs. furnishing and placing galv. iron grout stops in radial contraction joints;
- (20) 150 l.f. furnishing and installing 4-in. diam. C.I. pipe drains;
- (21) 32 each, installing strain gages;
- (22) 11 each, installing resistance thermometers;
- (23) 480 l.f. furnishing and installing 3/4-in. diam. electrical metal conduit;
- (24) 1260 l.f. furnishing and installing 3/4-in. diam. electrical metal conduit;
- (25) 550 l.f. furnishing and installing 1-in. diam. electrical metal conduit;
- (26) 480 l.f. furnishing and installing 1 1/4-in. diam. electrical metal conduit;
- (27) 24 each, furnishing and installing electrical conduits;
- (28) 15,500 l.f. furnishing and installing No. 16 gage, 2-wire, electric cable;
- (29) one each, furnishing and installing electrical conduit outlet cabinet;
- (30) one job, furnishing and installing outlet structure, complete, including slide gate, frame, lifting device, trash rack, handrail, portable guards, ladder and appurtenances;
- (31) 5600 sq. ft. finishing concrete surface of spillway crest;
- (32) 15,000 sq. ft. channeling or drilling and broaching vertical rock surface.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 30

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until June 1, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Construction Engineer, Old Post Office Bldg., Sacramento, under Spec. No. 780, for the construction of Shasta Dam and Power Plant, Central Valley Project.

Work involves:

- (1) 3,215,000 c.y. all classes of excavation;
- (2) 200,000 c.y. backfill;
- (3) 250,000 c.y. earth fill in embankment;
- (4) 100,000 c.y. rolled rock fill in embankment;
- (5) 1,087,500 c.y. of rock fill;
- (6) 1,000 c.y. of rubble masonry;
- (7) 20,000 c.y. waterbound macadam base course on roads;
- (8) 9,600 c.y. crushed rock wearing course on roads;
- (9) 1,600 c.y. of ballast on railroad roadbed;
- (10) 1,500,000 cu. ft. pressure grouting;
- (11) 5,610,000 c.y. of concrete;
- (12) Placing 26,000,000 lbs. of reinf. bars and fabric;
- (13) hauling and spreading 230,000 gals. of road oil;
- (14) constructing 9,000 l.f. of guard-rail;
- (15) laying 3,400 track feet of ties and rails;
- (16) Drilling 370,000 l.f. of exploratory, grout, drainage and other holes;
- (17) manufacturing and placing 100,000 l.f. of porous concrete drain tile;
- (18) Constructing 12,450 l.f. 6- to 36-inch pipe drains;
- (19) installing 370,000 l.f. of metal sealing strips;
- (20) installing 130,000 l.f. of cover plates on grout grooves;
- (21) installing 55,000 sq. ft. of expansion-joint filler;
- (22) installing 81,000 sq. ft. of roofing materials;
- (23) installing 5,000 sq. ft. of glass block panels;
- (24) installing 4,200,000 lbs. of drum gates and control mechanisms;
- (25) installing 8,750,000 lbs. of other gates and appurtenances;
- (26) installing 13,600,000 lbs. of penstock and outlet pipes and conduit linings;
- (27) installing 3,200,000 lbs. of trash-racks;
- (28) installing 8,040,000 lbs. of pipe and tubing;
- (29) installing 4,000,000 lbs. of other metalwork;
- (30) installing 935,000 l.f. of electrical conduit;
- (31) installing 36,000 lbs. of ground wiring;
- (32) installing 166,000 l.f. of electrical cable.

Plans and specifications may be obtained at the above office or from the Bureau of Reclamation at Denver, Colo., or Washington, D. C. One copy of the specifications and drawings will be furnished to each prospective bidder without charge. The charge for additional copies to prospective bidders and for all copies to others will be \$5.00 per copy, not returnable.

Guarantee in the sum of \$2,000,000 will be required with each bid.

Performance bond in the sum of \$5,000,000 will be required.

Payment bond will be required in the sum of \$2,500,000.

Liquidated damages for delay will be \$2,000 per day.

Partial payments will be made monthly.

Article on patents will be made a part of the contract. * 30

CONTRACT AWARDED

CLATSOP COUNTY, Ore.—Mirene Company, 3101 N. Columbia Blvd., Portland, at \$48,480 was awarded contract by the U. S. Engineer Office, 628 Pittcock Block, Portland, under Bid No. 698-38-469, for the construction of approximately 3900 ft. of rock riprap revetment, situated in Drainage District No. 1 and Blind Slough Diking District, Clatsop Co. Low bid was submitted by Brookfield Co., Astoria, at \$48,100, who were also low on another flood control project and specified that they would accept one job only. * 30

CONTRACT AWARDED

CLATSOP CO. Ore.—Brookfield Co. Astoria, at \$18,928.20 (Sec. A), \$17,484 (Sec. C), and \$21,775 (Sec. D), awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-424, for the reconstruction of approximately 13,850 l.f. of levee, removal of six existing tide boxes, construction of four continuous wood stave pipe tide boxes equipped with circular automatic drainage gates, approx. 1550 l.f. of drainage ditches, approx. 4520 l.f. of rock riprap revetment, and, if necessary, of pile bulkheads, all situated in Dikings Districts Nos. 2 and 5, Clapston County, about two miles south of the City of Astoria, Ore.

31—PIPE LINES & WELLS

COMPLETE BIDS

BONNEVILLE, Oregon.—Steinman Bros., 1006 SE Sherrett St., Portland, at \$1,050 submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-93-208, for drilling and casing a well for domestic water supply on Bradford Island, Bonneville. Work involves: 150 l.f. drilling with well drill, furnishing and setting not less than 8-inch ID casing.

Total bids follow: Steinman Bros., 1006 SE Sherrett St., Portland, \$7.00 l.f.; total, \$1,050. R. J. Strasser Drilling Co., Portland, \$7.75 l.f.; total, \$1,162.50. Government estimate, \$7.87 l.f.; total \$1,180.50. 31

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Western Pump Co., Ltd., P. O. Box 47, San Jose, at \$645, awarded contract by the Public Works Officer, 12th Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8697, for inspection and repairs to pump and well at the Naval Air Station, Alameda. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

YERBA BUENA SHOALS.—Until April 18, 3 p.m., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 174, for the construction of sanitary sewer laterals on Yerba Buena Shoals.

Plans and specifications will be ready at 2 p.m., April 7, at the above office. 32

BIDS WANTED

YERBA BUENA SHOALS.—Until April 11, 3 p.m. (date postponed from April 18), bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 174, for the construction of sanitary sewer laterals on Yerba Buena Shoals.

Plans and specifications will be ready at 2 p.m., April 4, at the above

GLENN COUNTY—SURFACING—(State)

GLENN CO., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$17,411, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with gravel base and road-mix surfacing and constructing shoulders on about 3 1/4 miles on Elk Creek Rd. between 7 miles west of Willows and 10 1/2 miles west of Willows, Glenn Co., Cal.

- Work involves:
 (1) 320 M. gals. water;
 (2) 200 c.y. import borrow;
 (3) 186 sta. finishing roadway;
 (4) 7,600 c.y. gravel (base & Surf.);
 (5) 42 tons liquid asph., SC-2 (prime coat);
 (6) 240 tons liq. asph., ROMC-3, 4 or 5 (surf.);
 (7) 42,000 sq. yds. spread mix and compacting surfacing.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$1.50	\$1.50	\$0.75	\$1.25	\$1.50	\$1.50
(2)	.50	.50	.50	1.10	.35	.50
(3)	2.00	3.00	3.00	4.00	2.00	2.00
(4)	1.15	1.10	1.23	1.20	1.13	1.20
(5)	14.50	15.00	13.65	13.50	17.00	15.44
(6)	18.00	18.00	18.28	19.00	20.00	19.08
(7)	.045	.05	.045	.04	.04	.08

- (A) Lee J. Immel, 1031 Evelyn St., Berkeley—\$17,411.
 (B) Claude C. Wood, Stockton—\$448.00.
 (C) E. A. Forde, San Anselmo—\$996.50.
 (D) N. M. Ball Sons, Berkeley—\$471.00.
 (E) Poulos & McEwen, Sacramento—\$18,834.00.
 (F) Oilfields Trucking Co., Bakerfield—\$19,259.68.
 (G) Fredericksen & Westbrook, Los Angeles—\$19,544.
 (H) Harms Bros., Susanville—\$634.00.
 (I) C. W. Caletti & Co., San Rafael—\$21,746.00.
 (J) Helwig Constr. Co., Sebastopol—\$22,362.00.
 (K) Hanrahan Co., San Francisco—\$25,818.00.
 (L) E. B. Bishop, Orland—\$23,446.00.

Unit prices follow:

	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$2.30	\$1.50	\$1.25	\$1.50	\$1.00	\$1.00
(2)	.50	.50	.50	.50	1.00	.90
(3)	5.00	4.00	5.00	10.00	4.00	4.00
(4)	1.23	1.30	1.20	1.17	1.54	1.54
(5)	15.00	15.00	18.00	15.00	15.00	15.00
(6)	20.00	20.00	23.50	18.00	20.00	20.00
(7)	.05	.05	.09	.10	.06	.06

San Diego County—Grading and Paving—(State)

- (24) 10 c.y. class A portland cement concrete railing;
 (25) 674 c.y. class A portland cement conc. strucs.;
 (26) 205,500 lbs. bar reinf. steel pave. and strucs.;
 (27) 19,950 each, curb anchors;
 (28) 20 l.f. 12-in. standard reinforcing concrete pipe;
 (29) 432 l.f. 18-in. standard reinf. conc. pipe;
 (30) 356 l.f. 24-in. standard reinf. conc. pipe;
 (31) 200 l.f. 30-in. standard reinf. conc. pipe;
 (32) 156 l.f. 36-in. standard reinf. conc. pipe;
 (33) 148 l.f. 48-in. standard reinf. conc. pipe;
 (34) 24 l.f. 60-in. standard reinf. conc. pipe;
 (35) 1,046 l.f. 8-in. CMP;
 (36) 226 l.f. 18-in. CMP;
 (37) 568 l.f. 24-in. CMP;
 (38) 56 each, spillway assemblies;
 (39) 2,218 l.f. 8-in. perf. metal pipe;
 (40) 780 c.y. rock filling material;
 (41) 1,305 l.f. part circle C M cross drains;
 (42) 183 l.f. remove, clean and relay existing pipe culverts;
 (43) 960 l.f. remove, clean and salvage existing pipe culverts;
 (44) 10 each, remove and reset existing spillway assemblies;
 (45) 1,140 l.f. laminated guard railing;
 (46) 230 l.f. remove and reset existing guard railing;
 (47) 457 each, remove and reset existing guide posts;
 (48) 84 each, remove and reset existing culvert markers;
 (49) 71 each, culvert markers;
 (50) 2.4 miles, remove and reset existing property fences;
 (51) 2 sections pave. crossing dikes, Type B-10;
 (52) 300 lbs. misc. iron and steel;
 (53) 390 lbs. bronze expansion plates;
 (54) 1 lot misc. items of work;
 (55) 250 l.f. temporary railing;
 (56) 137,300 each, ice plants;
ALTERNATE ITEMS
 (Alternate "A")
 (57) 360 l.f. furnish cast in place conc. piles, type not requiring mandrel;

SAN DIEGO CO., Cal.—David Ryan, 1615 Fern St., San Diego, \$339,856.07 (Alternate A) and same figure for Alternate C, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, St. Bldg., Los Angeles, for grading & paving with Portland cement concrete and asphalt concrete about 1 1/2 miles on Pacific Highway, between Barnett Ave. and Miramar Road, the City of San Diego.

The low bidder's mistake in fill in contract form instead of cert. portions of the proposal form require an opinion by the department attorney at Sacramento before it can be announced definite that the Ryan bid is acceptable.

- Work involves:
 (1) clear and grub;
 (2) 6,200 M. gals. water;
 (3) 173,000 c.y. roadway excavation without class.;
 (4) 2,000 c.y. ditch and channel cavation;
 (5) 4,008,000 sta. yds. overhaul;
 (6) 4,250 c.y. struc. excav.;
 (7) 28,600 c.y. import borrow;
 (8) 535 c.y. remove concrete;
 (9) 47,800 l.f. remove existing forms;
 (10) 106,200 sq. yds. preparing grade;
 (11) 508 sta. finishing roadway;
 (12) 1,750 tons min. aggr., plant-surf.;
 (13) 90 tons liq. asph., MC-5 or 10 extra heavy, plant-mix surf.;
 (14) 3 tons liq. asph., MC-3, MC-4 coat;
 (15) 880 tons liq. asph., SC-2, road mix surf. treatment;
 (16) 104,700 sq. yds. preparing, raising and shaping shoulders, slopes and dikes;
 (17) 35,600 sq. yds. asph. paint 1-35;
 (18) 1,350 tons asphalt cement and concrete;
 (19) 14,800 tons min. aggregate and leveling concrete;
 (20) 10,850 tons min. aggregate and concrete, Type A surface;
 (21) 11,030 c.y. Class A portland cement concrete pavement;
 (22) 22,700 each, pave. dowels;
 (23) 1,170 c.y. class A portland cement concrete curbs;

- (58) 18 each, driving steel shells, type not requiring mandrel; (Alternate "B")
- (59) 360 lf. furnish cast in place concrete piles, mandrel type;
- (60) 18 each, driving steel shells, mandrel type; (Alternate "C")
- (61) 360 lf. furnish precast concrete piles;
- (62) 18 each, driving precast conc. piles.

NOTE: A bidder is required to submit a bid on one Alternate, and may, but is not required to, submit bids on all the Alternatives.

The contract will be awarded unless all bids are rejected to the lowest responsible bidder for the work as a whole, irrespective of the Alternative on which his bid is based.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	3000.00	1000.00	3000.00	1500.00	2500.00	1000.00	1500.00	4000.00	2000.00
(2)	.20	.75	.75	.60	1.35	.50	.65	70	1.25
(3)	.24	.30	.27	.32	.23	.24	.25	.32	.30
(4)	1.00	.50	.45	.65	.65	1.00	.50	.25	.90
(5)	.0025	.0035	.003	.0025	.005	.0025	.004	.003	.003
(6)	1.20	1.00	.90	1.00	1.10	1.00	.75	1.00	1.15
(7)	.29	.31	.46	.45	.42	.50	.60	.50	.42
(8)	2.50	3.50	2.75	4.00	9.00	2.00	2.00	2.00	5.15
(9)	.02	.0175	.01	.015	.02	.02	.01	.05	.02
(10)	.15	.09	.09	.09	.08	.10	.08	.08	.10
(11)	5.00	3.00	6.00	3.00	4.00	10.00	6.00	6.00	5.00
(12)	2.60	3.40	2.75	3.50	2.15	3.50	2.60	3.08	3.60
(13)	15.00	15.00	14.00	15.00	15.00	15.00	14.50	14.00	14.30
(14)	28.00	35.00	14.00	31.00	30.00	25.00	20.00	35.00	40.00
(15)	8.50	8.00	9.00	8.00	8.50	9.00	8.75	8.00	8.85
(16)	.05	.0525	.09	.04	.07	.06	.07	.06	.07
(17)	.02	.02	.02	.02	.02	.02	.03	.02	.013
(18)	14.77	13.50	12.00	14.50	14.00	15.00	14.00	12.75	13.80
(19)	2.00	2.00	2.35	2.30	2.25	2.50	2.90	3.38	2.85
(20)	2.30	2.25	2.50	2.50	2.15	2.80	3.15	3.53	3.00
(21)	6.95	7.00	7.50	7.00	7.00	7.80	8.00	7.97	8.50
(22)	.14	.125	.14	.125	.12	.15	.22	.14	.33
(23)	15.50	22.00	17.00	15.00	16.00	15.00	11.00	12.00	18.00
(24)	73.00	60.00	50.00	70.00	75.00	50.00	50.00	60.00	65.00
(25)	21.50	19.75	17.50	19.00	22.00	20.00	20.00	21.00	22.00
(26)	.065	.0575	.055	.055	.053	.06	.05	.05	.055
(27)	.22	.125	.15	.15	.045	.30	.15	.05	.25
(28)	1.50	1.80	1.55	2.00	2.00	2.00	2.50	1.90	1.65
(29)	2.15	2.10	2.30	2.25	2.50	2.50	3.00	2.30	2.30
(30)	2.79	2.70	3.00	2.75	3.00	3.00	3.50	2.90	2.95
(31)	4.30	3.94	4.50	4.00	4.50	5.00	4.50	4.00	4.30
(32)	5.60	5.20	5.50	5.00	5.50	6.00	6.50	5.50	5.40
(33)	7.60	7.20	8.00	7.00	7.50	8.00	9.00	7.50	7.45
(34)	4.30	9.75	11.00	10.00	10.00	12.00	12.50	11.00	10.00
(35)	1.05	.90	.95	1.00	1.10	1.00	.90	.95	1.00
(36)	1.90	1.80	1.80	1.75	1.80	2.00	2.00	2.00	1.75
(37)	2.80	2.86	2.80	2.75	2.50	2.50	2.40	3.14	2.65
(38)	16.00	13.00	15.00	16.00	14.00	15.00	12.00	15.00	13.00
(39)	.95	.90	.90	1.00	1.10	1.00	.90	.95	.90
(40)	1.95	1.80	3.00	2.30	1.50	3.00	2.20	3.00	3.25
(41)	.55	.50	.65	.60	.70	.60	.60	.70	.65
(42)	.40	.60	.60	.50	1.20	1.00	1.00	1.50	.45
(43)	.40	.50	.40	.50	.85	.50	.50	.90	.40
(44)	8.65	3.00	6.00	5.00	4.25	5.00	6.00	6.00	5.00
(45)	.90	1.15	1.00	1.00	1.10	1.25	2.00	1.00	1.00
(46)	.80	.50	.50	.50	.50	1.00	1.50	.50	.75
(47)	1.25	.45	.75	1.50	1.25	1.00	1.00	.60	1.25
(48)	1.70	.50	.75	1.75	1.35	1.00	1.50	.60	1.50
(49)	2.00	2.00	2.00	2.50	2.20	2.50	3.00	2.00	2.60
(50)	150.00	400.00	180.00	400.00	275.00	300.00	300.00	400.00	400.00
(51)	30.00	2500.00	40.00	50.00	40.00	30.00	35.00	200.00	2500.00
(52)	.24	.30	.25	.25	.40	.25	.30	.25	.25
(53)	.40	.50	.50	.45	.50	.40	.30	.40	.50
(54)	600.00	350.00	450.00	550.00	300.00	1000.00	500.00	1000.00	575.00
(55)	1.39	2.00	1.10	1.25	1.25	2.00	1.50	1.00	1.00
(56)	.015	.02	.025	.03	.03	.035	.03	.05	.04
Alt. A—									
(57)	4.20	2.25		3.75		5.00		3.50	3.50
(58)	50.00	25.00		50.00		50.00		2.00	25.00
Alt. B—									
(59)		3.00				5.00		6.00	
(60)						50.00		2.00	
Alt. C—									
(61)	2.20		2.40	2.50	2.40	3.00	2.00	3.00	
(62)	90.00		30.00	50.00	55.00	50.00	50.00	40.00	

- (A) David H. Ryan, Alt. A—\$339,886.07; B, no bid; C, \$339,886.07.
- (B) Daley Corp., San Diego—A, \$348,429.78; B and C, no bid.
- (C) W. R. Dennis Constr. Co., San Diego—A and B, no bid; C, \$354,005.70.
- (D) Griffith Co., L. A.—A, \$354,577.30; B, no bid; C, \$354,127.30.
- (E) Oswald Bros., L. A.—A and B, no bid; C, \$358,332.50.
- (F) Metropolitan Constr. Co., Los Angeles—A and B, no bid; C, \$372,420.80.
- (G) R. E. Hazard & Son, San Diego—A and B, no bid; C, \$376,224.10.
- (H) United Concrete Pipe Corp., A—A, \$397,704.62; B, \$398,504.62; C, \$398,208.62.
- (I) J. E. Haddock, Ltd.—A, \$401,523.65; B and C, no bids.

Unit prices follow:

BIDS WANTED

LOS ANGELES, Cal.—Until April 12, 2 P. M., bids will be received by the Los Angeles County Supervisors for the relocation of the Los Angeles River Crossing of the Newell St. Sewer, 425 lf.

Work involves:

- (1) 408 f. double barrel sewer (Detail X on drawings);
- (2) lump sum, manhole struc. (Detail A on drawings);
- (3) lump sum, standpipe struc. (Detail B on drawings);
- (4) lump sum, manhole struc. (Detail C on drawings);
- (5) lump sum, manhole struc. (Detail D on drawings);
- (6) 90 c.y. rock fill in place at manhole struc.;
- (7) 300 sq. ft. (horizontal projection) placing mortar to min. depth of 0.6 ft. in the top surf. of rock fill of Item No. 6;
- (8) 10 c.y. addl. or less Class F concrete, due to any authorized change in neat lines, of any reinforced concrete struc. to be built hereunder;
- (9) 1000 lbs. placing addl. or less reinf. steel;
- (10) 300 ft. 24-in. C I pipe, aggregate length 24-in. C I pipe salvaged from the existing sewer and delivered to the district in acceptable condition.

Plans and specifications may be obtained from the Chief Engineer, C. H. Howell, Flood Control Dept., 751 S. Figueroa St., Los Angeles. Mame B. Beatty, clerk of the board.

LOW BIDDER

YERBA BUENA ISLAND.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$5,965, submitted low bid to the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 170, for construction of Sewage Treatment Plant on Yerba Buena Island. * 32

33— WATER WORKS

CONTRACT AWARDED

PENDLETON, Oregon.—C. E. Selbaugh Company, at \$6290 submitted low bid and was awarded contract by City Water Supt. J. L. Vaughn, for the construction of water line and pump house to supply Pendleton municipal airport with city water. * 33

BIDS WANTED

YAKIMA, Wash.—Until April 11, bids will be received by the Yakima City Engineer, A. B. Collins, for the construction of the Ninth Avenue Irrigation System, Yakima.

Work involves:

- (1) 786 feet 6-in. cast iron pipe;
- (2) 1360 feet 4-in. cast iron pipe;
- (3) 1340 feet 3-in. cast iron pipe;
- (4) 2 cast iron valves boxes with tees
- (5) two 4-inch gate valves;
- (6) 300 feet of ¾-in. galv. pipe;
- (7) reducers and other fittings and 100 ½-in. service connections.

* 33

CONTRACT AWARDED

REDDING, Shasta Co., Cal.—J. P. Brennan, Redding, at \$101,573 (with Alternate E), was awarded contract by the Redding City Council, Winfred Wright, City Clerk, Redding, for construction of Municipal Water System at Redding. * 33

34— PARKS AND PLAY-GROUNDS

BIDS WANTED

ELY, Nevada.—Until April 27, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for land-

BIDS WANTED

LOS ANGELES, Cal.—Until April 27, 10 a.m., bids will be received by Los Angeles board of public works for constructing sanitary sewer in Amar St. and Hanford Ave. Sewer District (Harbor District), under 1911 Act. The work involves:

- (1) lump sum, sewer (4207.50 ft. 8-in. standard strength pipe, 1465 ft. 8-in. extra strength pipe, 168 ft. 8-in. C I pipe);
- (2) 2240 ft. house connection sewers;
- (3) 162,646 sq. ft. class AA resurf. * 32

MENDOCINO COUNTY—GRADING—(State)

MENDOCINO COUNTY, Calif.—Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$28,499.90 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying penetration oil treatment on about 13 miles between Henry Gulch and Westport Gulch, Mendocino Co., Cal.

- Work involves:
- (1) 9 acres clear and grubb right of way;
 - (2) 475 M. gals. water;
 - (3) 44,900 c.y. roadway excavation, without classification;
 - (4) 2,280 c.y. struc. excav.;
 - (5) 725 c.y. ditch and channel excavation;
 - (6) 18,500 sta. yds. overhaul;
 - (7) 1,455 c.y. import, borrow;
 - (8) 69 sta. finish roadway;
 - (9) 41 tons lq. asph., SC-2, penetration oil treatment;
 - (10) 870 lbs. bar reinf. steel;
 - (11) 26 c.y. class A portland cement concrete struccs.;
 - (12) 39 MFEM Redwood timber, dense, select, all-heart struc. grade;
 - (13) 2.2 MFEM Redwood timber, select, all-heart struc. grade;
 - (14) 156 l.f. 8-in. CMP;
 - (15) 298 l.f. 18-in. CMP;
 - (16) 170 l.f. 24-in. CMP;
 - (17) 48 l.f. 30-in. CMP;
 - (18) 138 l.f. 36-in. CMP;
 - (19) 202 l.f. 54-in. 8-gauge CMP;

- (20) 94 l.f. 54-in. 10-gauge CMP;
 - (21) 118 l.f. 60-in. 8-gauge CMP;
 - (22) 660 l.f. 6-in. perf. metal pipe underdrains;
 - (23) 646 l.f. 8-in. perf. metal pipe underdrains;
 - (24) 215 c.y. rock filling material;
 - (25) 200 c.y. river run gravel;
 - (26) 4 each, spillway assemblies;
 - (27) 30 each, culvert markers;
 - (28) 1 each, frame and grating;
 - (29) 1 lot remove and dispose of existing bridges.
- The State will furnish C M P, perforated metal pipe underdrains, and spillway assemblies, etc.

- Total bids follow:
- (A) Rock & Gravel Trucking Co., 4650 El Centro Ave., Oakland, \$28,449.90.
 - (B) Harold Smith, St. Helena, \$31,506.85.
 - (C) Chas. L. Harney, San Francisco, \$32,451.05.
 - (D) John Burman and Sons, Eureka, \$34,265.80.
 - (E) Valley Const. Co., San Jose, \$35,719.75.
 - (F) F. J. Maurer and Son, Inc., Eureka, \$35,862.15.
 - (G) Guerin Bros., San Francisco, \$38,443.00.
 - (H) Claude C. Wood, Stockton, \$41,511.80.
 - (I) Lee J. Immel, Berkeley, \$44,985.00.
 - (J) C. W. Caletti & Co., San Rafael, \$48,122.20.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(11.)	\$ 40.00	\$ 50.00	\$310.00	\$100.00	\$180.00	\$120.00	\$ 80.00	\$300.00	\$ 75.00	\$ 75.00
(2.)	1.50	1.25	.50	1.25	1.50	2.50	1.50	1.50	1.50	1.00
(3.)	.275	.35	.28	.38	.36	.38	.44	.50	.50	.54
(4.)	1.00	1.50	1.65	1.25	1.25	1.50	1.30	1.30	1.50	1.50
(5.)	1.00	1.00	1.00	1.10	1.00	1.50	1.30	1.00	1.00	.80
(6.)	.01	.01	.01	.01	.02	.005	.004	.01	.01	.01
(7.)	1.50	1.80	1.90	1.40	1.75	.75	2.40	.80	3.00	4.00
(8.)	5.00	8.00	9.50	8.00	10.00	8.00	7.00	5.00	7.00	10.00
(9.)	20.00	18.00	20.00	26.00	28.00	22.00	20.00	30.00	30.00	26.00
(10.)	.08	.06	.065	.07	1.0	.07	.07	.10	.10	.07
(11.)	30.00	29.00	26.20	30.00	40.00	30.00	26.00	30.00	30.00	49.00
(12.)	97.50	90.00	103.00	85.00	90.00	95.00	80.00	98.00	97.00	95.00
(13.)	95.50	90.00	94.00	85.00	90.00	95.00	80.00	93.00	133.00	110.00
(14.)	.40	.40	.25	.30	.50	.30	.40	.40	.50	.40
(15.)	.65	.50	.55	.60	.75	.50	.60	.45	.70	.50
(16.)	.75	.75	.65	.75	.75	.75	.75	.60	.80	.60
(17.)	1.00	.90	.75	.90	1.00	.80	1.00	1.00	1.00	.75
(18.)	1.20	1.00	1.10	1.00	1.00	1.25	1.25	1.10	1.10	1.00
(19.)	2.50	1.50	3.20	1.60	1.25	2.50	2.75	3.00	2.75	1.25
(20.)	2.50	1.50	2.90	1.65	1.25	2.50	2.60	2.80	2.50	1.25
(21.)	3.50	1.50	4.40	1.80	2.50	2.50	3.00	4.00	3.00	1.50
(22.)	.40	.30	.25	.30	.50	.30	.30	.40	.40	.30
(23.)	.50	.30	.35	.40	.50	.30	.30	.40	.50	.40
(24.)	2.00	1.50	1.40	3.75	4.00	3.00	2.40	3.00	4.00	4.00
(25.)	2.00	1.50	1.40	1.00	2.00	1.50	3.00	1.50	4.00	4.00
(26.)	10.00	10.00	9.70	6.00	5.00	10.00	10.00	5.00	5.00	4.00
(27.)	2.00	3.00	3.50	3.00	3.00	4.00	3.00	3.00	3.00	3.00
(28.)	50.00	50.00	90.00	65.00	30.00	60.00	60.00	50.00	30.00	75.00
(29.)	300.00	800.00	500.00	1030.00	700.00	1500.00	1000.00	700.00	1500.00	2500.00

SAN FRANCISCO—Constr. Curbs on Diamond St.—(City)

SAN FRANCISCO—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$914.50 submitted low bid to Department of Public Works, Room 251, City Hall, under Spec. No. 19,128, for construction of vertical curves on Diamond street at north line of Clipper St. and the north line of 22nd Street. Work involves:

- (1) 180 l.f. armored concrete curb;
- (2) 1550 sq. ft. two-course concrete sidewalk;
- (3) 500 sq. ft. remove and replace 6-in. Class E concrete (center strip pavement);
- (4) 1000 sq. ft. remove existing asph.

- (5) wearing surface;
- (5) 3100 sq. ft. 1½-in. asph. concrete wearing surface;
- (6) 45 tons asph. conc. base course;
- (7) 1 brick catchbasin, complete.

- Total bids follow:
- (A) Pacific Pavements Co., Ltd., 85 Barstow Street, \$914.50.
 - (B) M. J. Lynch, \$989.55.
 - (C) Chas. L. Harney, \$991.50.
 - (D) Eaton and Smith, \$995.00.
 - (E) E. J. Treacy, \$1088.50.
 - (F) A. G. Raisch, \$1194.10.
 - (G) The Pave Improvement Co., \$1,290.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.80	\$.85	\$.95	\$.75	\$ 1.00	\$.97	\$ 1.00
(2)	.13	.136	.14	.15	.15	.17	.16
(3)	.27	.27	.27	.30	.40	.33	.38
(4)	.03	.03	.05	.02	.03	.08	.07
(5)	.04	.055	.05	.05	.06	.06	.07
(6)	4.00	4.25	3.60	4.50	4.00	5.00	6.00
(7)	100.00	99.00	100.00	100.00	80.00	100.00	115.00

scape work at the U. S. Post Office at Ely.

Drawings and specifications obtainable at the above office and from the Custodian of the Building at Ely.

BIDS OPENED

SALINAS, Monterey Co., Calif.—California Nursery Co., Inc., Niles, at \$3,450, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Salinas.

Other bids were: National Evergreen Sales, L. A., \$3,898.51.

Walter A. Hoff Landscaping Organization, Palo Alto, \$3,170.

BIDS OPENED

SAN FRANCISCO—Anderson and Rowe, 45 Belcher St., at \$3,367 submitted low bid to the Recreation Commission, Josephine Dows Randall, Superintendent, Room 370, City Hall, for the construction and installation of a swimming pool water purification plant at the North Beach Playground pool located on Lombard Street between Powell and Mason.

Bids were received with the following alternates: (1) deduct if present equipment is salvaged by contractor; (2) deduct if pool cleaner line is omitted; (3) deduct if the rate of filtration is 20,500 gals. per hour instead of 22,500 gals. per hour, as specified.

Total bids follow: Anderson & Rowe, San Francisco, \$3,367; (2) \$253. Cory & Joslin, Inc., \$4,309; (1) \$75; (2) \$244; (3) \$4,259. Herman Lawson Co., \$4,380; (1) \$20; (2) \$73; (4) \$4,340. Jas. A. Nelson, Inc., (1) \$10; (2) \$400 (3) \$5,540.

BIDS REJECTED

FLAGSTAFF, Ariz.—The Procurement Division, Washington, D. C., rejected all bids for landscape work at the U. S. Post Office at Flagstaff. Bids in excess of amount available.

CONTRACT AWARDED

SOUTH GATE, Los Angeles Co., Cal.—Kenneth Fraser, 1452 N. Lake Ave., Pasadena, at \$1,021 awarded contract by the Procurement Division, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at South Gate.

BIDS OPENED

SELMA, Fresno Co., Cal.—National Evergreen Sales, Los Angeles, at \$1,298.40, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office at Selma.

California Nursery Co., Niles, at \$1,517.42, submitted only other bid.

BIDS WANTED

SOUTH GATE, Los Angeles Co., Cal.—Until April 27, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Post Office at South Gate.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at South Gate.

35—TUNNELS

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until Apr. 11, 10 A. M., bids will be received by U. S. Bur. of Reclamation Old Post Office Bldg., Sacramento, under Spec. No. 771, for the construction of the diversion tunnel and tem-

ary relocation of the Southern Pacific Railroad at Shasta Dam, Innet Division, Central Valley project.

Work involves:
 35,800 c.y. of all classes of excavation for roadway;
 50,000 sta. c.y. of overhaul;
 500 c.y. of all classes for excavation for struc.;
 46,750 c.y. of excav. in tunnel;
 800 c.y. of backfill;
 25 sq. yds. of dry-rock paving;
 13,125 c.y. of concrete in tunnel;
 525 c.y. of concrete in struc.;
 furnishing and installing 70,000 lbs. of permanent steel tunnel supports;
 placing 10,000 lbs. of reinf. bars; installing 12,000 lbs. of grout and drain pipes;
 installing 300 lf. of metal scaling strips;
 drilling 750 lf. of weep holes; laying 25 lf. 18-in. dia. corr. metal pipe;
 placing 460 cinch anchors in tunnel lining;
 erecting 50,000 lbs. of steel cover section.
 used at the above office.
 and specifications may be

SAN FRANCISCO CO. PERMITS UNDER 1500

ER store, \$128; 1500 Howard St.; owner, Frank Molloy, premises; contractor, J. K. Herzog Electric Co., 370 Van Ness Ave. South.
 ER dwelling, \$500; 133 Sadowa; owner, A. L. Gray, 719 Sargent.
 N, electric, \$125; 620 Broadway; owner, Texas Chile Co., premises contractor, Western Neon Lite Co., 75 Fremont St.
 N, electric, \$185; 49 Grant Ave.; owner, The Bamboo, premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.
 E, \$50; 25 Hoff St.; owner, Anglo Calif. National Bank, 1 Sansome; contractor, Henry Ernst & Sons, 551 Hayes St.
 ER bar, \$200; 1446 Haight St.; owner, Paul A. Vogler, premises.
 ER bakery, \$475; 1631 Ocean Ave.; owner, Otto Weber, prem.; contractor, Beal Store Equip. Co., 2745 16th St.
 N, electric, \$120; 718 Market St.; owner, Price Shoe Store, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 N, electric, \$70; 849 Grant Ave.; owner, The Bamboo, premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.
 ER dwelling, \$150; 212-14 Second Ave.; owner, K. T. Borden, premises; contractor, All American Bldrs., Inc., 3131 Washington St.
 AGE, frame, \$150; SW Italy and Lisbon; owner, David Del Carlo 700 Lisbon.
 N, electric, \$200; 3315 Sacramento St.; owner, Mr. Walters, 3315 Sacramento; contractor, Western Neon Lite Co., 75 Fremont St.
 ER dwelling, \$250; 2211 Van Ness Ave.; owner, W. D. Forbes 211 Van Ness Ave.
 N, electric, \$120; 718 Market St.; owner, Price Shoe Store, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 CING walls, \$354; 128-30 Second St.; owner, American Trust Co., 64 California St.; contractor, W. W. Marke Iron Works, 780 Brannan.
 ER flats, \$450; 3441-45 Clay St.; owner, H. and F. Blue, c/o contractor, contractor, L. Salomon, 734 Broderick St.
 ER dwelling, \$583; 6700 Fulton; owner, Neal Henderson, Prem.; contractor, G. & O. Termitte Contractor, 557 Market St.

Maricopa County, Ariz.—Hwy. Improvement—(State)

MARICOPA COUNTY, Ariz.—Tanner Const. Co., 801 Security Building, Phoenix, at \$108,461.90 submitted low bid and was awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of the Phoenix-Prescott Highway, FA 59, 3rd reop., Sch. 2 (1938) AFE 8985. The work, which begins about three miles south of Wickenburg bridge and extends south about 2½ miles, consists of grading, draining, aggregate base course and SC-4 road oil road mix, and is to be completed on or before Nov. 15, 1938.

- Work involves:
 (1) 28,149 sq. yds. salvage and stockpile oil cake;
 (2) 119,829, c.y. rdwy. excav., unclass.;
 (3) 5,000 c.y. slides and overbreakage;
 (4) 1,410 c.y. drainage excav., unclass.;
 (5) 3,200 lf. crown ditches;
 (6) 1,658 c.y. structural excav., unclass.;
 (7) 70 c.y. removal of old concrete;
 (8) 71,100 sta. yd. station yd. overhaul;
 (9) 6,640 c.y. mi. cubic yard mile haul;
 (10) 25,603 tons coarse agg. base course (CIP);
 (11) 5,724 tons fine do;
 (12) 2,686 M. gals. sprinkling (CIP);
 (13) 1,030 hours rolling;
 (14) 1,065 yds. Class A concrete (including cement);
 (15) 117,915 lbs. reinf. steel bars, CIP
 (16) 970 lf. 24-in. CMP (CIP except excavation);
 (17) 396 lf. 36-in. CMP (do);
 (18) 84 lf. 48-in. CMP (do);
 (19) 300 c.y. plain riprap (CIP);
 (20) 29,760 lf. standard line fence (CIP);
 (21) 10 each standard wire gates, type 2 (CIP);
 (22) 3 each standard steel gates, type 1 (CIP);

- (23) 296 each guide posts (CIP);
 (24) 40 each r/w markers, type A (CIP);
 (25) 4,506 tons mineral agg. (CIP);
 (26) 56,313 gals. road oil (SC-4) for road mix (CIP on road);
 (27) 2,605 tons relaying old oil mix (CIP);
 (28) 2,637 miles processing road mix;
 (29) 110 tons emulsified asph. (Class A) CIP (for seal coat over both old and new cake);
 (30) 790 tons screens (type B) do;
 (31) 400 lf. furnishing and driving H-column piles (CIP);
 (32) 1 lump sum, furnishing and driving H-column test pile (CIP);
 (33) 1 lump sum, loading test pile;
 (34) 80 lf. wire basket bank protection (Detail A) (CIP);
 (35) 1 lump sum, removal of concrete bridge (right station 1025 plus 80);
 (36) 100 lf. 6-in. water pipe (CIP);
 (37) 300 lf. resetting 6-in. water pipe (CIP);
 (38) 2 each cattle guards (side-road) (CIP except excavation & concrete).

Total bids follow:

- (A) Tanner Const. Co., 801 Security Bldg., Phoenix, \$108,461.90.
 (B) Skonsen Bros., Albuquerque, N. M., \$111,220.15.
 (C) Phoenix-Tempe Stone Co., Phoenix, \$121,415.81.
 (D) W. E. Hall Const. Co., Phoenix, \$124,276.93.
 (E) W. E. Orr, Contr., Prescott, Arizona, \$128,047.15.
 (F) Lee Moor Contr. Co., El Paso, Texas, \$139,259.36.
 (G) Heuser & Garnett, Contractors, Holbrook, Ariz., \$141,839.04.
 (H) Oswald Bros., Contractor, Phoenix, \$147,164.95.
 (I) H. J. Tagen, Contractor, Globe, Ariz., \$153,812.60.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$.08	\$.07	\$.04	\$.08	\$.07	\$.08	\$.04	\$.05	\$.08
(2).....	.30	.31	.36	.37	.42	.45	.48	.44	.56
(3).....	.225	.2325	.27	.2775	.315	.3375	.36	.33	.42
(4).....	.18	.25	.25	.37	.30	.36	.25	.60	.30
(5).....	.05	.15	.19	.08	.15	.12	.10	.15	.10
(6).....	.65	1.00	.95	1.00	.90	1.00	1.00	1.50	1.00
(7).....	8.00	7.00	5.00	6.00	3.00	6.00	10.00	5.00	10.00
(8).....	.01	.02	.01	.015	.01	.02	.02	.02	.02
(9).....	.20	.24	.19	.30	.25	.25	.30	.15	.30
(10).....	.32	.25	.40	.33	.25	.40	.45	.50	.30
(11).....	.35	.35	.40	.39	.45	.45	.45	.50	.50
(12).....	1.00	.90	.75	1.25	1.00	1.50	1.50	1.50	2.00
(13).....	2.50	2.50	3.25	3.00	2.75	3.00	2.50	3.00	3.00
(14).....	18.00	17.50	19.00	18.00	18.00	20.00	19.00	23.00	20.00
(15).....	.05	.05	.05	.05	.05	.05	.055	.06	.05
(16).....	2.50	2.30	2.75	2.60	2.80	2.75	2.50	2.50	2.75
(17).....	4.85	4.80	5.00	5.00	5.00	5.00	4.00	5.00	5.50
(18).....	6.25	7.50	7.00	6.75	6.50	6.25	6.50	7.00	7.50
(19).....	1.50	3.00	2.00	2.50	3.00	4.00	3.50	5.00	3.00
(20).....	.07	.08	.075	.075	.07	.075	.07	.08	.075
(21).....	8.00	5.00	6.00	6.00	5.00	5.00	7.00	6.00	10.00
(22).....	26.00	20.00	24.00	20.00	25.00	20.00	20.00	25.00	25.00
(23).....	2.00	2.00	2.50	3.00	2.50	2.50	2.50	3.00	2.50
(24).....	2.00	3.00	2.50	3.00	2.50	2.50	3.00	3.00	2.50
(25).....	.38	.40	.38	.50	.55	.50	.52	.60	.50
(26).....	.08	.075	.075	.075	.08	.08	.07	.08	.08
(27).....	.35	.70	.75	.60	.90	.50	.75	.60	.50
(28).....	400.00	550.00	450.00	509.00	500.00	500.00	600.00	700.00	750.00
(29).....	26.00	25.00	29.00	29.00	29.50	26.00	30.00	30.00	35.00
(30).....	2.50	2.50	3.10	3.50	4.00	3.50	2.00	3.50	3.00
(31).....	4.00	5.00	3.75	4.50	4.75	4.25	3.00	5.00	4.00
(32).....	250.00	300.00	175.00	150.00	150.00	125.00	150.00	200.00	200.00
(33).....	200.00	200.00	200.00	200.00	100.00	100.00	150.00	100.00	100.00
(34).....	2.50	5.00	3.00	5.00	4.00	6.00	3.50	5.00	10.00
(35).....	200.00	250.00	250.00	250.00	270.00	400.00	400.00	250.00	300.00
(36).....	1.75	2.00	2.25	2.00	1.75	1.50	2.00	1.50	2.00
(37).....	1.15	.25	.25	.50	.50	.50	.60	.50	.20
(38).....	300.00	350.00	250.00	275.00	200.00	225.00	100.00	250.00	200.00

Los Angeles County—Undergrade Crossing and Approaches—(State)

LOS ANGELES COUNTY, Cal.—Oscar Oberg, 150 N. Vista St., Los Angeles, at \$165,732.25 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Southern Pacific railroad near Hewitt Station and approaches, Los Angeles County.

Work involves:

- (1) 19 sta. clear and grubbing;
- (2) 600 M. gals. water;
- (3) 41,000 c.y. rdwy. excav., unclass.
- (4) 8,500 c.y. struc. excav.;
- (5) 2,000 c.y. remove concrete;
- (6) 14,600 sq. yds. preparing sub-grade;
- (7) 19 sta. finishing rdwy.;
- (8) 1,000 sq. yds. asphaltic paint binder;
- (9) 4 tons liquid asphalt SC-2 prime coat;
- (10) 800 tons min. agg. plant mix surf.;
- (11) 40 tons liquid asph. ROMC-4 or ROMC-5 plant mix surf.;
- (12) 2,900 c.y. Class A Portland cement conc. pave.;
- (13) 4,700 each pavement dowels;
- (14) 147,000 lbs. bar reinf. steel pave. and struc.;
- (15) 1,750 c.y. Class A Portland cement conc. struc.;
- (16) 430,000 lbs. struc. steel;

- (17) 102,000 lbs. wrought iron plate;
- (18) 300 lbs. copper strip;
- (19) 12,000 lbs. misc. iron and steel;
- (20) 39,000 lbs. steel rail assemblies;
- (21) 9 MPEM treated Douglas fir timber;
- (22) 1,700 sq. ft. galv. sheet iron covering;
- (23) 450 c.y. Class A Portland cement conc., slope paving;
- (24) 6,500 sq. yds. wire mesh reinf.;
- (25) 20 lf. 12-in. standard reinforced concrete pipe;
- (26) 65 lf. 18-in. do;
- (27) 350 lf. 24-in. do;
- (28) 830 lf. 36-in. do;
- (29) 52 lf. 12-in. extra strength reinf. concrete pipe;
- (30) 52 lf. 18-in. do;
- (31) 1,050 lf. 24-in. do;
- (32) 130 lf. 36-in. do;
- (33) 40 lf. 8-in. CMP;
- (34) 16 lf. 10-in. CMP;
- (35) 2,900 lf. 4-in. stand. drain tile;
- (36) 330 lf. 8-in. perf. metal pipe underdrains;
- (37) 160 c.y. rock filling material;
- (38) 180 lf. 8-in. extra strength vit. clay pipe;
- (39) 200 lf. 10-in. do;
- (40) 100 lf. 12-in. do;
- (41) 300 lf. 15-in. do;
- (42) 4 each junction chambers, type P;
- (43) 2 each do, type H;
- (44) 635 c.y. Class A Portland ce-

- ment conc. curbs, gutters, side-walks and driveways;
- (45) 148 each oleander plants;
- (46) 1,130 lf. pipe railing;
- (47) 30 c.y. protective covering;
- (48) 1 lot electrical equipment;
- (49) 1 lot pumping equipment;
- (50) 1 lot misc. items of work.

Total bids follow:

- (A) Oscar Oberg, Los Angeles, \$165,732.25.
- (B) John Strona, Pomona, \$169,990.55.
- (C) Byerts & Dunn, Los Angeles, \$172,166.00.
- (D) United Concrete Pipe Corp., Los Angeles, \$183,057.60.
- (E) Gibbons & Reed Co., Burbank, \$175,452.37.
- (F) Minnis & Moody and Werner & Webb, Los Angeles, \$179,741.50.
- (G) Claude Fisher Co., L'd., Los Angeles, \$180,909.00.
- (H) J. E. Haddock, Ltd., Pasadena, \$181,415.35.
- (I) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$184,986.07.
- (J) Winston Bros. Co., Los Angeles, \$188,247.15.
- (K) Griffith Co., Los Angeles, \$190,493.50.
- (L) Los Angeles Paving Co., Los Angeles, \$198,618.60.
- (M) Gates & Huntley, Los Angeles, \$215,431.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	\$ 10.00	\$ 20.00	\$ 10.00	\$ 500.00	\$ 22.00	\$ 5.00	\$ 50.00	\$ 10.00	\$ 25.00	\$ 16.00	\$ 25.00	\$ 79.00	\$ 100.00
(2)	.50	1.25	2.00	1.18	.50	1.00	1.00	1.25	1.00	.65	.50	1.50	1.00
(3)	.23	.25	.20	.32	.28	.30	.31	.23	.30	.30	.26	.40	.20
(4)	.70	.75	.75	.85	.85	1.00	1.00	1.20	1.00	1.00	1.00	.91	1.50
(5)	.70	1.00	1.00	1.00	.55	1.25	1.00	1.70	2.00	1.85	1.10	.74	1.50
(6)	.10	.10	.15	.09	.09	.09	.10	.11	.10	.10	.10	.10	.20
(7)	5.00	10.00	10.00	8.00	6.00	5.00	10.00	5.00	5.00	5.00	6.00	11.00	10.00
(8)	.05	.02	.03	.03	.025	.04	.05	.05	.05	.05	.03	.12	.10
(9)	12.00	14.00	12.00	15.00	13.00	12.00	13.00	17.00	20.00	12.00	13.00	18.00	15.00
(10)	2.75	2.50	2.50	2.30	2.10	2.30	2.80	3.25	2.75	2.30	3.20	2.40	2.50
(11)	12.00	15.00	12.00	12.00	13.00	12.50	12.00	12.75	15.00	12.50	14.00	16.00	15.00
(12)	7.30	7.00	7.50	10.35	8.50	8.00	8.00	8.20	7.50	8.10	7.60	7.95	10.00
(13)	.11	.11	.15	.12	.14	.15	.13	.13	.15	.13	.13	.14	.20
(14)	.044	.041	.05	.05	.0525	.05	.045	.048	.05	.047	.05	.05	.055
(15)	16.60	15.00	14.00	15.76	14.00	14.00	15.50	16.00	17.00	17.50	19.00	21.00	21.00
(16)	.078	.079	.09	.08	.0795	.0875	.082	.079	.085	.082	.09	.08	.09
(17)	.097	.105	.12	.12	.1077	.115	.11	.12	.115	.11	.125	.117	.12
(18)	.45	.40	.50	.35	.50	.50	.50	.40	.50	.50	.50	.42	.70
(19)	.13	.18	.15	.14	.16	.18	.12	.13	.15	.18	.14	.14	.20
(20)	.045	.04	.05	.04	.05	.055	.04	.045	.045	.06	.045	.055	.08
(21)	100.00	85.00	100.00	70.00	120.00	100.00	100.00	97.00	80.00	90.00	100.00	145.00	120.00
(22)	.09	.025	.10	.08	.10	.10	.10	.10	.12	.19	.10	.11	.11
(23)	12.00	12.00	13.00	.09	13.50	12.00	12.00	13.50	12.00	14.00	14.50	13.30	15.00
(24)	.25	.22	.25	.22	.25	.30	.30	.26	.30	.30	.30	.31	.30
(25)	2.55	2.75	1.50	2.30	1.72	1.65	1.80	1.75	1.75	1.60	2.00	1.80	2.00
(26)	2.75	2.15	2.00	2.60	2.45	2.10	2.50	2.50	2.45	2.25	2.50	2.60	2.00
(27)	2.85	2.55	2.50	2.80	2.90	2.50	3.00	2.75	2.95	2.70	2.90	3.00	3.00
(28)	5.20	4.75	5.00	4.80	5.80	5.00	5.00	5.25	5.55	5.25	5.50	5.50	6.00
(29)	2.75	2.90	1.75	2.90	1.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.70
(30)	3.00	2.75	3.00	3.20	3.00	2.75	3.00	2.80	3.00	2.70	3.00	2.90	3.00
(31)	3.00	2.70	3.00	2.90	3.15	3.00	3.25	2.90	3.10	3.00	3.20	3.20	3.30
(32)	6.00	5.75	6.00	5.70	6.50	6.00	6.00	6.30	6.55	6.25	7.00	6.60	6.50
(33)	1.00	.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.90	1.00	1.25	1.50
(34)	1.25	1.00	2.00	1.20	1.12	1.20	1.25	1.15	1.15	1.00	1.20	1.70	2.00
(35)	.12	.18	.15	.15	.16	.11	.20	.25	.20	.15	.25	.21	.24
(36)	.85	.95	1.00	1.00	.95	1.00	.90	.90	.85	1.00	1.00	1.45	1.50
(37)	3.40	3.00	3.00	3.00	1.90	3.00	4.00	3.25	3.00	2.25	3.75	4.40	3.00
(38)	.50	.70	.60	1.00	.64	.65	.70	.70	.60	.85	.75	.70	.70
(39)	1.00	.60	.80	1.15	.86	1.00	1.00	.85	1.00	1.20	1.00	1.00	.90
(40)	1.25	.80	1.00	1.50	1.10	1.25	1.25	1.05	1.20	1.35	1.20	1.20	1.00
(41)	1.85	1.25	1.50	2.00	1.75	2.00	1.75	1.60	1.75	2.00	1.90	1.50	2.00
(42)	125.00	50.00	100.00	100.00	135.00	100.00	150.00	175.00	100.00	260.00	110.00	66.00	100.00
(43)	125.00	50.00	100.00	100.00	135.00	100.00	150.00	200.00	100.00	260.00	110.00	67.00	100.00
(44)	12.40	12.00	12.00	11.50	12.50	11.00	12.00	11.50	12.00	14.00	10.00	12.50	15.00
(45)	2.00	2.35	2.00	2.00	1.80	1.50	3.50	3.00	2.50	3.00	2.00	1.95	2.00
(46)	1.75	1.75	2.00	1.65	2.00	1.70	1.80	1.75	1.80	1.75	1.90	2.00	2.00
(47)	20.00	25.00	15.00	10.00	30.00	20.00	30.00	30.00	25.00	35.00	35.00	43.00	40.00
(48)	650.00	700.00	500.00	650.00	670.00	750.00	700.00	650.00	705.00	700.00	700.00	800.00	670.00
(49)	2500.00	3200.00	2750.00	4000.00	2425.00	3500.00	3500.00	3000.00	2600.00	2500.00	4200.00	3510.00	3000.00
(50)	500.00	3100.00	1100.00	1000.00	1800.00	1000.00	1200.00	1000.00	1200.00	1500.00	1000.00	180.00	200.00

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$490; 964 Rose Avenue, Piedmont; owner, Mr. McElhinney, Frem.; contractor, Ed Doty & Son, 2481 26th Ave., Oakland.

GARAGE, 1-story, \$490; 291 Fairmount Ave., Oakland; owner, J. J. Earle, Frem.; contractor, Ed Doty & Son, 2481 26th Ave.

SHED, 1-story, \$100; 843 54th Ave., Oakland; owner and contractor, 5921 Decora Ave.

ALTERATIONS, \$85; 423 60th St., Oakland; owner and contractor, R. Starett, Frem.

REPAIRS, \$100; 142 Echo Avenue, Oakland; owner, Mrs. Rogers, Frem.; contractor, J. L. Martin, Tom Sinclair, 825 54th Ave.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

WAR DEPARTMENT

SAN FRANCISCO.—Until April 12, bids will be received by the Chief Engineer Office, 401 Custom House, San Francisco, under Sale No. 12, for the sale of approximately 100 tons scrap railroad rails, 45-lb. 60-lb. sections, 1 steam locomotive and 5 flat cars. Equipment is located at Humboldt Bay, Eureka, and it may be seen by interested parties.

SAN FRANCISCO.—Until April 12, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-294, for furnishing padding, mats, and miscellaneous parts for cargo 1½-ton, 2½-ton cargo and general 2½-ton cargo; fob Presidio San Francisco for shipment to Hawaii.

SAN FRANCISCO.—Until April 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies, as follows:
 BID NO. 928-38-300—Douglas fir lumber; f.o.b. Fort Mason.
 BID NO. 928-38-301—Fenderosa Pine lumber; f.o.b. Fort Mason.

SAN FRANCISCO.—Until April 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-246, for rental equipment.

Bids will be taken on:
 1) Furnishing and operating for 150 hours one portable air compressor for use on road work near the North Fork Dam site;
 2) Mobilization and delivery of equipment to job and demobilization and removal;
 3) Furnishing and operating for 300 hours one portable air compressor for use near the Ruck-a-chucky Dam Site;
 4) Mobilization and delivery of equipment to job and demobilization and removal.
 Plans and specifications may be obtained from the above office.

SAN FRANCISCO.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

APRIL 11, 10 A. M.:
 BID NO. 928-38-303: 984 tons of rock. Portland cement concrete aggregate, and 9000 gals. asphalt emulsion; fob Fort Mason.

APRIL 20, 2 P. M.:
 BID NO. 928-38-302: 160 pieces of Balsa wood lumber; fob Ft. Mason.

FORT McDOWELL, Calif.—Until April 18, 2 P. M., bids will be received by the Purchasing and Contracting Office, Fort McDowell, under bid No. QM-536-38-27, for furnishing Oregon pine and Redwood lumber, pipe, sheet iron, faucets, Portland cement, bushings and ells; fob shipping point and/or Fort Mason.

SAN FRANCISCO.—Until April 1:30 p.m., bids will be received by the Quartermaster Supply Officer,

San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-293, for furnishing 1000 lbs. spunyarn and 100 lbs. nails; fob Fort Mason, San Francisco.

FORT MASON, Calif.—Until April 13, 10:30 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-289, for furnishing 7500 lbs. wiping cloths; 200 feet water hose; boxes and parts for Fulton Diesel Engine; f.o.b. Fort Mason, San Francisco, Cal.

SACRAMENTO, Calif.—Until April 12, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-245, for furnishing oakum, marine glue, spikes, flashlights; f.o.b. Rio Vista, Cal.

FORT MASON, Calif.—Until April 19, 11 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-291, for furnishing one electric, portable, telescoping type lifter; f.o.b. shipping point and/or Ft. Mason.

SAN FRANCISCO.—Until April 12 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 928-38-118, for furnishing and delivering one not less than 60-h.p. Diesel oil engine driven, crawler type tractor, equipped with bulldozer and hauling scraper, complete and ready for use; fob dock, San Francisco waterfront.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until April 12, 10 A. M., bids will be received by the State Purchasing Agent, 310 State Capitol, Sacramento, under Quot. No. 54102, Req. No. 26537, for furnishing one 8-ton, pneumatic-tired road roller (Wm. Bros. or equal); fob Redding, via freight.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

APRIL 12, 10 A. M.:
 BID NO. 5221: Stainless steel and screws; fob Larkin and Beach Sts., San Francisco.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

APRIL 12, 10:00 A. M.
 BID NO. 5222—Valves, ferrules, nipples and unions; f.o.b. Sunset nr. Skyline Blvd., San Francisco.
 BID NO. 5227—100,000 ft. b.m. Douglas Fir lumber; f.o.b. Havelock and Edna Sts., S. F.
 BID NO. 5228—Nails, steel and washers; f.o.b. San Jose.
 BID NO. 5229—900 pipe bands; f.o.b.

Tracy, San Joaquin County.

APRIL 13, 10:00 A. M.
 BID NO. 5225—3900 tons crushed rock; f.o.b. Skyline and Lake Merced Bldvs., S. F.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

APRIL 11, 10:00 A. M.
 BID NO. 5230—1800 sacks Portland cement; f.o.b. Tulare, Cal.
 BID NO. 5231—490 sacks Portland cement; f.o.b. Sacramento, Cal.
 BID NO. 5232—105 bbls. Portland cement; f.o.b. Stockton, San Joaquin Co., Cal.

APRIL 12, 10:00 A. M.
 BID NO. 5236—Axes, blocks, crowbars, hammers, saws, rope and tape; f.o.b. San Jose, Cal.

APRIL 14, 10:00 A. M.
 BID NO. 5233—5200 tons crusher run base rock; f.o.b. Berkeley, Cal.
 BID NO. 5234—Rental of one 10-ton, 3-wheel road roller; f.o.b. Berkeley, Cal.

SAN FRANCISCO, Calif.—Until April 14, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5235, for the rental of one 8-ton tandem road roller; f.o.b. Berkeley, Cal.

APRIL 11, 10:00 A. M.
 BID NO. 5206—Steel bars, angle, rods and plates; f.o.b. Sunset nr. Skyline Bldvs., San Francisco.
 BID NO. 5211—200 tons concrete mix; f.o.b. Castro Valley, Cal.
 BID NO. 5212—Corr. metal pipe culvert and band couplers; f.o.b. Santa Rosa, Cal.
 BID NO. 5214—Gutter, leader pipe, outlets, straps, caps and trash guards; f.o.b. 34th Avenue and Clement St., San Francisco.
 BID NO. 5215—432 ft. electrical wire welded steel pipe; f.o.b. Lindsay.
 BID NO. 5216—Steel heating boiler, complete with deflectors; f.o.b. 34th Ave. and Clement St., San Francisco.
 BID NO. 5218 — Tarpaullins; f.o.b. Stockton, Cal.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for rental of equipment and furnishing supplies and materials as follows:

APRIL 14, 10 A. M.:
 BID NO. 5238: Rental of one double disc, for tractor use, 20-inch disc, adjustable; fob Berkeley.
 BID NO. 5245: 4000 lb. drain tile; fob 215 12th St., Sacramento.

APRIL 15, 10 A. M.:
 BID NO. 5239: Wire, fuses & switches; fob Antioch, Contra Costa Co.
 BID NO. 5240: 137 tons liquid asphalt (type SC-3); fob Berkeley.
 BID NO. 5241: 363 tons plant mix surfacing; fob San Jose.
 BID NO. 5242: 220 l.f. reinforced concrete pipe; fob 52nd Ave. and Bond St., Oakland.
 BID NO. 5244: 1000 feet clay sewer pipe; fob Susanville, Lassen Co.

Section 562 P. L. & R.
U. S. POSTAGE

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Colonial Construction Low on
Shasta Tunnel



Agreement Near on Friant Water Rights



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

P
W T H
P
Vol. XXI
Agreen
Pro
Substa
Valley Pro
Print Div
was anno
John C. Pa
San Fran
can distri
ices and c
Bids for
self will
menton. C
nated that
the dam cr
Specific
available
Mr. Page
after term
the series
ials of the
rict, the
rict, Mill
Southern
will go to
re a join
one April
National
accus in
the drop
Phine.
Ra
Regard
Southern
7 miles
reen Str
Mr. Page
searched
re remain

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., APRIL 16, 1938

No. 16

Agreements Reached on Principal Valley Project Problems, Commissioner Reports

Substantial agreement on virtually all phases of complex Central Valley Project problems involving San Joaquin River water rights, Friant Division rights-of-way, and Shasta Reservoir railroad relocation was announced Monday by United States Reclamation Commissioner John C. Page following a busy week of conferences in Sacramento and San Francisco with various irrigation districts, utility representatives and company officials.

Bids for building Ehasa Dam itself will be opened June 1 in Sacramento. Commissioner Page estimated that actual contract work on the dam can be started by August 1. Specifications are expected to be available late this week.

Mr. Page left for Salt Lake City after terming "highly satisfactory" the series of conferences with officials of the Fresno Irrigation District, the Madera Irrigation District, Miller & Lux, Inc., and the Southern Pacific Company. He will go to Bismark, South Dakota for a joint Federal-State conference April 18 and 19 called by the National Resources Committee to discuss irrigation development in the drought area of the Great Plains.

Railway Relocation

Regarding a contract with the Southern Pacific for relocation of 37 miles of its existing line between San Francisco and Portland, Mr. Page said agreement has been reached on all principal points, and it remains only for the attorneys

to complete the necessary contracts for signature.

"The Government will contract the work of excavation, grading, tunneling and bridge building for the new 30-mile line between Redding and Delta, Calif. The Southern Pacific will lay the track and install a block signal system, and will be reimbursed by the Government on a cost basis," Mr. Page said.

"On the Friant Division, our long negotiations with Miller & Lux and their allied interests in connection with water rights have reached the point where we are nearly ready to sign both a purchase contract to acquire the company's vast grass land water rights at the appraised price of \$2,450,000, and an exchange agreement to provide substitute water for the crop lands now irrigated by San Joaquin River water. The substitute water will be furnished through the San Joaquin Pumping System from the Sacramento-San Joaquin delta where an adequate year-round supply will be assured by

ELEVEN FIRMS FIGURE WORK AT DAM SITE

Washington Bidder Low, at \$426,475; Negotiations on R. R. Relocation Finished

SACRAMENTO, April 17.—Colonial Construction Co., 326 First street, Spokane, Wash., at \$426,475 today submitted the lowest of 11 bids to the U. S. Bureau of Reclamation for construction of the Shasta bypass tunnel and temporary railroad relocation.

The Washington firm's bid was about \$57,000 under the second low proposal of \$483,820 submitted by Bates & Rogers Construction Co. of Oakland.

Guy F. Atkinson Co., San Francisco, was third low bidder at \$494,296.

Present at today's bid-opening on the first heavy construction contract at Shasta dam site was U. S. Reclamation Commissioner John C. Page.

operation of Shasta Reservoir on the upper Sacramento River. The San Joaquin River water acquired by the Government in the transaction will be conserved and diverted at Friant Dam above Fresno for the benefit of areas of deficiency in Fresno, Madera, Tulare, Kings, and Kern counties.

COMPARISON—THREE LARGEST CONCRETE DAMS

	Shasta	Boulder	Grand Coulee
Height	560 ft.	727 ft.	550 ft.
Crest length	3400 ft.	1282 ft.	4300 ft.
Crest width	37 ft.	45 ft.	30 ft.
Concrete content	5,550,000 c.y.	3,250,000 c.y.	11,250,000 c.y.
Excavation	3,215,000 c.y.	6,480,000 c.y.	19,000,000 c.y.
Spillways	1	2	1
Spillway capacity	187,000 sec.-ft.	200,000 sec.-ft. (ea)	1,000,000 sec.-ft.
Reservoir length	35 miles	115 miles	151 miles
Reservoir capacity	4,500,000 acre-ft.	30,500,000 acre-ft.	10,000,000 acre-ft.

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

P
W
P
Vol. XXI
Agree
Pro
Substa
Valley Pro
Print Div
was anno
John C. Pa
San Franc
con distr
cess and c
Bids for
rself will
presento
ment of
the dam co
Specific
re availab
Mr. Page
after term
The series
als of the
rent, the
erret, Mil
Southern
will go to
we a joi
ove April
National
acuss in
the drug
Plains.
R
Regardi
Southern
7 miles
ween San
Mr. Page
rashed on
re remain

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., APRIL 16, 1938

No. 16

Agreements Reached on Principal Valley Project Problems, Commissioner Reports

Substantial agreement on virtually all phases of complex Central Valley Project problems involving San Joaquin River water rights, Friant Division rights-of-way, and Shasta Reservoir railroad relocation was announced Monday by United States Reclamation Commissioner John C. Page following a busy week of conferences in Sacramento and San Francisco with various irrigation districts, utility representatives and company officials.

Bids for building Hasha Dam itself will be opened June 1 in Sacramento. Commissioner Page estimated that actual contract work on the dam can be started by August 1. Specifications are expected to be available late this week.

Mr. Page left for Salt Lake City after terming "highly satisfactory" the series of conferences with officials of the Fresno Irrigation District, the Madera Irrigation District, Miller & Lux, Inc., and the Southern Pacific Company. He will go to Bismark, South Dakota for a joint Federal-State conference April 18 and 19 called by the National Resources Committee to discuss irrigation development in the drought area of the Great Plains.

Railway Relocation

Regarding a contract with the Southern Pacific for relocation of 37 miles of its existing line between San Francisco and Portland, Mr. Page said agreement has been reached on all principal points, and its remains only for the attorneys

to complete the necessary contracts for signature.

"The Government will contract the work of excavation, grading, tunneling and bridge building for the new 30-mile line between Redding and Delta, Calif. The Southern Pacific will lay the track and install a block signal system, and will be reimbursed by the Government on a cost basis," Mr. Page said.

"On the Friant Division, our long negotiations with Miller & Lux and their allied interests in connection with water rights have reached the point where we are nearly ready to sign both a purchase contract to acquire the company's vast grass land water rights at the appraised price of \$2,450,000, and an exchange agreement to provide substitute water for the crop lands now irrigated by San Joaquin River water. The substitute water will be furnished through the San Joaquin Pumping System from the Sacramento-San Joaquin delta where an adequate year-round supply will be assured by

ELEVEN FIRMS FIGURE WORK AT DAM SITE

Washington Bidder Low, at \$426,475; Negotiations on R. R. Relocation Finished

SACRAMENTO, April 17.—Colonial Construction Co., 326 First street, Spokane, Wash., at \$426,475 today submitted the lowest of 11 bids to the U. S. Bureau of Reclamation for construction of the Shasta bypass tunnel and temporary railroad relocation.

The Washington firm's bid was about \$57,900 under the second low proposal of \$483,820 submitted by Bates & Rogers Construction Co. of Oakland.

Guy F. Atkinson Co., San Francisco, was third low bidder at \$494,296.

Present at today's bid-opening on the first heavy construction contract at Shasta dam site was U. S. Reclamation Commissioner John C. Page.

operation of Shasta Reservoir on the upper Sacramento River. The San Joaquin River water acquired by the Government in the transaction will be conserved and diverted at Friant Dam above Fresno for the benefit of areas of deficiency in Fresno, Madera, Tulare, Kings, and Kern counties.

COMPARISON—THREE LARGEST CONCRETE DAMS

	Shasta	Boulder	Grand Coulee
Height	560 ft.	727 ft.	550 ft.
Crest length	3400 ft.	1282 ft.	4300 ft.
Crest width	37 ft.	45 ft.	30 ft.
Concrete content	5,550,000 c.y.	3,250,000 c.y.	11,250,000 c.y.
Excavation	3,215,000 c.y.	6,480,000 c.y.	19,000,000 c.y.
Spillways	1	2	1
Spillway capacity	187,000 sec.-ft.	200,000 sec.-ft. (ea)	1,000,000 sec.-ft.
Reservoir length	35 miles	115 miles	151 miles
Reservoir capacity	4,500,000 acre-ft.	30,500,000 acre-ft.	10,000,000 acre-ft.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
873	Clark	Larsen	2500
874	Duerner	Owner	6000
875	Elden	Owner	1500
876	Haun	Haun	3000
877-80	Matire	Owner	3500
881	Real Estate	Wagner	7000
882	Benioff	Kramer	10000
883	Coca Cola	Siegrist	19700
884	Eichelberger	Owner	1250
885	Fireman	Owner	4000
886	Haldorson	Baldwinson	4000
887	Hammerberg	Owner	7000
888-9	Higgins	Owner	3000
890	Koenig	Owner	7500
891-3	Nelson	Owner	3000
894	Nelson	Owner	5000
895	O'Connor	Coburn	5000
896	San Filippo	Owner	3500
897	Shannon	Wagner	4000
898	Sharman	Owner	8000
899	Sharman	Owner	8000
900	Taylor	Richardson	1900
901	Andersen	Owner	7800
902	Beth Israel	Wagner	14000
903	Cowen	Owner	3500
904	Fanning	Heffers	3000
905	Johnsen	Owner	10000
906	S. F. Theatres	Empire	2000
907	Beck	Owner	4200
908	Beck	Owner	4800
909	Hanson	Jeffers	4000
910	Hicks	Chase	1500
911	Hillman	McCarthy	6000
912	Johnson	Owner	2000
913-16	Lindsay	Owner	3800
917	O'Grady	Johnson	2500
918	Paulucci	Masrie	1400
919	St. Vincent's	Fisher	1500
920-21	Tomlin	Owner	3000
922	Waxman	Lindsay	5000
923	Bergen	Owner	3000
924	Engelhofer	Mohr	3500
925	Frank	Mohr	3000
926-8	Graham	Owner	4000
929-32	Meyer	Owner	4000
933-36	Mohr	Owner	3500
937	Parodi	Owner	3500
938	Sorlich	Mohr	3500
939	Susoeff	Owner	4000
940	Vignati	Mohr	3750
941-42	Vignati	Mohr	3500

TRUCK SHELTER

(873) E MAIN St. 200 N Howard.
One-story frame truck shelter.
Owner—J. A. Clark Draying Co., 100 Howard Street.
Contractor—H. H. Larsen Company, 64 South Park.
Architect—Not Given. \$2,500

FLATS

(874) E 24th AVE. 275 S Lincoln Way. Two-story frame flats.
Owner and Builder—Jas. C. Duerner, 250 Ortega.
Architect—Not Given. \$6,000

ALTERATIONS

(875) 7 FRONT ST. Alter offices.
Owner and Contractor—Chas. I. Elden, 201 California St.
Architect—Not Given. \$1,500

DWELLING

(876) S SURREY 98 W Lippard. One-story and basement frame dwelling.
Owner—Hugo H. Haun, 3601 Market.
Contractor—C. C. W. & H. H. Haun, 580 Market Street.
Architect—Not Given. \$3,000

DWELLING

(877) E CHESTER 25 S Alemany Blvd. One-story and basement frame dwelling.

Owner and Builder—Matire & Alesandri, 766 Silver Avenue.
Architect—Not Given. \$3,500

DWELLING

(878) E CHESTER 50 S Alemany Blvd. One-story and basement frame dwelling.
Owner and Builder—Matire & Alesandri, 766 Silver Avenue.
Architect—Not Given. \$3,500

DWELLING

(879) SE ALEMANY and Chester. One-story and basement frame dwelling.
Owner and Builder—Matire & Alesandri, 766 Silver Avenue.
Architect—Not Given. \$3,500

DWELLING

(880) E CHESTER 75 S Alemany Blvd. One-story and basement frame dwelling.
Owner and Builder—Matire & Alesandri, 766 Silver Avenue.
Architect—Not Given. \$3,500

ALTERATIONS

(881) NE ARKANSAS and 17th Sts. Alter factory.
Owner—Real Estate Development Co. Hearst Bldg.
Contractor—Geo. Wagner, 181 South Park.
Architect—Not Given. \$7,000

DWELLING

(882) W NORMANDIE TER. 38 S Vallejo St. Two-story and basement frame dwelling.
Owner—David Benioff, 54 Park.
Contractor—J. E. Kramer, 1906 Steiner Street.
Architect—Hyman and Appleton, 68 Post Street. \$10,000

ALTERATIONS

(883) E CONNECTICUT 100 S 17th St. Alter factory.
Owner—Coca Cola Bottling Co. of Calif., 17th and Missouri Sts.
Contractor—F. R. Siegrist, 604 Mission Street.
Architect—E. T. Foulkes, 357 12th St., Oakland. \$19,700

DWELLING

(884) E McCORMICK 140 S Pacific Ave. One-story frame dwelling.
Owner and Builder—A. Eichelberger, 2 McCormick Street.
Architect—Not Given. \$1,250

DWELLING

(885) NW GOLDEN GATE and Kitt-ridge Terrace. One-story and basement frame dwelling.
Owner and Builder—B. Fireman, 657 Hayes Street.
Architect—Not Given. \$4,000

DWELLING

(886) NE LOS PALMOS DR. 293 SE Burlwood. One-story and basement frame dwelling.
Owner—M. Haldorson, 2246 35th Ave.
Contractor—I. Baldwinson, 2246 35th Avenue.
Architect—Not Given. \$4,000

FLATS

(887) E 17th AVE. 100 N Taraval. Two-story frame flats.
Owner and Builder—J. C. Hammerberg, 1200 Fulton Street.
Architect—Not Given. \$7,000

DWELLING

(888) NW LONDON 59 W France. One-story and basement frame dwelling.

Owner and Builder—Joe Higgins, Inc. 62 Monterey Blvd.
Architect—Not Given. \$3,000

DWELLING

(889) NW LONDON 34 SW France. One-story and basement frame dwelling.
Owner and Builder—Joe Higgins, Inc. 62 Monterey Blvd.
Architect—Not Given. \$3,000

FLATS

(890) E HEAVENWORTH ST. 57 N Bay St. Two-story and basement frame flats.
Owner and Builder—Charles Koenig Sons, 208 Dorland.
Architect—E. A. Neumarkel, 1374 36th Avenue. \$7,500

(891) E CORBETT AVE. 133 North Copper Alley. One-story & basement frame dwelling.

DWELLING

(892) E CORBETT AVE. 100 North Copper Alley. One-story & basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$3,000

DWELLING

(893) E CORBETT AVE. 166 North Copper Alley. One-story & basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$3,000

DWELLING

(894) NW 21st AVE. and Eucalyptus. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$5,000

ALTERATIONS

(895) SW 16th and HARRISON Sts. Alter factory.
Owner—Mrs. O'Connor, c/o Contractor.
Contractor—I. W. Coburn, 2048 Market Street. \$5,000

DWELLING

(896) N IRVING ST. 107 E 44th Ave. One-story and basement frame dwelling.
Owner and Builder—Phil San Filippo 6124 Geary Street.
Architect—Not Given. \$3,500

DWELLING

(897) W HAMILTON 175 S Felton. One-story and basement frame dwelling.
Owner—Frank J. Shannon, 901 Jarboe
Contractor—R. Wagner, 1754 9th Ave.
Architect—Not Given. \$4,000

DWELLING

(898) E PIERCE 87 N Lombard St. Two-story and basement frame dwelling.
Owner and Builder—Thos. R. Sharman, 3700 Broderick Street.
Architect—Not Given. \$8,000

DWELLING

(899) E PIERCE 112 N Lombard St. Two-story and basement frame dwelling.
Owner and Builder—Thos. R. Sharman, 3700 Broderick Street.
Architect—Not Given. \$8,000

ALTERATIONS
 (900) 2472-A GEARY St. Alter flats.
 Owner—J. Taylor, 2035 Hayes Street.
 Contractor—Dan C. Richardson, 2064-
 2063 Golden Gate Ave.
 Architect—Not Given. \$1,900

DWELLING
 (901) W. APTOS WAY, 206 S UP-
 LAND DRIVE. Two-story and
 basement frame dwelling.
 Owner—Charles Andersen, 150 Gran-
 ville Way.
 Architect—Not Given. \$7800

ALTERATIONS
 (902) 1839 GEARY ST. Alter syna-
 gogue.
 Owner—Congregation Beth Israel,
 Prem.
 Contractor—Geo. Wagner, 181 South
 Park.
 Architect—Not Given. \$14,000

DWELLING
 (903) E. RALSTON, 140 S HOLLO-
 WAY. One-story and basement
 frame dwelling.
 Owner—Stanley Cowen, 924 Taraval
 St.
 Architect—D. E. Jaekle, 68 Post St.
 \$3500

DWELLING
 (904) SW BRUSSELS, 175 NW OF
 WILDE AVE. One-story and
 basement frame dwelling.
 Owner—Wm. Fanning, Jr., c/o Con-
 tractor.
 Contractor—Webster Heffers, 1665
 Haight St.
 Architect—Not Given. \$3000

FLATS
 (905) E. STANYAN, 266 S GEARY.
 Two-story and basement frame
 flats.
 Owner—Peder P. Johnson, 70 Stan-
 yan St.
 Architect—Not Given. \$10,000

RETAINING WALL
 (906) S. GEARY, 150 W HENDER-
 SON. Retaining wall.
 Owner—S. F. Theatres, Inc., 25 Tay-
 lor St.
 Contractor—Empire Constr. Co., Russ
 Bldg.
 Architect—Not Given. \$2000

(907) E. 36TH AVE., 125 S CA-
 BRILLO. One-story and base-
 ment frame dwelling.
 Owner—John Beck, 500 Leavenworth.
 Architect—Not Given. \$4200

DWELLING
 (908) E. 36TH AVE., 150 S CA-
 BRILLO. One-story and base-
 ment frame dwelling.
 Owner—John Beck, 500 Leavenworth.
 Architect—Not Given. \$4800

DWELLING
 (909) W. 32ND AVE., 57 N CALI-
 FORNIA. One-story and base-
 ment frame dwelling.
 Owner—P. I. Hanson, c/o Con tractor.
 Contractor—Webster Jeffers, 1665
 Haight St.
 Architect—Not Given. \$4000

ALTERATIONS
 (910) 155 STATES ST. Alter dwell-
 ing.
 Owner—Wm. H. Hicks, Prem.
 Contractor—S. A. Chase, 80 Douglas
 St.
 Architect—Not Given. \$1500

ALTERATIONS
 (911) S. MINNA, 100 E 11TH ST.
 Alter warehouse.
 Owner—E. F. Hillman, c/o Archt.
 Contractor—Robert McCarthy, 1363
 14th Ave.
 Architect—Chas. F. Strothoff, 2274
 15th St. \$6000

DWELLING
 (912) W. HARVARD, 150 N FEL-
 TON. One-story and basement
 frame dwelling.
 Owner—J. A. Johnson, 69 Madison
 Street.
 Architect—Not Given. \$2000

DWELLING
 (913) E. 25TH AVE., 175 N LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—Claude T. Lindsay, 820 Tara-
 val St.
 Architect—Not Given. \$3800

DWELLING
 (914) W. 24TH AVE., 175 N LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—Claude T. Lindsay, 820 Tara-
 val St.
 Architect—Not Given. \$3800

DWELLING
 (915) E. 25TH AVE., 200 N LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—Claude T. Lindsay, 820 Tara-
 val St.
 Architect—Not Given. \$3800

DWELLING
 (916) W. 24TH AVE., 150 N LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—Claude T. Lindsay, 820 Tara-
 val St.
 Architect—Not Given. \$3800

ALTERATIONS
 (917) 109 ST. MARYS AVE. Alter
 dwelling.
 Owner—P. O'Grady, Prem.
 Contractor—Joel Johnson & Son, 1614
 Church St.
 Architect—Not Given. \$2500

DWELLING
 (918) W. CARR, 200 S PAUL AVE.
 One-story and basement frame
 dwelling.
 Owner—C. Paulucci, 111 Brazil Ave.
 Contractor—Masrie & Scatena, 2550
 19th St.
 Architect—Not Given. \$2400

ALTERATIONS
 (919) SE GEARY AND GOUGH
 STS. Alter school.
 Owner—St. Vincent's School, 1301
 Geary St.
 Contractor—F. C. Fisher, 583 29th
 Ave.
 Architect—Not Given. \$1500

DWELLING
 (920) N AVALON, 100 W ATHENS.
 One-story and basement frame
 dwelling.
 Owner—B. F. Tomlin, 418 Munich St.
 Architect—Not Given. \$3000

DWELLING
 (920) N AVALON, 100 W ATHENS.
 One-story and basement frame
 dwelling.
 Owner—B. F. Tomlin, 418 Munich
 Street.
 Architect—Not Given. \$3000

DWELLING
 (921) NW AVALON AND ATH-
 ENS. One-story and base-
 ment frame dwelling.
 Owner—B. F. Tomlin, 418 Munich
 Street.
 Architect—Not Given. \$3000

DWELLING
 (922) W. 24TH AVE., 200 N LAW-
 TON ST. One-story and base-
 ment frame dwelling.
 Owner—A. Waxman, c/o Contractor.
 Contractor—Claude T. Lindsay, 820
 Taraval St.
 Architect—Not Given. \$5000

DWELLING
 (923) E. 47TH AVE., 325 N RIV-
 ERA. One-story and basement
 frame dwelling.
 Owner—Vera Bergen, 1025 Stanyan
 St.
 Architect—Not Given. \$3000

DWELLING
 (924) SE NAPLES, 100 SW RUS-
 SIA AVE. One-story and base-
 ment frame dwelling.
 Owner—Wilhelmina Egelhofer, c/o
 Contractor.
 Contractor—Rudolph Mohr & Sons,
 4482 Mission St.
 Architect—Not Given. \$3500

DWELLING
 (925) NE LAKEVIEW AVE., 75 SE
 CAINE AVE. One-story and
 basement frame dwelling.
 Owner—F. C. Frank, 4482 Mission St.
 Contractor—Rudolph Mohr & Sons,
 4482 Mission St.
 Architect—Not Given. \$3000

DWELLING
 (926) W. 35TH AVE., 125 S RIV-
 ERA. One-story and basement
 frame dwelling.
 Owner—Graham & Jensen, 728 35th
 Ave.
 Architect—Not Given. \$4000

DWELLING
 (927) W. 35TH AVE., 150 S RIV-
 ERA. One-story and basement
 frame dwelling.
 Owner—Graham & Jensen, 728 35th
 Ave.
 Architect—Not Given. \$4000

DWELLING
 (928) W. 35TH AVE., 100 S RIV-
 ERA. One-story and basement
 frame dwelling.
 Owner—Graham & Jensen, 728 35th
 Ave.
 Architect—Not Given. \$4000

DWELLING
 (929) NW TERESITA BLVD., 748
 E VERNA. One-story and base-
 ment frame dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4000

DWELLING
 (930) NW TERESITA BLVD., 601 E
 VERNA TERR. One-story and
 basement frame dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4000

DWELLING
 (931) NW TERESITA BLVD., 695 E
 VERNA TERR. One-story and
 basement frame dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4000

DWELLING
 (932) NW TERESITA BLVD., 723 E
 VERNA TERR. One-story and
 basement frame dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4000

DWELLING
 (933) W. CHESTER, 375 N PAL-
 METTO. One-story and base-
 ment frame dwelling.
 Owner—Rudolph Mohr, Jr., 4482 Mis-
 sion St.
 Contractor—Rudolph Mohr & Sons,
 4482 Mission St.
 Architect—Not Given. \$3500

DWELLING
 (934) S. PAYSON, 100 W OF ST.
 CHARLES AVE. One-story and
 basement frame dwelling.
 Owner—Rudolph Mohr & Sons, 4482
 Mission St.
 Architect—Not Given. \$3500

DWELLING		723 Berry	Owner	2000	DWELLING	(706) 2401 57TH AVE., OAKLAND.	
(935) S. PAYSON, 175 W OF ST.		724 Brusario	Tollefson	6500	One-story 5-room dwelling.		
CHARLES. One-story and basement frame dwelling.		725 Campbell	Atchison	2000	Owner—M. E. Doremus, Prem.		
Owner—Rudolph Mohr & Sons, 4482 Mission St.		726 Lopez	Leonardo	3500	Contractor—A. E. Waldman, 5409 Foothill Blvd.		
Architect—Not Given.	\$3500	727 McCarthy	Owner	6000	Also 1-story garage, \$150.		
		728 Milcovich	Owner	1500	Architect—Not Given.	\$3500	
		729 Murra	MacLean	5000			
		730 Murray	Weslerna	3000			
		731 Relf	McNutt	3500			
		732 Scherman	Spivock	4500	ALTERATIONS		
		733 Wyman	Van Ness	3800	(707) 1816 TELEGRAPH AVENUE, OAKLAND. Alterations.		
		734 Correlia	Plekrelli	4000	Owner & Contractor—GallenKamp's Shoe Co., 1306 Washington St.		\$1000
		735 Laughlin	Colby	4700	Architect—Not Given.		
		736 Rose	Owner	5500			
		737 Carson	Johnson	3400	DWELLING		
		738 Church	LDS	1500	(708) 4509 FAIRBAIRN AVENUE, OAKLAND. One-story 5-room dwelling.		
		739 Lyon	Owner	3850	Owner—E. E. Raliton, 3301 Madera Ave.		
		740 Meinke	Johnson	3200	Contractor—J. F. Patterson, 7621 Foothill Blvd.		\$4500
		741 Mowbray	Owner	3850	Architect—Not Given.		
		742 Prescott	Owner	3500			
		743 Sherwood	Owner	3500	ADDITION		
		744 Standard Oil	Owner	4000	(709) 5201 HILLER DRIVE, OAKLAND. Addition.		
		745 Alber	Allen	5500	Owner—St. Andrew's Episcopal Ch., Prem.		
		746 Anderson	Owner	3500	Contractor—Harry E. Carlson, 351 Taurus Ave.		\$2000
		747 Beckett	Owner	4500	Architect—Not Given.		
		748 Diestel	Early	1000			
		749 Dolon	Johnson	12500	SHOP		
		750 Eldredge	Jensen	3000	(710) 3001 PERALTA ST., OAKLAND. One-story brick shop.		
		751 Hides	Henning	5500	Owner—Chas. Icardi, 1434 66th St., Berkeley.		
		752 Jensen	Lodge	6000	Contractor—A. Icardi, 972 Aileen St.		\$2000
		753 Swanson	Home Own.	1500	Architect—Not Given.		
		DWELLING			(698) 4266 FRUITVALE AVENUE, OAKLAND. One-story 5-room dwelling.		
		Owner & Builder—I. A. Farringer, 1806 Central Ave., Alameda.		\$4000	Architect—Not Given.		
		DWELLING			(699) 3533 OAK KNOLL BLVD., OAKLAND. One-story 6-room dwelling.		
		Owner & Builder—Geo. O. Smith, 203 Pomona Ave., El Cerrito.		\$5000	Architect—Not Given.		
		DWELLING			(700) 4478 REINHARDT DRIVE, OAKLAND. Two-story 8-room dwelling.		
		Owner & Builder—Jerry Warner, 2114 East 30th St.		\$5000	Architect—Not Given.		
		DWELLING			(701) 28 SONIA ST., OAKLAND. One-story 5-room dwelling.		
		Owner & Builder—Weldon H. Warren, 3044 Dakota St.		\$4500	Architect—Not Given.		
		DWELLING			(702) 25 AVENIDA DR., BERKELEY. One-story 6-room frame dwelling and garage.		
		Owner—Milton Green, 6474 Benvenue Ave.		\$6000	Contractor—Hugo Muller, Jr., 6339 Contra Costa Rd.		
		Architect—Not Given.					
		DWELLING			(703) 2527 BENVENUE, BERKELEY. One-story 4-room frame dwelling.		
		Owner—M. Roberts, Prem.					
		Contractor—J. M. Walker, 401 Spruce Street.		\$2000	Architect—T. D. Church, 401 Jackson, San Francisco.		
		ALTERATIONS			(704) 2414 PARKER, BERKELEY. Alterations.		
		Owner—Mrs. J. T. Smith, Prem.					
		Contractor—R. C. Smith, 2918 Regent.		\$1000	Architect—Not Given.		
		DWELLING			(705) 3063 JOAQUIN MILLER RD., OAKLAND. One-story 5-room dwelling.		
		Owner—T. Del Fava, 1 Hillwood Pl. Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.		\$6100	Architect—Ray Keefer, 585 Mandana Blvd.		

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
702	Green	Muller	6000
703	Roberts	Walker	2000
704	Smith	Smith	1000
705	Del Fava	Ungaretti	6100
706	Doremus	Waldman	3500
707	GallenKamp	Owner	1000
708	Raliton	Patterson	4500
709	St. Andrews	Carlson	2000
710	Scardi	Scardi	6000
711	Wisheropp	Owner	4500
712	Wisheropp	Owner	4500
713	Craik	Benassinl	1000
714	Wiest	Owner	3000
715	Cerruti	Cisero	3000
716	Looke	Franzen	5300
717	Rinaldi	Pedersen	1000
No.	Owner	Contractor	Amt.
718	Ciccardo	Owner	3650
719	Loop	Walker	5000
720	Sallingner	Rose	1200
721	Bakar	Owner	37000
722	Bakar	Owner	3000

- Contractor—C. H. Franzen, 983 54th St., Oakland.
Architect—Not Given. \$5,300
- REPAIRS**
(718) 612 E EIGHTH ST., OAKLAND. Fire repairs.
Adeleine St., Oakland.
Architect—Not Given. \$1,000
Owner—Mrs. S. Rinaldi, 602 E 8th St.
Contractor—Jensen & Pedersen, 3443
- DWELLING**
(718) 1143 75TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Joseph Ciccardo, 1339 75th Ave.
Also 1-story garage, \$100.
Architect—Not Given. \$3,650
- DWELLING**
(719) 2961 SHASTA RD., BERKELEY. Two-story 5-room frame dwelling and garage.
Owner—John W. Loop, 1186 Laurel.
Contractor—J. M. Walker, 401 Spruce St., Berkeley.
Architect—W. Patton, 401 Spruce St., Berkeley. \$5,000
- REPAIRS**
(720) 2442 PIEDMONT, BERKELEY. Repair fire damage.
Owner—A. Sallinger, premises.
Contractor—W. A. Rose, 478 25th St., Oakland.
Architect—Not Given. \$1,200
- APARTMENTS**
(721) 360-62 PERKINS ST., OAKLAND. Two-story 34-room apts. (48 families).
Owner and Builder—Geo. and G. L. Bakar, 397 17th St.
Architect—Edith Northman, 3050½ W Pico Blvd., Los Angeles. \$37,000
- DWELLING**
(722) 2331 88th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—W. J. Baker, 2255 Ransome Ave., Oakland.
Architect—Not Given. \$3,000
Also 1-story garage, \$200.
- ALTERATIONS**
(723) 306 EUCLID AVE., OAKLAND. Alterations.
Owner and Builder—Stanford Berry, 1721 Poplar St., Oakland.
Architect—Not Given. \$2,000
- DWELLING**
(724) 64 SONIA ST., OAKLAND. Two-story 7-room dwelling.
Owner—John Brusario, 4526 West St., Oakland.
Contractor—C. Tollefsen, 1755 High St., Oakland.
Architect—Not Given. \$6,500
- ALTERATIONS**
(725) 6259 CLIVE AVE., OAKLAND. Alterations and addition.
Owner—R. M. Campbell, 6259 Clive.
Contractor—Jos. M. Atchison, 752 Pacific Ave., Alameda.
Architect—J. K. Ballantine, 137 Harlan Place, San Francisco. \$2,000
- DWELLING**
(726) 1350 104th AVE., OAKLAND. One-story 5-room dwelling.
Owner—Joe Lopez, 1515 Fifth Street.
Contractor—F. J. Leonardo, 1456 86th Ave., Oakland.
Architect—Not Given. \$3,500
Also 1-story garage, \$250.
- DWELLING**
(727) 3017 DAVIS ST., OAKLAND. Two-story 6-room dwelling.
Owner and Builder—Daniel McCarthy, 3155 64th Ave., Oakland.
Architect—Not Given. \$6,000
- ALTERATIONS**
(728) 4122 WEST ST., OAKLAND. Alterations.
- Owner and Builder—N. J. Mulcovich, 4122 West St., Oakland.
Architect—Not Given. \$1,500
- DWELLING**
(729) 6100 BROADWAY Terrace, OAKLAND. One-story five-room dwelling.
Owner—Chas. G. Murra, 5701 Ayala.
Contractor—C. Craig McLean, 78 Rio Vista Avenue.
Architect—Not Given. \$5,000
- DWELLING**
(730) 1158 72nd AVE., OAKLAND. One-story 5-room dwelling.
Owner—Geo. Murray, 1168 72nd Ave.
Contractor—P. L. Wiersma, 1157 71st Ave., Oakland.
Architect—Not Given. \$3,000
- DWELLING**
(731) 2652 108th AVE., OAKLAND. One-story 5-room dwelling.
Owner—R. L. Reit, 9520 Hillside St.
Contractor—McNutt Bros., 7615 Leveston Ave., El Cerrito.
Architect—Not Given. \$3,500
Also 1-story garage, \$200.
- DWELLING**
(732) 1539 26th AVE., OAKLAND. Two-story 6-room dwelling.
Owner—Sol Scherman, 1538 26th Ave.
Contractor—Wm. Spivock, 514 Golden Gate Ave., San Francisco.
Architect—Not Given. \$4,500
- DWELLING**
(733) 4114 KUHNLI AVE., OAKLAND. One-story 4-room dwelling.
Owner—G. L. Wyman, 3160 Seminary Ave., Oakland.
Contractor—L. E. Van Ness & Son, 4920 Park Blvd., Oakland.
Architect—Not Given. \$3,800
- DWELLING**
(734) 609 PACIFIC AVE., ALAMEDA. One-story 5-room dwelling.
Owner—Frank L. Correia, 1404 Park St., Alameda.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.
Architect—Not Given. \$4,000
- DWELLING**
(735) 731 GRIZZLY PEAK, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—W. D. Laughlin, 147 Tainaplais, Berkeley.
Contractor—J. E. Colby, 2229 Carleton, Berkeley.
Architect—F. Wilke, 681 Hilldale, Berkeley. \$4,700
- DWELLING**
(736) 3227 FERNSIDE BLVD., ALAMEDA. Two-story 7-room dwelling.
Owner and Builder—Wm. E. Rose, 3231-A Fernside Blvd., Alameda.
Architect—Not Given. \$5,500
- DWELLING**
(737) 4854 FAIR AVE., OAKLAND. One-story 5-room dwelling.
Owner—James Carson, Oakland.
Contractor—Elmer Johnson, 6123 Foothill Blvd., Oakland.
Architect—Not Given. \$3,400
- WALL**
(738) 9658 THERMAL AVE., OAKLAND. Concrete retaining wall.
Owner and Contractor—Church of Jesus Christ of Latter Day Saints, 9658 Thermal Ave., Oakland.
Architect—Thos. G. Ruegg, 251 Kearny St., San Francisco. \$1,500
- DWELLING**
(739) 2744 23rd AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. \$3,850
- DWELLING**
(740) 2968 68th AVE., OAKLAND. One-story 5-room dwelling.
Owner—A. Meinke, Oakland.
Contractor—Elmer Johnson, 6127 Foothill Blvd., Oakland.
Architect—Not Given. \$3,200
- DWELLING**
(741) 624 EVELYN, BERKELEY. One-story 5-room frame dwelling and garage.
Owner & Builder—M. V. Mowbray, 2240 86th Ave., Oakland.
Architect—Not Given. \$3,850
- DWELLING**
(742) 1065 STANNAGE, ALBANY. One-story 5-room frame dwelling.
Owner & Builder—J. C. Prescott, 1068 Stannage.
Architect—R. F. Johnson & Son, 560 36th St., Oakland. \$3,500
- DWELLING**
(743) 514 CARMEL AVE., ALBANY. One-story 5-room frame dwelling.
Owner & Builder—F. E. Sherwood, 1359 Marin.
Architect—Not Given. \$3,500
- SERVICE STATION**
(744) 1400 SOLANO, ALBANY. 1-story steel service station.
Owner & Builder—Standard Oil Co., Prem.
Architect Not Given. \$4,000
- DWELLING**
(745) 92 SELKIRK ST., OAKLAND. One-story 6-room dwelling.
Owner—Glenn G. Allen, 3471 Laurel Ave.
Contractor—Allen & Alben, 3471 Laurel Ave.
Architect—Not Given. \$5,500
- DWELLING**
(746) 3111 22ND AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—A. A. Anderson, 1408 E. 33rd St.
Architect—Not Given. \$3,500
- DWELLING**
(747) 6021 BUENA VENTURA AVENUE, OAKLAND. One-story 5-room dwelling.
Owner & Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Not Given. \$4,500
- REPAIRS**
(748) 2604 62ND AVE., OAKLAND. Fire repairs.
Owner—A. Diestel, Prem.
Contractor—Fred J. Early, Jr., 366 40th St.
Architect—Not Given. \$1,000
- APARTMENTS**
(749) 1000 BAY VIEW AVE., OAKLAND. Two-story 16-room apts.
Owner—J. W. Dolan, 6127 Foothill Blvd.
Contractor—Elmer Johnson, 6127 Foothill Blvd.
Architect—Not Given. \$12,500
- DWELLING**
(750) 6457 THORNHILL DR., OAKLAND. One-story 4-room dwelling.
Owner—R. L. Eldredge, Prem.
Contractor—H. K. Jensen, 2757 Rawson St.
Also 1-story garage, \$500.
Architect—Not Given. \$3,000
- DWELLING**
(751) 4050 HARDING WAY, OAKLAND. One-story 6-room dwelling.
Owner—Vincent Hiden, Prem.
Contractor—K. J. Henning, 1 Home Place.
Architect—Not Given. \$5,500

PACIFIC CONSTRUCTOR

WELLING
 52) 443 DAVENPORT, OAKLAND. Two-story 6-room dwelling.
 Owner—C. Jensen, 55th Ave., Oakland.
 Contractor—C. F. Lodge, 749 Collier Dr., San Leandro.
 Architect—Not Given. \$6000

ALTERATIONS
 53) 2005 8TH AVE., OAKLAND. Alterations.
 Owner—Chas. Swanson, Prem.
 Contractor—Home Owners Imp. Co., 350 Hobart St.
 Architect—Not Given. \$1500

BUILDING CONTRACTS SAN FRANCISCO COUNTY

o. Owner	Contractor	Amt.
47 Eagle Hall	Miller	1599
48 Pisanì	Bernhardt	5200
49 Cooca-Cola	Bernhardt	6300
50 Cooca-Cola	Siegrist	20327
51 Cook	Casty	15762
52 Canton	Herring	2840
53 Pac. T. & T.	Barrett	1555

ALTERATIONS
 287) 273 GOLDEN GATE AVE. Alter lodge hall.
 Owner—Eagles Hall Assn., Prem.
 Engineer—H. M. Engle, 110 Sutter St.
 Contractor—Miller Constr. Co., 3917 Mission St.
 Filed Apr. 7, '38. Dated Apr. 6, '38
 75% on completion.
 25% usual 35 days.
TOTAL COST, \$1599.00
 Bond, \$1599. Surety, Standard Acc. Ins. Co. Limit, 50 days. Plans and specifications filed.

WELLING
 288) 18 17TH ST., 225 W TEMPLE. One-story and basement frame dwelling.
 Owner—Harold J. and Marcella A. Rooney.
 Architect—D. E. Jaekle, 126 Post St.
 Contractor—Albert Bernhardt, 2406 22nd Ave.
 25% frame up.
 25% brown coat.
 25% completion.
 25% usual 35 days.
TOTAL COST, \$5200.00
 Limit, 120 days.

WELLING
 289) E. GOUGH, 35 N GREENWICH. One-story and basement frame dwelling.
 Owner—Louis Pisanì and Olga Pisanì.
 Contractor—Albert Bernhardt, 2406 22nd Ave.
 Filed Apr. 7, '38. Dated Mar. 15, '38.
 25% frame up.
 25% brown coat.
 25% completion.
 25% usual 35 days.
TOTAL COST, \$6300.00
 Limit, 120 days.

GARAGE
 290) E. CONNECTICUT, 100 S OF 17TH ST. Garage building.
 Owner—The Coca-Cola Bottling Co., Prem.
 Architect—Edward T. Foulkes, 357 12th St., Oakland.
 Contractor—F. R. Siegrist, 604 Mission St.
 75% each month.
 25% usual 35 days.
TOTAL COST, \$20,327.00
 Bond, \$10,170. Surety, Amer. Surety Co. of N. Y. Limit, 60 days. Plans and specifications filed.

WELLING
 291) LOT 32, BLK 2837, FOREST HILL COURT, SOTELLO AVE.

Two-story and basement frame dwelling.
 Owner—Mrs. Sarah G. Cook and Miss Ruth Cook.
 Architect—John Davis Young, 2002 California St.
 Contractor—John Casty & Son, 666 Mission St.
 Filed Apr. 8, '38. Dated Apr. 7, '38
 75% each month.
 25% usual 35 days.
TOTAL COST, \$15,762.00
 Limit, August 15, 1938. Plans and specifications filed.

VAULT DOOR ENTRANCE
 (292) 555 MONTGOMERY STREET. Vault door entrance.
 Owner—The Bank of Canton, Prem.
 Architect—Wm. G. Merchant, Russ Bldg.
 Contractor—Herring-Hall-Marvin Safe Co., 214 California St.
 Filed Apr. 8, '38. Dated Mar. 23, '38
 75% completion.
 25% usual 35 days.
TOTAL COST, \$2840.00

Plans and specifications filed.

CABLE HOUSES
 (293) CRISSY FIELD AND POINT CAVALLO, MARIN CO. Two reinforced concrete cable houses and concrete runway.
 Owner—Pac. Tel. & Tel. Co., 444 Bush St.
 Contractor—Barrett & Hilp, 918 Harrison St.
 Filed Apr. 13, '38. Dated Apr. 11, '38
 75% completion.
 25% 40 days after.
TOTAL COST, \$1,555.00
 Bond, \$1,555. Surety, Pac. Indemnity Co. Limit, 25 days. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

169 Skaggs	Comer	3650
170 Kaiser	Hoxey	955
172 Boorman	Nicholson	9150
173 Boorman	Moore	4525

(169) 281-287 WAYNE AVE., OAKLAND. Installation and finishing of oak flooring, etc.
 Owner—M. B. Skaggs, Prem.
 Contractor—L. H. Comer, 159 Santa Cruz Ave., Daly City.
 Filed Apr. 5, '38. Dated Mar. 7, '38
 40% complete\$1000.00
 80% complete 1000.00
 Completion 735.00
 Usual 35 days 915.00
TOTAL COST, \$3,650.00
 Bond, \$3650. Surety, Nat. Auto Ins. Co. of L. A. Limit, Apr. 20, 1938. Plans and specifications filed.

PAINTING
 (170) FOOT FIFTH ST., Oakland. Painting plant.
 Owner—Henry J. Kaiser Co., Latham Square Bldg., Oakland.
 Architect—Not Given.
 Contractor—John Hoxey, 665 Eddy St., Apt. 31, San Francisco.
 Filed, Apr. 12, '38. Dated, Apr. 4, '38.
 Weekly payments of.....80%
 Usual 35 days.....20%
TOTAL COST, \$985.00
 Bond, \$985. Sureties, U. S. Fidelity & Guaranty Co. Limit, 10 days. Plans and specifications filed.

ADDITIONS
 (172) EIGHTH ST., NEAR FAL-LON, OAKLAND. Additions to distributing warehouse.
 Owner—Geo. R. Boorman Steel Co., Prem.
 Architect—Will G. Corlett, Bank of Amer. Bldg., Oakland.

Contractor—D. W. Nicholson, 357 12th St., Oakland.
 Filed Apr. 13, '38. Dated Apr. 11, '38
 10th day each month, 90% labor and material;
 Usual 35 days, 10%.
TOTAL COST, \$9,150.00
 Limit, July 1, 1938. Plans and specifications filed.

FABRICATION ETC.
 (173) EIGHTH ST., NEAR FAL-LON, OAKLAND. Fabrication and painting structural steel for additions to warehouse.
 Owner—Geo. R. Boorman Steel Co., Prem.
 Architect—Will G. Corlett, Bank of America Bldg.
 Contractor—Moore Dry Dock Co., ft. of Adeline St.
 Filed Apr. 13, '38. Dated Mar. 25, '38
 10th day each month, 75% labor and material;
 Usual 35 days, 25%.
TOTAL COST, \$4,525.00
 Limit, May 15, 1938. Plans and specifications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

MARQUEE, \$925; 237 Powell Street; owner, Dunne's, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 SIGN, electric, \$350; 1329 Fulton St.; owner, Morning Glory, premises; contractor, Apex Elec. Co., 363 Fell St.
 SIGN, electric, \$450; 2100 Van Ness Ave.; owner, Robert Grison, 2190 Van Ness; contractor, Lindy El. Co., 4640 Geary Blvd.
 ALTER flats, \$150; 661 Greenwich; owner, P. G. Molinar, premises; contractor, Bennie D'Amico, 76 Pixley St.
 SIGN, electric, \$25; 2975 Mission St.; owner, Modern Bath Shop, 2975 Mission St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER dwelling, \$455; 518 Forester St.; owner, Hans N. Sandstrom, 518 Forester; contractor National Roofing and Siding Co., 2172 Market St.
 ALTER store, \$500; 1143 Grant Ave.; owner, Mr. Yim, 20 Adele Court; contractor, Shang Git & Co., 145 Waverly Place.
 ALTER dwelling, \$500; 25 17th Ave.; owner, P. Camiche, 2539 Larkin.
 ALTER church, \$900; 904 Rhode Island; owner, Baptist Bay Cities Union, 83 McAllister St.; contractor, Joel Johnson & Son, 1614 Church St.
 SIGN, electric, \$175; 1823 Ocean Ave.; owner, W. S. Milbourne, prem.; contractor, J. K. Herzog Electric Co., 370 Van Ness Ave. South.
 SIGN, electric, \$250; 1159 Market St.; owner, Dr. J. Duvaras, premises; contractor Wonderlite Neon Prod. Co., 170 Otis St.
 SIGN, electric, \$75; SW 28th and Geary St.; owner, Texaco Co., Hearst Bldg.; contractor, Globe Electric Co., 1879 Mission St.
 ALTER welling, \$372; 3637 Baker St.; owner, W. H. Mesler, 2415 Bay St. contractor, Oscar Fresco & Sons, 250 Langton St.
 ALTER dwelling, \$250; 2600 McAl-lister St.; owner, Frank J. Endri-ches, premises; contractor, National Roofing & Siding Co., 2172 Market St.
 ALTER dwelling, \$250; 50 Tiffany; owner, M. Laveria, prem.; contractor, J. Hofferman, Inc., 3933 20th St.
 ALTER salesroom, \$240.00; SE Van Ness and Golden Gate Avenues; owner, Sarah L. Coffin, Balfour Bldg.; contractor, Love & Haun, 666 Mission St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|----------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Fower Plants |
| 3.—Churches | 13.—Public Buildings, Warehouses |
| 4.—Factories and | 14.—Residences |
| Warehouses | 15.—Schools |
| 5.—Fleets | 16.—Banks, Stores and |
| 6.—Garages and Service Stations | 17.—Theatres |
| 7.—Federal Buildings | 18.—Wharves & Docks |
| 8.—Club Buildings | 19.—Misc. Const. |
| 9.—Hospitals | 20.—Misc. Supplies & |
| 10.—Hotels | |

1— APARTMENTS

Bids Opened
APARTMENTS Cost, \$.....
BURLINGAME, San Mateo Co., Cal. Three-story frame apartment house 18 apts.; six 2-room, twelve 4-room, composition and tile roof, steel and wood sash, hardwood floors, tile baths and stall showers, steam heating plant
Owner—C. DeBenedetti, 916 N Humboldt St., Burlingame (San Mateo 2786).
Architect—R. R. Irvine, 2048 Market St., San Francisco.
Low Bidder—G. W. Williams Co., 10 California Dr., Burlingame, \$65,273.00.
 Complete bids follow:
Geo. W. Williams Co., Burlingame \$65,273
A. F. Mattock Co., S. F. 65,328
H. H. Larsen, S. F. 66,223
Moore & Roberts, S. F. 68,490
Anderson & Ringrose, S. F., 71,000
 Bids held under advisement.

To Be Done By Day's Work
APARTMENTS Cost, \$37,000
OAKLAND, Alameda Co., Cal. 360-62 Perkins St.
 Two-story 34-room apartment house to house eighteen families.
Owner & Builder—Geo. & G. L. Barker, 337 17th St.
Architect—Edith Northman, 3050 1/2 W. Pico Blvd., Los Angeles. * 1

3— CHURCHES

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal.—The Thiesen Co., 525 Stonehurst Dr., Pasadena, at \$75,885, awarded contract by the Roman Catholic Chancery of the Diocese of Los Angeles. Rt. Rev. John J. Cantwell, Archbishop, for construction of a reinforced concrete church building (56 x140 ft.) at Main St. and Electric Avenue, Alhambra, for All Souls' Church, Father Peter Hanrahan, pastor. Plans prepared by Henry Carlton Newton, A.I.A., 502 Architects' Bldg., Los Angeles. 3

LOW BIDDER
ALPINE, Ariz.—Bryant Whiting, P.O. Box 151, Eager, Ariz., submitted low bid for a new edifice to be built in Alpine, Apache Co., Ariz., for the Church of Jesus Christ of Latter-Day Saints. Cost, \$20,000. Work is scheduled to start within 30 days. Alexander & Burton, architects, 918 Title & Trust Bldg., Phoenix. 3

LOW BIDDER
SNOWFLAKE, Ariz.—Geo. W. Hoggan, 1634 W. Polk St., Phoenix,

submitted low bid for a new 1-story edifice to seat 360 to be built in Snowflake, Navajo Co., Ariz., for the Church of Jesus Christ of Latter-Day Saints. Cost, \$60,000. Work is scheduled to start within 30 days. Alexander & Burton, architects, 918 Title & Trust Bldg., Phoenix. 3

CONTRACT AWARDED
ALHAMBRA, Los Angeles County, Cal.—The Thiesen Co., 525 Stonehurst Dr., Pasadena, awarded contract by the Roman Catholic Chancery of the Diocese of Los Angeles; Rt. Rev. John J. Cantwell, Archbishop, for construction of a reinforced concrete church building at Main St. and Electric Ave., Alhambra, for All Souls' Church; Father Peter Hanrahan, pastor. Cost, \$75,000. Plans prepared by Henry Carlton Newton, A.I.A., 502 Architects' Bldg., Los Angeles. 3

Contract Awarded
ALTERATIONS Cost, \$14,000
SAN FRANCISCO, 1839 Geary St. Alterations to synagogue.
Owner—Congregation Beth Israel, Prem.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park. 3

Sub-Contracts Awarded
CHURCH Est. Cost, \$140,000
SACRAMENTO, Sacramento Co., Cal. 2231 M Street.
 New church building.
Owner—Church of Christ Scientist.
Architect—Not Given.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.
Roofing—F. A. Clark, Route 1, Box 1888.
Plumbing—M. R. Carpenter 907 Front Street.
Electric Wiring—J. W. Thomas, 3216 J Street.
Heating—Luppen & Hawley, Inc., 3126 J Street.
Iron Grille Work, Struc. Steel and Reinf. Steel—Falm Iron Works, P. O. Box 743.
Grading & Excavating—J. R. Reeves, P. O. Box 1072.
Lumber—Diamond Match Co., Chico.
Painting—C. V. Brown, 2216 L St.
Lathing and Plastering—T. F. Scollan Co., 2919 T St.
Concrete—C. R. Feidler.
Hollow Tile—Harry Johnson, 818 26th Street.
Steel Sash—Soule Steel Company.
 All of Sacramento. 3

4— FACTORIES & WAREHOUSES

Contract Awarded
ALTERATIONS Cost, \$7,000
SAN FRANCISCO, NE Arkansas and 17th Streets.
 Alter factory.
Owner—Real Estate Development Co., Hearst Bldg.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. 4

Preparing Working Drawings
WAREHOUSE AND OFFICE Cost, \$5,000
SANTA ROSA, Sonoma Co., Cal. Reinforced concrete building (40 x 80 ft.), to contain coolers, offices and storage space; cork insulation, composition roof, concrete floors, etc.
Owner—Challenge Cream & Butter Assn.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Upon completion of plans, general bids will be received.

Plans Completed
FACTORY Cost, \$.....
SAN FRANCISCO, Minna St., E of Eleventh St.
 One-story concrete factory building.
Owner—E. F. Hillman.
Architect—Chas. F. Strothoff, 2274 15th St.
Contractor—Robert McCarthy, 1363 14th Ave., San Francisco.

Additional Sub-Contracts Awarded
WAREHOUSE Est. Cost, \$100,000
SAN FRANCISCO, Beale and Bryant Streets.
 Steel frame warehouse (wood and composition roof, wood piles, steel sash).
Owner—Matson Navigation Co., 215 Market Street.
Structural Engineer—Kaj Theill, 580 Market Street.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.
Steel Sash—Michel and Pfeffer Iron Works, Inc., 10th and Harrison.
Lumber—Christensen Lbr. Co., Quint and Evans Avenue.
 Sub-contracts awarded previously reported Feb. 21 and Mar. 3. 4

Contract Awarded
PLANT ADDN. Cont. Pr., \$9,150
OAKLAND, Alameda Co., Cal. 8th and Fallon Streets.
 Addition to plant.
Owner—Geo. R. Borrmann Steel Co., 25 Eighth St., Oakland.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Contractor—D. W. Nicholson, 357 12th St., Oakland.
 Structural steel contract awarded Moore Dry Dock Co., foot of Adeline St., Oakland, at \$4,525.

5— FLATS

Preparing Plans
FLATS Est. Cost, \$12,000
SAN FRANCISCO, Sunset District.
 Two-story and basement frame flats (two 5-room flats), hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

To Be Done By Day's Work
FLATS Cost, \$6,000
SAN FRANCISCO, E. 24th Ave., 275 feet south of Lincoln Way.
 Two-story frame and stucco flats.
Owner & Builder—Jas. C. Duerner, 250 Ortega St.
Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$10,000
SAN FRANCISCO, E. Stanyan, 266 ft S Geary St.
 Two-story and basement frame flats.
Owner & Builder—Peder P. Johnson, 70 Stanyan St.
Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$7,000
SAN FRANCISCO, E. 17th Ave., 100 ft N. Taraval St.
 Two-story frame flat building.
Owner & Builder—J. C. Hammerberg, 1200 Fulton St.
Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$7,500
SAN FRANCISCO, E. Leavenworth,

PACIFIC CONSTRUCTOR

WELLING
 52) 443 DAVENPORT, OAK-
 LAND. Two-story 6-room
 dwelling.
 Owner—C. Jensen, 55th Ave., Oak-
 land.
 Contractor—C. F. Lodge, 749 Collier
 Dr., San Leandro. \$6000
 Architect—Not Given.

ALTERATIONS
 53) 2005 8TH AVE., OAKLAND.
 Alterations.
 Owner—Chas. Swanson, Prem.
 Contractor—Home Owners Imp. Co.,
 350 Hobart St.
 Architect—Not Given. \$1500

BUILDING CONTRACTS SAN FRANCISCO COUNTY

o. Owner	Contractor	Amt.
37 Eagle Hall	Miller	1599
38 Rooney	Bernhardt	5200
39 Pisani	Bernhardt	6300
40 Coca-Cola	Siegrist	20327
41 Cook	Casty	15762
42 Canton	Herring	2840
43 Pac. T. & T.	Barrett	1555

ALTERATIONS
 287) 273 GOLDEN GATE AVE.
 Alter lodge hall.
 Owner—Eagles Hall Assn., Prem.
 Engineer—H. M. Engle, 110 Sutter
 St.
 Contractor—Miller Constr. Co., 3917
 Mission St.
 Filed Apr. 7, '38. Dated Apr. 6, '38
 75% on completion.
 25% usual 35 days.
TOTAL COST, \$1599.00
 Bond, \$1599. Surety, Standard Acc.
 ns. Co. Limit, 50 days. Plans and
 specifications filed.

WELLING
 288) N. 17TH ST., 225 W TEMPLE.
 One-story and basement frame
 dwelling.
 Owner—Harold J. and Marcella A.
 Rooney.
 Architect—D. E. Jaekle, 126 Post St.
 Contractor—Albert Bernhardt, 2406
 22nd Ave.
 25% frame up.
 25% brown coat.
 25% completion.
 25% usual 35 days.
TOTAL COST, \$5200.00
 Limit, 120 days.

WELLING
 289) E. GOUGH, 35 N GREEN-
 WICH. One-story and basement
 frame dwelling.
 Owner—Louis Pisani and Olga Pi-
 sani.
 Contractor—Albert Bernhardt, 2406
 22nd Ave.
 Filed Apr. 7, '38. Dated Mar. 15, '38.
 25% frame up.
 25% brown coat.
 25% completion.
 25% usual 35 days.
TOTAL COST, \$6300.00
 Limit, 120 days.

GARAGE
 290) E. CONNECTICUT, 100 S OF
 17TH ST. Garage building.
 Owner—The Coca-Cola Bottling Co.,
 Prem.
 Architect—Edward T. Foulkes, 357
 12th St., Oakland.
 Contractor—F. R. Siegrist, 604 Mis-
 sion St.
 75% each month.
 25% usual 35 days.
TOTAL COST, \$20,327.00
 Bond, \$10,170. Surety, Amer. Surety
 Co. of N. Y. Limit, 60 days. Plans
 and specifications filed.

WELLING
 (291) LOT 32, BLK 2837, FOREST
 HILL COURT, SOTELLO AVE.

Two-story and basement frame
 dwelling.
 Owner—Mrs. Sarah G. Cook and
 Miss Ruth Cook.
 Architect—John Davis Young, 2002
 California St.
 Contractor—John Casty & Son, 666
 Mission St.
 Filed Apr. 8, '38. Dated Apr. 7, '38
 75% each month.
 25% usual 35 days.
TOTAL COST, \$15,762.00
 Limit, August 15, 1938. Plans and
 specifications filed.

VAULT DOOR ENTRANCE
 (292) 555 MONTGOMERY STREET.
 Vault door entrance.
 Owner—The Bank of Canton, Prem.
 Architect—Wm. G. Merchant, Russ
 Bldg.
 Contractor—Herring-Hall-Marvin
 Safe Co., 214 California St.
 Filed Apr. 8, '38. Dated Mar. 23, '38
 75% completion.
 25% usual 35 days.
TOTAL COST, \$2840.00
 Plans and specifications filed.

CABLE HOUSES
 (293) CRISSY FIELD AND POINT
 CAVALLO, MARIN CO. Two re-
 inforced concrete cable houses
 and concrete runway.
 Owner—Pac. Tel. & Tel. Co., 444 Bush
 St.
 Contractor—Barrett & Hilp, 918 Har-
 rison St.
 Filed Apr. 13, '38. Dated Apr. 11, '38
 75% completion.
 25% 40 days after.
TOTAL COST, \$1,555.00
 Bond, \$1,555. Surety, Pac. Indemnity
 Co. Limit, 25 days. Plans and spec-
 ifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

169 Skaggs	Comer	3650
170 Kaiser	Hoxey	935
172 Boorman	Nicholson	9150
173 Boorman	Moore	4525

(169) 281-287 WAYNE AVE., OAK-
 LAND. Installation and finish-
 ing of oak flooring, etc.
 Owner—M. B. Skaggs, Prem.
 Contractor—L. H. Comer, 159 Santa
 Cruz Ave., Daly City.
 Filed Apr. 5, '38. Dated Mar. 7, '38
 40% complete\$1000.00
 80% complete 1000.00
 Completion 735.00
 Usual 35 days 915.00
TOTAL COST, \$3,650.00
 Bond, \$3650. Surety, Nat. Auto Ins.
 Co. of L. A. Limit, Apr. 20, 1938.
 Plans and specifications filed.

PAINTING
 (170) FOOT FIFTH ST., Oakland.
 Painting plant.
 Owner—Henry J. Kaiser Co., Lath-
 am Square Bldg., Oakland.
 Architect—Not Given.
 Contractor—John Hoxey, 665 Eddy
 St., Apt. 31, San Francisco.
 Filed, Apr. 12, '38. Dated, Apr. 4, '38.
 Weekly payments of.....80%
 Usual 35 days.....20%
TOTAL COST, \$985.00
 Bond, \$985. Sureties, U. S. Fidelity
 & Guaranty Co. Limit, 10 days. Plans
 and specifications filed.

ADDITIONS
 (172) EIGHTH ST., NEAR FAL-
 LON, OAKLAND. Additions to
 distributing warehouse.
 Owner—Geo. R. Boorman Steel Co.,
 Prem.
 Architect—Will G. Corlett, Bank of
 Amer. Bldg., Oakland.

Contractor—D. W. Nicholson, 357 12th
 St., Oakland.
 Filed Apr. 13, '38. Dated Apr. 11, '38
 10th day each month, 90% labor
 and material;
 Usual 35 days, 10%.
TOTAL COST, \$9,150.00
 Limit, July 1, 1938. Plans and spec-
 ifications filed.

FABRICATION, ETC.
 (173) EIGHTH ST., NEAR FAL-
 LON, OAKLAND. Fabrication
 and painting structural steel for
 additions to warehouse.
 Owner—Geo. R. Boorman Steel Co.,
 Prem.
 Architect—Will G. Corlett, Bank of
 America Bldg.
 Contractor—Moore Dry Dock Co., ft.
 of Adeline St.
 Filed Apr. 13, '38. Dated Mar. 25, '38
 10th day each month, 75% labor
 and material;
 Usual 35 days, 25%.
TOTAL COST, \$4,525.00
 Limit, May 15, 1938. Plans and spec-
 ifications filed.

SAN FRANCISCO CO. PERMITS UNDER \$1000

MARQUEE, \$925; 237 Powell Street;
 owner, Dunne's, prem.; contractor,
 Brumfield Elec. Sign Co., 965
 Folsom St.
 SIGN, electric, \$350; 1329 Fulton St.;
 owner, Morning Glory, premises;
 contractor, Apex Elec. Co., 363
 Fell St.
 SIGN, electric, \$450; 2100 Van Ness
 Ave.; owner, Robert Grison, 2100
 Van Ness; contractor, Lindy El.
 Co., 4640 Geary Blvd.
 ALTER flats, \$150; 661 Greenwich;
 owner, P. G. Molinar, premises;
 contractor, Bernie D'Amico, 76
 Pixley St.
 SIGN, electric, \$25; 2975 Mission St.;
 owner, Modern Eat Shop, 2975
 Mission St.; contractor, Wonder-
 lite Neon Prod. Co., 170 Otis St.
 ALTER dwelling, \$455; 518 Forester
 St.; owner, Hans N. Sandstrom,
 518 Forester; contractor National
 Roofing and Siding Co., 2172
 Market St.
 ALTER store, \$500; 1143 Grant Ave.;
 owner, Mr. Yim, 20 Adele Court;
 contractor, Shang Git & Co, 145
 Waverly Place.
 ALTER dwelling, \$500; 25 17th Ave.;
 owner, P. Camfiche, 2539 Larkin.
 ALTER church, \$900; 904 Rhode Is-
 land; owner, Baptist Bay Cities Un-
 ion, 83 McAllister St.; contrac-
 tor, Joel Johnson & Son, 1614
 Church St.
 SIGN, electric, \$175; 1823 Ocean Ave.,
 owner, W. S. Milbourne, prem.;
 contractor, J. K. Herzog Electric
 Co., 370 Van Ness Ave. South.
 SIGN, electric, \$250; 1159 Market St.;
 owner, Dr. J. Duvaras, premises;
 contractor Wonderlite Neon Prod.
 Co., 170 Otis St.
 SIGN, electric, \$75; SW 28th and
 Geary St.; owner, Texaco Co.,
 Hearst Bldg.; contractor, Globe
 Electric Co., 1879 Mission St.
 ALTER welling, \$372; 3637 Baker St.;
 owner, W. H. Mesler, 2415 Bay St.
 contractor, Oscar Fresco & Sons,
 250 Langton St.
 ALTER dwelling, \$250; 2600 McAl-
 lister St.; owner, Frank J. End-
 rich, premises; contractor, Nat-
 ional Roofing & Siding Co., 2172
 Market St.
 ALTER dwelling, \$250; 50 Tiffany;
 owner, M. Lavora, prem.; contrac-
 tor, J. Hefferman, Inc., 3933
 20th St.
 ALTER salesroom, \$240.00; SE Van
 Ness and Golden Gate Avenues;
 owner, Sarah L. Coffin, Balfour
 Bldg.; contractor, Love & Haun,
 666 Mission St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | Offices |
| 2.—Eoods | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Fever Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & |

1— APARTMENTS

Bids Opened
APARTMENTS Cost, \$.....
BURLINGAME, San Mateo Co., Cal. Three-story frame apartment house 18 apts.; six 2-room, twelve 4-room, composition and tile roof, steel and wood sash, hardwood floors, tile baths and stall showers, steam heating plant.
 Owner—C. DeBenedetti, 916 N Humboldt St., Burlingame (San Mateo 2786).
 Architect—R. R. Irvine, 2049 Market St., San Francisco.

Low Bidder—G. W. Williams Co., 10 California Dr., Burlingame, \$65,273.00.
 Complete bids follow:
 Geo. W. Williams Co., Burlingame \$65,273
 A. F. Mattock Co., S. F. 65,325
 H. H. Larsen, S. F. 66,223
 Moore & Roberts, S. F. 68,490
 Anderson & Ringrose, S. F. 71,000
 Bids held under advisement.

To Be Done By Day's Work
APARTMENTS Cost, \$37,900
OAKLAND, Alameda Co., Cal. 360-62 Perkins St.
 Two-story 34-room apartment house to house eighteen families.
 Owner & Builder—Geo. & G. L. Bakkar, 337 17th St.
 Architect—Edith Northman, 3050 1/2 W. Pico Blvd., Los Angeles. * 1

3— CHURCHES

CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Cal.—The Thiesen Co., 525 Stonehurst Dr., Pasadena, at \$75,885, awarded contract by the Roman Catholic Chancery of the Diocese of Los Angeles, Rt. Rev. John J. Cantwell, Archbishop, for construction of a reinforced concrete church building (56 x140 ft.) at Main St. and Electric Avenue, Alhambra, for All Souls' Church, Father Peter Hanrahan, pastor. Plans prepared by Henry Carlton Newton, A.I.A., 502 Architects' Bldg., Los Angeles. 3

LOW BIDDER
ALPINE, Ariz.—Bryant Whiting, P.O. Box 151, Eager, Ariz., submitted low bid for a new edifice to be built in Alpine, Apache Co., Ariz., for the Church of Jesus Christ of Latter-Day Saints. Cost, \$20,000. Work is scheduled to start within 30 days. Alexander & Burton, architects, 913 Title & Trust Bldg., Phoenix. 3

LOW BIDDER
SNOWFLAKE, Ariz.—Geo. W. Hoggan, 1634 W. Polk St., Phoenix,

submitted low bid for a new 1-story edifice to seat 360 to be built in Snowflake, Navajo Co., Ariz., for the Church of Jesus Christ of Latter-Day Saints. Cost, \$60,000. Work is scheduled to start within 30 days. Alexander & Burton, architects, 913 Title & Trust Bldg., Phoenix. 3

CONTRACT AWARDED
ALHAMBRA, Los Angeles County, Cal.—The Thiesen Co., 525 Stonehurst Dr., Pasadena, awarded contract by the Roman Catholic Chancery of the Diocese of Los Angeles; Rt. Rev. John J. Cantwell, Archbishop, for construction of a reinforced concrete church building at Main St. and Electric Ave., Alhambra, for All Souls' Church; Father Peter Hanrahan, pastor. Cost, \$75,000. Plans prepared by Henry Carlton Newton, A.I.A., 502 Architects' Bldg., Los Angeles. 3

Contract Awarded
ALTERATIONS Cost, \$14,000
SAN FRANCISCO, 1839 Geary St. Alterations to synagogue.
 Owner—Congregation Beth Israel, Prem.
 Architect—Not Given.
 Contractor—Geo. Wagner, 181 South Park. 3

Sub-Contracts Awarded
CHURCH Est. Cost, \$140,000
SACRAMENTO, Sacramento Co., Cal. 2231 M Street.
 New church building.
 Owner—Church of Christ Scientist.
 Architect—Not Given.
 Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.
Roofing—F. A. Clark, Route 1, Box 1888.
Plumbing—M. R. Carpenter 907 Front Street.
Electric Wiring—J. W. Thomas, 3216 J Street.
Heating—Luppen & Hawley, Inc., 3126 J Street.
Iron Grille Work, Struc. Steel and Reinf. Steel—Palm Iron Works, P. O. Box 743.
Grading & Excavating—J. R. Reeves, P. O. Box 1072.
Lumber—Diamond Match Co., Chico.
Painting—C. V. Brown, 2216 L St.
Lathing and Plastering—T. F. Scollan Co., 2919 T St.
Concrete—C. R. Feidler.
Hollow Tile—Harry Johnson, 818 26th Street.
Steel Sash—Soule Steel Company.
 All of Sacramento. 3

4— FACTORIES & WAREHOUSES

Contract Awarded
ALTERATIONS Cost, \$7,000
SAN FRANCISCO, NE Arkansas and 17th Streets.
 Alter factory.
 Owner—Real Estate Development Co., Hearst Bldg.
 Architect—Not Given.
 Contractor—Geo. Wagner, 181 South Park, San Francisco. 4

Preparing Working Drawings
WAREHOUSE AND OFFICE Cost, \$.....
SANTA ROSA, Sonoma Co., Cal. Reinforced concrete building (40 x 80 ft.), to contain coalers, offices and storage space; cork insulation, composition roof, concrete floors, etc.
 Owner—Challenge Cream & Butter Assn.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Upon completion of plans, general bids will be received.

Plans Completed
FACTORY Cost, \$.....
SAN FRANCISCO, Minna St., E of Seventh St.
 One-story concrete factory building.
 Owner—E. F. Hillman.
 Architect—Chas. F. Strothoff, 2274 15th St.
 Contractor—Robert McCarthy, 1343 14th Ave., San Francisco.

Additional Sub-Contracts Awarded
WAREHOUSE Est. Cost, \$100,000
SAN FRANCISCO, Beale and Bryant Streets.
 Steel frame warehouse (wood and composition roof, wood piles, steel sash).
 Owner—Matson Navigation Co., 215 Market Street.
 Structural Engineer—Kaj Theill, 580 Market Street.
 Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.
Steel Sash—Michel and Pfeffer Iron Works, Inc., 10th and Harrison.
Lumber—Christensen Lbr. Co., Quint and Evans Avenue.
 Sub-contracts awarded previously reported Feb. 21 and Mar. 3. 4

Contract Awarded
PLANT ADDN Cont. Pr., \$9,150
OAKLAND, Alameda Co., Cal. 8th and Fallon Streets.
 Addition to plant.
 Owner—Geo. R. Borrman Steel Co., 25 Eighth St., Oakland.
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.
 Contractor—D. W. Nicholson, 357 12th St., Oakland.
 Structural steel contract awarded Moore Dry Dock Co., foot of Adeline St., Oakland, at \$4,525.*

5— FLATS

Preparing Plans
FLATS Est. Cost, \$12,000
SAN FRANCISCO, Sunset District.
 Two-story and basement frame flats (two 5-room flats), hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St.

To Be Done By Day's Work
FLATS Cost, \$6,000
SAN FRANCISCO, E. 24th Ave., 275 feet south of Lincoln Way.
 Two-story frame and stucco flats.
 Owner & Builder—Jas. C. Duerner, 250 Ortega St.
 Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$10,000
SAN FRANCISCO, E. Stanyan, 266 ft S Geary St.
 Two-story and basement frame flats.
 Owner & Builder—Peder P. Johnson, 70 Stanyan St.
 Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$7,000
SAN FRANCISCO, E. 17th Ave., 100 ft. N. Taraval St.
 Two-story frame flat building.
 Owner & Builder—J. C. Hammerberg, 1200 Fulton St.
 Architect—Not Given. 5

To Be Done By Day's Work
FLATS Cost, \$7,500
SAN FRANCISCO, E. Leavenworth,

57 ft. N Bay St.
Two-story and basement frame flats.
Owner & Builder—Chas. Koehnig Sons,
208 Dorland St.
Architect—E. A. Neumarkel, 1374
36th Ave. 5

To Be Done By Day's Work
LATS (2) Cost, \$5,000 each
SAN FRANCISCO. E. Pierce, 87 ft
NW Lombard St.
Two 2-story and basement frame
flat buildings.
Owner & Builder—Thos. R. Sharman,
3700 Broderick St.
Architect—Not Given. 5

To Be Done By Day's Work
LATS Cost, \$5,000
SAN FRANCISCO—NW Carolina &
AN Southern Heights Ave.
Two-story and basement frame flats.
Owner and Builder—Fred Susoeff, 10
Southern Heights Ave.
Architect—F. W. Dakin, 625 Market
Street. 5

GARAGES & SERVICE STATIONS

Contract Awarded
GARAGE Est. Cost, \$9,000
ACRAMENTO, Cal. 12th St., bet.
E and F Sts.
One-story public garage building (80
x100 ft.); concrete foundations and
concrete floors, glass and lath
and plaster interior partitions,
brick and cement as exterior fin-
ish, composition roof.
Owner—Peterson Estate, Sacramento
Architect—Frederick S. Harrison, 824
J St., Sacramento.
Contractor—C. J. Hopkinson, 1810
28th St., Sacramento.

April 8, 1938.

Contract Awarded
GARAGE Cont. Pr., \$20,327
SAN FRANCISCO. E. Connecticut,
100 ft. S 17th St.
One-story and basement reinforced
concrete garage building.
Owner—The Coca-Cola Bottling Co.,
Prem.
Architect—Edward T. Foulkes, 357
12th St., Oakland.
Contractor—F. R. Siegrist, 604 Mis-
sion St., San Francisco.

Sub Contracts Awarded
GARAGE
FRESNO, Cal. 126 Inez St., near
Tulare St.
One-story reinforced concrete garage
building (63x120 ft.).
Owner—Pacific Telephone & Tele-
graph Co., 140 New Montgomery
St., San Francisco.
Plans by Engr. Dept. of Owner.
Contractor—W. J. Ochs, Helm Bldg.,
Fresno.
Reinf. Steel and Steel Sash—Kyle &
Co., Fresno.
Roofing—Valley Lumber Co., Fresno.
Hardware—Walter Byde, Inc., 1331
Fulton, Fresno.
Electric Work—Robinson Electric,
116 N. Van Ness, Fresno.
Plastering—Joseph Masi, 515 Olean-
der, Fresno.
Glass and Glazing—Valley Glass Co.,
2220 Inyo, Fresno.
Roof Trusses—Healey & Popovich,
1911 Merced St., Fresno.
Plumbing—Service Plumbing Com-
pany, Fresno.
Millwork—Madary Planing Mill,
Fresno.

Plans Being Figured—Bids Close
April 20, Noon.
SERVICE STATION Cost, \$.....
SAN FRANCISCO. Kearny Street,
Columbus Ave. and Pacific St.
New steel gasoline service station.
Owner—McKale's, Inc.
Plans by Owner.
Plans are being figured by the fol-

lowing selected list of contractors:
Aetna Const. Co., 1730 24th Ave.
Barrett & Hulp, 918 Harrison St.
Fred J. Early, Jr., 369 Pine Street.
De Luca & Son, Inc., 1745 Filbert.
Grant - Martinelli Const. Co., 44
Mary Street.

7— FEDERAL BUILDINGS

LOW BIDDERS
SAN FRANCISCO.—Alta Roofing
Co., 976 Indiana St., at \$1,988, sub-
mitted low bid to the Procurement
Division, Public Buildings Branch,
Washington, D. C., for furnishing
materials and performing the work
for roof repairs to the U. S. Post Of-
fice and Court House, San Francisco.
Second low bid submitted by J. W.
Bender Roofing & Paving Co., at
\$2,222.

BID CALL WITHDRAWN
SAN FRANCISCO.—The Procure-
ment Division, Public Buildings Br.,
Washington, D. C., on April 7, with-
drew from the market a call for bids
scheduled to have been opened on
that date, for partition changes, etc.,
at the Federal Office Bldg. at San
Francisco.

Contract Awarded
VAULT Cont. Pr., \$170,800
SAN FRANCISCO. U. S. Mint, Du-
boce Ave. and Market St.
Additional storage vault (except ele-
vators), approx. 158 ft. long, 66
ft. wide and 24 ft. deep, with two
decks, to be sunk in the present
driveway; work involves excava-
tion, ventilating system, etc.

Owner—United States Government.
Plans by the Procurement Division,
Public Buildings Branch, Wash-
ington, D. C.

Contractor—B. A. Howkins & Co.,
1182 Market Street.

Contract awarded on basis of ac-
ceptance of Prop. No. 2. Complete
bids published April 5.

CONTRACT AWARDED
LONG BEACH, Los Angeles Co.,
Cal.—Hull, Smale & Robinson, P. O.
Box 815, Wilmington, awarded con-
tract by Public Works Officer, 11th
Naval District, San Diego, at \$5400
for alterations and repairs to fleet
moorings at the 11th Naval District,
Los Angeles, and Long Beach har-
bors; Spec. 8690.

CONTRACT AWARDED
SANTA BARBARA, Calif.—Nick
Hemming, 627 28th Ave., San Fran-
cisco, at \$977,000 awarded contract by
the Procurement Division, Public
Buildings Branch, Washington, D. C.,
for fence, curbs, etc., at the U. S.
Post Office at Santa Barbara.

COMPLETE BIDS
SAN FRANCISCO.—As previously
reported, Alta Roofing Co., 976 In-
diana St., at \$1,988, submitted low
bid to the Procurement Division,
Public Bldgs. Branch, Washington,
D. C., for furnishing materials and
performing the work for roof re-
pairs to the U. S. Post Office and
Court House, San Francisco.

Other bids were:
J. W. Bender Roofing & Paving Co.,
San Francisco, \$2,222.
Guilfof Cornice Works, San Fran-
cisco, \$2,773.

CONTRACT AWARDED
SAN DIEGO, Cal.—San Diego Ele-
vator & Electric Co., 504 13th Street,
San Diego, at \$90,000 awarded con-
tract by the Public Works Officer, 11th
Naval District, for repairs to ele-
vator at the Naval Hospital; Spec.

Planned
POST OFFICE Cost, \$67,500
MANTECA, San Joaquin Co., Calif.
Opposite City Hall, Block 10, Ma-
ple Ave.

Two-story U. S. Post Office.
Owner—U. S. Government.
Plans by Supervising Architect of
the Treasury Dept., Washington,
D. C.
Site purchased at cost of \$2500; to-
tal appropriation \$70,000.

Bids Wanted—To Close April 28.
1 P. M.
FEDERAL EXHIBIT BLDG.
Cost, \$500,000
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
Federal Exhibit building to house the
Government exhibits.
Owner—United States Golden Gate
International Exposition Commis-
sion (Geo. Creel, Commissioner),
200 Bush St., San Francisco.
Consulting Architect—Timothy L.
Pflueger, 580 Market Street, San
Francisco.

Plans and specifications may be
obtained at the offices of the Com-
missioner, 200 Bush St., upon deposit
of \$50 (returnable) in cash or cer-
tified check payable to the order of
George Creel, Commissioner.
Bids will be opened in the Commis-
sioner's office.

Contract Awarded
POST OFFICE Cont. Pr., \$170,200
GLASGOW, Montana.
U. S. Post Office and Courthouse
(except elevator).
Owner—United States Government
Plans by Procurement Division, Pub-
lic Bldgs. Branch, Washington,
D. C.
Contractor—Busboom & Rauh, 153 S.
Santa Fe Ave., Salina, Kansas.

CONTRACT AWARDED
PUGET SOUND, Wash.—Moline
Elevator Co., 113 Madison St., Se-
attle, Wash., at \$3,676 (General Store-
house only), submitted low bid and
was awarded contract by the Bureau
of Yards and Docks, Navy Depart-
ment, for safety devices for eleva-
tors in General Storehouse Building
290 at Puget Sound Navy Yard,
Bremerton, Wash. Spec. No. 8666.

BIDS WANTED
WHIPPLE, Ariz.—Until May 17,
1:30 p.m., bids will be received by
the Veterans' Administration, Arling-
ton Bldg., Washington, D. C., for pas-
senger elevator in Main Building No.
107, at Whipple.
Drawings and specifications may
be obtained from the above office
and from the Supervising Superin-
tendent of Construction, Veterans'
Administration Facility, Palo Alto,
Calif.

BIDS WANTED
GREAT FALLS, Mont.—Until May
6, 10 a.m., bids will be received by
the Procurement Division, Public
Buildings Branch, Washington, D. C.,
for additional vault for the U. S.
Post Office and Court House at
Great Falls, Mont.
Drawings and specifications may
be obtained from the above office
and from the Custodian of the Bldg.
at Great Falls.

BIDS WANTED
LAS VEGAS, N. M.—Until April 28,
2 p.m., bids will be received by the
Division of Purchases and Sales, De-
partment of Commerce, Washington,
D. C., for the construction of Ad-
cock tower, antenna system and ra-
dio facility building near Las Vegas,
N. M.; Prop. No. 29103. Bidding data
may be obtained from the above of-
fice.

April 14, 1938
SPOKANE, Wash.—Until May 6th, bids will be received by the Chief of Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for construction of Adcock Tower Antenna and Radio Facility Bldg. near Spokane.

The work consists of five 133-foot steel towers (steel furnished) and construction of 15½-ft. by 28-ft. masonry building, concrete foundation, fence and driveways, etc. The principal items of work are 800 c.y. of earthwork, 100 c.y. of concrete; 8500 bricks, 1000 tiles, 200 glass blocks, 7400 lbs. of reinf. steel, 150 rods of fencing, 50 c.y. of road materials. The government will furnish certain special equipment. No other radio equipment will be required.

BIDS WANTED

LAS VEGAS, N. M.—Until April 28 bids will be received by the Chief of Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for construction of Adcock Tower Antenna and Radio Facility Bldg. at Las Vegas, New Mexico.

The work consists of five 133-ft. steel towers (steel furnished) and construction of 15½-ft. by 28-ft. masonry building, concrete foundation, fence, driveway, etc. The principal items of work are: 800 c.y. of earthwork, 100 c.y. of concrete; 8500 bricks 1000 tiles, 200 glass blocks, 7400 lbs. of reinf. steel, 195 rods of fencing, 75 c.y. of road materials. The Government will furnish certain special radio equipment. No other radio equipment will be required.

BIDS WANTED

SAN FRANCISCO.—Until April 25, 10 a.m., bids will be received by the Constructing Quartermaster, Ft. Mason, for repairs to steam turbine and generator in power plant at Letterman General Hospital, California.

Contract Awarded
RENO, ODELING Cont. Pr., \$148,000
PHOENIX, Arizona.
 Remodel U. S. Courthouse, Etc. (including elevators).

Owner—United States Government.
 Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Contractor—Thos. L. Dawson Co., 2031 Washington Ave., Kansas City, Mo.

8— CLUB BUILDINGS

Sub Contracts Awarded
ALTERATIONS Cost, \$30,300
SAN FRANCISCO. 545 Powell St.
 Alterations to club building.
 Owner—The Family Club.
 Architect—Miller & Pflueger, 580 Market St.

Engineer—W. S. Huber, 1 Montgomery St.

Contractor—G. P. W. Jensen and Sons, Inc., 320 Market St.

Concrete—Mission Concrete Co., 270 Turk St.

Steel—Western Iron Works, 141 Beale St.

Contract Awarded
CLUB HOUSE Cont. Pr., \$15,150
SANTA CRUZ, Santa Cruz Co., Cal.
 Mission Street.

Club house, containing auditorium, stage, lounge, kitchen, storage space, etc.

Owner—Santa Cruz Women's Club (Mrs. Geo. P. Butler, Chairman).
 Architect—C. J. Ryland, Carmel and Monterey.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Bids Opened
ALTERATIONS
ORINDA, Alameda Co., Cal. Orinda Country Club.
 General alterations to present club building.
 Owner—Orinda Country Club.
 Architect—Masten & Hurd, 442 Post St., San Francisco.

Low Bidder—C. M. Teigland, 525 49th St., Oakland—\$12,117.

Complete bids follow:
 C. M. Teigland, Oakland.....\$12,117
 Empire Constr. Co., Ltd., San Francisco 12,343
 F. C. Stolte Co., Alameda..... 12,996
 Emil Person, Berkeley..... 13,300
 H. P. Atkinson, Orinda..... 14,360
 G. P. W. Jensen & Sons, Inc., San Francisco..... 14,900

9— HOSPITALS

Bids Opened
HOSPITAL Cost, \$100,000
WATSONVILLE, Santa Cruz Co., Cal. Alvarado, Monte Vista and Brewington Streets.

One - story reinforced concrete and frame hospital bldg. (123 rooms) wards and private patient rooms, soundproof nursery and delivery rooms, waiting room, superintendent's and business offices, consultation and examination rms., surgery, solarium, 2 sun porches, nurses' quarters and living room, kitchens, dining rooms, lighting and fire alarm systems, switch-board, etc.

Owner—Watsonville Hospital Board of Directors (Dr. Frank E. Blaisdell, Secretary).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Low Bidder—Victor A. Kaufenberg, Hotel St. Marks, 12th and Franklin Sts., Oakland, \$102,750.

Total bids were as follows:
 Victor A. Kaufenberg—\$102,750.
 F. C. Stolte Co., Alameda—\$103,800.
 Central Calif. Constr. Co., S. F.—\$105,629.

H. H. Larsen Co., S. F.—\$105,723.
 H. H. Henning, Stockton—\$105,900.
 Geo. J. Maurer, Piedmont—\$105,988.

Mastercraft Constr. Co., Watsonville—\$106,400.
 Nielsen & Erbentraut, San Jose—\$106,600.

Carl N. Swenson Co., San Jose—\$107,737.

F. T. Wallstrum, Watsonville—\$109,430.
 Ralph S. Friend, Watsonville—\$112,000.

Moore & Roberts, S. F.—\$112,415.

A number of alternates were included in the bidding schedule. All bids were taken under advisement by the board.

Contract Awarded
HOSPITAL Cont. Pr., \$85,200
WATSONVILLE, Santa Cruz County, Cal. Alvarado, Monte Vista and Brewington Streets.

One - story reinforced concrete and frame hospital bldg. (123 rooms), wards and private patient rooms, soundproof nursery and delivery rooms, waiting room, superintendent's and business offices, consultation and examination rms., surgery, solarium, 2 sun porches, nurses' quarters and living room, kitchens, dining rooms, lighting and fire alarm systems, switch-board, etc.

Owner—Watsonville Hospital Board of Directors (Dr. Frank E. Blaisdell, Secretary).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
 Contractor—Victor A. Kaufenberg, Hotel St. Mark, 12th and Franklin Sts., Oakland.

Acceptance of certain alternates reduced total amount of bid.

Contract Awarded
HOSPITAL Cost, \$275,000
ANCHORAGE, Alaska.
 Four-story concrete hospital bldg.
 Owner—Sisters of Charity, House of Providence.
 Architect—John W. Maloney, Larson Bldg., Yakima, Washn.
 Contractor—MacDonald Const. Co., Colman Bldg., Seattle.

10— HOTELS

Contract Awarded
ALTERATIONS & ADDITIONS Cost, \$4

MORGAN HILL, Santa Clara Co., Calif. Skeel's Hotel.

General alterations and additions to hotel, including new store, tap-room, bedrooms, baths, etc.
 Owner—Harry Skeels, c/o Architect.
 Architect—Higgins and Root, Chester Root, Architect, Security Building, San Jose.

Contractor—G. M. Latta, 157 Rhodes Court, San Jose.

12— POWER PLANTS

BIDS WANTED

BRAWLEY, Imperial Co., Calif.—Until April 25, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for furnishing and installing a forced-draft cooling tower, heat exchangers, centrifuge, transfer and sump pumps and piping for the additions to the District's Diesel power plant at Brawley, in accordance with plans and Spec. No. 9, which may be obtained at the district office, El Centro, upon deposit of \$10 per set. The principal items of work involved are as follows:
 One 2,400,000-g.p.m. forced-draft cooling tower.
 Three 4,000,000-btu per-hour heat exchangers;
 Three 2,000,000-btu. do;
 One 400-gph. centrifuge;
 One sump and three fuel-oil pumps;
 Piping for plant extension.

The project will be financed by loan and grant from PWA under Docket No. Calif. 1088-F-D.

Certified or cashier's check or bond, 5%, must accompany each proposal. W. W. Goodson, Secretary, M. J. Dowd, chief engineer and general superintendent. * 12

CONTRACT AWARDED

BRAWLEY, Imperial Co., Calif.—O. L. Carpenter, Box 426, Palm Springs, awarded contract by the Imperial Irrigation District, at \$16,172, for construction of conc. foundation and other structures for additions to Diesel power plant at Brawley, a PWA project. 12

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

SAN DIEGO, Cal.—Until May 3, 10 A. M., bids will be received by the San Diego City Council for the substructure (ground floor) of the new city jail and police station to be built at Market St. and Pacific Highway, San Diego. The reinforced concrete building will be built around an open court and will have extreme dimensions of 400x280 ft. Appropriation for the substructure is \$104,000. Other units will be built later. Quayle Eros and A. O. Treganza, 601 Spreckels Bldg., San Diego, are the architects. 13

April 8, 1938

MONTE NIDO, Cal.—J. B. McIntosh, 1822 Vassar Ave., Glendale, submitted low bid at \$8,149 to the Los Angeles County Supervisors April 5 for a patrol station (Bldg. No. FD-382) to be built at Monte Nido; Spec.

Contract Awarded EXHIBIT BLDGS. Cont. Pr., \$419,000 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of buildings in North Square Court at Yerba Buena Shoals; Contract No. 143 (work involves extensions to Palaces 12 to 14 and Palaces 15 and 16, Ferry Entrance Towers, walls and arches, pylon, steps and cascades).

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco. Contractor—Barrett & Hip, 918 Harrison St., San Francisco.

Contracts Awarded DETENTION HOME Cost, \$... MODESTO, Stanislaus Co., Calif. One-story all reinforced concrete detention home (approx. 30x125-ft.) Owner—County of Stanislaus. Architect—G. N. Hilburn, 1211 K St., Modesto

Contractor—Harry E. Brown, Rt. 4, Box 1551, Modesto, \$20,551. General bids were received as follows: (1) detention home; (2) garage; and (3) pumphouse.

Complete general bids follow: Harry E. Brown, Modesto (contract awarded) (1) \$19,298; (2) \$937; (3) \$256.

Arnold Bros., Modesto: (1) \$19,475; (2) \$1200; (3) \$245. L. Uebel, Ripon: (1) \$19,590; (2) \$998; (3) \$225.

George Roek, Stockton: (1) \$19,980; (2) \$3200; (3) \$2,850. C. H. Dodd, Stockton: (1) \$20,217; (2) \$1070; (3) \$216.

Cotner, Tomnitz & King, Modesto: (combined bid) \$20,900. D. J. Nichols, Stockton: (1) \$21,246; (2) \$1008; (3) \$297.

C. A. Hillberg, Turlock: (1) \$21,500; (2) \$1098; (3) \$258.

Plumbing Work Hansen's, 609 10th St., Modesto, (contract awarded), \$2,895. C. A. Hillberg, Turlock, \$2,950. George Roek, Stockton, \$3,200. Mark Ross, Modesto, \$4,104.

Electric Wiring Hansen's, 609 10th St., Modesto (contract awarded) \$748. Modesto Electric Co., Modesto, \$653. C. A. Hillberg, Turlock, \$890.

Heating Turner Hardware & Implement Co., P. O. Box 1050, Stockton (contract awarded) \$1425. George Roek, Stockton, \$2850. Mark Ross, Modesto, \$3,487.60.

Pressure System Green & Barry (contract awarded) \$894.20. Mark Ross, Modesto, \$978.

Sewage Disposal Plant C. H. Dodd, Stockton, \$340. C. A. Hillberg, Turlock, \$450. George Roek, Stockton, \$565. Contract for sewage disposal plant was not awarded.

Planned ADDITION Cost, \$10,000 PALO ALTO, Santa Clara Co., Cal. One-story wing addition to present library building. Owner—City of Palo Alto (Mrs. Winifred Kidd, City Clerk). Architect—C. K. Sumner, Decker oak Bldg., Palo Alto.

It is reported that an appropriation will shortly be made to finance work.

Bids Opened REST ROOM SACRAMENTO, Sacramento Co., Cal. Land Park. Rest room. Owner—City of Sacramento.

Architect—Herbert Goodpastor, Mitau Bldg., Sacramento. Low Bidder—Chas. F. Unger, 2426 Seventh Ave., Sacramento—\$3746. Only other bid submitted by Holdener Constr. Co., Sacramento, at \$4200.

BIDS WANTED SAN DIEGO, Cal.—Until May 3, 10 a.m., bids will be received by the San Diego City Council for the sub-structure (ground floor) of the new city jail and police station to be built at Market Street and Pacific Highway, San Diego. The reinforced concrete building will be built around an open court and will have extreme dimensions of 400x280 ft. Appropriation for the substructure is \$104,000. Other units will be built later. Quayle Bros. and A. O. Treganza, 601 Spreckels Bldg., San Diego, are the architects. Certified check for 10% must accompany each bid. Plans obtainable from the city clerk upon deposit of a certified check for \$50. 13

Sub-Contracts Awarded SERVICE BLDG. Cont. Pr., \$7,474 SACRAMENTO, Sacramento Co., Cal. State Capitol Grounds. Erection and completion of additions and alterations to Service Bldg., State Capitol grounds (work consists of remodeling an existing cement plastered wood frame service building and constructing a new 1-story brick service building with wood walls and concrete floors, wood shingled roof.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Contractor—Lawrence Const. Co. 2573 18th St., Sacramento.

Roofing and Lumber—Friend & Terry Lumber Co., Front and S Streets. Sheet Metal—McLaughlin Sheet Mtl Works, 1914 I Street.

Mill Work—Moore & Garlick, 1716 Alhambra Blvd. Hardware—The Diamond Match Co., Chico. Lathing and Plastering—S. A. Tucherfarber, 2116 36th Street.

Concrete—Perkins Gravel Co., 1546 37th Street. All of Sacramento unless otherwise noted.

14— RESIDENCE To Be Done By Day's Work RESIDENCE Cost, \$6,000 OAKLAND, Alameda Co., Calif. Two-story frame residence (6 rms.). Owner and Builder—Daniel McCarthy, 3155 64th Ave., Oakland. Architect—Not Given. 14

Additional Sub-Contracts Awarded ALTERATIONS Cost, \$..... WOODSIDE, San Mateo Co., Calif. Alterations to residence. Owner—James F. Waters. Architect—D. D. Stone, 381 Bush St., San Francisco. Contractor—Lindgren and Swinerton, Inc., 615 Standard Oil Bldg., San Francisco. Mirrors—Michel & Pfeffer Iron Wks., Inc., 10th and Harrison Streets, San Francisco. Glass—Arthur A. Goepf, Inc., 70 12th St., San Francisco.

Sub-contracts previously awarded published February 21 and March 25. 14

Contract Awarded RESIDENCE Cost, \$10,000 SAN JOSE, Santa Clara Co., Calif. University Drive. Two - story frame and stucco residence (7 rooms).

Owner—Dr. John Wilson. Architect—Not Given. Contractor—Gibson-Wheeler Co., Inc., 19 N Second St., San Jose. 14

Contract Awarded RESIDENCE Cost, \$10,000 SAN MATEO, San Mateo Co., Calif. Lot 17 Block 6, Howard Street. Two - story frame and stucco residence.

Owner—James D. Taylor, 236 Villa Terrace, San Mateo. Architect—Not Given. Contractor—Mooney & McDonald Inc 1477 Burlingame Ave. Burlingame 14

To Be Done By Day's Work ADDITIONS Cost, \$8,000 SAN MATEO, San Mateo Co., Calif. 220 Bayshore Boulevard.

Additions to motor court. Owner and Builder—A. B. Cobb, 220 Bayshore Blvd., San Mateo. Architect—Not Given. 14

Preparing Preliminary Plans RESIDENCE Est. Cost, \$7,500 MILLBRAE, San Mateo Co., Cal. Two-story frame residence (6 rooms). Owner—Withheld. Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

To Be Done By Day's Work RESIDENCE Cost, \$7,800 OAKLAND, Alameda Co., Cal. 5901 Margarido Drive. Two - story frame and stucco residence (6 rooms). Owner and Builder—E. Campomonte, 6401 Broadway Ter., Oakland. 14

Preparing Preliminary Plans RESIDENCE Cost, \$..... PIEDMONT PINES, Alameda Co., Cal. Felton Drive. Two-story frame residence; all plaster exterior with brick veneer alternate, hardwood floors, tile baths, wood sash, etc. Owner—Withheld. Architect—Charles W. McCall, 837 Santa Rey Road, Oakland.

Completing Plans RESIDENCE Est. Cost, \$5,400 SANTA ROSA, Sonoma Co., Cal. One-story frame residence (6 rooms), shingle roof, gas floor furnaces, hardwood floors, tile bath, etc. Owner—Frank Donovan, c/o Archt. Architect—William Herbert, Rosenberg Bldg., Santa Rosa. Plans will be completed next week and general bids asked.

Contract Awarded RESIDENCE Cost, \$..... BERKELEY, Alameda Co., Cal. Hotel Fairmont Tract. Two - story frame and stucco residence (10 rooms, 4 baths, 3 toilet rooms), steel sash, shake roof, hardwood floors, tile baths, warm air heating plant, canvas walls. Owner—C. C. Young, c/o Architect. Architect—Angus McSweeney, 604 Mission St., San Francisco. Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Bids Opened RESIDENCE Cost, \$..... STOCKTON, San Joaquin Co., Calif. Westmore District. One - story and basement frame and stucco residence (double garage). Owner—Frank M. Edyvean, c/o Archt. Architect—Peter Sals, 2150 N. Commerce St., Stockton. Low Bidder—Ecker Bros., 1860 Ramona Ave., Stockton, \$5,712. Other bids were: H. W. Johnson.....\$6,040 W. J. Scott.....6,092

Dave Moore 6,326
 W. R. Ashworth 6,723
 All of Stockton.

Contract Awarded
RESIDENCE Cost, \$6,000
 BERKELEY, Alameda Co., Cal.
 One-story frame residence (6 rooms), garage.
 Owner—Milton Green, 6474 Benvenue Ave.
 Architect—Not Given.
 Contractor—Hugo Miller, Jr., 6339 Contra Costa Road. 14

Contract Awarded
RESIDENCE Cost, \$6,100
 OAKLAND, Alameda Co., Cal. 3063
 Joaquin Miller Road.
 One-story frame and stucco residence.
 Owner—T. Del Fava, 1 Hillwood Pl.
 Architect—Ray Keefer, 585 Mandana Blvd.
 Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd. 14

To Be Done By Day's Work
RESIDENCE Cost, \$6,000
 OAKLAND, Alameda Co., Cal. 4159
 Wilshire Blvd.
 One-story frame and stucco residence (6 rooms).
 Owner & Builder—W. H. Wisheropp Co., 3041 Wisconsin St.
 Architect—Not Given. 14

To Be Done By Day's Work
RESIDENCES (4) Cost, \$4,000 ea.
 SAN FRANCISCO, E. Chester St., south of Alenany Blvd.
 Four one-story and basement frame residences.
 Owner & Builder—Matire & Alessandri, 766 Silver Ave.
 Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$12,000
 SAN JOSE, Santa Clara Co., Calif.
 Garden Dr. and University Way.
 Frame and stucco residence (six rooms).
 Owner—C. J. Haas, Hotel Salnte Claire.
 Architect—Not Given.
 Contractor—Bert P. Ward, 1139 Lincoln Ave. 14

Preparing Preliminary Plans
RESIDENCE Cost, \$10,000-12,000
 SACRAMENTO, Calif.
 Two-story frame residence (eight rooms).
 Owner—Dr. Lawson, c/o Archt.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans Being Figured—Bids Close
 April 19 8:00 P. M.
RESIDENCE Cost, \$.....
 OAKLAND, Alameda Co., Cal., near Mills College.
 Two-story frame and stucco residence (6 rooms), shingle roof.
 Owner—Withheld.

Architect—Geo. Patton Simonds, 80 Main St., Hayward.
 Following is partial list of selected contractors figuring plans:
 Arthur Holyoake, 2839 Avenue, Hayward.
 Parsons & Williams, 2262 20th Ave., Oakland.

Contract Awarded
RESIDENCE Est. Cost, \$15,762
 SAN FRANCISCO, Lot 32, Blk. 2837,
 Forest Hill Court, Sotelo Ave.
 Two-story & basement frame residence.
 Owner—Sarah G. Cook.
 Architect—John Davis Young, 2002 California St.
 Contractor—John Casty & Son, 666 Mission St.

Contract Awarded
RESIDENCE Cont. Price, \$5,095
 SACRAMENTO, Sacramento Co., Cal.
 College Tract.
 One-story frame residence.
 Owner—Al. Carroll, c/o Architect.
 Architect—Herbert Goodpaster, Miltau Bldg., Sacramento.
 Contractor—C. E. DeCuir, 2739 Marshall St., Sacramento.

Contract Awarded
RESIDENCE Est. Cost, \$5000
 SACRAMENTO, Sacramento Co., Cal.
 One-story frame and stucco residence (6 rooms) concrete foundations, oak floors and linoleum, gas furnace, garage.
 Owner—Capt. W. B. Telfer.
 Architect—Frederick S. Harrison, 824 J St., Sacramento.
 Contractor—J. F. Butts, 1312 Del Paso Blvd., North Sacramento.

Preparing Plans
RESIDENCE Cost, \$.....
 SAN MATEO CO., Cal. Garden Village.
 Two-story frame and stucco residence.
 Owner & Builder—Paul A. Wolter, Jr., 90 Ravenwood Dr., San Francisco.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Plans Completed
AUTO COURT Cost, \$11,000
 SAN MATEO CO., Cal. Bayshore Blvd., Bayshore City.
 New auto court.
 Owner—Rafaele Borg, 1783 Revere Ave., San Francisco.
 Architect—J. J. Foley, 770 5th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, \$8,000
 SAN MATEO, Calif. W. Bellevue, Lot 28.
 Two-story frame residence.
 Owner—Andrew S. Lassen, San Mateo.
 Architect—Not Given.
 Contractor—Lengfeld & Ohnd, Ltd., 220 3rd Ave., San Mateo. 14

Plans Completed
RESIDENCE Cost, \$.....
 HILLSBOROUGH, San Mateo Co., Calif.
 Two-story frame and brick veneer residence (nine rooms, 3 baths), shingle roof, hardwood floors; Colonial style.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Plans will be figured shortly by a selected list of contractors.

Completing Plans
RESIDENCE Cost, \$8,000
 SAN RAFAEL, Marin Co., Calif. J and Fourth Streets.
 One-story frame provincial French residence (two baths) roof shake, hardwood floors, wood sash, etc.
 Owner—John Morton, San Rafael.
 Architect—H. H. Winner, Wordsworth Ave., Ross.

Being Done By Day's Work
RESIDENCES (10) Cost, \$3500 ea.
 SACRAMENTO, Calif. SE Cor. Frinzenza Ave. and 12th St.
 Ten one-story frame and stucco residences (5 rooms each), double garage for each; shingle roofs, concrete foundations, circulating heaters, etc.
 Owner & Builder—J. F. Butts, 1312 Del Paso Blvd., North Sacramento, Cal.
 Architect—Frederick S. Harrison, 824 J St., Sacramento.

Plans Being Figured—Bids Close
 April 20
RESIDENCE Cost, \$.....
 SAN FRANCISCO, SW Normandie Terrace and Vallejo Sts.
 Two-story and basement frame and stucco residence with penthouse (5 bedrooms, 5 baths), tile kitchens and bathrooms, wood paneling, canvas walls, hardwood floors, steam heating system, dumb waiter, etc.
 Owner—Mrs. Rose Naify.
 Architect—John H. Ahnden, 822 39th Ave.

Plans are being figured by the following selected contractors:
 Sbarboro & Jorgensen, 207 Walnut Street.
 W. Martin & Son, 666 Mission St.
 Salih Bros., 25 Taylor St.

Contract Awarded
RESIDENCE Cost, \$6,000
 SAN FRANCISCO, W. 24th Ave., 200 ft N Lawton St.
 One-story and basement frame residence.
 Owner—A. Waxman, c/o Contractor.
 Architect—Not Given.
 Contractor—Claude T. Lindsay, 820 Taraval St. 14

Sub-Contracts Awarded
RESIDENCE Est. Cost, \$4,800
 SANTA ROSA, Sonoma Co., Calif.
 One-story frame and wood siding residence (5 rooms) wood shingle roof, gas floor furnaces, hardwood floors, tile bath, etc.
 Owner—D. G. Saunders.
 Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.
Plumbing—Geo. Mitchell, 513 3rd St.
Electric Wiring—Karl F. Stolting, 1067 Fourth St.
Heating & Sheet Metal—D. E. Metzger, 898 4th St.

Title Work—W. H. Moody, 629 5th St.
Hardwood Floors—W. A. Jorgensen, Barham Avenue.
Iron Grille Work—Mark Haines, 5 "B" Street.
Brick and Stone Work—D. Lancina, College Avenue.

Lumber and Mill Work—Henry Laws Lumber Co., 8th and Wilson Sts.
Hardware—Dixon Hardware & Implementation Co., 425 Fourth St.
Painting—C. W. Sullberg & Son, 606 Spencer St.
Lathing and Plastering—A. C. Ingham, 525 Rose Court.
Concrete—Gus H. Felix, 510 South A. All of Santa Rosa. *

Preparing Plans
RESIDENCE Cost, \$8,000
 SAN FRANCISCO, Visitation Valley.
 Two-story frame residence (6 rms.), hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

To Be Done By Day's Work
RESIDENCES (4) Cost, \$4,000 each
 SAN FRANCISCO, E. 25th Ave., N Lawton St.
 Four one-story and basement frame residences.
 Owner & Builder—Claude T. Lindsay, 820 Taraval St.
 Architect—Not Given. 14

Plans Completed
RESIDENCE Cost, \$6,000
 ATHERTON, San Mateo Co., Cal.
 One-story frame residence (5 rms.), steel sash, tile baths, cement plaster exterior, shingle roof, gas hot air heating system.
 Owner—Mr. Sumer, c/o Contractor.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contractor—John H. White, Rte. 1, Box 390-H, Menlo Park.

Contract Awarded
RESIDENCE Cost, \$.....
OAKMORE, Alameda Co., Cal. Waterhouse Road.
One and one-half story frame and stucco residence (6 rooms).
Owner—W. Schoettler, c/o Archt.
Architect—I. M. Johnson, 2219 Seventh Ave., Oakland.
Contractor—Frank R. Hill, 3215 Fruitvale Ave., Oakland.

Contract Awarded
RESIDENCE Cost, \$.....
DEL MESA TRACT, Marin Co., Cal. One-story frame and wood siding residence (7 rooms), white and knotty pine in den and living room, hardwood floors, linoleum baths, brick terrace.
Owner—C. C. Warr, c/o Architect.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—Leach & Wallace, 133 Saunders Ave., San Anselmo.

Plans Completed
RESIDENCES (2) Cost, \$4,500 ea.
MENLO PARK, San Mateo Co., Cal. Two one-story Monterey Colonial floor furnaces, (5 rooms each), floor furnaces, Oak and linoleum floors, tile baths, shake roofs, etc.
Owner & Builder—John H. White, Rt. 1, Box 390-H, Menlo Park.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, \$17,000
SANTA ROSA, Sonoma Co., Calif. Two-story residence (eight rooms, including large trophy room).
Owner—Barney Lieurance, c/o Architect.
Architect—Mark Daniels, 101 Post St., San Francisco.
Plans are being figured by the following select list of Santa Rosa contractors:
Louis Halvorsen, 128 Dutton Ave. C. W. Hansen, Svyta Lane. W. D. Rapp, 517-A Fourth Street. Robt. J. Whiting, 624 Spencer Ave. E. Ahlstrom, 323; Santa Rosa Ave.

Plans Being Figured—Bids Close
April 19, 1 P. M.
REMODELING Cost, \$.....
HAYWARD, Alameda County, Calif. Maddox Road.
Remodel residence.
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main St., Hayward.
Plans are being figured by the following selected contractors:
Arthur Holyoake, 2839 E Avenue, Hayward.
George Lund, 21696 Montgomery Ave., Hayward.

Contract Awarded
RESIDENCE Cont. Pr., \$14,253
BURLINGAME HILLS, San Mateo Co., Cal.
Two-story frame residence with wood siding; hardwood floors, tile baths, etc.
Owner—Richard Raoul-Duval, c/o Architect.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—E. J. Schmalting, 863 Melville Ave., Palo Alto.

Preparing Plans
RESIDENCE Est. Cost, \$8,600
CARMEL, Monterey Co., Calif. Two-story frame residence (bedrooms, 2 baths) shake roof, plaster interior, air conditioning system, etc.
Owner—Dr. McCarthy, c/o Architect.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

BIDS OPENED
RESIDENCE
PLACERVILLE, Calif.
Two-story residence (eleven rooms, three baths).
Owner—Dr. McKinnon, c/o Archt.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Low Bidder—D. E. Morton, 65 Broadway, Placerville—\$16,260.
Complete bids follow:
D. E. Morton, Placerville.....\$16,260
Frank Schmershal, Placerville 16,338
Azevedo Constr. Co., Sacto.....16,550
Jul Johnson & Son, Sacto.....18,600
Chas. F. Unger, Sacto.....18,900
Bids held under advisement.

CONTRACT AWARDED
LOS ANGELES, Cal.—William C. Warmington, 8330 W. 3rd St., awarded contract for a two-story 16-room residence (96 x 120 ft.), to be built at 10,615 Bellagio Rd., West Los Angeles, for George Miller; Wallace Neff, architect, 5926 Franklin Ave., Hollywood. Cost, \$45,000. 14

Contract Awarded
RESIDENCE Cost, \$6,000
SANTA ROSA, Sonoma Co., Cal. Two-story frame and stucco residence (7 rooms, 2 baths), shingle roof, hardwood floors, tile baths, basement furnace.
Owner—L. G. Hitchcock, c/o Architect.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P.O. Box 115, Santa Rosa.

Bids Rejected
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. One-story frame and stucco residence (hardwood floors, tile baths wood sash, etc.)
Owner—L. H. Bliss, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
Plans will be re-figured shortly.

Plans Completed
RESIDENCE Cost, \$.....
MILL VALLEY, Marin Co., Calif. New frame residence.
Owner & Builder—Jos. Hornsby, Mill Valley.
Architect—Conrad T. Kett, 519 California St., San Francisco.

Plans Completed
RESIDENCE Cost, \$.....
MILL VALLEY, Marin Co., Calif. New frame and stucco residence.
Owner & Builder—Thomas Bickstaff, 21 Mt. View Avenue, Mill Valley.
Architect—Conrad T. Kett, 519 California St., San Francisco.

Contract Awarded
RESIDENCE Cost, \$6,000
SANTA ROSA, Sonoma Co., Cal. Two-story frame and wood siding residence (7 rooms and 2 baths), shingle roof, hardwood floors, tile baths, basement furnace.
Owner—P. G. Connick, c/o Architect.
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P.O. Box 115, Santa Rosa.

Contract Awarded
RESIDENCE Est. Cost, \$5,500
RICHMOND, Contra Costa Co., Cal. One and one-half story frame and stucco residence (6 rooms) shingle roof, wood sash, gas floor furnaces.
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Avenue, Richmond.
Contractor—Norman E. Anderson, 599 30th St., Richmond.

Low Bidder
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Cal. Hazel Road.
One-story California Colonial type residence (8 rooms, 2 baths), gas heating plant, tile baths, steel sash, etc.
Owner—Mr. Aitken.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland.

Preparing Preliminary Plans
RESIDENCE Cost, \$10,000
SAN FRANCISCO. University Terr. Two-story and basement frame and stucco residence (7 rooms).
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St. 14

Plans Completed
RESIDENCE Est. Cost, \$5,000
SAN FRANCISCO. Sanchez and Hill. One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, wood sash, etc.
Owner and Builder—George Moore, Mgr. of Const.—Cyril Deane, 49 Rico Way.
Plans Completed
RESIDENCE Cost, \$.....
SAN FRANCISCO. East Normandie Terrace.
Two-story and basement frame and stucco residence (tile roof, gas heating system, hardwood floors, tile baths, etc.)
Owner—Sbarboro and Jorgensen, 207 Walnut Street.
Architect—John H. Ahnden, 822 39th Avenue.

Preparing Working Drawings
REMODELING Cost, \$.....
HAYWARD, Alameda County, Calif. Maddox Road.
Remodel residence.
Owner—Withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.

To Be Done By Day's Work
RESIDENCE Cost, \$8,000
SAN FRANCISCO. W. Aptos Way, 206 ft. S Upland Drive.
Two-story and basement frame residence.
Owner & Builder—Charles Andersen, 150 Granville Way.
Architect—Not Given. 14

15—SCHOOLS

Funds Allotted
LABORATORY Cost, \$108,000
DAVIS, Yolo Co., Calif. U. C. College of Agriculture
Construction of Enology Laboratory.
Owner—Regents of the University of California, Berkeley
Plans by Owners.
Appropriation made from the University's share of the Fair and Exposition Fund

CONTRACT AWARDED
LOS ANGELES, Cal.—Geo. Mitty, 122 S. Avenue 20, awarded contract by L. A. Board of Education, at \$24,100, for partial construction of a new classroom building at the Overland Avenue School, 10,635 Putney Road, West Los Angeles. Ralph Flewelling, architect, 614 Architects' Bldg.; Paul E. Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer. 15

Preparing Plans
SCHOOL Est. Cost, \$40,000
SAN LUCAS, Monterey Co., Calif. School bldg. to contain three classrooms, auditorium, kitchen etc.
Owner—San Lucas School District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Preparing Plans
SCHOOL Est. Cost, \$46,000
MARTINEZ, Contra Costa Co., Cal.
 Block bounded by Almond Street,
 Vine Ave., Sycamore Street and
 Palm Ave.

One-story frame primary school bldg.
 to contain a kindergarten and
 several classrooms.
Owner—Martinez School District.
Architect—H. H. Weeks, 593 Market
 St., San Francisco.

New Bids Wanted—To Close April
 22, 2:00 P. M. Est. Cost, \$68,000

SCHOOL
PORTERVILLE, Tulare County, Cal.
 Olive Street.

Reinforced concrete grammar school
 to contain eight classrooms, li-
 brary and offices.
Owner—Porterville Grammar School
 District.

Architect—W. D. Coates, 626 Rowell
 Bldg., Fresno.
 At previous bid opening, Feb. 11, R.
 Hodgson & Sons, Porterville, submit-
 ted low bid, at \$79,990.

BOND ELECTION
SAN JOAQUIN CO., Cal.—Atheam
 School District will vote on April 29
 on a proposal to issue bonds in the
 amount of \$15,000, proceeds to fi-
 nance construction of alterations and
 additions to school buildings. * 15

BIDS WANTED
WHITTIER, Los Angeles Co., Cal.
 —Until April 20, 7:30 P. M., bids will
 be received by the Whittier City
 School District, 615 W. Hadley St.,
 Whittier, for construction of a one-
 story reinforced concrete building
 (240x30-ft.) at the Lou Henry Hoover
 school in Whittier. Est. cost,
 \$50,000. Plans obtainable at the of-
 fice of the school district or from
 the architect, Wm. H. Harrison, 1101
 Architects' Bldg., Los Angeles, upon
 deposit of \$25. Certified or cashier's
 check or bond for 5% to accompany
 bid. 15

CONTRACT AWARDED
WASCO, Kern Co., Cal.—Ted Claw-
 son, Wasco, awarded contract by the
 Wasco Union School District, at \$2,-
 990, for construction of a transform-
 er building in Wasco. Plans were
 prepared by John P. Perrine, 323
 Bank of America Bldg., Visalia. 15

CONTRACT AWARDED
WASCO, Kern County, Calif.—J. E.
 Pettjohn & Co., P. O. Box 141, De-
 lano, awarded contract by the Wasco
 Union School District at \$4188, for
 furnishing and installing the follow-
 ing equipment, apparatus and fur-
 nishings: One dishwasher, 1 scullery
 sink and bid., 1 scullery washer
 counter, 2 steam tables, 2 service
 counters, 1 service table, 1 work
 table and sink, 1 gas range and
 backing, 1 water heater, 1 electric
 fan and housing, 1 refrigerating ma-
 chine, 1 refrigerating cabinet, 1 ice
 water system, 2 water service foun-
 tains, 1 lot of benches and tables, 1
 lot of cabinets and stands, 1 lot of
 window screens, and all steam, gas
 water and other piping; also electric
 wiring required for the above. Plans
 were prepared by John P. Perrine,
 323 Bank of America Bldg., Visalia. 15

CONTRACT AWARDED
SISKIYOU COUNTY, Cal.—F. H.
 Neilson, Orland, at \$17,928.56 (ac-
 cepting Alt. No. 3) awarded contract
 by the Hornbrook School District
 Board of Trustees, Frank H. Howe,
 Clerk, Hornbrook, for the erection of
 a frame 3-room and part basement
 school building to be erected upon

the school premises at Hornbrook.
 Plans were prepared by Architects
 Clark & Keeney, Medford, Oregon.

The bids were:
 F. H. Neilson, Orland, \$18,887.25
 (Alt. No. 1) plus \$238.92; (Alt. No. 2)
 deduct \$2,425.47; (Alt. No. 3) deduct
 \$959.39.

Nick Young, Yreka, \$21,951 (1)
 add \$100; (2) deduct \$3500; (3) de-
 duct \$1810. * 15

Architect Appointed to Prepare Plans
AUDITORIUM Cost, \$.....
SAN FRANCISCO, Portola Junior
 High School.
 One-story auditorium building.
Owner—City and County of S. F.
Architect—Geo. A. Applegarth, Russ
 Bldg., San Francisco. * 15
 (7430)

Complete Bids
SHOP BUILDING
BERKELEY, Alameda County, Calif.
 Bancroft Way and Grove Street.
 First unit of two- and part three-
 story reinforced concrete & steel
 shop building, to consist of frame
 work and foundations, to be con-
 structed on the grounds of the
 Berkeley High School.
Owner—Berkeley Unified School Dis-
 trict (Clara E. Andrews, Secy.),
 2325 Milvia St., Berkeley.
Architects—W. G. Corbett, Bank of
 America Bldg., Oakland, and H.
 H. Gutterson, 526 Powell St., San
 Francisco.

Low Bidder—W. K. van Bokkelen
 Constr., 430 23rd Street, Oakland
 —\$119,298.

Bids were received as follows: (1)
 Work complete; (2) work complete,
 omitting third story; (3) Excavation,
 per cubic yard; (4) Concrete, per cu.
 yd.; (5) Reinforcing steel, per lb.

Complete bids follow:
 Wick Van Bokkelen Constr., Oak-
 land—(1) \$119,298, (2) \$106,745, (3)
 \$1,00, (4) \$25,000, (5) \$460.
 Carl N. Swenson Co., San Jose—(1)
 \$124,257, (2) \$111,233, (3) \$1,50, (4)
 \$17,00, (5) \$0.05.

Peter Sartorio, San Francisco—(1)
 \$125,222, (2) \$111,508, (3) \$1,50, (4)
 \$16,50, (5) \$0.05½.

Palo Alto Road Materials Co., Palo
 Alto—(1) \$126,264, (2) \$116,651, (3)
 \$0,60, (4) \$21,75, (5) \$0.055.

Geo. J. Maurer, Piedmont — (1)
 \$128,370, (2) \$114,941, (3) \$3,00, (4)
 \$25,00, (5) \$0.05.

H. J. Christensen Co., Oakland—
 (1) \$129,775, (2) \$114,342, (3) \$1,50, (4)
 \$25,00, (5) \$0.05.

E. T. Lesure, Oakland—(1) \$130,-
 533, (2) \$115,926, (3) \$2,50, (4) \$24,00,
 (5) \$0.07.

George Swanstrom, Oakland—(1)
 \$132,658, (2) \$118,543, (3) \$1,50, (4)
 \$22,00, (5) \$0.05½.

C. L. Wold Constr. Co., Ltd., San
 Francisco—(1) \$134,650, (2) \$118,995,
 (3) \$2,25, (4) \$18,00, (5) \$0.05.

Barrett & Hill, San Francisco—(1)
 \$139,900, (2) \$123,800, (3) \$1,00, (4)
 \$25; (5) \$0.045.

K. E. Parker Co., San Francisco—
 (1) \$147,000, (2) \$132,687, (3) plus
 \$2.50 minus \$0.50, (4) plus \$20 minus
 \$10, (5) \$0.046.

P. J. Walker, San Francisco—(1)
 \$147,000, (2) \$135,000, (3) \$2,00, (4)
 \$28,00, (5) \$0.05.

Frank J. Reilly Co., San Francisco
 —(1) \$154,331, (2) \$133,331, (3) \$2,00,
 (4) \$22,50, (5) \$0.05.

(1516) 1st report Feb. 12; 3rd, Apr.
 7, 1938. * 15

Preparing Plans
SCHOOL Est. Cost, \$50,000
SAN ARDO, Monterey Co., Calif.
 School building to contain four class-
 rooms, auditorium and kitchen.
Owner—San Ardo School District.
Architect—C. J. Ryland, 136 Bonifa-
 cio Place, Monterey.

LOW BIDDER
LOS ANGELES, Cal.—Geo. Mittry,
 122 S. Ave. 20, submitted low bid to
 L. A. Board of Education, at \$24,100,
 for partial construction of a new
 classroom building at the Overland
 Ave. School, 10,635 Putney Rd., West
 Los Angeles. Ralph Flewelling, ar-
 chitect, 614 Architects' Bldg.; Paul
 E. Jeffers, structural engineer; Ralph
 E. Phillips, mechanical engineer. 15

Bids Opened
HIGH SCHOOL Cost, \$.....
SAN ANSELMO, Marin Co., Calif.
 Sir Francis Drake Boulevard and
 Saunders Avenue.
 One - story and basement frame and
 stucco high school building con-
 taining five classrooms, assem-
 bly hall and woodwork shop; con-
 crete foundations.

Owner—Tamalpais Union High Sch.
 District.
Architect—Walter C. Falch, Hearst
 Bldg., San Francisco.
Structural Engineer—W. H. Ellison
 Pacific Bldg., San Francisco.
 Segregated bids were received as
 follows:

General Construction
 Peter Sartorio, 369 Pine St.,
 San Francisco\$19,988
 Leibert & Troback, San Ra-
 fael 20,661
 Frank J. Reilly Co., S. F. 21,131
 Grant Martinelli Constr. Co.,
 San Francisco 21,965
 E. T. Letter Sons, Oakland 22,867
 De Luca & Son, San Francisco 23,543
 Oliver S. Almie, S. F. 24,442
 Otis H. Smith, San Anselmo... 25,041
 Adam Arias & Son, S. F. 27,989

Mill Work
 Oakland Planing Mill, Inc., 105
 Washington St., Oakland...\$2,239
 Lannom Bros. Mfg. Co. Oakland 2,520
 Henry Ash Company 2,781
 Anderson Bros. Planing Mill Co.
 San Francisco 2,875
 Fairfax Lumber Company 3,160
 California Mill Co. 3,798

Electrical Work
 North Bay Electric Works, Inc.,
 1022 4th St., San Rafael...\$1,507
 Edward J. Lynch Electric Co.,
 San Francisco 1,631
 Scott-Buttner Elec. Co., Oak-
 land 1,837
 J. M. Hymas 2,046

Painting Work
 D. Zelinsky & Sons, Inc., 165
 Grove St., San Francisco...\$ 843
 Raphael Co., San Francisco 819
 M. Bergal Sheet Metal Works... 2,405
 J. T. Neal, Jr., Kentfield 2,468
 E. H. Grimm, San Rafael 2,538

Glass
 Habenchit & Howlett, 529 Clay
 St., San Francisco\$524
 San Rafael Glass Works 582
 Cobbledick - Kibbe Glass Co.,
 Oakland 593
 W. P. Fuller & Co. 633

Sheet Metal Works
 A. L. Nelson Co., 308 B St., San
 Rafael\$174
 San Rafael Sheet Metal Works... 183
 Asbestos Shingle Roof
 Booth & Little, 447 Magnolia
 St., Larkspur 1,678

Plastering
 Clifford Jackson, 48 Broad-
 moor Ave., San Anselmo...\$1,045
 H. W. Lester, San Anselmo... 1,290

Bids Wanted—To Close May 12, 8:00
 P. M.

JUNIOR COLLEGE
 Estimated Cost, \$300,000
SAN MATEO, San Mateo Co., Calif.
 Peninsula Ave. and N. Delaware.
 First unit of new junior college (2-
 story fireproof science building).
Owner—San Mateo Junior College &
 High School District.
Architect—H. A. Thomsen, successor
 to George W. Kelham, 315 Mont-
 gomery St., San Francisco.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Separate bids will be received for general construction, (2) electrical work, and (3) mechanical equipment.

Plans and specifications may be obtained from the architect's office on deposit of \$100.
A set of plans and copy of specifications is on file for examination at the office of the Controller in the Mateo High School Building, in which office bids will be opened.

Contract Awarded

SCHOOL BLDG. Cont. Pr., \$28,628
BYVIN, Kern County, Calif.
First unit (6 classrooms) of an eventual sixteen-classroom elementary school building.
Owner—Arvin Grammar School District.
Architect—Frank Wynkoop, 318 Harborfield Bldg., Bakersfield.
Contractor—J. N. Harvey, 1114 Stockton St., Bakersfield.
Contract price includes acceptance certain alterations.
Complete bids follow:
N. Harvey, Bakersfield..... \$27,850
Frank Greenough, Bakersfield 28,199
W. E. Hall, Bakersfield..... 28,920
H. Hansen & Co., Bakersfield..... 29,338
W. F. Fowler, Bakersfield..... 29,981
F. Chambles, Arvin..... 31,711
C. H. Chibald & Singleton, L. A..... 40,948

Plans Completed

SCHOOL ADDN. Sst. Cost, \$100,000
BYVIN, Marin Co., Calif. E. Mission Street.
Plans and part two-story addition to San Rafael High School, to consist of music room, domestic science room, art room, business school room, physical education room, and vocational shops of reinforced concrete up to first floors and fire-resistant construction above.
Owner—San Rafael High Sch. District (Mr. Hartzell, Superintendent of schools).
Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.
Plans and specifications for the shops have been completed and forwarded to the State Division of Architecture for approval.

April 13, 1938.

Preparing Plans

ADDITION Est. Cost, \$16,000
SALINAS, Monterey Co., Calif.
Three classroom addition to the Santa Rita School.
Owner—Santa Rita School District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

15

BIDS WANTED

SAN JOAQUIN COUNTY, Calif.—Until April 21, 10 A. M., as previously reported, bids will be received by the Davis School District, at the Davis School House, located on U. S. Highway No. 99, seven miles north of the City of Stockton, or at the residence of the Clerk of the School Board of Trustees, A. J. Beckman, Route 1, Box 763, Stockton, for construction of a steel link fence around the Davis school house.
Plans and specifications may be obtained at the Davis School House and from the Clerk's home.
1st report April 2, 1938. 15

Funds Allotted

LIBRARY AND ADMINISTRATION BUILDING Cost, \$275,000
DAVIS, Yolo Co., Calif. U. C. College of Agriculture.
Library and administration building to replace the old Classroom Building.

Owner—Regents of the University of California, Berkeley.
Architects—W. C. Hays, Supervising Architect, University of California Berkeley, associated with Architects Starks and Flanders, Bank of America Bldg., Sacramento.
Appropriation made from the University's share of the Fair and Exposition Fund.
Additional appropriation of \$25,000 made for enlargement of the heating plant at Davis, and \$10,000 to move the present dining hall at Davis. *

Contracts Awarded

HIGH SCHOOL
SAN ANSELMO, Marin County, Cal.
Sir Francis Drake Boulevard and Saunders Avenue.
One-story and basement frame and stucco high school building containing five classrooms, assembly hall and woodwork shop; concrete foundations.
Owner—Tamalpais Union High Sch. District.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Engineer—W. H. Ellison, Pacific Bldg., San Francisco.
The following segregated contracts were awarded:

General Construction
Peter Sartorio, 369 Pine St., San Francisco—\$19,988.

Mill Work
Oakland Planing Mill, Inc., 105 Washington St., Oakland—\$2239.

Electrical Work
North Bay Electric Works, Inc., 1022 4th St., San Rafael—\$1570.

Painting Work
D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco—\$843.

Glass
Habenicht & Howlett, 529 Clay St., San Francisco—\$524.

Sheet Metal Works
A. L. Nelson Co., 308 B St., San Rafael—\$174.

Plastering
Clifford Jackson, 49 Broadmoor Ave., San Anselmo—\$1045.

Wainscoting and Ceiling
Robert L. Cramer, 50 Howard St., San Francisco—\$519.36.

Wallboard
Van Arsdale Harris Lbr. Co., Inc., 5th and Brannan Sts., San Francisco—\$540.33.

Ceiling Insulation
Robert L. Cramer, San Francisco—\$519.36.

Sub Contracts Awarded

MUSIC BLDG. Cont. Pr., \$51,572.50
SALINAS, Monterey Co., Cal.
Addition of a one-story frame and stucco music building (approximately 75 x 100 ft.), to contain a band room and 12 practice rooms at the high school.

Owner—Salinas Union High School District.
Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—V. H. Moore, 15 Williams Road, Salinas. Contract includes all work.

Roofing—Monterey Roofing & Tile Co., 263 Main St., Salinas.

Plumbing, Heating and Sheet Metal—A. D. H. Co., 225 Main Street, Salinas.

Electric Wiring—Salinas Electric Works, 272 Main St., Salinas.

Tile Work—M. G. Bowen, Box 283, Monterey.

Mill Work and Glass—Electric Planing Mill, Hazelton Avenue and Monroe St., Stockton.

Window Shades—Gil Mann Co., 160 2nd St., San Francisco.

Hardwood Floors—E. G. Finn Hardwood Floor Co., 125 Oak St., Sa-

linas.
Iron Grille Work and Structural Steel—Engfer Iron Works, 535 West San Carlos St., San Jose.
Brick and Stone Work—Edward A. Gardiser, 225 Gell St., Salinas.

Concrete Foundations and Grading—W. A. Dontanville, Box 544, Salinas.

Lumber—Tynan Lumber Co., Salinas. Painting—Clarence V. Nelson, 84 Riker St., Salinas.

Lathing and Plastering—Ralph Parsons, Gen. Del., Merina.

Linoleum—West Coast Linoleum & Carpet Co., 1163 Market St., San Francisco.

Window Hardware—Universal Windowing Co., 950 Parker St., Berkeley.

Reinforcing Steel—Dick Richards, 3422 Piedmont Ave., Berkeley.

Acoustical Work—Robert L. Cramer Co., 50 Howard St., San Francisco.

Metal Toilet Partitions—Dwan and Co., 126 Post St., San Francisco.

Indoor Scales—Chamberlin Weather Strip Co., San Francisco.

Tests—Abbott-Hanks, Inc., 624 Sacramento St., San Francisco.

Planned
DORMITORIES Cost, \$2,000,000
BERKELEY, Alameda Co., Cal. University of California.

Construction of a women's dormitory at U. C. Berkeley; men's dormitory at U. C. L. A., Los Angeles and men's dormitory at U. C. College of Agriculture at Davis.
Owner—Regents of the University of California, Berkeley.
Architect—Not Given.

A proposition, which was accepted, was made to the Regents that the Alumni Committee on Dormitories (Walter Hays, chairman), would donate one-half cost of dormitories as outright gift and would loan the Regents the other half. The Alumni Committee on Dormitories will endeavor to raise \$2,000,000 to finance construction.

LOW BIDDER

LOS ANGELES, Calif.—Carl J. Johnson, 654 E. 81st St., Los Angeles, submitted low general contract bid to L. A. Board of Education, at \$19,142 for construction of a 1-story cafeteria building at the Woodrow Wilson High School, 2911 Eastern Ave. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

BIDS WANTED

SAN FRANCISCO.—Until April 20, 1:45 P. M., bids will be received by the Dept. of Public Works, Room 251 City Hall, for furnishing and installing chain link type double gate, 9-ft. 1-in. x 6-ft. 7-in., at the Horace Mann Junior High School.
Specifications obtainable from the Superintendent of Buildings, R. A. Chisholm, 484 11th Street.

Additional Sub Contracts Awarded

HIGH SCHOOL Cont. Pr., \$107,857
EL CERRITO, Contra Costa Co., Cal.
El Cerrito High School.

First unit of 3-story reinforced concrete high school building, consisting of the shell of building without any finish work. Work will include concrete walls, floors, etc.

Owner—Richmond Union High Sch. District (Walter T. Helms, Supt. of Schools).

Architects—Dragon & Schmidts, 2068 Allison Way, Berkeley.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—W. K. Van Bokkelen Construction, 439 23rd St., Oakland.

Glass Brick—Cobbledick-Kibbe Glass Co., Washington at 3rd Streets, Oakland.
 Brick Work—J. Walker, 3001 Barrett St., Richmond.
 Steel Sash and Glazing — Gleason Steel Products Co., 1310 63rd St., Emeryville.
 Mill Work—Hill Lumber Co., El Cerrito.

Sub contracts previously awarded published March 30.

LOW BIDDER

ESCONDIDO, San Diego Co., Calif.—J. K. Thomas, 700 Kress Building, Long Beach, submitted low bid, at \$121,592, to Escondido Union School District, for construction of an assembly building and two classroom buildings at the present elementary school at Maple and Third Streets, Escondido. Low bids for the individual buildings were: Classroom Bldg. No. 1, John Replogle, 910 7th Ave., San Diego, at \$38,890; assembly bldg., Wesco Constr. Co., 2000 Hyperion Ave., Los Angeles, at \$40,558; classroom bldg. No. 2, Wesco Constr. Co., \$40,578. Kistner & Curtis, architects, 675 Spreckels Theater Bldg., San Diego. 15

BIDS OPENED

SAN FRANCISCO.—M. Greenberg's Sons, 765 Polson St., at \$120, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing one bronze plaque over cornerstone at Alta Vista School.

Complete bids follow:
 M. Greenberg's Sons.....\$120
 American Brass & Bronze Co..... 54.08
 Michel & Pfeffer Iron Works,
 Inc..... 68.00
 Fair Mfg. Co..... 78.00
 Anchor Post Fence Co..... 92.00
 Calif. Artistic Metal & Wire Co.....120.00
 (7421) 1st report Apr. 7, 1938. * 15

16—BANKS, STORES AND OFFICES

Contract Awarded ALTERATIONS Cost, \$10,000
 SAN FRANCISCO. 2 Montgomery Street.
 Alterations to bank building.
 Owner—Wells Fargo Bank & Union Trust Co.
 Engineers—Sonneberg & Fisher, c/o Contractor.
 Contractor—MacDonald & Kahn Co., Ltd., Financial Center Bldg. 16

Preparing Preliminary Plans OFFICE BLDG. Est. Cost, \$15,000
 WILLOWS, Glenn Co., Cal.
 Professional office building.
 Owner—Harry McGowan, c/o Archt. Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Preparing Working Drawings MEDICO BLDG. Cost, \$.....
 SANTA ROSA, Sonoma Co., Cal.
 Two-story frame and stucco medico-dental building to contain four suites; wood sash.
 Owner—Withheld.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded REMODELING Cont. Price, \$16,960
 OROVILLE, Butte County, Calif.
 Remodel bank building (new counters, marble work, air conditioning system, etc.)
 Owner—First National Bank of Oroville.
 Architect — Harry J. Devine, Cronan Bldg., Sacramento.
 Contractor—Taber & Higgins, P. O. Box 708, Oroville.

Plans Completed STORE BLDG. Cost, \$
 SACRAMENTO, Sacramento Co., Cal.
 One-story frame and brick veneer store building.
 Owner—Mr. Paulus, c/o Architect.
 Architect — Herbert Goodpastor, Mission Bldg., Sacramento.
 General bids will be asked shortly.

Planned OFFICE BLDG. Cost, \$1,000,000
 SAN FRANCISCO. NW Cor. Harrison and Eighth Streets.
 Eight-story building to house central offices, supply services and light manufacturing.
 Owner—General Electric Co., Russ Building.
 Plans by Engr. Dept. of Owner.
 Construction is expected to start almost immediately.

Preliminary Plans Prepared ALTERATIONS Est. Cost, \$20,000
 VALLEJO, Solano Co., Calif.
 General alterations to present bank building.
 Owner—Mechanics & Merchants National Bank of Vallejo.
 Architect—H. H. Winner, Wordsworth Ave., Ross.

Preparing Working Drawings OFFICE BUILDING Cost, \$.....
 BERKELEY, Alameda Co., Cal. Austin Way.
 One-story reinforced concrete and brick office building (44x100 ft.), steel sash, linoleum floors, air conditioning, heating and ventilating plant.
 Owner—California Farm Bureau.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contract Awarded STORE BLDG. Est. Cost, \$8,000
 SACRAMENTO, Cal. Auburn Blvd.
 Store building to contain coffee shop, office and living quarters for Motel Auto Court.
 Owner—Chas. McGowan.
 Architect—Frederick S. Harrison, 824 J St., Sacramento.

Plans Being Figured—Bids Close April 25, 2 P. M.
 STORE BLDG. Cost, \$.....
 FRESNO, Calif. Fulton and Kern Streets.
 One-story and basement store bldg.; wood construction, steel columns, concrete floors.
 Owner—F. W. Woolworth Co., Financial Center Building.
 Plans by Engr. Dept. of Owner.
 Bids will be opened in the San Francisco office of the Owner.

17—THEATRES

PLANS COMPLETED COLTON, San Bernardino Co., Cal.—Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, has completed plans and will start taking bids this week for a new Class C motion picture theater to seat 900, to be built at 250 East 1 St., Colton, for L. C. Myers, manager of the Colton Theater. Est. cost, \$65,000. 17

Low Bidder THEATER Cost, \$.....
 EUREKA, Humboldt Co., Cal. Sixth St. between E and F Streets.
 Three-story reinforced concrete theatre and story bldg.
 Owner—Redwood Theatres, Inc. (Geo. M. Mann, Pres.), 988 Market St., San Francisco.
 Mgr. of Const.—William B. David.
 Low Bidder—Moore & Roberts, 693 Mission St., San Francisco, \$124,980.

CONTRACT AWARDED

LOS ANGELES, Cal.—A. V. Perkinson, 1149 N. Las Palmas Avenue, awarded contract for construction of a new theater building, 100x150 ft. in area, on the southwest corner of Ventura Blvd. and Cedros Avenue, Sherman Oaks, for Fox West Coast Theaters. Cost, \$60,000. S. Charles Lee, architect, 1648 Wilshire Blvd., Los Angeles. 17

Sub-Contracts Awarded THEATRE AND STORE Cost, \$.....
 SACRAMENTO, Sacramento Co., Cal.
 Theater and store building.
 Owner—Tower Theater and Realty Corp., 25 Taylor St., San Francisco.
 Architect—Robt. C. Younger, 25 Taylor St., San Francisco.
 Contractor—William C. Keating, 1121 24th St., Sacramento.
 Roofing—Fred A. Clark, Route No. 1, Box 1388.
 Plumbing—Willy & Rhoads, 3653 "J" Street.
 Iron Grille Work—The Palm Iron & Bridge Works, P. O. Box 746.
 Grading—J. R. Reeves, P. O. Box 1072.
 Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
 Mill Work—Sierra Mill and Lumber Co., P. O. Box 28.
 All of Sacramento unless otherwise noted.

19—MISC. CONSTRUCTION

BIDS WANTED SAN FRANCISCO.—Until April 22, P. M. bids will be received by the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-127 for constructing and delivering afloat one 44-ft. by 22-ft. by 4-ft. 6-in. welded steel drill barge at the San Francisco waterfront.
 Plans and specifications may be obtained from the above office. 19

LOW BIDDERS

QUINAULT, Grays Harbor County, Wash.—NePage-McKenny, Portland, Ore. at \$25,707 (1) and Bennett and Taylor, Los Angeles, at \$33,267 (2), submitted low bids to the Quinault Light Co., Fred H. Nichols, Secretary, Quinault, for the construction of (1) rural electric distribution system, and (2) hydro-electric generating plant, Project 23, Grays Harbor.
 Bennett & Taylor, Los Angeles, at \$25,717 (1), and Soule and Walters, Manette, Wash., at \$37,156 (2), submitted second low bid. 19

CONTRACT AWARDED

SACRAMENTO, Cal.—Underground Constr. Co., 6 Alvarado Road, Berkeley, at \$1886, submitted low bid and was awarded contract by the Signal Office, Ninth Corps Area, Col. O. S. Albright, Presidio, San Francisco, under Bid No. CP-1084-SC-38-18, for the installation of a 25 pair 19 gauge subterranean cable in the vicinity of the Air Depot, Sacramento.
 Total bids follow:
 Underground Constr. Co., 6 Alvarado Road, Berkeley—\$1886.
 R. J. Brant, Menlo Park—\$2624.
 Union Paving Co., S. F.—\$3116.

BIDS WANTED

SACRAMENTO, Cal.—Until April 30, 10:30 a.m., bids will be received by the Signal Office, Ninth Corps Area, Presidio, San Francisco, under Bid No. CP-1084-SC-38-19, for installing lateral subterranean cables at the Sacramento Air Depot, California.
 Plans and specifications may be obtained from the above office. * 19

BIDS WANTED

MARYSVILLE, Yuba Co., Calif.—Until April 24, 8 P. M., bids will be received by the City of Marysville, Chester O. Gates, County Clerk, for constructing a municipal baseball park and grandstand at Lafayette Square in Marysville.

Plans and specifications may be obtained from the office of the clerk upon deposit of \$5.00.

Bids must be accompanied by a certified check for 10% of the amount of bid.

20— MISC. SUPPLIES AND MATERIALS**BIDS WANTED**

LOS ANGELES, Cal.—Until May 3, 2 P. M., bids will be received by Los Angeles Water and Power Purchasing Agent for disconnect switches; Spec. No. 2592. Bids will be taken as follows:

- (1) 150 only disconnect switches, 400 amp., single pole, single throw, 7500-volt, indoor, with blade for insulators mounted 7-in. center to center;
- (2) 6 only disconnect switches, 600 amp., single-pole, double throw, double blade, 37,000 volt, indoor transfer selectors, front connected clips and back connected hinge;
- (3) 24 only disconnect switches, 600 amp., single-pole, double throw, double blade, 37,000 volt, indoor transfer selectors, front connected clips and back connected hinge.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until April 26, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing 500 tons more or less of asphalt concrete mix, Type "B" and Type "C".

Plans and specifications may be obtained from the above office.

BIDS OPENED

LOS ANGELES, Cal.—Bids for 8,465,000 lbs. of steel reinf. bars delivered to Vernon, West Glendale, Compton, and Industrial and/or job contractor's plant. Inv. 419, opened by U. S. Engineer, Los Angeles, follow:

Bethlehem Steel Co., San Francisco ½ of 1% 10 days on basing point value; \$177,421.03; shipped from Vernon to jobsite.

Soule Steel Co., ½ of 1% 20 days on basing price of \$2.60 cwt.; \$230,329.42. If shipped from Torrance, Vernon and Emeryville on government bill of lading allow freight rate and equalize (not to exceed \$3.00 cwt.).

Columbia Steel Co., San Francisco: ½ of 1% on basing point value of \$2,425 cwt.; \$212,494.25; if shipped on government bill of lading from Torrance allow \$4.05 cwt.

Blue Diamond Corp.: ½ of 1% 20 days; \$234,561.92; if shipped on government bill of lading from Bethlehem or Columbia plants allow \$25 cwt.

Consolidated Steel Corp.; net; \$247,406.50.

Ceco Steel Products: ½ of 1% 20 days; \$229,002.50 job plant, Los Angeles and Torrance.

Truscon Steel Co.: ½ of 1% 10 da.; \$226,462.43, delivered.

Sheffield Steel Corp., Kansas City, Mo.: ½ of 1% 10 days on \$2.70 cwt. basing point value; (3a) \$2,725 delivered, allow \$.99 cwt. for shipment on government bill of lading from Kansas City.

LaCade Steel Co., St. Louis, Mo., ½ of 1% 20 days, \$237,889.26; shipped from Madison, Ill. Telegraphic modification: Add \$,0015 lb. to all unit prices. * 20

CONTRACT AWARDED

SAN BERNARDINO, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$2.24 per ton, were awarded contract by the State Purchasing Agent, Sacramento, for furnishing 8000 tons premix for use on state highways in San Bernardino County; Quo. No. 53330. Other bids were:

George Herz & Co., \$2.43 per ton, 2% 10 days.

E. L. Yeager, \$2.91 ton; 1% 10 da. Pacific Rock & Gravel Co., \$35,945 total bid; 20c ton 20th.

Asphalt Paving Materials Co., \$25,895 total; net. * 20

BIDS OPENED

PIMA COUNTY, Ariz.—Bids were received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 240 tons of Type SC-2 liquid asphalt road material for use on the Tucson-Ajo Federal Lands Highway, Route 5, Section A, Papajo Indian Reservation, Pima Co., Ariz.

Bids were: Telegraph Refinery Corp., \$4.90 per ton, total, \$175; fob Eltman.

Standard Oil Co. of Calif., \$5.00; total, \$1200; fob El Segundo.

Gilmore Oil Co., \$5.00; total, \$1200; fob Los Angeles.

The Petrol Corp., \$5.00; total, \$1200; fob Los Angeles.

Shell Oil Co., \$5.00; total, \$1200; fob Los Angeles.

Union Oil Co. of Calif., \$5.00 per ton; total \$1200; fob Wilmington.

General Petroleum Corp. of Calif., \$6.00; total, \$1440; fob El Segundo.

Richfield Oil Co., \$6.50; fob Bakersfield; \$5.00 per ton fob Watsonville.

Tide Water Associated Oil Co. \$6.50 per ton fob Bakersfield; \$5.00 fob Los Angeles. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for (1) 2000 gals. vehicle for aluminum paint

(2) 3700 lbs. aluminum powder pigment, (3) 50 gals. paint thinner delivered to Tamarind and Poplar Sts., Compton, and Brazil and Exchange Sts., Los Angeles, within 10 days.

Circ. Prop. 416, opened by U. S. Engineer, Los Angeles, were:

W. P. Fuller & Co., 1% 30 days; \$3726.50.

Carter Hdwe Co., 2% 30 days; \$4,326.50.

General Paint Corp., net; \$3804.50.

DeGregory Paint Co., 2% 10 days; \$2972.50.

Sillers Paint & Varnish Co., 2% 30 days; \$4765; Alt. bid, \$4543.

Superior Paint & Lacquer Works, 1% 10 days; \$3025.50.

India Paint & Lacquer Co., 2% 30 days; \$3770.

J. E. Bauer Co., 1% 30 days; \$3346.

Paraffine Cos., Inc., San Francisco 1% 10 days; \$3417.

National Lead Co., 1% 30 days; \$3946.50.

Arrow Paint Products Co., Bell, net; \$3688.

Sherwin-Williams Co. of Calif., 1% 10 days; 3391. Alt. bids: (1) \$1680 (3) \$9; (2) with item 1, \$1924 or \$1,702; (2) without No. 1, \$1998 or 1,813. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Azusa Rock & Sand, Pacific Rock & Gravel, and Owl Truck & Materials Co., at \$18,170, bidding jointly, awarded contract by U. S. Engineer, Los Angeles, for furnishing and delivering 5500 cu. yds. coarse aggregate and 6000 cu. yds. sand; Circ. Prop. 399. * 20

CONTRACT AWARDED

DENVER, Colo.—Sheffield Steel Corp., Kansas City, Mo., at \$11,668.51 (Sch. 1), submitted low bid and was

awarded contract by the Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. 48,115-A, for furnishing deformed hard grade billet steel or hard grade rail steel reinforcing bars for concrete; and deformed intermediate grade billet steel reinforcing bars; f.o.b. Corbett, Wyo. * 20

BIDS OPENED

OAKLAND, Cal.—Bids were received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 995, for furnishing 352,000 gals. gasoline and 40,000 gals. kerosene.

Bids were: Shell Oil Co. \$48,776.40
Signal Oil Co. \$48,776.40
Union Oil Co. \$48,776.40
Richfield Oil Co. \$48,776.40
Rio Grande Oil, Inc. \$48,776.40
Tide Water Assoc. Oil Co. \$48,776.40
Standard Oil Co. \$48,776.40
General Petroleum Corp. \$49,108.40
The Texas Co. \$51,185.20
Seaside Oil Co., at \$46,314, and Petrol Co., at \$48,740, submitted bids, omitting Item 4. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Peerless Welding Co., 265 10th St., San Francisco, at \$3,846 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-212, for the electric welding of field joints in 24-, 25- and 36-in. diameters, steel pipe lines, total approximately 16,500 feet long. * 20

CONTRACT AWARDED

SAN FRANCISCO—Geo. T. Gerhardt Co., Ltd., 1129 Heward St., at \$718, 2% 10 days, awarded contract by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1951, for furnishing 70 galv. iron garbage cans for the social department. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Ducommun Metals and Supply Co., at \$17,303.50 was awarded contract by the Los Angeles Water & Power Commission for copper service tubing; Spec. 2578. * 20

LOW BIDDERS

SAN BERNARDINO, Calif.—Low bids for rental of power shovels and trucks opened by the State Highway Department, San Bernardino, were:

2-cy. Power Shovels with 5-cy. Trucks

A. S. Vinnell, Alhambra: (1) \$9.50; (2) no bid; (3) \$250; (4) \$2.85 (5) \$2.35; (6) and (7) no bids.

J. R. McKnight, Los Angeles: (1) \$19.00; (2) \$7; (3) \$280; (4) \$2.85; (5) \$2.35; (6) \$1.35.

2-cy. Power Shovel Without Trucks
H. C. Cole, San Diego: (1) \$9; (2) \$2.30; (3) \$100.

1½-cy. Power Shovel With 5-cy. Trucks

O'Neal & Smith, North Long Beach (1) \$6.90; (4) \$2.85; (5) \$2.35.

1¼-cy. Power Shovels with 5-cy. Trucks

C. G. Willis & Sons, Los Angeles: (1) \$5.50; (2) \$1.50; (3) no charge; (4) \$2.85; (5) \$2.35; (6) \$1.35; (7) no charge.

Triangle Rock & Gravel Co., San Bernardino: (1) \$5.90; (2) and (3) no charge; (4) \$2.85; (5) \$2.35; (6) \$0.60; (7) no charge.

C. G. Willis & Sons, Los Angeles: (1) \$6.25; (2) \$1.50; (3) \$100; (4) \$2.85; (5) \$2.35; (6) \$1.35; (7) \$10.

¾-cy. Shovels and 4-cy. Trucks
A. C. Bussey, Riverside: (1) \$4.70; (2) and (3) no charge; (4) \$2.60; (5)

\$2.10; (6) and (7) no charge.
 San Geronimo Rock Products, Banning: (1) \$5.10; (2) \$0.50; (3) \$50; (4) \$2.00.
 Fourth St. Rock Crusher, San Bernardino: (1) \$5.40; (2) \$1.25; (3) no charge; (4) \$2.60; (5) \$2.10; (6) and (7) no charge.

1/2-c.y. Power Shovels and 3-c.y. Trucks
 Miller Bros., Hemet: (1) \$2.50; (4) \$2.18; (5) \$1.78.
 Geo. Butler, San Bernardino: (1) \$2.85; (2) \$1; (3) \$1; (4) \$2.18; (5) \$1.78; (6) \$1 (7) \$1.
 A. C. Bussey, Riverside: (1) \$2.99; (2) and (3) no charge; (4) \$2.18; (5) \$1.78; (6) no charge (7) no charge.
 Geo. Butler, San Bernardino: (1) \$3.00; (2) \$1.00; (4) \$2.18; (5) \$1.78.

CONTRACT AWARDED
SAN FRANCISCO—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts., San Francisco, at \$966.76, 2% 10 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-35-116, for furnishing millwork for Mess and Recreation Building; f.o.b. U. S. Engineer Storehouse, San Francisco.

Total bids follow:
 J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts., San Francisco—\$966.76, 2% 10 days.
 Pacific Mfg. Co., San Francisco—\$174; net.
 W. G. Brobeck, San Francisco—\$191.65; 2% 30 days.
 Loop Lumber Co., San Francisco—\$1260.19; 2% 30 days. * 20

CONTRACT AWARDED
LOS ANGELES, Cal.—Geo. E. Miller, Portland, at \$4,873.53, awarded contract by the U. S. Engineer Office, Los Angeles, under Circ. Prop. No. 409, for 272,878 bd. ft. of Douglas fir lumber; f.o.b. Everett. * 20

CONTRACT AWARDED
OAKLAND, Cal.—Joe Catucci, 1212 18th St., Oakland, at \$0.67 per ton, was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 4000 tons of base aggregates. * 20

BIDS WANTED
LOS ANGELES, Cal.—Until April 20, 12 M., bids will be received by L. — County Purchasing Agent for mild steel bars, steel plates, hot rolled sheets, galv. sheets, galv. corr. sheets, cold finished bars, for three months beginning May 1 and ending July 1, 1938. Quot. 6892. * 20

CONTRACT AWARDED
OAKLAND, Cal.—Graybar Electric Co., 222 Ninth St., Oakland, at (1) \$5559.54, (2) \$1178.20, (3) \$1824, was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing cable, as follows:
 (1) 16,142 ft. 14 conductor cable;
 (2) 8,600 ft. 16 conductor cable;
 (3) 24,000 ft. 6 conductor cable. * 20

CONTRACT AWARDED
LOS ANGELES, Cal.—Calif. Portland Cement Co., 601 W. 5th St., at \$100,000, awarded contract by U. S. Engineer, Los Angeles, for 50,000 bbls. portland cement; Circ. Prop. 383. * 20

April 12, 1938.
CONTRACT AWARDED
GOVERNMENT ISLAND, Calif.—Judson-Pacific Co., 609 Mission St., San Francisco, at \$1494, net, f.o.b. San Francisco, was awarded contract by the Forest Service Supply

Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5550, for 140 feet continuous girder span, including all structural steel, bolts for field connections, bolts for superstructure, and all miscellaneous steel portions necessary for the erection of the South Fork Salmon River Bridge No. 2, Yreka, Cal. * 20

BIDS OPENED
LOS ANGELES, Calif.—Bids for (1) 8100 cwt steel sheet piling (1500 pcs 15 ft long), and (2) 18,525 cwt (3475 pcs 15 ft long), and 18,216 cwt (2530 pcs 20 ft long), Invt 422, opened by U S Engr, Los Angeles, April 8, were:
 Inlaid Steel Co.—(1) and (2) \$3.90 cwt f.o.b. job; allow full freight from Indiana Harbor, Ind., if shipped on govt bill of lading. Telegraphic Bid.
 Columbia Steel Co.—(1) and (2) \$3.90 cwt; total, \$176,049.80, delivered; disc 1/2 of 1% to da on \$2.80 cwt; if shipped from South Chicago, Ill, on govt bill of lading allow \$1.10 cwt and equalize.
 Bethlehem Steel Co.—(1) and (2) \$3.90 cwt, delivered; disc 1/2 of 1% 30 days on \$2.80 cwt; if shipped on govt bill of lading from Buffalo, N. Y., allow \$1.27 cwt and equalize. * 20

BIDS OPENED
KENDRICK PROJ., Wyo.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1053-D, for furnishing and delivering approximately 30,000 bbls. of sulfate-resisting portland cement for the Casper Canal, Kendrick Project, Wyo.; f.o.b. shipping point and/or Casper, Wyo.
 Bids were:
 U. S. Portland Cement Co., Denver, Colo.—\$2.25, 10c bbl. discount, 15 da; f.o.b. Boettcher, Colo.
 Colo. Portland Cement Co., Denver—\$2.25, 10c bbl. discount, 15 days; f.o.b. Boettcher, Colo.
 Monolith Portland Midwest Co., Denver—\$2.44, 10c bbl. discount, 15 days; f.o.b. Laramie, Wyo. * 20

BIDS OPENED
SALT RIVER PROJECT, Ariz.—Bids were received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 1050-D, for furnishing and delivering stairways and walkways for installation in the Bartlett Dam, Salt River Project, Arizona; f.o.b. shipping point and/or Phoenix. Materials will be installed by the Government.
 Bids were:
 John W. Beam, Denver, Colo.—\$6-325, wt. 76,000; 2 1/2%; f.o.b. Peotone, Ill.
 Vulcan Rail & Constr. Co., Maspet, N. Y.—\$9,146, wt. 90,000; net; f.o.b. Phoenix, Ariz.
 Reliance Steel Products Co., McKeesport, Pa.—\$6,120, wt. 74,500; 1%; f.o.b. McKeesport.
 Denver Steel & Iron Works, Denver, Colo.—\$7,746, wt. 68,000; f.o.b. Denver; wt. 17,000; f.o.b. Long Island City, N. Y.; 1/2%.
 American Bridge Co., Denver, Colo.—\$6,704; wt. 50,350; net; f.o.b. Gary, Ind.
 St. Louis Structural Steel Co., E. St. Louis, Ill.—\$6,199, wt. 50,800; fob E. St. Louis; wt. 20,250, f.o.b. Chicago; wt. 10,757, f.o.b. St. Louis; 1/2%.
 A. J. Bayer Co., Los Angeles, Cal.—\$9,220, wt. 64,000; net; f.o.b. Los Angeles.

General Bridge Corp., Chicago, Ill.—\$7,834, wt. 56,500, f.o.b. Chicago; wt. 16,000, f.o.b. Pittsburgh, Pa.; and Midwest Steel & Iron Works Co., Denver, Colo.—\$6,567, wt. 62,400, f.o.b. Phoenix; wt. 20,100, f.o.b. Chicago;

\$6,426, wt. 82,500, f.o.b. Denver and Chicago; 1/2%.
 Consolidated Steel Corp., Ltd., Los Angeles—\$7,813, wt. 24,250, fob Phoenix; wt. 44,471 and 11,313 f.o.b. Los Angeles; net.
 Lakeside Bridge & Steel Co., Milwaukee, Wis.—\$7,800, wt. 74,700; net; f.o.b. Phoenix.
 Allison Steel Mfg. Co., Phoenix—\$7,505, wt. 84,732; net; f.o.b. Phoenix.
 Omaha Steel Works, Omaha, Neb.—\$6,597, wt. 61,000, f.o.b. Omaha; wt. 22,700, f.o.b. Kansas City, Mo.; net.
 Johnson City Foundry & Machine Co., Johnson City, Tenn.—\$6,600, wt. 58,500, f.o.b. Johnson City; wt. 22,250, f.o.b. Chicago; net.
 Spuck Iron & Foundry Co., St. Louis, Mo.—\$6,330, wt. 71,000; net; f.o.b. St. Louis.
 Independent Iron Works, Oakland, Cal.—\$9,291, wt. 97,480; 1%; f.o.b. Oakland.
 Calif. Steel Products Co., San Francisco—\$7,565, wt. 36,000; f.o.b. Phoenix; wt. 60,400, f.o.b. San Francisco; net.
 Arthur J. O'Leary & Son Co., Chicago—\$6,398, wt. 50,000; 1/2%; f.o.b. Chicago.
 Worden-Allen Co.—\$6,670, wt. 77,000; 1/2%; f.o.b. Milwaukee, Wis.
 Apex-Steel Corp., Ltd., Los Angeles—\$7,095.77, wt. 87,000; 1/2%; f.o.b. Los Angeles.
 Crown Iron Works Co., Minneapolis, Minn.—\$8,655, wt. 73,070; net; fob Phoenix.
 Berkeley Steel Constr. Co., Inc., Berkeley, Cal.—\$8,830, wt. 68,000; fob Berkeley; wt. 29,000, f.o.b. Phoenix; 1/2%.
 Superior Iron & Wire Works, Pittsburgh, Pa.—\$6,890, wt. 78,000; 1%; f.o.b. Pittsburgh.
 Asso. Piping & Engrg. Co., Ltd., Los Angeles—\$9,050, wt. 87,078; 1%; f.o.b. Los Angeles.
 South Gate Iron Works, Inc., Huntington Park, Cal.—\$7,280, wt. 84,000; 1%; f.o.b. Phoenix, Ariz. * 20

SAN FRANCISCO CO. PERMITS
SIGN, electric, \$150; 853 Valencia; owner, Lake and Larry, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.
FLUE, \$10; N. Greenwich, 162 E of Pierce St.; owner, E. A. Janssen, 1138 Clement St.; contractor, Modern Sheet Metal Works, 4435 Geary St.
ALTER dwelling, \$350; 2735 Franklin St.; owner, L. Mazzoni, 2367 Greenwich St.; contractor, Fracchia & Truffelli, 1165 Clay St.
SIGN, electric, \$250; 5178 Mission St.; owner, C. A. Smith, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, \$40; SE 15th and Taraval; owner, Tide Water Associated Oil Co., Prem.; contractor, GRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, \$400; 3913 24th St.; owner, Florence Mark, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$210; 1059 Market St.; owner, Clinton's Cafeteria, Prem.; contractor, GRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER flats, \$50; NW Page and Baker Sts.; owner, Mrs. Goldstein, Prem.
DIY BOARD, \$7; SE Stockton and Washington; owner, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, \$200; 3282 Mission St.; owner, Fergosin, Premises; contractor, Wonderlite Neon Products Co., 170 Otis St.
FLUE, \$10; N. Greenwich, 137 E of Pierce St.; owner, E. A. Janssen, 1138 Clement St.; contractor,

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

BRIDGES

BIDS WANTED

HUMBOLDT CO., Cal.—Until May 2 p.m., bids will be received by the State Division of Highways, C. I. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading approaches and repairing existing bridge across Yager Creek at Carliotta, Humboldt Co., Cal.

Work involves:

- (1) 2 lot portions of existing bridge removed and disposed of;
- (2) 1 lot clear and grubbed;
- (3) 100 c.y. stripping;
- (4) 250 c.y. struc. excav.;
- (5) 1,100 c.y. import borrow;
- (6) 7 sta. finish roadway;
- (7) 32,000 lbs. bar reinf. steel;
- (8) 45 c.y. class A portland cement concrete footing bents;
- (9) 245 c.y. class A portland cement concrete structures;
- (10) 68,500 lbs. struc. steel;
- (11) 570 lbs. cast steel rockers;
- (12) 2,150 lbs. misc. iron and steel;
- (13) 806 Lf. timber rail;
- (14) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

BIDS OPENED

LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, at \$21,300, submitted low bid to Los Angeles County Supervisors, for construction of wood and steel Howe truss bridge on Bouquet Canyon Rd. over Santa Clara River; Cash Contract OB 543. Bridge will consist of four 15-ft. spans with 24-ft. roadway.

Other bids were:

C. F. Robbins	\$21,900
E. S. & N. S. Johnson	21,904
R. H. Travers	22,000
E. G. Perham	22,100
J. E. Burrell & Son	22,600
Byerts & Dunn	22,675
J. S. Metzger & Son	26,700
W. E. Robertson	22,999.99
Werner & Webb	24,465
Shannahan Bros.	28,000

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Oscar Oberg, 150 N. Vista St., Los Angeles, at \$165,732, awarded contract by the State Division of Highways, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near Hewitt Station and approaches, Los Angeles County. * 21

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Henry Padgett, Fields Landing, at \$5,347, submitted low bid and was awarded contract by the Humboldt Co. Board of Supervisors, Fred M. Kay, Clerk,

Court House, Eureka, for the construction of a reinforced concrete bridge across Price Creek in Road District 1, Humboldt Co.

- Total bids follow:
- Henry Padgett, Fields Landing—\$5,347.00.
 - Helwig Constr. Co., Sebastopol—\$5,635.00.
 - Mercer - Fraser Co., Eureka—\$6,177.50.
 - A. J. Anderson, Rio Dell—\$6,394.
 - Frank Bryant, San Francisco—\$6,742.00.
 - E. A. Borgana, Eureka—\$7,979.60.

22—DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

SAN FRANCISCO.—A. S. Dutra, 255 California St., San Francisco, at \$8360, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Contract No. 45, for dredging channel for levee at the San Francisco Airport. Work consists of dredging a channel along the line of the levee or levees to be constructed under another contract and other work of similar nature.

- Total bids follow:
- A. S. Dutra, 255 California St., San Francisco—\$0.1045 per c.y.; total, \$8,360.
 - Delta Dredging Co., Pittsburg—\$0.12 per c.y.; total, \$9600.
 - Healey-Tibbitts Constr. Co., San Francisco—\$0.124 per c.y.; total, \$9,920.

BIDS WANTED

SAN FRANCISCO.—Until April 22, 2 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Contract No. 44, for constructing earth and rock fill at the San Francisco Airport.

- Work involves:
- (1) 520,000 c.y. earth and rock fill;
 - (2) 420,000 c.y. hand labor for road work, etc.;
 - (3) 479,000 c.y. purchasing quarry material.

City has set price of \$0.0287 per cu. yd. on Item 3, making total of \$13,771.25.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$10. * 22

24—STREET LIGHTING

BIDS WANTED

LOS ANGELES, Cal.—Until April 27, 10 a.m., bids will be received by Los Angeles Board of Public Works

for installation of ornamental lighting systems in the following streets:

1. Barnham Blvd., between 100 ft. south of Olive Ave. and Cahuenga Blvd.
2. North Hollywood Park lighting district.
3. Castelar St., between Figueroa St. and Sunset Blvd.
4. Hollenbeck Park Lighting Dist.
5. Crenshaw Blvd., between Exposition Blvd. and 60th St.

Specifications will be available from W. E. Lauer, city street lighting engineer, after April 8th. * 24

BIDS WANTED

- LOS ANGELES, Calif.**—Until 10 A. M., April 27, bids will be received by Los Angeles Board of Public Works for installation of orn lighting systems in the following streets:
1. Barnham Blvd. betw. 100 ft. S. of Olive Ave and Cahuenga Blvd, Invol 50 one light Marbelite standards.
 2. North Hollywood Park lighting district, invol 45 one light Marbelite standards.
 3. Castelar St., betw. Figueroa St. and Sunset Blvd., invol 53 one light Marbelite standards.
 4. Hollenbeck Park Lighting dist, invol 36 one light Marbelite standards.
 5. Crenshaw Blvd, betw. Exposition Blvd and 60th St, invol 31 two light and 23 one light Marbelite standards.
- Spec available from W. E. Lauer, city street lighting engineer. * 24

25—MACHINERY AND EQUIPMENT

BID OPENED

LOS ANGELES, Cal.—Foster Sand & Gravel Co., Fullerton, submitted the only bid to the State Highway Department, Los Angeles, for the rental of truck and trailer equipment for transporting heavy equipment in Orange County. The bid was: (1) \$3.75, \$2.00; (2) \$4.50, \$2.00; (3) \$5.50 and \$4.00; (4) \$7.00, \$4.00; (5) no bid. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one, two or three crawler types cranes for 1500 hours each, Invt. 431, opened by the U. S. Engineer, Los Angeles, were:

- United Concrete Pipe Corp., 3% 20 days; \$6.75 hr., \$10.125; two, \$7.50 hr., \$11.350; three, \$8.50 hour, \$12.750. (Northwest 106, Lima 70), Lima 1001) under contract to government.
- M. P. McCaffrey, 1% 33 days, one, \$5.60 hour, \$8400 (Kochring 701) now under contract to government.
- Ralph O. Dixon, 2% 20 days, one, \$6.75 hour, \$10,125 (Lorane 871).
- Western Steel Erecting Co., 2% 10 days, one, \$5.95 hour, \$8925 (Industrial Brown Hoist).
- E. W. Kuhn, 1/2 of 1% 10 days, 3, \$6400 hour, \$29,250 (all or none basis) (Baucyrus 43, Marion 38, Northwest 80-D, 55, 70).
- W. C. Cole, San Diego, one, \$6.40 hour, \$9600 (Northwest 85).
- Arthur J. Callahan, 2% 10 days, one \$5.50 hour, \$8250 (Link-Belt K-48).
- Wm. R. Shriver, Glendale, 1/2 of 1% 10 days, one \$6.75 hour, \$10,125 (Marion 381).
- Gunther & Shirley Co., one, \$6,9166 hour, \$10,374.90 (Lima 602), \$9 hour for 1st 8 hours, \$7 hour for 2nd 8

Capital City Title Company

•

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

hours; \$4.75 hour for 3rd 8 hours.
Triangle Rock & Gravel Co., one,
\$7 hour (Lima 602). 25

BIDS WANTED

SAN BERNARDINO, Cal. — Until April 18, 2 p.m., bids will be received by State Highway Dept., San Bernardino, for rental of power shovels and dump trucks for use in San Bernardino and Riverside Counties.

The items are:

- ¾-C.Y. POWER SHOVEL, with from 2 to 4 four-cu. ft. dump trucks:
 - (1) operating rate per hour for ¾-c.y. shovel, incl operator;
 - (2) stand-by rental rate per hour for shovel;
 - (3) transportation of shovel to and from San Bernardino (flat price, round trip);
 - (4) operating rate per hour per truck under power loading;
 - (5) operating rate per hour per truck under hand loading;
 - (6) stand-by rental per hour per truck;
- (7) transportation for each truck to and from San Bernardino (flat price, round trip).
- ½-C.Y. SHOVEL, with from two to four 3-cu. ft. dump trucks:
 - (1) operating rate per hour for ½-c.y. shovel, incl operator;
 - (2) stand-by rental rate per hour for shovel;
 - (3) transportation of shovel to and from San Bernardino;
 - (4) operating rental rate per hour per truck under power loading;
 - (5) operating rental rate per hour per truck under hand loading;
 - (6) stand-by rental rate per hour per truck;
 - (7) transportation for each truck to and from San Bernardino.

Bids will not be accepted unless made on blank form furnished by District Engineer, State Highway Dept., San Bernardino. * 25

BIDS OPENED

MARIN and Sonoma Cos., Cal.—T. O'Brien, San Francisco, at \$3.90 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of one not less than 45-h.p. tractor equipped with 9-ft. bulldozer, adjustable as an angledozer for 400 hours' use in Marin and Sonoma counties.

Total bids follow:	per hr.
T. O'Brien, S. F.	\$3.90
Moore Equipment Co., Stockton	4.65
A. D. Robinson, Healdsburg	4.75
Guerin Bros., San Francisco	5.00
O. V. Freeman, Palo Alto	5.00
A. Soda & Son, Oakland	6.00
W. E. Karstedt, San Jose	6.00

BIDS OPENED

SAN FRANCISCO and Santa Clara Cos., Cal.—L. C. Karstedt, 16 Wall St., Watsonville, at \$4.50 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental of one RD1 type Diesel caterpillar tractor, wide gauge at least 60 inches; five roller-type track frame; tracks must be 5-ft. 11½-inch ground contact and tracks equipped with 20-inch shoes. Tractor to be equipped with 7½-ft. bulldozer powered by cable type winch for 500 hours' use in Santa Cruz and Santa Clara Counties.

Total bids follow:	per hr.
L. C. Karstedt, 16 Wall Street, Watsonville	\$4.50
H. A. Mineo, Woodside	4.90
Guerin Bros., San Francisco	5.25
A. D. Robinson, Healdsburg	5.50
A. V. Freeman, Palo Alto	6.25

BIDS OPENED

MARIN and Sonoma Cos., Cal.—O. V. Freeman, 105 Churchill, Palo Alto at \$3.95 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of one not less than 45-h.p. tractor equipped with bulldozer and street plates, for 300 hours' use in Marin and Sonoma counties.

Total bids follow:	per hr.
O. V. Freeman, 105 Churchill, Palo Alto	\$3.95
A. Soda & Son, Oakland	4.31
Moore Equip. Co., Stockton	4.45
Eaton & Smith, San Francisco	4.75
T. O'Brien, San Francisco	4.75
A. Green, Oakland	4.95
Spaletta & Siri, Santa Rosa	5.00
A. D. Robinson, Healdsburg	5.00
Guerin Bros., San Francisco	5.50

BIDS OPENED

SAN FRANCISCO.—Bids were received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-118, for furnishing and delivering one not less than 60-h.p. Diesel oil engine drive, crawler type tractor, equipped with bulldozer and hauling scraper, complete and ready for use; fob dock, San Francisco waterfront.

Bids were:
Caterpillar Tractor Co., Peoria, 56-965.89; boxing, etc., \$206.15; disc. \$50 30 days.
Edward R. Bacon Co., San Francisco, \$9,376.63; boxing, etc., \$185; net.

BIDS WANTED

OAKLAND, Calif.—Until April 26, 2 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for three tilting drum type concrete mixers, 5 cubic foot.

Plans and specifications may be obtained from the above office. * 25

BID OPENED

SAN FRANCISCO.—Peterson Tractor & Equipment Co., 470 Bay Shore Blvd., San Francisco, at \$50 per mo., submitted only bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-38-117, for the hire of one cultivator for eight weeks; f.o.b. Fort Funston, San Francisco. * 25

BIDS WANTED

OAKLAND, Cal. Until May 4, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 999, for the sale of the following equipment:

- (1) Three Allis-Chalmers steam driven pumping units, w. 360 tons;
- (2) One Prescott and one Platt Iron Works steam driven pumping unit, weight 108 tons.

Plans and specifications may be obtained from the above office. A \$500 deposit will be required. * 25

BIDS WANTED

TRUCKEE STORAGE PROJECT.—Until April 25, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1057-D for furnishing and delivering two 4x4-ft. high-pressure gate assemblies for installation in the gate chamber of the outlet works at the Boca Dam, Truckee Storage Project, Nev.-Calif.; fob shipping point and/or Boca, Cal. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

STANISLAUS, San Joaquin & Solano Cos., Calif.—Bids were received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of pneumatic-tired power hoist, equipped and manned, and in the various sizes as follows:

- (1) one or more 2-c.y. water level dump trucks;
- (2) one or more 3-c.y. do;
- (3) one or more 4-c.y. do.

Equipment is to be used in Stanislaus, San Joaquin and Solano Cos. Bids were:
Paul Entremont, Colusa, (3) (a) \$3.11; (b) \$3.11; (c) \$3.11.
Portola Truck Service, San Francisco, (1) (a) \$1.96; (b) \$1.76; (c) \$1.86.

East Bay Const. Co., Ltd., Oakland, (1) (a) \$1.92; (b) \$1.73; (2) (a) \$2.52; (b) \$2.00. Alt.: (1) (a) \$1.96; (b) \$1.76; (c) \$1.86; (2) (a) \$2.71; (b) 2.31; (c) 2.51.

C. E. Huls, Merced: (1) (a) \$1.96; (b) \$1.76 (c) \$1.86 (2) (a) \$2.71 (b) \$2.31; (c) \$2.51; (3) (a) \$3.11; (b) \$2.61; (c) \$2.86.

C. W. Beaul, Millbrae: (3) (a) \$3.11; (b) \$2.61; (c) \$2.86.

A. C. Croll, Oakland: (1) (a) \$1.96; (b) \$1.76; (c) \$1.86.

Volpa Bros., Fresno: (3) (a) \$3.11 (b) \$2.61; (c) \$2.86.

J. Henry Harris, Berkeley, (1a) (a) \$2.71; (b) \$2.31; (c) \$2.71.

A. Soda & Son, Oakland, (1) (a) \$2.50; (b) \$2.25; (c) \$2.50.

Joe Cunha, Hayward, (1) (a) \$1.96; (b) \$1.76; (c) \$1.86; (2) (a) \$2.71; (b) \$2.31; (c) \$2.51.

W. E. Karstedt, San Jose, submitted an irregular bid. * 25

BIDS WANTED

KENDRICK PROJ., Wyo.—Until April 26, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1058-D, for furnishing and delivering one motor-driven, deep-well-type pumping unit; one motor-driven, centrifugal-type, booster pumping unit; one motor-driven gear-type oil-pumping unit with a capacity of not less than 75 gals. per minute; one motor-driven gear-type oil-pumping unit with 23 capacity of not less than 18 gals. per minute; one 4-inch automatic flanged-type water-jet eductor; one 1-inch automatic screwed-type water-jet eductor; and one 4-in. flanged-type water-jet eductor for installation in the Seminoe power plant, Kendrick Project, Wyo.; f.o.b. shipping point and/or Parco, Wyo.

Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one 21-cu. ft. air compressor with accessory equipment, for use anywhere in District VII, and on the Angeles Crest Highway, opened by the State Highway Department, Los Angeles, were:

BIDS OPENED

Western Machinery Co.—210 cu ft Ingersoll-Rand, 1937, \$440 month.
R. E. Campbell—\$550 per month.
Carlinghouse Bros.—210 cu ft Worthington, 1938, with hammers, etc., \$250 per month.
C. G. Willis & Sons—315 cu ft Ingersoll-Rand, 1936, \$270 per month.
Crook Co.—210 cu ft Sullivan, 1937, \$270 per month.

Kiss Crane Service—210 cu ft Sullivan Diesel, 1936, \$625 per month.

Dimmitt & Taylor—240 cu ft Le-Roi-Rix, 1937, \$445 per month.

Pneumatic Machinery Co.—210 cu ft Gardner-Denver, 1937, \$197 per month. * 25

BIDS OPENED

EUREKA, Humboldt Co. Cal.—Bids were received by the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, 546 W. Wabash St., Eureka, for the rental of two 3-yr. dump trucks for 500 hours each, for use in District 1.

Bids were: per hr.
A. Bin, San Francisco.....\$2.33
Dewar's Express, Eureka.....2.43
R. M. Taylor, Cottonwood.....2.43
Paul Entremont, Colusa.....2.43
Chas. W. Beguhl, Millbrae.....2.99

BIDS OPENED

EUREKA, Humboldt County, Calif.—John Burman & Sons, 2404 F St., Eureka—at \$6.50 per hour, submitted low bid to the Dept. of Public Works, Division of Highways, E. R. Green, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of one 95-hp. tractor with 10-foot angle bulldozer for 400 hours' use near Garberville.

Total bids follow:
John Burman & Sons, 2404 F St., Eureka—\$6.50 per hour
Harms Bros., Sacramento—\$7.95 per hour
W. E. Karstedt, San Jose—\$9.00 per hour. * 25

BIDS OPENED

SAN BERNARDINO, Cal.—Bids for the rental of track type Diesel or gas tractors with bull- or angle-dozer, together with tractor drivers for use in District VIII, San Bernardino and Riverside counties, were opened by State Highway Department, San Bernardino. Total number of tractors required are: three 75-hp., one 56-hp., and one 46-hp.

Items are:
75-HP. TRACTORS
(Year Models of 75-hp. tractors prior to the year 1937 will not be accepted.)

(1) one Diesel or gas powered track type tractor with angle or bulldozer including driver. Capacity: minimum of 75 drawbar hp.; operating rate;
(2) one Diesel or gas powered track type tractor with angle or bulldozer, including driver. Capacity: min. of 75 drawbar hp.; operating rate;

(3) one Diesel or gas powered track type tractor with angle or bulldozer including driver. Capacity: minimum of 75 drawbar hp.; operating rate;
(4) stand-by rental rate per hour for each 75-hp. tractor under Items 1, 2 and 3;

(5) transportation to and from San Bernardino for each of the 75-hp. tractors under Items 1, 2 and 3 (flat price; round trip).

46-HP. TRACTOR
(1) one Diesel or gas powered track type tractor with angle or bulldozer including driver. Capacity: minimum of 56 drawbar hp.; operating rate;
(2) stand-by rental rate per hour for one 56-hp. tractor;

(3) transportation to and from San Bernardino for one 56-hp. tractor (flat price; round trip).

46-HP. TRACTOR
(1) one gasoline or Diesel powered track type tractor of 46-hp. minimum drawbar capacity with angle or bulldozer, together with driver; operating rate;
(2) stand-by rental rate per hour for one 46-hp. tractor;

(3) transportation to and from San Bernardino for 46-hp. tractor, bulldozer, and driver (flat price; round trip).

The bids were:
C. L. Fleming—56 HP—(1) \$4.70,

(2) \$1.75, (3) \$85; 46 HP—(1) \$3.70, (2) \$1.50, (3) \$65.00.
Spicer & Thompson—75 HP—(1) \$6.15, (4) \$1.00, (5) \$100.

Dennie Inv. Co.—56 HP—(1) \$5.35, (2) \$1.00, (3) \$50.

Geo. J. Block—56 HP—(1) \$6.00, (2) \$4.00, (3) \$90.

E. L. Yeager—56 HP—(1) \$4.50, (2) \$1.00, (3) \$20.

H. B. McKinley—75 HP—(1) \$6.99, (2) \$6.99, (3) \$2.00, (4) none, (5) \$9.00; 56 HP—(1) \$5.50, (2) \$1.00, (3) \$55.

Cozzens & Hammond—irregular.
Triangle Rock & Gravel Co.—56 HP—(1) \$5.40, (2) no chg. (3) no chg.; 46 HP—(1) \$5.00, (2) \$1.00, (3) \$30.

Dean Fletcher—46 HP—(1) \$4.50, (2) \$1.00, (3) none.

Oilfields Trucking Co.—56 HP—(1) \$7.00, (2) \$3.00, (3) \$100; 46 HP—(1) \$5.00, (2) \$2.50, (3) \$50.

John Jurkovich—56 HP—(1) \$6.00, (3) \$3.00, (3) \$300.

Geo. Gardner & Son—46 HP—(1) \$4.75, (2) \$1.50, (3) \$100.

Martin Bros. Trucking Co.—56 hp —(1) \$5.50, (2) \$1.50, (3) \$75; 46 HP —(1) \$4.50, (2) \$1.00, (3) \$40.

G. G. Fisher Equip. Co.—75 HP—(1) \$6.74, (4) \$3.40, (5) \$2.15; 56 HP—(1) \$5.14, (2) \$2.75, (3) \$200; 46 HP—(1) \$4.34, (2) \$2.15, (3) \$180.

A. Soda & Son—46 HP—(1) \$4.24, (2) \$1.00, (3) \$150.

Silva & Hs.—75 HP—(1) \$6.00, (2) \$6.00, (3) \$6.75, (4) \$1.00 ea, (5) \$75; 56 HP—(1) \$6.00, (2) \$1.50, (3) \$85; 46 HP—(1) \$4.50, (2) \$1.00, (3) \$50.

Ben Hulise—56 HP—(1) \$5.40, (2) \$2.50, (3) \$35.

R. E. Hazard—56 HP—(1) \$3.48, (2) none, (3) \$50.

S. M. Milovich—56 HP—(1) \$4.75, (2) \$1.50, (3) \$50.

Pacific Crane & Rigging Co.—75 HP—(1) \$7.00, (2) \$8.00, (3) \$350 and \$4.00, (4) \$90; 56 HP—(1) \$6.00, (2) \$3.00, (3) \$75; 46 HP—(1) \$6.00, (2) \$3.00, (3) \$75.

Vido Kovacevich—75 HP—(1) \$7.40, (4) \$2.00, (5) \$100; 56 HP—(1) \$5.80, (2) \$1.00, (3) \$60.

Denni Inv. Co.—46 HP—(1) \$4.85, (2) \$1.00, (3) \$75.

Basich Bros.—56 HP—(1) \$5.95, (2) \$2.60, (3) \$60; 46 HP—(1) \$4.90, (2) \$2.00, (3) \$60.

Beebe & Bailey—irregular.
W. W. Cole—75 HP—(1) \$5.75, (2) \$5.75, (3) \$5.75, (4) \$1.00, (5) \$25.

C. F. Clements—irregular. * 25

BIDS OPENED

SANTA BARBARA and San Luis Obispo Cos., Calif.—Bids were received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of three 3½-cv. dump trucks for approximately 30 days' use in Santa Barbara and San Luis Obispo Cos.

Bids were received on: (1) rate per hour Santa Barbara County; (2) do San Luis Obispo County.

Bids were:
McReynolds Trucking Co., Oakland:

(1) \$2.60, (2) \$2.90.

Ralph C. Perl, Pasadena: (1) \$2.60; (2) \$2.90.

R. B. Snow, Santa Maria: (1) \$2.60 (2) \$2.90.

* L. A. Brisco, Arroyo Grande: (1) \$2.60; (2) \$2.90.

* S. E. Bonsangue, Los Angeles: (1) \$2.60; (2) \$2.90.

C. V. Clark, Jr., North Hollywood: (1) \$2.85; (2) \$2.90.

Charles W. Beguhl, Millbrae: (1) \$2.90; (2) \$2.90.

* Bid irregular. * 25

CONTRACTS AWARDED

GRAND COULEE DAM—The Bureau of Reclamation, Washington, D. C., under Spec. No. 777, awarded the following contracts for metalwork

for trashrack structures to strain the water passing through the outlet and penstock works at Grand Coulee Dam.

Bethlehem Steel Co., Bethlehem—(1) \$146,616 for 1140 racks for installation at the upstream ends of ten outlet pipes; (2) \$176,410 for 1188 racks for nine of the main penstocks and 252 racks for three station service penstocks.

John W. Beam, Denver—(3) \$19,750 for 630 rack guides for the outlet work system.

Messinger Valley Struc. Steel Co., Melrose Park, Ill.—(4) \$58,300 for 5000 bearing and tie plates for trash-rack structures. * 25

BIDS OPENED

SACRAMENTO, Cal.—Jenison Machinery Co., 900 Tennessee St., San Francisco, at \$939.00 submitted low bid to the State Purchasing Agent, 210 State Capitol, Sacramento, under Quot. No. 54102, Res. No. 2637, for furnishing one 8-ton pneumatic-tired road roller (Williams Bros. or equal) fog Redding, via freight.

Spears-Wells Machinery Co., Oakland, at \$3600 submitted only other bid. * 25

CONTRACT AWARDED

COWLITZ CO., Wash.—Bingham Pump Co., Portland, Ore., at \$4,723.50, was awarded contract by the U. S. Engineer Office, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-440, for furnishing and installing one vertical wet pit propeller type pump with motor, exciter and control equipment and one solenoid and auxiliary valve with mechanical and electrical connections, at Diking District No. 5, about two miles east of Woodland, Cowlitz Co., Wash. * 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—F. E. Crews, Box 83, Fairfax, at \$3.90 per hour, submitted low bid to the Department of Public Works, Division of Highways, E. R. Green, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of one tractor-grader with 10-ft. blade, for 640 hours' use in District 1.

Total bids follow:
F. E. Crews, Box 83, Fairfax—\$3.90 per hour.

A. Soda & Son, Oakland—\$4.44 per hour.

A. Helwig, Sebastopol—\$5.25 per hour.

W. E. Karstedt, San Jose—\$7.00 per hour. * 25

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until May 9, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 779, for furnishing and delivering main control equipment and current transformers; station-power switchboard, distribution cabinets, and miscellaneous equipment; metal-clad switchgear, and two 5,000-volt, 200-ampere oil circuit breakers with frame mounting, for installation in the Seminoe power plant, Kendrick project, Wyo.; job shipping point and/or Parco, Wyo. Equipment will be installed by the government.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of 3½-yd. and 1½-yd. gas shovels for use in Orange, Los Angeles and Ventura Counties for a period of 90 days, opened by the State Highway Dept., Los Angeles, were:

H. J. Wolle—1½-yd. P & H 700, 1933, \$8.40 hr.

J. O. Cox and C. L. Sheets—1-c.y. Erie gas+air, \$6.50 per hr.; 1¼-yd. Erie gas+air, \$6.75 hr.

E. L. Yeager—¾-yd. Lorain, 1938, \$6.85 hr.

Dixson-Shriver Constr. Co.—1¼ to 1½-c.y. Lorain 77 diesel, 1935, \$8.00 per hr.

A. E. Fowler & Son—1¼-yd. Lorain 40, 1938, \$7 hr.

C. G. Willis & Sons—¾-yd. Koehring, 1938, \$7 hr.

Pacific Crane & Rigging, Inc.—¾-yd. P&H, rebuilt, 1937, \$7.50 hr.; two 1-yd. Link-Belts, rebuilt, 1937, \$8 hr.

A. S. Vinnell Co.—1-yd. Northwest, rebuilt, 1936, \$7.44 hr.; 1¼-yd. Northwest, rebuilt, 1936, \$7.44 hr.

E. Watson, San Diego—¾-yd. Koehring, rebuilt, 1937 (factory built 1928), \$6; 1¼-yd. Koehring, 1928 (rebuilt 1935), \$7 hr.

J. F. Pierce—¾-yd. Northwest, rebuilt 1935, \$6.75 hr.; ¾-yd. Northwest, 1938, \$7.50 hr.

Kiss Crane Service—¾-yd. Lorain 40, 1936, \$7 hr.

Metcalf Crane Service—¾-yd. Lorain, 1938, \$7 hr.

Bert Calvert—1-yd. Osgood, 1929, \$5.75 hr.; 1¼-yd. Northwest, 1931, \$6.75 hr.; ½-yd. Northwest, 1931, \$5.75 hr.

R. K. Huff—¾-yd. Lorain, 1938, \$7 per hour.

B. G. Carroll—¾-yd. Northwest, 1937, \$6.43 hr.

G. W. Ellis—¾-yd. Lorain 40, 1937, \$7 hr.

S. Edmondson & Sons—1½-yd. Bucyrus-Erie, 1934, \$8.75 hr.; ¾-yd. P&H diesel, 1937, \$7.75 hr.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a truck crane with ¾-c.y. yd. clamshell bucket, for use in Ventura county, for a period of 90 days, opened by the State Highway Dept., Los Angeles, were:

R. A. Doty—Lorain 40, \$7.50 and \$7.75.

W. M. Ward—Quickway 1936, \$5.00 and \$7.00.

Pacific Crane & Rigging, Inc.—Universal Lorain 1936; ¾, ¾-yard buckets, \$7.00 and \$7.00.

Kiss Crane Service—Universal "35", 1932, \$7.50 and \$7.00.

Metcalf Crane Service—Lorain 40, 1938, \$7.00 and \$7.00.

Smith Bros. Truck Co.—Universal Lorain, 1937, \$7.00 and \$7.00.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one to three 40 to 50-hp. 9 drawbar rating track-laying type tractor, with angledoezer, for use in Ventura County, about 60 working days, opened by the State Highway Dept., Los Angeles, were:

R. A. Doty—Caterpillar 1937, \$6.50 per hr.

E. L. Yeager—56-hp. Caterpillar 1936, \$5.85 per hr.

Jesse L. Simons—47 International 1937, \$4.25 hr.

Metcalf Crane Service, Compton—6hp. Cletrac, 1937, \$6 hr.

Pacific Crane & Rigging, Inc.—RD7 Caterpillar, 1935, \$6 hr.

Cozens & Hammond—40 to 50-hp. Caterpillar RD6, 1936, \$5 hr.

BIDS OPENED

VISALIA, Tulare Co., Cal.—Edward R. Bacon Co., at \$3100, submitted low bid to the Visalia City Council, Anne Lowell, City Clerk, City Hall, Visalia, for furnishing one motor pick-up street sweeper.

The Asso. Equipment Co. and Knox-Hale Machinery Co. submitted identical bids at \$7650.

shovel, for use in Ventura County, for approximately 90 working days, opened by the State Highway Dept., Los Angeles, were:

H. M. Jones—½-yd. Bay City, 1937, \$5.25 hr.

F. S. Case, Fullerton—½-yd. Lorain, 1938, \$6 hr.

W. M. Ward, Santa Paula—½-yd. Speeder, 1932, \$4.375 hr.

Pacific Crane & Rigging, Inc.—½-yd. Universal Lorain, 1936, \$7 hr.

Cozens & Hammond—½-yd. Byers, 1936, \$5.25 hr.

Paul E. Naylor—½-yd. Byers, 1936, \$5.37 hr.

C. G. Willis & Son—½-yd. Koehring, 1938, \$7 hr.

Kiss Crane Service—½-yd. "35" Universal, 1932, \$6.75 hr.

B. G. Carroll—½-yd. Northwest, 1938, \$4.93 hr.

R. E. Campbell—¾-yd. Koehring, 1937, \$7.65 hr.

29—STREETS AND HIGHWAYS

COMPLETE BIDS April 14, 1938.

SAN DIEGO CO., Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at \$107.50, submitted low bid to State Highway Dept., San Diego, for application of diesel oil to roadside vegetation for distance of 68.9 roadside miles in San Diego County, involving (1) 450 bbls. diesel oil.

Complete bids were: Square Oil Co.—(1) \$2.35; total \$1-057.50.

Consumers Oil Co.—(1) \$2.37; total, \$1066.50.

R. E. Hazard & Sons—(1) \$3.24; total, \$1455.

BIDS WANTED April 14, 1938.

PHOENIX, Maricopa Co., Ariz.—Until April 26, 10 a.m., bids will be received by the Phoenix City Commission, City Clerk, City Hall, Phoenix, for the improvement of certain portions of Fifth Avenue from Holly Street to Encanto Blvd., Phoenix, Ariz.

Work involves:

- (1) 792 sq. yds. 3-in. plant-mix oil process pavement (track area);
- (2) 792 sq. yds. aggregate base course under oil process pavement (track area);
- (3) 792 sq. yds. grading under oil process pavement (track area);
- (4) 2830 sq. yds. 3-in. plant-mix oil process pavement;
- (5) 2830 sq. yds. 6-in. aggregate base course under oil process pavement;
- (6) 2830 sq. yds. grading under oil process pavement;
- (7) 247 sq. yds. 6-in. Portland cement concrete pavement;
- (8) 247 sq. yds. grading under 6-in. concrete pavement;
- (9) 1760 sq. yds. parkway grading;
- (10) 7405 sq. ft. Portland cement concrete sidewalk, 4 in. thick;
- (11) 1480 lin. ft. combined curb and gutter, Detail "E-1";
- (12) 185 lin. ft. single curb, Detail "F-1";
- (13) 107 lin. ft. valley gutter, Detail "Z";
- (14) 940 lin. ft. 8-in. plain concrete pipe;
- (15) 3 manholes, Detail No. 16;
- (16) 1 resetting trolley pole;
- (17) 10 water main valve boxes;
- (18) 2 resetting water main valve boxes.

Plans and specifications may be obtained from the City Engineer, Phoenix, upon deposit of \$5.00. * 29

CONTRACT AWARDED April 14, 1938.

CLARKE CO., Nevada.—The Utah Constr. Co., Ogden, Utah (1 Montgomery St., San Francisco), at \$141,709.20, awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing a bituminous treated surfacing (Class B) on 9,366 miles, Section A of Rte. 1, Overton-Lake Mead, the Boulder Dam Recreational Area, Clarke Co., Nevada. * 29

CORRECTION—BIDS WANTED April 14, 1938.

NYE COUNTY, Nev.—Until April 20, 1.30 P. M., bids will be received by the Directors of the Department of Highways, State of Nevada, Heroes' Memorial Bldg., Carson City, Nevada, for reconstruction of approximately 127.5 mi. of State Highway from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye County, Nevada.

Work involves:

- (1) 74 acres clearing;
- (2) 372 l.f. remove fence;
- (3) 22 l.f. remove culvert pipe;
- (4) 22 each, remove headwalls (rock);
- (5) 122,788 c.y. roadway excav.;
- (6) 1060 c.y. drainage excav.;
- (7) 167 sta. V type ditches;
- (8) 12,122 c.y. borrow;
- (9) 9,544 c.y. imported borrow;
- (10) 26 sta. slope rounding;
- (11) 114,027 yd. sta. overhaul, yd. sta.
- (12) 1,533 yd. mi. overhaul, yd. mi.;
- (13) 1210 c.y. struc. excav.;
- (14) 2,400 c.y. backfill;
- (15) 12.75 miles subgrade, Type C;
- (16) force account, roadside cleanup;
- (17) 24 M. gals. water;
- (18) 58,066 tons gravel surface;
- (19) 430 c.y. Class A concrete;
- (20) 91 c.y. Class B concrete;
- (21) 47,357 lbs. reinf. steel;
- (22) 36 c.y. mortar rubble masonry;
- (23) 798 l.f. 18-in. CMP;
- (24) 1,306 l.f. 24-in. CMP;
- (25) 72 l.f. 30-in. CMP;
- (26) 486 l.f. 36-in. CMP;
- (27) 170 c.y. grouted hand laid rip-rap;
- (28) 347 l.f. reconstruct fence;
- (29) 60 each. monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or at the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, of which \$5 will be refunded.

Above quantities have been revised. * 29

CONTRACT AWARDED

MENDOCINO CO., Calif.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$23,449, awarded contract by the State Division of Highways, Public Works Building, Sacramento, for grading and applying penetration oil treatment on about 1.3 miles between Henry Gulch and Westport Gulch, Mendocino Co., Cal. * 29

CONTRACT AWARDED

INYO CO., Calif.—Basch Brothers, 20530 S. Normandie Ave., Torrance, at \$19,667, were awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for grading and placing road-mix surfacing on about 1.5 miles at Independence, Inyo Co., Cal. * 29

BIDS WANTED

POMONA, Los Angeles Co., Calif.—Until April 26, 12 M., bids will be received by the Pomona city council for improving E. Holt Ave. between Reservoir St. and Towne Ave., about

0.5 mile. The work involves:

- (1) grading;
- (2) 193,400 sq. ft. 6-in. cement conc. pavement (State Highway Spec. 43-in.-9-in.-9-in.-6-in.) Est. cost \$18,000.

Plans and specifications may be obtained from the office of F. C. Froehde, city engineer, upon deposit of \$5. This is a cash contract, paid for by state highway funds.

29

LOW BIDDERS

ELKO CO., Nev.—Nevada Rock & Sand, Inc., Reno, at \$7,282.05, submitted low bid to the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the reconstruction of approximately 4.83 miles of the State Highway from 5 miles north of Currie to 26 miles south of Wells, Rte. 13, Section A2 and E2, Elko County, Nevada.

J. A. Casson, Hayward, Calif., at \$7,541.60, submitted second low bid.

Complete bids will be published shortly.

29

BIDS WANTED

SOUTH GATE, Los Angeles Co., Cal.—Until May 2, 7:30 P. M., bids will be received by the South Gate city council for constructing a pedestrian subway, reinforced concrete box culverts, and plant mixed surfacing, at the intersection of Firestone Blvd. and Garden View Ave., in accordance with plans and specifications which may be obtained at the office of the street supt., Guy Nevel, South Gate. Certified check, cashier's check or cash, 10%.

29

BIDS WANTED

LOS ANGELES CO., Cal.—Until May 5, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.5 mi. grading, widening with Portland cement concrete and plant-mix surfacing between Philadelphia St. and Painter Ave., Los Angeles Co., Cal.

Work involves:

- (1) 500 M. gals. water;
- (2) 16 c.y. remove concrete;
- (3) 9,000 c.y. roadway excav., without class;
- (4) 30 c.y. struc. excav.;
- (5) 30,000 sta. yds. overhaul;
- (6) 2,500 c.y. import subgrade material;
- (7) 16,000 sq. yds. preparing subgrade;
- (8) 78 sta. finishing roadway;
- (9) 7 tons liq. asph., SC-2 (prime coat);
- (10) 1,150 tons mineral aggregate plant-mix surf.;
- (11) 40 tons liq. asph., ROMC-4 or ROMC-5 (plant-mix surf.);
- (12) 3,230 c.y. class B portland cement concrete pavement;
- (13) 5,900 each, pave. dowels;
- (14) 11,000 lbs. bar reinf. steel;
- (15) 125 lbs. misc. iron and steel;
- (16) 2 c.y. class A portland cement concrete strucs.;
- (17) 36 lf. 18-in. CMP;
- (18) 30 lf. 24-in. CMP;
- (19) 245 c.y. class A portland cement conc. curbs, gutters and sidewalks.

29

BIDS OPENED

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$13,693.56 (Proposition B) submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing Market Street between San Pablo Ave. and Adeline Street, Oakland.

PROPOSITION "A"

- (1) 3470 tons asphalt concrete surfacing.

PROPOSITION "B"

- (2) 3470 tons emulsified asph. mix surfacing.

Total bids follow:

- (A) Heafey-Moore Co., 344 High St., Oakland, (2) \$13,699.56.
- (B) M.J.B. Const. Co., Stockton, (1) \$14,400.50; (2) \$14,400.50.
- (C) Union Paving Co., San Francisco (1) \$14,574.00.
- (D) W. H. Larson, Oakland, (1) \$14,712.80; (2) \$14,539.30.
- (E) Ransome Co., Emeryville, (1) \$14,921.00; (2) \$15,441.50.
- (F) Hanrahan Co., San Francisco: (1) \$15,719.10; (2) \$15,719.10.

Unit prices follow:

	(1)	(2)
(A).....	\$.....	\$3,948
(B).....	4.15	4.15
(C).....	4.20	
(D).....	4.24	4.10
(E).....	4.30	4.45
(F).....	4.53	4.53

29

BIDS WANTED

GRAHAM COUNTY, Ariz.—Until April 29, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on FA 77-B (1938) AFE 7007. The work, which begins about 1 1/2 miles east of Solomonville and extends easterly about 6.75 miles, consists of grading and draining over a new alignment and is to be completed on or before Jan. 31, 1939.

Work involves:

- (1) 65,000 c.y. rdwy. excav.;
- (2) 8,800 c.y. drainage excav.;
- (3) 1,900 c.y. struc. excav.;
- (4) 132,100 sta. yds. overhaul;
- (5) 2,500 c.y. mi. haul;
- (6) 129,300 c.y. imported borrow CIP
- (7) 1,600 hours rolling;
- (8) 1,339 c.y. concrete;
- (9) 171,800 lbs. reinf. steel;
- (10) 7,100 lbs. struc. steel;
- (11) 1,392 lf. CMP (8 sizes);
- (12) 240 c.y. plain riprap;
- (13) 20 each steel jetties.

Plans and specifications may be obtained at the office of Howard S. Reed, State Highway Engineer. Certified or cashier's check for 5% must accompany each proposal.

29

BIDS OPENED

OAKLAND, Calif.—Ransome Co., 4030 Hollis St., Emeryville, at \$10,731.88, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing the easterly side of Grove Street, between State Highway Route 55 and 22nd St., Oakland.

Work involves:

- (1) 9845 sq. yds. existing asphalt pavement removed;
 - (2) 15 c.y. concrete face repairs;
 - (3) 1959 tons asphalt concrete surfacing.
- Total bids follow:
- (A) Ransome Co., 4030 Hollis St., Emeryville—\$10,731.88.
 - (B) Union Paving Co., San Francisco—\$10,815.10.
 - (C) Independent Constr. Co., Ltd., Oakland—\$10,987.89.
 - (JD) W. H. Larson, Oakland—\$10,992.41.
 - (E) Hanrahan Co., San Francisco—\$11,143.20.
 - (F) M.J.B. Const. Co., Stockton—\$11,194.90.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	
(1)	20.20	\$0.23	\$0.253	\$0.25	\$0.20	\$0.29
(2)	80.00	15.00	15.00	15.00	20.00	14.00
(3)	4.32	4.25	4.20	4.24	4.53	4.15

29

CONTRACT AWARDED

ELKO CO., Nev.—Nevada Rock & Sand, Inc., Reno, at \$7,282.05, was awarded contract by the Nevada Directors of the Department of High-

ways, Heroes' Memorial Bldg., Carson City, Nev., for the reconstruction of approximately 4.83 miles of the State Highway from five miles north of Currie to 26 miles south of Wells, Route 13, Sections A2 and E2, Elko County.

Complete bids will be published shortly.

29

CONTRACT AWARDED

WASHOE CO., Nev.—Isbell Const. Company, Reno, at \$53,029.60, was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the reconstruction of approximately 3.99 miles of the State Highway from Lawton's to Reno, Route 1, Section A1, Washoe County.

Complete bids will be published shortly.

29

LOW BIDDER

SAN DIEGO CO., Cal.—Square Oil Co., Inc., 916 Adobe St., Los Angeles, at \$1,057.50 submitted low bid to the State Highway Department, San Diego, for application of Diesel oil to roadside vegetation for a distance of about 68.9 miles in San Diego Co.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until April 19, 11 a.m., bids will be received by Long Beach City Manager, R. M. Dorton, for the improvement of Oregon Ave., Golden Gate and San Francisco Ave., betw. Spring St. and 32nd St., involving grading, water mains, fittings, fire hydrants, etc.; 1911 Act. Certified check or bond, 10%. Plans and specifications may be obtained from the city engineer-director of public service, J. W. B. Blackman. E. L. MacDonald, city clerk.

The items are:

- (1) 618 ft. 12-in. C I pipe;
- (2) 948 ft. 8-in. C I pipe;
- (3) 4902 ft. 6-in. C I pipe;
- (4) 2 crosses, 12x12x6x6-in.;
- (5) 3 crosses, 8x8x6x6-in.;
- (6) 3 crosses, 6x6x6x6-in.;
- (7) 9 tees, 6x6x6-in.;
- (8) 1 gate valve, hub end, 12-in.;
- (9) 1 same, 8-in.;
- (10) 16 same, 6-in.;
- (11) 1 C I plug, 12-in.;
- (12) 1 C I plug, 8-in.;
- (13) 4 C I plugs, 6-in.;
- (14) 1 heavy gate box and lid, 12-in.;
- (15) 17 same, 8-in.;
- (16) 9 standard fire hydrant assemblies;
- (17) 117 C I service laterals, 2-in., type B, with clamp.

29

CONTRACT AWARDED

PIMA & MARICOPA COS., Ariz.—Tiffany Const. Co., P. O. Box 846, Phoenix, at \$57,635.75 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Ajo-Gila Bend Highway, FAS 120-B (1938) AFE 8504. The work, which begins about five miles north of Ajo and extends northerly about 4 1/2 miles to the Pima-Maricopa county line, consists of grading, aggregate base course and asphaltic surface treatment and is to be completed on or before October 31, 1938.

29

LOW BIDDERS

WASHOE CO., Nev.—Isbell Const. Co., Reno, at \$53,029.60, submitted low bid to the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the reconstruction of approximately 3.99 miles of the State Highway from Lawton's to Reno, Route 1, Section A1, Washoe Co., Nev. Nevada Rock & Sand, Inc., Reno, at \$53,860.20, submitted second low bid.

April 8, 1938

CORRECTION—BIDS WANTED

MADEIRA COUNTY, Calif.—Until April 27, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.9 miles of grading and applying penetration oil treatment between Madera - Friant Road and Kelshaw Corners, Madera County. Work involves:

- (1) Clear and grub right of way;
- (2) 1,120 M. gals. water;
- (3) 448,000 c.y. rdwy. excav., unclassified;
- (4) 2,300 c.y. ditch and channel excavation;
- (5) 4,750 c.y. struc. excav.;
- (6) 2,100,000 sta. yds. overhaul;
- (7) 575 sta. finish rdwy.;
- (8) 265 tons liquid asphalt, SC-2;
- (9) 52,400 lbs. bar reinf. steel;
- (10) 405 c.y. Class A portland cement conc. struc.;
- (11) 105 c.y. rubble masonry;
- (12) 762 lf. 8-in. CMP, 16-gauge;
- (13) 74 lf. 12-in. do;
- (14) 3,452 lf. 18-in. do;
- (15) 1,412 lf. 24-in. CMP 14-gauge;
- (16) 166 lf. 24-in. CMP 12-gauge;
- (17) 208 lf. 30-in. CMP 14-gauge;
- (18) 144 lf. 30-in. CMP 12-gauge;
- (19) 80 lf. 42-in. CMP 12-gauge;
- (20) 118 lf. 48-in. CMP 12-gauge;
- (21) 254 lf. 48-in. CMP 8-gauge;
- (22) 96 lf. 54-in. CMP 12-gauge;
- (23) 350 lf. 54-in. CMP 8-gauge;
- (24) 220 lf. 105-in. multi-plate CMP, 610-18;

- (25) 37 each spillway assemblies;
 - (26) 115 each culvert markers;
 - (27) 17.5 mi. type A property fence;
 - (28) 1.6 mi. type B property fence;
 - (29) 0.5 mi. move and reset property fences;
 - (30) 27 each drive gates;
 - (31) 180 each monuments.
- Plans and specifications may be obtained from the above office.
- Item 29 previously reported incorrectly. 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento April 27, and in Los Angeles April 28.

Following is a list of blue prints and prices:

II-Sis-72-B, bet. Cougar and Macdoel; bids to be opened in Sacramento: Plans, Cross-sections, none.

II-Teh-3-D(RB), at Red Bluff; bids to be opened in Sacramento: PLANS (No. sheets) 6; (Cost) \$ 8.60; CROSS-SECTIONS (No. of sheets) 26; (Cost) \$2.60; (total) \$3.20.

III-Sac-Feeder Road, bet. Ben Ali and U. S. Air Depot; bids to be opened in Sacramento: PLANS (No. of sheets) 16; (Cost) \$2.00; CROSS-SECTIONS (No. of sheets) 60; (Cost) \$6.00; (Total) \$8.00.

IV-Mrn-1-A,SRF, bet. Ignacio and San Rafael; bids to be opened in Sacramento: PLANS (No. of sheets) 52; (Cost) \$7.50; CROSS-SECTIONS (No. of sheets) 126; (Cost) \$12.60; (total) \$20.10.

VI-Mad-125-B & C, bet. Madera-Friant Road and Kelshaw Corners; bids to be opened in Sacramento: PLANS (No. of sheets) 21; (Cost) \$3.10; CROSS-SECTIONS (No. of sheets) 43; (Cost) \$43.90; (total) \$47.00.

VII-L.A.-23-LA.H.I, bet. Tunnel Station and Placerita Canyon; bids to be opened in Los Angeles: PLANS (No. of sheets) 32; (Cost) \$4.50; CROSS-SECTIONS (No. of sheets) 201; (Cost) \$20.10; (total) \$24.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways,

Pima & Maricopa Cos., Ariz.—Hwy. Improvement—(State)

PIMA & MARICOPA COS., Ariz.—April 27, Tiffany Const. Co., P. O. Box 416, Phoenix, at \$57,635.75 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Ajo-Gila Bend Highway, FAS 120-B (19 S504. The work, which begins about five miles north of Ajo and extends northerly about 4½ miles to the Pima-Maricopa county line, consists of grading, aggregate base course and asphaltic surface treatment and is to be completed on or before Oct. 31, 1938. Work involves:

- (1) 1,113 c.y. rdwy. excav., unclass.;
- (2) 4,009 c.y. drainage do;
- (3) 2,900 lf. grader ditches;
- (4) 922 c.y. struc. excav., unclass.;
- (5) 4,978 sta. yds. station yard overhaul;
- (6) 71 c.y. cu. cubic yard mile haul;
- (7) 56,966 c.y. imported borrow, CIP;
- (8) 11,857 tons agg. base course, CIP
- (9) 2,338 m. gals. sprinkling, CIP;
- (10) 534 hours rolling;
- (11) 483 c.y. Class A concrete (inc. cement);
- (12) 68,795 lbs. reinf. steel bars, CIP;
- (13) 68 lf. 18-in. CMP (CIP except excavation);
- (14) 322 lf. 24-in. CMP (CIP except excavation);
- (15) 30 c.y. plain riprap (CIP);
- (16) 1,400 lf. rail bank protection (type B) CIP;

- (17) 57 each guide posts (CIP);
- (18) 24 each r/w markers (type A) CIP;
- (19) 113,688 lbs. struc. steel (CIP);
- (20) 908 lf. furnishing and driving, piles (CIP);
- (21) 1 lump sum, furnish and drive test pile (CIP);
- (22) 1 lump sum loading test pile;
- (23) 56,948 gals. road oil (SC-2) CIP;
- (24) 276 c.y. blotter material (CIP);
- (25) 86 c.y. stockpiling blotter material (CIP).

Total bids follow:
 (A) Tiffany Const. Co., P. O. Box 846, Phoenix, \$57,635.75.
 (B) W. E. Orr, Contr., Prescott, \$58,615.20.
 (C) Packard Contr. Co., Phoenix, \$62,337.05.

- (D) Warren Southwest, Inc., Los Angeles, \$63,506.01.
- (E) W. E. Hall Const. Co., Phoenix, \$66,692.80.
- (F) Fisher Contr. Co., Phoenix, \$67,652.34.
- (G) Oswald Bros., Contrs., Phoenix, \$69,718.16.
- (H) Vinson & Pringle, Contrs., Phoenix, \$69,865.49.
- (I) Phoenix-Tempe Stone Co., Phoenix, \$73,339.09.
- (J) H. J. Hagen, Contr., Globe, \$79,645.25.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$.25	\$.25	\$.20	\$.36	\$.30	\$.20	\$.50	\$.43	\$.92	\$.40
(2).....	.20	.25	.20	.175	.25	.25	.25	.25	.28	.30
(3).....	.05	.05	.05	.10	.05	.05	.05	.06	.04	.05
(4).....	.80	.75	.85	.90	1.25	.75	.80	.98	.90	1.00
(5).....	.02	.01	.02	.015	.03	.02	.02	.025	.035	.02
(6).....	.40	.40	.30	.18	.50	.35	.25	.25	.60	1.00
(7).....	.20	.26	.22	.28	.30	.29	.27	.28	.30	.40
(8).....	.42	.50	.50	.52	.52	.58	.55	.75	.62	.50
(9).....	1.50	1.00	2.25	1.75	2.00	2.75	2.50	1.85	2.75	3.00
(10).....	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.95	2.75	3.00
(11).....	22.00	19.50	20.00	20.50	20.00	19.50	23.00	22.00	24.00	25.00
(12).....	.05	.05	.055	.05	.05	.05	.055	.055	.05	.05
(13).....	1.80	1.70	2.00	1.75	2.00	2.00	2.00	1.84	2.00	2.00
(14).....	2.75	2.50	3.00	2.50	2.75	2.75	2.75	2.45	2.75	3.00
(15).....	4.00	2.00	2.00	5.00	3.50	6.00	4.00	3.00	2.50	5.00
(16).....	2.25	1.50	1.90	2.00	2.50	2.50	3.00	2.00	2.25	3.00
(17).....	2.00	2.00	2.00	2.25	3.00	3.00	3.00	2.50	2.50	3.00
(18).....	2.00	2.00	2.00	2.50	3.00	3.00	3.00	2.50	2.50	3.00
(19).....	.073	.072	.085	.07	.07	.069	.085	.084	.085	.08
(20).....	4.00	3.75	3.50	4.50	4.25	4.25	4.00	3.75	4.90	4.50
(21).....	200.00	150.00	250.00	110.00	200.00	150.00	200.00	125.00	250.00	100.00
(22).....	100.00	150.00	250.00	110.00	200.00	150.00	100.00	200.00	175.00	100.00
(23).....	.06	.063	.07	.065	.07	.07	.065	.075	.065	.075
(24).....	.70	1.50	1.50	1.10	2.00	1.25	1.09	2.00	1.90	3.00
(25).....	.70	1.00	1.50	1.10	2.00	1.15	1.00	2.00	2.00	2.00

and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. 29

30—RESERVOIRS & DAMS

SEEKING ALLOCATION

SANTA ANA, Orange Co., Calif.—Orange County Supervisor Harry D. Riley of Anaheim is on his way to Washington to enlist the support of the government for the Prado Dam. The county is seeking an allocation of \$3,828,000 for initial work on the \$13,000,000 flood control program. While in Washington, Supervisor Riley will endeavor to procure WPA funds in the amount of \$828,000 to finance a \$1,096,000 levee-repair and building project made necessary by the recent floods. Major Theodore Wyman, Jr., United States District Engineer, has already applied to the Chief of Army Engineers for the \$3,000,000 essential to the Orange Co. flood control work. 30

April 14, 1938.

BIDS WANTED

POIK CO., Ore.—Until April 19, 3 p.m. (date postponed from April 15), bids will be received by the U. S. Engineer Office, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-477, for bank clearing, bank sloping, gravel filling and gravel excavation in connection therewith, and the construction of approximately 2,900 feet of rock riprap revetment, located in the Eola Bend District Improvement Company, Polk County, Oregon.

- Work involves:
- (1) 2 acres bank clearing;
 - (2) 3600 c.y. bank sloping;
 - (3) 9600 c.y. gravel excavation;
 - (4) 700 c.y. gravel fill;
 - (5) 15,000 c.y. rock riprap, in place.
- Plans and specifications may be obtained from the above office upon deposit of \$500. 30

CONTRACT AWARDED

CLATSOP COUNTY, Ore.—Tacoma Dredging Co., Tacoma, at \$63,900.00 (Sec. B) was awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-416, for strengthening and rebuilding approx-

imately 33,310 lf. of existing levee, the construction of approximately 1,484 lf. of new levee and approximately 5,100 lf. of rock riprap revetment, all situated on Tenasillahe Island, Biking District No. 6, Clatsop County, Ore. 30

CONTRACT AWARDED

UMATILLA CO., Ore.—Homer G. Johnson, Imperial Hotel, Portland, at \$20,920 was awarded contract by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 69-38-247, for extending raising and strengthening existing levee between the Round-up grounds and sewage disposal plant along Umatilla River at Pendleton, Ore. 30

BIDS OPENED

SEATTLE, Wash.—Winston Bros., 4580 Colorado St., Seattle, at \$79,860, submitted low bid to the U. S. Engineer Office, District Engineer, 754 Central Bldg., Seattle, under Circ. Prop. 176, for construction of brush and rock dike connecting McClinn's Island and Goat Island, Skagit Bay, near southern entrance to Swinomish Slough.

Bids taken on:

- (1) 4000 cords brush mattress;
- (2) 57,000 tons rock;
- (3) total.

Bids were:

Winston Bros., 4580 Colorado St., Seattle—(1) \$600; (2) \$98; (3) \$79,860.

Croy Lich Co., Bellingham—(1) \$7; (2) \$0.93; (3) \$81,010.

Acme Constr. Co., Seattle—(1) \$6; (2) \$1.13; (3) \$88,400.

L. Romano Engrg. Corp., Seattle—(1) \$400; (2) \$1.39; (3) \$95,230.

C. F. Dally, Seattle—(1) \$600; (2) \$1.30; (3) \$88,100.

Halleran Bros. & J. W. Ramsey, Seattle—(1) \$500; (2) \$1.20; (3) \$100,400.

C. L. Creelman, Seattle—(1) \$7.00; (2) \$1.27; (3) \$102,790.

Barnard-Curtis Co., Minneapolis—(1) \$7.50; (2) \$1.18; (3) \$97,260.

American Pile Driving Co., Everett—(3) \$122,100.

General Constr. Co., Seattle—(1) \$800; (2) \$1.25; (3) \$103,250.

C. W. Larson, Seattle—(1) \$9.50; (2) \$1.30; (3) \$112,100.

Henry Hagman, Cashmere—(1) \$9.50; (2) \$1.45; (3) \$120,650.

M. P. Butler, Seattle—(1) \$10; (2) \$1.75; (3) \$139,750.

C. V. Wilder, Bellingham—(1) \$8; (2) \$1.27; (3) \$104,390.

L. J. Dowell, Seattle—(3) \$108,130.

Puget Sound Bridge & Dredging Co., Seattle—(1) \$8.45; (2) \$1.72; (3) \$131,840. 30

31—PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO.—The Lowrie Paving Co., Inc., 1540 16th Street, at \$1949.50 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Water Dept. Spec. No. 175, for laying 6-inch cast iron mains in 48th, 41st, Emeraldal Aves., and Sweeny Street.

Work involves:

- (1) 2290 lf. excav. and backfill for 6-in. pipe trench 17 inches wide by 36 inches deep;
- (2) 25 cu. yd. additional excavation and backfill;
- (3) 175 sq. ft. of additional pavement removal;
- (4) 2290 lf. installing 6-in. ball and socket cast-iron pipe;
- (5) 3015 lbs. installing fittings, gate valves, etc.
- (6) 308 lf. making joints for pipe and fittings;
- (7) 2175 sq. ft. repavement;
- (8) 39 3/4-in. screw caps installed;

WATSONVILLE HOSPITAL

HOSPITAL Cost, \$.....
WATSONVILLE, Santa Cruz County
Cal. Alvarado, Monte Vista and
Brewington Streets.

One - story reinforced concrete and frame hospital bldg. (123 rooms), wards and private patient rooms, soundproof nursery and delivery rooms, waiting room, superintendent's and business offices, consultation and examination rms., surgery, sorarium, 2 sun porches, nurses' quarters and living room, kitchens, dining rooms, lighting and fire alarm systems, switch-board, etc.

Owner—Watsonville Hospital Board of Directors (Dr. Frank E. Blaisdell, Secretary).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Low Bidder—Victor A. Kaufberg, Hotel St. Marks, 12th and Franklin Sts., Okaland, \$102,750.

General bids were received with the following alternate proposals:

- (a) Deduct for omitting all that portion of the building as shown on the drawings as Alt. a from general bid.
- (b) Deduct for omitting all that portion of the building as shown on the drawings as Alt. b from general bid.
- (c) Deduct for omitting all that portion of the building as shown on the drawings as Alt. c from general bid.
- (4) Add if all doors are veneered with Philippine mahogany.
- (5) Deduct for omitting emergency lighting systems;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(a)	\$3223	\$3300	\$2000	\$3700	\$3250	\$2840	\$2600	\$2800	\$2843	\$3012	\$3040
(b)	6023	6200	5200	6100	5500	5075	5200	4800	5099	5623	5422
(c)	9123	9400	8300	9800	8650	7710	8100	7200	7671	9012	8341
(4)	100	400	300	150	560	120	495	500	525	250	563
(5)	25	30	.....	30	30	30	.....	30	25	30	35
(6)	572	600	640	540	564	582	700	650	625	535	564
(7)	.....	200	450	400	260	195	990	500	497	500	759
(8)	110	200	60	50	40	50	24	50	27	90	24
(9)	94	150	160	20	160	140	40	150	38	60	40
(10)	650	800	620	800	800	825	750	800	778	600	810
(11)	610	300	.....	400	.....	122	400	200	100	525	109

(8591) 1st report June 23, 1937; 4th, April 8, 1938.

OAKLAND—OUTLET TUNNEL & SEWER—(City)

OAKLAND, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at \$64,832 submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the construction of outlet tunnel and sewer in Broadway Terrace, Oakland. Est. cost, \$65,000.

Work involves:

- (1) 777 lf. concrete lining standard tunnel section complete, 24-in. vitrified pipe sewer, exclusive of reinforcing steel;
- (2) 200 lf. concrete lining extra strength lining section complete, 24-in. vitrified pipe sewer, exclusive of reinforcing steel;
- (3) 89,694 lbs. reinforcing steel in tunnel lining;
- (4) 224 lf. 24-in. vit. pipe sewer;
- (5) 109 lf. 24-in. vit. pipe sewer concrete saddle;
- (6) 177 lf. 21-in. vit. pipe sewer;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$50.00	\$52.00	\$48.00	\$51.60	\$56.00	\$60.00	\$69.00
(2)	56.00	55.20	50.00	53.40	58.00	65.00	75.00
(3)	.....	.06	.05	.052	.06	.....	.062
(4)	7.00	7.10	7.00	12.50	10.00	13.00	15.00
(5)	10.00	9.50	25.00	22.00	17.00	17.00	17.50
(6)	6.50	6.00	15.00	10.00	7.00	10.00	5.65
(7)	5.50	4.85	10.00	5.00	6.50	6.00	3.50
(8)	3.50	3.50	7.00	4.00	6.00	4.00	2.95
(9)	40.00	19.25	25.00	33.50	28.00	50.00	33.00
(10)	500.00	724.00	300.00	425.00	300.00	500.00	325.00
(11)	210.00	145.00	250.00	270.00	180.00	450.00	150.00
(12)	185.00	93.50	250.60	75.00	110.00	100.00	65.00

- (7) 123 lf. 18-in. vit. pipe conduit;
- (8) 184 lf. 10-in. vit. pipe conduit;
- (9) 95 lf. 48-in. corr. iron pipe;
- (10) 2 special manholes;
- (11) 4 standard manholes;
- (12) 1 manhole inlet top.

Total bids follow:

- (A) E. T. Lesure, 87 Ross Circle, Oakland, \$64,832.00.
- (B) Stroud - Seabrook, Bakersfield, \$64,847.00.
- (C) M. J. Lynch, San Francisco, \$65,651.00.
- (D) F. L. McNair, Oakland, \$68,854.00.
- (E) R. G. Clifford, San Francisco, \$71,819.00.
- (F) A. Soda & Son, Oakland, \$81,109.00.
- (G) M.J.B. Const. Co., Stockton, \$85,865.00.

Unit prices follow:

- (9) 625 l.f. installing 3/4-inch service pipe.
 Total bids follow:
 (A) The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, \$1,949.50
 (B) Martin Murphy, Albany, \$2,000.80
 (C) S. S. Water Dept., \$2,093.60
 (D) W. J. Tobin, Oakland, \$2,326.66
 (E) E. J. Treacy, San Francisco, \$2,399.05

(F) The Fay Improvement Co., San Francisco, \$2,566.67.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$.30	\$.42	\$.40	\$.48	\$.53	\$.60
(2).....	.50	.50	.50	.50	.50	.50
(3).....	.26	.10	.35	.35	.25	.35
(4).....	.10	.10	.06	.07	.10	.08
(5).....	.02	.05	.02	.03	.03	.03
(6).....	.40	.10	.30	.30	.30	.34
(7).....	.26	.20	.27	.25	.24	.25
(8).....	1.00	1.00	1.00	1.60	1.00	1.20
(9).....	.30	.20	.30	.35	.25	.24

MOFFETT FIELD, Cal.—As previously reported, until May 11, 11:00 A. M., bids will be received by Col. H. E. Pitz, Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco, under Bid No. W 6616-38-17, for construction and completion of a 10-inch water supply line at Moffett Field.

Work involves:

- (1) Construction and completion of 10-inch water supply main, from and including the connection with the Post water distribution system, to and including the connection with the San Francisco Water Co.'s 36-inch main, together with all necessary appurtenances thereto, including service charge, based upon using 10-inch cast iron, cement lined pipe, with the exception of short sections at bridges, railroads, etc., where steel pipe is required;
 - (2) Construction and completion of the 10-inch water supply main, from and including the connections with the Post water distribution system, to and including the connections with the San Francisco Water Co.'s 36-inch main, together with all necessary appurtenances thereto, including service charge, based upon using 10-in. steel pipe, inside lined and outside coated with coal tar pitch enamel;
 - (3) Construction and completion of the 10-inch water supply main, from and including the connections with the Post water distribution system, to and including the connections with the San Francisco Water Co.'s 36-in. main, together with all necessary appurtenances thereto, including service charge, based upon using 10-in. steel pipe, cement lined, and outside coated with coal tar pitch enamel.
- (4) Unit prices:
- (a) earth excavation, per c.y.;
 - (b) rock excavation, per c.y.;
 - (c) wet excavation, per c.y.;
 - (d) concrete in place (inc. forms), per c.y.;
 - (e) steel bars, reinf., in place, per 100 lbs.;
 - (f) steel wire fabric, per 100 lbs.;
 - (g) 10-in. cast iron, cement lined pipe in place, inc. excav. and backfill, per l.f.;
 - (h) 10-in. steel coal tar pitch lined and outside coated pipe in place, inc. excavation and backfill, per l.f.;
 - (i) 10-in. steel, cement lined and coal tar pitch outside coated pipe in place, including excavation and backfill, per l.f.;
 - (j) cast iron fittings, per lb.;
 - (k) malleable iron fittings, per lb
 - (l) 10-in. bolted sleeve type coupling, each;
 - (m) 10-in. flanged gate valve in place, each;
 - (n) 10-in. hub end and gate valve in place, each;
 - (o) 10-in. welded steel pipe fit-

PLACER COUNTY—NORTH FORK DAM—(Govt.)

PLACER CO., Calif.—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$345,987, submitted low bid to the U. S. Engr. Office, Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-220, for the construction of a concrete arch dam at the North Fork site on the North Fork of the American River, Placer Co., Cal. Engineer's estimate, \$309,163.

Work involves:

- (1) Lump sum, clearing dam site area;
- (2) Lump sum, diverting and care of river during construction and unwatering foundations;
- (3) 23,000 c.y. excav. above elevation 600.00;
- (4) 5,000 c.y. excav. below elevation 600.00;
- (5) 350 l.f. drilling grout holes less than 25 feet deep;
- (6) 700 l.f. drilling grout holes, 25 ft. to 40 ft. deep;
- (7) 300 l.f. drilling grout holes, over 40 ft. deep;
- (8) 29,400 bbls. hauling and storing cement and admixtures;
- (9) 3,000 lbs. furnishing and installing pipe and fittings for foundation and tunnel grouting;
- (10) 6,600 lbs. furnishing and installing pipe and fittings for radial contraction joint grouting;
- (11) 160 cu. ft. pressure grouting other than radial contraction joints in dam;
- (12) 280 cu. ft. pressure grouting radial contraction joints in dam;
- (13) 200 c.y. concrete in tunnels, Class B;
- (14) 28,000 c.y. concrete in dam, Class B;
- (15) 250 c.y. concrete in retaining walls, Class B;
- (16) 140 c.y. concrete in aeration piers, Class A;
- (17) 14,700 lbs. furnishing and placing steel reinforcement;
- (18) 2,500 lbs. furnishing and placing copper water stops in radial contraction joints;
- (19) 1,600 lbs. furnishing and placing galv. iron grout stops in radial contraction joints;
- (20) 150 l.f. furnishing and installing 4-in. diam. C.I. pipe drains;
- (21) 32 each, installing strain gages;
- (22) 11 each, installing resistance thermometers;
- (23) 480 l.f. furnishing and installing 1/2-in. diam. electrical metal

- conduit;
- (24) 1260 l.f. furnishing and installing 3/4-in. diam. electrical metal conduit;
- (25) 550 l.f. furnishing and installing 1-in. diam. electrical metal conduit;
- (26) 480 l.f. furnishing and installing 1 1/4-in. diam. electrical metal conduit;
- (27) 24 each, furnishing and installing electrical conduits;
- (28) 15,500 l.f. furnishing and installing No. 16 gage, 2-wire, electric cable;
- (29) one each, furnishing and installing electrical conduit outlet cabinet;
- (30) one job, furnishing and installing outlet structure, complete, including slide gate, frame, lifting device, trash rack, handrail, portable guards, ladder and appurtenances;
- (31) 5600 sq. ft. finishing concrete surface of spillway crest;
- (32) 15,000 sq. ft. channeling or drilling and broaching vertical rock surface.

Total bids follow:

- (A) A. Teichert & Son, Inc., P. O. Box 1113, Sacramento—\$345,987.
- (B) Bates & Rogers Constr. Co., Oakland—\$366,989.30.
- (C) Winland Bros. Co., Los Angeles—\$392,049.80.
- (D) Bent Bros., Inc., & Griffith Co., Los Angeles—\$405,278.60.
- (E) Morrison-Knudsen Co., Los Angeles—\$408,315.
- (F) R. G. Clifford and C. M. Elliott, San Francisco—\$413,725.
- (G) Hanrahan-Connolly Co., San Francisco—\$418,990.50.
- (H) Guy F. Atkinson, San Francisco—\$452,952.50.
- (I) Ralph A. Bell, Monrovia—\$471,692.00.
- (J) Geo. Pollock Co., Sacramento—\$479,938.
- (K) Gunther & Shirley, Los Angeles—\$485,586.50.
- (L) D. W. Thurston, Los Angeles—\$511,173.
- (M) United Concrete Pipe Corp., Los Angeles—\$525,625.
- (N) Utah Constr. Co., San Francisco—\$538,196.
- (O) Clyde W. Wood, Los Angeles—\$559,769.
- (P) MacDonald & Kahn Co., Ltd., San Francisco—\$566,665.

Following are Items 2, 3, 4, 14 and 32 only. Complete unit prices will be published shortly.

	(2)	(3)	(4)	(14)	(32)
(A).....	\$20,000.00	\$1.60	\$5.00	\$7.35	\$1.50
(B).....	12,650.00	2.65	5.40	7.20	1.80
(C).....	13,000.00	3.85	5.10	7.35	1.05
(D).....	12,000.00	3.75	5.75	8.00	1.75
(E).....	7,000.00	4.00	4.00	5.30	1.00
(F).....	30,000.00	3.50	5.50	7.60	.85
(G).....	41,200.00	2.00	4.00	9.00	1.50
(H).....	15,000.00	3.25	5.00	10.40	.70
(I).....	12,500.00	4.50	4.50	9.50	2.00
(J).....	40,000.00	2.50	4.00	10.45	1.50
(K).....	5,000.00	3.75	3.75	10.00	3.00
(L).....	15,000.00	4.00	5.00	11.75	1.00
(M).....	10,000.00	6.50	7.50	9.00	2.50
(N).....	40,000.00	5.00	6.00	11.00	1.30
(O).....	15,000.00	6.00	10.00	10.25	1.00
(P).....	45,775.00	4.65	4.65	10.50	3.10

tings, per lb.;

(p) sheeting left in place, M. ft. BM.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 31

CONTRACT AWARDED

MODOC COUNTY, Cal.—Geo. Hartley, Bonanza, Ore., at \$608.75, awarded contract by the Dept. of Agriculture, Washington, D. C., for drilling, casing, and completing a well

Tile Lake Wildlife Refuge, Modoc Co., Cal. 31

LOW BIDDER

YERBA BUENA SHOALS.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$18,713.62, submitted low bid to the San Francisco Bay Exposition Company, 585 Bush St., San Francisco, under Contract No. 174, for the construction of sanitary sewer laterals on Yerba Buena Shoals.

LOS ANGELES—SEWER RELOCATION—(County)

LOS ANGELES, Cal.—Radich and Brown, 2984 Allesandro St., Los Angeles, at \$22,012 submitted the low bid to the Los Angeles County Supervisors for the relocation of the Los Angeles River Crossing of the Newell St. Sewer, 425 lf.

- The work involves: (1) 408 ft. double barrel sewer (Detail X on drawings); (2) lump sum, manhole struc. (Detail A on drawings); (3) lump sum, standpipe struc. (Detail B on drawings); (4) lump sum, manhole struc. (Detail C on drawings); (5) lump sum, manhole struc. (Detail D on drawings); (6) 90 c.y. rock fill on place at man-hole struc.; (7) 300 sq. ft. (horizontal projection) placing mortar to min. depth of 0.6 ft. in the top surf. of rock fill of Item No. No. 6;

- (8) 10 c.y. add. or less Class F concrete due to any authorized change in neat lines, with any reinf. concrete struc. to be built hereunder; (9) 1000 lbs. placing add. or less re-inforcing steel; (10) 300 ft. 24-in. CI pipe, agg. length 24-in. C I pipe salvaged from the existing sewer and delivered to the District in acceptable condition.

Total bids follow: (A) Radich & Brown \$20,012.00 (B) John Artukovich 22,723.00 (C) G. E. Kerns 23,035.00 (D) M. F. Kemper 24,768.00 (E) Bebek & Brkch 27,036.00 (F) Fred F. Greenfield 30,283.00 (G) R. A. Wattson 31,152.00 (H) Werner & Webb 48,900.00 (I) Peter S. Tomich 52,650.00

Unit prices follow: (A) (B) (C) (D) (E) (F) (G) (H) (I) (1) \$ 44.00 \$ 43.50 \$ 45.00 \$ 49.35 \$ 52.00 \$ 54.10 \$ 51.50 \$100.00 \$100.00 (2) 950.00 600.00 1000.00 1099.00 1000.00 1794.00 1600.00 600.00 600.00 (3) 475.00 250.00 250.00 298.00 500.00 501.00 900.00 600.00 500.00 (4) 975.00 1000.00 675.00 958.00 1000.00 919.00 2100.00 1000.00 2000.00 (5) 1000.00 1000.00 1000.00 1494.60 1250.00 1187.00 2400.00 1000.00 2000.00 (6) 7.00 4.00 4.00 3.50 8.00 5.00 8.00 10.00 25.00 (7) .10 .15 .20 .10 .10 .10 .30 .20 1.00 (8) 29.00 20.00 10.00 12.00 10.00 10.00 20.00 12.00 30.00 (9) .025 .02 .03 .02 .02 .02 .03 .01 .50 (10) 8.50 5.00 4.00 1.00 4.00 10.70 7.00 10.00 10.50

ALAMEDA CO.—BAY BRIDGE APPROACH—(State)

ALAMEDA COUNTY, Calif.—Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., San Francisco, at \$23,652.18 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for constructing 3.3 miles of redwood curbs, installing a water supply line, widening shoulders, constructing parking areas and applying penetration oil treatment to east approach to the San Francisco-Oakland Bay Bridge between the Distribution Structure and University Ave., Alameda County.

- The work involves: (1) 1470 c.y. rdwy. excav., unclass. (parking areas and shoulders); (2) 3,000 tons imported base material (do); (3) 40 tons liquid asphalt SC-2 or SC-1A penetration oil treatment (4) 75 tons screenings in place penetration oil treatment; (5) 29,200 lf. redwood curb, select all heart struc. grade complete in place; (6) 204 each 2x2x24-inch redwood stakes, select all heart struc. grade complete in place; (7) 3,130 lf. 3-in. galv. iron pipe complete in place; (8) 6,000 lf. 2 1/2-in. do;

- (9) 4,840 lf. 2-in. do; (10) 2,710 lf. 1-in. do; (11) 2,140 lf. 1-in. do; (12) 980 lf. 3/4-in. do; (13) 3 each, 3-in. brass hose gate valves complete in place; (14) 204 each 3/4-in. hose bibs with 3/4-in. risers complete in place; (15) 1 lot 3, 2 1/2, 2, 1 1/2 and 1-inch unions, complete in place; (16) 2 each 2-in. check valves complete in place.

Total bids follow: (A) Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., San Francisco, \$23,652.18 (B) Underground Const. Co., Oakland, \$24,843.00 (C) Lee J. Immel, Berkeley, \$25,429.90 (D) L. C. Seidel, Oakland, \$25,848.20 (E) Parrish Bros., Los Angeles, \$26,561.20 (F) J. A. Fazio and McQuire & Hester, Oakland, \$27,776.68 (G) M. J. Lynch, San Francisco, \$28,048.70 (H) A. Soda & Son, Oakland, \$30,392.16 (I) Chas. L. Harney, San Francisco, \$32,126.90 (J) Eaton & Smith, San Francisco, \$33,822.37

Unit prices follow: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (1) \$.70 \$.80 \$.80 \$.90 \$ 1.00 \$ 1.15 \$.60 \$ 1.40 \$ 1.00 \$.94 (2) 1.23 1.90 1.15 1.10 1.35 1.50 1.50 1.35 1.35 1.86 (3) 15.00 17.00 12.30 16.00 20.00 17.00 20.00 20.00 20.00 15.00 (4) 6.00 5.00 3.00 4.00 2.00 3.00 2.00 7.00 4.00 3.75 (5) .27 .28 .38 .42 .34 .40 .40 .40 .45 .40 (6) .12 .15 .50 .29 .20 .42 .10 .30 .10 .19 (7) .66 .60 .67 .62 .68 .59 .70 .75 .80 .95 (8) .555 .50 .52 .47 .60 .49 .56 .60 .65 .81 (9) .43 .37 .37 .34 .40 .39 .44 .50 .50 .64 (10) .37 .30 .30 .24 .36 .34 .33 .40 .45 .56 (11) .31 .21 .23 .18 .29 .29 .27 .30 .35 .49 (12) .28 .19 .20 .15 .26 .26 .22 .30 .30 .45 (13) 25.00 20.00 25.00 20.00 20.00 22.00 20.00 25.00 22.00 20.00 (14) 1.80 2.00 1.20 1.10 1.50 1.60 .70 1.60 2.75 .94 (15) 85.00 100.00 50.00 100.00 200.00 45.00 400.00 429.46 300.00 63.00 (16) 10.00 5.00 5.00 3.90 20.00 3.50 10.00 10.00 10.00 3.75

BIDS WANTED

YERBA BUENA SHOALS:—Until April 21, 3 p.m., bids will be received by the San Francisco Bay Exposition Company, 585 Bush St., San Francisco, under Contract No. 182, for pipe line changes, Avenues 104 and K.

Plans and specifications may be obtained from the above office after April 14, 2 p.m. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

LOS ANGELES, Cal.—Charles H. Johnson, 530 N. Martel Ave., Los Angeles, and Nick Perscall, 938 N. Beaudry St., Los Angeles, at \$37,061.47 were awarded contract by the Los Angeles County Supervisors for the relocation of the Los Angeles River Crossing of the Glendale Intersecting Sewer Section No. 2, approximately 1,000 lf. C. H. Howell, 751 South Figueroa St., Los Angeles, chief engineer. * 32

April 11, 1938.

CONTRACT AWARDED

YERBA BUENA ISLAND.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$5,965, awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 170, for construction of Sewage Treatment Plant on Yerba Buena Island. * 32

33—WATER WORKS

CONTRACT AWARDED

UKIAH, Mendocino Co. Cal.—Henry Mercer, 544 Dora Ave., Ukiah, at \$13,101 submitted low bid and was awarded contract by the Ukiah City Council for the construction of a new waterworks system, including pumping plant structure, deep well turbine pumping units and equipment. * 33

34—PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

MILL VALLEY, Marin Co., Calif.—Brown & Lambretti, 275 E. Blythe-dale Ave., Mill Valley, at \$9,725.75 were awarded contract by the Mill Valley City Council, Wm. Faley, City Clerk, City Hall, Mill Valley, for construction of three tennis courts in Mill Valley Recreation Park. * 34

BIDS WANTED

MONROVIA, Los Angeles Co., Cal.—Until April 29, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at Monrovia.

Drawings and specifications may be obtained from the above office. * 34

BIDS REJECTED

MARTINEZ, Contra Costa Co., Cal.—The Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received for seeding the grounds of the U. S. P. O. at Martinez. * 34

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$150; 1122 Stannage, Albany; owner and contractor, Alex Motta, 1017 Talbot.

ALTERATIONS, \$200; 1044 Masonic, Albany; owner and contractor, Berkeley Guarantee Building & Loan, 2101 Shattuck.

REPAIRS, general, \$125; 323 Center St., Oakland; owner and contractor, H. J. Edwards, 1215 Poplar St.

ADDITION, \$775; 5507 Picardy Dr., Oakland; owner, E. A. Payne, 5507 Picardy, contractor, Fred Hambleton, 1601 Wellington.

GARAGE, private, \$275; 1153 72nd Ave., Oakland; owner, Geo. Murray, 1163 72nd Ave.; contractor, R. L. Wiersma, 1157 71st Ave.

ALTERATIONS, \$197; 830 13th St., Oakland; owner, Andro Duzevich, 1637 96th Ave.; contractor, Alfred Walker, 1931 12th St.

ALTERATIONS, \$10; 9618 E. 14th St., Oakland; owner and contractor, Julia E. Olsen, Prem.

GARAGE, 1-story, \$250; 685 37th St., Oakland; owner, Henry Weber, Prem.; contractor, W. H. Elliot, 9590 Thermal St.

ADDITION, \$150; 7614 Hillside St., Oakland; owner and contractor, E. B. Hanjes, Prem.

SIGN, electric, \$161; 3828 Foothill Blvd., Oakland; owner, Fred Naudeau, Prem.; contractor, Ace El Sign Co., 1243 E. 12th St.

SIGN, electric, \$76; 736 E. 12th St., Oakland; owner and contractor, Mrs. Elsie Smith, Prem.

SIGN, metal, \$10; 140 14th St., Oakland; owner, D. H. Osborn, 140 14th St.; contractor, Bert Wiggin, Grant Hotel.

SIGN, metal, \$20; 124 Grand Ave., Oakland; owner, Vallondigham, Prem.; contractor, Earl Cisma, 2590 Grove St.

SIGN, electric, \$200; 8433 E. 14th St., Oakland; owner, La Rosa Market, Prem.; contractor, Western Neon Lite Co., 1141 40th Ave.

SIGN, electric, \$200; 8001 E. 14th St., Oakland; owner, Santos Liquor Store, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$300; 9029 Foothill Blvd., Oakland; owner, Roosevelt Motel, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$100; 2500 Foothill Blvd., Oakland; owner, Nevada Cafe, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$100; 5834 Walnut St., Oakland; owner, M. Irvine, Premises; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 1000 7th Street, Oakland; owner, M. Vidal, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.; also electric sign, \$75, 1004 7th St.

SIGN, electric, \$550; 1934 Broadway, Oakland; owner, Angelus, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 5554 Telegraph Ave., Oakland; owner, H. Brause, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$200; 3100 Seminary Ave., Oakland; owner, Parg's Drugs, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$300; 3264 Grand Ave., Oakland; owner, E. & B. Coffee Shop, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

ALTERATIONS, \$118; 3058 Benvenue, Berkeley; owner, Mrs. Derrick, Prem.; contractor, H. Hawkins, 2986 College Ave.

GARAGE, \$200; 920 Ventura, Albany; owner, C. E. Norton, Prem.; contractor, Fox Bros., 1478 University Ave.

ALTERATIONS, \$100; 2054 University; owner and contractor, R. J. Morgan, Prem.

SANTA CLARA CO.—CURB DIVIDING STRIP—(State)

SANTA CLARA COUNTY, Calif.—Harvey E. Conner, 1222 Whipple Ave., Redwood City, at \$18,992.90 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a curb dividing strip on about 2.6 miles between Agnew Underpass and North San Jose Underpass, Santa Clara Co.

- Work involves:
 (1) 1,730 c.y. excavation;
 (2) 1,600 c.y. of Class B Portland cement concrete;
 (3) 720 lbs. bar reinf. steel;
 (4) 210 each curb dowels;
 (5) 7.2 tons liquid asphalt, SC-2.

Total bids follow:
 (A) Harvey E. Conner, 1222 Whipple Ave., Redwood City, \$18,992.90.
 (B) Palo Alto Roads Material Co., Palo Alto, \$19,434.70.
 (C) F. Kaus, Stockton, \$20,185.20.

- (D) U. Peira & Son, San Francisco, \$20,643.50.
 (E) Valley Const. Co., San Jose, \$20,794.00.
 (F) Piazza & Huntley, San Jose, \$21,495.10.
 (G) Lee J. Immel, Berkeley, \$21,958.60.
 (H) Granite Const. Co., Ltd., Watsonville, \$22,726.40.
 (I) A. J. Ralsch, San Jose, \$22,995.00.
 (J) Parrish Bros., Los Angeles, \$23,265.90.
 (K) Earle W. Heple, San Jose, \$23,362.70.
 (L) L. C. Seidel, Oakland, \$24,398.40.
 (M) E. A. Howkins & Co., San Francisco, \$28,601.50.
 (N) Chas. L. Harney, San Francisco, \$29,478.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$1.00	\$.75	\$1.15	\$1.25	\$.90	\$.50	\$1.30
(2)	10.50	11.12	11.20	11.35	11.70	12.69	12.14
(3)	.10	.07	.06	.10	.08	.08	.08
(4)	.49	.30	.25	.50	.50	.25	.40
(5)	40.00	37.00	25.00	20.00	50.00	30.00	20.00
	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$1.00	\$1.00	\$.75	\$1.25	\$.90	\$1.25	\$1.40
(2)	12.90	13.00	13.50	13.00	14.00	16.25	16.70
(3)	.07	.10	.07	.06	.10	.10	.06
(4)	.60	.50	1.00	.50	.70	.50	.40
(5)	25.00	40.00	15.00	35.00	17.00	35.00	29.00

SHASTA DAM—DIVERSION TUNNEL—(Govt.)

CENTRAL VALLEY PROJECT, Cal.—Colonial Constr. Co., 326 First St., Spokane, Wash., at \$426,475, submitted low bid to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 777, for the construction of the diversion tunnel and temporary relocation of the Southern Pacific Railroad at Shasta Dam, Kennett Division, Central Valley Project.

- Work involves:
 (1) 8,800 c.y. excav., common, for roadway;
 (2) 27,000 c.y. excav., rock, for roadway;
 (3) 46,750 c.y. excav., all classes, in tunnel;
 (4) 300 c.y. excav., common, for structures;
 (5) 200 c.y. excav., rock, for structures;
 (6) 50,000 sta. c.y. overhaul;
 (7) 800 c.y. backfill;
 (8) 25 sq. yds. dry-rock paving;
 (9) 70,000 lbs. furnishing and installing permanent steel tunnel supports;
 (10) 13,125 c.y. concrete in tunnel;
 (11) 400 c.y. concrete in tunnel portals and in footings for steel cover section;
 (12) 125 c.y. concrete in bridge abutments;
 (13) 10,000 lbs. placing reinf. bars;
 (14) 4,000 lbs. installing grid pipe

- and fittings:
 (15) 300 lf. installing metal sealing strips;
 (16) 8000 lbs. installing drain pipes;
 (17) 750 lf. drilling weep holes;
 (18) placing 460 cinch anchors in tunnel lining;
 (19) 50,000 lbs. erecting steel cover section;
 (20) 25 lf. laying 18-in. diam. corr. metal pipe.

Total bids follow:

- (A) Colonial Constr. Co., 326 First St., Spokane, Wash.—\$426,475.
 (B) Bates & Rogers Constr. Co., Oakland—\$483,820.
 (C) Guy F. Atkinson Co., San Francisco—\$494,296.
 (D) Ralph A. Bell, Monrovia—\$507,945.00.
 (E) Morrison-Knudsen Co., Los Angeles—\$508,497.75.
 (F) Shofner Gordon & Hinman, Los Angeles—\$522,427.50.
 (G) Gordon Constr. Co., Denver—\$537,226.25.
 (H) George Pollock and R. G. Clifford, San Francisco—\$549,532.50.
 (I) D. W. Thurston & Griffith Co., Los Angeles—\$572,286.50.
 (J) Utah Constr. Co., San Francisco—\$633,360.
 (K) Clyde W. Wood, Los Angeles—\$639,611.25.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$1.00	\$1.25	\$0.92	\$1.35	\$0.50	\$1.60	\$1.00	\$1.50	\$0.65	\$1.15	\$2.50
(2)	1.00	1.25	.92	1.35	1.00	1.60	1.50	1.50	1.30	1.15	2.50
(3)	4.50	6.00	6.00	6.20	6.45	6.50	1.00	7.35	6.80	6.20	8.50
(4)	2.00	1.95	1.50	1.50	1.50	3.00	1.50	1.50	1.50	2.00	2.50
(5)	2.00	3.75	2.50	4.00	2.75	3.00	4.00	2.25	3.00	3.00	2.50
(6)	.02	.022	.01	.02	.02	.02	.05	.01	.01	.02	.01
(7)	1.00	.95	.75	1.00	.30	.50	1.00	.50	.50	.45	1.00
(8)	3.00	3.30	4.00	2.00	5.00	3.00	3.00	10.00	3.50	2.50	2.50
(9)	.10	.13	.10	.08	.10	.08	.12	.10	.11	.08	.10
(10)	12.00	10.30	12.00	11.00	11.75	10.50	9.85	10.00	14.30	13.00	9.75
(11)	16.00	11.90	17.50	20.00	17.00	20.00	25.00	14.00	24.00	16.00	20.00
(12)	16.00	12.55	17.00	17.00	18.00	20.00	25.00	14.00	20.50	16.00	20.00
(13)	.02	.02	.035	.02	.02	.03	.02	.03	.02	.02	.03
(14)	.15	.19	.15	.15	.07	.20	.10	.15	.25	.08	.10
(15)	20	.25	.75	1.00	.70	.50	1.00	1.50	.35	.40	1.00
(16)	.15	.07	.12	.07	.03	.10	.07	.05	.10	.04	.05
(17)	1.00	1.00	1.00	2.00	.70	.50	1.00	.75	.75	.60	2.00
(18)	1.50	1.25	2.00	3.00	.40	1.00	1.00	2.00	.65	1.00	5.00
(19)	.02	.035	.025	.04	.025	.02	.05	.03	.02	.02	.03
(20)	1.00	1.25	1.20	1.00	1.50	1.00	3.00	1.00	.50	.90	1.00

LOS ANGELES—GRADING & PAVING—(City)

LOS ANGELES, Calif. — Warren Southwest, Inc., 2145 E. 25th St., Los Angeles, at \$63,752.19, submitted low bid to L. A. Board of Public Works for grading, paving and otherwise improving Olympic Blvd. between Alley west of Bonnie Brae St. and Hoover St., a Cash Contract.

- The work involves:
 (1) lump sum, grading;
 (2) 88 tons asph. conc. wearing surface, including surf.;
 (3) 5,803 tons asph. conc. base, including surf.;
 (4) 143,961 sq. ft. Warrenite-Bitu-lithic wearing surf., 2 in. thick;
 (5) 15,467 sq. ft. Warrenite-Bitu-lithic wearing surf., variable thickness (average thickness, 2 inches);
 (6) 1,063 sq. ft. rock and oil road-way, 2 inches thick;
 (7) 34,627 sq. ft. stabilized subgrade, 4 inches thick;
 (8) 19,540 sq. ft. conc. pave., 8 in.

- thick, including local depres-sions;
 (9) 1,292 sq. ft. conc. pavement, 6 inches thick;
 (10) 703 lin. ft. monolithic curb;
 (11) 3,330 sq. ft. monolithic sidewalk;
 (12) 3,821 lin. ft. heavy class unplastered curb;
 (13) 858 lin. ft. curb armor;
 (14) 2,575 lin. ft. curb bar;
 (15) 15,180 sq. ft. one course side-walk, 3 inches thick;
 (16) 240 sq. ft. one course sidewalk, 4 inches thick (driveways);
 (17) 400 sq. ft. one course sidewalk, 6 inches thick (driveways);
 (18) 911 sq. ft. conc. gutter, 3 inches thick;
 (19) 618 sq. ft. conc. gutter, 6 inches thick;
 (20) lump sum, storm drain;
 (21) relocation and reconstruction of existing ornamental lighting system;
 (22) installation of ornamental light-

- ing conduit, together with all necessary appurtenances and appurtenant work;
 (23) concrete retaining wall, includ-ing grating, pipes and other ap-purtenances and appurtenant work, but not including pave-ment, curb or walk;
 (24) 131 lin. ft. 4-in. C I soil pipe (roof drains);
 (25) 4 manholes to be reset.
 Total bids follow:
 (A) Warren Southwest, Inc. — \$63,752.19.
 (B) L. A. Paving Co. — \$67,441.88.
 (C) Sanitary Constr. & Engrg. Co. — \$67,574.45.
 (D) Gogo & Rados — \$69,666.02.
 (E) Bebek & Brich — \$69,828.35.
 (F) Radich & Brown — \$69,969.45.
 (G) Griffith Co. — \$71,960.00.
 (H) Tomei Constr. Co. — \$72,521.48.
 (I) Engineer's estimate — \$74,823.11.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	11,200.00	13,000.00	10,000.00	12,500.00	16,100.00	10,850.00	12,500.00	10,000.00	14,200.00
(2)	2.60	3.00	2.85	3.20	2.75	2.85	3.10	3.00	3.30
(3)	2.55	2.90	2.75	3.20	2.45	2.55	2.90	3.00	3.25
(4)	.088	.095	.11	.085	.084	.095	.10	.11	.101
(5)	.09	.095	.11	.085	.084	.096	.10	.11	.101
(6)	.045	.05	.055	.06	.045	.055	.045	.05	.05
(7)	.06	.055	.06	.065	.066	.0685	.07	.07	.07
(8)	.185	.197	.22	.22	.22	.30	.215	.225	.185
(9)	.146	.15	.18	.16	.17	.18	.18	.18	.15
(10)	1.00	1.00	.60	.70	1.25	.90	.95	.50	1.25
(11)	.18	.17	.19	.16	.20	.165	.21	.20	.20
(12)	.40	.45	.85	.50	.50	.53	.45	.50	.55
(13)	1.20	1.20	1.15	1.15	1.20	1.13	1.25	1.20	1.25
(14)	.19	.22	.30	.22	.25	.22	.25	.25	.25
(15)	.11	.12	.15	.12	.10	.12	.11	1.25	.11
(16)	.15	.15	.16	.16	.15	.15	.15	.16	.16
(17)	.18	.20	.18	.18	.20	.20	.20	.20	.20
(18)	.25	.27	.27	.30	.30	.35	.25	.25	.24
(19)	.22	.25	.22	.25	.25	.22	.21	.22	.20
(20)	9,200.00	7,530.00	6,000.00	9,000.00	10,000.00	10,853.00	10,200.00	11,198.84	9,600.00
(21)	275.00	300.00	350.00	300.00	260.00	350.00	280.00	360.00	300.00
(22)	1,350.00	1,500.00	1,400.00	1,450.00	1,275.00	1,625.00	1,400.00	1,400.00	1,537.00
(23)	60.00	60.00	350.00	250.00	100.00	75.00	400.00	100.00	75.00
(24)	50.00	40.00	115.00	75.00	50.00	60.00	150.00	65.50	40.00
(25)	110.00	30.00	115.00	20.00	150.00	250.00	135.00	100.00	40.00

KERN COUNTY—GRADING & SURFACING—(State)

KERN CO., Calif.—G. W. Ellis, 8240 Lankershin Blvd., North Hollywood, at \$53,084.30, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and placing plant-mix surfacing on about 8.3 miles between southerly boundary and five miles north of Rosamond, Kern Co.

- The work involves:
 (1) 830 M. gals. water;
 (2) 17 c.y. remove concrete;
 (3) 3,070 c.y. salvaged surf. base;
 (4) 6,620 c.y. rdwy. excav., unclass.;
 (5) 7,720 c.y. ditch and channel excavation;
 (6) 150 c.y. struc. excav.;
 (7) 21,200 c.y. imported borrow;
 (8) 440 sta. finishing rdwy.;

- (9) 110,000 sq. yds. asphaltic paint binder;
 (10) 17,800 tons mineral aggregate plant mix surf.;
 (11) 1,060 tons liquid asph. ROMC-3, 4, or 5 (plant-mix surf.);
 (12) 10 c.y. Class A portland cement concrete struc.;

- (D) Basich Bros., Torrance — \$64,922.30.
 (E) Griffith Co., Los Angeles — \$65,150.70.
 (F) R. E. Hazard & Sons, San Diego — \$66,129.00.
 (G) Gibbons & Reed Co., Burbank — \$67,910.95.
 (H) George R. Curtis Paving Co., Los Angeles — \$70,892.10.
 (I) Piazza & Huntley, San Jose — \$71,871.00.
 (J) Hanrahan Co., San Francisco — \$91,180.00.
 (K) C. O. Sparks & Mundo Engineering Co., Los Angeles — \$99,609.00.
 (L) Los Angeles Paving Co., Los Angeles — \$119,772.65.

- (13) 280 lbs. bar reinf. steel;
 (14) 54 lf. 18-in. CMP;
 (15) 108 lf. 24-in. CMP;
 (16) 98 each culvert markers.
 Total bids follow:
 (A) G. W. Ellis, 8240 Lankershin Blvd., North Hollywood — \$53,084.30.
 (B) V. R. Dennis Constr. Co., San Diego — \$59,912.50.
 (C) Claude Fisher Co., Ltd., Los Angeles — \$64,893.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$1.00	\$1.00	\$2.75	\$2.50	\$2.20	\$1.75	\$1.75	\$2.50	\$2.00	\$1.50	\$3.00	\$2.80
(2)	5.00	2.50	10.00	2.50	5.50	2.50	4.50	3.00	3.50	5.00	4.00	2.25
(3)	.40	.23	.70	.50	.47	.40	.65	.39	.37	.40	.50	1.75
(4)	.20	.26	.25	.40	.43	.50	.55	.32	.21	.35	.40	.55
(5)	.25	.26	.25	.45	.58	.35	.27	.26	1.00	.35	.50	.95
(6)	1.00	1.25	1.50	1.25	1.30	1.25	.90	1.00	1.00	1.25	1.50	1.20
(7)	.35	.37	.55	.50	.42	.50	.50	.54	.45	.50	.80	.85
(8)	4.00	7.25	2.50	10.00	3.00	5.00	6.00	2.40	5.50	8.00	10.00	4.50
(9)	.02	.02	.01	.0125	.013	.025	.02	.018	.01	.015	.03	.01
(10)	1.20	1.60	1.40	1.20	1.41	1.40	1.40	1.84	1.56	2.50	2.50	3.10
(11)	12.50	10.00	12.00	13.00	13.40	13.00	14.50	12.50	14.50	19.00	15.00	14.00
(12)	25.00	30.00	40.00	27.00	31.00	30.00	20.00	24.00	30.00	40.00	35.00	23.00
(13)	.06	.10	.10	.08	.07	.10	.06	.10	.08	.10	.15	.11
(14)	1.50	2.00	2.00	2.40	1.90	1.25	2.20	1.80	2.00	2.00	3.00	2.00
(15)	2.00	3.00	3.00	2.60	2.85	2.50	3.15	2.40	3.00	3.00	3.50	3.00
(16)	2.00	2.00	3.00	2.50	2.30	3.00	2.00	2.40	3.00	1.50	3.00	3.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until April 27, 10 A. M., bids will be received by the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, San Francisco, under Bid No. 6616-38-15, for furnishing two steam driven, boiler feed pumps; job Power House, Letterman General Hospital, Presidio of San Francisco.

FORT MASON, Calif.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

APRIL 21, 9:30 A. M.:

BID NO. 928-38-310: Oak, Douglas fir, Ponderosa pine and White pine lumber; job Fort Mason, San Francisco.

APRIL 22, 2:00 P. M.:

BID NO. 928-32-208: Wrought iron, welded pipe, pipe fittings, hardware, enamel, paint and thinner; job Fort Mason.

APRIL 22, 10 A. M.:

BID NO. 928-38-306: 5000 lbs. flat, nailless strapping; job Fort Mason.

FORT MASON, Cal.—Until April 21, 2 p. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-305, for furnishing 648 brush handles; f.o.b. Warehouse No. 3, Presidio of San Francisco.

FORT MASON, Cal.—Until April 22, 10:30 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-309, for furnishing case assembly for 6-ton field servicing truck and axle assembly for 1½-ton dump truck; f.o.b. Motor Warehouse No. 6, Presidio of San Francisco.

FORT McDOWELL, Calif.—Until April 26, 2 p. m., bids will be received by the Purchasing and Contracting Office, Fort McDowell, under Bid No. QM-536-3B-23, for furnishing linseed oil, turpentine, varnish, putty, nails, Oregon pine, Oak lumber, steel reinforcing bars, traps, bushings, elbows, bolts, pipe and Portland cement; f.o.b. shipping point and/or Dock No. 1, Fort Mason, Cal.

SAN FRANCISCO.—Until April 19, 3 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-125, for furnishing miscellaneous kitchen equipment; f.o.b. U. S. Storehouse, Presidio of San Francisco.

SAN FRANCISCO.—Until April 19, 3 P. M., (date postponed from April 12), bids will be received by the U. S. Engineer Office, 401 Custom House San Francisco, under Sale No. 12, for the sale of one steam locomotive and five flat cars. Equipment is located at Humboldt Bay, Eureka, where it may be seen by interested persons.

SAN FRANCISCO.—Until April 19, 3 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom

House, San Francisco, under Bid No. 868-38-12, for furnishing misc. auxiliary lighting equipment, torches, and firepots; f.o.b. U. S. Storehouse, Presidio of San Francisco, foot of Marina Blvd., San Francisco.

FORT McDOWELL, Calif.—Until April 25, 2 p. m., bids will be received by the Purchasing and Contracting Office, Fort McDowell, Calif., under Bid No. QM-536-38-24, for furnishing one gasoline engine operated concrete mixer of 7 cu. ft. capacity, trailer type, equipped with pneumatic tires; f.o.b. Dock No. 1, Fort Mason, Calif.

SACRAMENTO, Calif.—Until April 21, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-247, for furnishing fire hose, nozzles, angle hose valve, closets, faucets, galvanized pipe, floor plates and stovestack paint; job Rio Vista.

FORT MASON, Calif.—Until April 26, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-313, for furnishing paint and varnish remover, alcohol, varnish, aluminum-pigment paint and softwood, Douglas fir lumber; job Fort Mason.

FORT MASON, Calif.—Until April 26, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-314, for furnishing one bench scale, 310 feet iron chain, metallic caskets and aluminum paint; job Fort Mason, San Francisco.

FORT LEWIS, Wash.—Until April 21, 10 A. M., bids will be received by the Quartermaster, Fort Lewis, under Bid No. 488-38-57, for furnishing miscellaneous hardware, including paint brushes, wire brushes, chains, checks, clamps, jacks, nails, locks, grinding wheels and wire; job Fort Lewis.

FORT LEWIS, Wash.—Until April 19, 11 A. M., bids will be received by the Quartermaster, Fort Lewis, under Bid No. 488-38-56, for furnishing miscellaneous plumbing materials and concrete blocks; job Fort Lewis.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

April 20, 10:00 A. M.

BID NO. 5263—17 squares of roof tile, f.o.b. Buttonwillow; and 20 squares, f.o.b. Arvin, Cal.

April 21, 10:00 A. M.

BID NO. 5264—Steel reinforcing bars; f.o.b. Werner Hill, one mile south of Watsonville Junction, Cal.

SAN FRANCISCO.—Until April 20, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5245, for rental of one tractor, not less than 48-hp., crawler type with angledozer; job Eureka.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 22, 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, San Francisco, under Bid No. 1989, for furnishing and delivering artificial cast stone work and ornamental cast plaster for West Portal Library.

Plans and specifications may be obtained from the above office.

SAN FRANCISCO.—Until April 25, 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, San Francisco, under Bid No. 1987, for furnishing 240 gross tons of 70-lb. tee rail and 250 pairs of joint plates for the municipal railway.

Plans and specifications may be obtained from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

April 20, 2:00 P. M.

BID NO. 5569—3000 feet hoisting rope; f.o.b. shipping point and/or Government Island, Cal.

LOS ANGELES, Cal.—Until April 25, 2 p. m., bids will be received by U. S. Forest Service, Los Angeles, for 200 only 20-ft. full length treated Douglas fir or southern pine poles, class 6, f.o.b. bidder's shipping point and/or delivered to Arcadia; Bid 1800.

CANAL ZONE

PANAMA CANAL.—Until April 25, 10:30 A. M., bids will be received by General Purchasing Officer, Washington, D. C., under Sched. No. 3347, for furnishing miscellaneous supplies and materials, including:

Structural steel, steel plates, sheets and bars, welded steel pipe, seamless copper tubing, seamless brass tubing, copper track bonds, license tags, brass screws, tackle blocks, chain hoist, paint pots, chain shackles, rim door locks, hinges, power cable, electric motors, industrial-control relays, control gaps, cartridge-type resistors, cable-joint insulators, porcelain wireholders, outlet boxes, glass light reflectors, dry cells, tin-lead wire solder, strip silver solder, goggles, manila rope, water and pneumatic hose, cotton maps, laundry soap, and paper; job Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF \$160: 1432 Ward, Berkeley; owner, J. C. King, berkeley-contractor, American Roofing Co., 383 40th St., Oakland.

ALTERATIONS, \$95: 829 Bancroft Way, Berkeley; owner, Berkeley Pump Corp., premises; contractor, O. F. Lyon, 2303 Spaulding.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



FRANCIS
PUBLIC LIBRARY
MEDICAL DEPT.

\$750,322 Low Bids on State
Road Jobs

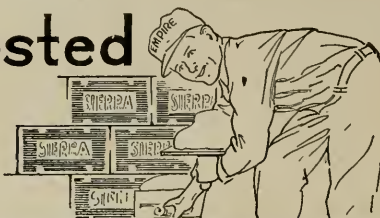
♦ ♦ ♦

Stolte Bids \$71,360 on Oakland School

♦ ♦ ♦

Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO
COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, Editor

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., APRIL 23, 1938

No. 17

STATE OPENS BIDS ON FOUR HIGHWAY JOBS

Jones & King, Sparks & Mundo, Poulos & McEwen Bid Contracts

SACRAMENTO, April 20.—Low bids aggregating more than three-quarters of a million dollars were submitted to the State Division of Highways here today on four major projects, located in Santa Clara Lassen, Mendocino and Santa Barbara counties.

On the largest of the day's jobs, Jones & King, Hayward, submitted a low bid of \$282,703. The contract covers grading and paving 10.9 miles between Coyote and Llagas Creek and construction of a reinforced concrete bridge in Santa Clara county.

Total bids on the Santa Clara contract were:

Jones & King	\$282,703
Hanrahan Co., S. F.	309,962
Union Paving Co., S. F.	332,599
Griffith Co., L. A.	354,535
A. J. Raisch, San Jose	359,265
Chas. L. Harney, S. F.	387,377

For constructing four bridges and grading and paving 2.9 miles in Santa Barbara county, C. O. Sparks & Mundo Engineering Co., Los Angeles, submitted a low proposal of \$278,535.

Total bids were:

C. O. Sparks and Mundo Engineering Co.	\$278,535
Claude Fisher Co., L. A.	280,633
J. E. Haddock, Ltd., Pasadena	285,923
Griffith Co., L. A.	291,028
Fredericksen & Westbrook, Lower Lake	293,425
Macco Const. Co., Clearwater	299,709

United Concrete Pipe Corp., Los Angeles

308,684
Poulos & McEwen, Sacramento, at \$106,534 were low bidders for grading and surfacing about 10.4 miles in Lassen county between Nubieper and 8.5 miles northeast of Bieber. Total bids on this contract were as follows:

Poulos & McEwen	\$106,534
J. A. Casson, Hayward	116,055
C. C. Wood, Stockton	127,817
Larson Brothers & Harms Bros., Sacramento	134,808

SAN DIEGO WORK AWARDED TO RYAN

SACRAMENTO, Apr. 18.—David H. Ryan, San Diego, at \$339,886.07, today was awarded the contract for grading and paving with Portland cement concrete about 9.7 miles of highway between Barnett Ave. and Miramar Road in San Diego by Director Earl Lee Kelly of the State Department of Public Works.

Due to an irregularity in Ryan's bid, the award of contract was held up pending an opinion by Attorney General U. S. Webb. In his opinion, Mr. Webb said that although there was an irregularity in the bid he saw no reason why the contract should not be awarded to Ryan since the contractor had shown good faith in the matter.

Hanrahan Co., S. F.	151,989
Pacific States Const. Co., San Francisco	157,943
Union Paving Co., S. F.	162,391

Poulos & McEwen likewise submitted the low bid on the fourth contract of the day, for grading and surfacing 1.5 miles in Mendocino county. The firm's low proposal was \$82,550. Total bids follow:

Poulos & McEwen	\$82,550
C. W. Caletti & Co., San Rafael	89,788
Chas. L. Harney, S. F.	90,199
Young & Son Co., Ltd., Berkeley	91,411
N. M. Ball Sons, Berkeley ..	94,838
Hemstreet & Bell, Marysville	97,255
Fredericksen & Westbrook, Lower Lake	98,817

SOIL MECHANICS OUTLINE PLANNED

The soil mechanics committee of the Structural Engineers Association of Northern California, under Chairman T. P. Dresser, has prepared a brief outline covering developments in soil mechanics with the aim of publishing it for members. Emphasis is being placed on classification of soils. Several papers have been submitted for study.

STOLTE LOW FOR OAKLAND SCHOOL RECONSTRUCTION

Alameda Firm Submits \$71,360 Low Proposal on Eastbay Project

F. C. Stolte Co., 1450 San Antonio avenue, Alameda, yesterday submitted the lowest of eight bids to the Oakland School District for reconstruction of the Golden Gate School.

Amount of the low proposal was \$71,360.

The school, located at 63rd street and San Pablo avenue, is a wood-frame and stucco structure. Plans for the reconstruction job were prepared by Architect W. G. Corlett of Oakland.

Complete basic bids on the contract were as follows:

F. C. Stolte Co., Alameda	\$71,360
Peter Sartorio, S. F.	79,825
C. N. Swenson Co., San Jose ..	83,222
N. H. Sjoberg & Son, Oakland	84,449
C. L. Wold Const. Co., S. F.	87,776
Monson Bros., S. F.	88,283
A. Nelson, Inc., S. F.	88,888
Fred J. Early, Jr., S. F.	90,378

Bids were taken under advisement by the school board. The project is one in a series of jobs involving reconstruction of Oakland schools to bring them up to modern standards.

MERCHANDISE MANUAL FOR LUMBER DEALERS

DeWalt Products Corporation, Lancaster, Pennsylvania, Manufacturers of woodworking machinery, announces the publication of a folio entitled: "Merchandising Manual for the Retail Lumber Dealer."

The theme of the manual, according to the publisher, is how to obtain more profit and greater volume resulting from good will thru supplying custom cut lumber. The copies of the manual will be sent free to retail lumbermen upon request to the above address.

Japan's exhibit at the 1939 World's Fair of the West, opening next February 18, will cost approximately \$330,000.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
943	Casey	Little	4000
944	Coffey	Jacks	8000
945	Galli	Owner	3750
946	Hallgren	Owner	3500
947	McCarthy	Aetna	3000
948-50	Rousseau	Owner	6000
951	Rousseau	Owner	7000
952	Shannon	Wagner	3500
953	Stoneson	Yoynan	6000
954	Bernhelm	Owner	1000
955	Carlson	Miller	6950
956	Christo	Owner	3450
957	Esterling	Owner	3450
958	Haase	Tait	1500
959	Merrill	Thulin	2000
960	Schwartz	Owner	3000
961	Wilson	Miller	2500
962	Carlson	Owner	3800
963-70	Christensen	Owner	1000
971	Fulbert	Owner	4000
972	Fiao	Huengardt	6000
973	Head	Anderson	8000
974	Isis	Jones	2000
975	Kenyon	Beck	6000
976	Lindquist	Owner	4000
977	Restano	Horstmeyer	1300
978	Sabini	Owner	3000
979-94	Stoneson	Owner	3500
985	Stoneson	Owner	5500
986-7	Struthers	Owner	3000
988	Weber	Owner	2000
989	Barber	Owner	2800
1000	Bernhardt	Owner	3000
1001	Greenberg	Owner	4300
1002	Masonic Hall	Rahlan	1000
1003	Moto Cristo	Oliva	1850
1004	Sutter-Mtgy.	Dinwiddie	3000
1005-6	Anderson	Owner	3900
1007	Baker	Owner	3500
1008	Judd	Early	1000
1009	Marston	Early	4000
1010	Yates	Johnson	6000

DWELLING

(943) SE NEWHALL, 50 SW HUDSON. One-story and basement frame dwelling.

Owner—Dennis Casey, c/o Contractor.
Contractor—A. Little Co., 107 24th Ave.
Architect — Albert H. Larsen, 333 Kearny St. \$4000

ALTERATIONS

(944) 876 FRANCISCO. Alter dwelling.
Owner—E. M. Cofer, c/o Contractor.
Contractor—Jacks & Irvine, 620 Market St.
Architect—Lightner & Hyman, 68 Post St. \$8,000

DWELLINGS (11)

(945) W. 22ND AVE., 25-50-75-125-150-100-175-200 FT ON ORTEGA. (\$3,500 each). E. 22ND AVE., 125-150-175 N ORTEGA. (\$3,750 each.) Eleven one - story and basement frame dwellings.
Owner—R. F. Galli, 377 West Portal Ave.
Architect—E. H. Denke, 1317 Hyde St.

DWELLING

(946) E. 25TH AVE., 225 S MORAGA. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave.
Architect—Not Given. \$3500

DWELLING

(947) N. GRAFTON, 50 W MIRAMAR. One-story and basement frame dwelling.
Owner—The McCarthy Co., 333 Kearny St.

Contractor—Aetna Constr. Co., 1730 24th Ave.
Architect—Not Given. \$3000

FRAME FLATS

(948) S. TURK, 75 E. TEMESCAL. One-story and basement frame flats.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

FRAME FLATS

(949) S. TURK, 50 E TEMESCAL. Two-story and basement frame flats.
Owner — Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

FRAME FLATS

(950) S. TURK, 25 E TEMESCAL. Two-story and basement frame flats.
Owner — Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$6000

FRAME FLATS

(951) SE TURK AND TEMESCAL. Two-story and basement frame flats.
Owner — Oliver M. Rousseau, 321 Kearny St.
Architect — Not Given. \$7000

DWELLING

(952) SE JARBOE AND PUTNAM. One-story and basement frame dwelling.
Owner—Frank Shannon, 901 Jarboe Street.
Contractor—R. Wagner, 1754 Ninth Ave.
Architect—Not Given. \$3500

DWELLING

(953) E. 19TH AVE., 517 S SLOAT BLVD. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5000

ALTERATIONS

(954) 1499 SUTTER ST. Alter hotel.
Owner—Jules H. Bernheim, 1430 Van Ness Ave.
Contractor—S. Yoynan, 196 Irvington St.

ALTERATIONS

(955) 381 CORBETT AVE. Alter dwelling.
Owner—Jesse Carlson, Prem.
Architect—Not Given. \$1000

DWELLING

(956) SE VILLA, 172 E PEMBERTON. Two-story and basement frame dwelling.
Owner—Geo. J. Christo, c/o Contractor.
Contractor—Miller Constr. Co., 3917 Mission St.
Architect—Masten & Hurd, 442 Post St. \$6950

DWELLING

(957) E. BEVERLY, 400 N GARFIELD. One-story and basement frame dwelling.
Owner—Laurence H. Esterling, 2300 Bay St.
Architect—W. D. Peugh, 333 Montgomery St. \$3400

DWELLING

(958) 1333 PORTOLA DRIVE. Alter dwelling.

Owner—Thes. Haase, Prem.
Contractor—W. C. Tait, 883 Market St.
Architect—Not Given. \$1500

ALTERATIONS

(959) 955-57 VAN NESS AVE. SO. Alter flats.
Owner—Emma L. Merrill, c/o Contractor.
Contractor—A. L. Thulin, 63 Brady St.
Architect—Not Given. \$2000

DWELLING

(960) W. 46TH AVE., 75 N RIVERA. Two-story and basement frame dwelling.
Owner—S. A. Schwartz, 305 Grant Ave.
Architect—Not Given. \$3000

ALTERATIONS

(961) 1427 19TH AVE. Alter dwelling.
Owner—Irving Wilson, Prem.
Contractor—Miller & McGillis, 4444 Geary Blvd.
Architect—Not Given. \$2500

DWELLING

(962) E HAMILTON 150 N BURROWS. One - story frame dwelling.
Owner and Builder—C. A. Carlson, 1225 York.
Architect—E. K. Dobkowitz, 425 Monterey Blvd. \$3,800

DWELLING

(963) E 48th AVE., 25 N Anza St. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(964) E 48th AVENUE 50 N Anza. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(965) E 48th AVENUE 75 N Anza. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(966) E 48th AVENUE 100 N Anza. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(967) E 48th AVENUE 125 N Anza. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(968) E 48th AVENUE 150 N Anza. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(969) E 48th AVENUE 175 N Anza. One-story frame dwelling.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (970) E 48th AVENUE 200 N Anza.
 One-story frame dwelling.
 Owner and Builder—Herman Christensen, 1801 19th Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

ALTERATIONS
 (971) 360 LAKE ST. Alter apts.
 Owner—B. Fibert, 360 Lake Street.
 Architect—Not Given. \$1,000

DWELLING
 (972) E WESTGATE 50 N Upland.
 One-story frame dwelling.
 Owner—S. E. Flao, 74 Allston Way.
 Contractor—D. G. Huengardt, 2179 35th Avenue.
 Architect—Not Given. \$6,000

DWELLING
 (973) S SAN JACINTO 308 E Santa Paula. Two-story frame dwelling.
 Owner—Ralph A. Head, 398 West Portal Ave.
 Contractor—A. Frederick Anderson, Oakland.
 Architect—Miller & Warnecke, Financial Center Bldg., Oakland. \$8000

ALTERATIONS
 (974) GOLDEN GATE AVENUE and Market Street.
 Owner—Isis Securities Co. San Christina Building.
 Contractor—Paul K. Jones, 666 Mission Street.
 Architect—G. A. Dailey, 210 Post St.
 Engineer—W. L. Huber, 1 Montgomery Street. \$2,000

DWELLING
 (975) E 33rd AVE. 250 S Clement St.
 One-story frame dwelling.
 Owner—Edith H. Kenyon, 7045 Geary.
 Contractor—John Beck, 1600 12th Avenue.
 Architect—Not Given. \$6,000

DWELLING
 (976) W BEVERLY 290 S Holloway.
 One-story frame dwelling.
 Owner and Builder—Chas. W. Lindquist, 275 Drake.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

ALTERATIONS
 (977) 4121 18th ST. Alter stores.
 Owner—Jos. Restano, premises.
 Contractor—W. Horstmeyer, 31 Ord.
 Architect—Not Given. \$1,300

ALTERATIONS
 (978) 327-A GREEN ST. Alter apts.
 Owner and Contractor—R. Sabini, 550 Green Street.
 Architect—John J. Foley, 770 Fifth Avenue. \$3,000

(979-994) W ALEMANY 278, 304, 230 356 SW Mt Vernon; SE Rome and Mt Vernon; SE Rome and Ottawa; NE Ottawa and Alemany; SE Cayuga 79, 104, 129, 155, 179, 204, 229, 254, 279 SW Mt. Vernon. Sixteen 1-story frame dwellings.
 Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
 Architect—Not Given. \$3,500

DWELLING
 (995) E BEACHMONT 417 S Sloat.
 One-story frame dwelling.
 Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
 Architect—Not Given. \$5,500

DWELLING
 (996) W SANTA FE 190 S Silver
 One-story frame dwelling.
 Owner & Builder—Marshall T. Struthers, 4250 Mission Street.
 Architect—Not Given. \$3,000

DWELLING
 (997) W SANTA FE 216 S Silver.
 One-story frame dwelling.
 Owner & Builder—Marshall T. Struthers, 4250 Mission Street.
 Architect—Not Given. \$3,000

ALTERATIONS
 (998) 2445 POST ST. Alter dwelling.
 Owner and Contractor—G. Weber, 1548 Fillmore Street.
 Architect—Not Given. \$2,000

DWELLING
 (999) N ARLINGTON, 233 W OF WILDER. One-story frame dwelling.
 Owner—H. Barber, 225 College.
 Architect—Not Given. \$2,800

DWELLING
 (1000) W. 14TH AVE., 75 S RIVERA. One-story frame dwelling.
 Owner—Albert Bernhardt, 2406 22nd Ave.
 Architect—Donnell E. Jaekle, 126 Post St. \$3,000

DWELLING
 (1001) W. 7TH AVE., 86 N MORAGA. One-story frame dwelling.
 Owner—Chas. Greenberg, 3118 23rd St.
 Architect—Not Given. \$4,300

ALTERATIONS
 (1002) E 3RD ST., 100 N OAKDALE. Alter lodge hall.
 Owner—Masonic Hall Assn. of S. F., Prem.
 Contractor—H. E. Rahlmann, 251 Kearny.
 Architect—Not Given. \$1,000

ALTERATIONS
 (1003) 136 MISSOURI. Alter club.
 Owner—Monte Cristo Club, Prem.
 Contractor—Victor Oliva, 927 Hampshire.
 Architect—Not Given. \$1,850

ALTERATIONS
 (1004) 111 SUTTER. Alter offices.
 Owner—Sutter-Montgomery Bldg. Co., Prem.
 Contractor—Dinwiddle Constr. Co., 210 Crocker Bldg.
 Architect—Not Given. \$3,000

DWELLING
 (1005) E 17th AVE. 100 N Wawona.
 One-story frame dwelling.
 Owner and Builder—S. R. Anderson, 1433 Seventh Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$3,900

DWELLING
 (1006) E 17th AVE. 125 N Wawona.
 One-story frame dwelling.
 Owner and Builder—S. R. Anderson, 1433 Seventh Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$3,900

DWELLING
 (1007) W 46th AVE. 175 N Rivera.
 One-story frame dwelling.
 Owner and Builder—Lin Baker, 1250 Masonic Avenue.
 Architect—Not Given. \$3,500

ALTERATIONS
 (1008) 1938 BAKER ST. Alter dwelling.
 Owner—J. W. Judd, 1938 Baker St.
 Contractor—Fred J. Early, Jr., 369 Pine Street. \$1,000

ALTERATIONS
 (1009) 760 FOLSOM ST. Alter office.
 Owner—Mrs. Sybil Marston, c/o contractor.
 Contractor—Fred J. Early, Jr., 369 Pine Street.
 Architect—Geo. M. Cantrell, 325 Fremont Street. \$4,000

OFFICE & SHOP
 (1010) N 17th ST. 75 W Bryant St.
 One-story Class C office & shop.
 Owner—G. R. and E. T. Yates, c/o Contractor.
 Contractor—Louis Johnson, 666 Mission Street.
 Engineer—H. A. Emmrich, 1280 Indiana St. \$6,000

ALAMEDA COUNTY			
No. Owner	Contractor	Amt.	
754	Brown	Amer. Rig.	1538
755	Mann	Murphy	1500
756	Zollner	Brennan	4000
757	Callif Pack.	Owner	1000
758	Pond	Owner	4000
759	Thompson	Anloff	5800
760	Zollner	Owner	7000
761	Bell	Haskell	8245
762	Wright	McDuffie	3500
763	Boyd	Owner	6500
764	Clifford	Hugo	3600
765	Davie	Bertelsen	4650
766	Hill	Hill & Son	4000
767	Munro	Christensen	3500
768-9	Noland	Nelson	2000
970	Chambers	Dodds	7000
971	Dietz	Owner	8000
972	Justice	Owner	3000
973	Nelson	Anderson	4500
974	Noble	Pierce	4500
975	Svane	Parks	8000
976	Belgrano	Moore	13000
977	Eorrtman	Nicholson	15000
978	Collins	Pereira	3400
979	Greigaire	G. & M. Fixture	1000
980	Graff	Nicholson	13613
981	Herrick	Herrick	3000
982	Kyne	Johnson	2000
983	Meek	Owner	4500
984	Correa	Vaughr.	1000
985	Hamburger	Flagg	4000
986	Marshall	Johnson	1490
987	Olsen	Fickett	9750
988	Weigmann	Hayward	3300
989	Bonds	Owner	4000
990	Confer	Owner	1500
991	Gould	Owner	3000
992	Blabon	Owner	2700
993	Bldrs Emp	Johnson	3000
994	Cline	Beckett	1950
995	Dixon	Independence	2000
996	Farris	Van Ness	3500
997	Fleming	Owner	5500
998	Freitas	Davies	3500
999	Oletzky	Owner	3300
1000	Ross	Goniatz	1100
1001	Scherman	Spivock	4000
1002	Schoettler	Hill	7500
1003	Shannan	Tait	1000
1004	Sindahl	Dowling	4000

ALTERATIONS
 (754) 1528 ASHBY, BERKELEY.
 Alterations.
 Owner—Chas. Brown, Prem.
 Contractor—Amer. Roofing Co., 383 40th St., Oakland.
 Architect—Not Given. \$1538

DWELLING
 (755) 1204 NEILSON, BERKELEY.
 One-story 3-room frame dwelling.
 Owner—Mrs. F. Mann, 1206 Neilson.
 Contractor—W. M. J. Murphy, 1029 Pomona.
 Architect—W. J. Murphy. \$1500

DWELLING
 (756) 1502 NORTH ST., BERKELEY. Dwelling.
 Owner—E. P. Zollner, 376 17th St., Oakland.
 Contractor—J. P. Brennan, 376 17th St., Oakland.
 Architect—C. Trelchel, 696 Cleveland St., Oakland. \$4000

ALTERATIONS
 (757) 1071 29TH AVE., OAKLAND.
 Alterations.
 Owner & Builder—California Packing Corp., 101 California St., San Francisco.
 Architect—Not Given. \$1000

DWELLING
(758) 3524 66TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Josephine K. Pond, 1056 Ardmore Ave.
Contractor—C. P. Pond, 1056 Ardmore Ave.
Architect—Not Given. \$4000

DWELLING
(759) 45 SHERIDAN ROAD, OAKLAND. One-story 5-room dwelling.
Owner—Geo. Thomson, Prem.
Contractor—E. A. Anloff, 748 Grosvenor Place.
Architect—Not Given. \$5800

DWELLING
(760) 5265 HARBORD DR., OAKLAND. Two-story 7-room dwelling.
Owner & Builder—Folke Wallin, 7529 Outlook Ave.
Architect—Not Given. \$7000

DWELLING
(761) 40 DELAWARE, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—Mrs. Elizabeth Bell, 10826 Beverly Ave., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.
Architect—P. V. Tuttle, 3718 Grand Ave., Oakland. \$8245

ALTERATIONS
(762) 1081 MARIPOSA, BERKELEY. Alterations.
Owner—Marie E. Wright, Prem.
Contractor—Mason-McDuffie, 2101 Shattuck.
Architect—Not Given. \$3500

(763) 22 SONIA ST., OAKLAND. Two-story 6-room dwelling.
Owner & Builder—Robert D. and Alice E. Boyd, 364 62nd St.
Architect—F. H. Slocombe, Monte Cresta Ave. \$6500

DWELLING
(764) 10806 BEVERLY AVE., OAKLAND. One-story 5-room dwelling.
Owner—M. R. Clifford, 3739 Foothill Blvd.
Contractor—Albert Hugo, 935 Santa Clara Ave., Alameda.
Also 1-story garage, \$250.
Architect—Not Given. \$3600

DWELLING
(765) 3101 SHEFFIELD ST., OAKLAND. One-story 5-room dwelling.
Owner—H. A. Davie, Prem.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.
Architect—Not Given. \$4950

DWELLING
(766) 2162 109TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—R. Hill, 880 St. Marys Ave., San Leandro.
Contractor—R. Hill & Son, 880 St. Marys Ave., San Leandro.
Architect—Not Given. \$4000

ALTERATIONS
(767) 582 19TH ST., OAKLAND. Alterations.
Owner—J. A. Munro Estate, 670 Oakland Ave.
Contractor—H. J. Christensen Co., 1955 Webster St.
Architect—Alben Froberg, 1955 Webster St. \$3500

DWELLING
(768) 6201 VALLEY VIEW ROAD, OAKLAND. One-story 4-room dwelling.
Owner—Frank Noland, Oakland.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$2000

DWELLING
(769) 6211 VALLEY VIEW ROAD, OAKLAND. One-story 4-room dwelling.
Owner—Frank Noland, Oakland.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$2000

DWELLING
(970) 1280 CAROLINE ST., ALAMEDA. One and one-half story 6-room dwelling.
Owner—Frank D. Chambers, 1428 Franklin St., Oakland.
Contractor—Dodds & Chambers, 1428 Franklin St., Oakland.
Architect—Not Given. \$7000

DWELLING
(971) 2935 SOUTHWOOD DRIVE, ALAMEDA. Additional cost of dwelling.
Owner—Frank Dietz, 2935 Southwood Drive, Alameda.
Architect—Not Given. \$8000

DWELLING
(972) 2704 OTIS DRIVE, ALAMEDA. One-story 5-room dwelling.
Owner & Builder—N. F. Justice, 2206 Clinton Ave., Alameda.
Architect—Not Given. \$3000

DWELLING
(973) 2715 OTIS DRIVE, ALAMEDA. One-story 5-room dwelling.
Owner—Ora Nelson, 3225 Central Avenue, Alameda.
Contractor—Walter Anderson, 1014 Doris Court, Alameda.
Architect—Not Given. \$4500

DWELLING
(974) 907 DELMAS ST., ALAMEDA. Two-story 6-room dwelling.
Owner—George L. Noble, Middleton, Calif.
Contractor—J. Ralph Peirce, 3942 Woodruff Ave., Oakland.
Architect—Not Given. \$4500

DWELLING
(975) 625 SAN LUIS RD., BERKELEY. One-story 7-room frame dwelling and garage.
Owner—S. G. Svane, 2351 Virginia.
Contractor—R. H. Parks, 688 Grizzly Peak Blvd.
Architect—E. L. Snyder, 2104 Addition. \$8000

ADDITION
(976) 751 E. 8TH ST., OAKLAND. One-story brick addition.
Owner—Mrs. Frank Belgrano, Prem.
Contractor—The John J. Moore Co., 354 Hobart St.
Architect—R. H. Cooley, 354 Hobart St. \$11,000

ADDITION
(977) 25-29 EIGHTH ST., OAKLAND. Steel addition.
Owner—Geo. R. Borman Steel Co., 8th and Fallon Sts.
Contractor—D. W. Nicholson, 357 12th St.
Architect—W. G. Corlett, Bank of America Bldg. \$15,000

DWELLING
(978) 5453 HOLLAND ST., OAKLAND. One-story 5-room dwelling.
Owner—J. I. Collins, 1439 55th Ave.
Contractor—Quirino V. Pereira, 3301 Columbian Dr.
Also 1-story garage, \$300.
Architect—Not Given. \$3400

ALTERATIONS
(979) 3255 LAKESHORE AVENUE, OAKLAND. Alterations.
Owner—C. M. Gregoire and J. Mantover, Prem.
Contractor—G. & M. Fixture Mfg. Co., 1430 14th Ave.
Architect—Not Given. \$1000

DWELLING
(980) 5814 MARGARIDO DR., OAKLAND. Two-story 6-room dwelling.
Owner—Leo C. Graff, 757 Longridge Road.
Contractor—D. W. Nicholson, 357 12th St.
Architect—Miller & Warneck, 1700 Financial Center Bldg. \$13,613

ADDITIONS
(981) 1715 CAMPBELL ST., OAKLAND. Steel additions and alterations.
Owner—Stephen S. Herrick, 1734 Campbell St.
Contractor—Herrick Iron Works, 1734 Campbell St.
Architect—Not Given. \$3000

ALTERATIONS
(982) 348 GRAND AVE., OAKLAND. Alterations.
Owner—J. Kyne and C. Coakley, 348 Grand Ave.
Contractor—R. F. Johnson & Son, 560 36th St.
Architect—Not Given. \$2000

DWELLING
(983) 3432 SIMMONS ST., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Jacob Meek, 1455 15th Ave., San Leandro.
Architect—Not Given. \$4500

ADDITION
(984) 4547 PARK BLVD., OAKLAND. Addition.
Owner—Frank Corra, premises.
Contractor—Wiley T. Vaughn, 103 Bayo Vista Ave., Oakland.
Architect—Not Given. \$1,000

(985) 3378 HERRIER ST., OAKLAND. Two-story 5-room dwelling.
Owner—S. C. Hamburger, Oakland.
Contractor—A. J. Flagg, 3743 Loma Vista, Oakland.
Architect—Not Given. \$4,000

ADDITION
(986) 607 ATHOL, OAKLAND. Addition.
Owner—Al Marshall, 607 Athol.
Contractor—Karl E. R. Johnson, 2431 McKinley, Berkeley.
Architect—Not Given. \$1,400

DWELLING
(987) 46 SONIA ST., OAKLAND. Two-story 8-room dwelling.
Owner—Ralph Olsen, 161 Mather St., Oakland.
Contractor—Ralph F. Fickett, 354 Hobart St., Oakland.
Architect—H. Schoening, 3133 Carlsen St., Oakland. \$9,750

DWELLING
(988) 9818 OLIVE ST., OAKLAND. One-story 5-room dwelling.
Owner—H. T. Weigman, 2524 Havencourt Blvd., Oakland.
Contractor—C. D. Hayward, 2990 Barrett St., Oakland.
Architect—Not Given. \$3,300

DWELLING
(989) 841 CRESTON RD., BERKELEY. One-story five-room frame dwelling and garage.
Owner and Builder—Milton S. Bonds, 733 Keeler Ave., Berkeley.
Architect—Not Given.

ALTERATIONS
(990) 1870 ARCH ST., BERKELEY. Owner and Contractor—F. W. Confer, 1328 Arch St., Berkeley. \$1,500

DWELLING
(991) 946 KAINS AVE., ALBANY. One-story five-room frame dwelling.

Owner and Builder—Gould & Kane, Inc., 1665 Thousand Oaks.
 Architect—B. R. Hardman, Berkeley.
 \$3,000

DWELLING
 (992) 10455 LONGFELLOW Street, OAKLAND. One-story five-room dwelling.
 Owner and Builder—E. R. Blabon, 2514 63rd Ave., Oakland.
 Architect—Not Given. \$2,700
 Also 1-story garage, \$75.

DWELLING
 (993) EXPOSITION BLDG., OAKLAND. One-story 5-room dwelling.
 Owner—Builders Emporium, 1770 San Pablo Ave., El Cerrito.
 Contractor—R. F. Johnson and Son, 560 36th St., Oakland.
 Architect—Not Given. \$3,000

REPAIRS
 (994) 3301 TELEGRAPH AVENUE, OAKLAND. Fire repairs.
 Owner—C. Cline, 3301 Telegraph Ave.
 Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
 Architect—Not Given. \$1,950

SERVICE STATION
 (995) 1970 SEMINARY AVE., OAKLAND. Service station.
 Owner—Lee Dixon, 18 Eureka Street, San Francisco.
 Contractor—Independent Iron Works, 821 Pine St.
 Plans by Contractor. \$2,000

DWELLING
 (996) 4062 KUHNLE AVE., OAKLAND. One-story 6-room dwelling.
 Owner—O. F. Farris, 1426 4th Ave.
 Contractor—L. E. Van Ness and Son, 4920 Park Blvd., Oakland.
 Architect—Not Given. \$3,500
 Also 1-story garage, \$200.

DWELLING
 (997) 6555 LIGGETT DRIVE, OAKLAND. Two-story 6-room dwelling.
 Owner and Builder—John Fleming, 2248 Coloma St., Oakland.
 Architect—Not Given. \$5,500

DWELLING
 (998) 1811 DURANT AVE., OAKLAND. The-story 5-room dwelling.
 Owner—A. L. Freitas.
 Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.
 Architect—Not Given. \$3,500
 Also 1-story garage, \$350.

DWELLING
 (999) 4651 FAIR AVE., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—E. H. Oletzky, 4412 Masterson St., Oakland.
 Architect—Not Given. \$3,300
 One-story garage, \$200.

ALTERATIONS
 (1000) 1469 FRUITVALE AVENUE, OAKLAND. Alterations.
 Owner—R. Ross, 1469 Fruitvale Ave.
 Contractor—C. Goniats, 2092 40th Avenue, Oakland.
 Architect—Not Given. \$1,100

DWELLING
 (1001) 1532 26th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Sol Scherman, 1538 26th Ave.
 Contractor—Wm. Spivock, 1538 26th Ave., Oakland.
 Architect—Not Given. \$4,000

DWELLING
 (1002) 4077 WATERHOUSE ROAD, OAKLAND. One-story six-room dwelling.
 Owner—F. C. Schoettler, 3623 Lakeshore Ave., Oakland.

Contractor—F. R. Hill, 3215 Fruitvale Ave., Oakland.
 Architect—I. M. Johnson, 2219 7th Ave., Oakland. \$7,500

ALTERATIONS
 (1003) 1920 50th AVE., OAKLAND. Alterations.
 Owner—J. J. Shannon, 1920 50th Ave.
 Contractor—W. C. Tait, 883 Market St., San Francisco.
 Architect—Not Given. \$1,000

DWELLING
 (1004) 5177 FAIRFAX AVE., OAKLAND. One-story 5-room dwelling.
 Owner—J. Sindahl, 940 40th Avenue.
 Contractor—S. J. Dowling, 2800 Clay St., Alameda.
 Architect—Not Given. \$4,000

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
294 Youngman	Tomlin	3950

(294) E HOMESTEAD 235 N 25th St. Kind of work omitted.
 Owner—George Youngman.
 Architect—Not Given.
 Contractor—E. F. Tomlin, 418 Munich Street.
 Filed, Apr. 19, '38. Dated, Apr. 18, '38.
 Roof completed..... 25%
 Brown coated..... 25%
 Comp. notice filed..... 25%
 Usual 35 days..... 25%
TOTAL COST, \$3,950.00
 Limit, 90 working days.

BUILDING CONTRACTS (EXTENSION) SAN FRANCISCO COUNTY

PAINTING
FELL AND BAKER STREETS (S. P. HOSPITAL). Paint exterior of building at above address. Contract signed March 2, 1938; time hereby extended to April 23.
 Owner—Southern Pacific Co., 64 Market St.
 Contractor—Ferdinand Terheyden & Bros., 940 Divisadero.
 Filed Apr. 19, '38. Dated Apr. 9, '38
 Surety, U. S. Guarantee Co. Limit, 21 days—extended as noted above.

BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner	Contractor	Amt.
174 Young	Lynn	24070
175 Schoettler	Hill	7472

RESIDENCE
 (174) LOTS 15 AND 16, BLOCK 5, HOTEL CLAREMONT TRACT, BERKELEY. Residence.
 Owner—Mr. and Mrs. C. C. Young, 1616 35th Ave.
 Architect—A. McSweeney, 604 Mission St., San Francisco.
 Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.
 Filed Apr. 15, '38. Dated Apr. 11, '38
 15th day each month, 75% labor and material;
 Usual 35 days, 25%.
TOTAL COST, \$24,070.00
 Limit, Jan. 1, 1939. Plans and specifications filed.

RESIDENCE
 (175) Residence.
 Owner—F. C. Schoettler, 3623 Lakeshore.
 Architect—Erwin M. Johnson, 2219 7th Ave.
 Contractor — Frank R. Hill, 3215 Fruitvale Ave., Oakland.
 Filed Apr. 15, '38. Dated Apr. 9, '38.

Sub floor laid—20%.
 Roof on—20%.
 Plastered—20%.
 Completion—20%.
 Usual 35 days—20%.
TOTAL COST, \$7,472.00

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$100; 2125 Hearst, Berkeley; owner, Mrs. B. Vogel-sang, 2635 Dwight Way; contractor, H. A. Lamson, 2125 Hearst.
ADDITIONS, \$625; 2436 Bonar, Berkeley; owner, H. J. Ross, Frem.; contractor, W. Degen, 2055 Santa Clara.
REEROOF, \$156, 1535 Addison, Berkeley; owner, J. B. Campbell, Frem.; contractor, Amer. Roof. Co.
REEROOF, \$120; 737 Hearst, Berkeley; owner, J. Ferreri, Premises; contractor, Elliott & Elliott, 770 22nd St., Oakland.
REEROOF, \$120; 715 Hearst, Berkeley; owner, J. Ferreri, Premises; contractor, Elliott & Elliott, 770 22nd St., Oakland.
SIGN, metal, \$5; 583 9th St., Oakland; owner and contractor, Jack Siegel, Prem.
SIGN, roof, \$50; 4365 Piedmont Ave., Oakland; owner, Key Route Fuel & Feed Co., Prem.; contractor, Special Site Sign Co., 3225 Louise Street.
SIGN, roof, \$20; 6915 Foothill Blvd., Oakland; owner and contractor, F. Radley, Prem.
SIGN, roof, \$25; 700 7th St., Oakland; owner, Hancock Oil Co., Premises; contractor, Peterson Signs, 3019 Foothill Blvd.
SIGN, wood, \$20; 1807 E. 12th St., Oakland; owner, Paramount Built-In Fixture Co., Premises; contractor, Hickish Sign Co., 1727 E. 12th St.
SIGN, metal, \$16; 1577 E. 38th St., Oakland; owner, Silver Beauty Shop, Frem.; contractor, Hickish Sign Co., 1727 E. 12th St.
SIGN, cloth, \$9; 1724 Franklin St., Oakland; owner, Thomas Cleaning Co., Prem.; contractor, Hickish Sign Co., 1727 E. 12th St.
SERVICE station, 1-story steel, \$350; 5532 San Pablo Ave., Oakland; owner, W. H. Willmott, 5630 San Pablo Ave.; contractor, A. Icardi, 972 Aileen St.; also 1-story steel comfort station, \$150.
REEROOF, \$125; 3948 Midvale Ave., Oakland; owner and contractor, C. D. Madden, Prem.
REEROOF, \$120; 825 41st St., Oakland; owner, Herman Summers, 686 Agpar St.; contractor, W. H. Sankey, 586 62nd St.
REEROOF, \$245; 3423-25 Grand Ave., Oakland; owner, Fidelity Mtg. & Sec. Co., 2323 Shattuck Avenue, Berkeley; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
REPAIR roof, \$5; 6628 Chabot Rd., Oakland; owner, T. Anderson, 6622 Chabot Rd.; contractor, Guy Tyler & Sons, 1502 Cedar Street, Berkeley.
REPAIRS, \$45; 562 20th St., Oakland; owner, Mrs. Glover, Prem.; contractor, Anthony G. Macchitelli, 406 51st St.
ALTERATIONS, \$500; 1115 Broadway, Oakland; owner, Irving Jonas, Prem.; contractor, Henry Brown, 1567 E. 32nd St.
ALTERATIONS, \$80; 1510 Franklin St., Oakland; owner, Chester Rowell, Prem.; contractor, Fox Bros., 1478 University Ave., Berkeley.
GARAGE, private, \$95; 13017 Broadway, Terrace, Oakland; owner, Warren Phelps, Watsonville, Cal.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theaters |
| 7.—Federal Buildings | 17.—Wharves & Docks |
| 8.—Inns | 18.—Misc. Consl. |
| 9.—Club Buildings | 19.—Misc. Supplies & Hotels |
| 10.—Hotels | |

1— APARTMENTS

Contract Awarded
APARTMENTS Est. Cost, \$61,493
BURLINGAME, San Mateo Co., Cal. Three-story frame apartment house (18 apts.: six 2-room, twelve 4-room), composition and tile roof, steel and wood sash, hardwood floors, the baths and stall showers, steam heating plant.
 Owner—C. DeBenedetti, 916 N. Humboldt St., Burlingame (San Mateo 2786).
 Architect—R. R. Irvine, 2048 Market St., San Francisco.
 Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.

Preparing Working Drawings
APARTMENTS Est. Cost, \$25,000
BURLINGAME, San Mateo Co., Cal. Three-story frame and stucco apartment house; four 4-room and two 2-room apts.; wood sash, hardwood floors, composition roof, tile baths, etc.
 Owner—Withheld.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.

3— CHURCHES

Contract Awarded
CHURCH, ETC. Cost, \$30,000
EUREKA, Humboldt Co., Cal. Fifth and H Streets.
 New church edifice, Guild hall and parsonage.
 Owner—Christ Episcopal Church.
 Architect—Lewis P. Hobart, 525 Market St., San Francisco.
 Contractor—Mercer-Fraser Co., Second and Commercial Sts., Eureka

4— FACTORIES & WAREHOUSES

Bids In—Held Under Adjudgment.
INDUSTRIAL BLDG. Cost, \$.....
BERKELEY, Alameda Co., Calif. 5th and Grayson Streets.
 Part 2, 3, and 4-story steel frame industrial building with concrete walls and floors (approx. 160x 220 ft.)
 Owner—West Coast Kalsomine Co., 5th and Grayson Sts., Berkeley.
 Plans by Engr. Dept. of Owner.

CONTRACT AWARDED

VENTURA, Calif.—E. J. Durkan, E. Telegraph Road, Santa Paula, will build a 1-story and basement triangular shaped addition to a reinforced concrete packing plant (131 x 169 ft.) at Ventura for the Ventura Citrus Assn.; \$75,000. The air conditioning

system is to be handled under separate contract and will be installed upon completion of the building. W. W. Ache, architect, 301 N. Citrus Ave., Los Angeles. 4

Sub Contracts Awarded ALTERATIONS & ADDITIONS

Est. Cost, \$200,000
SACRAMENTO, Sacramento County, Calif.
 One-story reinforced concrete and corrugated iron addition (150 x 300 ft.) to present shop building and alterations to present shop.

Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.

Plans by Engr. Dept. of Owner.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.
 Steel Sash—Soule Steel Co., 1750 Army St.

Wrecking—Cleveland Wrecking Co., 260 Spear St.

Plumbing—F. W. Spencer & Son, 2529 Anza St.

Roofing—The Allyn Burr Co., 2417 28th St., Sacramento.

Robinson Metal—H. H. Robertson Co., 149 New Montgomery St.

Wood Floors—A. B. Rice Floor Co., 1312 Dewey Ave., Los Angeles.

Glass and Glazing—W. P. Fuller & Co., 301 Mission St.

Toilet Partitions—C. J. Waterhouse Co., 55 New Montgomery Street.

Sheet Metal—McLaughlin Sheet Mtl. Works, P.O. Box 1285, Sacramento.

Structural Steel—Independent Iron Works, 821 Pine St., Oakland.

All of San Francisco unless otherwise noted.

Correction in Sub Contract ALTERATIONS & ADDITIONS

Est. Cost, \$200,000
SACRAMENTO, Sacramento County, Calif.

One-story reinforced concrete and corrugated iron addition (150 x 300 ft.) to present shop building, and alterations to present shop.

Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.

Plans by Engr. Dept. of Owner.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

Electric Wiring—Reliable Elevator Co., 619 California Street, Sacramento.

Planned
BOTTLING PLANT Cost, \$.....
SAN FRANCISCO, Vallejo and Battery Sts.

Bottling plant to cover 100,000 sq. ft. Owner—Schenley Products Co., 451 Montgomery St.

Architect—Not Given.
 Construction is expected to begin within two or three weeks. 4

5— FLATS

To Be Done By Day's Work.
FLATS Cost, \$6,000 each
SAN FRANCISCO, S Turk Street E Temescal.
 Four one-story and basement frame flats.
 Owner and Builder—Oliver M. Rousseu, 321 Kearny Street.
 Architect—Not Given. 5

6— GARAGES & SERVICE STATIONS

Bids In—Under Adjudgment
SERVICE STATION Cost, \$.....
SAN FRANCISCO, Kearny Street, Columbus Ave. and Pacific St.
 New steel gasoline service station.
 Owner—McKale's, Inc.
 Plans by Owner.
 Announcement shortly.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
CHEYENNE, Wyo.—N. J. Newson & Co., Des Moines, Iowa, at \$489, awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for painting plaster, etc. (fourth story), in the U. S. Federal Office Building at Cheyenne. (6071) 1st report Mar. 18, 1938. 7

COMPLETE BIDS

NEEDELES, Santa Ana and Indio, Cal.—M. H. Golden, Bank of America Bldg., San Diego, at \$5,357, first and second items (Needles), \$4,936, third and fourth items (Santa Ana), and \$5,797, fifth and sixth items (Indio), submitted low bid to the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for Antenna System and Radio Facility building at Needles, San Bernardino County, Santa Ana, Orange County, and Indio, Riverside County; Prop. 29072.

Complete bids follow:
 M. H. Golden, San Diego, Calif.—Needles, Cal. Item 1, \$2604.75, Item 2, \$2752.50, Items 1 & 2, \$5357.25; Santa Ana, Cal. Item 3, \$2223; Item 4, \$2713, Items 3 & 4, \$4936; Item 5, \$3070; Item 6, \$2727.50; Items 5 & 6, \$5797.50.

R. H. Travers, Los Angeles, Cal.—Needles, Cal. (1) \$2777.60; (2) \$2945; (1 & 2) \$5722.60; Santa Ana, Cal. (3) \$2793.60; (4) \$2855; (3 & 4) \$5478.60; (5) \$2993.70; (6) \$2860; (5 & 6) \$5853.70; Indio, Cal.

Edward Green, Los Angeles, Cal.—Needles, Cal. (1) \$2905; (2) \$3158; (2 & 3) \$5863; Santa Ana, Cal. (3) \$2845; (4) \$2792; (3 & 4) \$5637; Indio, Cal. (5) \$3078; (6) \$3035; (5 & 6) \$6113.

R. Wescott Co., Inc., Los Angeles, Cal.—Needles, Cal. (1) \$3226; (2) \$3864; (1 & 2) \$7490; Santa Ana (3) \$3424; (4) \$3674; (3 & 4) \$7098; Indio (5) \$4728; (6) \$3805; (5 & 6) \$8533.

Harry L. Foster, San Diego, Calif. (late reading)—Needles (1) \$3587.40; (2) \$3508; (1 & 2) \$7095.40; Santa Ana (3) \$2842; (4) \$2798; (3 & 4) \$5660; Indio, Cal. (5) \$4012.50; (6) \$3215; (5 & 6) \$7227.50.

Wright & Lopez, Cedartown, Ga.—Needles, Cal. (1) \$4092.50; (2) \$3990; (1 & 2) \$8082.50; Santa Ana (3) \$4260; (4) \$4305; (3 & 4) \$8585; Indio, Cal. (5) \$4930; (6) \$4270; (5 & 6) \$9200.

Harp Bros., Riverside, California.—Needles, Cal. (1) \$4675.25; (2) \$5409; (1 & 2) \$10,084.25; Santa Ana (3) \$3843; (4) \$4786.60; (3 & 4) \$8629.60; Indio, Cal. (5) \$5631.42; (6) \$5102.20; (5 & 6) \$10,733.62.

Oscar L. Jackson (Jackson Constr. Co.), San Bernardino, Cal.—Needles, Cal. (1) \$2336.50; (2) \$3091.50; (1 & 2) \$5428.

BIDS OPENED

ALBANY, Ore.—L. H. Hoffman, Portland, Ore., at \$3,991 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for platform and driveway changes at the U. S. P. O. at Albany. Complete bids follow:
 L. H. Hoffman, Portland.....\$3,991
 J. Thomsen, Philomate, Ore.....4,356
 MacDonald Const. Co., St. Louis, 4,365
 Viesko & Hannaman, Salem.....4,589
 J. I. Barnes Const. Co., Santa Monica Calif.4,840
 Fred A. Erizon, Salem.....5,296
 Geo. Isackson Co., Portland.....5,493
 Valley Renovators & Painters, Lockland, Ohio5,795
 Fred R. Comb Co., Minneapolis 5,997
 Henry L. Grohne, Decatur, Ill. 6,756

BIDS OPENED

SAN DIEGO, Cal.—A. Corradini & Son, 3216 Keats, Alhambra, submitted low bid to the 11th Naval District in San Diego at \$1795, for installing terrazzo floors in galleys of Barracks Nos. 1 to 7 at the Naval Operating Base (Marine Corps Base) San Diego; Spec. 8682. Other bids were: Special Service Flooring Corp., \$1923; Consolidated Terrazzo Cos., \$3294. Recommendation was made that the contract be awarded to the low bidder.

BIDS OPENED

LOS ANGELES, Cal.—U. S. Forest Service, Los Angeles, opened bids on April 18 for an elevator to be installed in the Forest Service warehouse located in Arcadia; Spec. 1209. The bids were:
 Elevator Maintenance Co., \$635, fob Arcadia, 2% 10 days.
 Kimball Elevator Co., \$843, net, fob Arcadia, 5000 lbs.
 Beckwith Elevators, \$670, fob Los Angeles; \$685 fob Arcadia; net, 3000 lbs.
 United Elevator Corp., \$875, fob Los Angeles; \$895 fob Arcadia; net, 2200 lbs.
 Otis Elevator Co., \$875, fob San Francisco; \$925 fob Arcadia; net, 2000 lbs.
 King Machine & Mfg. Co., \$881, fob Los Angeles; \$892 fob Arcadia; net, 4500 lbs.

Sub Contracts Awarded

VAULT—Cont. Fr., \$170,800
 SAN FRANCISCO. U. S. Mint, Du-boce Ave. and Market St.
 Additional storage vault (except elevators), approx. 158 feet long, 66 feet wide and 24 feet deep, with two decks, to be sunk in the present driveway; work involves excavation, ventilating system, etc.

Owner—United States Government.
 Plans by the Procurement Division, Public Buildings Branch, Washington, D. C.
 Contractor—B. A. Howkins & Co., 1182 Market Street.
 Painting—D. D. Burgess, 282 7th St.
 Waterproofing & Roofing—Alta Electrical & Mechanical Co., Inc., 467 O'Farrell St.
 Heating—Cory & Joslin, Inc., 50 Hawthorne St.
 Reinforcing Steel—Bethlehem Steel Co., 20th and Illinois Sts.
 Grading—Piombo Bros. & Co., 1571 Turk St.
 Plumbing—F. W. Spencer & Son, 2529 Anza St.
 Electric Wiring—Severin Electric Co., 472 Clara St.
 Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.
 Plastering—A. Knowles, 982 Bryant Street.
 Hollow Metal and Metal Toilet Partitions—Price Bldg. Specialties

Co., 35 Stillman St.
 Tile—Ginsberg Tile Co., 540 Turk St.
 All of San Francisco.

BIDS WANTED

SILVER LAKE AND PALMDALE, Los Angeles Co., Cal.—Until May 2, bids will be received by the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for Adcock Tower antenna and radio facility buildings at Silver Lake and Palmdale. Prop. No. 29077.

The work consists of five 133-ft. steel towers (steel furnished) and construction of 15½-ft. x 28-ft. masonry buildings, concrete foundations, fence, driveway, etc. The principal items of work are: 1800 c.y. earth-work; 200 c.y. concrete; 17,000 brick; 2000 tiles; 400 glass blocks; 14,000 lbs. reinf. steel; 350 rods of fencing; 60 c.y. of road materials. The Government will furnish certain special radio equipment. No other radio equipment will be required. * 7

BIDS OPENED

WENDOVER AND PLYMOUTH, Utah.—Following bids were submitted to the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for erection of five steel towers and radio facility buildings at Wendover and Plymouth, Utah. Proposal No. 29032.

John Berntson, Salt Lake City, Utah. (Wendover)—Item 1, \$8,521; Item 2, \$3,449.50; Items 1 and 2, \$11,970.50; (Plymouth) Item 1, \$8,144.50; Item 2, \$3,336.40; Items 1 & 2, \$11,480.90.

Dixie Electric Constr. Co., Montgomery, Ala. (Wendover)—(1) \$7,703, (2) \$3,521, (1 & 2) \$11,244; (Plymouth) (1) \$8,751, (2) \$3,915, (1 & 2) \$12,666.

Bennett & Taylor, Los Angeles, Cal. (Wendover)—(1) \$8,510.50, (2) \$3,543, (1 & 2) \$12,053.50; (Plymouth) (1) \$9,973, (2) \$3,527.50, (1 & 2) \$13,505.50.

E. H. Marhoffer, Jr., & Co., Chicago, Ill. (Wendover)—(1) \$11,077, (2) \$4,058.60, (1 & 2) \$15,135.60; (Plymouth) (1) \$11,890.50, (2) \$3,895.30, (1 & 2) \$15,785.60.

Bowers Bldg. & Constr. Co., Salt Lake City, Utah (Wendover)—(1) \$8,952, (2) \$4,008.80, (1 & 2) \$12,960.80; (Plymouth) (1) \$9,347, (2) \$3,650, (1 & 2) \$12,997.

C. Warrington, Cheyenne, Wyo. (Wendover)—(1) \$8,664; (Plymouth) (3) \$9,625.

BIDS OPENED

STANISLAUS COUNTY, Calif.—F. J. Early, Jr., 369 Pine St., San Francisco, at \$54,288 submitted low bid to the U. S. Dept. of Agriculture, Farm Security Administration, Room 227, Wells-Fargo Bldg., 85 Second St., San Francisco, for construction of the Community Buildings and facilities at the Westley Tract of the California Migratory Labor Camps Project in Stanislaus County.

Complete bids were:
 Fred J. Early, Jr., S. F.....\$54,288
 C. A. Hillberg, Turlock.....63,137
 Midstate Const. Co., Fresno.....64,663
 Knutson & Moe, Patterson.....67,563

BIDS WANTED

RENO, Nevada.—Until May 16, 2:30 p.m., bids will be received by the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto, Cal., for plumbing, heating and electrical work at Veterans' Administration Facility, Reno, Nev., Treatment Bldg. No. 1.

Work will include plumbing, heating, ventilation of kitchen, boiler plant, oil burners, electrical work, outside electrical service connections,

nurses' call system, etc.
 Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., or from the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto, Cal.

Bids Opened

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$446, submitted low bid to the Constructing Quartermaster, Fort Mason, for installing acoustical tile in Rooms Nos. 200-A, 201-B and 204-A of Bldg. No. 100, at the Presidio of San Francisco.

Only other bid submitted by R. L. Cramer Co., at \$475.

LOW BIDDER

NEEDLES, Santa Ana and Indio, Cal.—M. H. Golden, Bank of America Bldg., San Diego, at \$5,357, first and second items (Needles), \$4,936, third and fourth items (Santa Ana) and \$5,797, fifth and sixth items (Indio) submitted low bid to the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for Antenna System and Radio Facility building at Needles, San Bernardino County, Santa Ana, Orange County, and Indio, Riverside County; Proposal 29072.

CONTRACT AWARDED

SAN FRANCISCO.—Otis Elevator Co., 810 18th St., NW, Washington, D. C., at \$12,751 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing a complete elevator plant in the additional storage vault for the U. S. Mint at San Francisco.

CONTRACT AWARDED

KEYPORT, Wash.—Parker Painting Co., 610 N. Pine St., Tacoma, Wash., at \$3,760 awarded contract by the Bureau of Yards & Docks, Navy Dept., for painting radio towers; Spec. 8500; at the Radio Station at Keyport.

CONTRACT AWARDED

MARE ISLAND, Solano Co., Cal.—Cory & Joslin, Inc., 50 Hawthorne St., San Francisco, at \$159,500, awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for motor-driven pumps, piping, plumbing and air-conditioning apparatus for dry dock at the Navy Yard, Mare Island; Spec. 8516.

BIDS WANTED

ANCORPES, Wash.—Until April 27, bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for metal counters, at the U. S. Post Office at Ancorpes.

CONTRACT AWARDED

IDAHO AND MONTANA.—Vernon Bros., Twin Falls, Idaho, at \$1,290 awarded contract on Schedule 3 (Burlley, watchhouse) for erection of steel tower antenna system and radio facility buildings and other buildings at Burlley, Idaho, and Great Falls, Mont. Proposal 29003.

CONTRACT AWARDED

GLASGOW Mont.—Montgomery Elevator Co., Moline, Ill., at \$8,032 was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing one passenger elevator in the U. S. Post Office and Court House at Glasgow.

8—CLUB BUILDINGS

Completing Plans
 CLUB BLDG. Cost, \$.....
 WILLOW GLEN, Santa Clara Co., Calif. Lincoln Ave., at Pedro St.
 One-story and basement building, to

contain auditorium (40x63 ft.), stage, dressing rooms, ladies' and men's lounges, meeting hall, dining room, kitchen, office and locker rooms.

Owner—The American Legion, Willow Glen Post No. 318 (Dr. Roland Breuer, Chairman).

Architect—Frank W. Moore.

Construction will probably start about May 15.

9—HOSPITALS

Contract Awarded
PENT HOUSE Cost, \$.....
SAN FRANCISCO, Calif. Fell and Baker Streets.
Pent house at Southern Pacific Hospital.
Owner—S. P. Co., 65 Market St.
Plans by Engrg. Dept. of Owner.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Bids Wanted—To Close May 17, 2:00 P. M.

FEMALE CUSTODIAL BLDGS.
Cost, \$.....
IMOLA, Napa Co., Cal. Napa State Hospital.

Erection and completion of Female Custodial buildings comprising a group of six buildings having a total combined floor area of approximately 125,000 sq. ft. The buildings are one- and two-story, of reinforced concrete construction, with hollow tile partitions, steel sash and shingle tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received as follows: (1) general work; (2) electric work; (3) plumbing work; (4) heating and ventilating work.

Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by a cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

LOW BIDDERS

CALIENTE, Nev.—L. P. Scherer, Redlands Theater Bldg., Redlands, submitted low bid to the Lincoln (Nev.) County Commissioners April 15, at \$24,662, for the construction of a new county hospital in Caliente. L. F. Dow, Los Angeles, submitted the second low bid at \$25,200. A. L. Worswick, architect, Las Vegas. * 9

12—POWER PLANTS

BIDS WANTED

BRAWLEY, Imperial Co., Cal.—Until April 28, 10 a. m., bids will be received by the Imperial Irrigation District, El Centro, for furnishing and installing cooling tower, heat exchangers, centrifuge, transfer pumps, sump pumps and piping for Brawley Diesel plant addition, Spec. No. 9.

Detailed quantities involved follow:

SCHEDULE 1

(1) furnish and erect in place on foundations furnished by district one 3-section forced-draft cooling tower, including fans, sprays, piping and accessories, complete;

SCHEDULE 2

(2) furnish and deliver f.o.b. Brawley 3 jacket-water heat exchanger, shell and tube type complete;

(3) furnish and deliver f.o.b. Brawley 3 lubrication-oil heat exchangers, shell and tube type complete;

SCHEDULE 3

(4) furnish and deliver f.o.b. Brawley one lubrication-oil centrifuge complete;

SCHEDULE 4

(5) furnish and deliver f.o.b. Brawley 3 fuel-oil transfer pumps complete;

(6) furnish and deliver f.o.b. Brawley one sump pump;

(7) furnish and deliver f.o.b. Brawley one water jet ejector;

SCHEDULE 5

(8) receive f.o.b. Brawley and install in place on foundations furnished by district all equipment under Items 2 to 7;

(9) furnish and install in place all water, oil and air piping and accessories. * 12

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Low Bidder

PALACE INTERIORS
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Interior of Palaces 5, 6, 7, 8 and 9;
Contract No. 156.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.
Plans by S. F. Bay Exposition Architectural Commission, 555 Bush St., San Francisco.

Low Bidder—Guy F. Atkinson Co., 662 Russ Bldg., San Francisco—\$71,750.

LOW BIDDERS

PIOCHE, Nev.—L. F. Dow, 700 N. Fairfax, Los Angeles, submitted low bid to the Lincoln (Nev.) County Commissioners Apr. 15, at \$49,347, for the construction of the new county courthouse in Pioche. Carpenter & Haxton, Redlands, submitted the second low bid at \$51,359. A. L. Worswick, architect, Las Vegas. * 13

Sub-Contract Awarded PILE FOUNDATIONS

Contract Price, \$30,006.19
AGNEW STATE HOSPITAL, Santa Clara Co., Calif.

Erection and completion of pile foundation for Ward Unit No. 3 at Farm (work includes furnishing and installing 615 union metal piles having an average length of approx. 25-ft., together with rough excavation of bldg. site).

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.
Contractor—John Strona, Pomona.
Pile Driving—M. B. McGowan, Inc., 74 New Montgomery Street, San Francisco.

Planned
EXHIBIT BLDG. Cost, \$200,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building to include a theater, large reception room and an exhibit hall.

Owner—Hawaiian Territorial Fair Committee (Sherwood M. Lowrey, chairman.)

Architect—American Institute of Architects in Hawaii (Claude A. Stiehl, Architect).

Construction will probably begin some time in July.

BONDS VOTED

REDDING, Shasta Co., Calif.—The City of Redding voted bonds April 12 in the amount of \$80,000, proceeds to finance the construction of two fire houses and furnishing of two fire engines, fire hose, fire alarm system and other apparatus.

BIDS WANTED

SAN DIEGO, Cal.—Until May 10 (tentative date), bids will be received by the City and County of San Diego for completion of the entire interior, except the ground floor below the

main floor, of the new San Diego Civic Center Bldg. The work will consist principally of interior finish, plumbing fixtures, electrical fixtures, heating fixtures, elevators, floors and tile partitions; estimated cost, \$500,000. The structural part, exterior finish and roughing in of services has been completed. Louis J. Gill, Wm. Templeton Johnson, Richard S. Bequa and Sam W. Hammill, all of San Diego, are the architects. B. O. Larsen, 1340 E St., San Diego, was the contractor for the structural work. * 13

Bids Wanted—To Close April 25th, 2:00 P. M.
PRODUCTS TERMINAL BLDG.

Cost, \$.....
SAN FRANCISCO. Berry Street, between Third and Embarcadero.
Construction of a two-story, reinforced concrete, separate addition in back of present building, to be constructed on foundations already laid. Approx. 48,000 sq. ft. floor area each floor. Electrical work included in contract. Bids for elevator, steel rolling doors, etc., to be asked later.
Owner—State of California (Board of Harbor Commissioners), Ferry Building.
Engineer—Frank G. White, Ferry Building.

As previously reported, plans and specifications may be obtained at the office of the Board upon deposit of \$20.

Mosson Bros., 475 Sixth St., San Francisco, at \$48,748, previously was awarded contract for foundations. Total estimated cost of PWA project is \$305,334.

Bids Wanted—To Close April 28, 3:00 P. M.

PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
General plastering, East Hangar, Contract No. 136.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 555 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 555 Bush St., San Francisco.
Plans and specifications obtainable from the above office upon deposit of \$20.

BONDS DEFEATED

TAFT, Kern Co., Cal.—The city of Taft defeated two bond issues April 12, one of \$3000 to finance reconstruction of the present jail and the other a \$16,000 issue to finance construction of a new jail. * 13

Bids Wanted—To Close May 9
COURTHOUSE Est. Cost, \$90,000
COLVILLE, Stevens Co., Wash.

Construction of L-shaped courthouse; alternates on brick and concrete construction.

Owner—Stevens County.
Architect—G. A. Pehrson, Old National Bank Bldg., Spokane.

Plans and specifications obtainable at the Architect's office.
County will probably finance entire project with cash on hand. 13

BIDS WANTED

SAN DIEGO, Cal.—Until May 10, 10 A. M., bids will be received by the City and County of San Diego for completion of the entire interior, except the ground floor below the main floor, of the new San Diego Civic Center Building. The work will consist principally of interior finish, plumbing fixtures, electrical fixtures, heating fixtures, elevators, floors and tile partitions; estimated cost, \$500,000. The structural part, exterior fin-

ish and roughing in of services has been completed. Louis J. Gill, Wm. Templeton Johnson, Richard S. Requa and Sam W. Hammill, all of San Diego, are the architects. B. O. Larsen, 1340 E St., San Diego, was the contractor for the structural work.

Plans may be obtained from the city clerk, San Diego, or the county clerk, San Diego, upon deposit of a certified check for \$100, payable to the order of the City Treasurer or the County Treasurer. 13

Low Bidder
PALACE INTERIORS
YERBA BUENA SHOALS. Site of the 1935 World's Fair.
 Interior of Palaces, 11, 12, 13 and 14; Contract No. 160.
 Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Low Bidder—Guy F. Atkinson Co., 662 Russ Bldg., S. F.—\$70,250.

LOW BIDDER
ARLINGTON, Riverside Co., Cal.—T. C. Prichard, 5230 Magnolia Ave., Riverside, submitted low bid to the Riverside Board of Public Utilities at \$20,434, for a civic building on Magnolia Ave., near Castleman St., Arlington. Bids held under advisement until April 25. Plans by Ruh-nau & Saunders; Kenneth M. Saunders, architect, 3484 Jackson Street, Riverside. 13

Bids Opened
INDUSTRIAL BLDG. Cost, \$.....
STOCKTON, San Joaquin Co., Calif.
 Stockton State Hospital.

Erection and completion of a vegetable preparation building consisting of a one-story reinforced concrete building complete with all mechanical & electrical work; steel windows, steel columns and beams, wood roof framing and sheathing; hollow tile partitions and wood framing.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
Low Bidder—C. H. Dodd, 1660 W. Walnut St., Stockton—\$11,630.
 Other bids were:
 Lawrence Constr. Co., Sacto.....\$11,954
 Samuel Eyre, Stockton..... 13,331
 Ecker Bros., Stockton..... 14,133

Sub Contracts Awarded
BARRACKS Cont. Pr., \$178,173
YOUNTVILLE, Napa Co., Calif.

Erection and completion of Barracks No. 7 at the Veterans' Home at Yountville, consisting of a two-story reinf. concrete bldg. with steel sash and tile roof, together with approximately 880 ft. of services, conduits and manholes.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
 Contractor—C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., San Francisco.
 Reinf. Steel—Herrick Iron Works, 1726 Campbell St., Oakland.
 Mill Work—Sierra Mill & Lbr. Co., P.O. Box 28, Sacramento.
 Sheet Metal—Richmond Sheet Metal Works, 520 16th St., Richmond.
 Roofing—Capital Roofing & Supply Co., 2011 Q St., Sacramento.
 Terra Cotta Partitions—Henry Redmond, 2414 H St., Sacramento.
 Lathing and Plastering—John Shimmion, 1612 Noriega St., San Francisco.
 Floor and Wall Tile—Superior Tile Co., 3743 Broadway, Oakland.

14— RESIDENCE

Sub Contracts Awarded
RESIDENCE Cost, \$8,000
SAN MATEO, Calif. West Bellevue, Lot 28.
 Two-story frame residence.

Owner—Andrew S. Lassen, San Mateo.
 Architect—Not Given.
 Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.
 Plumbing—A. H. Dittmann, 1109 California Dr., Burlingame.
 Sheet Metal—G. & M. Sheet Metal Works, 504 9th Ave., San Mateo.
 Brick and Stone Work—Chas. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.
 Mill Work—Pacific Mfg. Co., Santa Clara. 14

Preparing Plans
RESIDENCE Est. Cost, \$4,500
SAN FRANCISCO. Mission District.
 One-story frame and stucco residence (5 rooms) hardwood floors, wood sash, tile bath, etc.
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny.

Bids In—Held Under Advisement
RESIDENCE Cost, \$.....
SAN FRANCISCO, SW Normandie Terrace and Vallejo Streets.
 Two-story and basement frame and stucco residence with penthouse (5 bedrooms, 5 baths), tile kitchens and bathrooms, wood paneling, canvas walls, hardwood floors, steam heating system, dumb waiter, etc.
 Owner—Mrs. Rose Naify.
 Architect—John H. Ahnden, 822 39th Ave.

Contract Awarded
RESIDENCE Est. Cost, \$8200
BERKELEY, Alameda County, Calif.
 Berkeley View Terrace, Belmar Avenue.
 Two-story frame and stucco residence (6 rooms), double garage, central heating plant, shaks roof, hardwood floors, tile baths, etc.
 Owner—Mrs. Elizabeth Ball.
 Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.
 Contractor—Albert A. Haskell, 255 Ridgeway Ave., Oakland.

Preparing Plans
RESIDENCES Cost, \$.....
BURLINGAME, San Mateo Co., Cal.
 Two new residences.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

Preparing Preliminary Plans
SORORITY HOUSE Cost, \$.....
BERKELEY, Alameda Co., Calif.
 Three-story frame and stucco sorority house.
 Owner—Kappa Alpha Theta.
 Architect—G. A. Dailey, 210 Post St., San Francisco.

Contract Awarded
BUILDINGS Cost, \$.....
SANTA CRUZ COUNTY, Cal. Near Watsonville "Camp McQuade".
 Construction of buildings at camp.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
 Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

Preparing Working Drawings
RESIDENCE Est. Cost, \$12,000
SAN FRANCISCO. University Terr.
 Two-story frame and stucco residence (7 rooms), hardwood flrs., tile baths, wood sash, etc.
 Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Plans Being Figured
RESIDENCE Cost, \$.....
SAN FRANCISCO. Golden Gate Avenue and Ketrbridge St.
 One-story and basement frame and stucco residence (7 rooms), hardwood floors, tile baths, slate roof, etc.
 Owner—D. O'Brien, c/o Archt.
 Architect—Henry A. Minton, Underwood Bldg., San Francisco.
 Plans are being figured by a closed selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$8,000
SAN FRANCISCO. S. San Jacinto, 308 ft. E. of Santa Paula.
 Two-story frame residence.
 Owner—Ralph A. Head, 395 West Portal.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
 Contractor—A. Frederick Anderson, 1093 Longridge Road, Oakland. 14

Preparing Working Drawings
RESIDENCE Est. Cost, \$8,500
GARDEN VILLAGE, San Mateo Co., Calif.
 Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.
 Owner & Builder—Paul A. Wolter, Jr., 90 Ravenwood Dr., San Francisco.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Plans Being Figured
RESIDENCE Est. Cost, \$12,000
CARMEL, Monterey Co., Cal.
 Two-story rustic and brick residence (3 bedrooms, 3 baths), air conditioning system, hardwood floors, tile baths, etc.
 Owner—Robert O'Brien, c/o Archt.
 Architect—C. J. Ryland, 136 Bonifacio Pl., Monterey.
 Plans are being figured by a selected list of contractors.

Completing Plans
RESIDENCE Est. Cost, \$12,500
OAKLAND, Alameda County, Calif.
 Two-story frame and stucco residence, tile roof, hardwood floors, tile baths, gas-fired hot air heating system.
 Owner—E. C. Schwer, c/o Archt.
 Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, \$10,000
SAN JOSE, Santa Clara Co., Calif.
 South 17th St.
 Two-story frame and stucco residence (7 rooms).
 Owner—George C. Glans, 88 East Santa Clara St.
 Architect—Not Given.
 Contractor—Ormal W. Dodd, 1135 Lincoln Ave., San Jose. 14

Plans Being Figured
RESIDENCE Est. Cost, \$10,000
SANTA CRUZ, Santa Cruz Co., Cal.
 Two-story frame and stucco residence (3 bedrooms, 3 baths) hardwood floors, shingle roof, air conditioning system, garage.
 Owner—Dr. Philbrook, c/o Architect.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 Plans are being figured only by Hamilton & Church, 353 Ocean St., Santa Cruz.

Contract Awarded
RESIDENCE Cost, \$10,000
SAN MATEO CO., Cal. Lot 23, Cordilleras Road.
 Two-story frame residence.
 Owner—Dr. D. F. Brown, Redwood

City.
 Architect—H. C. Collins, Deckeroak Bldg., Palo Alto.
 Contractor—Emil G. Steinegger, 302 Myrtle St., Redwood City.

Plans Completed
 RESIDENCE Est. Cost, \$7,000
 OAKLAND, Alameda County, Cal.
 Two-story frame and stucco residence (6 rooms), shingle roof, gas furnace, two tile baths, hardwood floors, wood sash, etc.
 Owner & Builder—Robert D. Boyd, 364 62nd St., Oakland.
 Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.

Preparing Preliminary Plans
 RESIDENCE Cost, \$7,000
 SAN FRANCISCO, West Portal District.
 One-story and basement frame and stucco residence; hardwood flrs., tile baths, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Bids In—Held Under Advertisment
 RESIDENCE Cost, \$.....
 ORINDA, Alameda Co., Cal.
 Two-story frame residence (7 rooms), board and batten and stucco exterior, shingle roof, wood sash, hot air heating system, hardwood floors, tile bath, concrete fireplace, recreation room in the basement.
 Owner—G. A. Wood, c/o Architect.
 Architect—John B. Anthony, 462 Elwood Ave., Oakland.

Preparing Working Drawings
 RESIDENCE Cost, \$12,000
 BERKELEY, Alameda County, Calif.
 Grizzly Road.
 Two-story frame and stucco residence (8 rooms), hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Baxter, c/o Architect.
 Architect—Clarence W. Mayhew, 6026 Acacia St., Oakland.
 (3074) 1st report Mar. 31, 1938. * 14

Contract Awarded
 RESIDENCE Cont. Pr., \$9,993
 SACRAMENTO, Sacramento Co. Cal.
 Two-story frame and stucco residence (8 rooms) hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Herring, c/o Architect
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Contractor—Chas. F. Unger, 2426 7th Ave., Sacramento.
 Complete bids follow:
 Charles F. Unger.....\$993
 J. Paul Howell.....997
 L. F. Gould.....10,644
 A. Bruce Asbury.....10,650
 N. H. Lund.....10,695
 All of Sacramento.

Plans Completed
 RESIDENCE Cost, \$.....
 CASTRO VALLEY, Alameda Co. Cal.
 One-story frame and stucco residence (hardwood floors, tile bath, wood sash, etc.)
 Owner—Mr. Lamb, c/o Contractor.
 Architect—Williams & Wastell, 337 17th St., Oakland.
 Contractor—McWethy & Land, 1730 Franklin St., Oakland.

Contract Awarded
 RESIDENCE Cont. Pr., \$6,350
 SACRAMENTO, Sacramento Co., Cal.
 Two-story frame and stucco residence (6 rooms).
 Owner—Mr. Emigh, c/o Architect.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Contractor—L. Watson, 1768 11th Ave., Sacramento.
 Complete bids follow:
 L. L. Watson.....\$6350
 C. E. DeCuir.....6650

J. F. Porter.....6824
 J. C. Jansen.....6939
 N. H. Lund.....7095
 All of Sacramento.

Preparing Plans
 RESIDENCE Cost, \$11,500
 ATHERTON, San Mateo Co., Calif.
 Lindenwood.
 Two-story frame residence.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 1257 California Ave., Burlingame.

Preparing Plans
 DUPLEX RESIDENCE Cost, \$6,200
 BURLINGAME, San Mateo Co., Cal.
 One-story frame and stucco duplex residence.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 1257 California Ave., Burlingame.

Contract Awarded
 ADDITION Cost, \$13,000
 OAKLAND, Alameda Co., Calif. 751 East 8th St.
 One-story brick addition to bldg.
 Owner—Mrs. F. Belgrano, Prem.
 Plans by R. H. Cooley, 354 Hobart Street.
 Contractor—The John J. Moore Co., 354 Hobart St. 14

Contract Awarded
 RESIDENCE Cost, \$8,500
 BERKELEY, Alameda County, Calif.
 625 San Luis Road.
 One-story frame residence (7 rooms), garage.
 Owner—S. G. Svane, 2351 Virginia Street.
 Architect—E. L. Snyder, 2104 Addison St., Berkeley.
 Contractor—R. H. Parks, 688 Grizzly Peak Blvd. 14

Contract Awarded
 RESIDENCE Cost, \$7,500
 ALAMEDA, Calif. 1230 Caroline St.
 One and one-half story frame residence (6 rooms).
 Owner—Frank D. Chambers.
 Architect—Not Given.
 Contractor—Dodds & Chambers, 1428 Franklin St., Oakland. 14

Contract Awarded
 RESIDENCE Cost, \$6,000
 SAN FRANCISCO, E. Westgate, 50 ft. N. of Upland.
 One-story frame residence.
 Owner—S. E. Flao, 74 Allston Way.
 Architect—Not Given.
 Contractor—D. G. Huengard, 2179 35th Ave. 14

To Be Done By Day's Work
 RESIDENCES (8) Cost, \$4,500 each
 SAN FRANCISCO, E. 48th Ave., N of Anza.
 Eight one-story frame residences.
 Owner & Builder—Herman Christensen, 1801 19th Ave.
 Architect—C. O. Clausen, 746 46th Ave. 14

Contract Awarded
 RESIDENCE Cost, \$6,000
 SAN FRANCISCO, Calif. E. 33rd Ave., 250 ft. S. of Clement St.
 One-story frame residence.
 Owner—E. H. Kenyon, 7045 Geary Street.
 Architect—Not Given.
 Contractor—John Beck, 1600 12th Ave. 14

To Be Done By Day's Work
 RESIDENCES (17) Cost, \$3,500 each
 SAN FRANCISCO, Alemany Blvd., Mt. Vernon St., Rome, Ottawa, Cayuga.
 Seventeen 1-story frame residences.
 Owner & Builder—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not Given. 14

Contract Awarded
 RESIDENCE Cost, \$10,000
 OAKLAND, Alameda Co., Calif. 46 Sonia Street.
 Two-story frame residence (8 rooms)
 Owner—R. Olsen, 162 Mather Street, Oakland.
 Architect—H. Schoening, 3133 Carlsen St., Oakland.
 Contractor—Ralph F. Fickett, 354 Hobart St., Oakland. 14

Contract Awarded
 RESIDENCE Cont. Pr., \$22,330
 HILLSBOROUGH, San Mateo Co., Calif.
 Two-story frame and stucco residence (12 rooms, 4 baths), terra cotta tile roof, oil burning heating plant, wood sash, hardwood floors, tile baths, etc.
 Owner—Sidney W. Miller.
 Architect—Harold G. Stoner, 251 Kearny St., San Francisco.
 Contractor—George Arthur & Sons, 941 S. Claremont, San Mateo.

15—SCHOOLS

Bids Wanted—To Close May 9, 8:00 P. M.
 SCHOOL BLDG. Cost, \$40,000
 TERRA BELLA, Tulare Co., Calif.
 One-story frame and stucco grammar school building (three classrooms and assembly hall), tile and composition roof, hardwood flooring, automatic electric hot water, slate blackboard, etc.
 Owner—Terra Bella Grammar Sch. District.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.

Following contractors have taken out plans:
 Frank O. Sheldon, 205 S. Main St., Porterville.
 R. Hodgson & Sons, 510 2nd St., Porterville.
 C. C. Freye, 500 Mill St., Porterville.
 E. J. Denney, 812 S. F St., Madera.
 W. J. Ochs, Helm Bldg., Fresno.
 Midstate Constr. Co., 501 Pacific Southwest Bldg., Fresno.
 R. W. Brown Constr. Co., 400 N. C St., Madera.

CONTRACTS AWARDED
 ESCONDIDO, San Diego Co., Calif.—Wesco Constr. Co., 2000 Hyperion Ave., Los Angeles, at \$40,558, awarded contract by Escondido Union High School District, for construction of an assembly building and, at \$40,578, for construction of classroom building No. 2 at the present elementary school, Maple and Third Sts., Escondido; John Replage, 910 W. 7th St., San Diego, has been awarded contract, at \$38,890, for classroom building No. 1. Kistner & Curtis, architects, 675 Spreckles Theater Bldg., San Diego. 15

BIDS WANTED
 GLENDALE, Los Angeles Co., Cal.—Until May 2, 4 P. M., bids will be received by the Glendale Board of Education for construction of a two-classroom addition to the John C. Fremont school, Glendale; Erwood P. Eiden, architect, 106 E. Wilson St., Glendale. Plans available at 411 E. Wilson St., Glendale, upon deposit of \$25.00. 15

BONDS VOTED
 SAN BERNARDINO CO., Calif.—Crest Forest Elementary School District, Crestline, San Bernardino Co., voted bonds April 12 in the amount of \$37,000 to finance construction of a 4-room reinforced concrete school building at Crestline. H. L. Gogerty, 6272 Yuca St., Hollywood, architect; S. B. Barnes, Los Angeles, structural engineer. 15

BONDS VOTED

SAN BERNARDINO Co., Calif.—Warm Springs Elementary School District voted bonds April 12 in the amount of \$7500 to finance construction of two additional rooms at the Warm Springs school in San Bernardino county. Earl H. Smith, L. L. Cannon and Irma Sherrill are trustees of the district. * 15

Plans Completed

ADDITIONS Cost, \$250,000
SALINAS, Monterey Co., Calif.

Addition of classrooms and gymnasium dressing rooms for the Junior College and addition of cafeteria and horticultural classroom to the agricultural building at the high school.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans for the first unit, consisting of offices and five classrooms, and estimated at \$30,000, have been completed and forwarded to the State Division of Architecture for approval.

BIDS WANTED

LOS ANGELES, Cal.—Until April 28, 2 p.m., bids will be received by the Los Angeles Board of Education, 1425 San Pedro St., for a one-story class A assembly hall (75 x 145 ft.) to be built at the Canoga Park High School, 850 Topanga Canyon Blvd.; estimated cost, \$99,648. Only a portion of the work, to cost approximately \$45,000, is planned at this time. Hibbard, Gerity & Kerton, architects, 1106 Architects' Bldg.; Paul Jeffers, structural engineer; C. A. Sanborn Co., mechanical engineers.

Bids Wanted—To Close May 16, 7:30 P. M.

GYMNASIUM Est. Cost, \$10,000
LAKEPORT, Lake County, Calif.

One-story frame gymnasium at Clear Lake High School (composition roof, maple floors; no plumbing work).

Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk).

Architect—John Easterly, Healdsburg and Santa Rosa.

Plans and specifications obtainable at the office of the principal at the high school upon deposit of \$10.00.

Bids will be opened at the high school and must be accompanied by a certified check payable to the President of the Board of Trustees, for 10% of bid.

BIDS OPENED

ESCONDIDO, San Diego Co., Calif.

J. K. Thomas, 700 Kress Building, Long Beach, submitted low bid, at \$121,592, to Escondido Union School District for construction of an assembly building and two classroom buildings at the present elementary school at Maple and Third Streets, Escondido. Low bids for the individual buildings were: Classroom Bldg. No. 1, John Replogle, 910 7th Ave., San Diego, at \$38,890; assembly bldg., Wesco Constr. Co., 2000 Hyperion Ave., Los Angeles, at \$40,553; classroom bldg. No. 2, Wesco Constr. Co., \$40,578. Kistner & Curtis, architects, 675 Spreckels Theater Bldg., San Diego.

Total bids for three buildings complete follow:

J. K. Thomas.....	\$121,592
Wesco Constr. Co.....	121,700
O. K. Earl.....	122,900
Harry Muns.....	123,265
Gunnar Johnson.....	123,648
J. & B. Constr. Co.....	124,980
F. E. Young.....	125,244
O. H. Strauser.....	126,700

Atlas Constr. Co.....	127,500
Hunt & Curry.....	127,800
Duff & Vandenhoogen.....	129,500
Chas. W. Peifer.....	131,900
Stark & Schmid.....	132,500
J. E. Burrell & Son.....	134,350
M. H. Golden.....	134,900
T. P. Schultz.....	139,500

Contract Awarded

SHOP BLDG. Cont. Pr., \$119,298
BERKELEY, Alameda County, Calif.
Bancroft Way and Grove St.

First unit of two- and part three-story reinforced concrete & steel shop building, to consist of frame work and foundations, to be constructed on the grounds of the Berkeley High School.

Owner—Berkeley Unified School District (Clara E. Andrews, Secy.), 2325 Milvia St., Berkeley.

Architects—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Guttererson, 526 Powell St., San Francisco.

Contractor—W. K. Van Bokkelen Constr., 430 23rd St., Oakland.

Contract awarded on basis of acceptance of Prop. 1, Item A.

Bids Opened

SCHOOL Cost, \$.....

ANCHORAGE, Alaska.

New grade school and additions to high school.

Owner—Anchorage School District.

Architect—F. A. Naramore, 514 Central Blvd., Seattle.

Low Bidder—MacDonald Const. Co., Colman Bldg., Seattle, \$277,729.

Other bids were:

Warrack Const. Co., 1331 3rd Avenue Bldg., Seattle, \$295,000.

McPherson and Pongrats, Anchorage, \$282,000.

Bids Opened

RECONSTRUCTION

OAKLAND, Alameda Co., Cal. 63rd St. and San Pablo Ave.

Reconstruction of the Golden Gate School (wood - stucco construction).

Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E. Tenth St., Oakland (School Administration Bldg.).

Low Bidder—F. C. Stolte Co., 405 San Antonio Ave., Alameda—\$71,360.

Complete basic bids and (a) allowance for salvage follow:

F. C. Stolte Co., Alameda—\$71,360; (a) \$500.

Peter Sartorio, San Francisco—\$79,825; (a) \$400.

Carl N. Swenson Co., San Jose—\$83,222; (a) \$300.

N. H. Sjoberg & Son, Oakland—\$84,449; (a) \$5,000.

C. I. Wood Constr. Co., San Francisco—\$87,716; (a) \$800.

Monson Bros., San Francisco—\$88,283; (a) \$200.

A. Nelson, Inc., San Francisco—\$88,888; (a) \$25.

Fred J. Early, Jr., San Francisco—\$90,375; (a) \$100.

BIDS OPENED

SANTA MARIA, Santa Barbara Co., Cal.—Doane Bldg. Co., 600 West Main St., Santa Maria, submitted low bid to Santa Maria School District at \$32,850 for construction of a six-classroom addition to the El Camino St. school in Santa Maria.

L. N. Crawford, architect, 8 Gibson-Drexler Bldg., Santa Maria.

Other bids were: O. R. Ochs, \$33,820 Standard Const. Co., \$34,980; Theo. Maino, \$35,340; F. C. Stolte Co., \$36,400; Whittaker & Snook, \$39,000; P. Shelby, \$39,283. 15

OPENING DATE POSTPONED

SAN DIEGO CO., Cal.—Until May 2, 7:30 p.m. bid opening date post-

poned from April 18), bids will be received by the Sweetwater Union High School District for construction of auditorium buildings at both the National City and the Chula Vista Jr. High Schools, an assembly bldg., a shop and a physical education bldg. at the Southwest Jr. High School, and additions to the north and south wings of the senior high school, a PWA project. Cost is estimated at \$85,000. Plans available at the office of Architects Kistner & Curtis, 675 Spreckels Theater Bldg., San Diego, upon deposit of \$5. Certified or cashier's check or bid bond for 5% to accompany bid. 15

LOW BIDDER

CAMARILLO, Ventura Co., Calif.—P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, submitted low bid for construction of St. John's Seminary, to be built on a 100-acre site in Camarillo, for the Roman Catholic Archdiocese of Los Angeles. The seminary will include a main chapel and tower, 3 subsidiary chapels, nuns' convent, offices, library, auditorium, kitchen, living quarters for 200 persons, power and heating plants. Ross Montgomery, architect; Wm. Mulla, associate architect, 3828 Amesbury Rd., Los Angeles. 15

Allotment Granted

SCHOOL Cost, \$.....

NEVADA, Clark County.

Construction of one school building, and additions to three existing school buildings, repairing, altering and remodeling five school buildings, and necessary equipment and landscaping.

Owner—Clark County School Dist.

Architect—Not Given.

PWA allotment (Docket Nev. 1037) granted in the amount of \$45,000 to finance construction.

Preparing Sketches

SCHOOL Cost, \$.....

OAKLEY, Contra Costa Co., Calif.

Construction of one-story frame and stucco grammar school building to contain six classrooms and combination gymnasium and auditorium.

Owner—Oakley Grammar School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

The school district will vote in the near future on a proposal to issue bonds in the amount of \$50,000 to finance construction of the grammar school.

BOND ELECTION

KERN COUNTY, Calif.—Wildwood

School District will hold an election May 12 at which time it is proposed to vote bonds in the sum of \$15,000 to be used to finance school improvements. J. H. Sanders, A. H. Wegis and C. I. Jackson are trustees of the district. 15

Bids Opened

SCHOOL BLDG. Cost, \$.....

SAN LUIS OBISPO, Calif.

Erection and completion of classroom units No. 1 and No. 2 at California Polytechnic School, to consist of two wood frame buildings covered on exterior with wood siding on walls and composition shingles on roof; interior walls are lined with wall board; windows and doors are of wood.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.

Low Bidder—F. C. Stolte Co., 203

Pine St., Pacific Grove, \$41,300.

Segregated bids were received as follows: (1) General work combined

for both buildings; (2) plumbing and heating work combined for both the buildings; (3) electric work combined for both buildings.

Complete bids follow:

General Work

F. C. Stolte Co., Pacific Grove. \$41,300
Dan Caputo, San Jose. 41,661
*Empire Const. Co., S. F. 42,840
T. M. Maino, San Luis Obispo 45,087
H. Mason, Los Angeles. 46,990
Arthur Pinner, Jr., L. 48,843

Electric Work

Collins Electrical Co., 708 E Market St., Stockton. \$3,277.77
Cline Electric Shop, San Luis Obispo. 3,435.00
Calif. Elec. Co., Santa Barbara. 3,472.00
Cory & Joslin, Inc., S. F. 3,540.00

Plumbing and Heating

Smees Plbg. & Htg. Co., San Luis Obispo. \$7,574
Kenner, Frasier, Pasadena. 7,640
Earl O. Stice Co., L. A. 8,349
Cory & Joslin, Inc., S. F. 9,092
*Bid includes telegraphic deduction of \$5,160.

Allotment Granted

SCHOOL BLDGS. Est. Cost, \$365,000
EAST BAKERSFIELD, Kern Co., Calif.

Work consists of the construction of two school buildings to be located at East Bakersfield, Cal. It includes the erection of a reinforced concrete main building, containing an auditorium, study hall, classrooms, library and administration offices, and gymnasium and a temporary shop bldg. The main building will be two stories high except the auditorium section. Steel sash, wood doors and trim, steel trussed roof, composition roofing, wood floors in classrooms over concrete slabs, concrete slab floors in corridors.

Owner—Kern County Union High School District.

Architect—Not Given.

Allotment is a grant of \$164,250; Docket W-1617. 15

Allotment Granted

SCHOOL BLDGS. Est. Cost, \$109,000
CARPINTERIA, Santa Barbara Co., Calif.

Work consists of the construction of two 1-story frame school buildings, equipping of same, improving of grounds and the construction of tennis courts and purchase of land for school site. It will be of stucco exterior, tile roof, structure containing eight activity type classrooms, a kindergarten unit, the usual administrative offices, a shop unit, an auditorium unit, a cafeteria and music room unit.

Owner—Carpinteria Union School District.

Architect—Not Given.

Allotment is a grant of \$49,050; Docket W-1607. 15

Allotment Granted

SCHOOL Est. Cost, \$175,000
UPLAND, San Bernardino Co., Cal.

Work consists of the construction of a school building and necessary equipment therefor and the construction of shelters and the improvement of the school grounds. The building is to contain 25,000 square feet, the shelters 3,000 sq. ft. and the terraces 6,000 sq. ft. Owner—Upland School District.

Architect—Not Given.

Allotment is a grant of \$78,750; Docket W-1698. 15

Contract Awarded

SCHOOL Cont. Pr., \$272,000
ANCHORAGE, Alaska.
New grade school and addition to high school.

Owner—Anchorage School District.

Architect—F. A. Naramore, 514 Central Blvd., Seattle.

Contractor—MacDonald Constr. Co., Colman Bldg., Seattle.

Contract price minus amount for entire high school gym; award subject to PWA approval.

Allotment Granted

SCHOOLS Est. Cost, \$98,181
ROSEBURG, Douglas Co., Oregon.

Work consists of the construction of a new grade school building to replace the old Fullerton School, and reconstructing and adding to the old Rose School building located in Roseburg, Douglas Co., Ore. The present Fullerton Sch. is in the northwestern part of the district, just outside the city limits. It is planned to construct the new school on a site inside the city limits adjoining the Senior High School and about 400 yards from the old building. It will be one story with concrete walls and interior of wood construction. It will contain six classrooms and an assembly room and will be approximately 58 ft. wide by 167 ft. long. The Rose School is in the southeastern part of the district. It is planned to remove the second story, remodel the first story, and add to the areas covered by the old school with construction of concrete walls and wood frame interior, making of the whole a one-story building about 80 x 186 feet containing eight classrooms and an assembly room. The old brick walls will be retained to the new roof line and stuccoed to match the new concrete construction.

Owner—School District No. 4, Douglas County.

Architect—Not Given.

Allotment is for a grant of \$44,181; Docket W-1178. 15

Contract Awarded

RECONSTRUCTION Cost, \$.....
OAKLAND, Alameda Co., Cal. 63rd Street and San Pablo Avenue.

Reconstruction of Golden Gate School (wood-stucco construction).

Owner—Oakland School District.

Architect—W. G. Corbett, 2nd Ave. and E 10th St., Oakland (School Administration Bldg.)

Low Bidder—F. C. Stolte Co., 1405 San Antonio Avenue, Alameda, \$71,360.

Contract awarded low bidder subject to the approval of the district attorney.

Allotment Granted

SCHOOL Est. Cost, \$62,400
PIMA, Graham County, Arizona.

School bldg. to be located at Pima, Arizona. It will be a one-story structure of substantial construction, brick, concrete, tiled roof, and hardwood floors; to have 5 classrooms, office, nurse's office and rest room in the main structure, with two additional rooms connected to the arcade-corridor.

Owner—School District No. 6 of Graham County.

Architect—Not Given.

Allotment is a grant of \$28,080; Docket W-1100. 15

CONTRACT AWARDED

SAN FRANCISCO—M. Greenberg's Sons, 765 Folsom St., at \$41,20, was awarded contract by the Department of Public Works, Room 251, City Hall, for furnishing and installing one bronze plaque over cornerstone at Alta Vista School.

Allotment Granted

SCHOOL Est. Cost, \$364,500
PRESCOTT, Yavapai Co., Arizona.

Work consists of making minor alterations and repairs to the existing high school building. It is contemplated to build a classroom building 262 ft. front facade, two stories in height. Area 867,000 cu. ft. An auditorium with stage and dressing rooms, a central heating plant, the house which is detached and set in the court formed by the auditorium and gymnasium wings, at the rear of the classroom building. Owner—Prescott High School Dist. Architect—Not Given.

Allotment is a grant of \$164,025; Docket W-1077. 15

Sub Contracts Awarded

SCHOOL Cont. Pr., \$135,665
BURLINGAME, San Mateo Co., Cal. Cor. Bayswater Ave. and Park Road.

Two-story steel frame and reinforced concrete Saint Catherine's School (8 classrooms, large auditorium), modified Gothic architecture.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Structural Engineer—L. H. Nishkian, 325 Market St., San Francisco.

Contractor—Moore and Roberts, 693 Mission St., San Francisco.

Floors—Frank A. Grunert, P.O. Box 263, Menlo Park.

Window Hardware—Dalmo Sales Corp., 511 Harrison St., S. F.

Electric Wiring—Alta Electrical & Mechanical Co., Inc., 467 O'Farrell St., S. F.

Blackboards—American Seating Co., 207 Van Ness Ave. So., S. F.

Steel Pans—Stille Steel Co., 1750 Army St., S. F.

As previously reported: Steel forms, Soule Steel Co., 1750 Army St., S. F.; Mill Work, Pacific Mfg. Co., Santa Clara.

Allotment Granted

SCHOOL Est. Cost, \$34,545
MARICOPA COUNTY, Arizona.

Kyrene Community, 16 miles SE of Phoenix.

Construction of a new school bldg. contiguous to the present facilities.

It will consist of a basement story with space for manual training, domestic science laboratory, kitchen, students' dining room, shower and locker rooms, dressing rooms and heating plant; and a main floor with two classrooms, auditorium and stage, office and lavatories.

Owner—State of Arizona.

Architect—Not Given.

Allotment is for a grant of \$15,545 and a loan of \$19,000. Docket W-1013. 15

Allotment Granted

SCHOOL BLDGS. Est. Cost, \$271,033
SAN DIEGO, Calif.

Construction of five school buildings and an addition to two existing school buildings located at San Diego, Calif. The Hoover High School addition will be a two-story, eight-room structure, with reinforced concrete foundation and walls; wood floors in classrooms and wood roof. Also a one-story frame, two-classroom and auditorium building with solarium. It will have reinforced concrete foundations, wood roof and floors. A one-story frame, one-classroom addition with concrete foundation, wood floor and roof, composition roofing. Four wood frame gymnasium buildings to be located at different school sites, namely, the Memorial Junior and Point Loma High Schools. Owner—San Diego Unified Sch. District.

16—BANKS, STORES AND OFFICES

Plans Being Figured—Bids Close

April 29, 2 P. M.
OFFICE BLDG. Cost, \$.....
OAKLAND, Alameda County, Calif.
Franklin St.
One-story reinforced concrete office building to contain 10 offices.
Owner—Edward Brown & Son, 1916 Franklin St., Oakland.
Architect—G. E. Ellinger, 1801 Castelline Road, Oakland.
Separate bids for general construction and heating and lighting fixtures are being received from a selected list of contractors.

Preparing Plans
STORE BLDG. Cost, \$.....
MONTEREY, Calif.
Store building to contain small restaurant; barber shop; soda fountain.
Owner—Jack Malomay, c/o Archt.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Plans Completed
REMODEL BANK Est. Cost, \$10,000
HOLLISTER, San Benito Co., Calif.
Remodel entire interior of bank bldg., change entrance, install new counters, cages and screens; enlarge lobby; new offices.
Owner—Hollister National Bank (Ira Morris, Manager).
Architect—Not Given.
Work will start as soon as final details for the contract have been made.

CONTRACT AWARDED

WATSON, Calif.—Stanton - Reed Co., 816 W 5th St., Los Angeles, has been awarded contract by Richfield Oil Corp., 555 S. Flower St., Los Angeles, for a 16-room office building, 83x55-ft. in area, and a shower and toilet room building to be built at Sepulveda Blvd. and Alameda St., Watson. Cost, \$39,000. Plans by Grant & Bruner, 607 Ferguson Bldg., Los Angeles. Buildings will go on site of \$4,000,000 refinery now under construction for Richfield by C. F. Braun & Co. 16

CONTRACT AWARDED

SAN BERNARDINO, Cal.—William P. Neil Co., 4814 Loma Vista Ave., Los Angeles, awarded contract for construction of an office, laboratory and garage building; also a gasoline shed in San Bernardino for the Ethyl Gasoline Corp. The following work is not included in the general contract; Fence work, metal sash partitions, Venetian blinds, fire covering, oil burners and vent. ducts, fans and hoods. The plant will cost approximately \$100,000. 16

Contract Awarded
BANK FIXTURES Cost, \$.....

SANTA CLARA, Calif.
New bank fixtures and mill work at the Santa Clara Branch of the Bank of America.
Owner—Capital Co., 625 Market St., San Francisco.
Plans prepared by Constr. Dept. of Owner.

Contractor—S. Kulchar & Co., 731 E. 10th St., Oakland.

Contract Awarded
BANK FIXTURES, ETC. Cost, \$.....

FRESNO, Calif.
New bank fixtures and mill work at the West Fresno Branch of the Bank of America.
Owner—Capital Co., 625 Market St.,

San Francisco.
Plans prepared by Construction Department of Owner.
Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

Contract Awarded
OFFICE BLDG. Cost, \$25,800
SAN JOSE, Santa Clara Co., Calif.

North Second St.
Construction of new office building.
Owner—Santa Clara County Fire Insurance Co., San Jose.
Architect—Not Given.
Contractor—Carl N. Swenson Co., 355 Stockton Ave. 16

Plans Completed
OFFICE BLDG. Cost, \$25,000
SAN JOSE, Santa Clara Co., Calif.
North Second Street.

One-story concrete office bldg. (69x 80-ft.)
Owner—Santa Clara County Fire Insurance Co., Porter Bldg., San Jose, C. H. Spaulding, Sec.-Mgr.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Contract for construction will probably be let within a few days.

Preparing Working Drawings
CLUB HOTEL Est. Cost, \$450,000
TACOMA, Wash. Waterfront site of 128 acres with 425 ft. frontage on Puget Sound near Redondo Bch. Complete recreational hotel, 6 stories and ground floor, 288x168-feet in figure describing double Y, with heavy central base; semi-modern design (masonry exterior walls, wood interior construction, concrete swimming pool on ground floor, 40x72-ft.)
Owner—Puget Sound Yacht & Country Club, M. E. Arnold, Fidelity Bldg., Tacoma.
Architect—Silas E. Nelsen, 407 Sheridan Ave. South, Tacoma.

Plans Completed
OFFICE BLDG. Cost, \$.....
OAKLAND, Alameda County, Calif.
Franklin St.

One-story reinforced concrete office building to contain 10 offices.
Owner—Edward Brown & Son, c/o Architect.

Architect—G. E. Ellinger, 1801 Castelline Road, Oakland.

General bids will be received shortly by the architect from a selected list of contractors.

17—THEATRES

CONTRACT AWARDED

SELMA, Fresno Co., Calif.—Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno, awarded contract for altering the Woodward Bldg. at 1944 High St., Selma, into a modern theater, with seating capacity of 900 theatergoers, for Mrs. Helen Seiter of the Seeler Theater Co., San Francisco. Cost, \$10,000. S. Chas. Lee, architect, 1645 Wilshire Blvd., Los Angeles. 17

Sub Contracts Awarded
THEATER Est. Cost, \$60,000
GRIDLEY, Butte Co., Calif. Spruce and Kentucky Sts.

New theater to seat 700, to be called The Butte Theater.

Owner—Associated Theatrical Enterprises.

Architect—Not Given.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Sheet Metal—Gaffigan Sheet Metal Works, 309 8th Ave., San Mateo.
Glass—W. P. Fuller Co.
As previously reported: Trusses, Arch-Rib Truss Co., 608 16th Street, Oakland; Lumber, Diamond Match Co., Chico; Plumbing, E. H. Meyer, Gridley.

18—WHARVES & DOCKS

FIRES LOSS

SAN FRANCISCO.—On April 15th fire destroyed the pile foundations and deck at Pier 48-B, Embarcadero, with damage unofficially estimated at \$50,000.

Preliminary survey indicated no damage had been done to the superstructure. 18

BIDS OPENED

LOS ANGELES, Calif.—Bids for manufacturing and driving reinforced concrete bearing piles for wharf at Berths 57 to 60, Spec. 976, were opened by Los Angeles Harbor Commissioners. The items were:

- SEC. A-1: Manufacturing, transporting and driving concrete bearing piles for one-half wharf:
- (1) 38,232 ft. making and impregnating with asphalt by vacuum pressure process reinf. concrete jacketed bearing piles, 19-21-in. square and loading finished piles on barges;
 - (2) 38,232 ft. making reinf. concrete bearing piles encased in asphalt impregnated concrete protecting slabs, 19-22-in. square (Alt. to No. 1);
 - (3) transporting and driving either type of impregnated reinforced concrete bearing piles at Berths 57-60;

SEC. A-2: Manufacturing, transporting and driving concrete bearing piles for full length of wharf.

- (4) 74,664 ft. same as item No. 1;
 - (5) 74,664 ft. same as item No. 2;
 - (6) 74,664 ft. same as item No. 3;
- SEC. B-1: Manufacturing concrete bearing piles only for one-half wharf:
- (7) 38,232 ft. same as item No. 1;
 - (8) 38,232 ft. same as item No. 2;

SEC. B-2: Manufacturing concrete bearing piles only for full length of wharf:

- (9) 74,664 ft. same as item No. 8;
 - (10) 74,664 ft. same as item No. 9;
- SEC. C-1: Transporting and driving:
- (12) 38,232 ft. transporting and driving either type for ½ wharf;
 - (13) 74,664 ft. transporting and driving either type for full length of wharf.

The bids were:
Ben C. Grewick, Inc., San Francisco, (12) \$835; (13) \$755; (14) \$742.
Shannan Bros., Inc., Los Angeles, (12) \$220; (13) \$217; (14) \$525.

Rohl - Connolly Co., Los Angeles: (12) \$95; (13) \$90; (14) \$500.

Warren Southwest, Inc., Los Angeles: (1) \$620 (Alt. \$740); (2) (3) no bids; (4) \$18; (5) \$738; (6) no bid; (7) \$1250; (8) \$499; (9) \$624; (10) \$497; (11) \$622; (12) \$140; (13) \$140; (14) \$1250.

Newport Dredging Co.: (1) \$706; (2) \$838; (3) no bid; (4) \$701; (5) \$833; (6) no bid; (7) \$1520; (8) \$551 (9) \$683; (10) \$551; (11) \$683; (12) \$155; (13) \$150; (14) \$1520.

Raymond Concrete Pile Co.: (1) \$673; (2) \$798; (3) no bid; (4) \$668 (5) \$793; (6) no bid; (7) \$14; (8) \$530; (9) \$655; (10) \$525; (11) \$650; (12) \$143; (13) \$143; (14) \$14.

19—MISC. CONSTRUCTION

BIDS WANTED

WASHINGTON, D. C.—Until May 3, bids will be received by the Commerce Dept., Maritime Commission, Washington, D. C., for construction of twelve single-screw steel cargo vessels. Bids will be submitted on from one to six ships.

The proposed vessels will be 435 ft. long, of 63 ft. beam, and with a load draft of 25½ ft., and a displacement of 13,900 tons.

Estimated cost: \$18,000,000 to \$23,-

Specifications may be obtained from the above office upon deposit of \$100.00. 19

BIDS OPENED

LOS ANGELES, Cal.—R. A. Wattson, 1026 N. McCadden Place, at \$1.75 hr., total \$2625, 1% 10 days, submitted low bid to U. S. Engineer, Los Angeles, for rental of concrete mixer for 150 hours. Invt. 435.

Brown-Bevis Equip. Co. submitted only other bid at \$1.90 hr.; total \$2,850; bid based on not receiving award on Invt. 428.

BIDS WANTED

FORT MASON, Cal.—Until May 17 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-298, for the construction and equipment of a single screw Diesel steel tug; to be delivered to the QM. Corps afloat at Ft. Armstrong, Honolulu, T. H. 19

LOW BIDDER

SAN FRANCISCO.—General Engineering & Dry Dock Co., 1100 Sansome St., San Francisco, at \$9315.30, submitted low bid and was recommended for award by the Department of Commerce Lighthouse Service, H. W. Rhodes, Supt. of Lighthouses, Room 425, Custom House, San Francisco, under Pro. No. 0494, for docking, cleaning, painting and repairing lighthouse tender, "Lupine." 19

GRANT ALLOTTED

ALTURAS, Modoc Co., Calif.—The REA has allotted the Surprise Valley Electrification Corp., Alturas, (N. J. Churchill, project supt.), \$27,500 to build approximately 20 miles of line. The project previously has been allotted \$110,000 to build 349 miles of line to serve 808 customers in Modoc and Lassen Counties, Calif., and Lake Co., Ore., and \$90,000 to construct a generating plant. 19

FUNDS ALLOTTED

UMATILLA CO., Ore.—The REA has allotted \$68,276.65 to the Umatilla Elec. Cooperative Assn., Hermiston, Ore., to aid in construction of 126 miles of lines to serve 410 customers in Umatilla and Morrow Counties, Ore. Most of the funds mentioned above will be used for construction materials, it is announced. A previous allotment brings the total funds for new lines to \$105,000. Superintendent is J. E. Saylor, Portland; engineer, Baar & Cunningham, Portland; attorney, W. J. Warner; contractors, Newport Const. Co. and Kern & Kibbe, Portland. 19

Bids Rejected

REMODEL MORTUARY Cost, \$..... OAKLAND, Alameda Co., Calif. 1445 Fifth Ave.

General remodeling of present bldg. Owner—Anchor Co., Oakland and Peterson, 1445 4th Ave., Oakland. Architect—Alben Froberg, 1855 Webster St., Oakland.

Bids ran high and were rejected. New bids will be asked at a later date.

BIDS OPENED

EL CENTRO, Imperial Co., Cal.—Bids for furnishing 33,000-volt power substation equipment for the Imperial Valley power project, PWA Docket Calif. 1088-D, Spec. No. 8, were opened by the Imperial Irrigation District. The bids were referred to M. J. Dowd, chief engineer and general superintendent, for analysis and report. The bids were taken on the following items:

- (1) 13 34,500-volt, 3-pole, 60-cycle, 600-amp., oil circuit breakers; fob Brawley;
- (2) 2 7500-volt, 3-pole, 60-cycle, 600-amp. oil circuit breakers; fob El Centro;
- (3) 14 7500-volt, 3-pole, 60 cycle, 600-amp. automatic-reclosing oil circuit breakers; fob El Centro;
- (4) 7 12,500-volt, 3-pole, 60-cycle, 100 amp., automatic spring-operated reclosing oil circuit breakers; fob Brawley;
- (5) 7 automatic step-voltage feeder regulators, 11,500-volt, 3-phase, 4-wire, 50-kva., 25-in. amp., outdoor, self-cooled, 6 cycles, regulation 10 per cent buck and boost in 32% per cent steps; fob Imperial;
- (6) 10 automatic step-voltage feeder regulators, 4160-volt, 3-phase, 4-wire, outdoor, self-cooled, 60-cycles, regulation 10% buck and boost in 32% steps; fob Imperial, as follows:
 - (a) 3 375-kva., 520-line ampers;
 - (b) 2 216-kva., 300-line ampers;
 - (c) 2 144-kva., 200-line ampers;
 - (d) 3 72-kva., 100-line ampers;
- (7) 4 air-break switches, automatic opening, 3-pole, 34,500-volt, 400-amp., complete with current transformers mounted in post type insulators, relays, tripping mechanism, hand operating levers; fob Imperial;
- (8) 4 air-break switches, automatic fault selection and synchronizing, 3-pole, 34,500-volt, 400-amp., complete with relays, no-voltage trips, reclosing mechanism and hand-operating mechanism; fob Imperial;
- (9) 25 disconnecting switches, 3-pole 34,500-volt, 400-amp., complete with operating mechanism; fob Brawley;
- (10) 8 grounding switches, 3-pole, 34,500-volt, complete with operating mechanism; fob Brawley;
- (11) 10 disconnecting switches with drop-out fuse cutouts attached, 3-pole, 34,500-volt, 400-ampere switch rating, 50-amp., fuse cut-out rating, complete with operating mechanism; fob Imperial;
- (12) 42 disconnecting switches, single pole, 34,500-volt, 200-amp. latched blade, hook-stick operated, complete; fob Brawley;
- (13) 15 air-break switches, 3-pole, 15,000-volt, 200-amp., complete with operating mechanism, fob Brawley;
- (14) 44 disconnecting switches, 3-pole 7500-volt, complete with operating mechanism; fob Imperial, as follows:
 - (a) 3 1200-amp.;
 - (b) 34 600-amp.;
 - (c) 5 400-amp.;
- (15) 60 disconnecting switches, single pole, hook-stick, latched-type, 7,500-volt, complete; fob Imperial, as follows:
 - (a) 18 1200-amp.;
 - (b) 12 600-amp.;
 - (c) 30 400-amp.;
- (16) 117 lightning arrester units complete, fob Imperial, as follows:
 - (a) 6 station-type units for 34,500-volt, grounded neutral circuits;
 - (b) 57 distribution-type units for 34,500-volt, grounded neutral circuits;
 - (c) 54 distribution-type units for 5,000-volt, grounded neutral circuits;
- (17) 59 potential transformers, outdoor type, complete, fob Imperial, as follows:
 - (a) 6 potential transformers, 34,500/115-volt, 500-volt-ampere;
 - (b) 16 potential transformers, 23,000/115-volt, 200-volt-ampere;
 - (c) 21 potential transformers, 6900/115-volt, 200-volt-ampere;
 - (d) 16 potential transformers, 4600/115-volt, 200-volt-ampere;
- (18) 41 current transformers, outdoor type, complete; fob Imperial, as follows:
 - (a) 4 current transformers, 50/5-amp., for 5000-volt circuits;
 - (b) 4 current transformers, 75/5-amp., for 5000-volt circuits;
 - (c) 4 current transformers, 150/5-amp., for 5000-volt circuits;
 - (d) 4 current transformers, 300/5-amp., for 5000-volt circuits;
 - (e) 4 current transformers, 400/5-amp., for 7500-volt circuits;
- (19) 30 drop-out fuse cutouts, single-pole, single-shot, 34,500-volt, 50-amp., complete with supporting brackets; f.o.b. Imperial;
- (20) 12 repeating fuse cutouts, 5-kva, 100-amp, 3-shot, complete with supporting brackets, f.o.b. Imperial;
- (21) 2 storage batteries, lead-acid type, consisting of 60 nine-plate cells, complete; f.o.b. Brawley;
- (22) Two motor-generator battery charging sets, each complete with induction motor; "Divertor Pole" type D C generator, 0.5 kw, 140 volts maximum; and control panel, complete; f.o.b. Brawley;
- (23) one switchboard for substation and transmission line control, complete with four panels, instruments, relays, and accessories; f.o.b. El Centro;
- (24) 12,450 ft. insulated cable for power and control circuits in sizes and lengths as listed; f.o.b. Brawley, as follows:
 - (a) 3000 ft 75,000-C M, single-conductor, stranded cable, 5001-6000-volt classification;
 - (b) 800 ft No 1/O duplex stranded cable, 601-1000-volt classification;
 - (c) 2400-ft No 8 four-conductor cable, 601-1000-volt classification;
 - (d) 4300 ft No 12 four-conductor cable, 601-1000-volt classification;
 - (e) 1200 ft No 12 duplex stranded cable, 601-1000-volt classification;
 - (f) 400 ft N 1/O single conductor stranded cable, 5001-6000 volt classification;
 - (g) 350 ft No 4/O single conductor stranded cable, 5001-6000 volt classification.

The bids were:

Westinghouse Elec. Supp. Co., L. A.—(9) \$13,235.50, (10) \$1,829.28, (11) \$5,231.27, (12) \$1,719.59, (13) \$2,795.45, (14) \$13,823.63, (15) \$2,283.51, (16) \$6,711.36, (17) \$12,184.30, (18) \$2,560.58, (19) \$2,856.13, (20) \$435.69, (23) \$4,377.50; tax included.

Kelman Elec. & Mfg. Co., L. A.—(1) \$37,635; no tax.
Delta-Star Elec. Co., Chicago—(8) \$4,480.50, (9) \$13,235.50, (10) \$1,829.28, (11) \$4,528.81, (12) \$1,719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51; tax included.

The Standard Transformer Co., Warren, Ohio—(17) \$10,570; no tax;

(18) \$2,103; no tax.

General Contractors Co., Minn.—(23) \$5,585; no tax.

Hi-Voltage Equip. Co., Cleveland, Ohio—(9) \$13,235.50, (10) \$1,829.28, (11) \$5,219.42, (12) \$1,719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51; tax included.

Phelps-Dodge Copper Prod. Corp., N. Y.—(24) \$4,497.40; tax included.

Line Material Co., L. A.—(7) \$5,477.54, (8) \$4,895.59, (9) \$13,235.50, (10) \$1,829.28, (11) \$4,528.81, (12) \$1,719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51, (9) \$1,144.31, (20) \$435.69; tax included.

Schweitzer & Conrad, Inc., Chicago—(9) \$13,235.50, (10) \$1,829.28, (11) \$4,528.21, (12) \$1,719.59, (13) \$2,796.45,

(14) \$13,823.63, (15) \$2,283.51, (19) \$1-196.61, (20) \$435.69; tax included.
 Elec. Power Equip. Corp., Philadelphia, Penn.—(9) \$1,235.50, (10) \$1-829.28, (11) \$5,219.42, (12) \$1,719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2-280.51, (9) \$1,581.05; tax included.
 Th. Electric Prod. Co., Cleveland, Ohio—(22) \$1,110.84; tax included.
 Simplex Wire & Cable Co. of Cal., San Francisco—(24) \$4,480.02; tax included.
 Standard Wholesale Elec. Co. L. A.—(24) \$4,830.92; tax included.
 Westinghouse Elec. & Mfg. Co., L. A.—(1) \$48,663.38, (2) \$1,366.81, (3) \$18,959.21, (5) \$29,370.72, (6) \$54,429.73, (9) \$1,235.50, (10) \$5,219.42, (11) \$5-231.27, (12) \$1-719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51, (16) \$6,711.58, (17) \$12-164.30, (14) \$13,823.63, (15) \$2,283.51, (16) \$6-711.13, (17) \$12,164.30, (18) \$2,560.58, (19) \$2,856.19, (23) \$4,377.50; tax included.
 Okonite-Callender Cable Co., Pascale, N. J.—(24) \$4,830.92; tax included.
 Electric Supply Dis. Co., L. A.—(5) \$29,370.72, (6) \$54,429.73, (9) \$1,235.50, (10) \$1,829.28, (11) \$5,231.27, (12) \$1-719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51, (16) \$6,711.58, (17) \$12-164.30, (14) \$13,823.63, (15) \$2,283.51, (16) \$6-711.13, (17) \$12,164.30, (18) \$2,560.58, (19) \$2,856.19, (23) \$4,377.50; no tax.

The Electric Storage Battery Co., L. A.—(21) \$2,296.64; tax included.
 Gould Storage Battery Corp., Depew, N. Y.—(21) \$1,053.69, (22) \$2-008.50; tax included.
 Industrial Engng. & Equipment Corp., L. A.—(12) \$1,719.59, (16) \$6-006.22, (20) \$435.69; tax included.
 General Elec. Co., N. Y.—(5) \$29-065.17, (6) \$51,969.95, (9) \$13,501.10, (10) \$1,892.20, (11) \$5,219.42, (12) \$1-719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51, (16) \$6,657, (17) \$11-524.26, (18) \$2,014.45, (19) \$1,581.05, (21) \$1,718, (22) \$1,508, (23) \$4,659, (24) \$4,499; tax included.
 R. E. Uptegraff Mfg. Co., Pittsburg, Penn.—(17) \$11,245.54, (18) \$2-280.42; tax included.
 General Cable Corp., L. A.—(24) \$4,527.26; tax included.

Railway & Industrial Engrg. Co., Greensburg, Pa.—(7) \$4,955.20, (9) \$14,454.75, (9) \$1,235.50, (10) \$1,829.28, (11) \$5,219.42, (12) \$1,719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51, (16) \$6,711.58, (17) \$12-164.30, (14) \$13,823.63, (15) \$2,283.51, (19) \$1,581.05, (20) \$435.69; tax included.
 Pacific Elec. Mfg. Corp., San Francisco—(1) \$46,327.34, (2) \$12,900.07, (3) \$17,217.48, (4) \$1,910.65, (9) \$1,235.50, (10) \$1,829.28, (11) \$5,219.42, (12) \$1,719.59, (13) \$2,796.45, (14) \$13,823.63, (15) \$2,283.51, (19) \$1,581.05, (20) \$435.69; tax included.
 Allis-Chalmers Mfg. Co., L. A.—(1) \$50,337, (2) \$1,305, (5) \$28,469.33, (6) \$54,711.66, (9) \$1,076.75, (13) \$2-536.89, (23) \$4,789.50; tax included.
 Bowie Switch Co., L. A.—(7) \$522.00, (8) \$455.00, (9) \$1,235.50, (10) \$1,829.28, (11) \$5,219.42, (12) \$1,719.59, (13) \$2-796.45, (14) \$13,823.63, (15) \$2,283.51, (19) \$1,581.05, (20) \$435.69; no tax.
 Maydwell & Hartzell, Inc., L. A.—(9) \$12,850, (10) \$1,776, (11) \$4,936, (12) \$1,669.50, (13) \$2,715, (14) \$13,421, (15) \$2,217, (19) \$1,151.20, (20) \$423; no tax.
 W. W. Goodson, Secy., Imperial Irrigation District. * 19

Specifications obtainable from the above office. * 20

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Atlas Elec. & Eng. Co., 956 Folsom St., San Francisco, at \$195, submitted low bid to and was awarded the contract by the San Mateo City Council, City Hall, San Mateo, for extensions to the fire line system and installation of fire alarm boxes on various streets in San Mateo.
 The only other bidder was Frank G. Lynn, San Francisco, at \$1295. * 20

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Universal Mfg. and Dist. Co., 676 Mission St., San Francisco, at \$665, submitted low bid to the San Mateo City Council, City Hall, San Mateo, for furnishing seven fire alarm boxes. No other bids were submitted.
 The contract was awarded to the low bidder. * 20

BIDS OPENED

OAKLAND, Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$4192.40, submitted the low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing (1) 1000 tons of macadam rock, (2) 280 tons coarse rock screenings, (3) 150 tons fine rock screenings, (4) 100 tons asphaltic road oil, for use in paving Maritime St.
 Complete bids follow:
 Lee J. Immel, Berkeley—(1) \$1.73, (2) \$1.83, (3) \$2.00, (4) \$16.50; total, \$4,192.40.
 Ransome Co., Emeryville—(1) \$2.03, (2) \$2.03, (3) \$2.36, (4) \$18.40; total, \$4,822.40.
 Heafey-Moore Co., Oakland—(1) \$2.20, (2) \$2.30, (3) \$2.50, (4) \$20.00; total, \$5,219.
 Bids taken under advisement. * 20

BIDS OPENED

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$9980, submitted the only bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing crusher run rock for use in surfacing the Airport. * 20

CONTRACT AWARDED

OAKLAND, Cal.—Standard Oil Co. at \$43,141.40 (Items 1, 2 and 4) and the Petrol Corp., at \$4660 (Items 3 and 6) were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing 352,000 gals. of gasoline and 40,000 gals. of kerosene. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Pacific Iron & Steel Co., at \$7,330.51, was awarded contract by Metropolitan Water District Purchasing Agent, Los Angeles, for steel stairway complete with steel floor plates, ladders, railings, etc., delivered to Rice for Hayfield pumping plant; Bid 97600. Other bids were:
 Penn Iron & Steel Co.—\$7459.89.
 Consolidated Steel Corp.—\$9281.33.
 Buehler Tank & Welding Works—\$9742.77. * 20

CONTRACT AWARDED

PROVO RIVER PROJECT, Utah.—Salt Lake Valley Sand & Gravel Co., Salt Lake City, Utah, at \$17,104, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1038-D, for furnishing and delivering 14,000 tons of sand and 22,000 tons of gravel, for the construction of the Deer Creek Dam and railroad and highway re-locations, Provo River Project. * 20

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Henry J. Kaiser Co., 1522 Latham Square Bldg., Oakland, at \$35,800, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 1024-D, for furnishing and delivering 39,000 tons of gravel and 27,000 tons of sand for an 8-mile section of the Contra Costa Canal, Delta Division, Central Valley Project. * 20

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Wickwire Spencer Steel Co., 101 Townsend St., San Francisco, submitted low bid and was awarded contract by the Forest Service, Geo. D. Heustis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1212, for furnishing chain link wire fence materials; f.o.b. (1) shipping point, (2) f.o.b. Redding.
 Complete bids follow:
 Wickwire Spencer Steel Co., 101 Townsend St., S. F.—(1) \$1498, (2) \$1564; 2% 20 days.
 California Wire Cloth Co.—(1) \$1-535; (2) \$1619; net.
 Standard Fence Co.—(1) \$1554; (2) \$1628; net.
 Anchor Post Fence Co.—(1) \$1586; (2) \$1720; net.
 Page Division of American Steel & Wire Co.—(1) \$1800; (2) \$2201; net. * 20

BIDS OPENED

PASADENA.—Seven identical bids were submitted to Pasadena city clk., at \$108,725.26, for furnishing lead-covered copper cable, by: General Cable Corp., Kennicott Wire & Cable Corp., Anaconda Wire & Cable Corp., Okonite Corp., John A. Roebling's Sons, General Elec. Corp., and Gray-har Elec. Co. * 20

BIDS OPENED

SAN FRANCISCO, Cal.—Following bids were submitted to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1985, for furnishing (1) twenty-five 6-in. and (2) twenty-five 8-in. cast-iron tapping valves from City's pattern; S. F. Water Dept.—(1) \$21.56; (2) \$30.84; net.
 M. Greenberg's Sons—(1) \$40; (2) \$55.
 Steiger & Kerr Stove & Foundry Co.—(1) \$42.60; (2) \$56.30.
 Bids taken under advisement. * 20

BIDS OPENED

SAN FRANCISCO.—Harron, Rickard & McCone Co., 2070 Bryant St., at \$1.99 per foot, 2% 30 days, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 863-38-120, for furnishing 800 feet of high-grade plow steel, wire rope; fob Army Transport Docks, Fort Mason.
 Total bids follow:
 Harron, Rickard & McCone Co., 2070 Bryant St., \$1.99 per foot, 2% 30 days.
 Havisdie Wire Rope Co., \$2.15 per foot, 2% 30 days.
 A. Leschen & Son Rope Co., \$2.15 per foot, 2% 30 days.
 American Chain & Cable Co., \$2.15 per foot, 2% 30 days.
 John A. Roebling's Sons Co., \$2.15 per foot, 2% 30 days.
 General Machinery & Supply Co., \$2.1503, 2% 30 days. * 20

BIDS OPENED

SAN FRANCISCO.—Following bids were submitted to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 863-38-121, for furnishing Douglas fir lumber for Midway Island:

20—MISC. SUPPLIES AND MATERIALS

BIDS WANTED

SAN FRANCISCO.—Until April 23, 3 p.m., bids will be received by the U. S. Engineer Office, 401 Custom House, Lt.-Col. J. A. Dorst, District Engineer, San Francisco, under Spec. No. 868-38-134, for furnishing one lot of fabricated structural steel consisting of 4 trusses and 32 I-beams, and one lot of fabricated structural steel consisting of 4 trusses and 32 I-beams; f.o.b. Fort Funston and Fort Cronkhite. * 19

Loop Lumber Co.—(1) \$3068.17; (2) \$902.47; (3) \$536; (doors) \$50 2-30.
 Maris Plywood Corp.—(2) \$760.06
 2-10 2-20 1-30.
 Western Asbestos Co.—(3) \$239.55
 2-30.
 Rolando Lumber Co.—(1) \$3162.67
 2-30.
 Smith Lumber Co.—(1) \$3147.43;
 2-10.
 Allen & Dettmann Lumber Co.—(1) \$3212.03; (2) \$850.82; (3) \$435.50;
 (doors) \$55.30 2-10.
 Bids taken under advisement. * 20

SAN FRANCISCO, Cal.—Following bids were submitted to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1984, for furnishing 20,000 ft. of 8-in. cast-iron water pipe:

U. S. Pipe & Foundry Company—\$108,628.48 per ft., \$21,725.70 total.
 Pacific States Cast Iron Pipe Co.—\$11,512.4 per ft., \$23,024.80 total.
 American Cast Iron Pipe Co.—\$1,107.00 per ft., \$22,140 total.
 Century Foundry Co.—\$1,163.5 per ft., \$23,270 total.

Florence Pipe Foundry & Machine Co. (by Utilities Supply Co., Agt.)—\$1,242.1 per ft., \$24,842 total.
 Bids taken under advisement. * 20

COMPLETE BIDS

WASHINGTON, D. C.—Following bids were received by the U. S. Bureau of Reclamation, Washington, D. C., for furnishing 3,000,000 bbls. of cement for shipment to various points during period of May 1 to August 31.

Bids were taken as follows:
 Price per bbl. in cloth sacks:

- (a) 1 to 99 bbls.;
 - (b) 100 and more bbls.;
 - (c) more than 100 bbls.
- Price per bbl. in paper sacks:
- (d) 1 to 99 bbls.;
 - (e) 100 and more bbls.;
 - (f) more than 100 bbls.;
 - (g) bulk carload lots.

Bids received as follows:
 Monolith Portland Cement Co., Denver, Colo.—Bid zone 23, Laramie, Wyo. (max. bid, 70,000 bbls.; monthly del. 17,500 bbls.). Item 1: (a) 2.65, (b) 2.40, (c) 2.40, (d) 2.40, (e) 2.15, (f) 2.15, (g) 1.25. Item 2: (a, b & c) same; (d) 2.90, (e) 2.65, (f) 2.65, (g) 2.45. Same amounts for Zone 23-A and 23-B in d, e, f and g.

Monolith Portland Cement Co., Monolith, Calif.—(Max. bid, 450,000 bbls.) Monolith, Cal., via S.P.R.R. and A. T. & S.F. Bid Zone 29. Item 1: (a) 2.13, (b) 1.88, (c) 1.88, (d) 1.93, (e) 1.68, (f) 1.68, (g) 1.43. Item 2: (a) 2.84, (b) 2.59, (c) 2.59, (d) 2.64, (e) 2.39, (f) 2.39, (g) 2.14. Item 3: (a) 2.19, (b) 1.94, (c) 1.94, (d) 1.99, (e) 1.74, (f) 1.74, (g) 1.49. Item 4: (a) 2.62, (b) 2.37, (c) 2.37, (d) 2.42, (e) 2.17, (f) 2.17, (g) 1.92. Amounts for 29-A are the same as for 29. The company states that while they have bid on only two zones, they are not limiting their bid to those zones but are willing to ship to any zone. They intend to deliver in 30 days total of 120,000 bbls. of any or combination of all cements, but will not furnish more than 10,000 bbls. of asphalt-resisting cement in any 30 days.

Northwestern Portland Cement Co., Seattle, Wash.—Bid zone 26-B. Grotto, Wash. (max. bid, 40,000 bbls.; mo. del. 10,000 bbls.). Item 1: (d) 2.60, (e) 2.60, (f) 2.50. Min. carload, 50,000 lbs. f.o.b. Grotto, Wash. Mill working 8-hr. day; 40-hr. week. Non-responsibility in cases beyond contract specified. Ship via G.N. R.R.

Calaveras Cement Co., San Francisco—Bid zone 28-A (max. del. 200,000 bbls.; monthly del. 10,000 bbls.). Kentucky House, Calaveras Co. Item 1: (c) 2.40, (f) 2.20, (g) 1.90. Item 2: (c) 2.90, (f) 2.70, (g) 2.40. Item 3:

(c) 2.47, (f) 2.27, (g) 1.97. Item 4: (c) 2.17, (f) 2.27, (g) 1.97. Bid zone 28-B (max., 300,000; monthly, 15,000). Item 1: (c) 2.40, (f) 2.20, (g) 1.90. Item 2: (c) 2.90, (f) 2.70, (g) 2.40. Item 3: (c) 2.47, (f) 2.27, (g) 1.97. Item 4: (c) 2.17, (f) 2.27, (g) 1.97.

Superior Portland Cement Co., Seattle, Wash.—Bid zone 26. Concrete, Wash. G.N.R.R. Item 1 (max. del. 200,000 bbls.; monthly del. 50,000 bbls.): (c) 2.45, (f) 2.20, (g) 1.90. Item 2 (max. del. 40,000; mo. del. 10,000): (c) 2.60 (g) 2.30. Item 3 (max. del. 150,000 bbls.; mo. del. 50,000 bbls.): (c) 2.45, (f) 2.30, (g) 2.00. Bid zone 26, Seattle, Wash. Item 2 (max. del. 150,000 bbls.; mo. del. 50,000 bbls.): (c) 2.75, (f) 2.50, (g) 2.20. Item 3 (max., 20,000; mo. del. 5,000): (f) 2.90. Item 4 (max., 100,000; mo. del. 50,000): (c) 2.85, (f) 2.60, (g) 2.30. Bid zone 26-A, Concrete, Wash. Item 1 (max., 200,000; mo. del. 30,000): (c) 2.45, (f) 2.20, (g) 1.90. Item 2 (max., 400,000; mo. del. 10,000): (f) 2.60, (g) 2.30. Item 3 (max., 150,000; mo. del. 50,000): (c) 2.55, (f) 2.30, (g) 2.00. Bid zone 26-B, Seattle, Wash. Item 1 (max., 150,000; mo. del. 50,000): (c) 2.75, (f) 2.50, (g) 2.20. Item 2 (max., 20,000; mo. del. 5,000): (f) 2.90. Item 3 (max., 100,000; mo. del. 50,000): (c) 2.85, (f) 2.60, (g) 2.30. All prices f.o.b. mills designated.

Pacific Portland Cement Co., San Francisco—Bid zone 28. Item 1 (max., 340,000; mo. del. 85,000): (c) 2.40, (f) 2.20, (g) 1.90. Item 2 (max., 60,000; mo. del. 15,000): (c) 2.60, (f) 2.40, (g) 2.10. Bid zone 28-B. Item 1 (max., 340,000; mo. del. 85,000): (c) 2.40, (f) 2.20, (g) 1.90. Item 2 (max., 60,000; mo. del. 15,000): (c) 2.60, (f) 2.40, (g) 2.10. Redwood Harbor, within switch limits of Redwood. Prices quoted for bulk cement on railroad cars, trucks, for delivery to harbor or ship.

Henry Cowell Lime & Cement Co., San Francisco—Bid zone 27-A, Cowell. Item 1 (max., 10,000; mo. del. 2,500): (c) 2.30, (f) 2.10, (g) 1.80. Bid zone 27-B, Point and Clayton R. R. Item 1 (max., 10,000; mo. del. 2,500): (c) 2.30, (f) 2.10, (g) 1.80. Bid zone 28-A, same. Item 1 (max., 50,000; mo. del. 12,500): (c) 2.30, (f) 2.10, (g) 1.80. Bid zone 28-B, same. Item 1 (max., 50,000; mo. del. 12,500): (c) 2.30, (f) 2.10, (g) 1.80. Bid zone 29-A, same. Item 1 (max., 20,000; mo. del. 3000): (c) 2.30, (f) 2.10, (g) 1.80.

Riverside Portland Cement Co., Los Angeles—Bid zone 29-B, Riverside County. Item 1 (max., 400,000; mo. del. 100,000): (b) 2.00, (c) 2.00, (d) 1.80, (f) 1.80, (g) 1.52. Item 3, same: (b) 2.00, (c) 2.00, (e) 1.80, (f) 1.80, (g) 1.52.

Spokane Portland Cement Co., Spokane, Wash.—Irvin, Wash. Bid zone 22-B. Item 1 (max., 25,000; mo. del. 10,000): (a) 2.75, (b) 2.75, (c) 2.60, (d) 2.50, (e) 2.50, (f) 2.35, (g) 2.20. Item 2 (same): (d) 3.00, (e) 3.00, (f) 2.85, (g) none. Bid zone 24-A, same point. Item 1 (max., 4000; mo. del. 2000): (a) 2.75, (b) 2.75, (c) 2.60, (d) 2.50, (e) 2.50, (f) 2.35, (g) 2.20. Item 2 (max., 25,000; mo. del. 10,000): (d) 3.00, (e) 3.00, (f) 2.85. Bid zone 25-A, same point. Item 1 (max., 25,000; mo. del. 10,000): (a) 2.75, (b) 2.75, (c) 2.60, (d) 2.50, (e) 2.50, (f) 2.35, (g) 2.20. Item 2 (same): (d) 3.00, (e) 2.50, (f) 2.35, (g) 2.20. Same amounts for 25-A and 25-B.

Blue Diamond Corp., Ltd., Los Angeles—Bid zone 29-B, Los Angeles. A. T. & S. F. R.R. (Max., 60,000; mo. del. 20,000). Item 1: (a) 2.20, (b) 2.20, (c) 2.20, (d) 2.00, (e) 2.00, (f) 2.00.

Southwestern Portland Cement Co., Los Angeles—Bid zone 29, Victoryville. Item 1 (max., 420,000; mo. del. 50,000): (c) 2.1207, (f) 1.9207, (g) 1.6407.

Item 2 (max., 20,000; mo. del. 5000): (c) 2.5307, (f) 2.6307. Item 3 (max., 50,000; mo. del. 12,500): (c) 2.1207, (f) 1.9207, (g) 1.6407. Item 3 (max., 25,000; mo. del. 6250): (c) 2.3707, (f) 2.1707, (g) 1.8907.

California Portland Cement Co., Colton, Cal.—Bid zone 20, Colton, Calif. (Max., 300,000; mo. del. 75,000). Item 1: (c) 1.98, (f) 1.78, (g) 1.50. Item 3: (c) 1.98, (f) 1.78, (g) 1.50. Bid zone 29 B, Colton (max., 300,000; mo. del. 75,000). Item 1: (c) 1.98, (f) 1.78, (g) 1.50. Item 3: (c) 1.98, (f) 1.78, (g) 1.50. Bid zone 30-B, Colton (max., 300,000; mo. del. 75,000). Item 1: (c) 1.98, (f) 1.78, (g) 1.50. Item 3: (c) 1.98, (f) 1.78, (g) 1.50.

Olympic Portland Cement Co., Seattle—Bellingham, Wash. Item 1 (max., 20,000; mo. del. 6000): (c) 2.60, (f) 2.25, (g) 2.00. Item 3 (max., 5000; mo. del. 2000): (c) none, (f) 2.65, (g) 2.40. * 20

BIDS WANTED

GLENDALIE, Los Angeles Co., Cal.—Until April 28, 10 A. M., bids will be received by the Glendale city clerk for furnishing and installing stage draperies, equipment and auditorium window and door draperies for the Verdugo Recreation Center Building. Plans are on file in the city clerk's office. Cer. check for 10% required.

BIDS WANTED

OAKLAND, Cal.—Until May 4, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, Room 312, 512 16th St., Oakland, Cal. Prop. No. 999. Bid for sale of four pumping units to be sold as scrap; approximate weight, 463 tons.

Specifications obtainable from the above office. * 20

CONTRACT AWARDED

SHASTA DAM, Cal.—Worden-Alten Co., Milwaukee, Wis., has been awarded a contract by the U. S. Bureau of Reclamation, at \$24,270, for furnishing and delivering materials for one steel warehouse building to be built at Shasta Dam, Central Valley Project, Corum, Spec. 1037-D. The bids were opened in Denver on March 1st. * 20

Architect—Not Given.

Allotment is a grant of \$121,964; Docket W-1561. * 15

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER office, \$185; 474 O'Farrell; owner, Yee Quad, prem.; contractor, Wong Non, 45 Spofford Alley.

ALTER dwelling, \$310; 50 Tiffany Ave.; owner, Mr. Latoria, prem.; contractor, J. Hefferman, Jr., 3953 20th St.

FLUES, \$55; 561 Bowdoin; owner, G. Carraro & Sons, 750 Felton St.; contractor, Bay View Sheet Mill Works, 4901 3rd St.

ALTER dwelling, \$150; 195 Coso Ave. owner, Nick Scott, premises.

ALTER dwelling, \$300; 2830 Buchanan St.; owner, Mrs. Sayers, 2830 Buchanan St.; contractor, D. C. McCabe, 430 Call Bldg.

ALTER marquee, \$400; 193 4th St.; owner, Hotel Dewey, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$390; 840 Rutland; owner, P. H. Blue, premises.

FLUES, \$75; 8D 21st Ave. and Moraga; owner, Simon Rosen, 6 Fountain St.; contractor, Beaumont Furnace Co., 4811 Geary.

ALTER dwelling, \$450; 3432 Fulton; owner, Al Boss, prem.; contractor, A. P. Fisher, 111 Sutter St.; engineer, A. P. Fisher, 111 Sutter St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewap Equipment |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Railroads | 34.—Parks & Play-grounds |
| 26.—Fire Alarm Sys. | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, at \$21,300, awarded contract by the Los Angeles County Supervisors, for construction of wood and steel Howe truss bridge on Bouquet Canyon Rd. over Santa Clara River; Cash Contract OB 543. Bridge will consist of four 15-ft. spans with 24-ft. roadway. 21

CONTRACT AWARDED

STATE OF WASHINGTON—Parker-Schram Co., Couch Bldg., Portland, at \$229,823, awarded contract by Director of Highways, Lacey V. Morrow, Olympia, for constructing a steel bridge, cantilever type with steel deck truss and reinf. concrete girder approaches and reinf. concrete approach and Puget Sound Island Bridge Superstructure, U. S. Public Works Proj. No. Wash. 8195-DS (Unit 2), Washiakum County. 21

April 19, 1938.

CONTRACT AWARDED

STATE OF WASHINGTON—General Construction Co., 3840 Iowa St., Seattle, at \$322,374, awarded contract by Director of Highways, Lacey V. Morrow, Olympia, for constructing a bascule type bridge on City St., Hyllebos Waterway Bridge, in City of Tacoma, U. S. Public Works Project No. Wash. 1220-DS (Unit A).

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

YAKIMA PROJECT, Wash.—Until May 9, 10 A. M., bids will be received by the Bureau of Reclamation, Yakima, under Spec. No. 753, for the construction of earthwork, canal lining, and structures, station 804 plus 74 to station 924, Yakima Ridge canal, Roza Division, Yakima Project.

Work involves:

- (1) 450,000 c.y. of all classes of excavation for canal;
- (2) 37,700 c.y. of excavation for core banks;
- (3) 164,000 sta. c.y. of overhaul;
- (4) 8,300 c.y. of excav. for struc;
- (5) 550 c.y. of excav. for drainage channels and dikes;
- (6) 1,600 c.y. of excavation for re-located road;
- (7) 350 c.y. of screened-gravel road surfacing;
- (8) 3,000 c.y. of compacted embankment;
- (9) 1,530 sq. yds. of preparing rock foundations for concrete lining;

- (10) 11,000 sq. yds. of trimming earth foundations for concrete lining;
- (11) 16,000 c.y. of earth lining of canal;
- (12) 885 c.y. of gravel blanket on inside slopes of canal embankment;
- (13) 4,460 c.y. of backfill about struc.
- (14) 1,250 c.y. of concrete in struc. and road pavement;
- (15) 1,660 c.y. of concrete in canal lining;
- (16) 150 sq. yds. of dry-rock paving;
- (17) placing 275,000 lbs. of reinforcement bars;
- (18) erecting 235,600 lbs. of structural steel in bridges;
- (19) erecting 119 M. ft. BM of timber in bridges;
- (20) removing 8,000 l.f. of existing pipe lines;
- (21) constructing 4,175 l.f. of 6-inch diameter pipe drains;
- (22) laying 1,520 l.f. of 8- and 12-in. diameter concrete pipe;
- (23) installing 7,000 lbs. of gates and miscellaneous metal work.

Plans and specifications may be obtained from the above office and from the offices of the Bureau of Reclamation at Washington, D. C., and at Denver, Colo. 22

BIDS OPENED

OWYHEE PROJECT—George B. Henley Constr. Co., Ontario, Ore., at \$8,560, submitted low bid to the Bureau of Reclamation, Boise, Idaho, under Spec. No. 441-0, for the construction of earthwork, Souch Crk. Division, Owyhee Project.

Work involves:

- (1) 87,700 c.y. common excavation for laterals;
 - (2) 300 c.y. rock excavation for laterals;
 - (3) 4,000 sta. c.y. overhaul.
- Complete bids follow:
Geo. B. Henley Constr. Co., Ontario, (1) \$0.095; (2) \$0.095; (3) \$0.05; total, \$8,560.

Morrison-Hnudson Co., Inc., Boise—(1) \$0.105; (2) \$0.105; (3) \$0.03; total, \$9,360.

Henry L. Horn, Caldwell, Idaho—(1) \$0.105; (2) \$0.40; (3) \$0.05; total, \$9,528.50.

J. A. Terteling & Sons, Boise—(1) \$0.12; (2) \$0.30; (3) \$0.05; total, \$10,814.00.

John R. Rhodes, Boise—(1) \$0.12; (2) \$1.00; (3) \$0.03; total, \$10,944. 22

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal.—Until April 26, 11 a.m. (as previ-

ously reported), bids will be received by Lieut.-Comdr. L. N. Moeller, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8653, for construction of a timber sea-plane runway at the Eleventh Naval District (Fleet Air Base), San Pedro.

Estimated cost of the project is \$12,000.

Work consists of the provision of materials for and the construction of an inclined creosoted timber sea-plane runway, 40 feet wide, extending outboard over and into the water, a distance of approximately 182 feet, and about 6,000 c.y. of dredging in connection with the installation

includes creosoted timber piles supporting creosoted timber caps, deck planking, stringers, guard rails, etc., all secured together and to the timber piles with galvanized straps, bolts, spikes and miscellaneous iron work.

Plans and specifications may be obtained from the above office upon deposit of \$10. 22

BIDS OPENED

SACRAMENTO AIR DEPOT—C. A. Baker, 620 El Camino Ave., North Sacramento, at \$0.16 per cu. yd., submitted the low bid to the Constructing Quartermaster, Sacramento Air Depot, for moving 2000 cu. yds. of dirt.

Complete bids follow:

C. A. Baker, Sacramento—\$0.16 per c.y., 2% 10 days.

L. G. Lentz, Sacramento—\$0.27 per c.y., net.

R. J. Reeves—\$0.42 per c.y., 10% 10 days. 22

BIDS WANTED

ALAMEDA—Until May 2, 11 a.m., bids will be received by the Public Works Office, Twelfth Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8692, for wood test piles, pile test loads and core borings at the Naval Air Station, Alameda.

Plans and specifications obtainable from above office upon deposit of \$10, check or money order, payable to Chief of the Bureau of Yards and Docks. 22

23— CANALS

BIDS WANTED

SUN RIVER PROJECT, Mont.—Until May 4, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Fairfield, Mont., for construction of earthwork and structures for open drains, Greenfields Division, Sun River Project. Work is located near Fairfield, Mont. Principal estimated quantities are as follows:

- (1) 310,000 c.y. of excav. for drains
- (2) 800 c.y. of excav. for strucrs;
- (3) 15,000 c.y. of backfill;
- (4) 90 c.y. of concrete;
- (5) Placing 8,000 lbs. of reinf. bars;
- (6) Laying 3,960 l.f. of 15-in. and 24-in. CMP.

Specifications are available without charge to prospective bidders; others \$1; at Bureau of Reclamation offices in Fairfield and Denver, Colo. 22

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

5—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN BERNARDINO, Cal.—Bids for rental of diesel or gas tractors with bulldozer or angledozer, together with tractor drivers, were opened by the state Highway Dept., San Bernardino. The items are:

- 95-H.P. TRACTOR
- (1) and (2) one diesel or gas powered, track type tractor with angle or bulldozer includ. driver, operating rate;
 - stand-by rate per hour for each 95-h.p. tractor under items 1, 2 and 3;
 - transportation to and from San Bernardino for each of the 95-h.p. tractors, under items 1, 2 and 3 (flat price, round trip).

The bids were:
Triangle Rock & Gravel, San Bernardino; Irregular.
Gunther & Shirley, Los Angeles; regular bid.

- Chas. Holmes, San Bernardino: (1) 7.40; (4) \$50; (5) \$100.
A. S. Vinnell, Los Angeles: (1) 2.00 (3) \$7.49; (4) none; (5) \$60.
Minnis & Moody, Los Angeles: (1) 2.00 and (4) \$7.47; (4) \$1.25; (5) \$60.
H. W. McKinley, Clearwater: (1) 2.00 and (3) \$7.50; (4) \$1; (5) \$85.
Pacific Crane & Rigging Co., Los Angeles: (1) (2) and (3) \$7.50; (4) 2.25; (5) \$75.

Oswald Bros., Los Angeles: (1) 7; (2) \$10; (3) \$12; (4) \$4; (5) \$90, 90 and \$270.

- Vido Kovacevich, South Gate: (1) 7.30; (4) \$2.00; (5) \$100.
Silva & Hill, Glendale: (1) \$6.75; (2) \$6; (4) \$2; (5) \$75.
Geo. R. McIntosh, Los Angeles; regular bid. 25

BIDS OPENED

SACRAMENTO, Calif.—Western Machinery Co., 760 Folsom St., San Francisco, submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 08, Post Office Bldg., Sacramento, under Bid No. 1105-35-246, for rental of equipment.

Bids taken on:

- Furnishing and operating for 150 hours one portable air compressor for use on road work near the North Fork Dam site;
- Mobilization and delivery of equipment to job and demobilization and removal;
- Furnishing and operating for 300 hours one portable air compressor for use near the Ruck-a-Chucky Dam site;
- Mobilization and delivery of equipment to job and demobilization and removal.

Total bids follow:

Western Machinery Co., 760 Folsom St., S. F.—(1a) \$1.45, (1b) no chge.; (2a) \$1.45, (2b) no chge.
Machinery & Drill Steel Co., Inc., S. F.—(1a) \$2.33, (1b) \$15; (2a) \$1.33, (2b) \$15.

Leitch & Co., S. F.—(1a) \$1.95, (1b) \$75; (2a) \$2.60, (2b) no bid.
Cement Constr. Co.—(1a) \$2.39, (1b) \$110; (2a) \$2.64, (2b) \$110.

W. H. Towne—(1a) \$2.72, (1b) \$73; (2a) \$2.98, (2b) \$100. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—International Harvester Co., at \$8500, 5% 30 days, awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 417, for \$10,000 list price worth of International truck replacement parts. 25

BIDS OPENED

VENTURA, Calif.—Lester Shanks, 1041 Bayview Ave., Wilmington, at \$125, submitted low bid to U. S. Engineer, Los Angeles, for rental of plant, equipment and materials (except jet pipe and casings) and to engage operating personnel to obtain 25 wash borings to determine character of materials and presence of rock in area of 340 acres seaward of 18-ft. depth curve in ocean in front of Ventura. Borings to be taken to a depth of 45 feet below mean lower low water; Circ. Prop. 352.

The complete bids were:
Lester Shanks—\$225 da.; total, \$1,125.

Buchanan Bros. Diamond Core Drilling Co.—\$240 day; total \$1200.
Hull, Smale & Robinson—\$395 day; total \$1975; 1% 10 days.

Case Constr. Co.—\$640 day; total, \$3200. 25

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until May 10, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1060-D for furnishing and delivering wood poles, wood cross arms, insulators and pole hardware for transmission lines for the Kendrick Project, Wyoming; f.o.b. shipping point and/or Cheyenne, Wyo. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until April 19, 2 p.m., bids will be received by State Highway Dept., Los Angeles, for rental of one tractor loader consisting of 30-40-hp. pneumatic-tired tractor, equipped with ½-c.y. loader, hydraulically operated, for use for 2 months in Ventura County. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until April 19, 2 p.m., bids will be received by State Highway Dept., Los Angeles, for rental of one 15 90-100-hp. track-laying type tractors, each with bulldozer; one to eight 90-100-hp. track-laying type tractors, each with angledozer; one to eight 90-100-hp. track-laying type tractors, each with 12-14-c.y. wheel scrapers; for use for 60 days in Orange, Los Angeles or Ventura counties. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for 4 tamping rollers, sheepsfoot type, Invitation 440, opened by U. S. Engineer, Los Angeles, were:

Southwest Welding & Mfg. Co., \$2,388 total; 5% 30 days. Alternate bid, \$2788; 5% 30 days.

Davenport Mfg. Co., \$2560 total; 5% 10 days.

M. F. McCaffrey, \$654 each; \$2616 total; no bid.

EmSCO Derrick & Equip. Co., \$2,900; net.

Shepherd Tractor & Equip. Co., \$3,800 total; 2% 30 days. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of three crawler type cranes without operators, Invt. 434, opened by U. S. Engineer, Los Angeles, were

Bert Calvert, 1% 30 days, one at \$5.25 hour; \$7775; two at \$5.25 hour; \$15,750; three at \$5.25 hour; \$23,625 (Northwest No. 6).

Ray Schweitzer, 1½% 10 days, one at \$6.50 hour, \$9750; two at \$6.30 hr., \$18,900 three at \$6.40 hour, \$28,800; all or none basis (Lorraine 87 and 77).

E. W. Kuhn, 3% 10 days, one at \$6 hour, \$9000; two at \$5.75, \$17,250; three at \$5.50 hour, \$24,750 (Northwest No. 6, Bucyrus 43-B, Marion 381).

American Concrete & Steel Pipe Co., 2% 20 days, one at \$5.75 hr., \$8,625; two at \$6.00 hour, \$18,000 (Link Belt K-44) (Northwest No. 6).

Shofner & Gordon, ¼ of 1% 10 days, 1 at \$6.70 hour, \$10,050 (Lima 601).

Oswald Bros., 1% 10 days, one at \$6.75 hr., \$10,125 (Northwest 78).

Ralph O. Dixon, 2% 10 days, one at \$6.12 hour, \$9150; one at \$6.38 hour, \$9570 (Lorraine 87 or 77).

Wm. R. Shriver, 1% 10 days, one at \$5.70 hour, \$8550; two at \$6.25 hr., \$18,750 (P & H 1931; Marion 381).

United Concrete Pipe Corp., 3% 10 days, one at \$6.50 hr., \$9750; two at \$5.50 hr., \$8240; three at \$5.50 hr., \$8250 (Northwest 106 and two 105). Stipulation: if awarded two cranes, deduct 5%; if awarded three cranes, deduct 6%.

Bert Calvert, 1% 30 days, one at \$6.40 hour, \$9600 (Northwest 78). 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a tractor loader, for use in Ventura County, opened by the State Highway Dept., Los Angeles, April 19, were:

Smith Booth Usher Co., International-Hough, 1935-37, \$75 per week; \$225 per month.

Brown-Bewis Equipment Co., J. I. Case Model 1938, \$375 per month for first month; balance pro rata. Bid qualified, declared irregular. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of track-laying type tractors, with bulldozers, angledozers and scrapers, opened by the State Highway Dept., Los Angeles, were:

R. E. Campbell: (1) 93-h.p. Caterpillar and Le Tourneau bulldozer, 1938, \$7.35 hr.; (2) 93-h.p. Caterpillar with EmSCO angledozer, 1936, \$7.35 hour; (3) 93-h.p. Caterpillar with Le Tourneau scraper, 1938, \$8.35 per hr.

Peter L. Ferry & Con: (1) three 93-h.p. RDS Caterpillars, 1936 and 1935, \$7 per hour; (2) 92-95-h.p. RDS Caterpillars, 1936 and 1938, \$7.45 per hour; (3) three 95-h.p. RDS Caterpillars, 1936-1938, \$7.45 per hour.

Minnis & Moody: (1) 95-h.p. Caterpillar RDS, 1937, with bulldozer, \$7.47 per hour; (2) 95-h.p. Caterpillar RDS 1937, with angledozer, \$7.47 per hour; (3) two 95-h.p. Caterpillars, RDS, 1937, with 13-yd. scraper, \$7.97 per hr.

Basich Bros.: (1) 95-h.p. RDS diesel Caterpillar, 1937, with bulldozer, \$7.45 per hr.; (2) 95-h.p. RDS diesel Caterpillar, 1937, \$7.45; (3) three 95-h.p. diesel RDS Caterpillars, 1937, with 12-yd. Le Tourneau carryall scraper, \$7.45 per hour.

Frank T. Hickey: (1) RDS, 95-h.p. Caterpillar, 1937, \$7.50 per hour; (2) and (3) no bids.

H. M. McKinley, Glendale: (1) two 92-95-h.p. Caterpillars, 1936, \$7.50 per hr. each; (2) 95-h.p. Caterpillars, 1937, \$8; (3) 95-h.p. Caterpillar with carryall, \$8.50 per hour.

Vido Kovacevich: (1) 95-h.p. Caterpillar (new) RDS, 1938, \$7.40 (either bulldozer or angledozer).

C. G. Willis & Son: (1) 95-h.p. Caterpillar 1936, \$7.90 per hour; (3) 95-h.p. Caterpillar 1936, with scraper, \$8.90 per hour.

Pacific Crane & Rigging, Inc.: (1) four 90-100-h.p. RDS Caterpillar 1936 \$7.50 per hour; (2) no bid; (5) four 90-100-h.p. RDS Caterpillar, 1936, \$8.50 per hour.

T. M. Page, Glendale: (1) two 95-h.p. Caterpillar and bulldozer, 1937, \$7.50 per hour; (2) one 95-h.p. Caterpillar, 1937, with angledozer, \$7.50 per hour; (3) four 95-h.p. Caterpillar, 1937, with Le Tourneau scraper, \$7.50 per hour. 25

BIDS OPENED

LOS ANGELES, Calif.—M. P. McCaffrey, Inc., submitted the only bid to the State Highway Dept., Los Angeles, April 15, at \$3.90 per hour each for two units, McCaffrey tractor loaders, model 1938. 25

BIDS OPENED

SAN LUIS OBISPO AND SANTA BARBARA COUNTIES, Calif.—The following bids were received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of (1) one 1100-gal. (or more) capacity oil distributor, with an approximate (2) 2100-gal. capacity tank trailer, for 15 days' use in San Luis Obispo and Santa Barbara Counties:

- R. B. Snow, Santa Maria—(1) \$4.50, (2) \$1.50.
- Paul J. Ralph, Arroyo Grande—(1) \$4.50, (2) \$3.00.
- Bert Hale, Pismo Beach—(1) \$6.00, (2) \$1.20.
- J. J. Hergert, Gaviota—(1) \$5.25, (2) \$2.50.

Bids taken under advisement. * 25

BIDS WANTED

SAN MATEO AND SANTA CRUZ COUNTIES, Cal.—Until April 25, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, Dist. Engineer, State Bldg., San Francisco, for rental of one 3/4- to 1-c.y. capacity crawler type power shovel, with suitable trailer, for moving between assignments, and 4 pneumatic-tired dump trucks, capacity not less than 4 cu. yds., for use with shovel for approximately 500 hours in San Mateo and Santa Cruz Counties. Split bids will not be accepted.

Specifications obtainable from the above office. * 25

28— FIRE EQUIPMENT

CONTRACT AWARDED

LOS ANGELES.—F. S. & W. W. Hirsch, 846 E. 6th St., have been awarded contract by L. A. County Purchasing Agent for 5 pumping engines under Quot. 6648 as follows: For engine No. 3 at \$15,185, allowance \$100; for engine No. 1, \$15,085, allowance \$100; for engine No. 23, \$15,190, allowance \$100; for engines Nos. 7 and 38, \$14,750 each, no trade-in allowance. * 23

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

CLARK CO., Nevada.—J. A. Casson, 319 Warren St., Hayward, at \$21,857.35, submitted the low bid and was awarded the contract by the Directors of the Department of Highways of the State of Nevada, Heroes' Memorial Bldg., Carson City, Nevada, for the construction of approximately 7.34 miles of highway from Jean to Goodsprings, Route 53, Section A, Clark Co., Nev.

Gibbons & Reed Co., Salt Lake City, at \$22,450.74, submitted second lowest bid. Complete bids shortly. * 29

BIDS OPENED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell St., San Francisco, at \$32,240, submitted low bid to the Department of Public Works, Room 251, City Hall, for improving sidewalks on the west side of Capital Avenue, Montana to Minerva Sts., and other locations. Estimated cost, \$2400. Work involves: 12,000 sq. ft. of two-course concrete sidewalk.

The unit bid was \$0.27 per sq. ft.

LOW BIDDER

HOOD RIVER CO., Ore.—Alex Besoloff Co., Seattle, Wash., at \$49,988, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for construction or improving approximately 1,136 mi. of highway, Columbia River Highway, Reconstruction Grading Project 28-BLC, Oregon National Forest Road Project, Hood River Co., Ore.

Complete bids shortly. * 29

BIDS OPENED

IMPERIAL CO., Cal.—R. E. Hazard & Son, P.O. Box 1438, San Diego, submitted the low bid to the State Highway Dept., Los Angeles, at \$10,983.90, for highway construction in Imperial County, between 4 miles E of Imperial and 1 mile E of Brawley (XI-Imp-201-B), furnishing and spreading gravel at various locations over a gross distance of 9.8 miles.

The work involves:
 (1) 3,825 tons gravel base in place;
 (2) 7,860 tons gravel surf. in place.
 The complete bids were:

- R. E. Hazard & Son—(1) 94c, (2) 91c; total, \$10,983.90.
- G. W. Ellis—(1) \$1, (2) \$1.10; total, \$12,471.
- V. R. Dennis Constr. Co.—(1) \$1.45, (2) \$1.49; total, \$17,257.65. * 29

CONTRACT AWARDED

NYE CO., Nev.—Nevada Rock and Sand Co., Inc., Reno, at \$105,292.46, submitted low bid and was awarded the contract by the Directors of the Department of Highways, State of Nevada, Heroes' Memorial Bldg., Carson City, Nevada, for reconstruction of approximately 12.75 miles of State Highway from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye Co., Nevada.

W. W. Clyde Co., Springville, Utah, at \$106,207.88, submitted second lowest bid. Complete bids shortly. * 29

BIDS WANTED

SAN JOSE, Santa Clara Co.—Until April 25, 5 p.m., bids will be received by the City of San Jose, John J. Lynch, City Clerk, City Hall, San Jose, for improving a portion of Bassett Street, between First Street and Market Street, Project No. 12 in San Jose.

Specifications may be obtained from the office of the City Engineer, City Hall, San Jose, upon deposit of \$3 per set, of which \$2 is returnable. * 29

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until April 25, 5 p.m., bids will be received by the City of San Jose, John J. Lynch, City Clerk, City Hall, San Jose, for paving and otherwise improving a portion of Market St., between Bassett and Santa Clara Sts., Project No. 13, San Jose.

Specifications may be obtained from the office of the City Engineer, City Hall, San Jose, upon deposit of \$3, of which \$2 is returnable. * 29

BIDS WANTED

SOUTH PASADENA, Calif.—Until April 27, 2 P. M., bids will be received by the South Pasadena city council for improving East Mission St. between Fair Oaks Ave. and 73 ft. east of the east city boundary, about 0.59 mile, in accordance with plans and specifications which may be obtained from the city engineer, Frank Clough, upon deposit of \$10 per set. Cash, certified or cashier's check or bond for 10% must accompany each proposal. * 29

BLUEPRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces costs of blue line prints for work now advertised by the State Division of Highways, for which bids will be opened in Sacramento May 4 and in Los Angeles May 5. The following table shows the cost of these blue prints:

1-Hum-35-A, bridge across Yager Creek at Carlotta, bids to be opened in Sacramento: PLANS (No. Sheets) 10; (Cost) \$1.50; CROSS-SECTIONS, (No. Sheets) 4; (Cost) \$4.00; (Total) \$1.90.

VII-LA-2-D, bet. Philadelphia St. and Painter Ave., bids to be opened in Los Angeles: PLANS (No. Sheets) 13; (Cost) \$1.30; CROSS-SECTIONS (No. Sheets) 22; (Cost) \$2.20; (Total) \$3.50.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. * 29

CONTRACT AWARDED

SAN DIEGO CO., Calif.—David H. Ryan, 1615 Fern St., San Diego, at \$329,886.67, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and paving with Portland cement concrete and asphalt concrete about 9.7 miles on Pacific Highway, between Barnett Ave. and Miramar Road, in the City of San Diego. * 29

BIDS WANTED

SPARKS, Washoe Co., Nev.—Until May 10, 2 P. M., bids will be received by city clerk, 1126 B Street, Sparks, for street improvements

- Work involves:
- (1) 15,000 c.y. rdwy. excav.
 - (2) 40,000 sta. yds. overhaul;
 - (3) 5500 yd. mi. overhaul;
 - (4) 97,700 sq. yds. prepare base;
 - (5) 14,000 tons mineral agg. (plant mix surf.);
 - (6) 700 tons liquid asph., SC-6 (dol);
 - (7) 120 tons liquid asphalt, SC-1A (prime coat);
 - (8) 100 tons emulsified asph. (seal coat);
 - (9) 200 c.y. sand (seal coat);
 - (10) 14 ea. adjust manholes to grade.

Plans and specifications available from city engineer upon deposit of \$10. No bid will be accepted unless made on blank forms furnished by the city clerk. * 29

BIDS OPENED

SNOHOMISH CO., Wash.—Davis & White, Marysville, at \$11,159, submitted low bid to Clarence Hickey, County Engineer, Everett, for grading, draining, gravel surfacing Section C of Granite Falls-Robe Road, Snohomish County, Wash.

- Total bids follow:
- Davis & White, Marysville.....\$11,159
 - American File Driving Co., Everett..... 11,954
 - Herman Kathman, Everett..... 11,954
 - E. E. Rucker & Sons, Seattle, 12,333
 - James H. Coyne, Port Townsend..... 12,457
 - Alex Besoloff, Seattle..... 13,793
 - Consol. Constr. Co., Seattle..... 13,965
 - Nick Fiorito, Seattle..... 14,952

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until April 25, 8 p.m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall,

for the improvement of portions of Davis Street, from the west line of Park Avenue to the center line of Bascom Avenue, San Jose.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

ADAMS CO., Wash.—Newton Construction Co. & Sjoboen Bros., Rt. 4, Box 101, Olympia, at \$24,595 (1), and D. A. Sullivan & Co., Parkwater, Wash., at \$15,469 (2), submitted low bids and were awarded contracts by the Adams County Engineer, G. A. Wagner, Ritzville, Wash., for (1) surfacing, draining and grading Schwerin Road 22 and Kanzler Road 129, about six miles in length; and (2) similar work on Road 471, Gates Stations Road.

Total bids follow:
Newton Constr. Co. & Sjoboen Bros., Rt. 4, Box 101, Olympia—(1) \$24,595; (2) \$16,063.

D. A. Sullivan & Co., Parkwater, Wash.—(1) \$26,106; (2) \$15,469.

Klinelne, Verrn & Johnsin, Vancouver—(1) \$23,236; (2) \$21,436.

Roy L. Blair, Spokane—(1) \$28,997; (2) \$19,327.

C. C. Weipert, Spokane—(2) \$17,121.

J. W. Poe & Co., Pomeroy, Wash.—(2) \$17,880. * 29

LOW BIDDER

CONCHISE CO., Ariz.—Packard Contr. Co., 914 W. Coronado Street, Phoenix, at \$123,091, submitted the low bid to the Arizona State Highway Commission, Phoenix, for improvement of the Benson-Steins Pass Highway, FA 130-B (1938) AFE 8603. The work, which extends from the Arizona-New Mexico state line westerly for 6.1 miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road oil road-mix) and is to be completed on or before December 31.

Complete bids will appear shortly. 29

April 15, 1938

CONTRACT AWARDED

WASHOE COUNTY, Nev.—Isbell Const. Co., Reno, at \$53,029.60 submitted low bid and awarded contract by Department of Highways, Heroes Memorial Bldg., Carson City, Nev. for the reconstruction of approximately 3.99 miles of the State Highway from Lawtons to Reno. Route 1, Section A1, Washoe County.

Work involves:

- (1) 15 each, remove trees;
- (2) 200 lf. remove fence;
- (3) lump sum, remove protective fence;
- (4) Lump sum, remove septic tanks;
- (5) 14,670 c.y. rdwy. excav.;
- (6) 65 c.y. drainage excav.;
- (7) 250 c.y. imported borrow;
- (8) 2,940 c.y. embankment;
- (9) 684 c.y. struc. excav.;
- (10) 205 c.y. type 1 gravel base;
- (11) 3 tons type SC-2 liquid asphalt (prime);
- (12) 201 tons type SC-2 liquid asphalt (road-mix);
- (13) 7.97 miles road-mix;
- (14) 8 c.y. Class A concrete;
- (15) 600 lbs. reinf. steel.

ALTERNATE A

Note: If bid is submitted for Alt. "A" (Item 16) omit Alt. "B" (Item 26).

- (16) 832 c.v. mortar repair masonry;
- (17) 150 lf. 15-in. corr. meta pipe;
- (18) 66 lf. 24-in. corr. metal pipe;
- (19) 111 c.y. hand-laid riprap;
- (20) 2 each remove pipe culvert head-walls;
- (21) 13 c.y. Class A concrete curb and gutter;
- (22) 66 sq. yds. grouted rubble gutter;
- (23) 2,560 lf. beam type metal guard rail;
- (24) 778 lf. construct fence;

(25) 897 c.y. basket riprap;

ALTERNATE B

Note: If bid is submitted for Alt. "B" (Item 26) omit Alt. "A" (Item 16).

- (26) 832 c.y. cyclopane concrete;
- (27) 1,500 lf. protective fence;
- (28) 330 lf. 6-in. sewer pipe.

Total bids follow:

- (A) Isbell Const. Co., Reno, \$53,029.60.
- (B) Nevada Rock & Sand Co., Inc., Reno, \$53,860.20.
- (C) Dodge Const., Inc., Fallon, \$58,796.50.
- (D) J. C. Compton, McMinnville, Ore., \$59,655.60.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 1.00	\$ 3.00	\$10.00	\$10.00
(2).....	.05	.07	.10	.10
(3).....	100.00	250.00	800.00	500.00
(4).....	100.00	30.00	200.00	300.00
(5).....	1.15	1.20	.95	1.00
(6).....	1.00	1.25	1.00	1.50
(7).....	1.00	.50	1.00	1.00
(8).....	1.00	1.20	1.00	1.00
(9).....	1.15	1.25	1.50	2.00
(10).....	1.00	.75	1.50	2.00
(11).....	18.00	18.00	20.00	22.00
(12).....	18.00	18.00	20.00	20.00
(13).....	400.00	310.00	500.00	300.00
(14).....	30.00	40.00	30.00	25.00
(15).....	.10	.07	.10	.10
(16).....	.....	.....	.....	20.00
(17).....	2.00	2.25	3.00	3.60
(18).....	3.00	4.00	4.00	4.00
(19).....	3.00	5.00	5.00	4.00
(20).....	10.00	10.00	12.50	15.00
(21).....	25.00	25.00	30.00	30.00
(22).....	2.00	5.00	2.50	10.00
(23).....	1.50	1.15	1.50	1.25
(24).....	.20	.25	.25	.20
(25).....	7.00	6.00	11.00	10.00
(26).....	14.00	15.00	16.00	.....
(27).....	.75	1.00	1.00	.50
(28).....	.50	1.00	.50	.75

BIDS WANTED

YOLO CO., Cal.—Until May 11, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment to about 8.1 miles of highway and constructing shoulders between three miles north of Esparto and northeast corner of Rancho Guessosi in Yolo County.

The work involves:

- (1) 560 M. gals. water;
- (2) 200 c.y. struc. excav.;
- (3) 431 sta. finish roadway;
- (4) 8.15 miles mix and shape road-bed;
- (5) 8.15 miles preparing and compacting base;
- (6) 420 tons liq. asph., SC-4;
- (7) 100 tons liq. asph., SC-2 (prime coat);
- (8) 66 c.y. Class A portland cement concrete struc.;
- (9) 6,600 lbs. bar reinf. steel;
- (10) 95 lf. laminated guard railing.

Plans and specifications obtainable from the above office. * 29

BIDS WANTED

SAN ANSELMO, Marin Co., Cal.—Until May 10, 8 p.m., bids will be received by the San Anselmo City Council, F. D. Burrows, City Clerk, City Hall, for paving and reconstructing approximately 1.4 miles on Sir Francis Drake Boulevard, Ancha Vista Ave., and North West Municipal City Limits.

The work involves:

- (1) 1600 sq. yds. preparing sub-grade;
- (2) 190 tons asphaltic concrete level-course;
- (3) 970 tons asphaltic concrete, Type B;
- (4) 108 yds. class A Portland cement concrete shoulders;

(5) 37 c.y. Class A portland cement concrete sub pavement patching;

(6) 37 c.y. Portland cement concrete curb and gutters;

A check for 10% of the bid must accompany bids.

Specifications obtainable from the above office upon deposit of \$5. * 29

BIDS WANTED

ORANGE COUNTY, Calif.—Until May 12, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing a bridge across Santa Ana River about 4 miles south of Yorba Linda in Orange County.

Work involves:

- (1) 1 lot existing pier and debris removed and disposed of;
- (2) 40 c.y. struc. excav.;
- (3) 64 tons broken stone bituminous macadam surf.;
- (4) 3.5 tons liquid asphalt 90-95;
- (5) 14,000 lbs. bar reinf. steel;
- (6) 80 c.y. Class A Portland cement concrete;
- (7) 59 MFBM Douglas fir timber;
- (8) 3 MFBM Redwood timber, dense select all heart struc. grade;
- (9) 16,000 lbs. struc. metal;
- (10) 12 each fire tanks;
- (11) 1 lot clean and paint;
- (12) 1 lot misc. items of work;

ALTERNATE A

(13) 960 lf. furnish precast concrete piles;

(14) 24 each driving do.;

ALTERNATE B

(15) 960 lf. furnish cast in place concrete piles, type not requiring mandrel;

(16) 24 each driving steel shells, type not requiring mandrel;

ALTERNATE C

(17) 960 lf. furnish cast in place concrete piles, mandrel type;

(18) 24 ea. driving steel shells, mandrel type.

A bidder is required to submit a bid on one alternative, and may, but is not required to submit bids on all alternatives.

The contract will be awarded unless all bids are rejected, to the lowest responsible bidder for the work as a whole.

Plans and specifications are obtainable from the above office. 29

BIDS OPENED

LOS GATOS, Santa Clara Co., Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at \$6512.45, submitted the low bid to the Los Gatos Town Council, Donna M. Winning, Town Clerk, Town Hall, Los Gatos, for the improvement of Main St. at El Monte Hill, Los Gatos.

Complete bids follow:

- Earl W. Heple, San Jose.....\$6512.45
- F. Kaus, Stockton.....7484.79
- Piazza & Huntley, San Jose.....\$095.17
- Granite Const. Co., Ltd., Watsonville.....8369.97
- A. J. Raisch, San Jose.....10,837.50

Bids taken under advisement. 29

BIDS OPENED

BURLINGAME, San Mateo Co., Cal.—Pacific States Constr. Co., 708 Call Bldg., San Francisco, at \$29,385.70, submitted low bid to the Burlingame City Council, J. R. Murphy, City Clerk, City Hall, Burlingame, for 0.6 mile of resurfacing with asphaltic concrete, together with grading, curbing, sidewalks, gutters and appurtenances on El Camino Real, between Bellevue Ave. and Peninsula Ave.; and 0.11 mile widening and resurfacing with asphaltic concrete with combined concrete curb and gutter on each side of the street 6 feet in width on Broadway, between Southern Pacific Railroad and the

Bayshore Highway, Burlingame.
 Complete bids follow:
 Pacific States Constr. Co., San Francisco—\$22,385.70.
 Union Paving Co., San Francisco—\$22,384.80.
 Fay Improvement Co., San Francisco—\$23,685.25.
 A. G. Raisch, San Francisco—\$24,380.20.
 Eaton & Smith, San Francisco—\$24,730.85.
 Charles L. Harney, San Francisco—\$26,227.70.
 Lowrie Paving Co., San Francisco—\$26,836.50.
 Bids were taken under advisement.

April 19, 1938
CONTRACTS AWARDED

STATE OF WASHINGTON.—Director of Highways L. V. Murrow, Olympia, awarded contracts for road and bridge work to the following:
SPOKANE CO.: Grading, draining, surfacing, constructing a reinforced concrete overcrossing, and constructing a bituminous surface treatment plant mix type Class F and light bituminous surf. treatment on about 0.6 mile of Primary State Highway No. 2, Deep Creek West—Overcrossing, Federal Aid Grade Crossing Project No. FAGH 22, in Spokane County.

Awarded: Chas. A. Power, East 27 Eighth Ave., Spokane, at \$51,838.35.

YAKIMA CO.: Constructing a reinforced concrete continuous box girder bridge on Primary State Highway No. 5, Naches River Bridge, Federal Aid Project No. 211-E, in Yakima County.

Awarded to David Nygren, 309 Lloyd Bldg., Seattle, at \$35,793.

PIERCE CO.: Paving with asphaltic concrete type I-1 of about 0.2 mile of Primary State Highway No. 5, Wood Ave. in Sumner, U. S. Public Works Project No. NRS 250-A, in Pierce County.

Awarded: Woodworth & Cornell, 1122 East D St., Tacoma, \$5,313.50.

WAHKIAKUM CO.: Clearing, grading, draining, and surfacing about 0.6 mile of Primary State Highway No. 12, K. M. Mountain to Grays River, FAP No. 208-C (Unit 2), in Wahkiakum County.

Awarded: Klinefine, Varn & Johnson, Inc., Rt. No. 4, Box 744, Vancouver, at \$27,818.05.

ADAMS CO.: Clearing, grading, draining, surfacing and manufacturing and stockpiling crushed stone surfacing and mineral aggregates (oil rock) on about 7.4 miles of Primary State Highway No. 18, Grant County Line to Ritzville, Section 3, State Project, in Adams County.

Awarded: Morrison-Kundsen Co. Inc., and Triangle Const. Co., Boise, Idaho, \$138,841.71.

WHITMAN CO.: Constructing a light bituminous surface treatment, nonskid seal treatment (single seal) and constructing cable guard rail on about 25.6 miles of Primary State Highway No. 3, Section 1, Palouse to Idaho State Line; Section 2, Okedale to Garfield; Section 3, Colfax to Mockonema and Section 4, Dusty East, State Project, in Whitman Co.
 Awarded: Norris Bros., Burlington at \$24,237.50.

SKAMANIA CO.: Clearing, grading, draining, surfacing, manufacturing and stockpiling mineral aggregates (oil rock) and constructing bituminous macadam, light bituminous surface treatment and nonskid seal treatment (single seal) on about 16.5 miles of Primary State Highway No. 8, North Bonneville to Cook, State Project, in Skamania County.

Awarded: Homer G. Johnson, Imperial Hotel, Portland, at \$141,133.

LEWIS CO.: Manufacturing and

stockpiling crushed stone surfacing and mineral aggregates (oil rock) on Secondary State Highways Nos. 1-P and 12-E; Section 1, Secondary State Highway No. 1-P, Vader to Plydcrwood and Section 2, Secondary State Highway No. 12-E, Napavine to Winlock, State Project, in Lewis County.
 Awarded: C. W. Thomas and Son, Winlock, at \$13,009.50.

LEWIS COUNTY: Surfacing, manufacturing and stockpiling, crushed stone surfacing and mineral aggregates (oil rock) and constructing a light bituminous surface treatment and nonskid seal on about 43.5 miles of Primary State Highway No. 5 and Secondary State Highway No. 5-L, Section 1, Klona Creek to Ohaneposh, and Section 2, Morton to West Fork on Primary State Highway No. 5 and Section 3, Morton to Riffe on Secondary State Highway No. 5-L, State Project, in Lewis County.

Awarded: R. O. Dail and Warren Bros., Inc., Aberdeen, \$85,250.

PEND OREILLE and Stevens Cos. Constructing a light bituminous surface treatment and nonskid seal treatment (single seal) on about 51.2 miles of Primary State Highways Nos. 6 and 22, Section 1, McCloud Creek to Blueside; Section 2, Metaline Falls to B. C. Line; Section 3, Northport to B. C. line, State Proj., in Pend Oreille and Stevens Counties.

Awarded to McAtee, Inc., E 930 16th St., Spokane, \$39,578.

LINCOLN and Ferry Cos.: Surfacing with crushed stone, manufacturing and stockpiling crushed stone surfacing material and mineral aggregates (oil rock) and constructing a light bituminous surface treatment and nonskid seal on about 24.9 miles of Primary State Highways Nos. 4 and 7 and Secondary State Highway No. 4-A, Section 1, Secondary State Highway No. 4-A, Birsview to O'Brien Creek; Section 2, Primary State Highway No. 7, Davenport South and Section 3, Primary State Highway No. 4, Wilbur to Keller Ferry, State Project, in Lincoln and Ferry Cos.

Awarded: McAtee Co., E 930 16th Ave., Spokane, at \$36,716.10.

SKAGIT COUNTY: Surfacing with crushed stone and manufacturing and stockpiling crushed stone surfacing on about 13.6 miles of Secondary State Highway 17-A, Birsview to Rockport, State Project, in Skagit County.

Awarded: A. W. Stevens Const. Co., 711 2nd St., Mt. Vernon, at \$18,140.

MASON COUNTY: Manufacturing and stockpiling mineral aggregates (oil rock) for nonskid seal treatment on Primary State Highway No. 14, Junction of Primary State Highway No. 9 to Belfair, State Project, in Mason County.

Awarded: General Const. Co., 3840 Iowa St., Seattle, \$9,303.

KITSAP and Pierce Cos.: Manufacturing and stockpiling crushed stone surfacing material and mineral aggregate (oil rock) for nonskid seal treatment on Primary State Highway No. 14, Port Orchard to Gig Harbor and Port Orchard to Harper, State Project, in Kitsap and Pierce Counties.

Awarded: General Const. Co., 3840 Iowa St., Seattle, \$9,239.

CONTRACT AWARDED

OAKLAND, Calif.—Ransome Co., 4030 Hollis St., Emeryville, at \$10,731.88, awarded contract by the Oakland City Council, W. W. Chapel, City Clerk, City Hall, for surfacing the easterly side of Grove Street, between State Highway Route 55 and 22nd St., Oakland.

BIDS WANTED

LONG BEACH.—Until Apr. 25, 10 a.m., bids will be received by Long Beach City Manager R. M. Dorton for improvement of Los Angeles St., between Long Beach Blvd. and the L. A. River flood control channel.

- The work involves:
- (1) 180 sq. ft. 8-in. portland cement concrete gutter
 - (2) 2198 sq. yds. penetration oil treatment;
 - (3) 1175 tons asph. concrete base course;
 - (4) 786 tons asph. concrete leveling course;
 - (5) 786 tons asph. concrete, type A, wearing surface;
 - (6) 6,887 sq. ft. 7-in. asph. concrete paving subgrade;
 - (7) 1.3 cu. yd. concrete removal. * 29

BIDS WANTED

STATE OF WASHINGTON.—Until May 3, 10 a.m., bids will be received by Lacey V. Murrow, State Director of Highways, Olympia, Wash., for construction of the following improvements:

Kittitas Co.: Clearing, grading, surfacing and constructing reinforced concrete "T" beam and slab bridges on about 8.4 miles of Primary State Highway No. 2, Virden to Iron Creek, Federal Aid Project No. 295-A, in Kittitas Co., Wash., involving about 82 acres of clearing, 227,995 cubic yards of excavation, 74,500 cubic yards of crushed stone surfacing, 1,825 cubic yards of concrete, 287,610 pounds of reinforcing steel, 39 MFBM of untreated timber and lumber, 2,556 linear feet of pipe culverts, and other items.

Kittitas County: Paving with Portland cement concrete on about 9.0 miles of Primary State Highway No. 3, Junction 1, Teanaway Junction to Junction, Secondary State Highway No. 3-M; and Primary State Highway No. 2, Section 2, City of Cle Elum Paving Gaps, Federal Aid Projects Nos. 165-E, F & G, and State Project, in Kittitas County, Washington, involving about 31,590 cubic yards of excavation, 61,200 cubic yds. of selected roadway borrow, 4,330 cubic yards of crushed stone surfacing, 100,428 square yards of cement concrete pavement, 101 cubic yards of concrete, 10,500 pounds structural steel, 25,570 pounds of steel reinforcing bars, 7564 linear feet of beam type guard rail, 2,056 linear feet of pipe culverts, and other items.

Kittitas County: Paving with Portland cement concrete of about 6.1 miles of Primary State Highway No. 3, Junction of Secondary State Highway No. 3-M to Milwaukee Undercrossing, Federal Aid Projects Nos. 165-A, C and E, in Kittitas County, Washington, involving about 24,210 cubic yards of excavation, 41,630 cubic yards of selected roadway borrow, 71,639 square yards of cement concrete pavement, 22,670 pounds of steel reinforcing bars, 21,118 linear feet of reinforced concrete cribbing headers and stretchers, 5,100 linear feet of untreated timber piling, 28 MFBM of untreated timber and lumber, 2,515 linear feet of pipe culverts, and other items.

Whitman County: Constructing 2 reinforced concrete bridges on Primary State Highway No. 3, Union Flat Creek Bridge, and Palouse River Bridge at Colfax, Federal Aid Project No. 85-E, Unit 5, in Whitman County, Washington, involving about 840 cubic yards of excavation, 874 cubic yards of concrete, 192,000 lbs. of steel reinforcing bars, 1,800 lbs. of cast chromium steel, 32 linear feet of pipe culverts, and other items.

Yakima County: Grading, surfacing, manufacturing and stockpiling crushed stone surfacing on about 5.2

miles of Primary State Highway No. 5 (White Pass Branch), Rimrock to Tieton Canal Intake, Federal Aid Project No. 211-B, in Yakima Co., Washington, involving about 2,920 cubic yards of excavation, 14,960 cubic yards of ballast, 16,040 cubic yards of crushed stone surfacing, and other items.

Clallam County: Clearing, grading, draining and surfacing of about 4.3 miles of Primary State Highway No. 9, Forks Prairie to Bogachiel River, Federal Aid Project No. 170-B, in Clallam County, Washington, involving about 20 acres of clearing, 30,930 cubic yards of excavation, 33,100 cubic yards of selected roadway borrow, 9,500 cubic yards of crushed stone surfacing, 75 linear feet of half-round corrugated metal spillway, 800 linear feet of pipe culverts, and other items.

King and Snohomish Counties: Clearing, grading, draining, and surfacing of about 2.9 miles of Secondary State Highway No. 2-B, Lake Forest Park Junction of Primary State Highway No. 1, Federal Aid Secondary Project No. FAS 14-A, in King and Snohomish Counties, Washington, involving about 5 acres of clearing, 36,740 cubic yards of excavation, 12,770 cubic yards of selected roadway borrow, 5,560 cubic yards of screened gravel surfacing, 2 MFEM of untreated timber and lumber, 86 linear feet of pipe culverts, and other items.

Chelan County: Clearing, grading, draining, surfacing, manufacturing and stockpiling mineral aggregates (oil rock) and constructing bituminous surface treatment roadmix type Class B and bituminous retard surface on about 9.3 miles of Secondary State Highway Nos. 10-C and 10-D, Section 1, Manson to Chelan and Section 2, Chelan to Chelan Falls, Federal Aid Secondary Project No. FAS 22-A and State Project in Chelan County, Washington, involving about 46,230 cubic yards of excavation, 18,120 cubic yards of borrow, 2,540 cubic yards of crushed stone surfacing, 8,650 cubic yards of mineral aggregates (oil rock), 572 tons of bituminous cement, 1,230 linear feet of pipe culverts, and other items.

Grays Harbor County: Painting 3 bridges on Primary State Highway Nos. 9 and 13; Chehalis River and Wishkah River Bridges at Aberdeen, and Hoquiam River Bridge on Simpson Avenue in Hoquiam, State Project, in Grays Harbor County, Washington, involving the painting of about 1,420 tons of structural steel and machinery. Paint materials to be furnished by the State.

Grant and Adams Counties: Constructing one reinforced concrete girder bridge and five reinforced concrete slab bridges on Primary State Highway No. 18, Neppel to Ritzville-Bridges, State Project, in Grant and Adams Counties, Washington, involving about 750 cubic yds. of excavation, 1,151 cubic yards of concrete, 337,000 pounds of steel reinforcing bars, 550 pounds of cast bronze, 16,300 pounds of structural steel, 4,900 linear feet of precast concrete piling, and other items.

Thurston, Grays Harbor and Mason Counties: Constructing a light bituminous surface treatment on about 38.4 miles of Secondary State Highways Nos. 5-1, 1-M and 9-D; 1-M from 1st to West Section 2, Rochester East and Section 3, Junction PSH No. 9 near Whites to Junction PSH No. 9 near Kamilchee, Grays Harbor and Mason Counties, Washington, involving about 880 tons of bituminous cement, and other items.

Plans and specifications may be

obtained from above office upon deposit of \$2. 29

CONTRACT AWARDED

OAKLAND, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at \$64,832 was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the construction of outlet tunnel and sewer in Broadway Terrace, Oakland. Estimated cost, \$65,000. 29

CONTRACT AWARDED

OAKLAND, Calif.—Heafey - Moore Co., 344 High St., Oakland, at \$13,699.56 (Proposition B) awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing Market St. between San Pablo Ave. and Adeline St., Oakland. 29

BIDS WANTED

YERBA BUENA SHOALS.—Until April 28, 3 P. M., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 180, for the construction of service roads on Yerba Buena Shoals.

Plans and specifications may be obtained from the above office after April 18, 2 P. M. 29

BIDS WANTED

STATE OF OREGON.—Until April 29, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, 3rd floor, Public Service Bldg., Portland, Oregon, for bridge and highway construction, as follows:

BAKER COUNTY: Baker - Flagstaff Hill Section of Baker-Homestead Highway; Federal Aid Secondary Proj. No. FAS 10-4; 5.65 miles grading and oiling; also furnish 2,000 c.y. crushed gravel in stock piles. Requires approximately 58,000 c.y. of excavation, 19,000 c.y. pit-run gravel topping, 2,000 c.y. crushed gravel, and 60,000 sq. yds. oil mat surf. treatment.

CLACKAMAS COUNTY: Molalla Section of Woodburn-Mt. Hood Secondary Highway. State Project; 1-523 lf. of paving; requiring approximately 1,100 c.y. of excavation, and 4,300 sq. yds. of Portland cement concrete pavement.

CLATSOP COUNTY: Walluski River Bridge Section of Nehalem Secondary Highway; Federal Aid Secondary Project No. FAS 213-1. Remodel 130 lf. steel swing span; construct 348 lf. pile trestle approach, and 0.34 mile grading and surfacing. Requires approximately 26,000 lbs. structural steel, 176 M-FBM treated and untreated lumber, 8,600 lf. piling, 24,700 cu. yds. excavation, and 1,600 c.y. of crushed rock surfacing.

LINCOLN and Tillamook Counties: Otis-Boyer Section of Salmon River Highway, State Project. Furnish approximately 5,000 c.y. crushed rock or crushed gravel in stock piles.

LINN COUNTY: Sheep Ridge-Toll Creek Section of Santiam Highway, Federal Aid Project No. 196-F; 153 miles grading, requiring approx. 301,000 c.y. excavation, 130 c.y. concrete and 20,000 lbs. metal reinforcement.

WASHINGTON and Columbia Cos. Wolf Creek Bridges on Wolf Creek Highway, Federal Aid Project No. 186-A. Construct two concrete bridges one 90-ft. long, and the other 130-ft. long, requiring approximately 410 c.y. concrete, 85,000 lbs. metal reinforcement, and 450 lf. concrete handrail.

YAMHILL COUNTY: McMinville Section of Pacific Highway West, Federal Aid Project No. 122-B; 2.04 miles of roadside improvement, requiring approximately 2,400 c.y. top soil excavation; 16,000 lf. penetration type oiled rock gutter, seeding ten acres to grass, and planting 72 trees.

YAMHILL CO.: Spaulding Ranch Section of Salem-Dayton Secondary Highway, Federal Aid Secondary Project No. FAS 6-A; 1.66 miles of grading, surfacing and oiling; also furnishing 250 c.y. crushed rock or crushed gravel in stock piles. Requires approximately 18,000 c.y. of excavation, 15,500 c.y. crushed rock or crushed gravel, and 20,000 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained at the office of the State Highway Commission, R. H. Baldock, State Highway Engineer, Room 322, State Office Bldg., Salem, Ore., upon deposit of \$5.00. 29

BIDS WANTED

STATE OF OREGON.—Until April 29, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, 3rd floor, Public Service Bldg., Portland, Oregon, for bridge and highway construction, as follows:

COOS COUNTY: Landrith Bridge over South Fork of Coos River on Landrith County Road, Alternate A; Construct 150 lf. steel truss span with 550 lf. pile trestle approaches; requiring approximately 12,400 lf. of piling, 69 M-PBM lumber; 286 c.y. concrete, 23,000 lbs. metal reinforcement and 106,000 lbs. structural steel. Also B Construct 150 lf. steel truss span without pile trestle approaches. The bids for this project will be received for and in behalf of and will be considered by the Country Court of Coos County.

DESCHUTES COUNTY: Brothers Oasis on Central Oregon Highway, Federal Aid Project No. 147-H. Drill and case a well approximately 450 lf. in depth.

KLAMATH COUNTY: Lohert-Moody Point Section of The Dalles-California Highway, Federal Aid Proj. No. 83-A; 5.03 miles of grading and 2.58 miles talus rock roadbed topping. Requires approx. 80,000 c.y. of excavation, and 45,000 c.y. talus rock topping. This project may be bid in combination with the Williamson River Bridge Project in Klamath Co.

KLAMATH COUNTY: Williamson River Bridge Section of The Dalles-California Highway, Federal Aid Proj. No. 83-A. Construct 270 lf. of reinforced concrete bridge, requiring approximately 620 c.y. concrete, 124,000 lbs. metal reinforcement, and 560 lf. concrete handrail.

LAKE CO.: Cottonwood Creek-Maddock Corner Section of Klamath Falls-Lakeview Highway, Federal Aid Secondary Project No. FAS 29-A; 2.0 miles grading and talus rock roadbed topping. Requires approximately 50,000 c.y. excavation, and 14,000 c.y. talus rock topping.

LANE COUNTY: Siuslaw Junction Ross Station Section of the Pacific Highway, Federal Aid Projects Nos. 262-A and 262-C; 6.37 miles paving, equiring approximately 3,400 c.y. of pit-run gravel topping, 11,900 c.y. of crushed rock or crushed gravel, and 32,700 sq. yds. Portland cement concrete pavement.

MARION COUNTY: Pringle Creek Taylor Creek Section of the Pacific Highway, Federal Aid Project No. 176-C; 5.47 miles roadside improvement, requiring approximately 4,500 c.y. top soil excavation, seeding 13 acres to grass, and planting 2,600 vines, 85 shrubs and 156 trees.

TILLAMOOK CO.: Mills Bridge-Jordan Creek Section of Wilson River Highway, Federal Aid Projects Nos. 191-A, B, C, D; 12.38 miles of oil mat surface treatment, and 1,000 c.y. slide excavation.

Plans and specifications may be obtained at the office of the State Highway Commission, R. H. Baldock, State Highway Engineer, Room 322,

State Office Bldg., Salem, Ore., upon deposit of \$5.00. * 29

BIDS WANTED

ARIZONA STATE.—Until April 29, 2 p. m., bids will be received by the Arizona State Highway Commission, Howard S. Reed, State Highway Engineer, Phoenix, Ariz., for construction of grading, draining, aggregate base course and processing on about 3.6 miles extending easterly from a point about 27 miles southwest of Tucson at the Papago Indian Reservation boundary (F.A.S. 110-E 1938).

Principal estimated quantities include the following: 2800 c.y. roadway excav.; 9900 c.y. drainage excavation; 4700 l.f. grader ditches; 900 c.y. structural excav.; 20,100 c.y. imported borrow (CIP); 13,100 tons coarse aggregate base course (CIP); 7900 tons fine aggregate base course (CIP); 1335 M. gal. sprinkling; 430 hours rolling; 420 c.y. Class A concrete; 43,000 lbs. reinf. steel; 120 l.f. CMP (2 sizes); 5500 tons mineral aggregate (CIP); 76,600 gals. road oil (SC-2); 3.6 miles processing road-mix; 88 tons emuls. asph. (Class A); 630 tons screenings.

Plans and specifications may be obtained at the office of the Arizona Highway Department, 17th Avenue and Jackson St., Phoenix. * 29

BIDS WANTED

PIMA COUNTY, Ariz.—Until April 29, 2 P. M., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of (A)Jucson Highway, FAS 110-E, (1938) AFE 631. The work, which begins at the Papago Indian Reservation boundary, about 27 miles southwest of Tucson, and extends east about 3.6 miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road oil, road mix) and is to be completed on or before Sept. 30, 1938. The work involves:

- (1) 2,800 c.y. rdwy. excav.;
- (2) 9,900 c.y. drainage excav.;
- (3) 4,700 l.f. grader ditches;
- (4) 900 c.y. struc. excav.;
- (5) 20,100 c.y. imported borrow;
- (6) 13,100 tons coarse aggregate base course;
- (7) 7,900 tons fine do;
- (8) 1,335 M. gals. sprinkling;
- (9) 430 hours rolling;
- (10) 420 c.y. Class A concrete;
- (11) 43,000 lbs. reinf. steel;
- (12) 120 l.f. corr. metal pipe;
- (13) 5,500 tons mineral aggregate;
- (14) 76,600 gals. road oil (SC-2);
- (15) 3.6 miles processing road mix;
- (16) 88 tons crushed asph. (Class A);
- (17) 630 tons screenings.

Certified or cashier's check, 5%, must accompany bid. * 29

30—RESERVOIRS & DAMS

BID OPENING POSTPONED

POLK CO., Ore.—Until April 27, 3 p.m. (date postponed from Apr. 19), bids will be received by the U. S. Engineer Office, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-477, for bank clearing, bank sloping, gravel filling and gravel excavation in connection therewith, and the construction of approximately 2900 feet of rock riprap revetment, located in the Eola Bend District Improvement Company, Polk County, Oregon.

Work involves:

- (1) 2 acres bank clearing;
- (2) 3600 c.y. bank sloping;
- (3) 9600 c.y. gravel excav.;
- (4) 700 c.y. gravel fill;
- (5) 15,000 c.y. rock riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

BID OPENING POSTPONED

MARION CO., Ore.—Until April 27, 3 p.m. (date postponed from April 19), bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-479, for the construction of approximately 5,500 feet of rock riprap revetment at Weston Bend in Horseshoe Lake District Improvement Co.; and 6,200 feet of rock riprap revetment at Ditmars Bend in Ditmars Bend District Improvement Co., Marion County; and for clearing, bank sloping, gravel excavation and gravel filling along the Willamette River 60.0 and 68.5 miles, respectively, above the mouth of the river.

Work involves:

- Section A—Weston Road
- (1) 5 acres bank clearing;
- (2) 8200 c.y. bank sloping;
- (3) 18,700 c.y. gravel excavation;
- (4) 11,100 c.y. gravel fill;
- (5) 32,500 c.y. riprap rock, in place.
- Section B—Ditmars Bend
- (6) 5 acres bank clearing;
- (7) 10,000 c.y. bank sloping;
- (8) 19,900 c.y. gravel excavation;
- (9) 13,100 c.y. gravel fill;
- (10) 35,000 c.y. riprap rock, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until June 1, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Construction Engineer, Old Post Office Bldg., Sacramento, under Spec. No. 780, for the construction of Shasta Dam and Power Plant, Central Valley Project.

The work involves:

- (1) Lump sum, diversion and care of river during construction and unwatering foundations;
- (2) 4,000 c.y. excavation, all classes, stripping borrow pits;
- (3) 100,000 c.y. excav., common, stripping for embankment;
- (4) 5,000 c.y. excav., rock, strip for embankment;
- (5) 680,000 c.y. excav., common, for foundations of concrete dam;
- (6) 1,500,000 c.y. excav., rock, for foundations of concrete dam;
- (7) 120,000 c.y. excav., common, for powerhouse, penstocks, outlet pipes and spillway channel;
- (8) 420,000 c.y. excav., rock, for powerhouse, penstocks, outlet pipes, and spillway channel;
- (9) 58,000 c.y. excav., common, for embankment toe drains and cutoff trenches with sloping sides;
- (10) 59,000 c.y. excav., rock, for embankment toe drains and cutoff trenches with sloping sides;
- (11) 500 c.y. excav., common, for core-wall footings;
- (12) 3,300 c.y. excav., rock, for core-wall footings;
- (13) 2,800 c.y. excav., all classes, for coaser-gate structure;
- (14) 2,600 c.y. excav., all classes, in grouting and drainage tunnels;
- (15) 180,000 c.y. excav., common, for roads and railroad;
- (16) 195,000 c.y. excav., rock, for do.;
- (17) 100,000 c.y. excav., common, in borrow pits and transportation to embankment;
- (18) 200,000 c.y. backfill;
- (19) 24,000 c.y. compacted backfill;
- (20) 250,000 c.y. earth fill in embankment;
- (21) 100,000 c.y. rolled rock fill in embankment;
- (22) 360,000 c.y. rock fill on upstream slope of embankment;
- (23) 120,000 c.y. rock fill on downstream slope of embankment;
- (24) 7,500 c.y. rock fill on slopes of tailrace channel;
- (25) 1,000 c.y. rubble masonry walls;

- (26) 100 lin. ft. lay 12-in. diam. CMP culverts;
- (27) 1,000 l.f. lay 18-in. diam. CMP culverts;
- (28) 600 l.f. lay 24-in. do.;
- (29) 500 l.f. lay 36-in. do.;
- (30) 400 l.f. lay 48-in. do.;
- (31) 20,000 c.y. place waterbound macadam base course;
- (32) 9,600 c.y. crushed rock, for wearing course, in place;
- (33) 230,000 gals. haul and spread road oil;
- (34) 20,000 sq. yds. mixing, compact, and finish 3-in. oil treated wearing course;
- (35) 57,000 c.y. mix, compact, and finish 5-in. do.;
- (36) 9,000 l.f. constr. guard rails;
- (37) 3,400 truck ft. laying ties and rails;
- (38) 500 anchors, apply rail anchors;
- (39) 1,600 c.y. ballasting railroad track;
- (40) 3,000 truck ft. remove and salvage existing track;
- (41) 8,000 l.f. drill "A" exploratory holes not more than 30 ft. deep;
- (42) 1,000 l.f. drill "A" exploratory holes, more than 30 and less than 50 ft. deep;
- (43) 50,000 l.f. drill "B," "C" and "D" grout holes not more than 30 ft. deep;
- (44) 56,000 l.f. drill "B," "C" and "D" grout holes more than 30 and less than 50 ft. deep;
- (45) 800 l.f. drill "E" inspection holes not more than 30 ft. deep;
- (46) 100 l.f. drill "E" inspection holes more than 30 and less than 50 feet deep;
- (47) 24,000 l.f. drill "E" grout holes more than 30 and less than 50 ft. deep;
- (48) 2,000 l.f. drill "F" grout holes more than 75 ft. and not more than 100 ft. deep;
- (49) 10,000 l.f. drill "G" grout holes not more than 50 ft. deep;
- (50) 9,000 l.f. drill "G" grout holes more than 50 but not more than 100 ft. deep;
- (51) 110,000 l.f. drill "G" grout holes more than 100 ft. but not more than 150 ft. deep;
- (52) 14,000 l.f. drill "G" grout holes more than 150 ft. but not more than 200 ft. deep;
- (53) 2,000 l.f. drill "G" grout holes more than 200 ft. but not more than 300 ft. deep;
- (54) 9,000 l.f. drill "H" grout holes not more than 30 ft. deep;
- (55) 1,000 l.f. drill "H" grout holes more than 30 but not more than 75 ft. deep;
- (56) 2,000 l.f. drill drainage holes not more than 25 ft. deep;
- (57) 20,000 l.f. drill drainage holes more than 25 ft. but not more than 50 ft. deep;
- (58) 5,000 l.f. drill drainage holes more than 50 but not more than 75 ft. deep;
- (59) 3,000 l.f. drill drainage holes more than 75 ft. but not more than 100 ft. deep;
- (60) 1,000 l.f. drill drainage holes more than 100 ft. but not more than 150 ft. deep;
- (61) 1,000 l.f. drill drainage holes more than 150 ft. but not more than 200 ft. deep;
- (62) 500 l.f. drill weep holes;
- (63) 38,000 l.f. drill holes for core-wall footing excav.;
- (64) 1,000 l.f. drill holes for anchor bars and grouting bars, in place;
- (65) 1,500,000 c.y. pressure grouting;
- (66) Lump sum, furnish and install foundation washing plant;
- (67) 16,000 hrs. washing seams in foundation rock;
- (68) 22,000 cu. ft. filling pipe or tubing less than 8-in. diam. by grouting methods;

ELKO CO., NEV.—HWY. RECONSTRUCTION—(State)

- (69) 100,000 l.f. mfging. and placing porous concrete drain tile;
- (70) 1,800 l.f. constr. 6-in. diam. sewer-pipe drains with uncemented joints, embedded in gravel;
- (71) 750 l.f. const. 8-in. diam. do.;
- (72) 4,500 l.f. const. 12-in. diam. do.;
- (73) 220 l.f. const. 6-in. diam. sewer-pipe drains with cemented joints;
- (74) 4,600 l.f. const. 24-in. diam. split sewer-pipe drains;
- (75) 400 l.f. const. 36-in. diam. do.;
- (76) 200 l.f. const. 36-in. diam. pre-cast concrete-pipe drain;
- (77) 5,400,000 c.y. concrete in dam;
- (78) 17,000 c.y. concrete in spillway training walls below elevation 633.5;
- (79) 6,000 c.y. concrete in spillway training walls above elevation 633.5;
- (80) 54,000 c.y. concrete in spillway apron;
- (81) 21,000 c.y. concrete in spillway crest and piers;
- (82) 2,900 c.y. concrete in sidewalks, curbs and parapets on dam;
- (83) 9,200 c.y. concrete in trashrack structures;
- (84) 7,900 c.y. concrete in guide structures for penstock inlet gates;
- (85) 2,400 c.y. concrete in towers and gallery entrances;
- (86) 700 c.y. concrete in spillway bridge;
- (87) 6,000 c.y. concrete in core walls;
- (88) 2,500 c.y. concrete in core-wall footings;
- (89) 32,000 c.y. concrete in powerhouse substructure;
- (90) 25,000 c.y. concrete in powerhouse intermediate structure;
- (91) 8,000 c.y. concrete in powerhouse superstructure;
- (92) 20,000 c.y. second-stage concr. in powerhouse and in penstock and outlet-pipe anchor blocks and drainage trench back of powerhouse;
- (93) 1,000 c.y. concrete in penstock and outlet-pipe supports;
- (94) 4,500 c.y. concrete in penstock and outlet-pipe anchor blocks;
- (95) 350 c.y. concrete in bulkheads;
- (96) 1,200 c.y. concrete lining in tunnels;
- (97) 3,500 c.y. concrete in tunnel plug;
- (98) 1,300 c.y. concrete in coaster-gate structure;
- (99) 3,500 c.y. concrete in retaining and tailrace cut-off walls;
- (100) 400 c.y. concrete in road structures and paving for gantry-crane siding;
- (101) 8,500 c.y. concrete backfill in exploratory tunnels and shafts;
- (102) 260 c.y. concrete backfill in shafts and galleries of dam;
- (103) 100 c.y. concrete backfill in pipes 8-in. nominal diameter and larger;
- (104) 4,960,000 c.y. cooling cement;
- (105) 7,500 sq. yds. special finishing of concrete surfaces;
- (106) 1,200 recesses, finishing lighting;
- (107) 100 sq. yds. chipping and roughening concrete surfaces;
- (108) 26,000,000 lbs. placing reinf. bars and fabric;
- (109) 128,000 intersections, insulating reinf. bars and conduit;
- (110) 1,400 welds of reinf. bars;
- (111) 360,000 l.f. install metal sealing strips in contraction and expansion joints;
- (112) 10,000 l.f. install metal sealing strips in construction joints in powerhouse;
- (113) 130,000 l.f. ins.all cover plates on grout grooves;
- (114) 55,000 sq. ft. install expansion joint filler and shock absorb. pads;

ELKO COUNTY, Nevada—Nevada Rock and Sand Co., Inc., Reno, at \$7,282.05 submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the reconstruction of approximately 4.83 miles of the State Highway from five miles north of Currie to 26 miles south of Wells, Route 13, Sections A2 and B2, Elko County.

- Work involves:
- (1) 3 c.y. remove concrete;
 - (2) 152 l.f. remove culvert pipe;
 - (3) 6 each, remove headwall;
 - (4) 184 sq. yds. remove and stock-pile roadmix surf.;
 - (5) 835 c.y. drainage excav.;
 - (6) 3 sta. V type ditches;
 - (7) 686 c.y. structure excav.;
 - (8) 335 c.y. backfill;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 5.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
(2)	1.00	1.00	1.00	1.00	1.00	2.00
(3)	7.00	8.00	10.00	10.00	10.00	5.00
(4)	.50	.25	.50	1.00	.25	1.00
(5)	.35	1.00	.50	1.00	1.00	1.00
(6)	5.00	5.00	10.00	10.00	10.00	10.00
(7)	1.25	1.50	1.00	1.50	1.50	2.00
(8)	.50	1.00	1.00	1.00	1.00	.75
(9)	5.00	2.50	5.00	5.00	10.00	10.00
(10)	33.00	30.00	40.00	38.00	40.00	40.00
(11)	35.00	30.00	30.00	38.00	40.00	40.00
(12)	.07	.08	.10	.10	.10	.15
(13)	3.25	2.50	4.00	3.25	4.00	4.00
(14)	4.00	3.00	6.00	3.75	4.50	5.00
(15)	6.00	4.00	7.00	5.00	6.00	6.00
(16)	1.00	1.00	.50	1.00	1.50	1.50
(17)	8.00	15.00	20.00	10.00	12.50	10.00
(18)	.50	.60	50	1.50	.25	1.00

- (9) 4 M. gals. water;
- (10) 90 c.y. Class A concrete;
- (11) 14 c.y. Class B concrete;
- (12) 9,740 lbs. reinf. steel;
- (13) 124 l.f. 24-in. corr. metal pipe;
- (14) 48 l.f. 30-in. corr. metal pipe;
- (15) 118 l.f. 36-in. corr. metal pipe;
- (16) 76 l.f. relay culvert pipe;
- (17) 2 each move pipe culvert head-walls;

- (18) 184 sq. yds. replace surface.
- Total bids follow:
- (A) Nevada Rock & Sand Co., Inc., Reno, \$7,282.05.
 - (B) J. A. Casson, Hayward, Calif., \$7,541.60.
 - (C) Silver State Const. Co., Inc., Reno \$8,598.50.
 - (D) Isbell Const. Co., Reno, \$9,146.
 - (E) Dodge Const., Inc., Fallon, \$9,258.
 - (F) Utah Const. Co., Ogden, Utah, \$10,459.25.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(15) 1,500 l.f. install and reliequify asphalt seals;						
(16) 35,000 sq. ft. install bituminous-saturated felt roofing, complete with flashing;						
(17) 33,000 sq. ft. 1-in. bit. mastic on roofs;						
(18) 5,200 sq. ft. placing 2-in. cork insulation on roofs;						
(19) 60 c.y. lightweight concrete in floors;						
(20) 38,000 lbs. install metal intermediate framing members for glass-block panels;						
(21) 5,000 sq. ft. install glass block						
(22) 1,000 sq. yds. const. suspended ceilings;						
(23) 60 sq. yds. const. hollow walls of metal lath and plaster;						
(24) 3,000 sq. yds. plaster on concrete walls and ceilings;						
(25) 2,100 sq. ft. install lead-sheet membrane waterproofing;						
(26) 7,700 sq. ft. install 5-ply bituminous membrane waterproofing;						
(27) 7,000 sq. yds. waterproofing of exterior walls;						
(28) 3,700,000 lbs. install drum gates;						
(29) 320,000 lbs. install drum gate control mechanisms;						
(30) 2,200,000 lbs. install gate frames, seats, guides, stop-log seats and gides;						
(31) 1,000,000 lbs. install penstock coaster gates and diversion-tunnel coaster gate;						
(32) 500,000 lbs. install hoists for penstock coaster gates and diversion tunnel coaster gate;						
(33) 400,000 lbs. remove, dismantle and store diversion-tunnel coaster gate and gate hoist;						
(34) 350,000 lbs. install bulkhead and coaster gates in dam and power plant;						
(35) 4,700,000 lbs. install ring-seal gates and conduit-llning castings;						
(36) 100,000 lbs. install needle valves;						
(37) 100,000 lbs. install pumps and eductors;						
(38) 10,000,000 lbs. install main-unit penstocks;						
(39) 1,400,000 lbs. install 86-in. dia. pipes for needle-valve outlet works;						
(40) 260,000 lbs. install 48-in. diam. penstock;						
(41) 2,000,000 lbs. install welded plate-steel conduit linings;						
(42) 900,000 lbs. install struc. steel;						
(43) 865,000 lbs. install struc. steel and metalwork for bridges;						
(44) 550,000 lbs. install traveling and gantry cranes;						
(45) 550,000 lbs. install track rails;						
(46) 210,000 lbs. install trashrack seat and bearing plates;						
(47) 3,200,000 lbs. install trashrack sections;						
(48) 410,000 lbs. install metal tubing and brass, steel, wrought-iron and cast-iron pipe, fittings and valves less than 6-in. nominal diameter;						
(49) 1,500,000 lbs. install metal tubing and brass, steel, wrought-iron, and cast-iron pipe, fittings and valves 6-in. and greater nominal diam.;						
(50) 4,700,000 lbs. install metal tubing and fittings for concrete cooling system;						
(51) 1,400,000 lbs. install contraction-joint grout tubing and fittings;						
(52) 30,000 lbs. install metal pipe handrails;						
(53) 250,000 lbs. install metal stairways;						
(54) 61,000 lbs. install embedded metalwds. for floor openings;						
(55) 45,000 lbs. install grating, platforms, and covers for floor openings;						
(56) 16,000 lbs. install metal catch basins and drain inlets;						
(57) 6,000 lbs. install metal protectors for concrete edges;						
(58) 40,000 lbs. install oil-storage tanks;						

- (159) 1,100 sq. ft. install metal accordion doors;
 - (160) 3,500 sq. ft. install metal swinging doors;
 - (161) 3,200 lbs. install metal swinging gates;
 - (162) 2,500 sq. ft. install metal-sash windows;
 - (163) 700 lbs. install metal-sash window operators;
 - (164) 22,000 lbs. install metal inserts;
 - (165) 1,500 l.f. install metal expansion joints in floors;
 - (166) 2,000 l.f. install metal expansion-joint facings in walls;
 - (167) 150,000 lbs. install misc. metal work;
 - (168) 450 sq. ft. install wooden doors;
 - (169) 35,000 l.f. install embedded elec. metal conduit 1 1/4-in. or less in diameter;
 - (170) 51,000 lin. ft. install embedded elec. metal conduit larger than 1 1/2-in. and not larger than 3-in. in diam.;
 - (171) 7,000 l.f. install embedded electric metal conduit larger than 3 inches in diameter;
 - (172) 500 l.f. install embedded electric nonmetallic conduit not larger than 4 inches in diam.;
 - (173) 36,000 lbs. install ground wiring material;
 - (174) 166,000 l.f. install elec. cable for temperature-strain, and stress-measuring instruments, embedded in concrete;
 - (175) 50,000 l.f. install copper tubing for river-outlet piezometers.
- Plans and specifications may be obtained from the Bureau of Reclamation, Old Post Office Bldg., Sacramento. No deposit charged to prospective bidders; \$500 deposit (not returnable) charged to others. A copy of the plans and specifications are on file at the office of Dally Pacific Builder for inspection.

31—PIPE LINES & WELLS

- BIDS WANTED**
 SAN FRANCISCO, Cal.—Until May 4, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 164, for the laying of 6-inch and 8-inch cast-iron mains in Sweeny Street and De Haro Street, San Francisco.
- Work involves:
- (1) 1090 l.f. excav. and backfill for 6-in. and 8-in. pipe, trench 17 in. wide by 36 in. deep;
 - (2) 20 c.y. additional excav. and backfill;
 - (3) no item 3;
 - (4) installing pipe:
 - (a) 640 l.f. 6-in. bell and spigot C.I. pipe;
 - (b) 450 l.f. 8-in. bell and spigot C.I. pipe;
 - (5) 900 lbs. installing fitting, gate valves, etc.;
 - (6) 155 l.f. making bell and spigot joints for pipe and fittings;
 - (7) 30 sq. ft. repavement;
 - (8) 35 3/4-in. screw tape installed;
 - (9) 820 l.f. installing of 3/4-in. service pipe.
- Specifications obtainable from 6th Floor of S.F.W.D. Bldg., 425 Mason St., upon deposit of \$5.00. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED
 YERBA BUENA SHOALS.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$18,713.62, awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 174, for the construction of sanitary sewer laterals on Yerba Buena Shoals.

LASSEN CO.—GRADE & SURF.—(State)

LASSEN CO., Calif.—Poulos & McEwen, Sacramento, at \$106,534.90, submitted low bid to State Div. of Highways, C. H. Purcell State Highway Engr., Public Works Bldg., Sacramento, for about 30.4 miles grading and surfacing with plant-mixed surfacing between Nubieber and 8 1/2 miles northeast of Bieber, Lassen Co.

Work involves:

- (1) Clear and grub right of way;
- (2) 2,060 M. gals. water;
- (3) 36,200 c.y. rdwy. excav., unclass.
- (4) 440,000 sta. yds. overhaul;
- (5) 37,200 c.y. imported borrow;
- (6) 800 c.y. struc. excav.;
- (7) 300 c.y. ditch and channel excavation;
- (8) 37 c.y. remove and dispose of existing conc. struc.;
- (9) 542 sta. finish rdwy.;
- (10) 48,700 c.y. imported surf. material;
- (11) 235 tons liquid asphalt SC-2 prime coat;
- (12) 16,800 tons min. aggregate plant mix surf.;
- (13) 895 tons liquid asphalt ROMC-4 or ROMC-5 plant mix surf.;
- (14) 110 tons liquid asphalt ROMC-3 or ROMC-4 seal coat;
- (15) 1,010 tons sand seal coat;

- (16) 119 c.y. Class A portland cement conc. struc.;
- (17) 3,600 lbs. bar reinf. steel;
- (18) 414 l.f. 12-in. CMP;
- (19) 530 l.f. 18-in. CMP;
- (20) 262 l.f. 24-in. CMP;
- (21) 84 l.f. 30-in. CMP;
- (22) 54 l.f. 36-in. CMP;
- (23) 84 l.f. remove, clean, salvage, and stockpile CMP;
- (24) 234 l.f. remove, clean and relay CMP;
- (25) 844 l.f. laminated guard rail;
- (26) 80 each culvert markers;
- (27) 81 each monuments;
- (28) 16 each clearance markers.

Total bids follow:
 (A) Poulos & McEwen, Sacramento—\$106,534.90.
 (B) J. A. Casson, Hayward—\$116,055.
 (C) Claude C. Wood, Stockton—\$127,817.74.
 (D) Larson Bros. & Harms Bros., Sacramento—\$134,808.20.
 (E) Hanrahan Co., San Francisco—\$151,989.40.
 (F) Pacific States Constr. Co., San Francisco—\$157,943.
 (G) Union Paving Co., San Francisco—\$162,391.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 50.00	\$500.00	\$400.00	\$1500.00	\$1080.00	\$200.00	\$1000.00
(2).....	.75	1.00	1.00	1.00	1.00	1.00	2.00
(3).....	.25	.20	.20	.25	.23	.25	.30
(4).....	.002	.005	.005	.005	.005	.005	.01
(5).....	.36	28	35	38	40	45	40
(6).....	1.00	1.00	1.00	1.25	1.00	1.50	1.50
(7).....	1.00	.25	.60	1.15	.75	1.50	1.00
(8).....	5.00	10.00	3.00	8.00	4.00	4.00	10.00
(9).....	2.00	5.00	4.00	5.00	10.00	5.00	6.00
(10).....	.35	.50	.66	.60	.75	.90	.75
(11).....	16.00	20.00	15.00	16.50	15.00	20.00	17.00
(12).....	1.26	1.37	1.69	1.75	2.30	1.87	2.00
(13).....	20.00	21.00	19.50	20.50	18.50	23.00	25.00
(14).....	23.00	22.00	21.00	22.50	21.00	25.00	25.00
(15).....	1.00	1.25	2.00	1.60	2.50	3.00	3.00
(16).....	30.00	25.00	24.00	30.00	35.00	28.00	40.00
(17).....	.06	.10	.08	.07	.08	.07	.07
(18).....	1.25	1.50	1.29	1.30	1.50	1.50	1.50
(19).....	1.70	2.00	1.66	2.00	2.25	2.00	2.00
(20).....	2.55	2.75	2.60	3.00	3.00	3.00	3.00
(21).....	3.35	3.50	3.39	3.50	3.50	4.00	4.00
(22).....	5.00	6.00	5.03	5.00	5.50	6.00	6.00
(23).....	.80	.75	.60	.75	.75	1.00	1.00
(24).....	.80	1.00	.60	.75	1.00	1.00	1.00
(25).....	1.00	1.00	1.10	1.25	1.10	1.50	1.50
(26).....	2.00	3.00	2.50	2.50	2.50	3.00	3.00
(27).....	1.50	3.00	2.50	3.00	3.00	3.00	3.00
(28).....	2.00	5.00	5.00	6.00	6.00	6.00	6.00

BIDS WANTED
 SAN BUENAVENTURA, Ventura Co., Cal.—Until May 2, 5 P. M., bids will be received by the San Buena Ventura City Council, Grace Woodruff, City Clerk, for the construction of ocean outfall sewer.

Work involves:

- (1) one reinforced concrete manhole;
- (2) 2560 l.f. 20-in. o.d. 9/16-in. wall thickness steel pipe;
- (3) one outfall end assembly.

Plans and specifications may be obtained from City Engineer Carl Froerer, upon deposit of \$10.00. * 32

BOND ISSUE APPROVED
 WILLITS, Mendocino Co., Calif.—By a vote of 398 to 77 the voters of Willits have approved a \$25,000 bond issue for construction and completion of improvements and additions to the sewer system. * 32

33—WATER WORKS

BIDS WANTED
 RIVERDALE, Fresno Co., Calif.—Until April 27, 8 p.m., bids will be received by the Riverdale Public Utility District, Amelia E. Freddi, Clerk, First National Bank Building, Riverdale, for improvements and additions to the waterworks system.

Clerk, First National Bank Building, Riverdale, for improvements and additions to the water works system.

Plans and specifications may be obtained from the above office and from the Engineer, 1213 Broadway, Fresno, upon deposit of \$10, not refundable. * 33

BIDS WANTED
 RIVERDALE, Fresno Co., Calif.—Until April 27, 8 P. M. (as previously reported), bids will be received by the Riverdale Public Utility District, Amelia E. Freddi, Clerk, First National Bank Bldg., Riverdale, for improvements and additions to the waterworks system.

The plans will be on file and certain portions may be obtained for individual use upon payment of the cost thereof. The complete plans will be required by none, probably, excepting the pipe laying contractor. Specifications covering the various parts will cost as follows:
 Elevator steel tank and tower...\$1.50
 Concrete foundations for tank & tower 1.25
 Cast iron pipe 1.15
 Cast iron fittings 1.25
 Valves, hydrants and service cocks 1.25

- Pump remodeling job 1.15
- Galvanized pipe and fittings and miscellaneous 1.15
- Laying of cast iron pipe, fittings, valves, services, etc. 2.00
- None of the above cover cost of complete plans; see Add.
- Elevated Steel Tank and Tower
 - One only of the following:
 - 25,000 gal. on 50-ft. tower;
 - 25,000 gal. on 60-ft. tower;
 - 25,000 gal. on 70-ft. tower;
 - 30,000 gal. on 50-ft. tower;
 - 30,000 gal. on 60-ft. tower;
 - 30,000 gal. on 70-ft. tower.

Concrete Foundations

Quantities variable probably from 16 to 25 cubic yards, with reinforcement in same.

Cast Iron Pipe

- 7500 lin. ft. of 4-inch CIP bell and spigot, open or precaulked;
- 1500 lin. ft. of 6-inch CIP bell and spigot, open or precaulked;
- District reserves right to increase or decrease slightly these quantities prior to placing of order, if found necessary or advisable.

Cast Iron Fittings

- 4-6x6x6-in. all-bell tees;
- 11-6x6x4-in. all bell tees;
- 33-4x4x4-in. all bell tees;
- 1-4x4x6-in. all bell bullhead tee;
- 1-6x6x4x4-in. all bell crosses;
- 9-4x4x4x4-in. all bell crosses;
- 1-4-in. 45-deg. all bell ell;
- 1-4x4x4-in. all bell wye;
- 2-6-in. plugs threaded to 4-in.;
- 1-6-in. plug threaded to 2 1/2-in.;
- 18-4-in. plug plain;
- 1-4-in. plug threaded to 3-in.;
- 1-4-in. plug threaded to 2 1/2-in.;
- 10-4-in. plug threaded to 2-in.;
- 1-6-in. flange and spigot, with cover plate and bolts.

Gate Valves

- 22-4-inch inlet, double hub, double disc valves;
- 9-6-inch inlet, double hub, double disc valves.

Hydrants

- 23-4-in. inlet, single hose opening;
- 3-4-in. inlet, double hose opening.

Service Cocks—House

- 110-3/4-in. brass service cocks.

Remodeling Present Pump

- 1 Sterling pump to be overhauled to meet present contemplated increased head due to new tank and tower.

Galv. Iron Pipe and Fittings and Miscellaneous

- 3-2-inch galvanized ells;
- 2-4-inch galvanized ells;
- 1-2-inch galvanized tee;
- 4-2-inch black plugs;
- 3-3-inch black plugs;
- 1-2-inch inlet to 1 1/2-in. black bushing;
- 110-3/4-in. galvanized unions, packed
 - 1-1 1/2-in. do;
 - 6-2-in. do;
 - 1-3-in. do;
 - 2-4-in. do;
- 200 lin. ft. of 3/4-in. galv. iron pipe;
- 110-3/8x6-in. galvanized nipples;
 - 1-1 1/2x6-in. do;
 - 4-2 x6-in. do;
 - 1-3 x6-in. do;
 - 1-4 x6-in. do.

The pipe laying contractor will have to lay all of the pipe, fittings; place all valves, hydrants, and house services, not only of the new ones listed above but any others that may be encountered. Attention is called to the fact that the pipe laying contractor is to furnish all jointing and material when open bell and spigot pipe is used.

Segregated bids will be received on each of the above items and though one bidder may figure on as many as he desires, his bids must be placed under the headings given above and in no case combined.

Plans and specifications obtainable from the above office at deposits listed above. 33

SANTA BARBARA CO.—Constr. Bridges—(State)

SANTA BARBARA CO., Calif.—C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at \$278,535.90, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.9 miles grading and paving with Portland cement concrete and constructing four reinforced concrete bridges between Gaviota Pass and Santa Ynez River, Santa Barbara County.

Work involves:

- (1) 154 sta. clear and grub;
- (2) 3,900 M. gals. water;
- (3) 175,000 c.y. rdwy. excav., unclass.
- (4) 425,000 sta. yds. overhaul;
- (5) 6,700 c.y. struc. excav.;
- (6) 1,200 c.y. ditch and channel excavation;
- (7) 22,000 c.y. imported borrow;
- (8) 4,200 c.y. existing concrete remove and dispose of;
- (9) 64 sta. scarifying and leveling existing road;
- (10) 36,400 sq. yds. preparing sub-grade;
- (11) 154 sta. finish rdwy.;
- (12) 125 tons asph. cement grade E roadbed seal;
- (13) 35 tons liquid asph. SC-2 prime coat.
- (14) 295 tons do road mix surface treatment;
- (15) 36,500 sq. yds. preparing, mixing and shaping shoulders, detours and road approaches;
- (16) 1,500 c.y. salvage detour surf.;
- (17) 7,160 c.y. Class A Portland cement conc. pave.;
- (18) 402,000 lbs. bar reinf. steel pave. and struc.;
- (19) 14,000 lbs. misc. steel;
- (20) 13,400 each pavement dowels;
- (21) 3,720 each pavement tie bolt assemblies;

- (22) 16 sections pavement crossing device, type A-11;
- (23) 2,415 c.y. Class A Portland cement conc. struc.;
- (24) 185 c.y. Class A Portland cement conc. footing blocks;
- (25) 37.25 c.y. Class A Portland cement conc. railing;
- (26) 446 l.f. 8-in. CMP;
- (27) 1,250 l.f. 18-in. CMP;
- (28) 560 l.f. 24-in. CMP;
- (29) 358 l.f. 36-in. CMP;
- (30) 118 l.f. 48-in. CMP, 10 gauge;
- (31) 496 l.f. existing CMP removed, cleaned and salvaged;
- (32) 152 l.f. replacing salvaged pipe;
- (33) 26 each spilling assemblies;
- (34) 1 each cast steel frame and cover for drop inlet;
- (35) 4,100 l.f. laminated guard railing
- (36) 800 l.f. removing and resetting existing guard railing;
- (37) 220 each guide posts;
- (38) 66 each culvert markers;
- (39) 6.5 miles new property fences;
- (40) 22 ch drive gates;
- (41) 1 existing bridge removed and disposed of;
- (42) 1 timber detour bridge;
- (43) 1 lot misc. bridge items;
- (44) 90 each monuments.

Total bids follow:

- (A) C. O. Sparks & Mundo Engrg. Co., Los Angeles—\$278,535.90.
- (B) Claude Fisher Co., L. A.—\$280,633.50.
- (C) J. E. Haddock, Ltd., Pasadena—\$285,923.00.
- (D) Griffith Co., Los Angeles—\$291,028.40.
- (E) Frederickson and Westbrook, Lower Lake—\$293,425.65.
- (F) Macco Constr. Co., Clearwater—\$299,709.50.
- (G) United Concrete Pipe Corp., Los Angeles—\$308,684.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 65.00	\$ 30.00	\$ 20.00	\$ 26.00	\$ 40.00	\$ 45.00	\$ 15.00
(2).....	1.25	.50	1.50	1.00	.75	1.50	.70
(3).....	.21	.32	.34	.31	.26	.35	.32
(4).....	.006	.005	.005	.005	.008	.005	.005
(5).....	1.75	1.50	1.60	1.45	1.20	2.00	2.00
(6).....	.60	1.00	.90	.56	1.20	.50	.30
(7).....	.80	4.45	4.48	4.48	.60	.40	.57
(8).....	1.60	1.30	1.60	1.35	1.00	.90	.80
(9).....	10.00	10.00	3.00	6.80	4.00	7.00	10.00
(10).....	.10	.10	.08	.10	.10	.07	.10
(11).....	5.00	5.00	5.00	5.00	8.00	10.00	10.00
(12).....	16.00	16.00	13.75	17.00	20.00	20.00	16.50
(13).....	12.00	9.00	9.50	10.00	11.00	10.00	12.00
(14).....	10.00	9.00	7.10	10.45	10.50	9.00	12.00
(15).....	.08	.06	.09	.06	.06	.07	.07
(16).....	1.00	1.00	.37	47	.60	.60	1.10
(17).....	9.25	8.50	9.90	9.90	11.50	9.50	10.48
(18).....	.054	.052	.05	.055	.06	.05	.05
(19).....	.15	.19	.15	.15	.16	.18	.14
(20).....	.13	.13	.13	.125	.18	.13	.11
(21).....	.75	.45	.50	.61	.50	.60	.50
(22).....	50.00	50.00	45.00	43.00	50.00	30.00	70.00
(23).....	22.00	25.50	21.80	23.00	23.00	25.00	28.50
(24).....	16.00	12.00	14.00	20.00	23.00	25.00	20.00
(25).....	70.00	50.00	55.00	90.00	75.00	60.00	60.00
(26).....	.90	1.00	.95	1.00	1.00	1.00	1.30
(27).....	2.20	1.75	1.60	2.00	1.80	1.75	2.10
(28).....	3.00	2.50	2.55	2.90	2.75	2.75	3.10
(29).....	5.50	4.75	4.95	5.30	5.50	5.00	5.50
(30).....	9.00	7.75	8.05	9.10	9.30	9.00	7.70
(31).....	1.00	1.00	.50	.85	1.25	1.00	1.50
(32).....	1.00	.50	.40	.60	1.25	.50	1.50
(33).....	15.00	15.00	14.50	17.00	17.00	13.00	15.00
(34).....	50.00	50.00	50.00	51.00	50.00	50.00	50.00
(35).....	1.00	1.00	.95	1.00	1.20	1.00	1.00
(36).....	1.00	.90	.50	.60	.75	.50	.70
(37).....	3.00	2.50	1.85	2.65	2.50	2.50	2.00
(38).....	3.00	3.00	2.50	3.00	2.50	3.00	3.00
(39).....	500.00	550.00	550.00	620.00	650.00	500.00	500.00
(40).....	25.00	25.00	20.00	21.00	20.00	18.00	15.00
(41).....	1600.00	2000.00	1275.00	3000	600.00	1500.00	1000.00
(42).....	1200.00	1250.00	1000.00	1200.00	1000.00	1500.00	2500.00
(43).....	1500.00	1000.00	1000.00	1300.00	1200.00	1000.00	1200.00
(44).....	3.00	3.00	3.00	3.00	3.00	3.00	3.00

34— PARKS AND PLAY-GROUNDS

BIDS REJECTED

YERBA BUENA SHOALS.—The San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco, rejected all bids received April 11 for transporting trees to Yerba Buena Shoals; Contract No. 159.

(9410) 1st report Mar. 25, 1938. * 34

35— TUNNELS

BIDS WANTED

SAN FRANCISCO.—Until April 27, 1:45 p.m., informal bids will be received by the Dept. of Public Works, Wm. H. Worden, Director, Room 251, City Hall, for gunite repairs to the Taraval Street underpass at Great Highway. Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 48 11th Street. * 35

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER dwelling, \$200; 1845 9th Ave. owner, R. Thallwitz, premises; contractor, G. J. Elkington, Jr., 33 Suro Heights.

SIGN, electric, \$50; 1813 San Jose; owner, Silver Pheasant, prem.; contractor, Apex Elec. Co., 363 Fell St.

ALTER offices, \$125; 351 California; owner, Balfour Bldg., Inc., 351 California St.

ALTER dwelling, \$450; 2329 Green; owner, P. Morando, prem.; contractor, D. Cappelletti, 667 Hampshire St.

ALTER factory, \$400; Fitzgerald bet. Jennings and Keith; owner, Enjoy Packing Corp., 48 Broadway; contractor, Miller Const. Co., 3917 Mission St.

ALTER dwelling, \$500; 406 London; owner, W. G. Reno, premises; contractor, Richmond Roofing & Const. Co., 3911 Geary.

FLUE, \$18; 739 Cole St.; owner, N. Sklaroff, prem.; contractor, Portal Sheet Metal Supply Co., 301 West Portal Ave.

SIGN, electric, \$50; 142 Mason St.; owner, Jack's Hand Laundry, 142 Mason St.; contractor, Apex Elec. Co., 363 Fell St.

ALTER stores, \$50; 220 West Portal; owner, Floyd's, premises; contractor, United States Const. Co., 4426 California St.

FLUE, \$30; 3698 17th St.; owner, H. D. Junck, premises.

ALTER store, \$400; 1112 Market St.; owner, Andrews and Venigelos, premises; contractor, Lambertson Sales Co., 942 Mission.

ALTER apts., \$900; 795 Geary St.; owner, Jos. Cohen, 3055 Pacific.

SHED, 1-story frame, \$850; 625 Bayshore; owner, Vassallo & Co., 261 Bayshore.

FLUE, \$45; 1565 Folsom St.; owner, Mr. Hume, premises; contractor, Guarantee Metal Works, 4012 Geary.

BILLBOARD, \$7; SE Market and 15th Sts.; owner and contractor, Poster & Kleiser Co., 1675 Eddy.

ALTER dwelling, \$430; 4304 23rd St.; owner, Lena Wiegler, premises; contractor N. Hallstrom, 34 Fountain.

ALTER dwelling, \$300; 1266 18th Ave.; owner, Voila M. Murray, premises; contractor, Richmond Roofing & Const. Co., 3911 Geary.

ALTER apts., \$300; 940 Leavenworth St.; owner, Mrs. Berlinheimer, 874 12th Ave.

MENDOCINO CO.—IMPROVE HIGHWAY—(State)

MENDOCINO CO., Cal.—Poulos & McEwen, Sacramento, at \$82,550.00, submitted low bid to the State Div. of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.5 mi. grading and surfacing with untreated crushed gravel or stone surfacing between one-half mile north of McCoy Creek and Piercy, Mendocino County, Calif.

Work involves:

- (1) 15 acres clear and grubb;
- (2) 2000 M. gals. water;
- (3) 122,000 c.y. roadway excavation, without classification;
- (4) 1,270,000 sta. yds. overhaul;
- (5) 3,300 c.y. struc. excav.;
- (6) 450 c.y. ditch and channel excavation;
- (7) 1,200 c.y. trench excav.;
- (8) 15,300 c.y. import borrow;
- (9) 82 sta. finishing roadway;
- (10) 3,200 c.y. untreated crushed gravel or stone surf.;
- (11) 46 tons liq. asph., SC-1A (prime coat);
- (12) 30 tons liq. asph., 90-95 (seal coat);
- (13) 255 c.y. screenings (seal coat);
- (14) 35 c.y. class A portland cement conc. strucs.;
- (15) 1,300 lbs. bar reinf. steel;
- (16) 15 MFBM Redwood timber, dense, select, all-heart, struc. grade;
- (17) 13 MFBM Redwood timber, select, all-heart, struc. grade;

- (18) 650 lf. 8-in. CMP;
- (19) 180 lf. 12-in. CMP;
- (20) 1,010 lf. 18-in. CMP;
- (21) 260 lf. 24-in. CMP;
- (22) 200 lf. 30-in. CMP, 12-gauge;
- (23) 164 lf. 36-in. CMP;
- (24) 264 lf. 42-in. CMP, 8-gauge;
- (25) 281 lf. 48-in. CMP, 8-gauge;
- (26) 2,970 lf. 8-in. perf. metal pipe underdrains;
- (27) 630 c.y. rock filling material;
- (28) 2,300 c.y. river run gravel;
- (29) 340 lf. exist. pipe culverts, remove, clean and salvage;
- (30) 6 each, frames and gratings for drop inlets;
- (31) 16 each, spillway assemblies;
- (32) 70 each, culvert markers;
- (33) 35 each, guide posts;
- (34) 2.65 mi. new property fence;
- (35) 80 each, monuments.

Total bids follow:
(A) Poulos & McEwen, Sacramento —\$82,550.

(B) C. W. Colletti & Co., San Rafael—\$89,788.

(C) Charles L. Harney, San Francisco—\$90,199.41.

(D) Young & Son Co., Ltd., Berkeley —\$91,415.4.

(E) N. M. Ball & Sons, Berkeley—\$94,338.50.

(F) Hemstreet & Bell, Marysville—\$97,255.10.

(G) Frederickson & Westbrook, Lower Lake—\$98,817.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$225.00	\$300.00	\$275.00	\$250.00	\$300.00	\$150.00	\$300.00
(2).....	1.00	.50	1.30	1.25	1.00	1.50	1.50
(3).....	.26	.26	.25	.26	.29	.305	.28
(4).....	.002	.002	.0025	.003	.004	.005	.006
(5).....	1.50	1.10	1.50	1.30	1.60	1.50	1.50
(6).....	1.00	.75	.80	1.00	1.20	1.00	1.50
(7).....	2.25	1.20	1.75	.40	1.00	1.00	.50
(8).....	.60	.75	.60	.79	.64	.70	.50
(9).....	3.00	6.00	3.00	5.00	5.00	5.00	9.00
(10).....	1.25	1.40	1.25	1.77	1.00	1.50	1.60
(11).....	15.50	22.00	28.50	22.00	20.00	25.00	19.00
(12).....	25.50	25.00	32.00	22.00	30.00	30.00	24.00
(13).....	2.00	3.00	2.00	5.00	4.00	4.50	4.50
(14).....	25.00	25.00	25.00	35.00	40.00	35.00	55.00
(15).....	.06	.08	.06	.08	.10	.08	.07
(16).....	100.00	90.00	108.00	100.00	100.00	110.00	125.00
(17).....	90.00	90.00	97.50	100.00	100.00	95.00	130.00
(18).....	.90	1.10	.95	1.15	1.10	1.05	1.20
(19).....	1.30	1.50	1.15	1.40	1.25	1.40	1.40
(20).....	1.60	2.25	1.70	1.95	2.00	1.80	2.00
(21).....	2.60	3.00	2.60	2.77	3.00	3.00	3.00
(22).....	4.00	5.25	4.25	4.25	4.60	4.50	4.50
(23).....	5.00	6.50	5.50	5.15	5.60	5.20	5.00
(24).....	8.10	10.00	7.85	8.66	9.40	8.20	10.00
(25).....	10.10	12.00	10.70	10.50	13.00	11.00	11.00
(26).....	.90	1.10	1.10	1.20	1.20	1.00	1.20
(27).....	1.50	1.75	1.45	2.95	2.00	2.25	2.00
(28).....	.45	1.65	.95	.60	.90	.75	1.25
(29).....	1.00	1.00	.35	.60	.50	.75	1.00
(30).....	60.00	50.00	50.00	50.00	60.00	60.00	50.00
(31).....	15.00	15.00	15.00	15.00	15.00	15.00	17.00
(32).....	2.00	2.50	6.00	2.50	3.00	2.50	3.00
(33).....	2.00	2.50	6.00	2.50	2.50	2.50	3.00
(34).....	550.00	600.00	635.40	700.00	650.00	750.00	800.00
(35).....	2.00	3.00	3.50	3.00	3.00	3.00	3.00

SANTA CLARA CO.—GRADE & SURF.—(State)

SANTA CLARA COUNTY, Cal.—Jones and King, Jackson St., Hayward, at \$282,703.05, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.9 mi. grading and paving with asphalt concrete and constructing a reinforced concrete bridge between Coyote and Llagas Creek, Santa Clara Co., Cal.

Work involves:

- (1) 700 each, remove and dispose of

- trees;
- (2) 2,300 M. gals. water;
- (3) 1,450 c.y. remove conc. pave. and strucs.;
- (4) 1 lot, remove Llagas Creek bridge;
- (5) 28,170 c.y. roadway excav., without class.;
- (6) 6,500 c.y. ditch and channel excavation;
- (7) 4,350 c.y. struc. excav.;
- (8) 79,400 c.y. import. borrow;
- (9) 650,000 sta. yds. overhaul;
- (10) 574 sta. finish roadway;

- (11) 93,500 sq. yds. preparing sub-grade;
- (12) 11,200 sq. yds. preparing, mixing and shaping roadbed;
- (13) 28,500 sq. yds. scarifying and shaping existing surface;
- (14) 12 tons liq. asph., SC-2 (prime coat);
- (15) 325 tons liq. asph., ROMC-3 or ROMC-4 road-mix (surf. treatment);
- (16) 288 tons liq. asph., SC-1A (penetration treatment);
- (17) 192 tons liq. asph., 90-95 (penetration treatment);
- (18) 1,820 tons screenings (penetration treatment);
- (19) 105,450 sq. yds. asph. paint binder;
- (20) 2,610 tons asph. cement, Grade D asphalt conc.;
- (21) 47,400 tons mineral aggregate asphalt conc.;
- (22) 181,400 lbs. bar reinf. steel;
- (23) 1,090 c.y. Class A portland cement conc. strucs.;
- (24) 19.5 c.y. Class A portland cement concrete railing;
- (25) 70 c.y. Class C portland cement concrete strucs.;
- (26) 430 c.y. Class B portland cement concrete curbs and sidewalks;
- (27) 6.4 MFMB Douglas fir timber;
- (28) 6.6 MFMB Redwood timber, select, all-heart struc. grade;
- (29) 120 c.y. dry rubble;
- (30) 450 c.y. light riprap;
- (31) 270 lf. 18-in. std. reinf. conc. pipe;
- (32) 124 lf. 12-in. CMP;
- (33) 76 lf. 15-in. CMP;
- (34) 1,150 lf. 18-in. CMP;

- (35) 210 lf. 18-in. CMP siphons;
 - (36) 360 lf. 24-in. CMP;
 - (37) 40 lf. 36-in. CMP;
 - (38) 250 lf. 30 x 5-in. part circle culvert, 12 gauge;
 - (39) 150 lf. 30 x 5-in. part circle culvert, 8 gauge;
 - (40) 220 lf. remove and relay existing culvert pipe;
 - (41) 1,260 lf. remove and salvage existing culvert pipe;
 - (42) 316 lf. laminated guard railing;
 - (43) 24 each, culvert markers;
 - (44) 35 each, guide posts;
 - (45) 1.7 mi. new property fence;
 - (46) 5 each, 14-ft. drive gates;
 - (47) 6 each, 16-ft. drive gates;
 - (48) 1,200 lf. 4-in. vit. clay pipe;
 - (49) 800 lf. 6-in. vit. clay pipe;
 - (50) 15 each, special catch basins;
 - (51) 20 each, manholes adjusted to grade;
 - (52) 10 each, moving and resetting electroliners;
 - (53) 8 each, handhole frames and covers for monuments;
 - (54) 65 each, monuments;
 - (55) 1 lot misc. bridge items of work.
- Total bids follow:
- (A) Jones & King, Hayward, \$282,703.05;
 - (B) Hanrahan Co., San Francisco, \$309,962.20.
 - (C) Union Paving Co., San Francisco, \$332,599.00.
 - (D) Griffith Co., Los Angeles, \$354,535.10.
 - (E) A. J. Raisch, San Jose, \$359,245.08.
 - (F) Chas. L. Harney, San Francisco, \$387,377.55.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 2.00	\$ 2.00	\$ 1.25	\$ 9.00	\$ 2.00	\$ 10.00
(2)	1.25	1.10	1.50	.85	2.00	1.50
(3)	2.75	2.00	2.00	2.80	3.50	2.80
(4)	2500.00	2850.00	2000.00	5500.00	4200.00	3500.00
(5)	.25	.25	.35	.40	.60	.25
(6)	.30	.30	.70	.75	.80	.80
(7)	1.00	1.60	1.30	1.20	1.70	1.85
(8)	.38	.45	.50	.72	.58	.84
(9)	.003	.01	.005	.003	.0025	.005
(10)	10.00	8.00	8.00	3.25	7.50	8.00
(11)	.06	.06	.08	.10	.10	.06
(12)	.06	.07	.08	.06	.10	.08
(13)	.04	.07	.06	.08	.12	.11
(14)	17.00	15.00	17.00	15.00	13.50	20.00
(15)	16.50	20.00	18.00	18.00	12.50	20.00
(16)	13.00	13.00	12.00	20.00	10.50	14.00
(17)	18.00	18.00	17.00	15.00	12.34	15.50
(18)	2.00	2.50	2.00	2.40	2.50	2.00
(19)	.015	.012	.01	.015	.015	.015
(20)	13.40	15.00	15.00	13.50	16.00	14.00
(21)	2.20	2.35	2.60	2.60	2.90	3.18
(22)	.055	.055	.055	.052	.0525	.06
(23)	20.00	20.00	26.00	22.00	21.35	17.00
(24)	60.00	40.00	60.00	85.00	60.00	46.00
(25)	13.00	18.00	20.00	20.00	16.00	22.00
(26)	13.00	17.50	13.00	14.50	14.50	14.60
(27)	70.00	65.00	70.00	75.00	70.00	60.00
(28)	100.00	110.00	125.00	120.00	110.00	100.00
(29)	4.00	7.00	10.00	12.00	4.00	9.50
(30)	4.00	3.00	4.00	3.50	3.50	9.50
(31)	1.70	2.25	2.00	3.00	1.90	2.00
(32)	1.00	1.30	1.50	1.50	1.25	1.20
(33)	1.30	1.60	1.75	1.70	1.70	1.40
(34)	1.45	2.10	2.00	2.00	1.80	1.70
(35)	2.50	3.25	3.50	3.15	3.50	2.50
(36)	2.50	3.00	3.00	3.10	2.75	2.90
(37)	4.25	6.00	6.00	6.00	5.40	5.00
(38)	1.60	2.50	3.00	2.50	2.25	1.75
(39)	1.80	2.75	3.25	3.00	2.65	2.25
(40)	.70	1.00	.50	1.50	.70	.60
(41)	.50	.75	.50	1.20	.50	.60
(42)	1.50	1.00	1.00	1.35	1.10	1.10
(43)	2.50	2.50	2.00	2.00	2.50	2.50
(44)	2.50	2.50	2.00	2.75	2.25	2.50
(45)	500.00	700.00	600.00	750.00	700.00	850.00
(46)	18.00	20.00	20.00	20.00	18.00	20.00
(47)	20.00	23.00	25.00	25.00	20.00	25.00
(48)	.40	.45	.50	.45	.30	.40
(49)	.50	.70	.60	.55	.42	.60
(50)	190.00	125.00	125.00	110.00	105.00	100.00
(51)	15.00	20.00	15.00	10.00	10.00	10.00
(52)	90.00	30.00	175.00	100.00	40.00	100.00
(53)	20.00	30.00	20.00	7.00	22.50	20.00
(54)	3.00	2.50	2.50	3.00	3.00	3.00
(55)	400.00	100.00	150.00	250.00	500.00	300.00

SAN FRANCISCO CO. PERMITS UNDER \$1000

- FLUE, \$25; 4660 Geary; owner, G. & D. Cafe, premises; contractor, Wm. P. Goss Sheet Metal Works, 4640 Geary.
- ALTER apts., \$50; 1529-31 Steiner; owner, R. E. Talbot, Santa Rosa
- ALTER garage, \$50; SW Campbell 125 SE Rutland; owner, P. & C. Valveff, 477 Campbell.
- SIGN, electric, \$50; 365 Embarcadero owner, Half Moon Rest, prem.; contractor, Apex Elec. Co., 363 Fell St.
- ALTER apts., \$500; 280 Green St.; owner, N. Peri, premises; contractor, R. Foliatti, 200 Cervantes Blvd.
- ALTER stand, \$100; 916-A Market; owner, S. Kessler, premises; contractor, Mangum, Holbrook and Elkus, 301 Golden Gate Ave.
- ALTER apts., \$205; 1438 McAllister; owner, Rose, premises.
- SET BACK CURB, \$400; 556 Golden Gate Ave.; owner, Florence A. Hinds, premises.
- SIGN, electric, \$175; 1101 Stockton; owner, Acme Bakery, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER restaurant, \$400; 250 Hyde; owner, Nick Peckis, premises; contractor, Mangum, Holbrook and Elkus, 301 Golden Gate Ave.
- ALTER dwelling, \$900; 372 24th Ave. owner, P. Tomas, premises; contractor, V. Filippis, 269 24th Ave.
- SIGN, cloth, \$50; 714 Market Street; owner, R. L. Haight, premises; contractor, Swan the Painter, 1117 Howard St.
- ALTER store, \$75; 10 Fremont St.; owner, S. J. Brenner, prem.; contractor, Royal Show Case Co., 777 McAllister.
- SIGN, electric, \$150; 2300 3rd Street; owner, Liberty Bell Drug Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER flats, \$500; 341 Corbett Ave.; owner, Robt. Duncan, 1735 26th Avenue.
- ALTER school, \$700; 2010 Pacific; owner, Est. of Pauline Schoenberg, Wells Fargo Bank.
- ALTER dwelling, \$100; 1677 23rd Avenue; owner, Wm. J. Young, 1677 23rd Ave.
- SIGN, electric, \$40; 704 Kearny St.; owner, The Green Lantern, 704 Kearny; contractor, QRS Neon Corp., Ltd., 690 Potrero.
- ALTER dwelling, \$600; 151 Liberty owner, R. A. Smith, premises; contractor, L. H. Stevenson, 130 Merced.
- SIGN, electric, \$200; 135 4th Street; owner, Minna Club, prem.; contractor, Western Neon Lite Co., 75 Fremont St.
- ALTER billboard, \$50; S Market 100 W 12th St.; owner, Jas. F. Walters, 1355 Van Ness; contractor, Ed. J. Lynch Elec. Co., 2050 Sutter St.
- FLUE, \$50; 1627 Buchanan; owner, C. Nakagawa, 1505 Laguna St.; contractor, J. R. Shields, 1028 Post St.
- ALTER dwelling, \$275; 799 Clayton; owner, Morris Marcus, premises; contractor, Jack Callaghan, 900 Clayton St.
- SIGN, electric, \$100; 90 9th St.; owner, Cut Rate Liquors, premises; contractor, Apex Elec. Co., 363 Fell St.
- SIGN, electric, \$225; 530 Taylor St.; owner, Post-Taylor Garage Co., premises; contractor, Electrical Prod. Corp., 910 Harrison St.
- BILLBOARD, \$150; 1201 Market St.; owner, Foster & Kleiser Co., 1675 Eddy St.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SAN FRANCISCO.—Until April 27, 11 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-316, for furnishing steel conduit, rubber-insulated wire, armored cable, outlet box covers, cable and conduit fittings and roofing nails; f.o.b. Fort Mason, Cal.

FORT MASON, Cal.—Until April 27, 10:00 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-315, for furnishing 57,900 lbs. sodium thiosulfate for shipment to various districts; f.o.b. shipping point and/or destination.

SAN FRANCISCO.—Until April 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, San Francisco, under Bid No. 928-38-322-misc (CCC) for furnishing:

- 1560 lbs. twine (part seine cotton, part jute, part binder Sisal);
- 9125 lbs. trisodium phosphate.

Specifications obtainable at above office.

FORT MASON.—Until May 3, 11 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-323, for furnishing jute burlap; slack pine barrels; excelsior; and packing boxes; and misc. softwood lumber; f.o.b. Fort Mason.

FORT MASON, Calif.—Until May 2, 10:30 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-326, for misc. Douglas fir softwood lumber and Ponderosa pine; f.o.b. Fort Mason.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until April 29, 3 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 1105-38-243, for furnishing 300 graph sheets and 24 rolls of cross section paper; f.o.b. Sacramento.

Specifications obtainable from the above office.

DEPT. OF THE INTERIOR

DENVER, Colo.—Until May 4, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, for furnishing one ditch-cleaning and excavation machine of crawler-traction and endless-chain, bucket-digging-unit type, to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Belle Fourche project, South Dakota.

Specifications obtainable at above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

April 28, 10:00 A. M.

BID NO. 5299—Main switch and cabinet board, approx. 6 ft. long, 4 ft. wide, 10 in. deep, containing one 400-amp, 4-pole, solid neutral main switch 250 v. and two 200-amp, 4-pole, solid neutral sub switches, 250 v.; f.o.b. Antioch.

BID NO. 5298—29,000 gals. asphaltic emulsion, penetrating type; f.o.b. San Francisco.

BID NO. 5297—Crushed rock, screenings and sand; f.o.b. San Francisco.

BID NO. 5296—400 sacks Portland cement; f.o.b. Fresno.

BID NO. 5295—50 crowbars, 4 wedges and 100 axes; f.o.b. Fresno.

BID NO. 5294—Steel I-beams, 24 in. by 9 in., weight 74 lbs. per foot (16 pieces 21 ft. 8 in. long); f.o.b. Watsonville Junction.

BID NO. 5293—Chain link fence for two tennis courts; f.o.b. San Francisco.

April 29, 10:00 A. M.

BID NO. 5308—Misc. Douglas fir lumber; f.o.b. Stockton.

BID NO. 5307—Misc. Douglas fir lumber; f.o.b. San Francisco.

BID NO. 5306—56 cwt. chloride of lime, etc.; f.o.b. San Francisco.

BID NO. 5305—Outside white paint, linseed oil and turpentine; f.o.b. Fifth Ave., Oakland.

BID NO. 5304—30 cu. yds. natural red stone blocks; f.o.b. Lombard and Keary Sts., San Francisco.

BID NO. 5303—Machine bolts, plate steel, and bonding strap; f.o.b. 1155 Page St., San Francisco.

BID NO. 5302—12,000 ft. rigid steel conduit; conduit caps, couplings and rods; f.o.b. 1155 Page St., San Francisco.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, as follows:

April 26, 10:00 A. M.

BID NO. 5288—Misc. Douglas fir; f.o.b. Rosedale.

BID NO. 5289—Misc. Redwood lumber; f.o.b. Oakland.

BID NO. 5290—Sand and gravel; f.o.b. Rosedale.

BID NO. 5291—Misc. Douglas fir; f.o.b. Fresno Co.

Specifications obtainable from the above office.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until May 2, 2 P. M., bids will be received by the Metropolitan Water Dist. of Southern California, Los Angeles, for 80,000 bbls. of portland cement, Spec. 278. Bids will be received fob bidder's plant and/or delivery at District's hatching plant at West Portal, San Jacinto. Certified or cashier's check, \$2000 must accompany bid.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until April 28, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5578, for purchase of new caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance; fob Redding.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until April 28, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5577, for furnishing new Chevrolet (or equal) replacement parts; f.o.b. Government Island.

Specifications obtainable from the above office.

CALIFORNIA STATE

SAN BERNARDINO.—Until April 25, 2 p. m., bids will be received by State Highway Dept., San Bernardino, for rental of track type Diesel or gas tractor with "Trackson" type sideboom pipe layer, together with tractor drivers.

Bids will be received on:
75-HP. TRACK TYPE TRACTOR

WITH BULLDOZER

- transportation to and from San Bernardino (flat price, round trip);
 - rental rate per hour for track type tractor, bulldozer and driver;
 - stand-by rate per hour for same.
- 46-H.P. FULL DIESEL TRACK TYPE TRACTOR WITH 74-IN. GAUGE SIDEBOOM PIPE LAYER:
- transportation to and from San Bernardino (flat price, round trip);
 - operating rental rate, per hour;
 - stand-by rate per hour.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 29, 3 p. m., bids will be received by T. A. Brooks, City Purchaser, Room 270, City Hall, San Francisco, under Bid No. 7102, for furnishing pipe, pipe fittings and drinking fountains for the term: May 1 to Nov. 1.

Specifications obtainable from the above office.

ALAMEDA COUNTY PERMITS UNDER \$1600

STOREROOM, \$300; 1630 Belvedere, Berkeley; owner and contractor, Mr. Peters, 1636 Belvedere.

ALTERATIONS, \$140; 671 Vincente, Berkeley; owner, J. H. Williams, Prem.; contractor, E. Trammal, 483 Crescent St.

ALTERATIONS, \$250; 1215 Allston Way, Berkeley; owner and contractor, Mrs. L. Matin, Prem.

RE-ROOF, \$229; 2228 McKimley St., Berkeley; owner, _____; contractor, Amer. Roofing Co., 383 40th St., Oakland.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Fuller Low on Federal
Building at Fair



State Advertises Paving, Bridge Projects



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., APRIL 30, 1938

No. 18

\$335,000 LOW PROPOSAL FOR FAIR PROJECT

Southern California Firm Is \$19,000 Under Second Low Bid of Clinton

George A. Fuller Co., 408 South Spring street, Los Angeles, yesterday submitted the lowest of seven bids to Commissioner Geo. Creel for construction of the U. S. Government's exhibit building at the 1939 Golden Gate International Exposition.

Amount of the Southern California firm's low proposal was \$335,000, which was \$19,000 under the second low bid.

Present at the bid opening, in addition to interested contractors, were Mr. Creel and Timothy L. Pflueger, consulting architect on the project, as well as representatives of the exposition company.

Total Bids

Complete total bids for the work were as follows:

Geo. A. Fuller Co.....	\$335,000
Clinton Const. Co. of Calif.....	354,000
MacDonald & Kahn Co.....	383,383
Guy F. Atkinson Co.....	385,403
Eaton & Smith.....	393,800
P. F. Reilly.....	394,980
Dinwiddie Const. Co.....	424,300

All bids were taken under advisement.

Kreisinger to Speak At Engineers' Meet

San Francisco section, American Society of Mechanical Engineers, will hold a "Power Symposium" at its dinner meeting May 5, it was announced this week.

Principal speaker at the meeting will be Dr. Henry Kreisinger, engineer in charge of research and development for the Combustion Engineering Corporation of New York. He will speak on "High Pressure Steam Generators for Central Stations and Their Influence on Modern Industrial Units."

The meeting will be held at the Engineers' Club in San Francisco. Dinner is to be served at 6:15 P.M.

BIDS ON LAUNDRY ADDITION MAY 24

SACRAMENTO, April 26. —Bids for construction of an addition to the laundry building at Stockton State Hospital were invited here today by State Architect George B. McDougall. Proposals will be opened in Sacramento May 24. Bids will be taken separately for general work, electrical work, and mechanical work.

The addition will be a one-story reinforced concrete structure. It will have hollow tile partitions, steel windows, and single tile and composition roofing.

15 MILLIONS ALLOTTED FOR S. F. HOUSING

Local Housing Authority Meets As Straus Announces Allotment

The \$15,000,000 which San Francisco had requested for its participation in the U. S. Housing Authority's slum-clearance and low-rent housing program, yesterday was definitely allotted in Washington.

Press advices from the national capital said Housing Administrator Nathan Strauss had announced earmarking of funds for the San Francisco program.

The local authority was to meet here late yesterday to discuss plans for projects in San Francisco. The meeting was to be held in the office of Chairman Walter Sullivan.

Other members of the San Francisco Authority are M. M. Giannini, Alexander Watchman and Miss Alice Griffith. A fifth member is to be named shortly by Mayor Angelo Rossi.

A model of the cyclotron, or atom smashing machine, will be shown in actual operation at the 1939 Golden Gate International Exposition.

STATE PAVING, SPAN PROJECTS OUT FOR BIDS

Division to Open Bids May 18 On Mendocino Bridge, Stanislaus Paving

SACRAMENTO, April 26.—Contracts covering work in two Northern California counties were authorized for advertising today by the State Highway Commission.

Bids on both projects will be opened at the State Division of Highways offices in Sacramento May 18, it was announced.

The contracts which went out for bids today call for construction of a bridge in Mendocino county and for grading and paving in Stanislaus county.

Bridges Creek Span

The Mendocino bridge will be located about 21 miles south of Garberville. It will carry the State highway across Bridges Creek.

The bridge will consist of one 38-foot steel beam span; four 19-foot, and one 15-foot timber spans, all on concrete footings and timber bents; and two 19-foot timber side-hill spans on concrete footings. The contract also includes grading and surfacing approaches.

The Stanislaus paving job involves grading and paving with Portland cement and asphalt concrete about five and eight-tenths miles between Modesto and Salida. The job involves construction of reinforced concrete bridges as well as road work.

SALES GAIN NOTED BY WESTINGHOUSE

Although bookings during the first quarter of 1938 were 49 per cent less than during the first quarter of 1937, March business showed an increase of nearly \$4,000,000 over February, it was reported at the recent annual meeting of stockholders of the Westinghouse Electric and Manufacturing Company.

Bookings (incoming orders) for the first three months of the year totaled \$37,998,569. During the same period of 1937 they were \$74,242,584. March 1938 bookings were \$15,126,588; February bookings were \$11,439,127.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1011	Ben	Coburn	4834
1012	Bengston	Early	1500
1013	Gregoire	Woodside	2000
1014	Isaacs	Cobby	1000
1015	Isis	Coburn	2500
1016	Lindsay	Owner	3500
1017	Mager	Mager	3000
1018	Plumlee	Owner	1000
1019	Youngman	Tomlin	3000
1020	Dunklie	Owner	1300
1021	Geide	Hall	1500
1022	Hadzes	Erickson	3000
1023-5	Hanson	Owner	3500
1026	Hanson	Owner	4250
1027	Parducci	Fracchia	15400
1028	Reilly	Stendel	4000
1029	Crocker	Pillon	1950
1030	Garrity	Folan	1800
1031	Lundy	Cabral	6000
1032	S F Stock	Exch Fisher	3000
1033	Title Ins.	Mattock	3000
1034	Anderson	Owner	4000
1035	Augenstein	Owner	4000
1036	Barber	Owner	2500
1037	Forrester	Comblum	3000
1038	Fratessa	Hinder	3000
1039	Lally	Owner	3500
1040	Meyer	Owner	4000
1041	Meyer	Owner	4000
1042	Morris	Owner	5000
1043	Morris	Owner	6000
1044	Peters	Beal	1000
1045	Bell	Hansen	6721
1046	Cusomano	Scarabasio	1000
1047	8th & Mkt.	Phoenix	1000
1048	Pietro	Owner	3500
1049	Pietro	Owner	3000
1050	Pietropaoli	McCabe	1500
1051	Tide Water	Owner	1500
1052	Abelseth	Marshal	5800
1053	Bleuchel	Hopper	1200
1054	Dugan	Owner	1000
1055-7	Evers	Owner	4000
1058	Fontana	Carraro	4950
1059	Frederick	Owner	1000
1060	Gilmore	Gettins	2500
1061	Gonzalez	Trollman	3500
1062	Hanna	Kelly	1000
1063	Post	Owner	2000
1064	Rogus	United	1375
1065	Schilling	Stockholm	4500
1066	Sobrato	Robinson	12000
1067	Stoneson	Owner	5500
1068	Wolter	Fetz	3000

ALTERATIONS
(1011) 1421-23 LAGUNA. Alter flats.
Owner—Wong Ben, c/o Contractor.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$4834

ALTERATIONS
(1012) 274 ROOSEVELT WAY. Alter dwelling.
Owner—Christine Bengston, 332 Warren Rd., San Mateo.
Contractor—Fred J. Early, Jr., 369 Pine St.
Architect—Not Given. \$1500

DWELLING
(1013) SW NORFOLK, 214 NW OF HARRISON. One-story frame dwelling.
Owner—H. Gregoire, 54 12th St.
Contractor—J. D. Woodside, 3460 Mission.
Architect—Not Given. \$2000

ALTERATIONS
(1014) 200 PAUL. Alter barber shop.
Owner—M. A. Isaacs Co., Prem.
Contractor—J. W. Cobby & Son, 260 Tehama.
Architect—Not Given. \$1000

ALTERATIONS
(1015) 980 MISSION. Alter loft bldg.
Owner—Isis Securities Co., c/o Contractor.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$2500

DWELLINGS (2)
(1016) E. 31ST AVE., 300 & 325 N MORAGA. Two 1-story frame dwellings.
Owner—Boyd C. Lindsay, 1176 Albany.
Architect—Not Given. \$3500 each

DWELLING
(1017) NE SHRADER, 30 N 17TH ST. One-story frame dwelling.
Owner—Jacob Mager, 1359 4th Ave.
Contractor—Mager Bros. & Son, 1359 4th Ave.
Architect—Not Given. \$3000

ALTERATIONS
(1018) 2183 MISSION. Alter store.
Owner—G. Plumlee, 157 Sutter St.
Architect—Not Given. \$1000

DWELLING
(1019) E. HOMESTEAD, 235 N OF 25th St. One-story frame dwelling.
Owner—Geo. Youngman, c/o Contractor.
Contractor—B. F. Tomlin, 418 Munich.
Architect—Not Given. \$3000

ALTERATIONS
(1020) 567 EDINBURGH. Alter dwelling.
Owner—Jennie Dunklie, Prem.
Architect—Not Given. \$1300

ALTERATIONS
(1021) 1151 WISCONSIN. Alter dwelling.
Owner—John Geide, Prem.
Contractor—Hugh Hall, 2288 3rd St.
Architect—Not Given. \$1500

DWELLING
(1022) W. WINFIELD, 125 N OF ESMERALDA AVE. One-story and basement frame dwelling.
Owner—J. Hadzes, c/o Contractor.
Contractor—Henry Erickson, 972 Chenery St.
Architect—Not Given. \$3000

DWELLING
(1023) N. SHAWNEE, 200 W OF DELANO. One-story and basement frame dwelling.
Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING
(1024) N. SHAWNEE, 150 W OF DELANO. One-story and basement frame dwelling.
Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING
(1025) N. SHAWNEE, 175 W OF DELANO. One-story and basement frame dwelling.
Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING
(1026) SW NIAGARA AND DELANO. One-story and basement frame dwelling.

Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley.

DWELLING
(1027) S. MARINA BLVD., 67 E OF FILLMORE ST. Two-story and basement frame dwelling.
Owner—Enrico Parducci, 488 Pine St.
Contractor—Fracchia & Truffelli, 1165 Clay St.
Architect—Resing & McGulness, 438 Pine St. \$15,400

DWELLING
(1028) W. 26TH AVE., 275 S LAWTON. One-story and basement frame dwelling.
Owner—W. Reilly, c/o Contractor.
Contractor—Elvin C. Stendel, 2143 Kirkham.
Architect—Albert H. Larsen, 333 Kearny St. \$4000

ALTERATIONS
(1029) SE EIGHTH AVE. and Irving St. Alter store and office.
Owner—Herbert Crocker, 71 Sutter.
Contractor—Andrew Pillon, 847 Duncan.
Architect—Martin Rist, Phelan Bldg. \$1,850

ALTERATIONS
(1030) 1223 YORK. Alter dwelling.
Owner—Daniel Garrity, premises.
Contractor—John Folan, 3858 25th St.
Architect—Not Given. \$1,800

DWELLING
(1031) W BUENA VISTA 385 NE Frederick St. One-story frame dwelling.
Owner—Thos. Lundy, 1417 Fulton St.
Contractor—M. N. Cabral, 19 Highland Ave., Burlingame.
Architect—M. D. Reynolds, 361 17th St., Oakland. \$6,000

ALTERATIONS
(1032) 155 SANSOME ST. Alter offices.
Owner—San Francisco Stock Exchange, premises.
Contractor—A. P. Fisher, 111 Sutter.
Engineer—A. P. Fisher, 111 Sutter Street. \$3,000

ALTERATIONS
(1033) 130 MONTGOMERY. Alter loft building.
Owner—Title Insurance & Guaranty Co., 130 Montgomery St.
Contractor—A. F. Mattock Co., 212 Clara St.
Architect—E. M. Sharpe, 111 Sutter Street. \$3,000

DWELLING
(1034) W. 30TH AVE., 350 N TARAVAL. One-story frame dwelling.
Owner—N. W. Anderson, 2427 24th Ave.
Architect—Not Given. \$4000

DWELLING
(1035) E. 4TH AVE., 375 N RIVERA. Two-story frame dwelling.
Owner—A. J. Augenstein, Jr., 210 Grand View.
Architect—Not Given. \$4000

DWELLING
(1036) S. WILDER, 80 W ARLINGTON. One-story frame dwelling.
Owner—H. Barber, 225 College.
Architect—Not Given. \$2500

DWELLING
(1037) S 21ST ST, 77 W CHURCH. One-story frame dwelling.

Owner—J. E. H. Forrester, 236 Niagara.
 Contractor—Edward Cornblum, 47th Ave. and Rivera.
 Architect—W. E. Huson, 475 24th Ave. \$3000

DWELLING
 (1038) S. WILDE, 90 W GIRARD. One-story frame dwelling.
 Owner—V. Fratessa, 240 Van Ness Ave. South.
 Contractor—G. Harder, 632 44th Ave. Architect—Not Given. \$3000

DWELLING
 (1039) E. SAN BRUNO, 325 N OF SILVER. One-story frame dwelling.
 Owner—Francis I. Lally, 842 Bayshore. Architect—Not Given. \$3500

DWELLING
 (1040) N. ENCLINE COURT, 107 W DEL VALE. One-story frame dwelling.
 Owner—Meyer Bros., 735 Portola. Architect—Not Given. \$1000

DWELLINGS (4)
 (1041) N. ENCLINE COURT, 132-159-182-207 W DEL VALE. Four one-story frame dwellings.
 Owner—Meyer Bros., 735 Portola. Architect—Not Given. \$4,000 ea.

DWELLINGS (2)
 (1042) E. 38TH AVE., 33-66 N ANZA. Two two-story frame dwellings.
 Owner—A. T. Morris & Sons, 5400 Fulton. Architect—Not Given. \$5000 ea.

(1043) NE 38TH AVE. AND ANZA. Two-story frame dwelling.
 Owner—A. T. Morris & Sons, 5400 Fulton. Architect—Not Given. \$6,000

ALTERATIONS
 (1044) 3201 MISSION. Alter store.
 Owner—H. J. Peters Co., Dallas, Tex. Contractor—Beal Store Equip. Co., 2745 16th St. Architect—Not Given. \$1000

DWELLING
 (1045) W. BRET HARTE TERR., 63 N FRANCISCO. Two-story frame dwelling.
 Owner—Edith Bell, Prem.
 Contractor—J. Cassidy and H. J. Hansen, 270 Greenfield, San Anselmo. Architect—Not Given. \$6731

ALTERATIONS
 (1046) 587 ARKANSAS. Alter flats.
 Owner—Mary Russo and J. Cusomano, Prem.
 Contractor—John Scarabasio, 740 Wisconsin. Architect—Not Given. \$1000

ALTERATIONS
 (1047) 1175 MARKET. Alter mkt. Premises.
 Owner—Eighth & Market Realty Co., Contractor—Phoenix-Simpton Co., 520 Sixth St. Architect—Not Given. \$1000

DWELLING
 (1048) NW CHENERY AND CAS-TRO. One-story frame dwelling.
 Owner—Chas. Pietro, 839 Brazil. Architect—Not Given. \$3500

DWELLING
 (1049) W. CASTRO, 30 N CHENERY. One-story frame dwelling.
 Owner—Chas. Pietro, 839 Brazil. Architect—Not Given. \$3000

ALTERATIONS
 (1050) 2390 LOMBARD. Alter apts.
 Owner—Zeona Pietropaoli, 162 Cervantes.

Contractor—D. C. McCabe, 430 Call Bldg. Architect—Not Given. \$1500

ALTERATIONS
 (1051) NE PINE AND VAN NESS. Alter garage.
 Owner—Tidewater Assoc. Oil Co., 79 New Montgomery. Architect—Not Given. \$1500

DWELLING
 (1052) E 11th AVE. 300 S Moraga. One-story frame dwelling.
 Owner—K. E. Abelseth, 1455 Funston Avenue. Contractor—F. S. Marshall, 909 Ash-hury Street. Architect—Not Given. \$5,800

ALTERATIONS
 (1053) 1745 FILLMORE ST. Alter theatre.
 Owner—H. Bleuchel, Hoppel Theatre. Contractor—Alf. J. Temple, 243 Lang-ton St. Architect—Not Given. \$1,200

ALTERATIONS
 (1054) 326-28 BAKER ST. Alter apts.
 Owner and Contractor—J. O. Dugan, 236 Paris. Architect—Not Given. \$1,000

DWELLING
 (1055) W 37th AVE. 125 S Santiago. One-story frame dwelling.
 Owner and Builder—Kenneth Evers, 55 San Rafael Way. Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLINGS
 (1056-7) W 18th AVE. 225-250 North Taraval St. Two 1-story frame dwellings.
 Owner and Builder—Kenneth Evers, 55 San Rafael Way. Architect—C. O. Clausen, 746 46th Avenue. \$4,000 each

DWELLING
 (1058) S OAKDALE 75 W Keith. One-story frame dwelling.
 Owner—Mr. Fontana, c/o Contractor. Contractor—G. Carraro & Sons, 750 Felton. Architect—Not Given. \$4,950

ALTERATIONS
 (1059) NW BROADWAY and Davis. Alter warehouse.
 Owner and Contractor—Ines Fred-rick, 375 Euclid Ave., Oakland. Engineer—Harold E. Hammill, 331 Bush Street. \$1,000

SERVICE STATION
 (1060) SW OCEAN and Alenamy. One-story steel service station.
 Owner—Gilmore Oil Co., Third and 18th Streets. Contractor—H. T. Gettins Co., 268 13th Street. Architect—Not Given. \$2,500

DWELLING
 (1061) SW CRESCENT and Ander-son. One-story frame dwelling.
 Owner—Felix Gonzalez, 700 Crescent. Contractor—John Trolman, 49 Lei-blg. Architect—Not Given. \$3,500

ALTERATIONS
 (1062) 1335 19th AVE. Alter dwell-ing.
 Owner—Mrs. Hanna, 1238 24th Ave. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$1,000

DWELLING
 (1063) NE THOMAS 250 SE Ingalls. One-story frame dwelling.
 Owner and Builder—G. L. Post, 1254 Thomas. Architect—Not Given. \$2,000

ALTERATIONS
 (1064) 276 NEVADA. Alter dwell-ing.
 Owner—P. A. Rogus, 276 Nevada. Contractor—United Roofing & Siding Co., 2911 Misonal Street. Architect—Not Given. \$1,375

ALTERATIONS
 (1065) 1055 CALIFORNIA ST. Alter apartments.
 Owner—Mrs. Rudolph Schilling, 1055 California Street. Contractor—Charles Stockholm, 425 Russ Building. Architect—Lewis P. Hobart, 525 Mar-ket Street. \$4,500

CAFE
 (1066) E OSGOOD Place 97 N Pacif-ific. One-story Class C cafe.
 Owner—J. Sobrato, 50 Osgood Place. Contractor—Robinson & Johnston, 180 Oak Street. Architect—Not Given. \$12,000

DWELLINGS
 (1067) E 19th AVE. 249, 295, 341 S Sloat Blvd. Three 1-story frame dwellings.
 Owner and Builder—Stoneson Bros., 1 Sloat Boulevard. Architect—Not Given. \$5,500 each

DWELLING
 (1068) S FAITH 70 W Holiday. One-story frame dwelling.
 Owner—Herman Wolter, 143 Alpha. Contractor—Philip Fetz, 460 Wilde. Architect—E. A. Neumarkel, c/o Con-tractor. \$3,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1005	Hejjas	Owner	3000
1006	Mork	Owner	2400
1007	Morse	Wright	5400
1008	Clucci	Owner	2600
1009	Ely	Womack	3500
1010	Fehr	Hasting	1000
1011	Golden State	Owner	1250
1012	Graham	Gaubert	3800
1013	Souza	Owner	4500
1014	Hamilton	Walker	4900
1015	Marshall	Owner	3000
1016	Oppenlander	Keppy	1375
1017	Rinkert	Owner	5900
1018	Atwood	Crocker	3500
1019	Capwell	Jensen	3000
1020	Casalina	Owner	3000
1021	Cochran	Thrums	1100
1022	Rogers	Jensen	3500
1023	Van Ness	Owner	4000
1024	R. C. Church	MacIntyre	15000
1025	Smith	Teigland	23500
1026	Thompson	Haulman	8000
1027	Gregoire	G. & M. Fix.	1000
1028	Griffith	Griffith	3500
1029	McPherson	Rlep	4500
1030	Oak City	Owner	154000
1031	Rhode	Owner	1500
1032	Brasch	Brasch	4000
1033	Nelson	Owner	4750
1034	Robertson	Netherby	4500
1035	Bever	Hill	4500
1036	Dahlke	Owner	2000
1037	Groom	Johnson	2950
1038	Mattos	Glines	4200
1039	Senoff	Nelson	1235
1040	Wisheropp	Wisheropp	4000
1041	Wright	Owner	27000
1042-3	MacGregor	MacGregor	3300
1044	Sherwood	Owner	4000
1045	Anderson	Owner	3400
1046	Conrad	Watson	3500
1047	Carrier	Waldman	4500
1048	Eike	Owner	1100
1049	Johanson	Owner	3000

ALTERATIONS
 (1005) 1706 BANCROFT WAY, BERKELEY. Alteration.
 Owner & Builder—A. Hejjas, 790 Cragmont. Architect—Not Given. \$3000

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1011	Ben	Coburn	4834
1012	Bengston	Early	1500
1013	Gregoire	Woodside	2000
1014	Isaacs	Cobby	1000
1015	Isis	Coburn	2500
1016	Lindsay	Owner	3500
1017	Mager	Mager	3000
1018	Plumlee	Owner	1000
1019	Youngman	Tomlin	3000
1020	Dunkle	Owner	3000
1021	Geide	Hall	1500
1022	Hadzes	Erickson	3000
1023-5	Hanson	Owner	3500
1026	Hanson	Owner	4250
1027	Parducci	Fracchia	15400
1028	Reilly	Stendel	4000
1029	Crocker	Pillon	1850
1030	Garrity	Folan	1900
1031	Lundy	Cabal	6000
1032	S F Stock Exch	Fisher	3000
1033	Title Ins.	Mattock	3000
1034	Anderson	Owner	4000
1035	Augenstein	Owner	4000
1036	Barber	Owner	2500
1037	Forrester	Cornblum	3000
1038	Frattesa	Harder	3000
1039	Lally	Owner	3500
1040	Meyer	Owner	4000
1041	Meyer	Owner	4000
1042	Morris	Owner	5000
1043	Morris	Owner	6000
1044	Peters	Beal	1000
1045	Bell	Hansen	6731
1046	Cusomano	Scarabasio	1000
1047	8th & Mkt.	Phoenix	1000
1048	Pietro	Owner	3500
1049	Pietro	Owner	3000
1050	Pietropaoli	McCabe	1500
1051	Tide Water	Owner	1500
1052	Abelseth	Marshall	5800
1053	Bleuchel	Hopper	1200
1054	Dugan	Owner	1000
1055-7	Evers	Owner	4000
1058	Fontana	Carraro	4950
1059	Frederick	Owner	1000
1060	Gilmore	Gettins	2500
1061	Gonzalez	Trollman	3500
1062	Hanna	Kelly	1000
1063	Post	Owner	2000
1064	Rogus	United	1375
1065	Schilling	Stockholm	4500
1066	Sobrato	Robinson	12000
1067	Stoneson	Owner	5500
1068	Wolter	Fetz	3000

ALTERATIONS

(1011) 1421-23 LAGUNA. Alter flats.
Owner—Wong Ben, c/o Contractor.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$4834

ALTERATIONS

(1012) 274 ROOSEVELT WAY. Alter dwelling.
Owner—Christine Bengston, 332 Warren Rd., San Mateo.
Contractor—Fred J. Early, Jr., 369 Pine St.
Architect—Not Given. \$1500

DWELLING

(1013) SW NORFOLK, 214 NW OF HARRISON. One-story frame dwelling.
Owner—H. Gregoire, 54 12th St.
Contractor—J. D. Woodside, 3460 Mission.
Architect—Not Given. \$2000

ALTERATIONS

(1014) 200 PAUL. Alter barber shop.
Owner—M. A. Isaacs Co., Prem.
Contractor—J. W. Cobby & Son, 260 Tehama.
Architect—Not Given. \$1000

ALTERATIONS

(1015) 950 Mission. Alter loft bldg. Owner—Isis Securities Co., c/o Contractor.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$2500

DWELLINGS (2)

(1016) E. 31ST AVE., 300 & 325 N MORAGA. Two 1-story frame dwellings.
Owner—Boyd C. Lindsay, 1176 Alemany.
Architect—Not Given. \$3500 each

DWELLING

(1017) NE SHRADER, 30 N 17TH ST. One-story frame dwelling.
Owner—Jacob Mager, 1359 4th Ave.
Contractor—Mager Bros. & Son, 1359 4th Ave.
Architect—Not Given. \$3000

ALTERATIONS

(1018) 2183 MISSION. Alter store.
Owner—G. Plumlee, 157 Sutter St.
Architect—Not Given. \$1000

DWELLING

(1019) E. HOMESTEAD, 235 N OF 25th St. One-story frame dwelling.
Owner—Geo. Youngman, c/o Contractor.
Contractor—B. F. Tomlin, 418 Munich.
Architect—Not Given. \$3000

ALTERATIONS

(1020) 567 EDINBURGH. Alter dwelling.
Owner—Jennie Dunkle, Prem.
Architect—Not Given. \$1300

ALTERATIONS

(1021) 1151 WISCONSIN. Alter dwelling.
Owner—John Geide, Prem.
Contractor—Hugh Hall, 2288 3rd St.
Architect—Not Given. \$1500

DWELLING

(1022) W. WINFIELD, 125 N OF ESMEALDA AVE. One-story and basement frame dwelling.
Owner—J. Hadzes, c/o Contractor.
Contractor—Henry Erickson, 972 Chenery St.
Architect—Not Given. \$3000

DWELLING

(1023) N. SHAWNEE, 200 W OF DELANO. One-story and basement frame dwelling.
Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING

(1024) N. SHAWNEE, 150 W OF DELANO. One-story and basement frame dwelling.
Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING

(1025) N. SHAWNEE, 175 W OF DELANO. One-story and basement frame dwelling.
Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING

(1026) SW NIAGARA AND DELANO. One-story and basement frame dwelling.

Owner—Hanson & Hanson, 2401 San Jose Ave.
Architect—L. J. Klein, Mill Valley.

DWELLING

(1027) S. MARINA BLVD., 67 E OF FILLMORE ST. Two-story and basement frame dwelling.
Owner—Enrico Parducci, 488 Pine St.
Contractor—Fracchia & Truffelli, 1165 Clay St.
Architect—Resing & McGuiness, 488 Pine St. \$15,400

DWELLING

(1028) W. 26TH AVE., 275 S LAWTON. One-story and basement frame dwelling.
Owner—W. Reilly, c/o Contractor.
Contractor—Elvin C. Stendel, 2143 Kirkham.
Architect—Albert H. Larsen, 333 Kearny St. \$4000

ALTERATIONS

(1029) SE EIGHTH AVE. and Irving St. Alter store and office.
Owner—Herbert Crocker, 71 Sutter.
Contractor—Andrew Pillon, 347 Duncan.
Architect—Martin Rist, Phelan Bldg. \$1,950

ALTERATIONS

(1030) 1223 YORK. Alter dwelling.
Owner—Daniel Garrity, premises.
Contractor—John Folan, 3858 25th St.
Architect—Not Given. \$1,800

DWELLING

(1031) W. BUENA VISTA 385 NE Frederick St. One-story frame dwelling.
Owner—Thos. Lundy, 1417 Fulton St.
Contractor—M. N. Cabral, 19 Highland Ave., Burlingame.
Architect—M. D. Reynolds, 361 17th St., Oakland. \$6,000

ALTERATIONS

(1032) 155 SANSOME ST. Alter offices.
Owner—San Francisco Stock Exchange, premises.
Contractor—A. P. Fisher, 111 Sutter.
Engineer—A. P. Fisher, 111 Sutter Street. \$3,000

ALTERATIONS

(1033) 130 MONTGOMERY. Alter loft building.
Owner—Title Insurance & Guaranty Co., 130 Montgomery St.
Contractor—A. F. Mattock Co., 212 Clara St.
Architect—E. M. Sharpe, 111 Sutter Street. \$3,000

DWELLING

(1034) W. 30TH AVE., 350 N TARAVAL. One-story frame dwelling.
Owner—N. W. Anderson, 2427 24th Ave.
Architect—Not Given. \$4000

DWELLING

(1035) E. 47TH AVE., 375 N RIVERA. Two-story frame dwelling.
Owner—A. J. Augenstein, Jr., 210 Grand View.
Architect—Not Given. \$4000

DWELLING

(1036) S. WILDER, 80 W ARLINGTON. One-story frame dwelling.
Owner—H. Barber, 225 College.
Architect—Not Given. \$2500

DWELLING

(1037) S. 21ST ST., 77 W CHURCH. One-story frame dwelling.

Owner—J. E. H. Forrester, 236 Niagara.
 Contractor—Edward Cornblum, 47th Ave. and Rivera.
 Architect—W. E. Huson, 475 24th Ave. \$3000

DWELLING
 (1035) S. WILDE, 90 W GIRARD. One-story frame dwelling.
 Owner—V. Fratessa, 240 Van Ness Ave. South.
 Contractor—G. Harder, 632 44th Ave. Architect—Not Given. \$3000

DWELLING
 (1039) E. SAN BRUNO, 325 N OF SILVER. One-story frame dwelling.
 Owner—Francis I. Lally, 842 Bayshore.
 Architect—Not Given. \$3500

DWELLING
 (1040) N. ENCLINE COURT, 107 W DEL VALE. One-story frame dwelling.
 Owner—Meyer Bros., 735 Portola. Architect—Not Given. \$4000

DWELLINGS (4)
 (1041) N. ENCLINE COURT, 132-159-182-207 W DEL VALE. Four one-story frame dwellings.
 Owner—Meyer Bros., 735 Portola. Architect—Not Given. \$4,000 ea.

DWELLINGS (2)
 (1042) E. 38TH AVE., 33-66 N ANZA. Two two-story frame dwellings.
 Owner—A. T. Morris & Sons, 5400 Fulton.
 Architect—Not Given. \$5000 ea.

(1043) NE 38TH AVE. AND ANZA. Two-story frame dwelling.
 Owner—A. T. Morris & Sons, 5400 Fulton.
 Architect—Not Given. \$6,000

ALTERATIONS
 (1044) 3201 MISSION. Alter store.
 Owner—H. J. Peters Co., Dallas, Tex. Contractor—Beal Store Equip. Co., 2745 16th St. Architect—Not Given. \$1000

DWELLING
 (1045) W. BRET HARTE TERR., 68 N FRANCISCO. Two-story frame dwelling.
 Owner—Edith Bell, Prem.
 Contractor—J. Cassidy and H. J. Hansen, 270 Greenfield, San Anselmo.
 Architect—Not Given. \$6731

ALTERATIONS
 (1046) 587 ARKANSAS. Alter flats.
 Owner—Mary Russo and J. Cusmano, Prem.
 Contractor—John Scarabasio, 740 Wisconsin.
 Architect—Not Given. \$1000

ALTERATIONS
 (1047) 1175 MARKET. Alter mkt. Premises.
 Owner—Eighth & Market Realty Co., Premises.
 Contractor—Phoenix-Simpton Co., 520 Sixth St. Architect—Not Given. \$1000

DWELLING
 (1048) NW CHENERY AND CASTRO. One-story frame dwelling.
 Owner—Chas. Pietro, 839 Brazil. Architect—Not Given. \$3500

DWELLING
 (1049) W. CASTRO, 30 N CHENERY. One-story frame dwelling.
 Owner—Chas. Pietro, 839 Brazil. Architect—Not Given. \$3000

ALTERATIONS
 (1050) 2390 LOMBARD. Alter apts.
 Owner—Zeona Pietropaoli, 162 Cervantes.

Contractor—D. C. McCabe, 430 Call Bldg.
 Architect—Not Given. \$1500

ALTERATIONS
 (1051) NE PINE AND VAN NESS. Alter garage.
 Owner—Midwater Assoc. Oil Co., 79 New Montgomery.
 Architect—Not Given. \$1500

DWELLING
 (1052) E 11th AVE. 300 S Moraga. One-story frame dwelling.
 Owner—K. B. Abelseth, 1455 Funston Avenue.
 Contractor—F. S. Marshall, 909 Ashbury Street.
 Architect—Not Given. \$5,800

ALTERATIONS
 (1053) 1745 FILLMORE ST. Alter theatre.
 Owner—H. Bleuchel, Temple Theatre. Contractor—Aif. J. Hopper, 243 Langton St. Architect—Not Given. \$1,200

ALTERATIONS
 (1054) 326-28 BAKER St. Alter apts.
 Owner and Contractor—J. O. Dugan, 236 Paris. Architect—Not Given. \$1,000

DWELLING
 (1055) W 37th AVE. 125 S Santiago. One-story frame dwelling.
 Owner and Builder—Kenneth Evers, 55 San Rafael Way.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLINGS
 (1056-7) W 18th AVE. 225-250 North Taraval St. Two 1-story frame dwellings.
 Owner and Builder—Kenneth Evers, 55 San Rafael Way.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000 each

DWELLING
 (1058) S OAKDALE 75 W Keith. One-story frame dwelling.
 Owner—Mr. Fontana, c/o Contractor. Contractor—G. Carraro & Sons, 750 Felton.
 Architect—Not Given. \$4,950

ALTERATIONS
 (1059) NW BROADWAY and Davis. Alter warehouse.
 Owner and Contractor—Ines Fredrick, 375 Euclid Ave., Oakland. Engineer—Harold B. Hammill, 331 Bush Street. \$1,000

SERVICE STATION
 (1060) SW OCEAN and Alemany. One-story steel service station.
 Owner—Gilmore Oil Co., Third and 18th Streets.
 Contractor—H. T. Gettins Co., 268 13th Street. Architect—Not Given. \$2,500

DWELLING
 (1061) SW CRESCENT and Anderson. One-story frame dwelling.
 Owner—Felix Gonzalez, 700 Crescent. Contractor—John Trollman, 49 Leibelg. Architect—Not Given. \$3,500

ALTERATIONS
 (1062) 1335 19th AVE. Alter dwelling.
 Owner—Mrs. Hanna, 1238 24th Ave. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$1,000

DWELLING
 (1063) NE THOMAS 250 SE Ingalls. One-story frame dwelling.
 Owner and Builder—G. L. Post, 1254 Thomas.
 Architect—Not Given. \$2,000

ALTERATIONS
 (1064) 276 NEVADA. Alter dwelling.
 Owner—P. A. Rogus, 276 Nevada. Contractor—United Roofing & Siding Co., 2911 Mission Street. Architect—Not Given. \$1,375

ALTERATIONS
 (1065) 1055 CALIFORNIA ST. Alter apartments.
 Owner—Mrs. Rudolph Schilling, 1055 California Street.
 Contractor—Charles Stockholm, 425 Russ Building.
 Architect—Lewis P. Hobart, 525 Market Street. \$4,500

CAFE
 (1066) E OSGOOD Place 97 N Pacific. One-story Class C cafe.
 Owner—J. Sobrato, 50 Osgood Place. Contractor—Robinson & Johnston, 180 Oak Street. Architect—Not Given. \$12,000

DWELLINGS
 (1067) E 19th AVE. 249, 295, 341 S Sloat Blvd. Three 1-story frame dwellings.
 Owner and Builder—Stoneson Bros., 1 Sloat Boulevard. Architect—Not Given. \$5,500 each

DWELLING
 (1068) S FAITH 70 W Holliday. One-story frame dwelling.
 Owner—Herman Wolter, 143 Alpha. Contractor—Philip Fetz, 460 Wilde. Architect—E. A. Neumarkel, c/o Contractor. \$3,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1005	Hejjas	Owner	3000
1006	Mork	Owner	2400
1007	Morse	Wright	5400
1008	Chucci	Owner	2600
1009	Ely	Womack	3500
1010	Fehr	Hasting	1000
1011	Golden State	Owner	1250
1012	Graham	Gaubert	8900
1013	Souza	Owner	4500
1014	Hamilton	Walker	4900
1015	Marshall	Owner	3000
1016	Oppenlander	Keppy	1375
1017	Rinkert	Owner	5900
1018	Atwood	Crocker	3500
1019	Capwell	Jensen	2000
1020	Casalina	Owner	3000
1021	Cocharan	Thrains	1100
1022	Rogers	Jensen	3500
1023	Van Ness	Owner	4900
1024	R. C. Church	MacIntyre	15000
1025	Smith	Teigland	23500
1026	Thompson	Haulman	8000
1027	Greigore	G. & M. Fix.	1000
1028	Griffith	Griffith	3500
1029	McPherson	Riep	4500
1030	Oak City	Owner	154000
1031	Rhode	Owner	1500
1032	Brasch	Brasch	4000
1033	Nelson	Owner	4750
1034	Robertson	Netherby	4500
1035	Bever	Hill	4500
1036	Dahlke	Owner	2000
1037	Groom	Johnson	2950
1038	Mattos	Giles	4200
1039	Senoff	Nelson	1250
1040	Wisheropp	Wisheropp	4000
1041	Wright	Owner	27000
1042-3	MacGregor	MacGregor	3300
1044	Sherwood	Owner	4000
1045	Anderson	Owner	3400
1046	Conrad	Watson	3500
1047	Carrier	Waldman	4500
1048	Elke	Owner	1100
1049	Johanson	Owner	3000

ALTERATIONS
 (1065) 1706 BANCROFT WAY, BERKELEY. Alterations.
 Owner & Builder—A. Hejjas, 790 Cragmont.
 Architect—Not Given. \$3000

- SHOP**
(1006) 1235 4TH ST., BERKELEY.
One-story sheet metal shop.
Owner & Builder—Bertel Mork, 1606 Tenth St.
Architect—P. A. Swafford, 126 Carmel Ave., El Cerrito. \$2400
- DWELLING**
(1007) 650 HILLDALE. One-story 5-room frame dwelling and garage.
Owner—N. O. Morse, 1501 Oxford.
Contractor—P. H. Wright, 1100 Oxford.
Architect—Not Given. \$5400
- DWELLING**
(1008) 1248 86TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Cesare Ciucci, 1260 86th Ave.
Architect—Not Given. \$2600
- DWELLING**
(1009) 3528 64TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Marcus Ely, 2211 Santa Rita St.
Contractor—Womack & Son, 3619 64th Ave.
Architect—Not Given. \$3500
- REPAIRS & ALTERATIONS**
(1010) 1811 33RD AVE., OAKLAND.
Repairs and alterations.
Owner—Harry H. Fehr, Prem.
Contractor—Geo. A. Hastings, 1963 89th Ave.
Architect—Not Given. \$1000
- ALTERATIONS**
(1011) 1101-07 26TH ST., OAKLAND.
Alterations.
Owner & Builder—Golden State Co., Ltd., 5307 Telegraph Ave.
Architect—Not Given. \$1250
- FLATS**
(1012) 2330-34 7TH AVE., OAKLAND.
Two-story 10-room flats.
Owner—F. Graham, 2217 7th Ave.
Contractor—Gaubert Bros., 4735 Brookdale Ave.
Architect—Irwin Johnson, 2217 7th Ave. \$8900
- DWELLING**
(1013) 6226 HARMON AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Al Souza, 1419 45th Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$4500
- DWELLING**
(1014) 1492 SUMMIT, BERKELEY.
Two-story 6-room frame dwelling and garage.
Owner—M. S. Hamilton, Jr., 3011 Hillcass, Berkeley.
Contractor—J. M. Walker, 401 Spruce.
Architect—W. Patton, 401 Spruce. \$4,900
- DWELLING**
(1015) 622 TALBOT, BERKELEY.
One-story 5-room frame dwelling.
Owner & Builder—H. E. Marshall, 1230 Marin Ave., Berkeley.
Architect—Not Given. \$3,000
- ALTERATIONS**
(1016) 2741 GROVE ST., BERKELEY. Alterations.
Owner—Mrs. Anna Oppenlander, 2741 Grove Street.
Contractor—J. L. Keppy, 483 Kentucky St.
Architect—Not Given. \$1,375
- DWELLING**
(1017) 1512 GRAND AVE., PIEDMONT. One-story 5-room residence.
Owner & Builder—Otto Rinkert, 2556 Humboldt Ave., Oakland.
Architect—Not Given. \$5,900
- DWELLING**
(1018) 847 MOUNTAIN BLVD., OAKLAND. Two-story eight-room dwelling.
Owner—D. Atwood.
Contractor—H. L. Crocker, Jr., 30 Wilding Lane.
Architect—Not Given. \$3,500
- ALTERATIONS**
(1019) 1935-75 BROADWAY, OAKLAND. Alterations.
Owner—H. C. Capwell Company.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Architect—Not Given. \$2,000
- DWELLING**
(1020) 3939 MAYBELLE AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Sam Casalina, 3928 39th Ave., Oakland.
Architect—Not Given. \$3,000
- WAREHOUSE**
(1021) 831 E 11th St., OAKLAND. One-story warehouse.
Owner—Cochran & Celli, 417 6th St.
Contractor—C. H. Thrans, 28 Home Place, Oakland.
Architect—Not Given. \$1,100
- DWELLING**
(1022) 13022 BROADWAY TERRACE OAKLAND. One-story 5-room dwelling.
Owner—M. J. Rogers & Fred Chopin.
Contractor—H. K. Jensen, 2757 Rawson St., Oakland.
Architect—Not Given. \$3,500
- DWELLING**
(1023) 4028 NORTON AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Elbert Van Ness 4024 Norton Ave., Oakland.
Architect—Not Given. \$4,000
- ADDITION**
(1024) 1901 SAN ANTONIO AVE., ALAMEDA. Addition to school.
Owner—Roman Catholic Church, 1901 San Antonio Ave., Alameda.
Contractor—B. Stuart MacIntyre, 299 Perkins St., Oakland.
Architect—H. A. Minton, Underwood Bldg., San Francisco. \$15,000
- RESIDENCE**
(1025) 55 HAZEL LANE, PIEDMONT. Two-story 12-room frame residence and garage.
Owner—H. B. Smith, 1055 Clarendon Crescent, Oakland.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Architect—F. L. Confer. \$23,500
- DWELLING**
(1026) 3116 GIBBONS DRIVE, ALAMEDA. Two-story 6-room dwelling.
Owner—L. E. Thompson, 3070 15th St., Oakland.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given. \$8000
- ALTERATIONS**
(1027) 1107 BROADWAY, OAKLAND. Alterations.
Owner—C. M. Gregoire and J. Mantovan, Prem.
Contractor—G. & M. Fixture Mfg. Co., 1430 14th Ave.
Architect—Not Given. \$1000
- DWELLING**
(1028) 1315-21 99TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Warren B. Griffith, 1350 99th Ave.
Contractor—C. W. Griffith, 1350 99th Ave.
Also 1-story garages, \$200 each.
Architect—Not Given. \$3500 ea.
- DWELLING**
(1029) 32 SHERIDAN RD., OAKLAND. One-story 5-room dwelling.
Owner—Rod McPherson, 220 Sunnyside Ave., Piedmont.
Contractor—E. P. Riep & Son, 529 Stannage Ave., Albany.
Architect—Not Given. \$4500
- ADDITION**
(1030) 918-20 FALLON ST., OAKLAND. Three-story addition.
Owner & Builder—City of Oakland, City Hall.
Architect—Dept. of Public Bldgs., City Hall. \$154,000
- REPAIRS**
(1031) 333 23RD AVE., OAKLAND. Repairs.
Owner and Builder—Rhodes & Jamieson, Ltd., Prem.
Architect—Not Given. \$1500
- DWELLING**
(1032) 1690 SHORT, BERKELEY. One-story 5-room frame dwelling and garage.
Owner & Builder—M. G. Brasch, 1600 Mountain Blvd.
Architect—Not Given. \$4000
- DWELLING**
(1033) 1346 ALBINA ST., BERKELEY. One-story 5-room frame dwelling and garage.
Owner & Builder—Carl E. Nelson, 1336 Parker St.
Architect—Not Given. \$4750
- DWELLING**
(1034) 966 CRESTON RD., BERKELEY. One-story 6-room frame dwelling and garage.
Owner—J. M. Robertson, Prem.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. \$4500
- DWELLING**
(1035) 4306 DUNSMUIR ST., OAKLAND. One-story 5-room dwelling.
Owner—Clarence L. Bever, 2306 Otis Dr., Alameda.
Contractor—Frank R. Hill, 3215 Fruitvale Ave.
Architect—Not Given. \$4500
- ALTERATIONS**
(1036) 3600-A-B-C SAN LEANDRO ST., OAKLAND. Alterations to apartments.
Owner & Builder—H. F. Dahlke, 598 58th St.
Architect—Not Given. \$2000
- DWELLING**
(1037) 9931 DANTE AVE., OAKLAND. One-story 5-room dwelling.
Owner—A. F. Groom, 6127 Foothill Blvd.
Contractor—Elmer Johnson, 6127 Foothill Blvd.
Also 1-story garage, \$125.
Architect—Not Given. \$2950
- DWELLING**
(1038) 1706 83RD AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—Robt. Mattos, 1700 83rd Ave.
Contractor—K. P. Oliver, 652 Key Rt. Blvd., Albany.
Architect—Not Given. \$4200
- ALTERATIONS**
(1039) 5820 FREMONT ST., OAKLAND. Alterations.
Owner—Roman Senoff, 4311 Essex St., Emeryville.
Contractor—Wm. H. Nelson, 2017 Stuart St., Berkeley.
Architect—Not Given. \$1235

DWELLING
 (1040) 4015 BARNES AVE., OAKLAND. One-story 5-room dwelling.
 Owner—W. H. Wisheropp, 3041 Wisconsin St.
 Contractor—W. H. Wisheropp Co., 3041 Wisconsin St.
 Architect—Not Given. \$4000

AUTO COURT
 (1041) 9235 FOOTHILL BLVD., OAKLAND. One-story 63-room auto court.
 Owner & Builder—A. K. Wright, 1817 Leimert Blvd.
 Architect—Not Given. \$27,000

DWELLING
 (1042) 836 KEY ROUTE BLVD., BERKELEY. One-story 6-room frame dwelling.
 Owner—Charlotte F. MacGregor, 1391 Solano.
 Contractor—C. M. MacGregor, Prem.
 Architect—Not Given. \$3300

DWELLING
 (1043) 832 KEY ROUTE BLVD., BERKELEY. One-story 6-room frame dwelling.
 Owner—Charlotte F. MacGregor, 1391 Solano.
 Contractor—C. M. MacGregor, Prem.
 Architect—Not Given. \$3300

DWELLING
 (1044) 510 CARMEL, BERKELEY. One-story 6-room frame dwelling and garage.
 Owner & Builder—F. E. Sherwood, 1359 Marin Ave.
 Architect—Not Given. \$4000

DWELLING
 (1045) 2827 55TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Chas. Anderson, 3917 Park Blvd.
 Architect—Not Given. \$3400

DWELLING
 (1046) 3271 WISCONSIN, Oakland. One-story 5-room dwelling.
 Owner—Louis V. Conrad, 3726 Virden Ave.
 Contractor—William Watson, 4750 Weldon Ave.
 Also garage, \$250.
 Architect—Not Given. \$3500

DWELLING
 (1047) 1577 76TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—J. Carrier, Prem.
 Contractor—A. E. Waldman, 5409 Foothill Blvd.
 Also 1-story garage, \$350.
 Architect—Not Given. \$4500

ALTERATIONS
 (1048) 2744 25TH AVE., OAKLAND. Alterations and additions.
 Owner & Builder—Louis A. Eike, 1909 Fairview Ave., Hayward.
 Architect—Not Given. \$1100

DWELLING
 (1049) 9315 BURR ST., OAKLAND. One-story 4-room dwelling.
 Owner & Builder—K. A. Johanson, 2057 High St.
 Architect—Not Given. \$3000

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner Contractor Amt.
 176 Moller Nordstrom 15000

DWELLING
 (176) SW COR. SANDRINGHAM PLACE AND SANDRINGHAM ROAD. Eight-room dwelling.
 Owner—Mr. and Mrs. Frank D. Moller, 7 Downey Pl., Oakland.
 Architect—W. K. Strickland.

Contractor—David Nordstrom, 354 Hobart St., Oakland.
 Filed Apr. 25, '38. Dated, Apr. 23, '38
 1st floor joists in place.....\$3000
 Roof sheathing in place..... 3000
 Rough plastering finished..... 3000
 Completion..... 3000
 Usual 35 days..... 3000
 TOTAL COST, \$15,000
 Forfeit, \$1.00 per day. Limit, 90 da.

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No. Owner Contractor Amt.
 295 McCarthy Duerner 4000
 296 S. P. Jacks & Irvine 3587
 297 Parducci Antonini 16061
 298 Hillman McCarthy 6650
 299 Paolucci Masarie 3350
 300 Bell Hansen 6731

DWELLING
 (295) N GRAFTON 75 W Miramar. Four-room and breakfast room dwelling with garage.
 Owner—The McCarthy Co., 333 Kearny Street.
 Architect—Not Given.
 Contractor—Aetna Const. Co., (Will Duerner, Jr.), 1730 24th Avenue.
 Filed, Apr. 13, '38. Dated, Apr. 21, '38
 When frame is up.....25%
 Brown plastered.....25%
 Completed and accepted.....25%
 Usual 35 days.....25%
 TOTAL COST, \$4,000
 Forfeit, \$1 per day. Limit, 90 working days. Plans and spec. filed.

PENT HOUSE
 (296) PELL AND BAKER Streets. Steel frame pent house at S. P. General Hospital.
 Owner—Southern Pacific Co., 64 Market Street.
 Architect—Not Given.
 Contractor—Jacks & Irvine, 620 Market Street.
 Filed, Dated, April 15, 1938.
 Payments not given.
 TOTAL COST, \$3,587

RESIDENCE
 (297) S MARINA BLVD. 67.747 E Fillmore E 30 x S 100, ptn Marina Gardens. Two - story and basement frame residence.
 Owner—Enrico Parducci, 1137 Montgomery Street.
 Architect—Not Given.
 Contractors—Frank Antonini & Co., \$1028; Fracchia & Truffelli, \$10,884; M. Desiano, \$2586; E. E. Valentino, \$1563.
 Filed, Dated, April 21, 1938.
 Payments not given.
 TOTAL COST, \$16,061.00

ADDITIONS
 (298) 147 ELEVENTH ST. Additions and alterations to 1-story Class C brick building.
 Owner—Emil F. and Florence M. Hillman, 147 11th Street.
 Architect—Not Given.
 Contractor—Robt. McCarthy, 1363 14th Avenue.
 Filed, Dated, April 11, 1938.
 Payments not given.
 TOTAL COST, \$6,650

DWELLING
 (299) CARR ST. AND PAUL AVE. One-story and basement frame dwelling.
 Owner—Carlo Paolucci.
 Architect—B. K. Dobkowitz.
 Contractor—Masarie & Scatena.
 Filed, Apr. 25, '38. Dated Apr. 12, '38
 Roof on..... \$837.50
 Brown coated..... 837.50
 Completed and accepted..... 837.50
 Usual 35 days..... 837.50
 TOTAL COST, \$3,350.00
 Bond, \$1675. Surety, F. D. Coe.
 Limit, 90 days. Plans and specifications filed.

RESIDENCE
 (300) BRET HARTE TERRACE. Residence.
 Owner—Edith Bell, premises.
 Architect—H. T. Howard, 580 Market Street.
 Contractor—H. J. Hansen and John Cassidy, 270 Greenfield, San Anselmo.
 Filed, Apr. 27, '38. Dated, Apr. 25, '38
 1st, when ready for plastering.
 2nd, when brown coated.
 3rd, when completed.
 4th, usual 35 days after.
 Bond, \$3365.50. Sureties, Occidental Indemnity Co. Limit, 120 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS
 UNDER \$1000**

ALTER poultry house, \$250; 313 Davis St.; owner, Bennet & Layton 313 Davis St.; contractor, Tony D'Amico, 2345 Polk St.
BILLBOARD, \$7; E 6th St. 175 N Bryant; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
BILLBOARD, \$7; SE Eddy and Webster; owner contractor, Foster & Kleiser Co., 1675 Eddy St.
ALTER flats, \$500; 75-7-9 Pleasant; owner, R. J. Alvarado, premises; contractor, Victor E. Ratto, 4594 19th Street.
ALTER flats, \$900; 614 3rd Avenue; owner, M. Stein, c/o contractor; contractor, Ira W. Coburn, 2048 Market St.
SIGN, electric, \$300; 250 Hyde St.; owner, Nick Rekas, premises; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.
ALTER store, \$200; 1335 Fillmore; owner, B. Greenberg, 5220 Fulton.
ALTER apts., \$300; 839 Broderick; owner, C. Meershoek, premises.
ALTER store, \$500; 255 Golden Gate; owner, National Theatre Supply Co., 121 Golden Gate.
ALTER flats, \$300; 721-25 Ashbury; owner, R. Escala, 1790 Haight; contractor, J. B. Bourdieu, 2625 20th St.
ALTER dwelling, \$900; 1514 29th Avenue; owner, R. Fulton, Prem.; contractor, Frank E. Warr, 782 32nd Ave.
FLUE, \$40; 143 Vicksburg; owner, H. Christensen, 155 Vicksburg.
ALTER dwelling, \$200; 365 Clipper; owner, Howard Musgrave, Prem.; contractor, William Henry Steel, Ltd., 512 2nd St.
ALTER flats, \$200; 341 Corbett; owner, Robt. Duncan, 1735 26th Ave.
ALTER dwelling, \$250; 59 Mangels; owner, Albert King, Prem.
SIGN, electric, \$200; 4620 Mission; owner, Granada Wine & Cal. Liquor Store, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis.
FLUES, \$50; W. Holyoke, 143 N of Silliman; owner, V. Poloni, 48 Holyoke; contractor, P. L. Perrina, 325 Wayland.
ALTER offices, \$620; 821 Market; owner, Pacific Bldg. Co., Prem.; contractor, Patterson & Koster Iron Works, 280 13th St.; engineer, W. H. Ellison, Pacific Bldg.
ALTER dwelling, \$300; 309 Persia; owner, Mary E. Woolvont, Prem.
ALTER flats, \$255; 1750 Post; owner, Lea Rubino, 27 Lincoln Way; contractor, A. D. Barber, 531 Page.
ALTER storage building, \$500; 352 Church; owner, R. J. H. Forbes, 1067 Monadnock Bldg.
SIGN, electric, \$840; 1025 Columbus; owner, Bal Tabarin, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

- SHOP**
(1006) 1235 4TH ST., BERKELEY.
One-story sheet metal shop.
Owner & Builder—Bertel Mork, 1606 Tenth St.
Architect—P. A. Swafford, 126 Carmel Ave., El Cerrito. \$2400
- DWELLING**
(1007) 850 HILLDALE. One-story 5-room frame dwelling and garage.
Owner—N. O. Morse, 1501 Oxford.
Contractor—P. H. Wright, 1100 Oxford.
Architect—Not Given. \$5400
- DWELLING**
(1008) 1248 86TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Cesare Ciucci, 1260 8th Ave.
Architect—Not Given. \$2600
- DWELLING**
(1009) 3528 64TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Marcus Ely, 2221 Santa Rita St.
Contractor—Womack & Son, 3619 64th Ave.
Architect—Not Given. \$3500
- REPAIRS & ALTERATIONS**
(1010) 1811 33RD AVE., OAKLAND.
Repairs and alterations.
Owner—Harry H. Fehr, Prem.
Contractor—Geo. A. Hastings, 1963 89th Ave.
Architect—Not Given. \$1000
- ALTERATIONS**
(1011) 1101-07 26TH ST., OAKLAND.
Alterations.
Owner & Builder—Golden State Co., Ltd., 5307 Telegraph Ave.
Architect—Not Given. \$1250
- FLATS**
(1012) 2330-34 7TH AVE., OAKLAND.
Two-story 10-room flats.
Owner—F. Graham, 2217 7th Ave.
Contractor—Gaubert Bros., 4735 Brookdale Ave.
Architect—Irwin Johnson, 2217 7th Ave. \$8900
- DWELLING**
(1013) 6226 HARMON AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Al Souza, 1419 45th Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$4500
- DWELLING**
(1014) 1492 SUMMIT, BERKELEY.
Two-story 6-room frame dwelling and garage.
Owner—M. S. Hamilton, Jr., 3011 Hillegass, Berkeley.
Contractor—J. M. Walker, 401 Spruce.
Architect—W. Patton, 401 Spruce. \$4,900
- DWELLING**
(1015) 622 TALBOT, BERKELEY.
One-story 5-room frame dwelling.
Owner & Builder—H. E. Marshall, 1230 Marin Ave., Berkeley.
Architect—Not Given. \$3,000
- ALTERATIONS**
(1016) 2741 GROVE ST., BERKELEY.
Alterations.
Owner—Mrs. Anna Oppenlander, 2741 Grove Street.
Contractor—J. L. Keppy, 483 Kentucky St.
Architect—Not Given. \$1,375
- DWELLING**
(1017) 1512 GRAND AVE., PIEDMONT.
One-story 5-room residence.
Owner & Builder—Otto Rinkert, 2556 Humboldt Ave., Oakland.
Architect—Not Given. \$5,900
- DWELLING**
(1018) 847 MOUNTAIN BLVD., OAKLAND.
Two-story eight-room dwelling.
Owner—D. Atwood.
Contractor—H. L. Crocker, Jr., 30 Wilding Lane.
Architect—Not Given. \$3,500
- ALTERATIONS**
(1019) 1935-75 BROADWAY, OAKLAND.
Alterations.
Owner—H. C. Capwell Company.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Architect—Not Given. \$2,000
- DWELLING**
(1020) 3939 MAYBELLE AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Sam Casalina, 3928 39th Ave., Oakland.
Architect—Not Given. \$3,000
- WAREHOUSE**
(1021) 83 E 11th ST., OAKLAND.
One-story warehouse.
Owner—Cochran & Celli, 417 6th St.
Contractor—C. H. Thrans, 28 Home Place, Oakland.
Architect—Not Given. \$1,100
- DWELLING**
(1022) 13022 BROADWAY TERRACE OAKLAND.
One-story 5-room dwelling.
Owner—M. J. Rogers & Fred Chopin.
Contractor—H. K. Jensen, 2757 Rawson St., Oakland.
Architect—Not Given. \$3,500
- DWELLING**
(1023) 4028 NORTON AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Elbert Van Ness 4024 Norton Ave., Oakland.
Architect—Not Given. \$4,000
- ADDITION**
(1024) 1901 SAN ANTONIO AVE., ALAMEDA.
Addition to school.
Owner—Roman Catholic Church, 1901 San Antonio Ave., Alameda.
Contractor—B. Stuart MacIntyre, 299 Perkins St., Oakland.
Architect—H. A. Minton, Underwood Bldg., San Francisco. \$15,000
- RESIDENCE**
(1025) 55 HAZEL LANE, PIEDMONT.
Two-story 12-room frame residence and garage.
Owner—H. B. Smith, 1055 Clarendon Crescent, Oakland.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Architect—F. L. Confer. \$23,500
- DWELLING**
(1026) 3116 GIBBONS DRIVE, ALAMEDA.
Two-story 6-room dwelling.
Owner—L. E. Thompson, 3070 15th St., Oakland.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given. \$8000
- ALTERATIONS**
(1027) 1107 BROADWAY, OAKLAND.
Alterations.
Owner—C. M. Gregoire and J. Mantovan, Prem.
Contractor—G. & M. Fixture Mfg. Co., 1430 14th Ave.
Architect—Not Given. \$1000
- DWELLING**
(1028) 1315-21 99TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Warren B. Griffith, 1350 99th Ave.
Contractor—C. W. Griffith, 1350 99th Ave.
Also 1-story garages, \$200 each.
Architect—Not Given. \$3500 ea.
- DWELLING**
(1029) 32 SHERIDAN RD., OAKLAND.
One-story 5-room dwelling.
Owner—Rod McPherson, 220 Sunnyside Ave., Piedmont.
Contractor—E. P. Riep & Son, 529 Stannage Ave., Albany.
Architect—Not Given. \$4500
- ADDITION**
(1030) 918-20 FALLON ST., OAKLAND.
Three-story addition.
Owner & Builder—City of Oakland, City Hall.
Architect—Dept. of Public Bldgs., City Hall. \$154,000
- REPAIRS**
(1031) 333 23RD AVE., OAKLAND.
Repairs.
Owner & Builder—Rhodes & Jamieson, Ltd., Prem.
Architect—Not Given. \$1500
- DWELLING**
(1032) 1690 SHORT, BERKELEY.
One-story 5-room frame dwelling and garage.
Owner & Builder—M. G. Brash, 1600 Mountain Blvd.
Architect—Not Given. \$4000
- DWELLING**
(1033) 1346 ALBINA ST., BERKELEY.
One-story 5-room frame dwelling and garage.
Owner & Builder—Carl E. Nelson, 1336 Parker St.
Architect—Not Given. \$4750
- DWELLING**
(1034) 966 CRESTON RD., BERKELEY.
One-story 6-room frame dwelling and garage.
Owner—J. M. Robertson, Prem.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. \$4500
- DWELLING**
(1035) 4306 DUNSMUIR ST., OAKLAND.
One-story 5-room dwelling.
Owner—Clarence L. Bever, 2306 Otis Dr., Alameda.
Contractor—Frank R. Hill, 3215 Fruitvale Ave.
Architect—Not Given. \$4500
- ALTERATIONS**
(1036) 3600-A-B-C SAN LEANDRO ST., OAKLAND.
Alterations to apartments.
Owner & Builder—H. F. Dahlke, 598 58th St.
Architect—Not Given. \$2000
- DWELLING**
(1037) 9931 DANTE AVE., OAKLAND.
One-story 5-room dwelling.
Owner—A. F. Groom, 6127 Foothill Blvd.
Contractor—Elmer Johnson, 6127 Foothill Blvd.
Also 1-story garage, \$125.
Architect—Not Given. \$2950
- DWELLING**
(1038) 1706 83RD AVENUE, OAKLAND.
One-story 5-room dwelling.
Owner—Robt. Mattos, 1700 83rd Ave.
Contractor—K. P. Oliver, 652 Key Rt. Blvd., Albany.
Architect—Not Given. \$4200
- ALTERATIONS**
(1039) 5820 FREMONT ST., OAKLAND.
Alterations.
Owner—Roman Senoff, 4311 Essex St., Emeryville.
Contractor—Wm. H. Nelson, 2017 Stuart St., Berkeley.
Architect—Not Given. \$1235

DWELLING
 (1040) 4015 BARNES AVE., OAKLAND. One-story 5-room dwelling.
 Owner—W. H. Wisheropp, 3041 Wisconsin St.
 Contractor—W. H. Wisheropp Co., 3041 Wisconsin St.
 Architect—Not Given. \$4000

AUTO COURT
 (1041) 9235 Foothill Blvd., Oakland. One-story 63-room auto court.
 Owner & Builder—A. K. Wright, 1817 Leimert Blvd.
 Architect—Not Given. \$27,000

DWELLING
 (1042) 836 KEY ROUTE BLVD., BERKELEY. One-story 6-room frame dwelling.
 Owner—Charlotte F. MacGregor, 1391 Solano.
 Contractor—C. M. MacGregor, Prem.
 Architect—Not Given. \$3300

DWELLING
 (1043) 832 KEY ROUTE BLVD., BERKELEY. One-story 6-room frame dwelling.
 Owner—Charlotte F. MacGregor, 1391 Solano.
 Contractor—C. M. MacGregor, Prem.
 Architect—Not Given. \$3300

DWELLING
 (1044) 510 CARMEL, BERKELEY. One-story 6-room frame dwelling and garage.
 Owner & Builder—F. E. Sherwood, 1359 Marin Ave.
 Architect—Not Given. \$4000

DWELLING
 (1045) 2827 55TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Chas. Anderson, 3917 Park Blvd.
 Architect—Not Given. \$3400

DWELLING
 (1046) 3271 WISCONSIN, Oakland. One-story 5-room dwelling.
 Owner—Louis V. Conrad, 3726 Virden Ave.
 Contractor—William Watson, 4750 Weldon Ave.
 Also garage, \$250.
 Architect—Not Given. \$3500

DWELLING
 (1047) 1577 76TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—J. Carrier, Prem.
 Contractor—A. E. Waldman, 5409 Foothill Blvd.
 Also 1-story garage, \$350.
 Architect—Not Given. \$4500

ALTERATIONS
 (1048) 2744 25TH AVE., OAKLAND. Alterations and additions.
 Owner & Builder—Louis A. Eike, 1909 Fairview Ave., Hayward.
 Architect—Not Given. \$1100

DWELLING
 (1049) 9315 BURR ST., OAKLAND. One-story 4-room dwelling.
 Owner & Builder—K. A. Johanson, 2057 High St.
 Architect—Not Given. \$3000

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
176	Moller	Nordstrom	15000

DWELLING
 (176) SW COR. SANDRINGHAM PLACE AND SANDRINGHAM ROAD. Eight-room dwelling.
 Owner—Mr. and Mrs. Frank D. Moller, 7 Downey Pl., Oakland.
 Architect—W. K. Strickland.

Contractor—David Nordstrom, 354 Hobart St., Oakland.
 Filed Apr. 25, '38. Dated Apr. 23, '38
 1st floor joists in place.....\$3000
 Roof sheathing in place..... 3000
 Rough plastering finished..... 3000
 Completion..... 3000
 Usual 35 days..... 3000
TOTAL COST, \$15,000
 Forfeit, \$1.00 per day. Limit, 90 da.

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
295	McCarthy	Duerner	4000
296	S. P.	Jacks & Irvine	3587
297	Parducci	Antonini	16061
298	Hillman	McCarthy	6650
299	Paolucci	Masarie	3350
300	Bell	Hansen	6731

DWELLING
 (295) N GRAFTON 75 W Miramar. Four-room and breakfast room dwelling with garage.
 Owner—The McCarthy Co., 333 Kearny Street.
 Architect—Not Given.
 Contractor—Aetna Const. Co., (Will Duerner, Jr.), 1730 24th Avenue.
 Filed, Apr. 13, '38. Dated, Apr. 21, '38
 When frame is up.....25%
 Brown plastered.....25%
 Completed and accepted.....25%
 Usual 35 days.....25%
TOTAL COST, \$4,000
 Forfeit, \$1 per day. Limit, 90 working days. Plans and spec. filed.

PENT HOUSE
 (296) PELL AND BAKER Streets. Steel frame pent house at S. P. General Hospital.
 Owner—Southern Pacific Co., 64 Market Street.
 Architect—Not Given.
 Contractor—Jacks & Irvine, 620 Market Street.
 Filed..... Dated, April 15, 1938.
 Payments not given.
TOTAL COST, \$3,587

RESIDENCE
 (297) S MARINA BLVD. 67.747 E Fillmore E 30 x S 100, ptn Marina Gardens. Two-story and basement frame residence.
 Owner—Enrico Parducci, 1137 Montgomery Street.
 Architect—Not Given.
 Contractors—Frank Antonini & Co., \$1028; Frachia & Truffelli, \$10,884; M. Desiano, \$2586; E. E. Valentino, \$1563.
 Filed..... Dated, April 21, 1938.
 Payments not given.
TOTAL COST, \$16,061.00

ADDITIONS
 (298) 147 ELEVENTH ST. Additions and alterations to 1-story Class C brick building.
 Owner—Emil F. and Florence M. Hillman, 147 11th Street.
 Architect—Not Given.
 Contractor—Robt. McCarthy, 1363 14th Avenue.
 Filed..... Dated, April 11, 1938.
 Payments not given.
TOTAL COST, \$6,650

DWELLING
 (299) CARR ST. AND PAUL AVE. One-story and basement frame dwelling.
 Owner—Carlo Paolucci.
 Architect—B. K. Dobkowitz.
 Contractor—Masarie & Scatena.
 Filed, Apr. 25, '38. Dated Apr. 12, '38
 Roof on wall.....\$837.50
 Brown coated..... 837.50
 Completed and accepted..... 837.50
 Usual 35 days..... 837.50
TOTAL COST, \$3,350.00
 Bond, \$1675. Surety, F. D. Coe. Limit, 90 days. Plans and specifications filed.

RESIDENCE
 (300) BRET HARTE TERRACE. Residence.
 Owner—Edith Bell, premises.
 Architect—H. T. Howard, 580 Market Street.
 Contractor—H. J. Hansen and John Cassidy, 270 Greenfield, San Anselmo.
 Filed, Apr. 27, '38. Dated, Apr. 25, '38
 1st. when ready for plastering.
 2nd. when brown coated.
 3rd. when completed.
 4th. usual 35 days after.
 Bond, \$3365.50. Sureties, Occidental Indemnity Co. Limit, 120 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS
 UNDER \$1000**

ALTER poultry house, \$250; 313 Davis St.; owner, Bennet & Layton 313 Davis St.; contractor, Tony D'Amico, 2345 Polk St.
 BILLBOARD, \$7; E 6th St. 175 N Bryant; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
 BILLBOARD, \$7; SE Eddy and Webster; owner contractor, Foster & Kleiser Co., 1675 Eddy St.
 ALTER flats, \$500; 75-7-9 Pleasant; owner, R. J. Alvarado, premises; contractor, Victor E. Ratto, 4594 19th Street.
 ALTER flats, \$900; 614 3rd Avenue; owner, M. Stein, c/o contractor; contractor, Ira W. Coburn, 2048 Market St.
 SIGN, electric, \$300; 250 Hyde St.; owner, Nick Rekas, premises; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.
 ALTER ste. \$200; 1335 Fillmore; owner, B. Greenberg, 5220 Fulton.
 ALTER apt., \$300; 839 Eroderick; owner, C. Meerschloger, premises.
 ALTER store, \$500; 255 Golden Gate; owner, National Theatre Supply Co., 121 Golden Gate.
 ALTER flats, \$800; 721-25 Ashbury; owner, R. Escala, 1790 Haight; contractor, J. B. Bourdieu, 2625 20th St.
 ALTER dwelling, \$900; 1514 29th Avenue; owner, R. Fulton, Prem.; contractor, Frank E. Warn, 782 32nd Ave.
 FLUE, \$40; 143 Vicksburg; owner, H. Christensen, 155 Vicksburg.
 ALTER dwelling, \$200; 365 Clipper; owner, Howard Musgrave, Prem.; contractor, William Henry Steel, Ltd., 612 2nd St.
 ALTER flats, \$200; 341 Corbett; owner, Robt. Duncan, 1735 26th Ave.
 ALTER dwelling, \$250; 59 Mangels; owner, Albert King, Prem.
 SIGN, electric, \$200; 1620 Mission; owner, Granada Wine & Cal. Liquor Store, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis.
 FLUES, \$50; W. Holyoke, 143 N of Silliman; owner, V. Poloni, 48 Holyoke; contractor, P. L. Perrina, 325 Wayland.
 ALTER offices, \$620; 821 Market; owner, Pacific Bldg. Co., Prem.; contractor, Patterson & Koster Iron Works, 280 13th St.; engineer, W. H. Ellison, Pacific Bldg.
 ALTER dwelling, \$300; 309 Persia; owner, Mary E. Woolverton, Prem.
 ALTER flats, \$255; 1780 Post; owner, Lea Rubino, 27 Lincoln Way; contractor, A. D. Barber, 531 Page.
 ALTER storage building, \$500; 352 Church; owner, R. J. H. Forbes, 1067 Monadnock Bldg.
 SIGN, electric, \$840; 1025 Columbus; owner, Bal Tabarin, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres |
| 7.—Federal Buildings | 17.—Wharves & Docks |
| 8.—Club Buildings | 18.—Misc. Const. |
| 9.—Hospitals | 19.—Misc. Supplies & Janis |
| 10.—Hotels | |

1—APARTMENTS

Sub-Contracts Awarded
APARTMENTS Cont. Pr., \$61,493
BURLINGAME, San Mateo Co., Cal. Three-story frame apartment house (18 apts.; six 2-room, twelve 4-room), composition and tile roof, steel and wood sash, hardwood floors, tile baths and stall showers, steam heating plant.
 Owner—C. DeBenedetti, 916 N. Humboldt St., Burlingame (San Mateo 2786).
 Architect—R. R. Irvine, 2048 Market St., San Francisco.
 Contractor—A. F. Matlock Co., 212 Clara St., San Francisco.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco.
Title—William A. Rainey & Son, 323 Clementina St., San Francisco.
Mill Work—Pacific Mfg. Co., Santa Clara.
Structural Steel—Herrick Iron W'ks, 1729 Campbell St., Oakland.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Steel Sash and Misc. Iron—Michel & Pfeffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco.
Sheet Metal—Gaffigan Sheet Metal Works, 309 8th Ave., San Mateo.
Painting—W. H. Sills, 1109 Howard Ave., Burlingame.
Hardwood Floors—Acme Floor Co., 1051 Mission St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

3—CHURCHES

Contract Awarded
CHURCH Cost, \$18,000
SAN JOSE, Santa Clara Co., Calif. Cleaves.
 Addition to church building.
 Owner—Church of Jesus Christ Latter-Day Saints, Prem.
 Architect—Not Given.
 Contractor—L. Beckstrand, 1445 Emery St. 3
 Sub Contracts Awarded
CHURCH, ETC. Cost, \$30,000
EUREKA, Humboldt Co., Cal. Fifth and H Streets.
 New church edifice, Guild Hall and Parsonage.
 Owner—Christ Episcopal Church.
 Architect—Lewis P. Hobart, 525 Market St., San Francisco.
 Contractor—Mercer-Fraser Co., Second and Commercial Sts., Eureka.
 Plumbing—Paul E. Cook, 204 6th St.
 Electric Wiring—Home Electric Co., 412 5th St.
 Heating—Harris Sheet Metal Works, 30 W. 4th St.
 Sheet Metal—Thomas Warren, 316

3rd St.
 Brick, Lathing and Plastering—Geo. E. Cornwall & Son, 1237 Myrtle Ave.
 Lumber—Dolbeer Carson Lumber Co., 2nd and M Sts.
 Mill Work—Geo. C. Jacobs Co., 102 W. 4th St.
 Painting—Nelson Bros., 328 5th St.
 All of Eureka.

Planned
CHURCH Cost, \$25,000 to \$30,000
BERKELEY, Alameda County, Calif. Cor. Milvia and Channing Way.
 New church building.
 Owner—Seventh Day Adventists, 537 25th St., Oakland.
 Architect—Clinton Nourse, 1406 Bond St., Los Angeles.
 Arrangements to finance construction are now being made. Further announcement in about one month.

4—FACTORIES & WAREHOUSES

Contract Awarded
ADDITIONS Cost, \$44,230
PETALUMA, Sonoma Co., Calif. Additions and alterations to new mill warehouse.
 Owner—Poultry Producers of Central California.
 Plans by Jones-Hettelsater Const. Co. Kansas City, Mo.
 Contractor—Vogenson Const. Co., of Petaluma. 4
 Contract Awarded
WAREHOUSE Cont. Pr., \$12,423
OAKLAND, Alameda Co., Cal. Fifth Avenue.
 One-story warehouse, garage and office building.
 Owner—H. J. Kaiser Co., Latham Square Bldg., Oakland.
 Architect—Not Given.
 Contractor—A. T. Beckett, 224 Seaside Ave., Oakland. 4

5—FLATS

Contract Awarded
FLATS Cost, \$.....
SAN FRANCISCO, S. Judah St., E of 15th Ave.
 Two-story and basement frame flats.
 Owner—Luis Landeville, c/o Archt.
 Architect—Albert H. Larsen, 333 Kearny St.
 Contractor—C. L. Wold Constr. Co., Ltd., 4412 Fulton St.

6—GARAGES & SERVICE STATIONS

Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO, Kearny Street, Columbus Ave. and Pacific St.
 New steel gasoline service station.
 Owner—McKale's, Inc.
 Plans by Owner.
 Contractor—Aetna Constr. Co., 1730 24th Ave., San Francisco.
 Steel work awarded Michel & Pfeffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco.

Plans Being Figured—Bids Close
 May 3
GARAGE Cost, \$.....
EMERYVILLE, Alameda Co., Calif. Construction of coach garage bldg.
 Owner—East Bay Transit Co., 2129 Grove St., Emeryville.
 Architect—Kent & Hass, Underwood Bldg., San Francisco.
 Dinwiddie Const. Co., 210 Crocker Bldg. (EX brook 5616) San Francisco

is figuring plans and desires sub-bids on all portions of the work.

7—FEDERAL BUILDINGS

BIDS OPENED
PHOENIX, Ariz.—Frank Harmonson, 829 E Jefferson St., Phoenix, at \$198 submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for air conditioning repairs in the U. S. P. O. at Phoenix.

CONTRACT AWARDED
SAN DIEGO, Cal.—A. Corradini & Son, 4880 Valley Blvd., Los Angeles, at \$1,795.00 awarded contract under Spec. 8682 by the 11th Naval District in San Diego, for installing terrazzo floors in galleys of Barracks Nos. 1 to 7 at the Naval Operating Base (Marin Corps Base) San Diego.

CONTRACT AWARDED
MORMON MESA, Nevada.—R. J. Kingston, Ogden, Utah, on Items 1 and 2, at \$5,552 awarded contract by the Division of Purchases & Sales, U. S. Dept. of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility bldg. at Mormon Mesa, Nev.

CONTRACT AWARDED
HUMBOLDT, Nev.—Edward Green Los Angeles, at \$2,647 (Item 1) and \$2,720 (Item 2) awarded contract on Proposal 29063 by the Chief of Division of Purchases & Sales, U. S. Department of Commerce, Washington, D. C., for erection of loop antenna system and radio facilities building at Humboldt, Nev. The site is 20 miles southeast of Lovelock.

CONTRACTS AWARDED
IDAHO and Montana—The following contracts awarded by the Chief of the Division of Purchases & Sales, U. S. Dept. of Commerce, Washington, D. C., for erection of steel tower antenna system and radio facility buildings and other buildings at Burley, Ida., and Great Falls, Mont. Proposal 29003.
 Dixie Electric Const. Co., Montgomery, Ala. (Sch. 1) \$7,287; (Sch. 2) \$350.

Vernon Bros., Twin Falls, Idaho, (Sch. 3) \$1,290.
 Fred R. Dudley, Great Falls (Sch. 4) \$9,276.
 Draper & Schancke, Roanoke, Va., (Sch. 5) \$3,461.

PREPARING PLANS

ARIZONA—U. S. Dept. of Agriculture, Farm Service Administration, 227 Wells Fargo Building, San Francisco, is preparing plans for a transient labor camp to be built near the Agua Fria river, west of Phoenix. The camp will have 300 platforms for either canvas or sheet metal houses, admin. bldg., sewage facilities and electric and water distribution lines. Est. cost, \$100,000. Work of developing water has already started. Bids for construction of the camp will be called within a few weeks by J. A. Waldron, state administrator for the FSA, Tempe, Arizona. 7

BIDS WANTED

TULARE CO., Calif.—Until May 18, 2 p. m., bids will be received by the United States Dept. of Agriculture, Farm Security Administration, Room 418, Wells-Fargo Bldg., 85 Second St., San Francisco, for construction of

the Tulare Unit of the California Migratory Labor Camps Project, in Tulare County, Cal.

Work will include construction of buildings, clearing, grading, road work, drainage, water distribution system, electrical distribution system, and sewage and garbage disposal systems.

Plans and specifications may be obtained at the above address upon deposit of \$25, payable to the Treasurer of the United States.

Low Bidders

STANISLAUS CO., Cal.—Communication Engineering Industries, Seattle, Wash., at \$6,990 (Items 2 & 3), submitted low bid to the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for loop antenna system and radio facility building in Stanislaus County, near Modesto.

Second low bid submitted by L. Ubels, Ripon, at \$7382.

BIDS WANTED

SAN DIEGO, Cal.—Until May 16, bids will be received by the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for erecting antenna system and radio facility building at San Diego. Proposal 29087. 7

Bids Wanted—To Close June 24,

1:00 P. M. Cost, \$.....
POST OFFICE LIHUE, T. H.
 United States Post Office.
 Owner—U. S. Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit for one set of plans. Additional sets, \$7 per set.

BIDS WANTED

SEATTLE, Wash.—Until May 17, 2 p.m., bids are being received by the Custodian of the Building, for additional lighting circuits in the Federal Office Building at Seattle. 7

CONTRACT AWARDED

ALBANY, Ore.—L. H. Hoffman, Portland, Ore., at \$3,991, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for platform and driveway changes at the U. S. Post Office at Albany. 7

BIDS REJECTED

SAN FRANCISCO.—Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received by the Custodian for linoleum flooring in the U. S. Courthouse at San Francisco. Work to be re-advertised. 7

BIDS WANTED

LOS ANGELES, Cal.—Until May 24, 1 p.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for clearing certain portions of the site of the proposed new U. S. Parcel Post building to be built on the northeast corner of Alameda and Macy Streets, Los Angeles. Work included in this contract will consist of removing a 2-story brick bldg. and several timber frame and galv. iron structures. Plans and specifications will be available within a few days at the office of the custodian of the site, Mr. Davis, 812 S. San Pedro Street. 7

Contract Awarded
HANGAR Cont. Fr., \$162,040
ALBROOK FIELD, Canal Zone.
 Construction of a double hangar,

roads, aprons and utilities there-to.

Owner—U. S. Government.
 Plans prepared by the Office of the Quartermaster General, Constr. Division, Washington, D. C.
 Contractor — Pittsburgh-DesMoines Steel Co., Pittsburgh, Pa.

CONTRACT AWARDED

SAN FRANCISCO.—Alta Roofing Co., 976 Indiana St., at \$1,988, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing materials and performing the work for roof repairs to the U. S. Post Office and Court House, San Francisco.

MATERIALS APPROVED

PASADENA, Calif.—Treasury Department has approved the following building material award for the construction of the U. S. P. O. at Pasadena: duplex vacuum pump, C. A. Dunham Company. 7

BIDS OPENED

WATSONVILLE, Santa Cruz Co., Cal.—The Robins Mfg. Co., Chicago, at \$613 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. P. O. at Watsonville. Other bids were: Ceco Steel Products Corp., Chicago\$895
 Nick Hemminga, S. F.1273

MATERIALS APPROVED

ANACORTES, Wash.—Treasury Department approved the following equipment award for the construction of the U. S. Post Office at Anacortes; T. D. MacNeil, general contractor: Fuel burner, Western Fdry. Co. 7

BIDS OPENED

ONTARIO, Ore.—A. G. Plant, Ontario, Ore., at \$131.75, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curbs at the U. S. Post Office at Ontario.
 Other bids were: Ontario Cement Pipe Co., Ontario, Ore.—\$150.
 George Kanrich, Ontario, Ore.—\$160.00.
 Fred R. Comb Co., Minneapolis, Minn.—\$350.
 Henry L. Grohns, Decatur, Ill.—\$463. 7

MATERIALS APPROVED

LAKEVIEW, Ore.—Treasury Dept. approved following equipment award for construction of the U. S. Post Office at Lakeview; James I. Barnes Const. Co., general contractor: Boiler, Kewanee Boiler Corp. 7

MATERIALS APPROVED

MAYWOOD, Cal.—Treasury Dept. approved following building materials for construction of the U. S. Post Office at Maywood; Campbell Constr. Co., general contractor: Pipe hangar, Grinnell Co. 7

MATERIALS APPROVED

HONOLULU, Hawaii.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Quarantine Station at Honolulu; MacDonald Const. Co., general contractor: Plumbing fixtures, Standard Sanitary Mfg. Co.; grease traps, Josam Mfg. Co.; electric water coolers, Nash-Kelvinator Corp.; brass pipe, Amer. Brass Co.; nonconducting covering for plumbing, Johns-Manville Co.; pendent switches, Pass & Seymour; glassware, Gill Glass Co. and Moe-Bridges Corp.; lighting fixtures, Wakefield Brass Co. 7

BIDS OPENED

THE DALLES, Oregon.—Harrison Jones, The Dalles, Ore., at \$2,535, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for interior painting and miscellaneous repairs at the U. S. Post Office, The Dalles.
 Other bids were: R. A. Neuman, McMinnville, Ore.—\$2,735.
 Alfred Johnson, The Dalles, Ore.—\$2,759.
 Henry L. Grohne, Decatur, Ill.—\$3,429.

BIDS WANTED

MT. SHASTA, Siskiyou Co., Cal.—Until May 10 bids will be received by the Division of Purchases and Sales Department of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility building near Mt. Shasta. Proposal 29,130.

Work consists of furnishing and placing 60-ft. wood poles with antenna and construction of 17x25-ft. building with concrete floors and foundations, fencing, driveways, etc. The Government will furnish certain radio equipment. No other radio equipment will be needed.

The principal items of work are: 300 c.y. of earthwork; 20 c.y. of concrete; 5000 FBM timber; 200 lbs. reinforcing steel; 105 rods of fencing, and 85 c.y. of road materials.

CONTRACT AWARDED

STANISLAUS COUNTY, Calif.—F. J. Early, Jr., 369 Pine Street, San Francisco, at \$54,288 awarded contract by the U. S. Department of Agriculture, Farm Security Administration, Rm. 227, Wells-Fargo Bldg., 85 Second St., San Francisco, for construction of Community Buildings and facilities at the Westley Tract of the California Migratory Labor Camps Project in Stanislaus County.

CONTRACT AWARDED

MARE ISLAND, Solano Co., Cal.—The Silent Hoist Winch & Crane Co., 762 Henry St., Brooklyn, N. Y., at \$25,690 (Item 4) awarded contract by the Bureau of Yard and Docks, Navy Dept., Washington, D. C., for power-operated capstans at Navy Yard, Mare Island, Spec. 8513.

BIDS WANTED

RENO, Nev.—Until May 16, 2:30 P. M., bids will be received by the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto, for roofing and sheet metal work for Treatment Building No. 1 at Veterans' Administration Facility, Reno.

Work will include built-up roofing, copper roofing, plastic flashing, metal flashing, ventilators, downspouts, etc.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., or from the Supervising Supt. of Const., Veterans' Administration Facility, Palo Alto. No deposit required.

BIDS OPENED

SELMA, Fresno Co., Calif.—The Robbns Mfg. Co., Chicago, at \$419.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Selma.
 Other bids were: Ceco Steel Prod. Corp., Chicago, \$440
 Chamberlin Metal Weather Strip Co., Inc., Detroit 698
 Nick Hemminga, San Francisco 600

BIDS WANTED

HICKAM FIELD, T. H.—Until May 12, bids will be received by the Constructing Quartermaster, Capt. H. B.

Nurse, Hickam Field, T. H., for construction of Air Corps Gasoline Fueling System at Hickam Field; Estimated cost \$75,000.

Plans by the Office of the Quartermaster General, Constructing Division, Washington, D. C.

8—CLUB BUILDINGS

Contract Awarded
ALTERATION S Cost, \$7,500
TURLOCK, Stanislaus Co., Calif.

Alterations and additions to present one-story Pentecostal Hall, involving increasing dance floor, extending stage, heating system, etc.

Owner—Pentecostal Hall Assn.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Contractor—F. J. Wirtner, Box 414, Turlock.

Completing Plans
ELKS HALL Est. Cost, \$25,000
OROVILLE, Butte Co., Calif. 1445
Myers St.

Alterations and additions to Sandler Bldg. to accommodate new Elks Hall (widening of building 10 ft., addition of second floor, complete remodeling).

Owner—Oroville Elks Hall Association, W. T. Baldwin, Pres.
Architect—Marshall A. Dean, 2104 Addison St., Berkeley.

Construction will probably start the middle of May.
(621) 1st report Jan. 4, 1937. * 8

9—HOSPITALS

CONTRACT AWARDED
CALIENTE, Nev.—L. P. Sherer, Reclams Theater Bldg., Redlands, awarded contract, at \$24,662, by the Lincoln (Nev.) County Commissioners, 22nd.

A. L. Worswick, Architect, Las Vegas, April 19, for the construction of Construction scheduled to begin Apr. a new county hospital in Caliente. gas. * 9

CONTRACT AWARDED

TUCSON, Ariz.—M. M. Sundt Cons. Co., Box 2244, Tucson, awarded contract for construction of an addition to the Pioneer Hotel in Tucson. The addition will be a 2-story and basement structure, 60 x 110 ft. in area, and will contain a coffee shop, store, ballroom, banquet hall, service kitchen and a bar; cost, \$100,000. Roy Place, architect, 11 E. Pennington St., Tucson. 9

CONTRACT AWARDED

LOS ANGELES, Cal.—R. R. Jones Electric Co., 1124 Fair Oaks Ave., South Pasadena, awarded contract at approximately \$22,000 for electrical work to be installed in the new hospital building under construction at 610 S. St. Louis St., Los Angeles, for the Santa Fe Hospital Association. Pozzo Constr. Co., 2403 Riverside Dr., Los Angeles, general contractors. Plans by the architectural department of the Santa Fe Railway, Kerckhoff Bldg., Los Angeles. 9

Bids Wanted—To Close May 24, 2:00 P.M.

LAUNDRY ADDITION Cost, \$.....
STOCKTON, San Joaquin Co., Calif.
Stockton State Hospital.

Erection and completion of addition to laundry building, consisting of a one-story reinforced concrete addition to existing laundry with hollow tile partitions, steel windows, shingle tile and composition roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg.,

12th and N Sts., Sacramento.

Separate bids will be received as follows: (1) General work; (2) Electric work; (3) Mechanical work.

Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

PLANS BEING FIGURED

PASADENA, Cal.—Until May 12, 9 A. M. bids will be received by Architects Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles, and 200 N. Grand Ave., Pasadena, from a selected list of contractors for a one-story children's building and a glazed passage and new one-story physiotherapy building to be built on the site of the Huntington Memorial Hospital (formerly the Pasadena Hospital) on Congress Street, Pasadena. Work will include tearing down present physiotherapy building, from which some salvage will be used. Work is entirely separate, except for the glazed passage, from the 5-story reinforced concrete main hospital building to be built on the site. Plans for this building will not be completed for six weeks and it will probably be 3 months before a contract is awarded and work started.

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

SAN FRANCISCO.—Until May 11, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for acoustical treatment of Bookkeepers' Room in Purchaser of Supplies Office, City Hall. Estimated cost, \$1,200.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

CONTRACT AWARDED

ARLINGTON, Riverside Co., Calif.—T. C. Pritchard, 5260 Magnolia Ave., Riverside, awarded contract by Riverside Board of Public Utilities, at \$20,434, for a civic building to be built at Magnolia Ave., near Castleman St., Arlington. Plans by Ruhnau & Saunders; Kenneth M. Saunders, architect, 3484 Jackson St., Riverside.

Contract Awarded Cont. Pr., \$3,548
DASH COATING YERBA BUENA SHOALS. Site of 1939 World's Fair.
Dash coating, Air Terminal Bldg.; Contract No. 166.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Hermann Bosch, 2075 Folsom St., San Francisco.

Contract Awarded
PALACE INTERIORS

Cont. Pr., \$7,250
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Interior of Palaces 11, 12, 13 and 14; Contract No. 160.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Guy F. Atkinson Co., 662 Russ Bldg., San Francisco.

Contract Awarded
PALACE INTERIORS

Cont. Pr., \$71,750
YERBA BUENA SHOALS. Site of

the 1939 World's Fair.
Interior of Palaces 5, 6, 7, 8 and 9; Contract No. 156.

Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Guy F. Atkinson Co., 662 Russ Bldg., San Francisco.

BIDS OPENED

SACRAMENTO, Calif.—Brass and Kuhn Co., 1919 Bryant St., San Francisco, at \$1,746 submitted low bid April 19 to Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento, for wooden partitions in the Library Courts Bldg., Sacramento.

Other bids were:
Capital City Planing Mill, Sacramento \$1778
Weber Show Case & Fixture Co., Los Angeles 2150
The Fink & Schindler Co., S. F. 2239
Pacific Mfg. Co., Santa Clara 2250

Contract Awarded Cont. Pr., \$2,989
LIBRARY CARMICHAEL, Sacramento Co., Cal.
One-story frame library building.
Owner—County of Sacramento.
Architect—Harry Devine, Cronan Bldg., Sacramento.
Contractor—P. F. Bender, 1012 Del Paso Blvd., North Sacramento.

CONTRACT AWARDED

SAN FRANCISCO.—Mundet Cork Corp., 440 Brannan St., at \$630 was awarded contract by the State Board of Harbor Commissioners, Ferry Bldg., for miscellaneous cork insulation work in the Cold Storage Plant.

Other bids were:
Cork Insulation Co., Inc., S. F.—\$719.
Van Fleet Frear Co., S. F.—\$755.

Contract Awarded
INDUSTRIAL BLDG.

Cont. Pr., \$11,630
STOCKTON, San Joaquin Co., Calif.
Stockton State Hospital.

Erection and completion of a vegetable preparation building consisting of a one-story reinforced concrete building complete with all mechanical & electrical work; steel windows, steel columns and beams, wood roof framing and sheathing; hollow tile partitions and wood framing.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
Contractor—C. H. Dodd, 1660 West Walnut St., Stockton.

April 25, 1938
CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—D. J. & T. Sullivan, Inc., 1940 Folsom St., San Francisco, at \$3,465 was awarded contract by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for moving employees cottages at the Industrial Home for Adult Blind in Oakland.

Plans Approved
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building, to be known as the "Mission Trails Building," to hold exhibits from Santa Barbara, San Luis Obispo, Monterey, Santa Cruz, San Benito and San Mateo Counties.

Owner—California Mission Trails Association (H. M. Horrworth, Manager).

Architect—Harold A. Edmondson, 228 S. Normandie St., Los Angeles, and Robert Stanton, Hotel Del Monte, Del Monte.

Plans have been approved by the state commission and bids for construction will soon be advertised.

BIDS WANTED

LASSEN CO., Cal.—Until May 10, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Redding, Cal., for construction of a maintenance station building and appurtenances in Lassen County at the Secret Valley Maintenance Site located on the Susanville-Alturas Highway about 16 miles south of Ravendale.

Plans and specifications may be obtained at the above office.

Bid must be accompanied by cash or certified or cashier's check in an amount of 10% of bid, payable to the Director of Public Works.

Planned
EXHIBIT BLDG. Cost, \$.....
 YERBA BUENA SHOALS. Site of the 1939 World's Fair. Exhibit building cruciform in shape to be known as "Pacific House," to set on the lagoon in the Pacific Basin area.
 Owner—Pacific Area, Dr. Philip Newell Youtz, Consultant and Director.
 Architect—Not Given.

Contract Awarded
REST ROOM Cont. Pr., \$3,746
 SACRAMENTO, Sacramento Co., Cal. Land Park.
 Rest room.
 Owner—City of Sacramento.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Contractor—Chas. F. Unger, 2426 7th Ave., Sacramento.

CONTRACT AWARDED
 PIOCHE, Nev.—L. F. Dow, 700 N Fairfax Ave., Los Angeles, awarded contract by Lincoln, Nevada, County Commissioners, at \$49,347, for construction of the new county courthouse in Pioche. A. L. Worswick, architect, Las Vegas. 13

Site Tentatively Selected
LIBRARY Cost, \$.....
 MONTEREY, Cal. Pacific and Jefferson Sts.
 One-story and basement library bldg. Owner—City of Monterey (B. J. Pardee, City Manager).
 Architect—W. O. Raignel, Monterey. The matter of purchasing the tentatively selected site at a cost of \$20,000 will probably be submitted to the voters at a bond election.

CONTRACT AWARDED
 SACRAMENTO, Cal.—Luppen and Hawley, Inc., 3126 J St., Sacramento at \$4,810 submitted low bid and was awarded contract by the State Purchasing Agent for air conditioning in certain rooms in the State Capitol proper; Quotation 55-336.
 Other bids were:
 E. B. Ward, San Francisco..... \$5,000
 York Ice Machine Co..... 5,038
 M. R. Carpenter, Sacramento.... 5,362
 13

Bids Opened
PRODUCTS TERMINAL BLDG. Cost, \$.....
 SAN FRANCISCO. Berry Street between Third and Embarcadero. Construction of two-story, reinforced concrete, separate addition in back of present building, to be constructed on foundations already laid. Approx. 45,000 sq. ft. floor area each floor. Electrical work included in contract. Bids for elevator, steel rolling doors, etc., to be asked later.
 Owner—State of California (Board of Harbor Commissioners) Ferry

Building.
 Engineer—Frank G. White, Ferry Building.
 Low Bidder—F. C. Amoroso & Sons, NE Cor. Keith and Wallace Sts., \$155,990.

It was recommended to PWA that contract be awarded low bidder.

Complete bids follow:
 F. C. Amoroso & Sons.....\$155,990
 Sibley Grading and Teaming Co., Ltd. 160,725
 Leo Epp 162,377
 Monson Brothers 167,990
 Barrett & Hilp 171,675
 Clinton Construction Co. 172,400
 MacDonald & Kahn Co., Ltd. 175,517
 E. T. Lesure, Oakland..... 179,757

14— RESIDENCE

Contract Awarded
RESIDENCE Cost, \$.....
 MARIN CO., Calif.
 One-story frame residence.
 Owner—Mr. Morgan.
 Architect—Clarence W. Mayhew, 6020 Acacia St., Oakland.
 Contractor—J. E. Armstrong, 1131 Fleet Road, Oakland.
 (0352) 1st report Feb. 1, 1938. * 14

Sub Contracts Awarded
RESIDENCE Cont. Pr., \$5,095
 SACRAMENTO, Sacramento Co., Cal. College Tract.
 One-story frame residence.
 Owner—Al Carroll, c/o Architect.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Contractor—C. E. DeCuir, 2739 Marshall St., Sacramento.
 Plumbing—C. Moresi, 1332 Burnette Way.
 Electric Wiring—Carl F. Vining, 2909 G Street.
 Heating & Sheet Metal—McLaughlin Sheet Metal Works, P.O. Box 1285.

Tile Work—McCarty Tile Co., 3425 Stockton Blvd.
 Glass and Foundations—Amer. Fuel & Materials Co., 2701 Stockton Street.
 Lumber—Dolan Bldg. Materials Co., 31st and P Sts.
 Mill Work—Moore & Garlick, 1716 Alhambra Blvd.
 Hardware—Shorrock - Smith Hardware Co., 818 J St.
 Painting—Henry Sebak, 1855 49th St.
 Steel Rolling Doors—Wagner's Sheet Metal Works, 2900 M St.
 All of Sacramento.
 (1853) 1st report Mar. 30; 3rd, Apr. 11, 1938.

Preparing Plans
RESIDENCE Cost, \$10,500
 SAN FRANCISCO. University Terrace.
 Two-story and basement frame residence (7 rooms) gas steam heating plant, hardwood floors, tile baths, social hall.
 Owner—Withheld.
 Architect—A. H. Larsen, 333 Kearny (728) * 14

Preparing Plans
RESIDENCE Cost, \$8,000
 WALNUT CREEK, Contra Costa Co., Calif.
 Two-story frame residence (8 rooms).
 Owner—Withheld.
 Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.
 (816) * 14

Contract Awarded
RESIDENCE Cost, \$4,200
 SAN RAFAEL, Marin Co., Calif.
 One-story frame residence (4 rooms), hardwood floors.
 Owner—Withheld.
 Architect—S. A. Lesswing, 17 Hillcrest Dr., San Rafael.
 Contractor—Ernest Laxton, 526 Redhill Ave., San Rafael.

Bids Opened
RESIDENCE & GARAGE Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif. Seventh and Taylor Sts.
 Construction of one-story frame residence and one-story trucking garage (60 x 175 ft.).
 Owner—Mr. Dalzochio, c/o Architect.
 Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Separate bids were received for: (a) garage, and (b) residence.
 Complete bids follow:
 Jack Walton, San Jose—(a) \$5633; (b) \$6856.
 M. W. Reese, San Jose—(a) \$5767; (b) \$7195.
 F. C. Amoroso, S. F.—(a) \$5751; (b) \$6860.
 Dan Caputo, San Jose—(a) \$5540; (b) \$6095.
 Joseph Santi, San Jose—(a) \$5445; (b) \$6918.
 D. A. Hathaway, San Jose—(a) \$5998.

Plans Being Refined
RESIDENCE Cost, \$.....
 ATHERTON, San Mateo Co., Cal.
 One-story frame and adobe residence (6 rooms), shake roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.
 Plans are now being refined by the previous low bidder, C. W. Kemper, 125 Bryant St., Palo Alto.

Completing Plans
RESIDENCE Cost, \$.....
 MARIN CO., Calif.
 One-story frame residence.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.
 Plans will be completed and bids asked at the end of this week.

Preparing Plans
RESIDENCES Cost, \$7,500 each
 SAN FRANCISCO. Francisco Hgts. Addition.
 Two 2-story frame residences; hardwood floors, wood sash, tile baths, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St.

Low Bidder
RESIDENCE Cost, \$.....
 SAN FRANCISCO. SW Normandie Terrace and Vallejo Sts.
 Two - story and basement frame and stucco residence with penthouse (5 bedrooms, 5 baths), tile kitchens and bathrooms, wood paneling, canvas walls, hardwood floors, steam heating system, dumb waiter, etc.
 Owner—Mrs. Rose Naify.
 Architect—John H. Ahnden, 822 39th Ave.
 Low Bidder—Salih Bros., 25 Taylor St., San Francisco.
 Bids held under advisement.

Plans Completed
RESIDENCE Cost, \$16,000
 SAN FRANCISCO. Scott St. near Broadway.
 Two - story frame and stucco residence (9 rooms, 5 baths) hardwood floors, tile baths, composition shingle roof, wood sash, etc.
 Owner—Ralph Levee.
 Mgr. of Const.—Cyril Doane, 49 Rico Way.

Plans are completed and general bids will be received by Mr. Doane within one week or ten days; bond will be required.

Bids Opened
RESIDENCE
 OAKLAND, Alameda Co., Cal., near Mills College.
 Two - story frame and stucco resi-

dence (6 rooms), shingle roof.
 Owner—Withheld.
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.
 Low Bidder—Parsons & Williams, 2262 80th Ave., Oakland—\$6,570.
 Complete bids follow:
 Parsons & Williams, Oakland.....\$6570
 K. J. Henning, Oakland..... 6800
 A. E. Waldmand, Oakland..... 6885
 W. C. Talt, S. F..... 7200
 Arthur Holyoake, Hayward..... 7412
 Bids held under advisement.

Contract Awarded
 RESIDENCE Est. Cost, \$10,000
 MONTEREY, Monterey Co., Calif.
 One - story frame residence (3 bed-rooms, 3 baths).
 Owner—Mr. Lee, c/o Architect.
 Architect—C. J. Ryland, Carmel and Monterey.
 Contractor—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.

Completing Plans
 RESIDENCE Est. Cost, \$5,000
 SACRAMENTO, Calif.
 One-story frame and stucco residence (6 rooms), Redwood Monterey shake roof, wood sash, hardwood floors, tile baths, gas hot air heating system, etc.
 Owner—Withheld.
 Mgr. of Construction—Cyril Doane, 49 Rice Way, San Francisco.
 Plans will be completed and general bids asked in about one week.

Contract Awarded
 DUPLEX RESIDENCE Cost, \$9,200
 OAKLAND, Alameda Co., Cal. 8th Ave. and 24th St.
 One- and part two-story frame duplex residence (Colonial style), vitrolite baths and kitchen, hardwood floors, shingle roof, wood sash, etc.
 Owner—Mr. Graham, c/o Architect.
 Architect—L. M. Johnson, 2219 7th Ave., Oakland.
 Contractor—Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Plans Being Figured
 ALTER RESIDENCE Cost, \$.....
 ALAMEDA, Alameda Co., Cal. 1819 Central Avenue.
 Alteration of residence into apts.
 Owner—Clyde Lankin, c/o Architect.
 Architect—A. Reinhold Denke, 1429 Broadway, Oakland.
 Plans being figured by a selected list of contractors.

Completing Plans
 RESIDENCE Est. Cost, \$12,000
 EAST SACRAMENTO, Calif.
 Two-story frame residence.
 Owner—Withheld.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Plans will be completed and bids asked this week.

Contract Awarded
 RESIDENCE Est. Cost, \$5500
 SAN MATEO, San Mateo Co., Calif.
 One-story frame residence with redwood siding (5 rooms) tile bathroom, linoleum kitchen, hardwood floors, heavy shake roof.
 Owner—A. H. Luchs, c/o Architect.
 Architect—Mark Daniels, 101 Post St. San Francisco.
 Contractor—Delaney & Wilson, 1343 22nd Ave., San Francisco.

Plans Completed
 RESIDENCE Cost, \$.....
 SANTA ROSA, Sonoma Co., Calif.
 One-story frame residence (6 rooms) hardwood floors, shake roof, Redwood exteriors, tile baths, etc.
 Owner—Wilson E. Finley, Burke Sanitarium Road, Santa Rosa.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Owner now taking bids.

Preparing Plans
 RESIDENCES Cost, \$.....
 SAN FRANCISCO. Crestlake Park.
 Three new frame and stucco residences.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St.

Plans Completed
 RESIDENCES Cost, \$4,000 each
 SAN RAFAEL, Marin Co., Calif.
 Eight one - story frame residences (Monterey-Colonial design, hardwood floors, linoleum baths, wood sash, etc.)
 Owner—W. J. Carrothers.
 Architect—Arthur Lamb, Mill Valley.
 Plans completed and segregated bids will be taken shortly for third residence of eventual eight residences.

Contract Awarded
 RESIDENCE Cost, \$6,000
 MONTEREY, Monterey Co., Cal.
 One-story frame residence (2 bedrooms, 1 bath).
 Owner—Mr. Robert Lee, c/o Archt.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 Contractor—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.

CONTRACT AWARDED
 LOS ANGELES, Calif.—Rollin F. Pierson, 6763 Hollywood Blvd., will erect a 2-story, 12-room frame dwelling at 243 Delfern Drive for Norman Taoug; Leland F. Fuller, architect, 1043 Centinela Ave., Santa Monica; Geo. J. Fosdyke, engineer, Air conditioner, six tile baths, overhead garage doors, roller screens, insulating and soundproofing, carrara glass, stainless steel sink, fireplaces, marble hearth; cost, \$30,000. 14

To Be Done By Day's Work
 RESIDENCES Cost, \$4000 each
 SAN FRANCISCO. N Shawnee, 150, 175 and 200 W Delano and SW Niagara and Delano.
 Four one-story and basement frame residences.
 Owner and Builder—Hanson & Hanson, 2401 San Jose Avenue.
 Plans by L. J. Kein, Mill Valley. 14

Contract Awarded
 RESIDENCE Cost, \$15,400
 SAN FRANCISCO. S Marina Blvd. 67 E Fillmore St.
 Two - story and basement frame residence.
 Owner—Enrico Parducci, 488 Pine.
 Architect—Resing & McGuiness, 488 Pine Street.
 Contractor—Fracchia & Truffelli, 1165 Clay Street. 14

Contract Awarded
 RESIDENCE Cost, \$6,570
 OAKLAND, Alameda Co., Cal. Near Mills College.
 Two - story frame and stucco residence (6 rooms), shingle roof.
 Owner—Withheld.
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.
 Contractor—Parsons & Williams, 2262 80th Ave., Oakland.

Contract Awarded
 REMODELING Cost, \$.....
 HAYWARD, Alameda County, Calif. Maddox Road.
 Remodel residence.
 Owner—Withheld.
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.
 Contractor—Geo. Lund, 21696 Montgomery Ave., Hayward.

To Be Done By Day's Work
 ALTER RESIDENCE Cost, \$.....
 ALAMEDA, Cal. Peru and Alameda Ave.

Alteration of residence into four apartments.
 Owner—Bernadine Maede and N. David.
 Architect—A. Reinhold Denke, 1429 Broadway, Oakland.

Contract Awarded
 RESIDENCE Cost, \$6,000
 SAN FRANCISCO. W. Buena Vista, 385 ft NE Frederick St.
 One-story frame residence.
 Owner—Thos. Lundy, 1417 Fulton.
 Architect—Malcolm D. Reynolds, 361 17th St., Oakland.
 Contractor—M. N. Cabral, 19 Highland Ave., Burlingame. 14

Low Bidder
 RESIDENCE Cost, \$.....
 HILLSBOROUGH, San Mateo Co., Calif.
 Two - story frame and brick veneer residence (nine rooms, 3 baths), shingle roof, hardwood floors; Colonial style.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Low Bidder—C. H. Bessett, 826 Walnut Ave., Burlingame.

Contract Awarded
 RESIDENCE Est. Cost, \$10,000
 WOODSIDE, San Mateo Co., Calif.
 One - story frame residence (8 rms., 3 baths) hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Ed. M. Sharpe, 111 Sutter St., San Francisco.
 Contractor—Peterson & Frykman, P. O. Box 656, Palo Alto.

Preparing Working Drawings
 RESIDENCE Est. Cost, \$8500
 SACRAMENTO, Calif.
 Two-story frame residence.
 Owner—Mr. Eckland, c/o Architect.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 General bids will be asked next week.

Bids Opened
 RESIDENCE Cost, \$.....
 STOCKTON, San Joaquin Co., Calif.
 Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—J. U. Cloudsley, Exchange Bldg., Stockton.
 Low Bidder—H. W. Johnson, 1229 W Magnolia St., Stockton.

Other bids were:
 D. T. Parsons.....\$727.
 W. H. Ecker..... 748.
 W. J. Scott..... 789.
 C. E. Totten..... 870.
 Bids held under advisement.

Low Bidder
 RESIDENCE Cost, \$.....
 ORINDA, Alameda Co., Cal.
 Two-story frame residence (7 rooms) board and batten and stucco exterior, shingle roof, wood sash hot air heating system, hardwood floors, tile bath, concrete fireplace, recreation room in the basement.
 Owner—G. A. Wood, c/o Architect.
 Architect—John B. Anthony, 462 Elwood Ave., Oakland.
 Low Bidder—John O. Weston, 172 Grove St., Berkeley.

Bids Opened
 RESIDENCE Cost, \$.....
 LOS ANGELES, Santa Clara Co., Calif.
 One - story frame and stucco residence (five rooms), shake roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Dennis, c/o Architect.
 Architect—Edward W. Kress, 516 1/2 National Bank Bldg., San Jose.
 Low Bidder—M. W. Reese, 1210 Min

nesota Ave., San Jose—\$5,370.
 Other bids were:
 W. H. Schwartz.....\$5538.00
 C. V. Brown..... 5538.00
 Townsend & Hoover..... 6167.83
 Frank L. Hoyt..... 8450.00
 All of San Jose.

Sub Contracts Awarded
BUILDINGS Cost, \$.....
SANTA CRUZ COUNTY, Cal. Near
 Watsonville "Camp McQuade."
 Construction of buildings at camp.
 Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect, Public Works Building,
 12th and N Sts., Sacramento.
 Contractor—Ralph S. Friend, P.O.
 Box 743, Watsonville.
 Sheet Metal and Hardware—P. J.
 Freiermuth Co., 247 Main Street,
 Watsonville.
 Lumber and Mill Work—Hammond
 Lumber Co. & Planing Mill, Walker
 and Kearney Sts., Watsonville.

Contract Awarded
REMODEL RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.,
Calif.
 Remodel residence; addition of one
 story on wing.
 Owner—Geo. G. Montgomery.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.
 Contractor—Peterson & Frykman,
 P.O. Box 656, Palo Alto.

Contract Awarded
RESIDENCE Cost, \$.....
PIEDMONT, Alameda Co., Calif. 55
Hazel Lane.
 Two-story 12-room frame residence
 and garage.
 Owner—H. B. Smith, 1055 Clarendon
 Crescent, Oakland.
 Architect—F. L. Confer, 3147 Clare-
 mont Ave.
 Contractor—C. M. Teigland, 525 49th
 St., Oakland. 14

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$6500
SACRAMENTO, Calif. Sierra Oaks
Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Contract Awarded
RESIDENCE Cost, \$8,000
ALAMEDA, Alameda Co., Cal. 3116
Gibbons Drive.
 Two-story six-room residence.
 Owner—L. E. Thompson, 3070 15th
 St., Oakland.
 Architect—Not Given.
 Contractor—P. Royal Haulman, 1243
 Broadway, Alameda. 14

Contract Awarded
RESIDENCE Est. Cost, \$10,000
SAN MATEO, Lot 2, San Mateo
Park, Costa Rica.
 New frame residence.
 Owner—A. O. Narveson, 2959 20th
 Ave., San Francisco.
 Architect—W. A. Stephen, 2026 Car-
 melita St., San Mateo.
 Contractor—Suburban Builders, 126
 California Dr., Burlingame.

Contract Awarded
BUNGALOW COURT Cost, \$10,000
SAN MATEO, SE Cor. of Bayshore
Bldg. and Poplar St.
 Bungalow court apartments.
 Owner—M. Dennan, 211 N. Delaware
 St., San Mateo.
 Architect—Sam Heiman, 605 Market
 St., San Francisco.
 Contractor—Mills Construction Co.,
 605 Market St., San Francisco.

Sub Contracts Awarded
RESIDENCE Est. Cost, \$8,200
BERKELEY, Alameda County, Calif.

Berkeley View Terrace, Belmar
 Avenue.
 Two-story frame and stucco resi-
 dence (6 rooms), double garage,
 central heating plant, shake roof,
 hardwood floors, tile baths, etc.
 Owner—Mrs. Elizabeth Ball.
 Plans by Paul V. Tuttle, 3718 Grand
 Ave., Oakland.
 Contractor—Albert A. Haskell, 255
 Ridgeway Ave., Oakland.
 Plumbing—Jeavons' Plumbing Co.,
 1514 University Ave., Berkeley.
 Electric Wiring—Fred Schmits, 428
 Moss Ave., Oakland.
 Tile and Linoleum—The Rigney Tile
 Co., 3012 Harrison St.
 Glass, Lumber and Mill—Loop Lum-
 ber and Mill Co., Broadway and
 Blanding Streets.
 Hardwood Floors—Rex Floor Co.,
 2468 65th Ave.
 Brick and Stone—J. C. Jorgensen,
 2768 26th Ave.
 Foundations and Concrete—Nat Lena
 1174 19th St.
 Painting—C. J. Doehring, 2232 Cool-
 idge Ave.
 All of Oakland, unless otherwise
 noted.

Contract Awarded
RESIDENCE Est. Cost, \$6,000
LOMITA PARK, San Mateo Co. Lot
100, Blk. 2, Capuchino Tract.
 New frame residence.
 Owner—L. M. Krigbaum, c/o Con-
 tractor.
 Architect—Angus McSweeney, 604
 Mission St., San Francisco.
 Contractor—G. W. Williams Co., 10
 California Dr., Burlingame.

Preparing Preliminary Plans
RESIDENCE Cost, \$5,500
YUBA CITY, Sutter Co., Cal.
 One-story frame residence (5 rooms).
 Owner—Mr. Johnson, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Preparing Preliminary Plans
RESIDENCE Cost, \$.....
SACRAMENTO, Cal. H. St. Road.
 One-story frame residence (6 rooms).
 Owner—G. Johnson, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Preparing Sketches
RESIDENCES Cost, \$.....
BELMONT, San Mateo Co., Cal.
 Four one-story residences (two 5-
 room and two 6-room), shake
 roofs, stucco interiors, Redwood
 rustic exteriors, incinerators, 2-
 car garages.
 Owner—Withheld.
 Mgr. of Constr.—Cyril Doane, 49 Rico
 Way, San Francisco.

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$6500
SACRAMENTO, Calif. Sierra Oaks
Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Contract Awarded
RESIDENCE
PLACERVILLE, Calif.
 Two-story residence (eleven rooms,
 three baths).
 Owner—Dr. McKinnon, c/o Archt.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.
 Contractor—Azevedo Constr. Co., 920
 O St., Sacramento.

Contract Awarded
RESIDENCE Cost, \$7,000
SAN FRANCISCO, W. Bret Harte
Terrace, 68 ft N Francisco St.
 Two-story frame residence.
 Owner—Edith Bell, Bret Harte Terr.
 Architect—Not Given.
 Contractor—J. Cassidy and H. J.

Hansen, 270 Greenfield, San An-
 selmo. 14

To Be Done By Day's Work
AUTO COURT Cost, \$27,000
OAKLAND, Alameda Co., Cal. 9235
Foothill Blvd.
 One-story 63-room automobile court.
 Owner & Builder—A. K. Wright, 1817
 Leimert Blvd.
 Architect—Not Given. 14

15— SCHOOLS

CONTRACT AWARDED
WHITTIER, Los Angeles Co., Cal.
—J. & B. Constr. Co., 5572½ Valley
Bldg., Los Angeles, awarded contract
by Whittier School District, at \$52,-
282, including alternates Nos. 1, 2, 3,
7, 9 and 11, for construction of a 1-
story building at the Lou Henry
Hoover School in Whittier. Wm. H.
Harrison, 1101 Architects' Bldg., Los
Angeles, is the architect. 15

BOND ELECTION
KINGS COUNTY, Calif.—Corcoran
High School District, Kings County,
will hold an election May 10 at which
time it is proposed to vote bonds in
the sum of \$185,000, proceeds to be
used to finance construction of a new
high school building at Yucon. H.
L. Gogerty, architect, 6272 Yerkes St.,
Hollywood. 15

CONTRACT AWARDED
ETIWAANDA, San Bernardino Co.,
Cal.—T. C. Pritchard, 5266 Magnolia
Ave., Riverside, awarded contract by
Etiwanda School District, at \$57,600
for construction of a new element-
ary school in Etiwanda. Frederick
Kennedy, Jr., architect, 1041 East
Green St., Pasadena. 15

BIDS WANTED
LOS ANGELES, Cal.—Until May
13, 7:30 p.m., bids will be received by
the El Monte Union High School
District for the main 2-story reinf.
conc. bldg. (299 x 64 ft.) to be built
at the high school plant in El Monte.
Plans and specifications will be
available on and after April 28 at
the office of the architects, Marsh,
Smith & Powell, 508 Architects' Bldg.,
Los Angeles, upon deposit of \$50. All
work will be included in the general
contract. Est. cost, \$140,000. 15

Bids Wanted—To Close May 3, 4:00
P. M.

RECONSTRUCTION & ADDITION
Est. Cost, \$130,000
OAKLAND, Alameda Co., Cal. Ham-
pel St. and La Cresta Ave.
 Reconstruction of and addition to
 the Glen View School.
 Owner—Oakland School District.
 Architect—W. G. Corlett, 2m Ave.
 and E. 10th St., Oakland (School
 Administration Bldg.).
 Plans and specifications may be
 obtained at Room 109, Administration
 Bldg., upon deposit of \$25. Bids will
 be opened in the Board Room.

Sub Contracts Awarded
SHOP BLDG. Cont. Pr., \$119,298
BERKELEY, Alameda County, Calif.
Bancroft Way and Grove St.
 First unit of two- and part three-
 story reinforced concrete & steel
 shop building, to consist of frame
 work and foundations, to be con-
 structed on the grounds of the
 Berkeley High School.
 Owner—Berkeley Unified School Dis-
 trict (Clara E. Andrews, Secy.),
 2325 Milvia St., Berkeley.
 Architects—Will G. Corlett, Bank of
 America Bldg., Oakland, and H.
 H. Gutterson, 526 Powell St., San
 Francisco.
 Contractor—W. K. Van Bokkelen
 Constr., 430 23rd St., Oakland.
 Grading and Excavation—W. H. Tal-

dence (6 rooms), shingle roof.
Owner—Withheld.
Architect—Geo. Patton Simonds, 80 Main St., Hayward.
Low Bidder—Parsons & Williams, 2262 80th Ave., Oakland—\$6,570.
Complete bids follow:
Parsons & Williams, Oakland.....\$570
K. J. Henning, Oakland.....6800
A. E. Waldman, Oakland.....6885
W. C. Tait, S. F.....7200
Arthur Holyoake, Hayward.....7412
Bids held under advisement.

Contract Awarded
RESIDENCE Est. Cost, \$10,000
MONTEREY, Monterey Co., Calif.
One-story frame residence (3 bed-rooms, 3 baths).
Owner—Mr. Lee, c/o Architect.
Architect—C. J. Ryland, Carmel and Monterey.
Contractor—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.

Completing Plans
RESIDENCE Est. Cost, \$5,000
SACRAMENTO, Calif.
One-story frame and stucco residence (6 rooms), Redwood Monterey shake roof, wood sash, hardwood floors, tile baths, gas hot air heating system, etc.
Owner—Withheld.
Mgr. of Construction—Cyril Doane, 49 Rico Way, San Francisco.
Plans will be completed and general bids asked in about one week.

Contract Awarded
DUPLIX RESIDENCE Est. Cost, \$9,200
OAKLAND, Alameda Co., Cal. 8th Ave. and 24th St.
One- and part two-story frame duplex residence (Colonial style), vitrolite baths and kitchen, hardwood floors, shingle roof, wood sash, etc.
Owner—Mr. Graham, c/o Architect.
Architect—I. M. Johnson, 2219 7th Ave., Oakland.
Contractor—Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Plans Being Figured
ALTER RESIDENCE Est. Cost, \$.....
ALAMEDA, Alameda Co., Cal. 1819 Central Avenue.
Alteration of residence into apts.
Owner—Clyde Lankin, c/o Architect.
Architect—A. Reinhold Denke, 1429 Broadway, Oakland.
Plans being figured by a selected list of contractors.

Completing Plans
RESIDENCE Est. Cost, \$12,000
EAST SACRAMENTO, Calif.
Two-story frame residence.
Owner—Withheld.
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
Plans will be completed and bids asked this week.

Contract Awarded
RESIDENCE Est. Cost, \$5,500
SAN MATEO, San Mateo Co., Calif.
One-story frame residence with redwood siding (5 rooms) tile bathroom, linoleum kitchen, hardwood floors, heavy shake roof.
Owner—A. H. Luchs, c/o Architect.
Architect—Mark Daniels, 101 Post St. San Francisco.
Contractor—Delaney & Wilson, 1343 22nd Ave., San Francisco.

Plans Completed
RESIDENCE Est. Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.
One-story frame residence (6 rooms) hardwood floors, shake roof, Redwood exteriors, tile baths, etc.
Owner—Wilson E. Finley, Burke Sanitarium Road, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Owner now taking bids.

Preparing Plans
RESIDENCES Est. Cost, \$.....
SAN FRANCISCO, Crestlake Park.
Three new frame and stucco residences.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Plans Completed
RESIDENCES Est. Cost, \$4,000 each
SAN RAFAEL, Marin Co., Calif.
Eight one-story frame residences (Monterey-Colonial design, hardwood floors, linoleum baths, wood sash, etc.)
Owner—W. J. Carrothers.
Architect—Arthur Lamb, Mill Valley.
Plans completed and segregated bids will be taken shortly for third residence of eventual eight residences.

Contract Awarded
RESIDENCE Est. Cost, \$6,000
MONTEREY, Monterey Co., Cal.
One-story frame residence (2 bedrooms, 1 bath).
Owner—Mr. Robert Lee, c/o Archt.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Contractor—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.

CONTRACT AWARDED
LOS ANGELES, Calif.—Rollin F. Pierson, 6763 Hollywood Blvd., will erect a 2-story, 12-room frame dwelling at 243 Delfern Drive for Norman Taurog; Leland F. Fuller, architect, 1043 Centinela Ave., Santa Monica; Geo. J. Fosdyke, engineer. Air conditioner, six tile baths, overhead garage doors, roller screens, insulating and soundproofing, carvra glass, stainless steel sink, fireplaces, marble hearth; cost, \$30,000. 14

To Be Done By Day's Work
RESIDENCES Est. Cost, \$4,000 each
SAN FRANCISCO, N Shawnee, 150, 175 and 200 W Delano and SW Niagara and Delano.
Four one-story and basement frame residences.
Owner and Builder—Hanson & Hanson, 2401 San Jose Avenue.
Plans by L. J. Kein, Mill Valley. 14

Contract Awarded
RESIDENCE Est. Cost, \$15,400
SAN FRANCISCO, S Marina Blvd. 67 E Fillmore St.
Two-story and basement frame residence.
Owner—Enrico Parducci, 488 Pine.
Architect—Resing & McGuinness, 488 Pine Street.
Contractor—Fracchia & Truffelli, 1165 Clay Street. 14

Contract Awarded
RESIDENCE Est. Cost, \$6,570
OAKLAND, Alameda Co., Cal. Near Mills College.
Two-story frame and stucco residence (6 rooms), shingle roof.
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
Contractor—Parsons & Williams, 2262 80th Ave., Oakland.

Contract Awarded
REMODELING Est. Cost, \$.....
HAYWARD, Alameda County, Calif. Maddox Road.
Remodel residence.
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
Contractor—Geo. Lund, 2196 Montgomery Ave., Hayward.

To Be Done By Day's Work
ALTER RESIDENCE Est. Cost, \$.....
ALAMEDA, Cal. Peru and Alameda Ave.

Alteration of residence into four apartments.
Owner—Bernadine Maede and N. David.
Architect—A. Reinhold Denke, 1429 Broadway, Oakland.

Contract Awarded
RESIDENCE Est. Cost, \$6,000
SAN FRANCISCO, W. Buena Vista, 385 ft NE Frederick St.
One-story frame residence.
Owner—Thos. Lundy, 1417 Fulton.
Architect—Malcolm D. Reynolds, 361 17th St., Oakland.
Contractor—M. N. Cabral, 19 Highland Ave., Burlingame. 14

Low Bidder
RESIDENCE Est. Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif.
Two-story frame and brick veneer residence (nine rooms, 3 baths), shingle roof, hardwood floors; Colonial style.
Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
Low Bidder—C. H. Bessett, 826 Walnut Ave., Burlingame.

Contract Awarded
RESIDENCE Est. Cost, \$10,000
WOODSIDE, San Mateo Co., Calif.
One-story frame residence (8 rms., 2 baths) hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Ed. M. Sharpe, 111 Sutter St., San Francisco.
Contractor—Peterson & Frykman, P. O. Box 656, Palo Alto.

Preparing Working Drawings
RESIDENCE Est. Cost, \$5500
SACRAMENTO, Calif.
Two-story frame residence.
Owner—Mr. Eckland, c/o Architect.
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
General bids will be asked next week.

Bids Opened
RESIDENCE Est. Cost, \$.....
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect—J. C. Clowdsley, Exchange Bldg., Stockton.
Low Bidder—H. W. Johnson, 1229 W. Magnolia St., Stockton.

Other bids were:
D. T. Parsons.....\$7277
W. H. Eckler.....7483
W. J. Scott.....7898
C. E. Totten.....8706
Bids held under advisement.

Low Bidder
RESIDENCE Est. Cost, \$.....
ORINDA, Alameda Co., Cal.
Two-story frame residence (7 rooms) board and batten and stucco exterior, shingle roof, wood sash, hot air heating system, hardwood floors, tile bath, concrete fireplace, recreation room in the basement.
Owner—G. A. Wood, c/o Architect.
Architect—John B. Anthony, 462 Elwood Ave., Oakland.
Low Bidder—John O. Weston, 1729 Grove St., Berkeley.

Bids Opened
RESIDENCE
LOS GATOS, Santa Clara Co., Calif.
One-story frame and stucco residence (five rooms), shake roof, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Dennis, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
Low Bidder—M. W. Reese, 1210 Min-

nesota Ave., San Jose—\$5,370.
 Other bids were:
 W. H. Schwartz.....\$5538.00
 C. V. Brown..... 5538.00
 Townsend & Hoover..... 6167.83
 Frank L. Hoyt..... 8450.00
 All of San Jose.

Sub Contracts Awarded
BUILDINGS Cost, \$.....
SANTA CRUZ COUNTY, Cal. Near
 Watsonville "Camp McQuade,"
 Construction of buildings at camp.
 Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect, Public Works Building,
 12th and N Sts., Sacramento.
 Contractor—Ralph S. Friend, P.O.
 Box 743, Watsonville.
 Sheet Metal and Hardware—P. J.
 Freimuth Co., 247 Main Street,
 Watsonville.
 Lumber and Mill Work—Hammond
 Lumber Co. & Planing Mill, Wal-
 ker and Kearney Sts., Watson-
 ville.

Contract Awarded
REMODEL RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.,
Calif.
 Remodel residence; addition of one
 story on wing.
 Owner—Geo. G. Montgomery.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.
 Contractor—Peterson & Frykman,
 P.O. Box 656, Palo Alto.

Contract Awarded
RESIDENCE Cost, \$.....
PIEDMONT, Alameda Co., Calif. 55
 Hazel Lane.
 Two-story 12-room frame residence
 and garage.
 Owner—H. B. Smith, 1055 Clarendon
 Crescent, Oakland.
 Architect—F. L. Confer, 3147 Clare-
 mont Ave.
 Contractor—C. M. Teigland, 525 49th
 St., Oakland. 14

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$6500
SACRAMENTO, Calif. Sierra Oaks
 Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Contract Awarded
RESIDENCE Cost, \$8,000
ALAMEDA, Alameda Co., Cal. 3116
 Gibbons Drive.
 Two-story six-room residence.
 Owner—L. E. Thompson, 3070 15th
 St., Oakland.
 Architect—Not Given.
 Contractor—F. Royal Haulman, 1243
 Broadway, Alameda. 14

Contract Awarded
RESIDENCE Est. Cost, \$10,000
SAN MATEO, Lot 2, San Mateo
Park, Costa Rica.
 New frame residence.
 Owner—A. O. Narveson, 2959 20th
 Ave., San Francisco.
 Architect—W. A. Stephen, 2026 Car-
 melita St., San Mateo.
 Contractor—Suburban Builders, 126
 California Dr., Burlingame.

Contract Awarded
BUNGALOW COURT Cost, \$10,000
SAN MATEO, SE Cor. of Bayshore
Bldg. and Poplar St.
 Bungalow court apartments.
 Owner—M. Dennen, 211 N. Delaware
 St., San Mateo.
 Architect—Sam Heiman, 605 Market
 St., San Francisco.
 Contractor—Mills Construction Co.,
 605 Market St., San Francisco.

Sub Contracts Awarded
RESIDENCE Est. Cost, \$8,200
BERKELEY, Alameda County, Calif.

Berkeley View Terrace, Belmar
 Avenue.
 Two-story frame and stucco resi-
 dence (6 rooms), double garage,
 central heating plant, shake roof,
 hardwood floors, tile baths, etc.
 Owner—Mrs. Elizabeth Ball.
 Plans by Paul V. Tuttle, 3718 Grand
 Ave., Oakland.

Contractor—Albert A. Haskell, 255
 Ridgeway Ave., Oakland.
 Plumbing—Jeavons' Plumbing Co.,
 1514 University Ave., Berkeley.
 Electric Wiring—Fred Schmits, 428
 Moss Ave., Oakland.
 Tile and Linoleum—The Rigney Tile
 Co., 3012 Harrison St.
 Glass, Lumber and Mill—Loop Lum-
 ber and Mill Co., Broadway and
 Blanding Streets.
 Hardwood Floors—Rex Floor Co.,
 2468 65th Ave.
 Bricks and Stone—J. C. Jorgensen,
 2768 26th Ave.
 Foundations and Concrete—Nat Lena
 1174 19th St.
 Painting—C. J. Doehring, 2232 Cool-
 idge Ave.
 All of Oakland, unless otherwise
 noted.

Contract Awarded
RESIDENCE Est. Cost, \$6,000
LOMITA PARK, San Mateo Co. Lot
100, Blk. 2, Capuchino Tract.
 New frame residence.
 Owner—L. M. Krigbaum, c/o Con-
 tractor.
 Architect—Angus McSweeney, 604
 Mission St., San Francisco.
 Contractor—G. W. Williams Co., 10
 California Dr., Burlingame.

Preparing Preliminary Plans
RESIDENCE Cost, \$5,500
YUBA CITY, Sutter Co., Cal.
 One-story frame residence (5 rooms).
 Owner—Mr. Johnson, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Preparing Preliminary Plans
RESIDENCE Cost, \$.....
SACRAMENTO, Cal. H St. Road.
 One-story frame residence (6 rooms).
 Owner—G. Johnson, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Preparing Sketches
RESIDENCES Cost, \$.....
BELMONT, San Mateo Co., Cal.
 Four one-story residences (two 5-
 room and two 6-room), shake
 roofs, stucco interiors, Redwood
 rustic exteriors, incinerators, 2-
 car garages.
 Owner—Withheld.
 Mgr. of Constr.—Cyril Doane, 49 Rico
 Way, San Francisco.

Preparing Preliminary Plans
RESIDENCE Est. Cost, \$6500
SACRAMENTO, Calif. Sierra Oaks
 Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.

Contract Awarded
RESIDENCE
PLACERVILLE, Calif.
 Two-story residence (eleven rooms,
 three baths)
 Owner—Dr. McKinnon, c/o Archt.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.
 Contractor—Azevedo Constr. Co., 920
 O St., Sacramento.

Contract Awarded
RESIDENCE Cost, \$7,000
SAN FRANCISCO. W. Bret Harte
Terrace, 68 ft N Francisco St.
 Two-story frame residence.
 Owner—Edith Bell, Bret Harte Terr.
 Archt.—Not Given.
 Contractor—J. Cassidy and H. J.

Hansen, 270 Greenfield, San An-
 selmo. 14

To Be Done By Day's Work
AUTO COURT Cost, \$27,000
OAKLAND, Alameda Co., Cal. 9235
 Foothill Blvd.
 One-story 63-room automobile court.
 Owner & Builder—A. K. Wright, 1817
 Leimert Blvd.
 Architect—Not Given. 14

15—SCHOOLS

CONTRACT AWARDED
WHITTIER, Los Angeles Co., Cal.
—J. & B. Constr. Co., 5572½ Valley
Bldg., Los Angeles, awarded contract
by Whittier School District, at \$52-
282, including alternates Nos. 1, 2, 3,
7, 9 and 11, for construction of a 1-
story building at the Lou Henry
Hoover School in Whittier. Wm. H.
Harrison, 1101 Architects' Bldg., Los
Angeles, is the architect. 15

BOND ELECTION
KINGS COUNTY, Calif.—Corcoran
High School District, Kings County,
will hold an election May 10 at which
time it is proposed to vote bonds in
the sum of \$185,000, proceeds to be
used to finance construction of a new
high school building at Corcoran. H.
L. Gogerty, architect, 6272 Yuca St.,
Hollywood. 15

CONTRACT AWARDED
ETIWANDA, San Bernardino Co.,
Cal.—T. C. Pritchard, 5266 Magnolia
Ave., Riverside, awarded contract by
Etiwanda School District, at \$57,600
for construction of a new element-
ary school in Etiwanda. Frederick
Kennedy, Jr., architect, 1041 East
Green St., Pasadena. 15

BIDS WANTED
LOS ANGELES, Cal.—Until May
13, 7:30 p.m., bids will be received by
the El Monte Union High School
District for the main 2-story reinf.
conc. bldg. (299 x 64 ft.) to be built
at the high school plant in El Monte.
Plans and specifications will be
available on and after April 28 at
the office of the architects, Marsh,
Smith & Powell, 508 Architects' Bldg.,
Los Angeles, upon deposit of \$50. All
work will be included in the general
contract. Est. cost, \$140,000. 15

Bids Wanted—To Close May 3, 4:00
P. M.

RECONSTRUCTION & ADDITION
Est. Cost, \$130,000
OAKLAND, Alameda Co., Cal. Ham-
pel St. and La Cresta Ave.
 Reconstruction of and addition to
 the Glen View School.
 Owner—Oakland School District.
 Architect—W. G. Corlett, 2nd Ave.
 and E. 10th St., Oakland (School
 Administration Bldg.).
 Plans and specifications may be
 obtained at Room 109, Administration
 Bldg., upon deposit of \$25. Bids will
 be opened in the Board Room.

Sub Contracts Awarded
SHOP BLDG. Cont. Fr., \$119,298
BERKELEY, Alameda County, Calif.
 Bancroft Way and Grove St.
 First unit of two- and part three-
 story reinforced concrete & steel
 shop building, to consist of frame
 work and foundations, to be con-
 structed on the grounds of the
 Berkeley High School.
 Owner—Berkeley Unified School Dis-
 trict (Clara E. Andrews, Secy.),
 2325 Milvia St., Berkeley.
 Architects—Will G. Corlett, Bank of
 America Bldg., Oakland, and H.
 H. Gutterson, 526 Powell St., San
 Francisco.
 Contractor—W. K. Van Bokkelen
 Constr., 430 23rd St., Oakland.
 Grading and Excavation—W. H. Tal-

bot, and Parish Bros.
Reinf. Steel — Ceco Steel Products
Co., 1280 Indiana St., San Francisco.

Aggregates—Golden Gate Stucco Co.,
Brighton and Masonic, Berkeley.
Cement — Pacific Portland Cement
Co., 111 Sutter.

Plumbing and Heating — Madden
Plumbing & Heating Co., 3103
San Pablo Ave., Oakland.
Electric Work—Kerr & Clifford, 4010
Foothill Blvd., Oakland.

Bids Opened
ELECTRIC, MECHANICAL AND
PLUMBING Cost, \$.....
SAN FRANCISCO. George Washington High School, Geary Blvd. and Balboa St., and 30th and 32nd Avenues.

Electrical work and mechanical equipment and plumbing work for the proposed new gymnasium and athletic field unit.

Owner — City and County of San Francisco.

Architect—Chas. H. Sawyer, City Architect, Room 265, City Hall.

Mechanical and plumbing bids received on following five items and electrical bids received on first three items only: (1) Gymnasium & yard work; (2) athletic field, yard work and footfield; (3) duct for omitting east grandstand and 30th Ave. entrances; (4) duct for omitting playyards Nos. 1 and 2; (5) duct for omitting all planting.

Complete bids follow:

Mechanical and Plumbing
James A. Nelson, Inc., 1375 Howard St., San Francisco—(1) \$45,738; (2) \$17,928; (3) \$5,605; (4) \$1,998; (5) \$498.

Herman Lawson Co., San Francisco—(1) \$45,983; (2) \$13,673; (3) \$4,645; (4) \$200; (5) \$300.

Scott Co., Inc., San Francisco—(1) \$48,137; (2) \$17,184; (3) \$6,400; (4) \$2,007; (5) \$1,392.

Anderson and Rowe, San Francisco—(1) \$49,813; (2) \$17,671; (3) \$5,823; (4) \$1,937; (5) \$4,331.

Jas. A. Pinkerton Co., San Francisco—(1) \$53,040; (2) \$15,334; (3) \$7,060; (4) \$871; (5) \$325.

Alta Electric & Mechanical Co., San Francisco—(1) \$53,835; (2) \$18,881; (3) \$9,745; (4) \$498; (5) \$260.

Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco—(1) \$11,806; (2) \$3,139; (3) \$1,477.

Frank G. Lynn, San Francisco—(1) \$12,230; (2) \$2,676; (3) \$1,293.

United Electric Constr. Co., San Francisco—(1) \$12,727; (2) \$2,247; (3) \$1,230.

Spencer Electric Co., San Francisco—(1) \$12,744; (2) \$2,436; (3) \$1,070.

B. J. Doherty Electric Co., San Francisco—(1) \$13,040; (2) \$2,833; (3) \$1,287.

G. H. Armstrong, San Francisco—(1) \$13,333; (2) \$4,667; (3) \$1,900.

Enterprise Electric Works — (1) \$13,501; (2) \$3,183; (3) \$875.

Abbett Electric Co.—(1) \$13,577; (2) \$2,668; (3) \$1,492.

Ed. J. Lynch Electric Co.—(1) \$13,599; (2) \$3,240; (3) \$1,548.

H. S. Tittle Co.—(1) \$15,210; (2) \$2,258; (3) \$1,256.

Cory & Joslin, Inc.—(1) \$15,500; (2) \$2,746; (3) \$1,480.

CONTRACT AWARDED

SANTA MARIA, Santa Barbara Co., Cal.—Doane Bldg. Co., 800 West Main St., Santa Maria, awarded contract by the Santa Maria School District, at \$32,850, for construction of a 6-classroom reinf. conc. addition to the El Camino Street School in Santa Maria. Louis N. Crawford, architect, 8 Gibson-Drexler Bldg., Santa Maria.

Revising Plans
SCHOOL ADDITION Cost, \$59,545
OROVILLE, Okanogan Co., Wash.
One-story masonry and frame addition to present school, consisting of classrooms and toilet facilities; existing steam heating plant will be remodeled and used for heating addition.

Owner—Oroville Consolidated School District, No. 16, W. A. Oakes, School Clerk.
Architect—Wm. Mallis, Lyon Bldg., Seattle.

The architect is now revising previously prepared plans.
PWA recently allotted grant of \$26,795; Docket W-1231.

BIDS OPENED

VENTURA, Ventura Co., Calif.—Hansen & Lee, 1276 E. Main Street, Ventura, submitted low bid to San Buenaventura School District at \$31,737, for construction of the first unit of a new school plant at Howard St. and Thompson Blvd., Ventura. Geo. MacLeod submitted the only other bid at \$32,380. Roy C. Wilson and Geoffrey N. Lawford, architects, Say Road, Santa Paula; Manley W. Sahlgren, structural engineer, Architects' Bldg., Los Angeles. 15

Preparing Plans
SCHOOL Est. Cost, \$100,000
GRASS VALLEY, Nevada Co., Calif. High school building to contain five classrooms and gymnasium; reinforced concrete construction.
Owner — Grass Valley Union High School District.

Architect — Harry Devine, Cronan Bldg., Sacramento.

Plans Completed
SCHOOL Cost, \$.....
SAN JOAQUIN COUNTY, Cal. Three miles north of Lodi (Huston Grammar School).

One - story school building (5 classroom and auditorium), tile roof.
Owner—Huston Grammar Sch. Dist.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.

Plans have been completed and forwarded to the State Division of Architecture for approval.

Contracts Awarded
SCHOOL BLDG. Cont. Pr., \$41,300
SAN LUIS OBISPO, Calif.
Erection and completion of classroom units No. 1 and No. 2, at California Polytechnic School, to consist of two wood frame buildings cov-ered on exterior with wood siding on walls and composition shingles on roof; interior walls are lined with wall board; windows and doors are of wood.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove.

Collins Electrical Co., 708 E Market St., Stockton, at \$3,277 awarded separate contract for electrical work and Smees Pblg. & Htg. Co., San Luis Obispo, at \$7,574 awarded contract for plumbing and heating.

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Calif.—California Wire Cloth Co., 1001 22nd Ave., Oakland, at \$715,000, awarded contract by the Davis School Dist., A. J. Beckman, Clerk, for construction of a steel link fence around the Davis school house, located on U. S. Highway No. 99, seven miles north of Stockton.

Complete bids follow:
Calif. Wire Cloth Co., Oakland. \$715
Standard Fence Co., Oakland. 725
Wickwire Spencer Steel Co., San Francisco

..... 747

Anchor Post Fence Co., Oakland 758

Contracts Awarded
SCHOOL Cost, \$.....
PORTERVILLE, Tulare County, Cal. Olive Street.

Reinforced concrete grammar school to contain 8 classrooms, library and offices.

Owner — Porterville Grammar School District, F. M. Crabtree, Clerk.
Architect—W. D. Coates, 626 Rowell Building, Fresno.

General Work
T. C. & W. H. Irwin, 908 Mill-dreda St., Fresno. \$60,900

Plumbing Work
B. A. Newman Co., 320 N "H" St., Fresno \$ 4,328

Heating
Z. Z. Dowd, 4335 Illinois Ave., Fresno \$ 2,028

Electric Work
Carters Electrical Const. Co., 425 North St., Taft \$ 3,790

LOW BIDDER

ETIWANDA, San Bernardino Co., Cal.—T. C. Pritchard, 5266 Magnolia Ave., Riverside, submitted low bid to Etiwanda School District, at \$57,600, for construction of a new elementary school in Etiwanda. Frederick Kennedy, Jr., architect, 1041 E. Green St., Pasadena. 15

COMMISSIONED TO PREPARE PLANS

KERN COUNTY, Cal.—Symmes & Willard, Stanton Willard, architect, Haberfeld Bldg., Bakersfield, have been commissioned to prepare plans for new units to be added to the Panama school and the Migratory school, Kern county, for the Panama School Dist. The Panama addition will contain three classrooms, a cafeteria and an auditorium; the Migratory addition, two classrooms. The district April 19 voted bonds in the sum of \$55,000 to finance the improvements. 15

LOW BIDDER

WHITTIER, Los Angeles Co., Cal.—Stark & Schmid, 822 N Parson St., Santa Ana, submitted low bid to the Whittier City School District at \$58,900, for construction of a one-story building at Lou Henry Hoover school in Whittier. Wm. H. Harrison, 1101 Architects' Bldg., Los Angeles, is the architect. 15

LOW BIDDER

LOS ANGELES, Cal.—Arthur Pinner, Jr., 4354 W. 3rd St., Los Angeles, submitted low bid to the Los Angeles Board of Education, at \$4948, for alterations to electric shop in mechanical arts building at Huntington Park High School, 6020 Miles Ave., Huntington Park. 15

Contract Awarded
ADDITION Cost, \$15,000
ALAMEDA, 1901 San Antonio Ave. Addition to school.

Owner—Roman Catholic Archbishop of San Francisco.

Architect—H. A. Minton, Underwood Bldg.

Contractor—B. Stuart MacIntyre, 299 Perkins St., Oakland.

Bids Wanted—To Close May 12, 2:00 P. M.
HIGH SCHOOL Cost, \$22,000
POCATELLO, Bannock Co., Idaho.

Additions and alterations to the Pocatello Senior High School bldg., known as Unit No. 1 and the erection and completion of a gymnasium and auditorium bldg., known as unit No. 2.

Owner—Independent School District, (C. G. Wells, Clerk).

Architect—Frank H. Paradise, Jr.,

219 Portneuf Bldg., Pocatello, Ida.
Plans and specifications obtainable from the architect's office upon deposit of \$100.

Bid must be accompanied by a certified check, cashier's check or bid bond for 5% of bid, payable to Owner.

Complete Bids
SCHOOL Cont. Fr., \$60,900
PORTERVILLE, Tuare County, Cal.
Olive Street.

Reinforced concrete grammar school to contain 8 classrooms, library and offices.

Owner—Porterville Grammar School District, F. M. Crabtree, Clerk.
Architect—W. D. Coates, 626 Rowell Building, Fresno.

Contractor—T. C. & W. H. Irwin, 908 Mildreda St., Fresno.

General Work
T. C. & W. H. Irwin, 908 Mildreda St., Fresno (awarded contract) \$60,900.

H. Pedersen (A) \$83,910; (B) \$80,300 (C) \$75,740.

T. C. & W. H. Irwin, (A) \$84,336; (B) \$80,055; (C) \$75,816.

Trewhitt-Shields & Fisher, (A) \$85,282; (B) \$81,145; (C) \$76,915.

Midstate Const. Co., (A) \$86,041; (B) \$81,633; (C) \$77,473.

L. H. Hansen & Sons, (A) \$88,895; (B) \$84,245; (C) \$79,595.

Plumbing
E. A. Newman Co., 320 North H St., Fresno (awarded contract) \$4,328.

Victor J. Cox Co., \$4,387
Frank Hudson, 4,520

Heating
Z. Z. Dowd, 4335 Illinois Ave., Fresno (contract awarded) \$2,028.

Victor J. Cox Co., \$2,109
B. A. Newman, 2,143

Electric Work
Carter Electric Co., Bakersfield (contract awarded) \$3,790.

Robinson Electric; \$4,693; \$4,486; \$4,271.

American Electric Co., \$4,712; \$4,470 \$4,180.

Electric Const. Co., \$4,832; \$4,688; \$4,544.

Sub-Contracts Awarded
SCHOOL BLDG. Cont. Fr., \$28,628
ARVIN, Kern County, Calif.

First unit (6 classrooms) of an eventual sixteen-classroom elementary school building.

Owner—Arvin Grammar School District.
Architect—Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.

Contractor—J. N. Harvey, 1114 Stockton Street, Bakersfield.

Roofing and Tile Work—O. W. McNay, 1669½ Chester Street.

Plumbing—Roy R. Foley, 1801 Quincy Street.

Electric Wiring—Sam Fingerhut, 1818 M Street.

Sheet Metal—Walter M. Fisher, 2602 Chester Street.

Glass—Bakersfield Glass Co., 1715 19th Street.

Hardwood Floors—Bakersfield Floor Co., 207 Oleander Street.

Lumber—Bakersfield Bldg. Materials Co., 15 Kentucky Street.

Lathing and Plastering—Charles D. Conklin, 120 Pacific St.

Linoleum—McNaul & Baxter, 2231 Union Avenue.

All of Bakersfield.

Preparing Plans
SCHOOL Est. Cost, \$253,000
UPLAND, San Bernardino Co., Calif.

Construction of complete elementary school plant including kindergarten, 15 activity type classrooms, library, book storage room, supply rooms, offices, cafeteria and auditorium.

Owner—Upland School District.
Architects—Marsh, Smith & Powell,

Architects' Bldg., Los Angeles.
PWA recently allotted grant of \$75,750 to assist in financing.
Bids will be asked about August 1.

Estimates Submitted
SCHOOLS Solano Co., Cal.
VALLEJO, Solano Co., Cal.

New Lincoln School (\$190,000); additions to Charles F. Curry School (\$74,000); addition of science building and equipment (\$108,000), and girls' physical education building (\$94,690) at the Senior High School; and additions and alterations at Roosevelt School (\$18,000).

Owner—Vallejo Unified School District, Elmer Cave, Supt. of Schs.
Architect—John J. Donovan, 950 Parker St., Berkeley.

The school district is planning to vote bonds in the near future to finance construction. No date has yet been set.

Authorized To Prepare Plans
SCHOOL BLDGS. Cost, \$207,000
BAKERSFIELD, Kern Co., Calif.

Reinforced concrete auditorium to seat 1000 persons, with stage, cafeteria and storage rooms; air conditioning and steam heating system to cost approximately \$175,000 and an administration building to house office and clinic suite to cost about \$32,000.

Owner—Bakersfield School District.
Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Structural Engineer—Don Shugart, Los Angeles.

Mechanical Engineer—Del Reynolds, Los Angeles.

A 24-classroom building is now under construction on the site.

BOND ELECTION
HAYWARD, Alameda Co., Calif.—Hayward School District will vote on May 17 on a proposal to issue bonds in the amount of \$30,000, proceeds to finance construction of alterations and improvements to school buildings. Required balance of \$14,000 available from funds on hand.

WPA will furnish all labor and portion of materials costs amounting to \$178,543.

COMPLETING PLANS
LOS ANGELES, Calif.—Architect John C. Austin, 608 Chamber of Commerce Bldg., Los Angeles, will complete working plans this week for a new junior high school plant to be built in North Hollywood for the Los Angeles Board of Education. The plant will consist of a two-story reinforced concrete science building; a two-story reinforced concrete physical education building; a one-story wood frame cafeteria building, and a one-story wood frame shop bldg. Est. cost, \$444,000. G. H. Schulte, structural engineer; Ralph E. Phillips, mechanical engineer; C. A. Sanborn, electrical engineer. 15

BIDS OPENED
GYMNASIUM
SAN FRANCISCO, George Washington High School, Geary Blvd. and Balboa St. and 30th and 32nd Avenues.

General construction of gymnasium and athletic field unit; gym 165x110 ft. of reinforced concrete and steel frame construction, folding door dividing girls' and boys' gyms; offices, showers, lockers and locker rooms and two grandstands each 318 ft. long, seating 3000 each, and football field; two bitumen-surfaced play yards.

Owner—City and County of S. F.
Architect—Chas. H. Sawyer, City Architect, Room 265, City Hall.

Low Bidder—Meyer Constr. Co., 735 Portola Dr., San Francisco.

General bids were received as follows: (1) Gymnasium and yard work, (2) Athletic field, yard work and football, (3) Deduct for omitting east grandstand and 30th Ave. entrances, (4) deduct for omitting playyards Nos. 1 and 2, (5) deduct for omitting all plumbing.

Complete bids follow:
Meyer Constr. Co., 735 Portola Dr., San Francisco—(1) \$219,642; (2) \$111,479; (3) \$46,493; (4) \$4,641; (5) \$5,411.

Sibley Grading & Teaming Co., Ltd., San Francisco—(1) \$221,169; (2) \$129,191; (3) \$46,418; (4) \$7,329; (5) \$3,083.

K. E. Parker Co., San Francisco—(1) \$235,378, (2) \$145,790, (3) \$54,375.

Peter Sartorio, San Francisco—(1) \$238,000.

Anderson & Ringrose, San Francisco—(1) \$242,333, (2) \$162,952, (3) \$54,503, (4) \$6,500, (5) \$13,000.

16—BANKS, STORES AND OFFICES

PLANS BEING FIGURED
NORTH LONG BEACH, Los Angeles Co., Cal.—Maurice Sasso, structural engineer, I. W. Hellman Bldg., Los Angeles, is taking bids from a closed, selected list of contractors for a one-story, reinf. conc. service bldg. to be built in North Long Beach for the Associated Telephone Co., 550 Elm Ave., Long Beach. Estimated cost, \$40,000. * 16

Contract Awarded
OFFICE & SHOP Cost, \$6,000
SAN FRANCISCO, N 17th Street 75 W Bryant St.

One-story Class C office and shop building.
Owner—G. R. and E. T. Yates, c/o Contractor.

Engineer—H. A. Emmrich, 1280 Indiana Street.

Contractor—Louis Johnson, 666 Mission Street. 16

PLANS BEING FIGURED
ONTARIO, San Bernardino Co., Cal.—Exchange Orange Products Co., Herbert S. Bailey, manager, 616 E. Grove St., Ontario, is taking general contract bids from a closed, selected list of contractors for an office and laboratory building to be built on property adjoining the company's warehouse in Ontario. It will be a 3-story and basement reinforced concrete structure, 70x128-ft. in area. Est. cost, \$75,000. The general contract will include all work except the refrigeration, part of the plumbing and cold storage equipment. Plans were prepared by Laurence J. Waller, structural engineer, 601½ S. New Hampshire Ave., Los Angeles. 16

Preparing Plans
STORE Est. Cost, \$50,000
EL CENTRO, Imperial Co., Cal. SW corner of 5th and Main Streets.

Construction of new store building.
Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.

Plans by Engr. Dept. of Owner.
Bids will be opened in the San Francisco office of the owner.

Contract Awarded
PNEUMATIC TUBE SYSTEM Cost, \$.....
SAN FRANCISCO, 433 California Street.

Pneumatic tube system to connect 13 departments throughout bldg.; 1x12-inch oval tube designed to carry legal and standard letter size papers in file folders.

Owner—Fireman's Fund Insurance Co., 401 California St.

Contractor—The Lamson Co., Inc.,
611 Howard St.

Bids Opened
OFFICE BLDG. Cost, \$.....
SACRAMENTO, Cal. 27th and K
Streets.

Construction of small office bldg.
Owner—Dr. Dozler.
Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.
Low Bidder—L. L. Watson, 1768 11th
Ave.—\$8,752.

Other bids were:
Fred Stuckert\$9333
Lawrence Constr. Co. 9866

Sub Contracts Awarded
STORE BLDG. Cont. Pr., \$9,942
PLACERVILLE, Eldorado Co., Cal.
One-story brick building with pent-
house, to contain taproom and
soda fountain.

Owner—C. A. Butt.
Architect—Guy O. Koepf, P.O. Box
644, Carmel.

Contractor—Campbell Constr. Co., 800
R St., Sacramento.

Roofing—Sacto. Roofing & Insula-
tion Service, 12th and North B
Streets.

Plumbing—Luppen & Hawley, Inc.,
326 J St.

Electric Wiring—Geo. C. Foss, 1720
8th St.

Tile Work—H. P. Fischer Tile &
Marble Co., 1219 J St.

Glass—W. P. Fuller & Co., 1725 10th
Street.

Lumber—Sterling Lumber Co., Pla-
cerville.

Mill Work—Moore & Garlick, 1716
Thamra Blvd.

Painting—Willcoxon & Wilcox, 1724
34th St.

All of Sacramento unless otherwise
noted. 16

Contracts Awarded
REMODEL BANK Est. Cost, \$10,000
HOLLISTER, San Benito Co., Calif.
Remodel entire interior of bank bldg.,
change entrance, install new
counters, cages and screens; en-
large lobby; new offices.

Owner—Hollister National Bank (Ira
Morris, Manager).

Architect—Not Given.

Vault Work—Hermann Safe Co., 200
Howard St.

Fixture Work—Ostlund & Johnson,
1901 Bryant St.

Light Fixtures—Thomas Day & Co.,
51 Shipley St.

Celotex Treatment—Western Asbes-
tos Co., 675 Townsend St.

Contract Awarded
CONVEYOR SYSTEM Cost, \$.....
SAN FRANCISCO, 835 Market St.

Installation of complete modern con-
veyor system.

Owner—The Emporium, 835 Market
Street.

Contractor—The Lamson Co., Inc.,
611 Howard St. 16

CONTRACT AWARDED
PHOENIX, Arizona.—Del E. Webb
Const. Co., 1633 W Jefferson Street,
Phoenix, awarded contract for erec-
tion of a one-story and basement
automobile sales and service build-
ing, 137x200-ft. in area, on the NW
corner of First and Van Buren Sts.,
Phoenix, for Consolidated Motors
Corp., F. I. Stafford, president. The
building will cost \$65,000 and the air
conditioning and other equipment an
additional \$35,000. Work started Apr.
25. H. H. Green, architect, Profes-
sional Bldg., Phoenix. 16

April 28, 1938.

Sub Contracts Awarded
ADDITIONS
SAN FRANCISCO, 835 Market St.
Basement building and tunnel for

The Emporium.
Owner—The Emporium
Plans by Owner
Contractor—Dinwiddie Constr. Co.,
Inc., 210 Crocker Bldg., San Fran-
cisco.

Structural Steel—Fair Mfg. Co., 617
Bryant St.

Reinf. Steel—Gunn-Carle & Co., 20
Trotter Ave.

Excavation—San Francisco Grading
Co., 6565 3rd St.

Masonry—Wm. A. Rainey & Son, 323
Clementina St.

Plastering—Peter Bradley, 639 Bran-
nan St.

Painting—D. E. Burgess, 282 7th St.
Glass—W. P. Fuller & Co., 301 Mis-
sion St.

Hardware—Marshall-Newell Supply
Co., Spear & Mission Sts.

Tile Work—Malott & Peterson, 20th
and Harrison Sts.

Mastick Floor and Roofing—Alta
Roofing Co., 976 Indiana St.

All of San Francisco.
(8291) 1st report Feb. 25; 3rd. Mar.
30, 1938. 16

Contract Awarded
REMODEL BLDG. Cost, \$.....
SAN FRANCISCO, 130 Montgomery
Remodel 3rd floor of building.

Owner—Title Guaranty & Trust Co.
Architect—Ed. M. Sharpe, 111 Sutter
Street.

Contractor—A. F. Mattock Co., 212
Clara Street.

Preparing Plans
ADDITION Cost, \$54,000
MONTEREY, Monterey Co., Calif.
Addition of two floors to office bldg.
(steel frame and steel partitions,
automatic elevator, oil steam
heating plant.

Owner—Withheld.

Architect—C. J. Ryland, 136 Boni-
facio Place, Monterey.

18—WHARVES & DOCKS

BIDS OPENED
SAN FRANCISCO.—Anchor Post
Fence Co., 460 Fifth St., at \$49.75
submitted low bid to the Depart-
ment of Public Works, Room 251,
City Hall, for furnishing and instal-
ling chain link type double gate, 3-ft.
1-in. x 6-ft. 7-in. at the Horace
Mann Junior High School.

Only other bid submitted by the
Standard Fence Co., at \$52.66.

CONTRACT AWARDED
SAN FRANCISCO.—Anchor Post
Fence Co., 460 Fifth St., at \$49.75
awarded contract by Dept. of Public
Works, Room 251, City Hall, for fur-
nishing and installing chain link type
double gate, 9-ft. 1-in. x 6-ft. 7-in.
at the Horace Mann Jr. high school.

Sub-Contracts Awarded
RECONSTRUCTION Cont. Pr. \$32,377
SAN FRANCISCO, Pier 50, Embar-
cadero.
Reconstruction of Shed A, damaged
by fire last December.

Owner—State of California (Board
of Harbor Commissioners), Ferry
Building.

Engineer—Frank G. White, Ferry
Building.

Contractor—Leo Epp, 4745 Geary St.
Sandblasting—Bay Cities Sandblast-
ing Co., Maritime and Wharf Sts.
Oakland.

Lumber—Daugherty Lbr. Co., Na-
poleon near Evans Avenue.

Redwood Lumber—Hermann Lumb-
er Company.

Electric Wiring—Aetna Electric Co.,
1435 Eddy Street.

Misc. Iron—Golden Gate Iron Works,
1541 Howard Street.

Steel Rolling Doors—The Kinnear
Mfg. Co. of Calif., 361 Brannan.

19—MISC. CONSTRUCTION

BIDS WANTED
MARCH FIELD.—Until May 10, 10
a.m., bids will be received by the
Constructing Quartermaster, March
Field, under Invit. No. 6694-38-3, for
installation of night lighting duct
system at March Field.

Bids will be received on:

(1) lump sum, complete installation;

(2) 4-duct installation, per lin. ft.;

(3) complete installation, using fiber
in place of clay ducts;

(4) 4-duct installation, per lin. ft.;

(5) each manhole;

(6) unit prices for earth excav. and
backfill; rock excav. and back-
fill; type B concrete, including
forms; and reinforcing steel.

The work involves: 12 manholes,
3-in. single vit. clay ducts in con-
crete; 1½-in. galv. iron pipe conduit.

Specifications obtainable from the
above office. 19

Contract Awarded
FILTERING SYSTEM Cost, \$.....
BOYES SPRINGS, Sonoma Co., Cal.
New filtering system at Boyes Sprg.

Owner—Boyes Springs Bathhouse,
Boyes Springs.

Contractor—The International Filter
Co., 611 Howard St.

BIDS OPENED
INYO, Riverside Co., Calif.—State
Dept. of Public Works, Division of
Highways, opened bids at the office
of the district engineer in San Diego
April 25 for wrecking buildings with-
in the state highway right of way
and for reconstruction of building
fronts in Indio. The bids were: Joe
Bailey, \$1899; Jules W. Market, \$3,-
268; Cleveland Wrecking Co., \$3,-
524; G. L. Ritchey and H. H. Foster,
\$3865; August Anderson, \$4122; L.
Mansfield, \$4221; O. L. Carpenter,
\$4320. 19

Low Bidder
ADDITION
LAWDALE, San Mateo Co., Cal.
Addition to mausoleum to contain
family rooms and crypts.

Owner—Hills of Eternity Cemetery.
Architect—Hyman & Appleton, 68
Post St., San Francisco.

Low Bidder—H. H. Larsen Co., 64
South Park, San Francisco—\$37,-
423.

BIDS WANTED
LOS ANGELES, Cal.—Until May 4,
2 p.m., bids will be received by the
L. A. Board of Education, 1425 San
Pedro St., for furnishing and install-
ing intercommunication systems at
the warehouse, 1425 San Pedro St.,
and at the board offices in the
Chamber of Commerce Bldg. 19

Low Bidder
TELEPHONE EXCH. Cost, \$.....
ORINDA, Alameda Co., Calif.

One-story concrete dial telephone
exchange building (24½x20½-ft.)

Owner—Pacific Telephone and Tele-
graph Co. 444 Bush St., San Fran-
cisco.

Plans by Engr. Dept. of Owner.

Low Bidder—A. T. Beckett, 224 Sce-
nic Ave., Piedmont.

Bids held under advisement.

BIDS OPENED
QUINAULT, Grays Harbor Co.,
Wash.—Following bids received by
Quinalt Light Co., Fred H. Nichols,
Secretary, Quinalt, for construction
of a hydro-electric generating plant
and rural electric distribution sys-
tem, as follows:

Low bidder for power plant: Ben-
nett & Taylor, 598 San Fernando Rd.,
Los Angeles, \$33,267; low bidder for

distribution line: NePage McKenny Co., 520 SW Pine St., Portland (first figure copper conductor, 2nd figure copper-weld conductor, 3rd figure aluminum cable steel reinf. conductor); \$26,283, \$26,302, \$25,706.

Other bidders: Distribution line—Bennett & Taylor, \$26,373, \$27,051, \$25,717 (60 days); Homer G. Johnson, Imperial Hotel, Portland, \$28,037, \$27,937, \$27,227 (90 days); Huenergard Electric Co., Worcester Bldg., Portland, \$28,902, \$29,332, \$28,383 (120 da); Allen & Early, Inc., Tacoma, Wash., \$31,184 for copper, \$31,795 for copper-weld (90 days).

Power plant—Other bidders (1st fig 16-in wd stove pipe and 12-inch steel pipe, 2d fig 16-inch WSP and 16-inch SP, 3rd fig, 16-inch SP and 12-inch SP, 4th fig, 16-inch SP and 16-inch WSP); Bennett & Taylor, \$33,266, \$35,754, \$34,942, \$37,430 (120 days); Soule & Walters, Manette, Wash., \$37,156, \$39,963, \$37,921, \$40,728 (90 days); Homer G. Johnson, Imperial Hotel, Portland, \$42,537, \$44,097, \$43,249, \$44,809 (110 days); Allen & Early, Tacoma, Wash., \$43,266, \$45,034, \$43,565, \$46,232 (90 days); N. Coluccio & Co., Seattle, \$53,362, no bid 2nd fig, \$54,417, no bid 4th fig (150 days); Grays Harbor Constr. Co., Aberdeen, Wash., \$56,622, \$58,790, \$59,390, \$61,557 (180 days).

Bids taken under advisement. * 19

BIDS REJECTED

MARYSVILLE, Yuba Co., Calif.—Bids received April 20 by the City of Marysville, Chester O. Gates, County Clerk, for constructing a municipal baseball park and grandstand at Lafayette Square in Marysville, were rejected. Plans are being revised and new bids will be asked about May 1.

Total bids follow:
C. A. Otto, Marysville.....\$15,863
Empire Const. Co.....15,977

BIDS OPENED

SAN FRANCISCO—Pacific Coast Engr. Co., Maritime and Wharf Sts., Oakland, at \$35,800 (regular bid submitted the low bid to the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-127, for constructing and delivering afloat one 44-ft. by 22-ft. by 4-ft. barge at the San Francisco waterfront.

Bids were taken as follows:

(1) regular bid;
(2) alternate bid.
Complete bids follow:
Pacific Coast Engr. Co., Oakland: (1) \$35,800; (2) \$35,800.
Berkeley Steel Const. Co., Berkeley: (1) \$38,000; (2) \$38,700.
Independent Iron Works, Ltd., Oakland: (1) \$47,900; (2) \$48,900.
Boiler Tank Pipe Co., Oakland: (1) \$54,494; (2) \$55,210.
Bethlehem Shipbuilding Corp., Ltd., San Francisco: (1) \$64,820; (2) \$74,900.

Bids taken under advisement.

BIDS OPENED

SAN FRANCISCO—Anderson and Cristofani, Innes Ave. and Griffith St., San Francisco, at \$5580, submitted the low bid to the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-131, for construction of one 24-ft. wooden, gasoline motor-driven, single screw work launch for Midway Island.

The only other bidder was Geo. W. Knass Co., 18th and Illinois Sts., San Francisco, at \$5900.

Bids taken under advisement. * 19

CONTRACT AWARDED

LOS ANGELES, Calif.—Whiting-Mead Co., 2260 E. Vernon Ave., was awarded contract for wrecking ex-

isting stadium and church, both wood frame structures, on the site of the new stadium to be built at 1628 N. El Centro Ave. for Hollywood Post No. 43, American Legion. Work will start the first week in May. Plans for the new structure are now under way in the office of Architect Albert C. Martin, 233 Higgins Bldg., and will go out for bids May 2 to a list of contractors selected by the owner. 19

BIDS OPENED

SAN FRANCISCO.—W. E. Minshall, 1995 Oak St., at \$1035, submitted the low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-129, for 230 lf. of test borings and furnishing undisturbed samples and cores of material. Work is located on the Fort Cronkhite Reservation, Marin County.

Complete bids follow:
W. E. Minshall, San Francisco: \$4.50 per lf., total, \$1035.
Cannon Bros., Compton: \$8.00, total, \$1840.

M. B. McGowan, Inc., San Francisco: \$28.87, total, \$6640.10.

Bids taken under advisement. 19

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

KENDRICK PROJ., Wyo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 1055-D, for furnishing and delivering two 102-inch steel bulkheads for power penstocks at the Seminoe power plant Kendrick Proj., Wyo.: fob shipping point and/or Parco, Wyo. Bulkheads will be installed by the government:

John W. Beam, Denver; fob Chicago; disc. 1/2%; wt. 9,000 lbs.; \$1,675.00.

Boiler Tank & Pipe Co., Oakland; fob Oakland; net; \$1,880.00.

Manitowoc Shipbuilding Co., Manitowoc, Wis.; fob Manitowoc; net; wt. 14,000 lbs.; \$1,937.00.

Consolidated Steel Corp., Ltd., Los Angeles; fob Los Angeles; net; wt. 11,700; \$1,720.00.

Treadwell Const. Co., Midland, Pa.; fob Midland; net; wt. 12,000 lbs.; \$1,722.00.

Combustion Engr. Co., St. Louis, Mo.; fob St. Louis; net; wt. 23,200; \$1,510.00.

California Steel Products Co., San Francisco; fob San Francisco; net; wt. 11,930; \$1,374.00.

The Smith Corp., d/b/a General Iron & Steel Works, Portland, Ore.; fob Portland; net; wt. 12,500; \$1,578-50.

The Biggs Boiler Works Co., Akron Ohio; fob Akron; 1/2%; wt. 11,800; \$1,785.00.

New York Shipbuilding Corp., Camden, N. J.; fob Camden; net; wt. 11,500; \$2,993.00.

Commercial Iron Works, Portland, Ore.; fob Portland; net; 14,000; \$1,790.00.

Berkeley Steel Const. Co., Inc., Berkeley; fob Berkeley/ 1/2%; wt. 11,000; \$1,820.00.

Bids taken under advisement. 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Contracts for (1) weatherproof insulated copper wire and (2) bare copper wire. Spec. 2593. Were awarded by the Los Angeles Water and Power Purchasing Agent April 21, as follows:

(1) Anaconda Wire & Cable Co., at \$53,103.
(2) Columbia Steel Co., at \$14,380.

BIDS REJECTED

WASHINGTON, D. C.—All bids were rejected by the U. S. Bureau of Reclamation, Washington, D. C., for furnishing 3,000,000 barrels of cement for shipment to various points during the period of May 1 to Aug. 31.

Thirteen firms submitted bids on the cement.

No announcement was made as to the future actions of the U. S. Bureau of Reclamation on the contracts. 20

BIDS OPENED

LOS ANGELES, Cal.—Kelman El. & Mfg. Co. submitted the only bid to Los Angeles Water and Power Purchasing Agent April 20 for 20 600 amp, 1,000,000 kva., 125-volt, D C circuit breakers; Spec. 2583. The bid was: Breakers, \$5200 each; jacks, \$9.80 each; tank lifter, \$175; option, yes; oil circuit breakers, jacks and lifter, same prices as above. Radiographs, \$2.50 per ft.; stress relieving \$5 per tank; internal flashover test, \$250. Delivery to start in 90 days. Terms, net. 20

BIDS WANTED

LOS ANGELES, Calif.—Until May 19, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for: 17 600-amp., 7500-volt P. S. T. oil circuit breakers complete with 125 d-c motor operated closing mechanism and instantaneous trip coil, with tank lifting device; Spec. 2608. 20

BIDS OPENED

SAN FRANCISCO—Lena Artificial Stone Works, 1826 Folsom St., at \$1,212.90, submitted the low bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1989, for furnishing and delivering artificial cast stone work and ornamental cast plaster for West Portal Library.

Total bids follow:
Lena Artificial Stone Works, \$1212.90
New Era Work Shop.....1251.45
Western Artificial Stone Wks 1545.00
Bids taken under advisement. 20

BIDS OPENED

SAN FRANCISCO.—Kellogg Switchboard and Supply Co., 246 First St., at \$3309.70 submitted only bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1991, for furnishing one 2-position low type, common battery telephone signal multiple switchboard, including all necessary equipment.

Bids taken under advisement. 20

BIDS OPENED

SAN FRANCISCO.—Detroit Steel Products Co., 111 Sutter St., at \$1,084.90 submitted low bid to T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1990, for furnishing and delivering steel sash and frame for the West Portal Library.

Total bids follow:
Detroit Steel Products Co.....\$1084.90
Michel and Pfeffer.....1258.66
Soule Steel Co.....1347.00
Truscon Steel Co.....1648.00
Bids taken under advisement.

BIDS WANTED

LOS ANGELES, Calif.—Until April 27, 2 P. M., bids will be received by the Los Angeles Water and Power Purchasing Agent for approx. 6000 ft. of 14-in. No. 12 gauge, asphaltum dipped plain end, welded steel water pipe (Spec. No. 2617):
(1a) 3000 ft. in 20-ft. lengths; fob Shafter;

- (b) 2000 ft. in 24-ft. lengths; fob Shafter; * 20
 (c) 1000 ft. in 24-ft. lengths; fob West Portal Camp, Mono Basin. * 20
 Specifications obtainable from the above office. * 20

BIDS OPENED

SAN FRANCISCO.—Following bids received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, San Francisco, under Bid No. 1987, for furnishing 240 gross tons of 70-lb. tee rail and 250 pairs of joint plates for the municipal railway: Columbia Steel Co., San Francisco: \$57,869 per gross ton; \$2,4843 per pair.
 Bethlehem Steel Co., San Francisco: \$57,869 No. 1 rail, and \$55,809 No. 2 rail (Alt.); \$2,4843 per pair.
 Bids taken under advisement. * 20

BIDS OPENED

SAN FRANCISCO.—Following bids were submitted to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1992, for furnishing one semi-automatic chlorinating machine for the San Francisco Water Dept.:
 Chemical Equipment Co. of Calif., San Francisco, \$1050, fob factory with freight allowed to destination; 2 $\frac{1}{2}$ to 10 days; net 30 days.
 Wallace & Tiernan Sales Corp., San Francisco: \$1139.19 net; delivered. Bids taken under advisement. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following bids were submitted to the Sacramento City Council, H. G. Denton, City Clerk, Sacramento, for furnishing 10,000 lin. ft. of copper tubing:
 M. R. Carpenter Co., 907 Front St., Sacramento—\$0.1675 per ft. by water; \$0.0174 per ft. by rail.
 Gilmore Steel & Supply Co.—\$0.1691 per ft.
 Bridgeport Iron & Steel Co., Amer. Brass & Copper Co., Tay-Holbrook Co., Crane Co., Walworth Calif. Co., Thompson Diggins Co., Dohrmann Hotel Supply Co., all bid \$0.1776 per ft. * 20

BIDS OPENED

SACRAMENTO, Calif.—Sacramento Rock & Sand Co., 25th and R Sts., Sacramento, at \$6.94 per cubic yard, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, Sacramento, for furnishing 500 c.y. transit-mix Portland cement concrete.
 A. Teichert & Son, Sacramento, at \$7.00 per c.y. submitted the only other bid.
 Bids taken under advisement. * 20

BIDS WANTED

OAKLAND, Cal.—Until May 10, 4 P. M., bids will be received by the Oakland School District and the Oakland High School District, John W. Edgemond, Secretary, Room 104, Administration Bldg., Oakland, under Schedule 7, for furnishing paints, oils, varnishes and miscellaneous painting materials.
 Specifications obtainable from the above office. * 20

BIDS WANTED

BOULDER CANYON PROJECT, ARIZ.—Until May 16, 2 p.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colo., under Spec. No. 1064-D, for furnishing and delivering seven transmitter mechanisms for remote control switches for installation at Imperial Dam and deslitting works, All-American Canal System;

f.o.b. Yuma, Ariz.

Specifications obtainable from the above office. * 20

BIDS WANTED

GRAND COULEE DAM, Wash.—Until May 20, 2 p.m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Denver, Colo., under Spec. No. 781, for furnishing and delivering stop-log guides and appurtenances for installation at the inlets of the 18 main-unit penstocks at Grand Coulee Dam, Columbia River Basin Project, f.o.b. Odair, Wash.
 Plans and specifications obtainable from the above office. * 20

BIDS OPENED

LOS ANGELES.—Bids for 60,000 tons stone spalls or crushed rock for use in bank protection work on Los Angeles River, between Mariposa St. and Dayton Ave., Irwit 470, opened by U. S. Engineer, Los Angeles, were:
 S. S. Sannaha Bros., Inc., \$1.25 ton; \$75,000 total; deliv at Bly, Cal.
 John D. Gregg, Pacific Rock and Gravel, and Graham Bros., bidding jointly; disc. \$0.20 ton 25th prox.: \$1.674 ton; \$100,400 total; plants in San Fernando and San Gabriel Valley.
 Rohl-Connolly Co., \$0.67 ton; \$40,200 total; deliv Armand quarry, West Riverside. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Beaver Portland Cement Co., Portland, Ore., at \$1,608 per bbl., awarded contract by the Forest Service Supply Depot, H. R. Marsh, Acting Supply Officer, Government Island, under Bid No. 5586, for furnishing 100 bbls. of Portland cement; f.o.b. Red Bluff. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Beaver Portland Cement Co., Portland, Ore., at \$1.818 per bbl., was awarded the contract by the Forest Service Supply Depot, H. R. Marsh, Acting Supply Officer, Government Island, under Bid No. 5585, for furnishing 100 bbls. of Portland cement; f.o.b. Gold Hill. * 20

BIDS WANTED

TERMINAL ISLAND.—Until May 6, 2 p.m., bids will be received by C. E. Cooper, chief clerk, Federal Jail, Terminal Island, for fencing materials, as follows:

- LOT 1
 (1) 2700 to 3450 lin. ft. chain link wire fencing, 8 ft. high;
 (2) 2 to 4 end posts;
 (3) 10 to 14 corner posts;
 (4) 6 to 8 gate posts.
 LOT 2
 (1) 250 ft. chain link wire fencing, 6 ft. high;
 (2) 6 end posts;
 (3) 6 gate posts;
 (4) 3 double swing gates;
 (5) 3 single swing gates;
 (6) single swing gate for 4-ft. opening with 45 degree ext. arm;
 (7) double swing gate for 10-foot opening;
 (8) 2 single swing gates for 4-foot opening.

Specifications obtainable from the above office. * 20

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Following bids were submitted to the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing asphaltic concrete mix. Bids were taken as follows: (1) 5 tons or less; (2) 5 to 20 tons; (3) 20 to 100 tons; and (4) 100 tons or over, delivered in trucks, delivered on streets.
 W. H. Larson, 6015 Chabalyrn Ter-

race, Oakland—Type B: (1) 4.65, 4.95; (2) 4.00, 4.30; (3) 3.95, 4.25; (4) 3.90, 4.20. Type C: (1) 5.10, 5.40; (2) 4.75, 5.05; (3) 4.50, 4.80; (4) 4.35, 4.65.

Ransome Co., 4030 Hollis St., Emeryville—Type B: (1) 3.95, 4.95; (2) 3.95, 4.25; (3) 3.95, 4.25; (4) 3.95, 4.25. Type C: (1) 4.35, 5.35; (2) 4.35, 4.65; (3) 4.35, 4.65; (4) 4.35, 4.65.

Bids taken under advisement. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$9,980, awarded the contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing crusher run rock for use in surfacing the Airport.

CONTRACT AWARDED

FORT McDOWELL, Calif.—Pacific Coast Aggregate Inc., 85 Second St., San Francisco, at \$1.70 per ton, was awarded contract by the Quartermaster, Fort McDowell, under Bid No. 536-38-18, for furnishing 400 tons of Class II, fine aggregate (sand); fob East Garrison Dock, Angel Island.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—John A. Courtwright, 375 11th Street, San Francisco, at \$531.33, submitted low bid to the U. S. Forest Service, Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 5574, for furnishing new Caterpillar or equal, tractor parts; f.o.b. Government Island. * 20

CONTRACT AWARDED

OAKLAND, Calif.—See J. Immel, 1031 Evelyn St., Berkeley, at \$4192.40, awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing (1) 1000 tons of macadam rock, (2) 280 tons of coarse rock screenings, (3) 150 tons fine rock screenings, (4) 100 tons asphaltic road oil, for use in paving Maritime St. * 20

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids were submitted to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 1200 tons of coarse aggregate and 800 tons of fine aggregate. Following firms submitted identical bids of \$1.43 per ton on both aggregates:
 Rhodes & Kennedy, Inc., Oakland; Henry Cowell Lime & Cement Co., Oakland; Albert C. Moe, Oakland; Powell Bros., Oakland; Alta Bldg. Materials Co., Oakland; Transit-Mix Concrete Co., Oakland; Melrose Bldg. Materials Co., Oakland; Rhodes & Jamieson, Ltd., Oakland.
 Superior Rock Co., Oakland, bid \$1.84 per ton.
 Bids taken under advisement. * 20

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids submitted to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 2000 bbls. of Portland cement:
 Nine firms submitted identical bids of \$2.49 per bbl.: Rhodes & Kennedy, Inc., Oakland; Henry Cowell Lime & Cement Co., Oakland; Albert C. Moe, Oakland; Powell Bros., Oakland; Alta Bldg. Materials Co., Oakland; Transit-Mix Concrete Co., Oakland; Melrose Bldg. Materials Co., Oakland; Rhodes & Jamieson, Ltd., Oakland; Superior Rock Co., Oakland.
 Bids taken under advisement. * 20

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—California Wire Cloth Co., 1001 22nd Ave., Oakland, at \$2775.40, awarded contract by the Oakland Port Commission for furnishing misc. reinforcing steel, mission, foot of Grove St., Oakland,

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED
SANTA CLARA COUNTY, Calif.—Harvey E. Conner, 1222 Whipple Ave., Redwood City, at \$18,992.90, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a curb dividing strip on about 2.6 miles between Agnew Underpass and North San Jose Underpass, Santa Clara Co. * 21

BIDS WANTED
MENDOCINO CO., Cal.—Until May 18, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a bridge across Bridges Creek about 21 miles south of Garberville, consisting of one 38-foot steel beam span, four 19-ft. and one 15-ft. timber spans, all on concrete footings and timber bents; and two 19-ft. timber sidehill spans on concrete footings to be constructed; and grading and surfacing with screened gravel surfacing of approaches in Mendocino County.

- The work involves:
- (1) 1 lot clear and grub;
 - (2) 1,250 c.y. roadway excav., without class;
 - (3) 500 c.y. import borrow;
 - (4) 3 sta. finish roadway;
 - (5) 80 c.y. screened gravel surf.;
 - (6) 500 c.y. struc. excav.;
 - (7) 300 c.y. stripping;
 - (8) 20,000 lbs. bar reinf. steel;
 - (9) 16 c.y. class A Portland cement concrete pavement;
 - (10) 220 c.y. class A Portland cement concrete structures;
 - (11) 21,000 lbs. struc. steel;
 - (12) 36 MFEM Douglas fir timber;
 - (13) 36 MFEM Redwood timber, dense, select, all-heart struc. grade;
 - (14) 26 MFEM Redwood timber, select, all-heart struc. grade;
 - (15) 5 each, spillway assemblies;
 - (16) 100 lf. 8-in. CMP;
 - (17) 1 lot temporary barricades;
 - (18) 1 lot jacking deck struc. into position;
 - (19) 1 only, exist. bridge to be removed and disposed of;
 - (20) 1 lot dismantling and removing temporary structures;
 - (21) 1 lot misc. items of work.
- Plans and specifications obtainable from the above office. * 21

FUNDS ALLOTTED
BAKERSFIELD, Kern Co., Calif.—City Engineer Joe Holfelder has announced that the state highway department has tentatively allotted \$270,000 from federal funds for the con-

struction of a viaduct over the Santa Fe tracks on Oak St., Bakersfield. The city will apply to the county for assistance in purchase of necessary rights of way. * 21

CONTRACT AWARDED
SANTA BARBARA CO., Calif.—C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at \$278,535.90, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.9 miles grading and paving with Portland cement concrete and constructing four reinforced concrete bridges between Gaviota Pass and Santa Ynez River, Santa Barbara County. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED
LOS ANGELES.—Case Constr. Co., Box 6, San Pedro, at \$259,120, submitted low bid to U. S. Engineer, Los Angeles, for dredging to a depth of 40 feet below mean lower low water the material remaining within the project limits of the turning basin and approach to East Channel in Los Angeles Outer Harbor and with the dredged material reclaiming approximately 26 acres of government-owned tideland at Fort MacArthur. Area to be dredged is 1500 feet wide for a distance of 1800 feet and narrows in W 568 feet to a width of 837 feet. Invit. 407.

- The complete bids were:
- | | |
|---|------------------|
| Case Constr. Co., Inc.—\$0.395 c.y.; | \$259,120 total. |
| W. E. Callahan Constr. Co.—\$0.44 c.y.; | \$288,640 total. |
| San Francisco Bridge Co.—\$0.45 c.y.; | \$295,200 total. |
| Standard Dredging Corp.—\$0.484 c.u. yd.; | \$317,504 total. |
| U. S. Engineer's estimate—\$0.35994 c.u. yd.; | \$236,122 total. |

NOTE: For purpose of computing total, government added the following items to bid price: \$3750 for surveys; \$2000 for inspection; 2% of bid for overhead. * 22

BIDS WANTED
SAN FRANCISCO.—Until May 4, 11 a.m., bids will be received by the Lighthouse Service, H. W. Rhodes, Supt. of Light Houses, Room 423, Custom House, San Francisco, under Bid No. 2992, for furnishing material equipment and labor for driving piles and erecting a 4-pile structure in approximately 5 feet of water on the southerly side of Oakland Creek,

about 1200 yards westerly from San Antonio Creek. Specifications obtainable from the above office. * 22

BIDS OPENED
SAN FRANCISCO.—Macco Const. Co., Clearwater, at \$325,571.25 submitted low bid to the Public Utilities Commission, Room 247, City Hall, under Contract No. 44, for constructing earth and rock fill at the San Francisco Airport.

- Work involves:
- (1) 520,000 c.y. earth and rock fill;
 - (2) 420,000 c.y. hand labor for road-work, etc.;
 - (3) 479,000 c.y. purchasing quarry material.
- The City set a price of \$0.0287 per c.y. on Item 3, making a total of \$13,771.25. Total bids follow:
- | | |
|--|---------------|
| (A) Macco Const. Co., Clearwater, | \$325,571.25. |
| (B) Eaton & Smith, San Francisco, | \$328,931.25. |
| (C) Sibley Grading & Teaming Co., Ltd., San Francisco, | \$333,611.22. |
| (D) Piombo Bros., San Francisco, | \$338,377.25. |
| (E) Guy F. Atkinson Co., San Francisco, | \$360,671.25. |
| (F) Chas. L. Harney, San Francisco, | \$396,571.25. |
| (G) Granfield, Farrar & Carlin, San Francisco, | \$397,071.25. |
| (H) Williams Bros. & Haas, Inc., San Francisco, | \$400,831.25. |
| (I) MacDonald & Kahn Co., Ltd., San Francisco, | \$429,111.25. |

Unit bids taken:

	(A)	(B)	(C)
(1).....	\$.598	.598	.607
(2).....	.002	.01	.01
(3).....	13,771.25	13,771.25	13,771.25
	(D)	(E)	(F)
(1).....	\$.624	.655	.72
(2).....	.0003	.015	.02
(3).....	13,771.25	13,771.25	13,771.25
	(G)	(H)	(I)
(1).....	\$.725	.729	.735
(2).....	.015	.019	.017
(3).....	13,771.25	13,771.25	13,771.25

Bids taken under advisement. * 22

CONTRACT AWARDED
LOS ANGELES, Calif.—Standard Dredging Co., 108 W. Sixth St., Los Angeles, at \$121,800, awarded contract by the U. S. Engineer Office, Los Angeles, for dredging 580,000 cu. yards of material from Santa Barbara Harbor. * 22

BIDS OPENED
SAN PEDRO, Cal.—Bids were submitted to the Public Works Office, Headquarters, 11th Naval District, San Diego, April 26, under Spec. No. 8658, for construction of a timber seaplane runway at the 11th Naval District (Fleet Air Base) San Pedro. Work consists of the provision of materials for and the construction of an inclined creosoted timber seaplane runway, 40-ft. wide extending outdoors over and into the water, a distance of approx. 182 feet, and about 6,000 c.y. dredging in connection with the installation of the runway, and the construction of an inclined creosoted timber piles supporting creosoted timber caps, deck planking, stringers, guard rails, etc., all secured together and to the timber piles with galv. straps, bolts, spikes and misc. iron work.

- Bids were received on the following items:
- (1) dredging only;
 - (2) timber runway only;

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street

Sacramento : California

- (3) dredging work combined with timber runway, location A.
- (4) timber work and excavation, location B.

The complete bids were:

- Hull, Smale & Robinson: (1) \$6825;
- (2) \$14,200; (3) \$20,800; (4) \$14,875.
- Ben C. Gerwick: (1) \$6000; (2) \$26,347; (3) \$32,347; (4) \$27,252.
- Atlas Const. Co.: (1) \$7000; (2) \$12,500; (3) \$19,500; (4) \$13,500.
- Case Const. Co.: (1) \$55 c.y.; (2) \$14,671; (3) \$17,990; (4) \$15,190.
- Arthur Pinner, Jr.: (3) \$23,528; (4) \$19,078.
- Rohl-Connolly Co.: (1) \$5700; (2) \$19,266; (3) \$22,966; (4) \$17,716.
- Lipscomb & Barclay: (2) \$11,437.
- Shannahan Bros.: (1) \$2240; (2) \$15,460; (3) \$23,700; (4) \$15,490.

22

23— CANALS

BIDS WANTED

OWYHEE PROJ., Ore.-Ida.—Until May 10, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 1063-D, for construction of structures, South Canal laterals 25.4 to 37.6, Succor Ck. Division, Owyhee Project. The work is located near Marsing, Idaho.

The work involves:

- (1) 3000 c.y. all classes of excav. for structures;
- (2) 3000 c.y. of backfill about struc.;
- (3) 1100 c.y. of concrete in struc.;
- (4) 2000 sq. yds. of dry-rock paving;
- (5) placing 70,000 lbs. of reinf. bars;
- (6) erecting 2MFMB of timber in structures;
- (7) laying 1725 l.f. of 15- to 42-inch diameter concrete pipe;
- (8) installing 6000 lbs. of gates;
- (9) installing 2000 lbs. of misc. metal-work.

Plans and specifications obtainable from the above office upon deposit of \$3.00. * 23

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until May 20, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, John C. Page, Commissioner, Old Post Office Bldg., Sacramento, under Spec. No. 776, for construction of earthwork, tunnel, canal lining, and structures, station 209-65 to station 638-00, Contra Costa Canal, Delta Division, Central Valley Project, Calif. The work is located near Antioch, Calif.

The work involves:

- (1) 52 acres of clearing and grubbing orchards and vineyards;
- (2) 505,500 c.y. of all classes of excavation for canal;
- (3) 135,000 sta. c.y. of overhaul;
- (4) 40,000 c.y. of compacted embankments;
- (5) 4,560 c.y. excav. in tunnel;
- (6) 5,710 c.y. of all classes of excav. for structures;
- (7) 1,500 sq. yds. of preparing rock foundations for concrete lining;
- (8) 147,000 sq. yds. of trimming earth foundations for concrete lining;
- (9) 19,175 c.y. of backfill;
- (10) 1,020 c.y. of concrete in tunnel;
- (11) 2,735 c.y. of concrete in structures;
- (12) 12,500 c.y. of concrete in canal lining;
- (13) 540 c.y. of dry-rock paving;
- (14) 500 cu. ft. of pressure grouting in tunnel;
- (15) Placing 1,145,500 lbs. of reinf. bars;
- (16) Erecting 133 MFMB of timber in bridges;
- (17) Furnishing and installing 24,000 lbs. of permanent steel supports in tunnel;

- (18) Furnishing and erecting 18MF BM of permanent timbering in tunnel;
- (19) Furnishing and installing 23,000 lbs. of steel tunnel-liner plates;
- (20) Drilling 200 l.f. of ground holes in tunnel;
- (21) Laying 948 l.f. of 15-in. to 36-in. diam. concrete pipe;
- (22) Installing 2,450 lbs. of 24-inch diameter metal pipe;
- (23) Installing 9,950 lbs. of gates;
- (24) Installing 4,750 lbs. misc. metal-work.

Work will commence in thirty days and be completed within 450 calendar days.

Plans and specifications may be obtained from the above office without charge to bidders. Others, deposit, \$3 per copy, not returnable. * 23

BIDS WANTED

ALL-AMERICAN CANAL.—Until May 24, 10 A. M., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., under Spec. No. 766, for construction of structures, station 1898-00 to station 3416-40, All-American Canal and station 21-68.41 to station 95-83, New Briar canal, All-American Canal system, Boulder Canyon Project. The work is located from 4 to 32 miles east of Calexico, Calif.

Work involves:

- (1) 129,500 c.y. excavation;
- (2) 64,650 c.y. backfill;
- (3) 18,400 c.y. compacting backfill;
- (4) 1,500 sq. yds. dry-rock paving;
- (5) 5,670 c.y. concrete;
- (6) Placing 626,300 lbs. of reinforcement bars;
- (7) Installing 900 l.f. of rubber water stops;
- (8) Installing 720 sq. ft. of elastic joint-filler material;
- (9) Laying 248 l.f. of 24-in. and 30-in. dia. concrete pipe;
- (10) Erecting 117 MFMB of timber in structures;
- (11) Erecting 522 l.f. of No. 156 and No. 228 metal flume;
- (12) Installing 223,700 lbs. of gates and appurtenances;
- (13) Installing 29,000 lbs. of metal work and
- (14) Installing electrical metal conduit and conductors.

Plans and specifications obtainable from the above office. * 23

BIDS WANTED

ALL-AMERICAN CANAL.—Until May 23, 10 A. M., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Arizona, under Spec. No. 765, for construction of Drop No. 1 and Coachella turnout, station 1905-70, All-American Canal, Boulder Canyon Project. The work is located about 18 miles west of Yuma, Arizona.

Work involves:

- (1) 13,500 c.y. of excav., for struc.;
- (2) 4,200 c.y. of compacted embankment;
- (3) 1,400 c.y. of compacted subbase;
- (4) 18,000 c.y. of backfill;
- (5) 750 sq. yds. of dry-rock paving;
- (6) 920 c.y. of riprap;
- (7) 830 c.y. of evrse filters;
- (8) 4,900 c.y. of concrete;
- (9) Placing 735,000 lbs. of reinforcement bars;
- (10) Installing 2,575 l.f. of rubber water stops;
- (11) Installing 2,100 sq. ft. of elastic joint-filler materials;
- (12) Drilling 210,000 lbs. of steel sheet piling;
- (13) Installing 57,000 lbs. of metal pipe, fittings and valves;
- (14) Installing 115,500 lbs. of gates and appurtenances;

- (15) Installing 36,700 lbs. of miscellaneous metalwork;
- (16) Constructing 4.5 MFMB of timber railings;
- (17) Installing 1,400 l.f. of electrical metal conduit, and
- (18) Installing electrical conductors, ground wires, and apparatus.

Plans and specifications obtainable from the above office. * 23

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of misc. equipment were opened by the State Highway Department. The bids were taken as follows: (1) one 220-c.f. compressor; (2) one sheep's foot tamper; (3) one 2½-in. pump. Equipment is for use in Ventura, between Fillmore and the east Ventura county line for approximately 15 to 20 working days.

The bids were:

- Smith Booth Usher Co.: (1) 220 ft. Schramm, 1937, \$125 per week; (2) no bid; (3) Jaeger 2-P, 1938, \$25 per week.

- Geo. J. Bock Co.: (2) McCaffrey, 1936, \$22.50 per week.

- R. E. Campbell: (1) Rix, 1936, \$135; (2) McCaffrey, \$45 per week; (3) 1934 \$75 per week.

- Pneumatic Mchy. Co.: (1) Gardner-Denver, 1936, \$90 week; (2) and (3) no bids.

- A. S. Vinnell Co.: (2) McCaffrey, 1936, \$30 per week; (3) 4-in. Rex, 1937 \$30 per week.

- Brown-Beyis Equip. Co.: (1) Ingersoll-Rand, 1934, \$132 week; (2) Barnes, 1937, \$15 per week.

- Crook Co.: (1) 2-stage Sullivan, 1937, \$100 week; (2) 8-ft. double Southwest, 1937, \$50 week.

- Dimmitt & Taylor: (1) 1-R, 1930, \$125; (2) McCaffrey, 1931, \$30 week; (3) F-M, 1930, \$25 week.

- Garlinghouse Brothers, Inc.: (1) Worthington, 1938, \$125 week; (2) Noble HS-3, \$30 week. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of shovels, tractors, bulldozers, etc., for use in Ventura county, or 15 to 20 working days, opened by the State Highway Dept., Los Angeles. The bids were taken as follows: (1) one 1½-c.y. power shovel; (2) one ¾-c.y. power shovel equipped for pile driving; (3) one ½-c.y. truck-shovel; (4) one to two 90-100-h.p. tractor-bulldozers; (5) one to two 70-70-h.p. tractor-bulldozers; (6) one 40-50-h.p. tractor-bulldozers; (7) one motor grader, with 12-ft. blade; (8) one oil mixer; (9) one 8-ton tandem roller.

Geo. J. Bock Co.: (2) Lorain 40, 1937, \$8.80 hour; (3) Northwest, 1938, \$6.75 hour; (5) 60-70-h.p. Caterpillar and Le Tourneau bulldozer, 1936, \$6.70 per hour.

- Ralph O. Dixon: (2) Northwest 105, \$9.15 hour;

- Ventura Transfer Co.: (5) 75 A-C 1934, \$6.50 hour; one 65 A-C, 1938, \$6 per hour.

- Oswald Bros.: (4) Caterpillar, 1937, \$12 hour; (7) one Austin, 1926, \$9 hr.

- (9) Kelly-Springfield, 1932, \$4 hour.

- Silva & Hill Const. Co.: (5) 2 A-C, 1935, \$7 per hour each.

- Griffith Co.: (1) Lima, 1936, \$8.50 per hour.

- Pacific Crane & Rigging, Inc.: (2) P & H rebuilt, 1937, \$7.50 hr.; (3) Universal Lorain, 1934, rebuilt, 1937, \$7;

- (4) RD-8 Caterpillars, 1938, \$7.50 ea.; (5) one Caterpillar, 1934, \$7 per hr.;

- (6) Caterpillar 50, 1935, \$6.

- A. S. Vinnell Co.: (1) 1½-yard Northwest rebuilt, 1936, \$7.74; (4) 2 Caterpillars, 1936 and 1938, \$7.94 ea.;

(5) one Caterpillar, 1937, \$6.49; (7) one Austin-Western, 1937, \$4.49.
 Dennis Inv. Corp.: (5) A-C, 1938, \$5.20; (6) A-C, 1938, \$4.85 hour.
 Gogo & Rados: (7) Caterpillar Diesel, 1937, \$5.90 hour.
 Dimmitt & Taylor: (1) 1-yd. Link-Belt, \$8 hour; (2) one 1-yard Link-Belt, \$8 hour; (5) Caterpillar, 1930, \$6.00 hour.
 B. G. Carroll: (5) RD-7 Caterpillar, 1937, \$5.84 hour.
 B. W. Kuhn Co.: (2) Northwest 25 crane and pile driving clam, \$9 hour; Northwest rebuilt, \$9.50 per hour.
 R. E. Campbell: (2) Koehring, 1937 \$9.00 per hour.
 Clare Schweitzer: (2) P & H built prior to 1934, \$7.90 hour.
 Albert J. Kiss: (2) Lorain 40, 1936, \$7.75 per hour. * 25

BIDS WANTED

BERKELEY, Alameda Co., Calif.— Until May 10, 10 a. m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing one 1½- to 2-ton truck with cab.
 Specifications obtainable from the above office. * 25

BIDS OPENED

SAN BERNARDINO, Calif.—Bids for rental of track type diesel or gas tractor with bulldozer and one full diesel type tractor with "Trackson" type sideboom pipe layer, together with tractor drivers, were opened by State Highway Dept., San Bernardino. Bids received on:
75-HP. TRACK TYPE TRACTOR WITH BULLDOZER

- (1) transportation to and from San Bernardino (flat price, round trip);
 - (2) rental rate per hour for track type tractor, bulldozer & driver;
 - (3) stand-by rate per hour for same.
- 46-H. P. FULL DIESEL TRACK TYPE TRACTOR WITH 74-INCH GAUGE SIDEBOOM PIPE LAYER**
- (4) transportation to and from San Bernardino (flat price, round trip);
 - (5) operating rental rate per hour;
 - (6) stand-by rate per hour.

The bids were:
 Stroud-Seabrook—(1) \$100, (2) \$25, (3) \$150, (4) \$100, (5) \$4.10, (6) \$150.
 Gunther & Shirley—(1) \$150, (2) \$60, (3) \$1.
 R. E. Hazard & Sons—(1) none, (2) \$4.97, (3) none.

Triangle Rock & Gravel Co.—(1) no charge, (2) \$5.25, (3) no charge.
 Carl G. Bliss—(1) \$50, (2) \$5.80, (3) \$1.50.
 Beebe & Bailey—(1) (2) \$5.15, (3) \$1, (4) \$100, (5) \$6.20, (6) \$2.
 Dimmitt & Taylor—(1) \$45, (2) \$5.50, (3) \$1.50.
 C. G. Willis & Sons—(1) \$70, (2) \$5.49, (3) \$0.25.
 Wilbur Cole—(1) \$100, (2) \$5.75, (3) \$1.00.
 Ventura Transfer Co.—(1) \$60, (2) \$6, (3) \$2.00.
 Sibley & Hill Constr. Co.—(1) \$75, (2) \$6.75, (3) \$2.00.
 S. D. Bechtel Co.—(4) \$50, (5) \$5.95, (6) \$1.25.
 John Murillo—(1) \$90, (2) \$7.50, (3) \$3.25, (4) \$75, (5) \$6.50, (6) \$2.25.
 Geo. K. Thompson—(1) \$150, (2) \$7, (3) \$2.00.
 Lindgren & Swinerton—(4) \$60, (5) \$4.20, (6) \$2.25. * 25

BIDS OPENED
SAN BERNARDINO, Calif.—Following bids submitted to the Division of Highways, San Bernardino, for furnishing equipment as follows:
 (A) 2-yd. shovel with trucks;
 (B) 1½-yd. shovels with trucks;
 (C) 2½-yd. shovels without trucks;
 (D) 2½-yd. shovels with trucks;
 (1) operating rate for one 2½-c.y.

min. capacity power shovel, inc. operator;
 (2) stand-by rental rate for power shovel;
 (3) transportation of shovel to and from San Bernardino (flat price, round trip);
 (4) operating rental rate per hr. per truck under power loading;
 (5) do under hand loading;
 (6) stand-by rental rate per hr. per truck;
 (7) transportation for each truck to and from San Bernardino (flat price, round trip).

Bids follow:
 Triangle Rock & Gravel Co.: (A) (1) \$10.75; (4) \$3.50; (5) \$2.90; (6) \$1.70; (B) (1) \$7.45; (4) \$2.85; (5) \$2.60; (6) \$1.35.
 R. G. Willis and H. A. Tallingham: (B) (1) \$5.50; (2) \$3.30; (3) \$150; (4) \$2.85; (5) \$2.35; (6) \$1.30.
 Gunther & Shirley and S. Edmondson: (B) (1) \$9; (2) \$4.75; (4) \$3.45; (5) \$2.90; (6) \$1.70.
 J. R. McKnight: (A) (1) \$11.90.

Pacific Crane & Rigging Co.: (C) (1) \$12; (2) \$5; (3) \$4.29.
 J. F. Pierce: (B) (1) \$6.50; (2) \$2.50; (3) \$2.40; (4) \$2.85; (5) \$2.35; (6) \$2.50; (B) (1) \$6; (2) \$2; (3) \$2.40; (4) \$2.85; (5) \$2.35; (6) \$1.35.
 Griffith Co.: (C) (1) \$12; (2) \$3; (3) \$3.50.
 W. E. Callahan and Gunther and Shirley: (C) (1) \$10.90; (2) \$5; (3) \$50.
 W. C. Cole: (A) (1) \$9; (2) \$2.30; (4) \$4.85; (5) \$2.90; (6) \$1.70; (C) (1) \$9; (2) \$2.30; (4) \$1.70; (5) \$2.30; (4) \$4.85; (5) \$2.90; (6) \$1.70.
 Carl Bliss: (B) (1) \$5.17; (3) \$150; (4) \$2.85; (5) \$2.35; (6) \$1.35.
 Ralph O. Dixon: (C) (1) \$10; (2) \$10; (3) \$150.
 C. J. Willis & Son: (B) (1) \$6, \$6, \$6; (2) \$150, \$150, \$150; (3) \$70; (4) \$2.85, \$2.85, \$2.85; (5) \$2.35, \$2.35, \$2.35 (6) \$1.35, \$1.35, \$1.35.

A. S. Vinnell and Robt. E. Griffith (B) (1) \$4.99, \$6.49; (4) \$2.85, \$2.85; (5) \$2.35, \$2.35; (6) \$1.35. * 25

CONTRACT AWARDED
LOS ANGELES, Cal.—Bert Calvert, at \$5.25 per hour (total \$23,625) was awarded the contract by the U. S. Engineer Office, Los Angeles, under Invit. 434, for rental of three crawler type cranes. Discount 1% 30 days. * 25

BIDS OPENED
LOS ANGELES, Cal.—Bids for the rental of equipment were opened by the State Highway Dept., Los Angeles. Bids were taken on the following items: (1) one 99-100-h.p. tractor bulldozer; (2) two 90-100-h.p. tractors with carryalls; (3) one 60-70-h.p. tractor with bulldozer and carryall; (4) one to two motor graders, 10 or 12-ft. blades; (5) one 8-ton tandem roller; (6) one 1-c.y. shovel; (7) one ¾-c.y. shovel; (8) one ½-c.y. truck shovel. The bids were:
 Case Const. Co., (7) ¾-yd. shovel, Lorain, 1936, \$7 per hour.
 E. L. Yeager: (7) ¾-yd. Lorain, 1938, \$10 per hour.
 Denni Inv. Corp.: (3) 60-70-h.p. tractor with bulldozer and carryall A-C, 1938, \$7.25 per hour.
 H. W. McKinley: (1) Cletrac 80, D36, \$8.50 per hour; (2) 2 Caterpillars, 1936, \$9 per hour each; (3) one Caterpillar, 1937, \$6.50 per hour; (4) one Caterpillar grader, 1936, \$6.50.
 A. S. Vinnell Co.: (1) two Caterpillars, 1936 and 1938, \$7.49 per hour each; (2) one Caterpillar, 1938, \$7.49 hour; (3) one Caterpillar, 1937, \$6.29 per hour; (4) two Austin-Western, 1937, \$4.49 hour; (6) one Northwest rebuilt, 1936, \$7.49 per hour.

Pacific Crane & Rigging, Inc.: (1) one RD-8 Caterpillar, 1936, \$7.50 hr.; (2) two RD-8 Caterpillars, 1936, \$8.50 per hour each; (6) one Link-Belt rebuilt, 1937, \$8; (7) one P & H rebuilt 1937, \$7.50; (8) one Universal Lorain 1934, rebuilt 1937, \$7.00.
 Claude Fisher Co. Ltd.: (3) 60 Caterpillar, rebuilt, 1938, \$6.25 hour; (7) one Northwest, 1934, \$6.95.
 Gogo & Rados: (4) one Caterpillar Diesel, 1937, \$5.40 per hour.
 Geo. J. Bock Co.: (8) one Northwest, 1938, \$5.90 per hour.
 R. A. Doty: (8) one Lorain, 1938, \$7.75 per hour.
 J. F. Pierce: (7) No. 3 Northwest, rebuilt, 1938, \$6.95.
 Minnis & Moody: (1) one RD-8 Caterpillar, 1937, \$7.47 per hour; (2) 2 RD Caterpillars, 1937, \$7.97 per hr.; (7) one Lorain 40, ¾-yd., 1937, \$7.00 per hour.
 Frank T. Hickey: (7) Lorain 40, 1937, \$6.45 per hour.
 Clair Schweitzer: (7) P & H, \$6.50 per hour.
 Vido Kovacevich: (3) one Caterpillar, 1937, RD-8, \$7.80 per hour, and one 60-h.p. tractor with McMillan scraper, \$5.80 per hour; (5) Kelly-Springfield 8-ton tandem, \$3.75 per hour. * 25

per hour each; (6) one Link-Belt rebuilt, 1937, \$8; (7) one P & H rebuilt 1937, \$7.50; (8) one Universal Lorain 1934, rebuilt 1937, \$7.00.

April 28, 1938.
OPENING DATE ADVANCED
BERKELEY, Alameda Co., Calif.— Until May 3, 10 a. m. (date advanced from May 10), bids will be received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing one 1½- to 2-ton truck with cab over engine.
 Specifications obtainable from the above office. * 25

BIDS OPENED
SAN FRANCISCO.—Don Gilmore, Van Ness and Golden Gate Avenues, at \$1079.55, submitted the low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-133, for furnishing one 1-ton manufacturer's rental stake body motor truck. The only other bidder was General Motors, Division of Yellow Truck, San Francisco, at \$1200. * 25

BIDS WANTED
GUSTINE, Merced Co., Cal.—Until May 14, 10 a. m., bids will be received by the Directors of the Gustine Drainage District, Justice Court, Gustine, Merced County, for pumps to be used in drainage wells. Three wells have been completed, according to Engineer Frank Davis. In all, seven wells will be sunk instead of the initial six first planned.
 Specifications from the above office. * 25

BIDS OPENED
SAN MATEO and Santa Cruz Cos., Cal.—Bids were submitted to State Division of Highways, Col. Jno. H. Skeggs, District Engineer, 211 State Bldg., San Francisco, for rental of one 32-h.p. crawler type tractor with a "Hoist" or equal ½-c.y. hydraulic hoist shovel attachment for approx. 500 hours' use in San Mateo and Santa Cruz counties, as follows:
 O. V. Freeman, Palo Alto..... per hr. \$4.00
 Calif. Equip. Co., S. F..... 4.00
 Central Trucking Co., Oakland. 4.23
 Palo Alto Road Materials Co., Palo Alto 4.40
 A. Soda & Son, Oakland 5.49
 W. H. Taibot Trucking Co., Albany 7.625
 Bids taken under advisement. * 25

CONTRACT AWARDED
SANTA BARBARA, Calif.—Standard Dredging Corp., 325 Central Bldg., Los Angeles, at \$121,800, awarded the contract by the U. S. Engineer Of-

force, Los Angeles, for dredging 580,000 cu. y. at Santa Barbara Harbor and depositing the dredged material along 5000 feet of beach. Circ. Prop. 318.

BIDS OPENED

SAN BERNARDINO, Calif.—Bids for the rental of power shovels and dump trucks, for use in San Bernardino and Riverside counties, were opened by the State Highway Dept., San Bernardino.

- The bids were taken as follows:
- (1) operating rate per hr for 3/4-c.y. shovel, incl. operator;
 - (2) stand-by rental rate per hr for shovel;
 - (3) transportation of shovel to and from San Bernardino (flat price, round trip);
 - (4) operating rate per hr per truck under power loading;
 - (5) operating rate per hr per truck under hand loading;
 - (6) stand-by rental rate per hr per truck;
 - (7) transportation for each truck to and from San Bernardino (flat price, round trip).
- 1-2-C.Y. SHOVEL**, with from two to four 3-cu. ft. dump trucks:
- (1) operating rate per hr for 1/2-c.y. shovel, incl. operator;
 - (2) stand-by rental rate per hr for shovel;
 - (3) transportation of shovel to and from San Bernardino;
 - (4) operating rental rate per hr per truck under power loading;
 - (5) operating rental rate per hr per truck under hand loading;
 - (6) stand-by rental rate per hr per truck;
 - (7) transportation for each truck to and from San Bernardino.

The bids were:

- 3/4-YD. POWER SHOVEL**
- E. L. Yeager—(1) \$5.40, (2) \$1.50, (3) \$50.00, (4) \$2.60, (5) \$2.10, (6) \$0.75, (7) \$5.00.
- L. J. Woodruff**—Incomplete.
- E. M. Hawley—(1) \$5.50, (2) \$1.50, (3) \$90, (4) \$2.50, (5) \$2.00.
- E. L. Fleming and H. K. Smith—(1) \$4.80, (2) \$1.50, (3) \$235, (4) \$2.60, (5) \$2.10, (6) \$1.25, (7) \$1.00.
- Western Trucking Co., Inc., and C. G. Willis & Sons—(1) \$6.50, (2) \$1.50, (3) \$200, (4) \$2.60, (5) \$2.10.
- E. P. Watson—(1) \$5.30, (2) \$1.50, (4) \$2.60, (5) \$2.10.
- Owl Truck & Materials Co.**—Incomplete.
- R. E. Hazard & Son—(1) \$5.20, (3) \$100, (4) \$2.60, (5) \$2.35.
- Price Co.**—Incomplete.
- Paul E. Nallor—(1) \$5.49, (2) \$1.50, (4) \$2.60, (5) \$2.10, (6) \$0.75.
- C. V. Clark, Jr.—(1) \$7.00, (2) \$3.00, (3) \$75, (4) \$2.60, (5) \$2.35, (6) \$1.25, (7) \$10.
- K. O. Holte—(1) \$5.90, (2) \$1.00, (4) \$2.60, (5) \$2.35.
- 1/2-C.Y. POWER SHOVEL**
- Jesse Hubbs—(1) \$2.89, (4) \$2.18, (5) \$1.78.
- Geo. J. Bock Co.—(1) \$4.75, (2) \$2.50, (3) \$40, (4) \$2.18, (5) \$1.78, (6) \$1.00, (7) \$10.
- Rock & Gravel Trucking Co.**—(1) \$6.00, (2) \$1.00, (3) \$100, (4) \$2.00, (5) \$2.50, (6) \$0.68, (7) \$50.
- Paul E. Nallor—(1) \$4.85, (2) \$1.00, (3) \$150, (4) \$2.18, (5) \$1.78, (6) \$0.68.
- Mark L. Hart—(1) \$5.50, (3) \$40, (4) \$2.18, (5) \$1.78.
- K. O. Holte—(1) \$3.75, (2) \$1.00, (4) \$2.18, (5) \$1.78.
- H. M. Jones—(1) \$2.75, (3) \$40, (4) \$2.18, (5) \$1.78. 25

BIDS OPENED

SAN LUIS OBISPO—Bids for the rental of one 1100-gal. or more capacity oil distributor with approximately 2100-gal. capacity tank trailer, for intermittent use in San Luis Obispo and Santa Barbara Counties,

were opened by the State Highway Dept., San Luis Obispo, April 19.

The bids were:

R. E. Snow, 222 E. Alvin St., Santa Maria—(1) oil distributor, \$4.50; (2) tank trailer, \$1.50.

Paul J. Ralph, 246 W. Branch St., Arroyo Grande—(1) \$4.50; (2) \$3.00.

Bert Hale, P.O. Box 732, Pismo Beach—(1) \$6.00; (2) \$1.20.

J. J. Hergert, Gaviota—(1) \$5.25; (2) \$2.50. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Contracts of rental of four-cy. batch trucks, Inv. 441, were awarded by U. S. Engineer, Los Angeles, April 22, as follows (6 each): Herb M. Smith, \$1.66 hours, total, \$14.940; disc. 10% 10 days, H & H Contr. Co., \$1.73 hour, total, \$14,791.50; disc. 5% 30 days, G. R. Haines, \$1.85 hour, total, \$16,500; disc. 12% 10 days; A. A. Edmondson, \$1.70 hour, total, \$15,300; disc. 2% 10 days. * 25

CONTRACT AWARDED

FORT MCDOWELL, Calif.—Jenison Machinery Co., 900 Tennessee St., San Francisco, at \$98.75, awarded contract by the Purchasing and Contracting Office, Fort McDowell, Calif., under Bid No. QM-536-38-24, for furnishing one gasoline engine operated concrete mixer of 7 cu. ft. capacity, trailer type, equipped with pneumatic tires; f.o.b. Dock No. 1, Port Mason, Calif. * 25

BIDS OPENED

KENDRICK PROJ., Wyo.—Following bids were submitted to the Bureau of Reclamation, Denver, under Spec. No. 1054-D, for furnishing and delivering carrier-current, telephone apparatus for installation in the Guernsey power plant, North Platte Project, Nebraska-Wyoming. Apparatus will be installed by the government.

Westinghouse Elec. & Mfg. Co., Denver, Colo.—\$1465; wt. 500 lbs. fob Guernsey; 750 lbs. fob Casper (Sch. two).

General Electric Co., Schenectady, N. Y.—(Sched. One): \$3,694; 450 lbs. fob Guernsey; 360 lbs. fob Casper; (Sched. Two): \$1321; 220 lbs. fob Guernsey; 870 lbs. fob Casper; Combination, \$4700.

Bids taken under advisement. * 25

BIDS WANTED

GUSTINE, Merced Co., Calif.—Until May 14, 10 A. M. (as previously reported) bids will be received by the Gustine Drainage District, Nellie J. Whner, Secretary, Justice's Courtroom, Gustine, for furnishing eight drainage pumps and motors, each pump consisting of a deep well turbine pump direct connected to a vertical electric motor, together with full electric control apparatus, concrete foundations and all proper wiring, etc.

Plans and specifications may be obtained from Engineer Frank Davis, 2325 Dwight Way, Stockton, upon deposit of \$5, returnable to bidders. t.)

BIDS OPENED

SA NMATEO and Santa Cruz Cos., Cal.—Following bids were received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for rental of one 3/4 to 1-c.y. capacity crawler type power shovel, with suitable trailer, for moving assignments, and 4 pneumatic tired dump trucks, capacity not less than 4 cu. y., for use with shovel for approx. 500 hours in San Mateo and Santa Cruz counties. Split bids were not accepted.

Shovel (S); Trucks (T);

Rock & Gravel Trucking Co. and

Adams Const. Co.: (S) \$6.40; (T) \$2.85.

Brown Ely Co., Oakland: (S) \$7.25; (T) \$3.15.

C. E. Huls, Merced: (S) \$7.00; (T) \$3.15.

L. C. Smith and C. W. Beguhl, San Mateo: (S) \$6.65; (T) \$3.15.

Chas. Hoyer and C. W. Beguhl, Burlingame: (S) \$7.00; (T) \$3.15.

M. P. Cunha and C. W. Beguhl, Half Moon Bay: (S) \$6.00; (T) \$3.15.

Williams Bros. & Haas and C. W. Beguhl, San Francisco: (S) \$6.93 (T) \$3.15.

Eaton & Smith and C. W. Beguhl, San Francisco: (S) \$8; (T) \$3.15.

L. C. Karstedt and C. W. Beguhl, Watsonville: (S) \$7.90; (T) \$3.15.

Bids taken under advisement. 25

BIDS OPENED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$537.50, submitted the low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-140, for rental of one dragline excavator, convertible, 1 1/2-c.y. capacity, equipped with boom, not less than 50 feet long, with operator for use at Fort Funston.

Complete bids follow:

Eaton & Smith, San Francisco—\$107.95 per hour; total, \$537.50.

W. E. Karstedt, San Jose—\$12.00; total, \$600. * 25

CONTRACT AWARDED

ALL-AMERICAN CANAL—Calif. Western Foundry Co., Portland, at \$4252.74, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 1048-D, for furnishing and delivering four 736-ft. slide gates, four 23,400-lb. capacity gate holsts, one 3-ft. 6-in. by 3-ft. 6-in. cast-iron slide gate, one 3255-lb. capacity gate hoist and one cast-iron stem guide for installation in the Siphon Drop and Walapai lateral turnouts, All-American Canal, All-American Canal System, Boulder Canyon Project; Job shipping point and/or Yuma, Ariz. Materials will be installed by the Government. 25

29—STREETS AND HIGHWAYS

BIDS OPENED

POMONA, Calif.—G. O. Gartz, 121 W 6th St., Los Angeles, submitted the low bid to Pomona city council April 26 at \$22,878 for improving eight Ave. 152. Reservoir St. and Towne Ave., about 0.5 mile, involving 193,400 sq. ft. of 6-in. cement concrete pavement, including grading. The unit pipe was 17c sq. ft. The other bids were:

Match Bros., Elsinore: 18.28c sq. ft.; total, \$35,353.52.

Griffith Co., 19.98c sq. ft.; total, \$36,707.32.

Geo. R. Curtis Paving Co., 19.98c sq. ft.; total, \$38,467.26.

Los Angeles Paving Co., 20c sq. ft.; total, \$38,680.

C. R. Butterfield, 20.3 c sq. ft., total, \$39,260.20.

C. F. Robbins, 21c sq. ft., total, \$40,614.

E. L. Fleming: 21.3 c., total, \$41,194.20.

A. H. B. Carter, 22c sq. ft., total, \$42,548.

Gogo & Rados, 23.3c sq. ft., total, \$45,449. 29

BID DATE POSTPONED

YERBA BUENA SHOALS.—Until May 5, 3 p.m. (date postponed from April 28), bids will be received by

the S. F. Bay Exposition, 585 Bush St., San Francisco, under Contract No. 180, for construction of service roads on Yerba Buena Shoals.

Plans and specifications obtainable from the above office. * 29

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Jones & King, Jackson St., Hayward, at \$282,703.05, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.9 mi. grading and paving with asphalt concrete and constructing a reinforced concrete bridge between Coyote and Llagas Creek, Santa Clara Co., Cal. * 29

CONTRACT AWARDED

SAN CARLOS, San Mateo Co., Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at approximately \$10,000, submitted low bid to and was awarded contract by Geo. A. Kneese, 2382 Broadway, Redwood City, for grading, paving and sewer construction in San Carlos. The job was a private contract, and no further information will be released. * 29

CONTRACT AWARDED

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Inc., Bin No. 9, Watsonville, at \$17,040, awarded contract (subject to State approval) by Santa Cruz City Council, City Hall, Santa Cruz, for reconstructing Mission Street from Younglove Ave. to the City Limits.

The only other bid was submitted by Lee J. Immel, Berkeley, at \$19,144. * 29

CONTRACT AWARDED

LOS ANGELES, Calif.—Warren Southwest, Inc., 2145 E 25th Street, was awarded contract by Los Angeles board of public works April 20 at \$63,752.19 for grading, paving and otherwise improving Olympic Blvd. between Alvey west of Bonnie Brae St. and Hoover St., a cash contract. * 29

LOW BIDDERS

HOOD RIVER CO., Ore.—Alex Besoloff Co., Seattle, at \$49,988.90, submitted the low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for constructing or improving approximately 1.136 miles highway, Columbia River Highway Reconstruction Grading Project, 28-B1C, Oregon National Forest Road Project, Hood River County, Oregon.

Three low bids follow:
Alex Besoloff Co., Seattle.....\$49,988.90
McNutt Bros., Eugene, Ore. 50,333.80
Elliott & Co., Inc., Seattle..... 51,033.00
Complete bids shortly. * 29

CONTRACT AWARDED

GLENN CO., Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$17,411, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with gravel base and road-shoulders on about 3 1/2 miles on Elk Creek Road, between 7 miles west of Willows and 10 1/2 miles west of Willows, Glenn Co., Cal. * 29

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., San Francisco, at \$23,652.18 was awarded the contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing 3.3 miles

of redwood curbs, installing a water supply line, widening shoulders, constructing parking areas and applying penetration oil treatment to east approach to the San Francisco-Oakland Bay Bridge between the Distribution Structure and Univesity Ave., Alameda County. * 29

CONTRACT AWARDED

KERN CO., Cal.—G. W. Ellis, 8240 Lankershim Blvd., North Hollywood at \$54,294 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and placing plant-mix surfacing on about 8.3 miles between southerly boundary and five miles north of Rosamond, Kern Co. * 29

CONTRACT AWARDED

SAN DIEGO CO., Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at \$1057.50, awarded contract by State Highway Dept., San Diego, for application of diesel oil to roadside vegetation for distance of 68.9 roadside miles in San Diego County, involving (1) 450 bbls. diesel oil. * 29

CONTRACT AWARDED

IMPERIAL CO., Calif.—R. E. Hazard & Son, P. O. Box 1438, San Diego, awarded contract by the State Highway Dept., Los Angeles, at \$10,933.90, for highway construction in Imperial County, between 4 miles east of Brawley (XI-Imp-201-B), furnishing & spreading gravel at various locations over a gross distance of 9.8 miles. * 29

CONTRACT AWARDED

MENDOCINO CO., Cal.—Poulos & McEwen, Sacramento, at \$82,550.00, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Pub. Works Bldg., Sacramento, for about 1.5 mi. grading and surfacing with untreated crushed gravel or stone surfacing between one-half mile north of McCoy Creek and Piercy, Mendocino County, Calif. * 29

CONTRACT AWARDED

LASSEN CO., Calif.—Poulos & McEwen, Sacramento, at \$106,534.90, awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.4 mi. grading and surfacing with plant-mixed surfacing between Nubieber and 8 1/2 miles northeast of Bieber, Lassen Co. * 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$452, submitted low bid and was awarded contract by the City of San Jose, John J. Lynch, City Clerk, City Hall, San Jose, for paving and otherwise improving a portion of Market Street, between Bassett and Santa Clara Sts.; Project 13 in San Jose.

The only other bidder was A. J. Raisch, San Jose, at \$4960.60. * 29

TOTAL BIDS

HOOD RIVER CO., Ore.—Alex Besoloff Co., Seattle, Wash., at \$49,988.90, submitted the low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for constructing or improving approximately 1.136 miles highway, Columbia River Highway Reconstruction Grading Project 28-B1C, Oregon National Forest Road Project, Hood River County, Ore.

Total bids follow:
Alex Besoloff Co., Seattle.....\$49,988.90

McNutt Bros., Eugene, Ore..... 50,333.80
Elliott & Co., Inc., Seattle..... 51,033.00
Berke Bros., Inc., Carson, Wash..... 54,291.00
J. C. Papin, Carson, Wash..... 54,857.80
Pacific Constr. Co., Portland 55,514.15
Theo. Arenz, Portland..... 58,630.60
Jacobson Jensen Co., Portland 61,505.30
Joplin & Eldon, Portland..... 65,910.00
Sam Orino, Portland..... 67,573.00
Leonard & Slate, Multnomah 68,720.00
Clifford A. Dunn, Klamath Falls 69,879.00

A. C. Greenwood Co., Inc., Portland 70,003.40
Kern & Kibbe, Portland..... 70,705.00
Siems Spokane Co., Spokane 81,204.00
C. T. Malcom, Portland..... 90,542.30
L. Romano Engrg. Corp., Seattle 147,968.00
Award recommended to low bidder. * 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raisch Co., 358 Lincoln Ave., San Jose, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for improvement of portions of crossing of Fifth Street at Mission Street.

The work involves:
(1) 5943 sq. ft. asphalt conc. base, grading, etc.;
(2) 36 lf. 8-in. VCP storm drain;
(3) 1 storm water inlet.
Unit bids follow (no totals were submitted):
(A) A. J. Raisch Co., San Jose.
(B) Union Paving Co., San Francisco

(1).....	\$	16	.....	\$	17
(2).....	.....	2.00	.....	.....	1.00
(3).....	.....	50.00	.....	.....	40.00

* 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raisch Co., 358 Lincoln Ave., San Jose, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for improvement of Royal Street from the south line of Auzerai Ave. to a line parallel thereto and distant south 560 ft.

The work involves:
(1) 17,640 sq. ft. asphalt concrete base, grading, etc.;
(2) 1400 sq. ft. asphalt conc. wearing surface;
(3) 18 lf. VCP sewer laterals;
(4) 1 ton asphalt for driveway ramp.
Unit bids follow (no totals were submitted):
(A) A. J. Raisch Co., San Jose.
(B) Union Paving Co., San Francisco

(1).....	\$	35	.....	\$	15
(2).....	.....	.05	.....	.....	.07
(3).....	.....	.70	.....	.....	.50
(4).....	.....	15.00	.....	.....	15.00

* 29

BIDS WANTED

STANISLAUS CO., Cal.—Until May 18, 2 P. M., bids will be received by the Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 5.5 miles grading and paving with Portland cement concrete and asphalt concrete, and constructing reinforced concrete bridges between Modesto and Sahida in Stanislaus County.

The work involves:
(1) 304 sta. clear and grub;
(2) 1,582 M. gals. water;
(3) 10,000 c.y. rdwy. excav., unclass.
(4) 1,445 c.y. struc. excav.;
(5) 1,070 c.y. ditch and channel excavation;
(6) 1,130 sta. vds. overhaul;
(7) 3,300 cu. y. imported borrow;
(8) 55 c.y. remove existing concrete

- (9) 76,080 sq. yds. prepare subgrade;
- (10) 304 sta. finish rdwy.;
- (11) 8,060 tons of untreated crushed gravel or stone surf.;
- (12) 11 tons liquid asph., MC-2 prime coat;
- (13) 58 tons liquid asph., MC-5 or MC-extra heavy plant mix surf.;
- (14) 1,150 tons min. agg., plant mix surf.;
- (15) 9 tons asph. emulsion seal coat and paint binder;
- (16) 76 tons screenings seal coat;
- (17) 86 tons liquid asph. SC-2 penetration oil treatment;
- (18) 135 tons asph. cement asph. concrete;
- (19) 2,665 tons min. agg., asph. conc.;
- (20) 254 c.y. Class A Portland cement conc. struc.;
- (21) 13,150 c.y. Class B Portland cement conc. pave.;
- (22) 26,295 each pavement dowels;
- (23) 6,940 each tie bolt assemblies;
- (24) 117,700 lbs. bar reinf. steel pave. and struc.;
- (25) 10 c.y. riprap;
- (26) 21 lf. 8-in. plain conc. pipe;
- (27) 475 lf. 24-in. plain conc. pipe;
- (28) 40 lf. 8-in. CMP;
- (29) 38 lf. 15-in. CMP;
- (30) 6 lf. 18-in. CMP;
- (31) 108 lf. 24-in. CMP;
- (32) 110 lf. 36-in. CMP siphons;
- (33) 198 lf. 42-in. CMP siphons;
- (34) 1 each 30-in. concrete joint pipe siphons;
- (35) 3 each 36-in. concrete joint pipe siphons;
- (36) 8 each 42-in. concrete joint pipe siphons;
- (37) 84 lf. existing pipe culverts removed, cleaned and salvaged;
- (38) 28 lf. existing CMP culverts removed, cleaned and relaid;
- (39) 4 each cast steel frames and covers for drop inlets;
- (40) 390 lf. timber hand railing;
- (41) 700 lf. laminated guard railing;
- (42) 34 each culvert markers and guide posts;
- (43) 20 miles new property fences;
- (44) 10 each drive gates;
- (45) 3 each walk gates;
- (46) 8 sections single lane pavement crossing devices type A-12;
- (47) 12 do, type B-12;
- (48) 74 each monuments.

ALTERNATIVE ITEMS

ALTERNATIVE A

- (49) 1,120 lf. furnish precast conc. piles;
- (50) 32 each precast concrete piles; ALTERNATIVE B
- (51) 1,120 lf. furnish cast in place conc. piles, type not requiring mandrel;
- (52) 32 each driving steel shells, type not requiring mandrel; ALTERNATIVE C
- (53) 1,120 lf. furnish cast in place conc. piles, mandrel type;
- (54) 32 each driving steel shells, mandrel type.

NOTE: A bidder is required to submit a bid on one Alternative and may, but is not required, to submit bids on all the alternatives. The contract will be awarded to the lowest responsible bidder for the work as a whole irrespective of the alternative on which his bid is based. Specifications obtainable from the above office. 29

April 28, 1938.

BIDS OPENED

TEHAMA CO., Calif.—N. M. Ball Sons, 852 Carmel, Albany, at \$41,625, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 0.5 mile grading and paving with Portland cement concrete and road-mix surfacing on crusher run base at Red Bluff, Tehama Co. Work involves:

- (1) 810 M. gals. water;
- (2) 1,250 c.y. rdwy. excav., unclass.;
- (3) 180 c.y. struc. excav.;
- (4) 10 c.y. ditch and channel excav.;
- (5) 46,350 c.y. imported borrow;
- (6) 250 c.y. top soil;
- (7) 375 c.y. remove concrete;
- (8) 1,810 sq. yds. prepare subgrade;
- (9) 16 sta finish rdwy.;
- (10) 925 c.y. crusher run base;
- (11) 10 tons liquid asph. ROMC-3 or FOMC-4, prime coat;
- (12) 675 c.y. min. agg. road mix surf.
- (13) 43 tons liquid asph. ROMC-3 or ROMC-4 road mix surf.;
- (14) 4 tons liquid asph. ROMC-3 or ROMC-4, seal coat;
- (15) 50 c.y. sand seal coat;
- (16) 360 c.y. Class A Portland cement conc. pave.;
- (17) 750 each pavement dowels;
- (18) 2,900 lbs. bar reinf. steel pave. and struc.;
- (19) 12 c.y. Class A Portland cement conc. struc.;
- (20) 6 each cast steel frames and covers for drop inlets;
- (21) 240 lf. 18-in. CMP;
- (22) 220 lf. remove and salvage existing pipe;
- (23) 8 lf. 4-in. vit. clay pipe;
- (24) 13 lf. 3/4-in. galv. iron or steel water pipe;
- (25) 735 lf. 1-in. do;
- (26) 102 c.y. Class A Portland cement conc. sidewalks, curbs and gutters;
- (27) 17 each guide posts;
- (28) 21 each move and reset guide posts;
- (29) 19 each monuments;
- (30) 1 each adjust manhole;
- (31) remove existing bridge.

Total bids follow:
 (A) N. M. Ball Sons, Albany—\$41,625.00
 (B) J. F. Knapp, Oakland—\$53,642.
 (C) Johnston Rock Co., Inc., Stockton—\$54,235.05.

Unit bids follow:

	(A)	(B)	(C)
(1).....	\$2.00	\$1.00	\$1.50
(2).....	1.00	.50	.40
(3).....	2.00	2.00	1.00
(4).....	1.50	2.00	1.00
(5).....	.32	.40	.55
(6).....	2.00	1.00	1.25
(7).....	4.50	3.00	2.00
(8).....	.20	.20	.06
(9).....	5.00	10.00	10.00
(10).....	3.00	3.00	4.25
(11).....	25.00	30.00	20.00
(12).....	3.00	3.00	4.25
(13).....	25.00	30.00	20.00
(14).....	25.00	30.00	25.00
(15).....	3.00	3.00	4.00
(16).....	13.00	10.00	14.00
(17).....	.20	.20	.12
(18).....	.10	.06	.07
(19).....	30.00	30.00	30.00
(20).....	55.00	50.00	30.00
(21).....	2.50	2.50	1.50
(22).....	1.00	1.00	.50
(23).....	1.00	1.00	.40
(24).....	1.00	.50	.25
(25).....	.70	.50	.30
(26).....	17.00	22.00	35.00
(27).....	3.00	3.00	4.00
(28).....	1.00	2.00	2.50
(29).....	3.00	3.00	4.00
(30).....	15.00	50.00	10.00
(31).....	5500.00	16500.00	7000.00

BIDS WANTED

SAN FRANCISCO.—Until May 11, 2:30 p.m., bids will be received by the Dept. of Public Works, William H. Worden, Director, Room 251, City Hall, under Spec. No. 19111, for reconstructing and widening Third St., from Howard to Channel Sts., by reducing sidewalks to ten feet, construction of concrete parking lanes, and resurfacing roadway. Estimated cost, \$77,000. The work involves:
 (1) 4,600 lf. stone curb reset;
 (2) 1,100 sq. ft. stone curb redressed;
 (3) 800 lf. armored concrete curb;

- (4) 900 lf. new granite curb in place (6-in. tangent);
 - (5) 52 each, brick catchbasins, moved and reconstructed;
 - (6) 1 each, brick catchbasin, reconstructed with manhole frame & cover;
 - (7) 3 each, brick catchbasins, complete;
 - (8) 80 lf. 10-in. VCP culvert, in place;
 - (9) 9 each, manhole frames and covers installed;
 - (10) 22 each, low pressure fire hydrants moved;
 - (11) 13 each, high pressure fire hydrants moved;
 - (12) 4,000 lbs. furnish cast iron pipe for high pressure hydrants;
 - (13) 1000 lbs. furnish cast-iron specials;
 - (14) 1,000 lbs. furnish cast steel specials;
 - (15) 1,500 lbs. furnish lead;
 - (16) 30 c.y. high pressure hydrant excavation;
 - (17) 2,100 lbs. wrought iron bolts, nuts and washers;
 - (18) 10 each, street and traffic signs reset;
 - (19) 5 each, electric traffic signals relocated;
 - (20) 8 each, police and fire alarm boxes relocated;
 - (21) 6 each, electroliners relocated;
 - (22) 8,000 lf. 1 1/2-in. conduit, in place;
 - (23) 120,000 sq. ft. asphaltic wearing surface removed;
 - (24) 30,000 sq. ft. pavement base removed;
 - (25) 47,000 sq. ft. 8-in. Class "E" 5-sack concrete pavement, parking lane;
 - (26) 1,900 tons asphaltic conc. wearing surface, in place;
 - (27) 1,500 tons asphaltic conc. base course, in place;
 - (28) 7,000 sq. ft. 7-in. Class "F" four-sack concrete pavement base;
 - (29) 1,000 each, new cross-walk markers, in place;
 - (30) 16,500 sq. ft. two-course conc. sidewalk;
 - (31) 650 c.y. Class "E" 5-sack conc. pavement base, in place.
- Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10 in cash. *

CONTRACT AWARDED

SAJ JOSE, Santa Clara Co., Calif.—Wilson Paving Co., 212 Babcock Bldg., San Francisco, at \$6815.61, submitted low bid and was awarded contract by the City of San Jose, John J. Lynch, City Clerk, City Hall, San Jose, for improving a portion of Bassett St., between First St. and Market St.; Proj. No. 12 in San Jose. The only other bidder was A. J. Raisch, San Jose, at \$6895.45. * 29

LOW BIDDERS

PHOENIX, Maricopa Co., Ariz.—Arizona Sand & Rock Co., Box 1522, Phoenix, \$7,813.29, submitted the low bid to the Phoenix City Commission, City Clerk, City Hall, Phoenix, for the improvement of certain portions of Fifth Ave., from Holy St. to Encanto Blvd., Phoenix, Ariz. Other bidders include: Daley Corp., San Diego, \$9,082.80 W. E. Hall Constr. Co., Phoenix, 9,596.55 Complete bids shortly. * 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch Co., 358 Lincoln Avenue, San Jose submitted the low bid and was awarded the contract by the City Council of San Jose, John J. Lynch, City Clerk, City Hall, San Jose, for the improvement of portions of Davis St., from the west line of Park Ave. to the center line of Bascom Ave., San Jose.

The work involves:

- (1) 63,380 sq. ft. asph. conc. base, grading, etc.;
- (2) 2200 sq. ft. Portland cement concrete gutter;
- (3) 1098 lin. ft. curb;
- (4) 4332 sq. ft. sidewalk;
- (5) 66 lin. ft. 8-in. Portland cement concrete storm drain;
- (6) 20 lin. ft. 4-in. VCP sewer laterals;
- (7) 414 lin. ft. 6-in. VCP main sewer;
- (8) 2 brick manholes;
- (9) 65 lin. ft. 12-in. Portland cement concrete sewer mains;
- (10) 35 lin. ft. 14-in. Portland cement concrete storm drains.

Unit bids follow (totals were not submitted):

	(A)	(B)
(1)	\$0.16	\$0.165
(2) .....	.18	.120
(3) .....	.50	.45
(4) .....	.16	.15
(5) .....	.90	1.00
(6) .....	.70	.50
(7) .....	.70	no bid
(8)	60.00	65.00
(9)	1.10	1.50
(10)	1.20	1.80
	*	29

30—RESERVOIRS & DAMS

April 28, 1938

BID OPENING POSTPONED

MARION CO., Ore.—Until May 3, 3 P. M. (date postponed from April 27), bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-479, for the construction of approximately 5,500 feet of rock riprap revetment at Weston Bend in Horseshoe Lake District Improvement Co.; and 6,200 feet of rock riprap revetment at Ditmars Bend in Ditmars Bend District Improvement Co., Marion County; and for clearing, blank sloping, gravel excavation and gravel filling along the Willamette River 60.0 and 68.5 miles, respectively, above mouth of the river.

Work involves:

Section A—Weston Road

- (1) 5 acres bank clearing;
- (2) 8200 c.y. bank sloping;
- (3) 18,700 c.y. gravel excavation;
- (4) 11,100 c.y. gravel fill;
- (5) 32,500 c.y. riprap rock, in place.

Section B—Ditmars Bend

- (6) 5 acres bank clearing;
- (7) 10,000 c.y. bank sloping;
- (8) 19,900 c.y. gravel excavation;
- (9) 13,100 c.y. gravel fill;
- (10) 35,000 c.y. riprap rock, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

April 28, 1938

BID OPENING POSTPONED

POLK CO., Oregon.—Until May 3, 3 P. M. (date postponed from April 27), bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-477, for bank clearing, bank sloping, gravel filling and gravel excavation in connection therewith and the construction of approximately 2900 feet of rock riprap revetment located in the Eola Bend District Improvement Co., Polk County.

Work involves:

- (1) 2 acres bank clearing;
 - (2) 3600 c.y. bank sloping;
 - (3) 9600 c.y. gravel excavation;
 - (4) 700 c.y. gravel fill;
 - (5) 15,000 c.y. rock riprap, in place.
- Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

BIDS WANTED

SAN FRANCISCO.—Until May 11, 3 P. M., bids will be received by the

Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy War Supply Contract No. 175 for constructing concrete walks, water services, electric services and sewer services at Moccasin and Priest.

The work involves:

- (1) 100 c.y. excavation;
- (2) 1300 c.y. grading;
- (3) 120 c.y. gravel surf. on roads;
- (4) 4400 sq. ft. concrete walls;
- (5) 55 c.y. concrete walls, stairs, etc.
- (6) 1000 lbs. reinforcing steel;
- (7) fences, lump sum;
- (8) fire protection system at Moccasin, lump sum;
- (9) drainage system for Moccasin cottages, lump sum;
- (10) sewer system for Priest cottage, lump sum;
- (11) water supply system at Priest, complete except work included in items 12, 13 and 14, lump sum
- (12) 4200 lf. 1½-in. pipe line;
- (13) 230 lf. 2-in. pipe line;
- (14) 1000 lf. 3-in. pipe line;
- (15) electric supply systems at Moccasin and Priest, lump sum.

Plans and specifications obtainable at Room 605, 425 Mason Street, San Francisco, upon deposit of \$10.00. * 30

BIDS WANTED

COLORADO RIVER PROJECT.—Until June 6, 2 P. M., bids will be received by the Indian Irrigation Service, 340 Eighth and Figueroa Bldg., Los Angeles, for construction of a diversion dam on the Colorado river at Leadgate Rock, approx. one mile above Parker Ariz., the Colorado River project. Plans call for a rolled earth fill dam, a portion of which will be in Arizona and a portion in California. The dam is to be 45-ft. above the river bed; total crest length 1450 ft.; excavation for the foundation will be 35 ft. below the river bed. The spillway will be constructed through the Arizona abutment of the dam, bottom width 245 ft.; depth of excavation from 12 to 135 ft. Excavation will be approx. 1500 ft. long, 550 of which will be concrete lined. Included in the contract will be 2000 ft. of concrete lined canal, bottom width 26 feet, average depth of excavation 80 ft. The dam will be constructed from materials excavated from spillway and canal with the exception of a small amount of borrow and fine materials. Borrow probably will be adjacent to dam site. In addition to the dam and spillway a protective barrier will be constructed about 850 ft. downstream. This will consist of lower fill protected by a heavy blanket of rock riprap. Flow thru the spillway will be controlled by 7 20x30-ft. radial gates and two 15x20-ft. gates. Flow through the canal will be controlled by two 12-ft. 6-in. x 20-ft. radial gates. The contractor is to furnish everything except radial gates, hoists and all metal and electric materials and equipment. The right to supply cement and reinforcing steel is reserved by the government providing option is exercised prior to date of order for contractor to proceed.

Approximate quantities are:

- (1) lump sum diversion and care of river during construction;
- (2) 80,000 c.y. stripping borrow pits and gravel pits;
- (3) 70,000 c.y. borrow;
- (4) 600,000 c.y. excav. for dam;
- (5) 170,000 c.y. do for pilot channel;
- (6) 800,000 c.y. common excav. spillway and canal;
- (7) 1,100,750 c.y. conglomerate excavation spillway and canal;
- (8) 200,000 c.y. rock excav.;

- (9) 5000 c.y. trench excav.;
- (10) 5000 c.y. struc. excav.;
- (11) 700,000 c.y. compacted earth fill;
- (12) 4000 c.y. backfill;
- (13) 50,000 sq. yds. preparation of the earth foundation;
- (14) 30,000 c.y. riprap dam;
- (15) 22,000 c.y. riprap protective barrier;
- (16) 25,000 c.y. gravel blanket on dam and protective barrier;
- (17) 1000 c.y. gravel placed for drains
- (18) 15,000 c.y. concrete spillway lining;
- (19) 3000 c.y. concrete cutoff;
- (20) 4500 c.y. concrete piers;
- (21) 1500 c.y. concrete pier footings;
- (22) 1700 c.y. concrete operating and highways constr.;

- (23) 500 c.y. ogee section;
- (24) 55 c.y. conc. control house;
- (25) 250 c.y. concrete spillway, misc.;
- (26) 2200 c.y. concrete canal heading;
- (27) 4000 c.y. concrete canal lining;
- (28) 190 c.y. float drainage wells;
- (29) 600,000 lbs. install radial gates;
- (30) 200,000 lbs. install radial gate hoists;
- (31) 18,000 lbs. furnish and install hand rail;
- (32) 8000 lbs. install pumps and metal work in float and drainage wells
- (33) 225,000 lbs. install misc. metal work;
- (34) 62,000 lbs. install cast iron drainage pipes;
- (35) 8700 lf. install elec. conduit;
- (36) 13 each install flood lights;
- (37) 23 outlets install control house lights;
- (38) 1060 lbs. install metal work control house.

Plans and specifications will be obtainable from the above office on and after May 1; \$5.00 deposit, not returnable. * 30

CONTRACT PENDING

LOS ANGELES, Calif.—Northcutt Ely, Attorney for the Los Angeles Bureau of Power and Light, has announced that the Interior Department has tentatively approved contracts for a third circuit from Boulder Dam to Los Angeles and delivering delivery of power to the Metropolitan Water District until June 1 of 1940. Drafts of the contracts have been sent to the governors and members of Congress of the seven Colorado River Basin States with request for comment. The contracts will become effective upon signing by Secretary of the Interior Harold Ickes. The contract obligates the city to increase the capacity of its transmission facilities by 150,000 kilowatts, and to take an additional 700,000,000 kilowatt hours of Boulder power annually with adjustments for a three-year absorption period commencing Dec. 1, 1939. The attorney stated that the city has \$12,000,000 cash on hand with which to build the third circuit and would repay the government the \$5,000,000 cost of additional generating machinery in 50 annual payments instead of the ten as provided in the original lease. A proposed new contract with the Metropolitan Water District provides for use of power in kilowatt hours over a 15-year period, starting June 1, 1940. * 20

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS REJECTED

LOS ANGELES, Cal.—All bids for construction of the Los Angeles river crossing of the Newell St. sewer (relocation) were rejected by the Los Angeles county supervisors. Work will be done by day labor (WPA) under the supervision of C. H. Howell, chief engineer of the Los An-

geles County Flood Control District. The bids were opened April 12, at which time low bid amounted to \$22,012. * 32

BIDS WANTED

YERBA BUENA SHOALS.—Until May 9, 3 P. M., bids will be received by the San Francisco Bay Exposition, 585 Bush St., San Francisco, under Contract No. 148, for construction of outfall sewers.

Plans and specifications will be available April 27 at 2 P. M. from the above office. * 32

COST ESTIMATED

SANTA PAULA, Cal.—H. N. Jenks Berkeley, consulting engineer, reported to the Santa Paula city council that the proposed sewage disposal plant will cost between \$50,000 and \$75,000; the trunk line and extensions about \$50,000; and the new site, \$15,000. The city council in company with the consulting engineer inspected the Oxnard and Camarillo State Hospital disposal plants. * 32

33— WATER WORKS

BIDS WANTED

LOS ANGELES, Calif.—Until May 10, 10 A. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for sale of portions of construction water system extending from Big Morongo Well to junction of Little Morongo 6-in. line, involving 16,250 ft. of 5-in. pipe, two 3-in. and one 5-in. heavy gate valves, one 5-in. heavy check valve. Bid SM 490. * 33

BIDS WANTED

MOFFETT FIELD, Santa Clara Co., Cal.—Until May 11, bids will be received by the Constructing Quartermaster, Moffett Field, for construction of a water supply line.

Estimated cost of the project is \$112,000. * 33

BIDS OPENED

YERBA BUENA SHOALS.—M. J. Lynch, San Francisco, at \$3,443.00 submitted the low bid to the San Francisco Exposition Co., 585 Bush St., San Francisco, under Contract No. 182 for pipe line changes, Aves. 104 and K.

Bids were taken under consideration. * 33

BIDS OPENED

PHOENIX, Ariz.—Scott Coburn, 1760 Yale St., Phoenix, at \$16,592.50, submitted the low bid to the Maricopa Reservoir and Power Co., Phoenix, for drilling five water wells.

Total bids follow:
Scott Coburn, Phoenix, \$16,592.50
Western Well Drilling Co., Phoenix, 21,075.00

Roscoe Moss Co., L. A., 21,405.00
Bids taken under advisement. * 33

BIDS WANTED

COALINGA, Fresno Co., Calif.—Until May 2, 5 p.m., bids will be received by the City Council, Ethel R. McCroskey, City Clerk, Coalinga, for furnishing a desilter or sand trap which shall consist of a self-contained metal housing equipped with a sand blow-off, and a desilting trap, or sand removal unit.

The desilter shall have a maximum capacity of 1000 g.p.m. It shall be capable of removing 95% of 200-mesh silt.

Bids will be opened at 7:30 p.m. Specifications obtainable from the above address. A skeleton copy of specifications are on file at the office of Daily Pacific Builder. * 33

SACRAMENTO CO.—CONCRETE BRIDGE—(State)

SACRAMENTO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at \$63,452, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge and about 3.1 miles grading and surfacing with crusher run base and armor coat between Ben Ali and U. S. Air Depot, Sacramento County.

Work involves:

- (1) Clear and grub;
- (2) 725 M. gals. water;
- (3) 12,200 c.y. rdwy. excav., unclass.
- (4) 1,450 c.y. struc. excav.;
- (5) 450 c.y. ditch and channel excav.
- (6) 51,000 sq. ft. surf.;
- (7) 21,300 c.y. imported borrow;
- (8) 165 sta. finish rdwy.;
- (9) 13,390 tons crusher run base;
- (10) 43 tons liquid asph. SC-2 prime coat;
- (11) 1,700 tons screenings armor coat;
- (12) 88 tons liq. asph. 90-95, armor coat;
- (13) 104,000 lbs. bar. reinf. steel;
- (14) 4,300 lbs. misc. iron and steel;

- (15) 670 c.y. Class A Portland cement conc. struc.;
- (16) 556 lf. furnish steel piles;
- (17) 36 each drive steel piles;
- (18) 45 c.y. Class A Portland cement conc. slope paving;
- (19) 172 lf. 18-in. CMP;
- (20) 54 lf. 42-in. CMP;
- (21) 3 lf. 42-in. CMP;
- (22) 305 lf. remove and relay pipe culverts;
- (23) 80 lf. laminated guard railing;
- (24) 470 lf. timber railing;
- (25) 16 each culvert markers.

Total bids follow:

- (A) Teichert & Son, Inc., Sacramento, \$63,452.00.
- (B) Piazza & Huntley and Valley Const. Co., San Jose, \$66,700.75.
- (C) J. R. Reeves, Sacramento, \$66,803.30.
- (D) Union Paving Co., San Francisco, \$66,844.50.
- (E) Claude C. Wood, Stockton, \$70,659.94.
- (F) Parrish Bros., Los Angeles, \$75,777.85.
- (G) J. A. Casson, Hayward, \$77,600.05.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$500.00	\$1000.00	\$250.00	\$1000.00	\$300.00	\$700.00	\$350.00
(2)	1.00	1.25	2.00	1.50	1.00	1.25	1.25
(3)	.16	.22	.18	.18	.20	.25	.25
(4)	1.00	1.00	1.50	1.00	1.50	1.00	2.00
(5)	.50	.40	.50	.60	.75	1.00	1.50
(6)	.005	.007	.01	.005	.005	.01	.01
(7)	.16	.30	.30	.25	.35	.35	.35
(8)	5.00	5.00	5.50	5.00	4.00	8.00	5.00
(9)	1.23	1.50	1.55	2.00	1.92	2.10	1.95
(10)	20.00	12.00	15.00	14.00	13.50	14.00	15.00
(11)	2.90	2.35	2.50	2.25	2.62	2.60	3.10
(12)	21.00	18.00	18.00	16.00	16.40	20.00	24.00
(13)	.05	.055	.055	.05	.055	.06	.06
(14)	.15	.225	.17	.10	.18	.15	.15
(15)	19.00	21.50	22.00	17.00	19.50	20.00	23.00
(16)	2.00	2.00	1.85	2.00	1.94	2.00	2.00
(17)	25.00	22.50	20.00	20.00	23.00	20.00	20.00
(18)	17.50	17.00	12.00	15.00	15.00	16.00	14.00
(19)	2.00	2.00	1.90	2.00	2.00	1.80	2.00
(20)	3.00	3.00	2.85	3.00	2.60	3.00	2.70
(21)	6.50	6.75	6.25	7.00	5.80	8.00	6.50
(22)	1.00	.80	1.50	.80	.80	1.50	1.00
(23)	1.00	2.00	1.50	1.50	1.10	1.75	1.00
(24)	1.25	3.00	1.00	2.00	1.75	1.25	2.00
(25)	2.50	3.00	3.00	3.00	2.50	2.00	3.00

BIDS WANTED

COALINGA, Fresno Co., Calif.—Until May 2, 5 p.m. (as previously reported), bids will be received by the City Council, Ethel K. McCroskey, City Clerk, Coalinga, for the furnishing of a desilter or sand trap which shall consist of a self-contained metal housing equipped with a sand blow-off, and a desilting trap, or sand removal unit.

1. Details of Design: The details of design, construction, and fabrication shall conform in character of materials, and workmanship shall be the highest of engineering and shop practice for this type of equipment. The thickness of all materials shall be such that the stresses produced under maximum working conditions will not exceed 18,000 pounds per square inch.

2. Metal Housing or Container: Shall be made of welded steel plate and with standard dish or semi-elliptical head. All to be designed for a maximum water working pressure of 100 pounds per square inch, and shall be hydraulically tested to twice the maximum water working pressure.

3. Desilting Trap or Sand Removal Unit: Shall be constructed of sheet metal.

4. Size and Capacity: The Desilter shall have a maximum capacity of

1000 g.p.m. It shall be capable of removing 95 per cent of 200-mesh silt.

5. Painting: All exposed metal surfaces shall be cleaned and given one shop coat of red lead and oil; enough Inertol, or equal, shall be furnished to give the equipment two coats of paint in the field.

6. Guarantee: The manufacturer shall warrant the above equipment against all defects of material or workmanship under normal use, and service for a period of three months from date of starting and not more than one year after date of shipment. The manufacturer shall replace any defective part f.o.b. its works without charge.

7. The desilter shall be installed to the satisfaction of Superintendent of Public Works except that the city will make the intake and outflow connections to the main. All bids must state date of completion of above installation.

Said proposals will be opened by the City Council at its regular meeting on the above specified date at 7:30 p.m.

Bids shall be f.o.b. Coalinga, accompanied by a certified check or bond in an amount of not less than 10% of the aggregate bid, made payable to the City of Coalinga, and must include all state taxes and other legal fees. * 33

34— PARKS AND PLAY-GROUNDS

BIDS REJECTED

SALINAS, Monterey Co., Calif.—Bids for construction of tennis courts in Central Park, Salinas, have been rejected by the City Council upon recommendation of City Engineer Donald Davis, Jr. The Council instructed the city engineer to prepare new specifications.

Low bidder was Granite Constr. Co., at \$132, for one court, and \$2,213 for two courts. Second lowest bidder was Ray A. Kallam, at \$1254 and \$2458. * 34

April 22, 1938

BIDS REJECTED

WATSONVILLE, Santa Cruz Co., Calif.—Procurement Division, Public Bldgs. Branch, Washington, D. C., has rejected all bids received by the Custodian of the building for seeding the grounds of the U. S. P. O. at Watsonville. 34

BIDS REJECTED

GRASS VALLEY, Nevada Co., Cal.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids for landscape work at the U. S. P. O. at Grass Valley, as bids were in excess of the amount available.

Walter A. Hoff, Palo Alto, submitted low bid at \$472.

BIDS OPENED

SACRAMENTO, Calif.—Reliable Elec. Works, 1831 Q St., Sacramento, at \$1669, submitted the low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for installation of floodlighting system at Grant Park, to be located in block, 21st, B and C Streets, Sacramento.

Complete bids follow:
 Reliable Elec. Works, Sacto.....\$1669
 Luppen & Hailey, Sacto..... 1746
 Geo. Foss, Sacto..... 1827
 Bids taken under advisement. * 34

35— TUNNELS

BIDS OPENED

NEW YORK CITY.—H. J. Kaiser Co., 1522 Latham Square Bldg., Oakland, bidding with J. F. Shea Co., Inc., 617 S Olive St., Los Angeles, at \$11,971,885, submitted the low bid to the New York Board of Water Supply for constructing 29,140 ft. of 19.5 ft. finished diameter concrete lined tunnel in connection with the Delaware Aqueduct. Contract No. 308.

Mr. Charles Shea is now in New York in connection with the project. 35

April 28, 1938.

BIDS OPENED

SAN FRANCISCO.—Cement Gun Constr. Co., 16 California St., at \$225, submitted the only bid to the Dept. of Public Works, Wm. H. Worden, Director, Room 251, City Hall, San Francisco, for granite repairs to the Taraval Street underpass at Great Highway.

Bid taken under advisement. * 35

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER dwelling, \$625; 1510 Guerrero; owner, A. W. Lee, prem.; contractor, National Roofing and Siding Co., 2172 Market St.
 ALTER apts., \$500; 201, Telegraph Hill Blvd.; owner, Marie Demartini, premises.

ARIZONA—BENSON-STEINS PASS—(State)

ARIZONA.—Packard Contr. Co. 913 W Coronado Road, Phoenix, submitted the low bid to Arizona State Highway Commission, Phoenix, at \$123,091.27 for improvement of the Benson-Steins Pass Highway, FA 130 B (1938) AFE (8693). The work, which extends from the Arizona-New Mexico state line westerly for 6.1 miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road oil road mix) and is to be completed on or before December 31. The items are:

- (1) 35,570 c.y. rdwy. excav., unclass.
- (2) 4,209 c.y. drainage excav., unclassified;
- (3) 7,450 l.f. grader ditches;
- (4) 2,306 c.y. strucc excav., unclass.;
- (5) 36,698 sta. yds. overhaul;
- (6) 2,618 c.y. pile haul;
- (7) 41,923 c.y. imported borrow, CIP
- (8) 56,547 c.y. select material, CIP;
- (9) 19,293 tons agg. base course, CIP
- (10) 5,182 M. gals. sprinkling, CIP;
- (11) 4,102 hours rolling;
- (12) 1,651 c.y. Class A concrete, including cement;
- (13) 196 c.y. of Class D concrete, including cement;
- (14) 216,340 lbs. reinf. steel, bars, CIP
- (15) 4,740 lbs. struc. steel, CIP;
- (16) 262 l.f. 18-in. CMP (CIP except excav.);
- (17) 1,056 l.f. 24-in. CMP (do);
- (18) 62 l.f. 30-in. CMP (do);
- (19) 618 l.f. 36-in. CMP (do);
- (20) 35 c.y. plain riprap (CIP);

- (21) 51,230 l.f. standard line fence (CIP);
- (22) 12 standard wire gates, type 2 (CIP);
- (23) 100 l.f. rail bank protection, type A, (CIP);
- (24) 575 l.f. do, type B (CIP);
- (25) 105 guide posts (CIP);
- (26) 42 right of way markers, type A (CIP);
- (27) 10,710 tons mineral aggregate (CIP);
- (28) 135,394 gals. road oil (SC-2) for road mix (CIP on road);
- (29) 6,130 miles processing road mix;
- (30) lump sum, processing and hauling road mix for stockpile.

The total bids were:
 (A) Packard Contr. Co., Phoenix: \$123,091.27.
 (B) Skousen Bros., Albuquerque, N. M.: \$126,405.23.
 (C) Warren Southwest, Inc., Los Angeles, \$128,800.43.
 (D) Lee Moor Contr. Co., El Paso: \$130,479.02.
 (E) W. E. Orr, Prescott, Ariz.: \$133,068.60.
 (F) W. E. Hall Const. Co., Phoenix: \$134,712.67.
 (G) Daley Corp., San Diego: \$137,184.96.
 (H) Phoenix-Tempe Stone Co., Phoenix: \$139,646.40.
 (I) L. R. Allison, Albuquerque: \$156,319.21.
 (J) H. J. Hagen, Globe, Ariz.: \$156,661.46.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 18	\$ 21	\$ 20	\$ 24	\$ 22	\$ 15	\$ 28	\$ 22	\$ 40	\$ 25
(2)	18	25	25	24	25	15	175	22	40	20
(3)	.05	.05	.05	.05	.05	.05	.06	.025	.06	.05
(4)	.80	.75	1.00	.70	.80	.75	.60	.95	.75	1.00
(5)	.01	.02	.015	.01	.01	.01	.02	.0125	.02	.02
(6)	.25	.20	.25	.20	.25	.30	.12	.23	.25	.30
(7)	.24	.27	.24	.25	.24	.27	.19	.24	.25	.30
(8)	.24	.27	.25	.27	.30	.27	.18	.24	.30	.30
(9)	.45	.45	.50	.48	.45	.48	.55	.53	.45	.50
(10)	1.00	1.15	1.35	1.00	1.50	1.50	1.60	1.60	1.50	3.00
(11)	2.50	2.25	2.65	3.00	2.50	3.00	2.75	3.25	3.00	4.00
(12)	18.00	15.75	18.00	18.00	18.95	19.00	19.70	22.00	21.00	20.00
(13)	18.50	19.00	18.00	18.00	18.95	20.00	22.60	22.50	35.00	22.00
(14)	.05	.046	.05	.0475	.05	.05	.055	.05	.055	.05
(15)	.12	.13	.13	.16	.12	.20	.175	.13	.15	.13
(16)	2.00	1.90	1.65	1.75	1.70	1.75	1.65	1.75	2.00	2.00
(17)	2.50	2.75	2.50	2.60	2.45	2.75	2.55	2.50	3.00	2.75
(18)	3.25	3.40	3.15	3.50	3.50	3.25	3.50	3.50	4.00	4.00
(19)	5.00	5.00	4.80	5.00	5.00	5.00	5.00	4.75	5.50	5.50
(20)	3.00	5.00	2.50	4.00	2.50	3.00	4.50	1.75	12.00	5.00
(21)	.07	.065	.06	.06	.065	.07	.07	.07	.07	.07
(22)	25.00	7.00	6.00	5.00	6.60	5.00	7.00	12.00	5.00	15.00
(23)	2.50	3.50	2.75	3.00	3.00	3.00	5.00	3.25	5.00	3.00
(24)	1.50	2.00	1.50	2.40	1.50	2.00	4.50	2.00	3.50	2.50
(25)	2.00	2.00	2.10	2.50	2.50	2.00	2.00	2.50	3.00	3.00
(26)	2.00	3.00	2.75	2.60	2.50	2.50	2.25	2.50	4.00	3.00
(27)	.40	.50	.50	.55	.45	.55	.58	.63	.60	.50
(28)	.06	.065	.064	.065	.063	.066	.07	.06	.075	.07
(29)	400.00	500.00	360.00	400.00	450.00	500.00	520.00	250.00	500.00	750.00
(30)	250.00	500.00	350.00	400.00	300.00	500.00	500.00	300.00	500.00	1000.00

CLARK CO., NEV.—CONSTRUCT HIGHWAY—(State)

CLARK CO., Nev.—J. A. Casson, 319 Warren St., Hayward, at \$21,857.35, submitted low bid to and was awarded contract by the Directors of the Department of Highways of the State of Nevada, Heroes' Memorial Bldg., Carson City, Nev., for the construction of approximately 7.34 miles of State Highway from Jean to Good Springs, Route 53, Section A, Clark County, Nevada. Work involves:

- (1) 85 c.y. drainage excavation;
- (2) 21,138 tons gravel surface;
- (3) 76 tons liquid asphalt (type MC-2), (seal coat);
- (4) 490 tons liquid asphalt (type SC-2), (roadmix);

- (5) 7,095 miles roadmix (20-ft. surf.);
- (6) 0.240 mile roadmix (40-ft. surf.);
- (7) 82 l.f. 24-in. CMP, in place;
- (8) 64 each, culvert markers.

Total bids follow:
 (A) J. A. Casson, Hayward — \$21,857.35.
 (B) Gibbons & Reed Co., Salt Lake City—\$22,450.74.
 (C) Dodge Construction Co., Inc., Fallon, Nev.—\$22,611.50.
 (D) Silver State Construction Co., Inc., Fallon, Nev.—\$24,576.74.
 (E) Isbell Const. Co., Reno, Nev.—\$26,809.41.
 (F) Union Paving Co., S. F.—\$38,041.00. Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 0.25	\$ 0.50	\$ 0.50	\$ 1.00	\$ 1.00	\$ 2.00
(2)	.45	.48	.50	.48	.57	1.00
(3)	22.50	21.00	20.00	30.00	26.00	25.00
(4)	14.50	13.00	14.00	16.00	18.00	20.00
(5)	400.00	500.00	400.00	500.00	450.00	600.00
(6)	800.00	1000.00	750.00	1000.00	600.00	800.00
(7)	3.50	4.25	5.00	3.00	3.50	4.00
(8)	3.00	2.50	3.00	3.00	4.00	4.00

ALTER dwelling, \$350; 260 Jersey; owner, H. Tschopp, prem.; contractor, N. J. Lentza, 25 College Terrace.

BILLBOARD, \$25; SW Market and Glendale; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

FLUES, \$200; 495 Corbett; owner, Fernando Nelson & Sons, 2901 19th Ave.; contractor, Portal St. Mt. Wks., 301 West Portal.

ALTER apts., \$200; 1441 Sanchez; owner, Jos. Blesen, 348 Duncan.

ALTER dwelling, \$425; 838 Shrader; owner, John C. Drewes, premises contractor, National Roofing and Siding Co., 2172 Market St.

ALTER flats, \$500; 3437 Fillmore; owner, G. Vlantis, prem.; contractor, Rome Carpenter Shop, 1659 Powell St.

ALTER dwelling, \$500; 320 Roosevelt; owner, Phil Lang, prem.; contractor, Hamill & Maier, 5827 Geary St.

ALTER dwelling, \$25; 839 Libson; owner, Joe Ellis, premises.

ALTER dwelling, \$180; 110 6th Ave.; owner, Adolph Schwartz, prem.; contractor, Nelson Annihilators, 210 Post St.

ALTER dwelling, \$150; 1576 Golden Gate; owner, Margaret Higgins, premises; contractor, Joseph T. Carolan, 2539 27th Ave.

BARBER pole, \$50; 550 Irving St.; owner, Eddy premises; contractor, Fross Elec. Co., 930 Irving.

SIGN, metal, \$89; 1215 Market St.; owner, American Trust Co., 8th & Market St.; contractor, State Sign Co., 308 7th St.

SIGN, electric, \$140; 376 Geary St.; owner, Tiny's Waffle Shop, 376 Geary; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER dwelling, \$400; 8 Montezuma; owner, Virginia Scerri, premises; contractor, National Roofing and Siding Co., 2172 Market St.

ALTER stores, \$900; 540 Mission; owner, Foster and Kleiser Co., 1675 Eddy St.; contractor, Barrett & Hilp, 918 Harrison St.

ALTER dwelling, \$684; 110 Congdon; owner, Mrs. Dunsworth, 995 Pine St.; contractor, E. J. Lehman, 51 Sharon.

ALTER dwelling, \$580; 701 Excelsior; owner, Harold Bel, prem.; contractor, National Roofing and Siding Co., 2172 Market.

GARAGE, 1-story frame, \$100; 45 Randolph; owner, C. Shaves, 170 Andover.

SIGN, electric, \$400; 9 O'Farrell St.; owner, La Parisienne Creators, 9 O'Farrell; contractor, Electrical Prod. Corp., 910 Harrison St.

SIGN, electric, \$125; 1838 Polk St.; owner, Fotis Florists, premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.

BILLBOARD, \$7; E 6th St. 225 N Bryant; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

ALTER hall, \$50; 150 Golden Gate; owner, Knights of Columbus, 150 Golden Gate; contractor, D. C. McCabe, 430 Call Bldg.

ALTER auto service shop, \$75; 2400 Post St.; owner, Chas. Levy, 716 36th Ave.

SIGN, electric, \$120; 754 Market St.; owner, La Parisienne Creators, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER store, \$750; 716 Grant Ave.; owner, Hang Fat Co., premises; contractor, Sam Lee, 113 Waverly Place.

ALTER dwelling, \$150; 150 Chenery; owner, J. Tedsen, premises.

ALTER factory, \$100; 1894 Sutter; owner, UMINO, prem.; contractor, S. Handa, 1864 Sutter St.

ALTER dwelling, \$45; 110 Beverly; owner, M. Richy, 350 Dolores.

SISKIYOU COUNTY—GRADE & SURF.—(State)

SISKIYOU CO., Calif. — Oilfields Trucking Co., Box 751, Bakersfield, at \$95,479.78 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for constructing about 24.1 miles of soil cement base; placing imported surfacing materials on portions of the project and surfacing with road mix surfacing the entire project, between Cougar and MacDoel, Siskiyou County. Work involves:

- (1) 3,050 M. gals. water;
- (2) 24,400 c.y. imported surf. material;
- (3) 960 tons of liquid asphalt, SC-2 prime coat;
- (4) 40 tons of liquid asphalt, SC-1A, prime coat;
- (5) 16,300 c.y. mineral aggregate road mix surf.;

- (6) 1,360 tons of liquid asphalt. ROMC-3 or ROMC-4 road mix surf.;
- (7) 166 tons asphalt emulsion seal coat;
- (8) 4,000 lbs. Portland cement soil cement base;
- (9) 38,750 sq. yds. preparing mix and Total bids follow:
- (A) Oilfields Trucking Co., Bakersfield, \$95,479.78.
- (B) J. A. Casson, Hayward, \$95,703.
- (C) Claude C. Wood, Stockton, \$100,432.00.
- (D) Frederickson & Westbrook, Lower Lake, \$106,332.00.
- (E) Hamnan Co., San Francisco, \$108,577.50.
- (F) Clifford A. Dunn, Klamath Falls Oregon, \$113,322.50.
- (G) Harold Blake, Portland, Oregon, \$134,436.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$1.25	\$1.25	\$1.50	\$1.80	\$1.50	\$1.50	\$2.00
(2)	60	48	43	70	70	60	85
(3)	17.20	19.00	17.00	18.60	20.00	20.50	24.50
(4)	15.87	18.00	16.00	17.40	19.00	19.50	23.50
(5)	.95	.97	1.50	1.20	1.00	1.30	1.80
(6)	22.38	24.50	21.00	23.00	25.00	27.50	25.00
(7)	22.48	25.00	22.50	25.00	25.00	27.50	31.00
(8)	3.42	3.40	3.58	3.50	4.50	3.20	3.00
(9)	.10	.05	.10	.08	.07	.15	.28
(10)	.70	1.25	1.50	2.50	2.50	1.60	4.00

NYE COUNTY—IMPROVE HIGHWAY.—(State)

NYE CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$105,292.46, submitted low bid and was awarded contract by Directors of the Dept. of Highways, State of Nevada, Heroes' Memorial Bldg., Carson City, Nevada, for reconstruction of approximately 12.75 mi. of State Highway from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye County, Nevada.

Work involves:

- (1) 74 acres clearing;
- (2) 372 l.f. remove fence;
- (3) 319 l.f. remove culvert pipe;
- (4) 22 each, remove headwalls (rock);
- (5) 122,788 c.y. roadway excav.;
- (6) 1060 c.y. drainage excav.;
- (7) 167 sta. V type ditches;
- (8) 12,122 c.y. borrow;
- (9) 9,544 c.y. imported borrow;
- (10) 26 sta. slope rounding;
- (11) 114,027 yd. sta. overhaul, yd. sta.
- (12) 1,533 yd. mi. overhaul, yd. mi.;
- (13) 1210 c.y. struc. excav.;
- (14) 2,400 c.y. backfill;
- (15) 12.75 miles subgrade, Type C;
- (16) force account, roadside cleanup;

- (17) 24 M. gals. water;
- (18) 58,066 tons gravel surface;
- (19) 430 c.y. Class A concrete;
- (20) 91 c.y. Class B concrete;
- (21) 47,357 lbs. reinf. steel;
- (22) 36 c.y. mortar rubble masonry;
- (23) 798 l.f. 18-in. CMP;
- (24) 1,306 l.f. 24-in. CMP;
- (25) 72 l.f. 30-in. CMP;
- (26) 436 l.f. 36-in. CMP;
- (27) 170 c.y. grouted hand laid rip-rap;
- (28) 347 l.f. reconstruct fence;
- (29) 60 each, monuments.

Total bids follow:

- (A) Nevada Rock & Sand Co., Inc., Reno—\$105,292.46.
- (B) W. W. Clyde Co., Springville—\$106,207.88.
- (C) Geo. French, Jr., Stockton — \$109,740.40.
- (D) Isbel Constr. Co., Reno—\$109,797.48.
- (E) Utah Constr. Co., Ogden—\$119,867.42.
- (F) Dodge Constr., Inc., Fallon — \$124,711.94.
- (G) Union Paving Co., San Francisco—\$143,782.27.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 7.00	\$ 15.00	\$ 10.00	\$ 16.00	\$ 15.00	\$ 15.00	\$ 80.00
(2)	.10	.05	.04	.05	.04	.05	.10
(3)	1.00	.50	1.00	1.00	.50	1.00	1.00
(4)	2.50	5.00	5.00	5.00	3.00	5.00	10.00
(5)	.28	.33	.29	.30	.37	.37	.33
(6)	.28	.30	1.00	.30	.30	.50	1.25
(7)	5.00	4.00	5.00	5.00	5.00	5.00	6.00
(8)	.28	.25	.25	.30	.24	.25	.40
(9)	.38	.35	.35	.40	.42	.40	.75
(10)	5.00	5.00	5.00	5.00	7.00	10.00	5.00
(11)	.01	.015	.02	.02	.01	.02	.01
(12)	.15	.20	.20	.15	.15	.15	.20
(13)	1.25	1.00	1.50	1.00	1.25	1.50	1.25
(14)	.50	.50	.50	.50	.50	.60	1.00
(15)	100.00	90.00	75.00	100.00	75.00	100.00	150.00
(16)	150.00	150.00	150.00	150.00	150.00	150.00	150.00
(17)	5.00	5.00	5.00	3.00	5.00	5.00	4.00
(18)	.48	.42	.47	.45	.45	.55	.65
(19)	25.00	25.00	25.00	30.00	32.00	27.50	35.00
(20)	26.00	25.00	30.00	30.00	35.00	27.50	35.00
(21)	.07	.06	.07	.07	.08	.07	.08
(22)	17.00	20.00	15.00	15.00	15.00	15.00	20.00
(23)	2.50	1.90	2.50	2.10	2.50	2.50	2.50
(24)	3.50	2.80	3.75	2.90	3.50	3.50	4.00
(25)	4.00	3.75	4.50	3.90	5.00	4.00	5.00
(26)	5.50	5.50	5.50	5.90	6.00	5.50	7.00
(27)	8.00	7.00	10.00	10.00	12.00	12.00	18.00
(28)	.25	.10	.10	.10	.07	.20	.20
(29)	3.00	3.50	3.00	3.50	3.50	3.00	3.00

MADERA COUNTY—GRADE & SURFACE—(State)

MADERA COUNTY, Cal.—Piombro Bros. & Co., 1571 Turk St., San Francisco, at \$329,779, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.9 miles of grading and applying penetration oil treatment between Madera - Friant Road and Kelshaw Corners, Madera County.

Work involves:

- (1) Clear and grub right of way;
- (2) 1,120 M. gals. water;
- (3) 448,000 c.y. rdwy. excav., unclassified;
- (4) 2,300 c.y. ditch and channel excavation;
- (5) 4,750 c.y. struc. excav.,
- (6) 2,100,000 ssa. yds. overhaul;
- (7) 575 sta. finish rdwy.;
- (8) 265 tons liquid asphalt, SC-2;
- (9) 52,400 lbs. bar reinf. steel;
- (10) 405 c.y. Class A portland ce-

- ment conc. struc.;
- (11) 105 c.y. rubble masonry;
- (12) 762 lf. 8-in. CMP, 16-gauge;
- (13) 74 lf. 12-in. do;
- (14) 3,452 lf. 18-in. do;
- (15) 1,412 lf. 24-in. CMP 14-gauge;
- (16) 166 lf. 24-in. CMP 12-gauge;
- (17) 208 lf. 30-in. CMP 14-gauge;
- (18) 144 lf. 30-in. CMP 12-gauge;
- (19) 80 lf. 42-in. CMP 12-gauge;
- (20) 118 lf. 48-in. CMP 12-gauge;
- (21) 284 lf. 48-in. CMP 8-gauge;
- (22) 96 lf. 54-in. CMP 12-gauge;
- (23) 350 lf. 54-in. CMP 8-gauge;
- (24) 220 lf. 105-in. multi-plate CMP, 610-18;
- (25) 37 each spillway assemblies;
- (26) 115 each culvert markers;
- (27) 17.5 mi. type A property fence;
- (28) 1.6 mi. type B property fence;
- (29) 0.5 mi. move and reset property fences;
- (30) 27 each drive gates;
- (31) 180 each monuments.

- Total bids follow:
- (A) Piombro Bros. & Co., San Francisco—\$329,779.
 - (B) Granfield-Farrar & Carlin, San Francisco—\$358,441.50.
 - (C) Geo. C. Thompson Co., Los Angeles—\$369,297.30.
 - (D) Griffith Co., Los Angeles—\$371,634.60.
 - (E) Clyde W. Wood, Los Angeles—\$391,474.30.
 - (F) Geo. Pollock Co., Sacramento—\$392,072.
 - (G) Ralph A. Bell, Monrovia—\$414,037.20.
 - (H) Isbell Constr. Co., Reno—\$421,534.20.
 - (I) Winston Bros. Co., Los Angeles—\$428,321.50.
 - (J) Guy F. Atkinson Co., San Francisco—\$431,114.
 - (K) United Concrete Pipe Corp., Los Angeles—\$448,228.50.
- Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$6000.00	\$2500.00	\$20549.00	\$3000.00	\$12000.00	\$10000.00	\$10000.00	\$5825.00	\$5570.00	\$32000.00	\$20000.00
(2).....	1.50	1.50	1.00	3.00	2.00	1.50	3.50	2.00	1.50	1.50	3.00
(3).....	.54	.59	.59	.627	.64	.64	.677	.72	.71	.67	.64
(4).....	1.50	1.00	1.00	1.40	.64	1.00	1.50	1.00	1.50	1.75	2.00
(5).....	1.70	1.80	1.00	1.60	1.50	2.00	2.00	1.50	2.60	2.50	2.50
(6).....	.004	.007	.005	.006	.005	.006	.005	.005	.005	.005	.002
(7).....	5.00	7.00	8.00	3.50	10.00	7.00	10.00	10.00	12.00	5.00	10.00
(8).....	12.00	16.00	11.00	19.00	15.00	13.00	16.00	16.00	12.00	12.50	25.00
(9).....	.05	.06	.05	.054	.07	.06	.06	.06	.06	.05	.07
(10).....	20.00	24.00	22.00	23.00	22.00	22.00	28.00	30.00	32.00	35.00	30.00
(11).....	12.00	15.00	16.00	12.00	15.00	25.00	24.00	12.00	14.00	14.00	20.00
(12).....	1.00	1.00	1.00	1.00	1.20	1.00	1.20	1.00	1.10	1.25	1.55
(13).....	1.30	1.25	1.30	1.50	1.60	1.50	1.50	1.25	1.50	1.50	1.90
(14).....	1.80	2.00	1.80	1.80	2.20	2.00	2.25	1.75	2.25	2.00	2.80
(15).....	3.00	3.00	2.60	2.70	3.25	3.00	3.10	2.75	3.25	3.00	3.30
(16).....	3.30	4.00	3.40	3.50	4.25	4.00	4.15	3.50	4.60	4.00	3.40
(17).....	3.40	3.50	3.40	3.50	4.25	4.00	4.15	3.65	4.10	4.00	4.20
(18).....	4.30	4.50	4.20	4.50	5.00	5.00	5.00	4.50	5.50	5.00	5.50
(19).....	6.00	6.50	5.70	7.00	7.00	6.50	7.00	6.50	7.60	7.00	7.00
(20).....	7.50	8.00	7.00	7.50	8.00	7.50	8.50	7.50	9.00	8.00	8.00
(21).....	10.50	11.00	9.50	11.00	12.00	11.00	11.50	10.50	13.20	12.00	8.50
(22).....	10.00	10.00	11.40	10.00	10.00	10.00	9.50	9.00	10.60	10.00	10.50
(23).....	13.00	13.50	13.50	13.00	14.00	14.00	15.00	12.50	15.70	14.00	14.00
(24).....	23.00	25.00	38.00	23.00	25.00	24.00	25.00	23.00	30.00	24.00	30.00
(25).....	15.00	15.00	15.00	16.00	20.00	15.00	16.00	20.00	15.00	20.00	15.00
(26).....	3.00	3.00	2.50	2.50	3.00	3.00	3.00	3.50	2.20	3.00	3.00
(27).....	600.00	450.00	600.00	500.00	650.00	700.00	550.00	700.00	600.00	650.00	600.00
(28).....	500.00	750.00	750.00	900.00	750.00	900.00	850.00	1000.00	850.00	900.00	950.00
(29).....	600.00	300.00	400.00	400.00	300.00	500.00	500.00	300.00	550.00	500.00	300.00
(30).....	20.00	20.00	16.00	21.00	25.00	20.00	17.50	25.00	16.50	20.00	20.00
(31).....	3.00	3.00	2.00	3.00	3.00	4.00	4.00	3.50	4.30	3.50	4.00

RIVERSIDE CO.—IMPROVE HIGHWAY—(State)

RIVERSIDE CO., Cal.—R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at \$94,270, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.6 miles grading and paving with asphalt concrete and applying road-mix surface treatment to shoulders and widened areas, between West city limits of Indio and Route 64, Riverside County, Calif.

Work involves:

- (1) clearing and grubbing right of way;
- (2) 1,360 M. gals. water;
- (3) 20 c.y. remove concrete;
- (4) 14,600 c.y. roadway excavation, without classification;

- (5) 353,000 sta. yds. overhaul;
- (6) 140 c.y. struc. excav.;
- (7) 27,300 c.y. import borrow;
- (8) 26,100 sq. yds. preparing sub-grade;
- (9) 139 sta. finishing roadway;
- (10) 38 tons liq. asph., SC-2 (prime coat);
- (11) 310 tons liq. asph., SC-2 (road-mix surface treatment);
- (12) 36,300 sq. yds. preparing, mixing and shaping shoulders;
- (13) 31,750 sq. yds. asphalt paint binder;
- (14) 10,500 tons mineral aggregate asph. conc. base and leveling course;
- (15) 6,200 tons min. aggreg. asph. conc., Type A, surface;

- (16) 875 tons asph. cement asphaltic concrete;
- (17) 44 c.y. Class A portland cement concrete curbs;
- (18) 4 each, manholes adjusted to grade;
- (19) 350 lin. ft. remove and salvaging pipe culverts;
- (20) 22 each, monuments.

- Total bids follow:
- (A) R. E. Hazard & Son.....\$94,270.00
 - (B) V. R. Dennis Const. Co. 99,650.00
 - (C) Griffith Co.99,694.75
 - (D) Oswald Bros.100,948.75
 - (E) W. E. Hall Co.107,547.50
 - (F) United Con. Pipe Corp.111,859.00

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
.....	3.00	0.25	0.04	1.00	0.50	0.08	5.00	9.00	8.50	0.05	0.02	3.10	3.25	12.00	18.00	15.00	0.60	3.00		
.....	1.5	5.00	.28	.003	1.25	.50	10	10.00	8.50	8.50	.045	.02	3.15	3.35	13.50	17.50	10.00	40	2.00	
.....	5.00	.26	.03	1.25	.55	10	5.00	8.00	8.00	.05	.015	3.30	3.45	14.00	17.00	12.00	45	3.00		
.....	5.00	.35	.04	.95	.50	10	5.00	20.00	9.50	.045	.015	3.30	3.75	14.00	16.00	6.00	60	3.00		
.....	6.00	.35	.005	1.00	.58	09	5.00	9.50	9.50	.06	.03	3.45	3.75	14.00	15.00	10.00	1.50	3.00		
.....	3.00	.40	.005	1.00	.70	10	8.00	30.00	10.00	.07	.02	3.40	3.50	14.00	15.00	10.00	1.00	3.00		

"GOOD PRINTING"—an essential part of any well-balanced business.

STARK-RATH PRINTING AND PUBLISHING COMPANY

465 TENTH STREET - SAN FRANCISCO

Telephone Market 7110

SAN BERNARDINO CO.—IMPROVE HIGHWAY—(State)

SAN BERNARDINO CO., Calif.—Claude Fisher Co., Ltd., 2455 E. 55th St., Los Angeles, at \$89,929.50, submitted low bid to the State Div. of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 2.4 miles grading and paving with Portland cement concrete between New Avenue in Redlands and Crystal Springs, San Bernardino County.

Work involves:

- (1) Clearing and grubbing;
- (2) 2,103 M. gals. water;
- (3) 93,800 c.y. rdwy. excav., unclass.
- (4) 1,700 c.y. struc. excav.;
- (5) 5,179,000 sta. yds. overhaul;
- (6) 70 c.y. existing concrete, remove and dispose of;
- (7) 22,700 sq. yds. preparing subgrade;
- (8) 123 sta. finish rdwy.;
- (9) 49 tons liquid asphalt, SC-4, plant mix surf.;
- (10) 990 tons mineral aggregate plant

- mix surf.;
- (11) 194 tons liquid asphalt, SC-2 road mix surf. treatment;
- (12) 22,000 sq. yds. preparing, mixing and shaping shoulders and detours;
- (13) 4,440 c.y. Class B portland cement conc. pavement;
- (14) 40,400 lbs. bar reinf. steel pvc. and struc.;
- (15) 8,300 each pavement dowels;
- (16) 2,320 each pave. tie bolt assemblies;
- (17) 225 lbs. misc. iron and steel;
- (18) 245 c.y. Class A portland cement conc. struc.;
- (19) 230 lf. 8-in. CMP;
- (20) 840 lf. 24-in. CMP;
- (21) 142 lf. 36-in. CMP;
- (22) 32 each spillway assemblies;
- (23) 107 c.y. Class A portland cement conc. curbs and gutters;
- (24) 117 lf. laminated guard railing;
- (25) 145 each guide posts;
- (26) 15 each culvert markers;

- (27) 0.7 mile new property fences;
- (28) 4 each drive gates;
- (29) 900 sq. yds. asphalt paint binder
- (30) 66 each monuments.

- Total bids follow:
- (A) Claude Fisher Co., Ltd.—\$89,929.50.
 - (B) Geo. R. Curtis Paving Co.—\$89,967.63.
 - (C) Oswald Bros.—\$92,287.18.
 - (D) Daley Corp.—\$93,987.45.
 - (E) J. E. Haddock, Ltd.—\$94,171.70.
 - (F) Basich Bros.—\$95,971.70.
 - (G) United Concrete Pipe Corp.—\$100,796.75.
 - (H) A. S. Vinnell & Co.—\$101,005.75.
 - (I) Griffith Co.—\$103,633.00.
 - (J) Geo. J. Block Co.—\$103,687.65.
 - (K) O. C. Sparks & Mundo Eng. Co.—\$103,741.95.
 - (L) Match Bros.—\$106,583.85.
 - (M) V. R. Dennis Constr. Co.—\$124,288.95.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(A)	\$500.00	\$0.75	\$2.22	\$1.00	\$0.0025	\$3.00	\$0.07	\$3.00	\$10.00	\$2.50	\$8.00	\$0.05	\$7.00	\$0.05	\$0.12	\$0.45
(B)	700.00	.75	246	.90	.0015	1.70	.09	3.40	10.25	3.10	8.10	.057	7.15	.057	.125	.62
(C)	1000.00	1.30	23	.70	.0025	2.50	.08	4.50	8.50	2.40	8.50	.05	6.50	.074	.14	.70
(D)	600.00	.60	26	1.00	.002	5.00	.10	5.00	9.00	2.50	8.00	.065	6.70	.07	.125	.55
(E)	700.00	1.00	25	.80	.002	2.50	.09	5.00	9.00	3.00	7.50	.06	7.25	.07	.13	.50
(F)	2000.00	.90	19	1.25	.0025	2.00	.06	7.00	9.50	2.50	8.00	.05	7.88	.065	.15	.57
(G)	1500.00	1.00	26	1.00	.0025	3.00	.08	7.00	8.50	2.80	8.00	.05	7.55	.07	.12	.60
(H)	1800.00	.90	27	.64	.002	3.00	.09	10.00	11.00	2.50	7.50	.062	7.05	.085	.16	.70
(I)	1100.00	1.20	34	.85	.002	4.00	.10	3.25	9.50	3.50	7.00	.06	7.00	.06	.12	.60
(J)	2500.00	1.15	28	1.00	.0025	1.25	.10	5.00	14.00	3.50	9.00	.065	7.50	.075	.15	.70
(K)	10.00	1.25	.27	1.25	.0018	5.00	.10	10.00	9.00	3.80	7.00	.065	8.00	.06	.13	.70
(L)	1700.00	.90	.33	1.00	.0026	5.00	.12	7.00	10.00	2.85	7.00	.06	7.15	.06	.11	.70
(M)	3000.00	1.65	.47	1.00	.002	2.50	.11	6.00	10.00	2.80	9.00	.045	8.25	.06	.15	.60

PORTABLE BLDGS., CCC CAMPS, 9TH CORPS AREA

SAN FRANCISCO, Calif.—Following bids received by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of twelve units of twenty-one portable demountable buildings each, and one unit of six portable demountable buildings, for CCC camps within the Ninth Corps Area.

Following contractors submitted bids:

- (1) American Bldrs., Seattle, Wash.
- (2) Carlton Lbr. Co., Portland, Ore.
- (3) Louis Strauss Lumber Co., Spokane, Wash.

- (4) Western Pine Mfg. Co., Spokane, Wash.
- (5) Prefabricated Constr., Seattle, Wash.

Camp numbers and names, and railroads:

- (a) LNP-3 Mineral (Sacto.), Red Bluff, Calif.
- (b) DG-91 Abert Rim (Medford), Lakeview, Ore.
- (c) SCS-2 Lewistown (Missoula), Lewistown, Mont.
- (d) DG-70 Jordan (Missoula), Miles City, Mont.
- (e) DG-71 Landusky (Missoula), Malta, Mont.

- (f) DG-29 Jordan Valley (Boise), Caldwell, Idaho.
- (g) DG-95 Salmon (Pocatello), Baker, Idaho.
- (h) DG-90 Harper (Boise), Harper, Ore.
- (i) DG-103 Park Valley (Pocatello), Kelton, Utah.
- (j) DG-82 (Douglas), Wells, Nev.
- (k) DG-83 (Douglas), Elko, Nev.
- (l) YMP-8 (Fresno), Chinese Camp, Calif.
- (m) BF-2 Chas. Sheldon W. Life Refuge (Sacto.), Winnemucca, Nev.

Complete bids follow:

	(1)	(2)	(3)	(4)	(5)					
	Railhead	Ship. Pt.	Railhead	Ship. Pt.	Railhead	Ship. Pt.	Railhead	Ship. Pt.	Railhead	Ship. Pt.
(a)	\$25,501	\$19,358.58	\$23,021.85	\$19,292.18	\$25,859	\$20,445	\$26,515.40	\$19,226.85	\$28,204.64	\$22,031
(b)	26,223	19,358.58	23,359.65	19,292.18	26,440	20,445	27,340.35	19,226.85	28,690.60	22,031
(c)	24,855	19,358.58	23,802.36	19,292.18	24,765	20,445	24,930.33	19,226.85	27,518.68	22,031
(d)	25,599	19,358.58	24,250.56	19,292.18	25,666	20,445	25,388.55	19,226.85	28,204.64	22,031
(e)	25,995	19,358.58	24,320.22	19,292.18	24,765	20,445	24,984.60	19,226.85	28,204.64	22,031
(f)	24,748	19,358.58	23,296.56	19,292.18	24,765	20,445	24,103.93	19,226.85	27,518.68	22,031
(g)	28,906	19,358.58	27,764.26	19,292.18	27,665	20,445	28,047.57	19,226.85	31,385.00	22,031
(h)	24,629	19,358.58	23,469.61	19,292.18	26,440	20,445	24,361.62	19,226.85	27,518.00	22,031
(i)	24,648	19,358.58	23,773.69	19,292.18	26,762	20,445	27,118.40	19,226.85	27,331.60	22,031
(j)	24,841	19,358.58	24,479.95	19,292.18	27,922	20,445	25,230.58	19,226.85	27,331.60	22,031
(k)	24,841	19,358.58	24,479.95	19,292.18	25,666	20,445	25,230.58	19,226.85	27,331.60	22,031
(l)	4,838	3,762.78			5,492	4,280	5,527.33	3,769.32	4,433.70	3,486
(m)	4,828	3,762.78			5,271	4,280	4,951.21	3,769.32	4,381.05	3,486

- (1) Bid limited to 5 all-year and 2 summer tent camps or to 6 all-year units;
- (2) Bid limited to not more than 6 camps and not less than 3;
- (3) Will accept buildings to amount \$1859 1st report March 17; 2nd, Apr 11 5, 1938.
- (4) If awarded 3 or more year-long camps, deduct 3% from f.o.b. shipping point. Will accept 5 year-long and 2 summer tents.
- (5) Deduct 5% from f.o.b. shipping

point price for first 2 year-long camps. If more than 3 year-long camps, deduct 1% from f.o.b. shipping point price and change shipping point to Portland, Ore.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SAN FRANCISCO.—Until May 5, 3 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-130, for furnishing two dragline excavating machines, two cu. yd. and one cu. yd. clamshell buckets and spare parts; f.o.b. San Francisco.

Opening date previously reported incorrectly.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Bids will be received by the U. S. Engineer Office, Lt.-Col. L. B. Chambers, Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

May 3, 3:00 P. M.

BID NO. 1105-38-254—Soldering iron tips; dies; packing; paint sticks and other misc. supplies and materials; f.o.b. Rio Vista.

May 5, 3:00 P. M.

BID NO. 1105-38-252—Galv. pipe; plugs; nozzles; expansion joints; steel bars, etc.; f.o.b. Rio Vista.

Specifications obtainable from the above office.

FORT MASON, Calif.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, Calif., for furnishing supplies and materials, as follows:

May 9, 10:00 A. M.

BID NO. 928-38-331—Wrapping paper (Kraft) and Kraft grocery paper; and paper bags; f.o.b. Ft. Mason.

BID NO. 928-38-330—One portable, stacking elevator, electric motor driven, cable or chain operated, telescoping two section, capable of lifting not less than 1000 lbs.; platform speed of not less than 40 ft. per minute; f.o.b. shipper's point.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until May 5, 3 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Invt. No. 868-38-141, for furnishing approx. 568,000 lbs. of reinf. steel, cut and bent, delivered at Battery Davis, Fort Funston.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the U. S. Forest Service, H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, for furnishing supplies and materials, as follows:

May 4, 2:00 P. M.

BID NO. 5603—CMP culvert and couplings; f.o.b. Arcadia.

BID NO. 5602—CMP culvert and couplings; f.o.b. Redding.

BID NO. 5597—50 each, metal toilet stools; f.o.b. Pasadena.

May 5, 2:00 P. M.

BID NO. 5600—Hoisting rope, 6 by 19, plow steel grade, hemp cen-

ter; and hoisting rope sockets of various types; f.o.b. Redding.

BID NO. 5601—Two each, galv. sheet metal sinks, 16-gauge, 2-compartment; f.o.b. Arcadia.

BID NO. 5582—Crossarm washers, curved washers, thimbles, bolts, plates, etc.; f.o.b. Government Island.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until May 3, 2 P. M., bids will be received by the U. S. Forest Service, G. D. Heustis, Assistant Procurement Officer, Rm. 1022, Phelan Bldg., San Francisco, under Bid No. 1218, for furnishing two pneumatic wet type jacksamers, not less than 48 lbs.; fob bidder's shipping point.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until May 5, 2 P. M., bids will be received by the U. S. Forest Service, Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 5598, for furnishing arresters, ground clamps, telephone switches, elbows and conduit, arrester blocks, fuses, etc.; fob Government Island.

Specifications obtainable from the above office.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

May 3, 10:00 A. M.

BID NO. 5319—Misc. Douglas fir; f.o.b. San Mateo Co.

BID NO. 5320—70 cu yds. ready-mix concrete; f.o.b. Oakland.

BID NO. 5321—Common nails of various types; f.o.b. Sunset, near Skyline Bldgs., San Francisco.

BID NO. 5322—Reinf. steel bars and steel wire; f.o.b. San Mateo Co.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until May 3, 10 A. M., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5318, for furnishing 325 tons of coarse concrete aggregate and 175 tons of fine concrete aggregate; fob near Redwood City.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

May 3, 10:00 A. M.

BID NO. 5328—8500 lin. ft. cast-iron water pipe—Class No. 250—bell and spigot; 8-in.; f.o.b. 22nd and Adeline Sts., Oakland.

May 4, 10:00 A. M.

BID NO. 5321—100 sacks Portland cement; f.o.b. Orland.

May 5, 10:00 A. M.

BID NO. 5329—510 lin. ft. reinforced concrete pipe; 30-inch diameter; tongue and groove; f.o.b. Fresno.

BID NO. 5330—Galv. CMP culvert and couplers; f.o.b. Santa Rosa.

BID NO. 5333—533 tons of emulsified asphalt (pre-mix); f.o.b. Oakland.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials for use on WPA projects, as follows:

May 5, 10:00 A. M.

BID NO. 5332—Misc. concrete aggregates; f.o.b. Municipal Airport, Oakland.

May 6, 10:00 A. M.

BID NO. 5334—2500 l.f. galv. steel pipe; f.o.b. McFarland.

BID NO. 5335—74.80 cwt hot rolled channel steel and 1000 sq. yds. expanded metal lath; f.o.b. Larkin and Beach Sts., San Francisco.

BID NO. 5338—135 c.y. cow manure; f.o.b. San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, for rental of equipment for use on WPA projects, as follows:

May 6, 10:00 A. M.

BID NO. 5337—Rental of one flat bed truck, 1½ tons, for use at Fresno County Fairgrounds, Fresno.

BID NO. 5336—Rental of five trucks, 1½-ton capacity, equipped with not less than 3 cu. yd. (water level) capacity dump bodies; to be used for hand loading, in Fresno.

Specifications obtainable from the above office.

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

May 4, 10:00 A. M.

BID NO. 5327—44 cwt. carbon bisulphide; f.o.b. Chico.

BID NO. 5324—Misc. Douglas fir; f.o.b. Larkin and Beach Streets, San Francisco.

May 5, 10:00 A. M.

BID NO. 5326—400 lbs. Portland cement for delivery at various times in San Mateo Co.

May 6, 10:00 A. M.

BID NO. 5325—Asphalt waterproofing; cotton fabric; and asbestos felt; f.o.b. Larkin and Beach Sts., San Francisco.

Specifications obtainable from the above office.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$900; 1166 Arch, Berkeley; owner, Mouze, Prem.; contractor, A. A. Johnson & Son, 1921 Dwight Way.

REROOF, \$514; 1627 Ward, Berkeley; owner, Robt. White, Prem.; contractor, Amer. Roofing Co., 383 40th St., Oakland.

ALTERATIONS, \$275; 84 Bonnie Lane, Berkeley; owner, E. Camper, Prem.; contractor, W. Degen, 2055 Santa Clara.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



San Francisco April Building
Over \$2,319,000

♦ ♦ ♦ ♦

State Exposition Structures Advertised

♦ ♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., MAY 7 1938

No. 19

Permit Gains in San Francisco Continue As April Values Total Over \$2,319,000

Value of building permits issued in San Francisco continued to rise in April despite a number of unfavorable factors, including unpredictable weather and the arrival of renewal time for several union-contractor wage and hour agreements.

The month's total was \$2,319,280, Chief Clerk S. J. Rosenblum of the Central Permit Bureau announced. This was about \$150,000 over the March figure, and approximately \$347,000 ahead of the total for April last year.

Expansion of building activity on Yerba Buena Shoals, site of the 1939 Golden Gate International Exposition, more than took up the slack created by a falling off in permits for new frame construction and alterations.

Frames Lower

Frame permits dropped to \$839,125 (about normal seasonal volume) from the 10-year record total of \$1,252,390 chalked up in March by San Francisco home-builders.

Alterations likewise declined from the March figure, with a \$324,265 total in this classification last month as compared with a total of \$446,594 for the preceding month.

Swelled by the permit for the Federal exhibit building, for which the contract was awarded Friday, volume of new work on Exposition Island reached a total of \$933,400.

Total value of permits issued since the first of the year is \$6,848,874, slightly ahead of the \$6,509,242 total for the first four months of 1937.

Following is a comparison of classified San Francisco permit totals for April, this year and last:

	APRIL, 1938	APRIL, 1937
No. Est. Cost	No. Est. Cost	No. Est. Cost
A	3	\$ 290,000
B	2	\$ 54,000
C	3	12,500
Frames	215	839,125
Alter's	526	324,265
Sub Total	746	\$1,229,890
Public		912
Harbor	1	155,990
U.S. Govt. Exhibit '39	1	335,000
Exp. of 1939	4	598,400
Total	752	\$2,319,280

CURTIS LOW ON WIDENING JOB

LOS ANGELES, May 5.—George R. Curtis Paving Co. today submitted low bid to the office of the State Division of Highways here for about a mile and one-half of grading and pavement widening in Los Angeles county. Amount of the Los Angeles contractor's low proposal was \$34,413.

The contract involves grading, widening with Portland cement concrete, and plant-mix surfacing on approximately 1.5 mi. between Philadelphia street and Painter avenue in Los Angeles county.

Re-Mapping Started By Army Engineers

San Francisco bay area counties are being re-mapped for Army purposes, it was announced this week. Handling the work is Company A, 29th Engineers, transferred recently to Fort Barry in Marin county from Centralia, Wash.

The company is to remain at cently to Ft. Barry in Marin county. The company is to remain at cently to Ft. Barry in Marin county. The company is to remain at cently to Ft. Barry in Marin county.

A total of 2775 square miles will be mapped by the company. The mapping will be done in 11 sections, each containing an area of 225 square miles.

Twenty-two new homes to cost an estimated \$100,800 were started in San Carlos in April, according to figures released by the city building inspector.

STATE INVITES BIDS ON THREE FAIR BUILDINGS

Bids May 20 on Shasta-Cascade, Mission Trails, East-bay Display Structures

Bids for construction of three of the "county group" exhibit buildings planned for the California State \$1,500,000 display at the 1939 Golden Gate International Exposition were invited yesterday.

They will be opened May 20, C. H. Purcell, executive officer for the California Commission for the exposition, announced.

The contracts will be advertised by the State Division of Architecture, acting for the commission.

Buildings authorized for advertising yesterday are the Alameda-Contra Costa county exhibit building; the Mission Trails building, to house exhibits from Santa Barbara, San Luis Obispo, Monterey, Santa Cruz, San Benito and San Mateo counties; and the Shasta-Cascade building.

Plans and specifications for the work may be obtained by interested contractors upon deposit of \$25 for each set at the California Commission offices, Room 411, Pacific Mutual Life Insurance building, 660 Market street, according to State Architect George B. McDougall.

The plans also will be on file for inspection at offices of the State Division of Architecture in Sacramento and Los Angeles, and at the Builders' Exchange offices in San Francisco and Oakland.

Consulting architects for the Mission Trails building were Robt. Stanton of Del Monte and Harold A. Edmondson of Los Angeles.

For the Alameda-Contra Costa exhibit building, Morrow & Morrow of San Francisco were consulting architects.

Consulting architect for the Shasta-Cascade building, which will house exhibits from several counties in that region, was Otto Deichmann.

Architect Timothy L. Pflueger of San Francisco is serving as supervising architect for the Commission, in direct charge of plans for all work.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1069	Gilbert	Owner	2500
1070	Glesener	Barrett	3000
1071-2	Heyman	Owner	4500
1073-4	Heyman	Owner	4900
1075	Johnson	Owner	4000
1076	Shell	Owner	5000
1077-8	Stoneson	Owner	3500
1079	Capital	Owner	1750
1080	Chasten	Stendell	3000
1081	Crosetti	Owner	1800
1082	Finegan	Owner	3500
1083	Flood	Meinberger	1000
1084	Genocchio	Owner	1500
1085	Murphy	Jones	8000
1086-9	Standard	Owner	3500
1090	Station KGGC	Owner	2500
1091	Weisman	Owner	1750
1092	Wyman	Nudlin	1000
1093	Mendo	Janssen	8000
1094	Petty	Balsa	4000
1095	Schirmer	Hansen	5200
1096	Braunlich	Zinkand	5000
1097	Clark	Owner	3000
1098	Silvestrich	Owner	4000
1099	Susoeff	Owner	4000
1100	Allison	Owner	4500
1101-2	Allison	Owner	4000
1103	Bradner	Kelly	1000
1104	Chalburg	McKeon	3500
1105	De Silva	McKeon	4500
1106	Fredrick	McKeon	3500
1107	Gilmore	Gettins	2000
1108	Gregoire	Woodslde	1000
1109	McDonough	Owner	3500
1110	Meyer	Owner	4000
1111	Michael	Owner	4000
1112	Miller	Prog. Bldg.	4000
1113	Mitchell	Paramount	2200
1114	Raisch	Rahlman	3500
1115	Signal	Early	2000
1116	Smnth	Smith	3500
1117	Stuebinger	Kelly	1000

ALTERATIONS
(1069) 550 THIRD AVENUE. Alter dwelling.
Owner—Mary M. Gilbert, Prem.
Architect—Not Given. \$2500

SHED
(1070) W. KATE, 155 S BRYANT. One-story frame shed.

Owner—A. J. Glesener, 975 Bryant.
Contractor—Barrett & Hilp, 918 Harrison.
Architect—Dodge Rledy, 821 Market St.
Engineer—W. H. Ellison, 821 Market. \$3,000

DWELLINGS (2)
(1071) N. SWEENEY, 425-495 W OF BOWDOIN. Two 1-story frame dwellings.
Owner—Heyman Bros., 742 Market.
Architect—Not Given. \$4500 ea.

DWELLING
(1072) N. SWEENEY, 355 W OF BOWDOIN. One-story frame dwelling.
Owner—Heyman Bros., 742 Market.
Architect—Not Given. \$4500

DWELLINGS (2)
(1073) N. SWEENEY, 460-530 W OF BOWDOIN. Two 1-story frame dwellings.
Owner—Heyman Bros., 742 Market.
Architect—Not Given. \$4900 ea.

DWELLING
(1074) N. SWEENEY, 390 W BOWDOIN. One-story frame dwelling.
Owner—Heyman Bros., 742 Market.
Architect—Not Given. \$4,900

DWELLINGS (2)
(1075) W. 28TH AVE., 225-250 N OF RIVERA. Two one-story frame dwellings.

Owner—J. Harold Johnson, 770 28th Ave.
Architect—Not Given. \$4,400 ea.

SERVICE STATION
(1076) SE MARKET AND LUBOCE. One-story steel service station.
Owner—Shell Oil Co., 100 Bush St.
Plans by Owner's Engr. Dept. \$5,000

DWELLINGS (14)
(1077) W. CAYUGA, 32-52-82-107-157-182-207-232-257-282-307-332-357 S MT. VERNON. Fourteen one-story frame dwellings.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$3,500 ea.; total, \$49,000

DWELLING
(1078) NW MT. VERNON & ROME. One-story frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$3,500

ALTERATIONS
(1079) 629 GREEN. Alter store.
Owner—Capital Co., 625 Market.
Engineer—L. H. Nishkian, Underwood Bldg.
Architect—Not Given. \$1750

DWELLING
(1080) W. SAN JOSE, 75 S RICE. One-story frame dwelling.
Owner—Chasten & Petersen, c/o Contractor.
Contractor—Elvin C. Stendell, 2143 Kirkham.
Architect—Not Given. \$3000

ALTERATIONS
(1081) 2930 WEBSTER. Alter flats.
Owner—Pietro Crosetti, 1825 Lombard.
Architect—Not Given. \$1800

DWELLINGS (2)
(1082) N. HOLLISTER, 112-137 E 3RD ST. Two 1-story frame dwellings.
Owner—James Finegan, 3344 Army.
Architect—Not Given. \$3,500 ea.

ALTERATIONS
(1083) 878 MARKET. Alter store.
Owner—Flood Realty Co., Flood Bldg.
Contractor—H. S. Meinberger, 956 Folsom.
Architect—Not Given. \$1000

ALTERATIONS
(1084) 3907 GEARY. Alter coal yard.
Owner—A. Genocchio, 542 11th Ave.
Architect—Not Given. \$1500

ALTERATIONS
(1085) NW HYDE AND LOMBARD. Alter flats.
Owner—Fred Murphy, 2245 Sacramento.
Contractor—Thos. M. Jones, 643 29th Ave.
Architect—Paul A. Ryan, 962 Phelan Bldg. \$8,000

DWELLING
(1086) E. 33RD AVE., 150 S IRVING. One-story frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah.
Architect—Not Given. \$3500

DWELLING
(1087) E. 33RD AVE., 125 N JUDAH. One-story frame dwelling.

Owner—Standard Bldg. Co., 1500 Judah.
Architect—Not Given. \$3,500

DWELLINGS (2)
(1088) W. 25TH AVE., 150-175 N RIVERA. Two one-story frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah.
Architect—Not Given. \$3500 each

DWELLINGS (4)
(1089) W. 33RD AVE., 250-275-300-325 N JUDAH. Four one-story frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah.
Architect—Not Given. \$3,500 each

RADIO TOWER
(1090) 1355 MARKET. Radio tower.
Owner—Station KGGC, 230 Eddy.
Engineer—L. H. Nishkian, 525 Market St.
Architect—Not Given. \$2500

ALTERATIONS
(1091) NW 9TH AVE. & MORAGA. Alter market.
Owner—Harry Weisman, Great Western Food Stores, 3040 Geary.
Architect—Not Given. \$1750

ALTERATIONS
(1092) 576 GEARY. Alter bar and restaurant.
Owner—Wyman & Stone, Prem.
Contractor—Nudlin Store Fixture Co., 362 11th St.
Architect—Not Given. \$1000

FLATS
(1093) SE GREENWICH & STEINER. Two-story and basement frame flats.
Owner—Mendo Corp., 1136 Clement Street.
Contractor—E. A. Janssen, 1136 Clement St.
Architect—Not Given. \$8000

DWELLING
(1094) E. MONTICELLO, 225 N OF GARFIELD. One-story and basement frame dwelling.
Owner—Thornton Petty, 458-Faxon Street.
Contractor—L. H. Balsa, 101 Palm Ave., Millbrae.
Architect—Not Given. \$4000

ALTERATIONS
(1095) 7935 GEARY STREET. Alter dwelling.
Owner—Geo. B. Schirmer, 7935 Geary St.
Contractor—C. Hansen, 1500 Santa Clara Ave., Alameda.
Architect—Not Given. \$5200

DWELLING
(1096) W. MASONIC AVE., 30 N GOLDEN GATE AVE. 1-story and basement frame dwelling.
Owner—Bud Braunlich, 1350 Fourth Ave.
Contractor—Ed. Zinkand & Son, 667 36th Ave.
Architect—Albert H. Larsen, 333 Kearny St. \$5000

DWELLING
(1097) E. 4TH AVE., 350 N RIVERA. One-story and basement frame dwelling.
Owner—H. B. Clark, San Mateo.
Architect—Not Given. \$3000

DWELLING
(1098) S. SHAFER, 200 E JENNINGS. One-story and basement frame dwelling.

Owner—Toby Silvestrich, 1531 Shafter Ave.
Architect—Not Given. \$4000

DWELLING
(1089) W. CAROLINA, 70 N OF SOUTHERN HEIGHTS. Two-story and basement frame dwelling.

Owner—Fred Susoeff, 10 Southern Heights Ave.
Architect—F. W. Dakin, 625 Market St. \$4000

DWELLING
(1100) SW 11TH AVE. AND MORAGA. One-story and basement frame dwelling.

Owner—Ray Allison, 50 Turk St.
Architect—Not Given. \$4500

DWELLING
(1101) W. 11TH AVE., 50 S MORAGA. One-story and basement frame dwelling.

Owner—Ray Allison, 50 Turk St.
Architect—Not Given. \$4000

DWELLING
(1102) W. 11TH AVE., 25 S MORAGA. One-story and basement frame dwelling.

Owner—Ray Allison, 50 Turk St.
Architect—Not Given. \$4000

ALTERATIONS
(1103) 1373 19TH AVE. Alter dwelling.

Owner—Mr. Bradner, 1373 19th Ave.
Contractor—Robert P. Kelly, 1434 Lawton St.
Architect—Not Given. \$1000

DWELLING
(1104) W. 29TH AVE., 511 N RIVERA. One-story and basement frame dwelling.

Owner—C. H. Chaburg, 339 Third Ave.
Contractor—C. T. McKeon, 2194 30th Ave.
Architect—Not Given. \$3500

STORE & DWELLING
(1105) NW JUDAH AND 34TH AVE. One-story frame store & dwelling.

Owner—Alfred De Silva, 1431 34th Ave.
Contractor—C. T. McKeon, 2194 30th Ave.
Architect—Not Given. \$4500

DWELLING
(1106) N. JUDAH, 107 E 19TH AVE. One-story and basement frame dwelling.

Owner—H. Fredrick, 1920 20th Ave.
Contractor—C. T. McKeon, 2194 30th Ave.
Architect—Not Given. \$3500

ALTERATIONS
(1107) SE COOK AND GEARY STS. Alter service station.

Owner—Gilmore Oil Co., Third and 18th Sts.
Contractor—H. T. Gettins Co., 268 13th St.
Architect—Not Given. \$2000

SHOP
(1108) 60 NORFOLK. One-story frame shop.

Owner—H. Gregoire, 354 12th St.
Contractor—J. D. Woodside, 3460 Mission St.
Architect—Not Given. \$1000

STORE
(1109) W. 30TH AVE., 175 S IRVING. One-story and basement frame store.

Owner—John McDonough, 1274 19th Ave.
Architect—Not Given. \$3500

DWELLINGS (6)
(1110) S. MARIETTA DR., 32-57-82-107-132 W REPOSA, AND SW COR MARIETTA DR AND REPOSA. Six 1-story and basement frame dwellings.

Owner—Meyer Bros., 735 Portola Dr.
Architect—Not Given. \$4000 each

DWELLING
(1111) SE FOLSOM AND EUGENIA. One-story and basement frame dwelling.

Owner—Michael & Bommer, 762 De Haro St.
Architect—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING
(1112) SE 8TH AVE. AND ORTEGA ST. Two-story and basement frame dwelling.

Owner—H. Miller, c/o Contractor.
Contractor—Progressive Building & Construction Co., 231 Bosworth Street.
Architect—Not Given. \$4000

ALTERATIONS
(1113) 679 SUTTER ST. Alter restaurant.

Owner—Nita Mitchell, Prem.
Contractor—Paramount Artisans, 1167 Mission St.
Architect—Not Given. \$2200

ALTERATIONS
(1114) SW CHESTNUT AND LARKIN STS. Alter apartments.

Owner—E. V. Raisch, c/o Contractor.
Contractor—H. E. Rahlmann, 251 Kearny St.
Architect—H. C. Baumann, 251 Kearny St. \$3500

ALTERATIONS
(1115) SW 19TH AND VALENCIA STS. Alter service station.

Owner—Signal Oil Co., 3rd and 17th Sts.
Contractor—F. J. Early, Jr., 369 Pine Street.
Architect—Not Given. \$2000

DWELLING
(1116) W. 37TH AVE., 75 N BALBOA. One-story and basement frame dwelling.

Owner—Chas. Smith, 866 36th Ave.
Contractor—Chas. Smith, 866 36th Ave.
Architect—Not Given. \$3500

ALTERATIONS
(1117) 1377 19TH AVENUE. Alter dwelling.

Owner—W. B. Stuebinger, 1377 19th Ave.
Contractor—Robert P. Kelly, 1434 Lawton St.
Architect—Not Given. \$1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1050	Flynn	Brewer	1000
1051	Packard	Calif. Hsg. Coin	4500
1052	Coleman	Coin	3300
1053	Collins	Owner	1000
1054	Leonhardt	Wells	4000
1055	Lurie	Clark	2800
1056	Shackelton	Lee	2000
1057	Sherwood	Sherida	2600
1058	Moller	Nordstrom	15000
1059	Dupich	Nicholson	12000
1060	Grimes	Hutchinson	3600
1061	Hammer	Owner	1500
1062	Hubbard	Owner	4000
1063	Jorgenson	Berg	4760
1064	Kaiser	Beckett	7725
1065	Laird	Wentworth	1000
1066	Olds	Pack & Gable	4000
1067	Read	Van Ness	3900
1068	Smith	Netherby	4000
1069	Christ Ch.	Hellinger	1500
1070	Jausaud	Jausaud	4000
1071	Robinson	Owner	5000

1072	Anderson	Owner	5300
1074	Bk. Amer.	Capital	3800
1075	Benjamin	Daley	1950
1076	Catera	Owner	5280
1077	Hanson	Owner	3000
1078	Harwood	Owner	6000
1079	McNair	Owner	6500
1080	Pierson	Lynn	16500
1081	Pond	Fond	4500
1082	Laun	Ungaretti	1000
1083	Tyson	Squires	3700
1084-5	MacGregor	Owner	3300
1086	Neill	Owner	2750
1087	Vallo	Owner	3000
1088	Anderson	Ness	4000
1089	Cazet	Hill	4000
1090	Lincoln	Owner	2900
1091	Martensen	Owner	4500
1092	Rizzi	Owner	2300
1093	Zimmerman	Lynn	9000

ALTERATIONS
(1070) 350 PANORAMIC WAY, BERKELEY. Alterations.

Owner—E. C. Flynn, Prem.
Contractor—Edw. Brewer, 775 Colusa.
Architect—Not Given. \$1000

DWELLING
(1051) 773 CRAGMONT AVENUE, BERKELEY. One-story 4-room frame dwelling and garage.

Owner—W. E. Packard, 575 The Alameda.
Contractor—Calif. Housing, Inc.
Architect—Not Given. \$4500

DWELLING
(1052) 3300 62ND AVE., OAKLAND. One-story 5-room dwelling.

Owner—Geo. W. Coleman, 1087 41st St., Emeryville.
Contractor—Oscar Coin, 3233 64th Ave.
Architect—Not Given. \$3300

ADDITION
(1053) 5404 FOOTHILL BLVD., OAKLAND. Addition.

Owner & Builder—T. J. Collins, 5404 Foothill Blvd.
Architect—Not Given. \$1000

DWELLING
(1054) 2020 109TH AVENUE, OAKLAND. One-story 5-room dwelling.

Owner—Albert Leonhardt, 2011 101st Ave.
Contractor—Earl Wells, 6129 Laird Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$4000

SERVICE STATION
(1055) 5682 ADELIN ST., OAKLAND. One-story steel service station.

Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Contractor—A. W. Clark, Jr., & Co., 1002 California Bldg.
Architect—Not Given. \$2800

ALTERATIONS
(1056) 2009 E. 26TH ST., OAKLAND. Alterations.

Owner—G. Shackleton, 2005 E. 26th St.
Contractor—B. F. Lee, 2813 Humboldt Ave.
Architect—Not Given. \$2000

ALTERATIONS
(1057) 915 WASHINGTON ST., OAKLAND. Alterations.

Owner—Sherwood Swan & Co., 10th and Washington Sts.
Contractor—R. E. Sheridan, 748 Oakland Ave.
Architect—Not Given. \$2600

RESIDENCE
(1058) 3 SANDRINGHAM PLACE, PIEDMONT. Two-story 8-room frame residence and garage.

Owner—Frank D. Moller, Central Bk. Bldg., Oakland.
Contractor—David Nordstrom, 354

- Hobart St., Oakland.
Architect—Not Given. \$15,000
- FLATS**
(1059) 1715-17 CLEMENS ROAD, BERKELEY. Two-story 10-rm. flats.
Owner—Dr. Leon R. Dupuich, 110 Scenic Ave., Piedmont.
Contractor—D. W. Nicholson, 357 12th St.
Architect—Miller & Warnecke, Financial Center Bldg. \$12,000
- DWELLING**
(1060) 2301 94TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—F. A. Grimes, Oakland.
Contractor—E. B. Hutchinson, 2782 68th Ave.
Also garage, \$200.
Architect—Not Given. \$3600
- DWELLING**
(1061) 6627 HERZOG ST., OAKLAND. Two-story 3-room dwelling.
Owner & Builder—N. I. Hammer, 6621 Herzog St.
Architect—Not Given. \$1500
- DWELLING**
(1062) 5900 AVOCA AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—J. F. Hubbard, 5412 Proctor Ave.
Architect—Not Given. \$4000
- DWELLING**
(1063) 4544 REINHARDT DRIVE, OAKLAND. One-story 6-room dwelling.
Owner—Clarence Jorgenson, 3154 Wisconsin St.
Contractor—Paul M. Berg, 3854 Midvale Ave.
Architect—Not Given. \$4760
- GARAGE**
(1064) 500 5TH AVE., OAKLAND. One-story concrete garage and shop.
Owner—Henry J. Kaiser Co., 1522 Latham Square Bldg.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Also 1-story warehouse, \$7500.
Architect—Not Given. \$7725
- RETAINING WALL**
(1065) 6215 BUENA VENTURA AVE., OAKLAND. Concrete retaining wall.
Owner—E. C. Laird, Prem.
Contractor—J. E. Wentworth, 2432 Havenscourt Blvd.
Architect—Not Given. \$1000
- DWELLING**
(1066) 891 GLENDOME CIRCLE. One-story 5-room dwelling.
Owner—John Olds, Frem.
Contractor—Pack & Gable, 536 Bancroft Ave., San Leandro.
Architect—Not Given. \$4000
- DWELLING**
(1067) 5201 BOND ST., OAKLAND. One-story 5-room dwelling.
Owner—R. E. Read, Prem.
Contractor—Gene E. Van Ness, 4331 Masterson St.
Architect—Not Given. \$3900
- DWELLING**
(1068) 18 DIAZ PL., OAKLAND. One-story 5-room dwelling.
Owner—Elliott Smith, Prem.
Contractor—W. A. Netherby, 3863 Lyman Road.
Architect—Not Given. \$4000
- REMODELING**
(1069) 632 HAIGHT AVE., ALAMEDA. Remodeling.
Owner—Christian Reformed Church, 632 Haight Ave., Alameda.
- Contractor—R. Hellinger, 541 Central Ave., Alameda.
Architect—Not Given. \$1500
- DWELLING**
(1070) 1610 NINTH ST., ALAMEDA. One-story 5-room dwelling.
Owner—M. Jaussaud, Prem.
Contractor—M. Jaussaud, Prem.
Architect—Not Given. \$4000
- DWELLING**
(1071) 2329 WARD, BERKELEY. One-story 6-room frame dwelling and garage.
Owner & Builder—F. M. Robinson, 1830 San Lorenzo.
Architect—W. H. Patton. \$5000
- DWELLING**
(1072) 3228 GUIDO ST., OAKLAND. One-story 6-room dwelling.
Owner & Builder—Andrew Anderson, 3915 39th Ave.
Architect—Not Given. \$5300
- DWELLING**
(1073) 1546 E. 31ST ST., OAKLAND. One-story 5-room dwelling.
Owner—Leonard Andrade, 1550 E. 31st St.
Contractor—Henderson & Wishart, 7827 Outlook Ave.
Architect—Not Given. \$3900
- ALTERATIONS**
(1074) 2154 HOPKINS ST., OAKLAND. Alterations.
Owner—Bank of America N. T. & S. A., 1 Powell St., San Francisco.
Contractor—Capital Co., 625 Market St., San Francisco.
Architect—Not Given. \$3800
- REPAIRS**
(1075) 3250 GRAND AVE., OAKLAND. Fire repairs.
Owner—C. M. Benjamin, Prem.
Contractor—Daley Eros, 789 El Camino Real, Burlingame.
Architect—Not Given. \$1950
- STORE**
(1076) 1401 14TH ST., OAKLAND. One-story store.
Owner & Builder—Luca Catera, 1716 9th St.
Architect—Not Given. \$5280
- DWELLING**
(1077) 9331 BURR ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Hollis B. Hanson, Hayward, Calif.
Architect—Not Given. \$3000
- DUPLEX**
(1078) 3501-05 LYON AVE., OAKLAND. One-story 8-room duplex.
Owner & Builder—Wm. P. Harwood, 3514 Lyon Ave.
Architect—Not Given. \$6000
- DWELLING**
(1079) 2743-47 BROOKDALE AVE., OAKLAND. One-story 8-room 2-family dwelling.
Owner & Builder—Robert B. McNair, 3745 Rhoda Ave.
Architect—Not Given. \$6500
- APARTMENT**
(1080) 500-02-04-06 E. 22ND ST., OAKLAND. Two-story 20-room apartment.
Owner—Silas Pierson, Tahoe, Cal.
Contractor—Willis F. Lynn, 1037 Ashmount Ave.
Architect—Chester H. Treichel, 696 Cleveland St. \$16,500
- DWELLING**
(1081) 3530 66TH AVE., OAKLAND. One-story 6-room dwelling.
Owner—Josephine K. Pond, 1056 Ardmore Ave.
- Architect—F. H. Slocombe, Piedmont Ave.
- DWELLING**
(1082) 3536 ROBINSON DR., OAKLAND. 2-story 3-room dwelling.
Owner—J. Taun, 3475 Champion St.
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.
Architect—Not Given. \$1000
- DWELLING**
(1083) 4373 RETTIG ST., OAKLAND. One-story 4-room dwelling.
Owner—Gerald Tyson, Prem.
Contractor—C. R. Squires, 2621 Hopkins St.
Architect—Not Given. \$3700
- DWELLING**
(1084) 627 TALBOT, ALBANY. 1-story 6-room frame dwelling.
Owner & Builder—L. D. MacGregor, 1391 Solano.
Architect—Not Given. \$3300
- DWELLING**
(1085) 629 TALBOT, ALBANY. 1-story 6-room frame dwelling.
Owner & Builder—Leighton D. MacGregor, 1391 Solano.
Architect—Not Given. \$3300
- (1086) 801 SOLANO, ALBANY. 1-story 5-room frame dwelling.
Owner & Builder—Mr. Neill, 845 Solano.
Architect—Not Given. \$2750
- (1087) 849 MADISON, ALBANY. 1-story 5-room frame dwelling.
Owner & Builder—John Vallo, 1003 Solano.
Architect—Not Given. \$3000
- DWELLING**
(1088) 4177 WILSHIRE BLVD., OAKLAND. One-story 5-room dwelling.
Owner—A. E. Anderson, 3764 Shafter Ave.
Contractor—Peter Ness, 3126 California St.
Architect—Not Given. \$4000
- DWELLING**
(1089) 3908 HIGH ST., OAKLAND. One-story 5-room dwelling.
Owner—Alex Cazet, 112 Magnolia Ave.
Contractor—Frank R. Hill, 3215 Fruitvale.
Architect—Not Given. \$4000
- DWELLING**
(1090) 2557 DURANT AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Wm. H. Lincoln, 5712 Foothill Blvd.
Also 1-story garage, \$200.
Architect—Not Given. \$2900
- DWELLING**
(1091) 3801 FORESTHILL AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Paul Martensen, 2417 Palmetto St.
Architect—Not Given. \$4500
- DWELLING**
(1092) 974 106TH AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Elton M. Rizzi, 1709 90th Ave.
Also 1-story garage, \$170.
Architect—Not Given. \$2300
- DWELLING**
(1093) 29 BLACKFORD COURT, OAKLAND. Two-story 6-room dwelling.
Owner—A. G. Zimmermann, Prem.
Contractor—Willis F. Lynn, 1037 Ashmount Ave.
Architect—Not Given. \$9000

EXTENSION OF CONTRACT

SAN FRANCISCO

303 S P Co Michel

(30) S. P. GENERAL Hospital, Fell and Baker Sts. Construction of glass roofs, etc., as set forth in contract signed Jan. 6, 1938, time allowed for completion extended to April 28, 1938.
 Owner—Southern Pacific Co., 61 Market Street.
 Architect—Not Given.
 Contractor—Michel & Pfeffer Iron Works, Inc., 1415 Harrison St.
 Filed, Apr. 23, '38. Dated, Apr. 14, '38.
 Payments and Total Cost as given on the original contract.
 Sureties, U. S. Guaranty Company.

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
301	Miller	Prog. Bldg.	6200
302	Burke	Delucchi	3550

DWELLING

(301) PTN LAND BLK. 952 AND PTN LOT 13, BLK 2127, FOREST HILL COURT. Two-story frame dwelling.
 Owner—Harold J. and Marion P. Miller.
 Contractor—Progressive Building & Construction Co.
 Filed Apr. 28, '38. Dated Apr. 27, '38.
 25% when ready for roof.
 25% when brown coated.
 25% when completed and accepted.
 25% usual 35 days.
 TOTAL COST, \$6200.00
 Limit, 100 days. Plans and specifications filed.

RESIDENCE

(302) N. 30TH ST., 155 E. OLD CAS-TRO ST. Residence.
 Owner—Walter Burke, 2390 Francisco.
 Plans by E. K. Dobkowitz, 425 Monterey Blvd.

Contractor—Richard Delucchi & Co., 3275 San Bruno Ave.
 Filed Apr. 28, '38. Dated Jan. 26, '38
 25% when roof is on.
 25% when brown coated.
 25% when completed.
 25% usual 35 days.
 TOTAL COST, \$3,850.00
 Limit, 60 working days.

ALTERATIONS

7935 GEARY BLVD. Alterations & additions to residence.
 Owner—G. B. Schirmer, Prem.
 TOTAL COST, \$5,330.00
 Contractor—C. Hansen.
 Dated April 18, 1938.

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
177	P. G. & E.	Bothwell	3370
178	Un. Pr. Ch.	Bertelsen	11146
179	Smith	Thrams	20000
180	Kaiser	Beckett	12383
181	Zuckerman	Teigland	7519
(182)	Safeway	Forsythe	4565

GARAGE & ALTERATIONS

(177) LIVERMORE. Wood frame corrugated iron garage and alterations.
 Owner—P. G. & E.
 Contractor—David M. Bothwell and San Bothwell, Jr.
 Filed Apr. 29, '38. Dated Apr. 20, '38.
 First each month, 75% labor and material; usual 35 days, 25%.
 TOTAL COST, \$3370.05
 Bond, \$3370.05. Surety, Hartford Accident & Indemnity Co. Limit, 70 days. Plans and specifications filed.

ADDITION

(178) 5951 COLLEGE AVE., OAKLAND. Addition to church.
 Owner—The United Presbyterian Ch. of Oakland.
 Architect—Edw. T. Foulkes, 357 12th St., Oakland.
 Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.
 Sixth day of each month, 75% labor and material; usual 35 days, 25%.
 TOTAL COST, \$11,146.00
 Bond, \$11,146. Surety, U. S. Guaranty Co. Limit, 10 days.

BUILDING

(179) 5531 COLLEGE AVE., OAKLAND. One-story frame and reinforced concrete building.
 Owner—Jesse Smith, 1139 Sunnysills Road.
 Contractor—C. H. Thrams, 28 Home Place, Oakland.
 Filed May 2, '38. Dated Apr. 22, '38
 Basement excav., reinf. steel in place.....\$4000.00
 Frame up.....4000.00
 Brown plastered.....4000.00
 Completion.....4000.00
 Usual 35 days.....4000.00
 TOTAL COST, \$20,000.00
 Bond, \$20,000. Surety, U. S. Guaranty Co. Limit, 90 days. Plans and specifications filed.
GARAGE, ETC.

(180) FIFTH AVE. PLANT, H. J. KAISER CO. Garage, office and warehouse.
 Owner—A. T. Beckett, 224 Scenic Ave.
 Architect—Robt. S. Barneyback and Thos. M. Price, 667 Euclid Ave., Oakland.
 Contractor—Henry J. Kaiser Co., 1522 Latham Square Bldg., Oakland.
 Filed May 2, '38. Dated May 2, '38
 Tenth day each month, 85% labor and material; usual 35 days, 15%.
 TOTAL COST, \$12,383.00
 Bond, \$12,400. Surety, N. Y. Gas. Co. Forfeit, \$40 per day. Limit, 60 days. Plans and specifications filed.

RESIDENCE

(181) KEELER AVE. and Shasta Road, Berkeley. Residence.
 Owner—Florence Zuckerman.
 Architect—Winfield Scott Wellington, 260 California St., San Francisco.
 Contractor—C. M. Teigland, 525 49th St., Oakland.
 Filed, May 3, '38. Dated, Apr. 29, '38.
 Framing completed.....25%
 Brown plastered.....25%
 Completion.....25%
 Usual 35 days.....25%
 TOTAL COST, \$8519.00
 Plans and specifications filed.

TRACK

(182) ALAMEDA AVE. AND HIGH ST., OAKLAND. 1300 feet of track.

Owner—Safeway Stores, Inc.
 Contractor—Chas. Forsythe, 264 Sybil Ave., San Leandro.
 Filed May 4, '38. Dated May 3, '38
 10 da. after completion.....\$4565.00
 TOTAL COST, \$4565.00
 Limit, June 20, 1938.

**SAN FRANCISCO CO. PERMITS
 UNDER \$1000**

ALTER church, \$180; 3327 17th St.; owner, Iglesia Pentecostal, prem. contractor, E. Lopez, 1328 Van Ness Ave. South.
 ALTER flats, \$150; 1414 Pacific Ave. owner, Marengo & Taccolin, 1414 Pacific Ave.; contractor Bennie D'Amico, 76 Pixley St.
 ALTER dwelling, \$200; 1303-09 27th Ave.; owner, Louis Campi, prem. contractor, V. Oliva, 927 Hampshire St.

SIGN, electric, \$175; 1555 Haight St.; owner, Taylor Hardware, prem.; contractor, Apex Elec. Co., 363 Fell St.
 FLUE, \$65; 1699 Post St.; owner, S. Leranda, premises; contractor, J. R. Shields, 1928 Post Street.
 ALTER restaurant, \$100; 2400 Bryant St.; owner, A. Fravaio, prem. contractor, V. Oliva, 927 Hampshire St.
 BILLBOARD, \$7; 1314 Post St.; owner, Foster & Kleiser Co., 1675 Ed-dy Street.
 SIGN, electric, \$10; 1300 Castro St.; owner, Graystone Wine & Liquor Store, 1300 Castro; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER dwelling, \$25; 154 Arguello Blvd.; owner, T. R. Gray, prem.
 ALTER store, \$800; NE Market and Kearny Sts.; owner, Carl, Wilkie, 111 Sutter St.; contractor, Mullen Mfg. Co., 10 F. Rausch St.
 ALTER storage, \$300; S Natoma 300 W 3rd St.; owner, Herbst Bros., 1525 Mission St.; contractor, F. R. Siegrist, 604 Mission St.
 SIGN, electric, \$130; SW Bay and Van Ness Ave.; owner, Associated Oil Co., prem.; contractor, EL Prod. Corp., 910 Harrison St.
 ALTER store, \$400; 624 Market St.; owner, A. G. Spalding & Sons, 675 Mission St.; contractor, Din-widdie Const. Co., 620 Market St.
 ALTER dwelling, \$700; 98 Corland; owner, D. Solmi, premises; contractor, S. F. Plastering & Concrete Co., 107 28th St.
 ALTER dwelling, \$400; 456 Silver Ave.; owner, E. and R. Eldred, premises.
 BARBER pole, \$15; 140 Kearny St.; owner, Aptos Elec Co., premises; contractor, Aptos Elec. Const. Co., 1104 Mission St.
 FLUES, \$50; 2472 Geary St.; owner, D. Richardson, prem.; contractor, Guarantee Sheet Mtl. Works 4012 Geary Blvd.
 ALTER paint shop, \$800; 1672 15th St.; owner, A. E. Gordon, 141 Morris St.
 SIGN, electric, \$200; 2880 25th St.; owner, Rudolf Feil, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 ALTER dwelling, \$75; 3008 Anza St.; owner, A. Carr, premises; contractor, Pacific Terrazzo Co., 2144 Lombard St.
 ALTER sidewalk, \$175; 516 Laguna St.; owner, Alf. Fuhrman, premises; contractor, Phoenix-Simp-ton Co., 520 6th St.
 ALTER dwelling, \$850; 171 Coleridge; owner, J. Lapaca, prem.; contractor, Henry Erickson, 972 Chenery Street.
 RETAINING wall, \$750; SE Pacific and Trenton St.; owner, Angelo Campodonico, 620 Pacific; contractor, G. B. De Lucchi, 4 Sharp Place.
 SIGN, electric, \$100; 2217 Union St.; owner, Union Lunch, Prem.; contractor, Western Neon Lite Co., 75 Fremont St.
 ALTER store, \$110; 1102 Stockton St.; owner, Frank Fung, 1043 Stockton St.; contractor, Wong Non, 45 Spoffard Alley.
 FLUES, \$76; E. Capitol Ave., 100 N Farrallones; owner, A. Kronquist, 919 Fell St.; contractor, P. Neumann, 6512 Mission St.
 ALTER school, \$450; 540 Powell St.; owner, University of Cal, Prem.; contractor, Phoenix-Simp-ton Co., 520 Sixth St.
 SIGN, electric, \$65; California and Hyde Sts.; owner, Eatומר, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER store, \$150; 739 Grant; owner, Song Kee Co., Prem.; contractor, Sun Lee, 113 Waverly.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------|---------------------------------|
| 1.—Apartments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings |
| | 14.—Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stalls | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and Ins. |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Equip. |

1— APARTMENTS

Plans Being Figured—Bids Close May 9, 5 P. M.

ALTERATIONS Cost, \$.....
SAN FRANCISCO. 1154 California. Alterations to 2nd and 3rd floors of apartment house.

Owner—Whittell Realty Company, 166 Geary Street.

Architect—G. A. Dailey, 210 Post St.
Plans are being figured by the following selected list of contractors:
Barrett & Hip, 918 Harrison St.
Lindgren & Swinerton, Inc., 615 Standard Oil Bldg.

Paul K. Jones, 666 Mission Street.
Larsen & Larsen, 633 Bryant St.
H. H. Larsen Co., 64 South Park.
Geo. W. Malone, 311 California St.
Jacks & Irvine, 620 Market Street.

Contract Awarded
APARTMENTS Cost, \$16,000
SAN JOSE, Santa Clara Co., Calif.
Auzeraise Avenue.

New apartment building (7 apts.)
Owner—E. Portaluppi, Milpitas Rd., San Jose.

Architect—Not Given.
Contractor—V. J. Sunzeri, 176 North 31st St., San Jose. 1

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO. Hyde and Lombard Streets.

Addition of one story and alterations to present apartment building.

Owner—Withheld.
Architect—Paul A. Ryan, 962 Phelan Bldg.

Contractor—Thos. M. Jones, 643 29th Ave.

Contract Awarded
APARTMENTS Cost, \$16,500
OAKLAND, Alameda Co., Cal. 500-02-04-06 E. 22nd St.

Two-story 20-room apartment house.
Owner—Silas Pierson, Tahoe, Cal.

Architect—Chester H. Treichel, 696 Cleveland St.
Contractor—Willis F. Lynn, 1037 Ashmount Ave. 1

Plans Completed
APARTMENTS Est. Cost, \$40,000
BURLINGAME, San Mateo Co., Cal. El Camino Real, Burlingame Pk., Lot 25 and ptn Lot 24.

One- and part two-story apartment house, approx. 150-ft. long, built around court (rustic exterior, 19 apts.; hardwood floors, tile baths and showers, etc.)

Owner and Builder—H. I. Lauder, 218 Lorton Ave., Burlingame.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Owner will take sub-bids.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded
ADDITIONS Cost, \$44,230
PETALUMA, Sonoma Co., Cal.

Additions and alterations to new mill warehouse.

Owner—Poultry Producers of Central California.

Plans by Jones-Hettelsater Const. Co., Kansas City, Mo.

Contractor—Vogenson Const. Co. of Petaluma.

Plumbing—Frank J. Hoirup, D St. Extension.
Electric Wiring—Cline Electric Co., 307 B Street.

Sheet Metal—B. F. Shell, 11 East Washington St.

Glass, Lumber and Mill Work—Diamond Match Co., Chico.

Hardwood Floors—A. E. Chamberlain, 11 Hinman Street.

Brick and Stone Work—W. Olsen, 617 "I" Street.

All of Petaluma, unless otherwise noted. 4

5— FLATS

Plans Completed
FLATS Cost, \$6,500
SAN FRANCISCO. Army and Dolores Streets.

Two-story frame flats (terra cotta tile and composition roof, hardwood floors, wood sash, tile baths etc.)

Owner and Builder—A. Bernhardt, 924 Taraval Street.

Architect—D. E. Jackle, 126 Post St.

Contract Awarded
FLATS Cost, \$8,000
SAN FRANCISCO. SE Greenwich & Steiner Streets.

Two-story and basement frame flats.
Owner—Mendor Corporation.

Architect—Not Given.
Contractor—E. A. Janssen, 1136 Clement Street. 5

Completing Plans
DUPLEX FLATS Est. Cost, \$14,000
SAN FRANCISCO. NW Greenwich and Leavenworth Sts.

Two-story frame and stucco duplex flats (12 rooms); gas-steam hfg. plant, tile showers with doors, hardwood floors, tile kitchens and baths, composition roof, steel and wood sash, etc.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

Plans will be completed and general bids taken in one week.

Completing Plans
FLATS Est. Cost, \$8,000
SAN FRANCISCO. Greenwich and Leavenworth Sts.

Two-story flats (6 and 7 rooms), tile showers and baths, hardwood floors, wood and steel sash, composition roof, garages.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

Plans will be completed and general bids taken in one week.

7— FEDERAL BUILDINGS

BIDS WANTED
SAN DIEGO, Cal.—As previously reported, until May 16, 2 P. M., bids will be received by the U. S. Dept. of Commerce, Division of Purchases

& Sales, Washington, D. C., for erection of steel tower antenna system and radio facility building at San Diego. The work consists of erecting five 133-ft. steel towers (steel is furnished) and constructing concrete foundation, fence, driveways, etc. The Government will furnish a steel sectional building and a pile foundation with decking is to be built by the contractor and the building erected thereon. The Government will furnish certain special equipment; no other radio equipment will be required under this contract. The principal items of work, in all, are about 800 c.y. earthwork, 130 c.y. concrete, 8,000 lbs. reinf. steel, 150 rods fencing, 1,700 ft. piling, 5,000 bd. ft. lumber and 50 c.y. road material. Proposal 2987. 7

CONTRACT AWARDED
SAN FRANCISCO.—Star Delta Electrical Works, 279 Fremont St., at \$1,320, submitted only bid and was awarded contract by the Constructing Quartermaster, Fort Mason, for repairs to steam turbine and generator in power plant at Letterman General Hospital, San Francisco, Calif. 7

BIDS OPENED
SAN FRANCISCO.—Clifton C. Newman, 507 Brannan St., at \$14,198 submitted low bid to the Constructing Quartermaster, Fort Mason, for constructing new roof and making other repairs to warehouse B-2, at Fort Mason.

Bids were received as follows: (1) work complete; (2) Add. for one coat of paint on exterior; (3) Add. or deduct for armored cable instead of specified conduit; (4a) unit prices, dimension lumber per MFBM; (4b) unit prices, old lumber per MFBM. Complete bids follow:

Clifton C. Newman: (1) \$14,198; (2) \$600; (3) add \$33; (4a) \$49; (4b) \$7.00.

J. Harold Johnson: (1) \$14,867; (2) \$785; (3) add \$35; (4a) \$60; (4b) \$3.

Frank J. Reilly: (1) \$14,931; (2) \$480; (3) add \$33; (4a) \$56.50; (4b) \$10.00.

Robert McCarthy: (1) \$15,220; (2) \$10.45; (3) add \$35; (4a) \$40; (4b) \$10.00.

M. E. Vukicevich: (1) \$15,829; (2) \$515; (3) add \$35; (4a) \$46; (4b) \$13.

D. W. Nicholson: (1) \$16,681; (2) \$500; (3) add \$45; (4a) \$75; (4b) \$12.

Leo Epp: (1) \$16,877; (2) \$825; (3) ded. \$175; (4a) \$65; (4b) \$5.

De Luca & Son, Inc.: (1) \$17,700; (2) \$600; (3) add \$35; (4a) \$85; (4b) \$5.00.

A. Frederick Anderson: (1) \$19,419; (2) \$944; (3) ded. \$230; (4a) \$75; (4b) \$25.00.

Fred J. Early, Jr.: (1) \$19,633; (2) \$600; (3) no bid; (4a) \$70; (4b) \$10.00.

Peter Sartorio: (1) \$20,878; (2) \$520 (3) ded. \$45; (4a) \$70; (4b) \$19.

James S. Barnes Const. Co.: (1) \$22,720; (2) \$1,310; (3) no bid; (4a) \$65; (4b) \$26.

Albert E. Mangs & Associates: (1) \$23,390; (2) \$1,082; (3) ded. \$50; (4a) \$80; (4b) \$14.

COMPLETE BIDS
SILVER LAKE and PALMDALE, Los Angeles Co., Cal.—R. J. Kingstone, 2557 Brinker Ave., Ogden, Utah at \$10,576 (Items 1 and 2) submitted low bid to the Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for Adock

Tower antenna and radio facility buildings at Silver Lake and Palm-dale. Prop. No. 29077.

Complete bids follow:
R. J. Kingston, Ogden, Utah (1) \$7,327; (2) \$3,249.70; (1 and 2) \$10,576.70.

Oscar L. Jackson, San Bernardino: (1) \$7,788; (2) \$4,021.40; (1 and 2) \$11,809.40; (3) \$8,841; (4) \$4,219.40; (3 and 4) \$12,560.80.

Ed. Green, Los Angeles: (1) \$7,930.50; (2) \$4,402; (1 and 2) \$12,332.50; (3) \$8,814; (4) \$4,797; (3 and 4) \$13,611.

Robt. H. Travers, Los Angeles: (1) \$8,215.50; (2) \$3,444; (1 and 2) \$11,659.50; (3) \$8,310; (4) 4,654; (3 and 4) \$12,964.

H. O. Bauerle, Los Angeles: (1) \$7,492; (2) \$4,504.20 (1 and 2) \$11,996.20; (3) \$8,365; (4) \$4,879.60; (3 and 4) \$13,244.60.

Wickes Engr. & Const. Co., Des Moines, Ia.: (1) \$9,459; (2) \$3,540; (1 and 2) \$12,999; (3) \$9,565; (4) \$3,890; (3 and 4) \$13,455.

Shanahan Bros., Huntington Park: (1) \$10,154; (2) \$3,574.30; (1 and 2) \$13,628.30; (3) \$10,254; (4) \$4,324.30; (3 and 4) \$14,578.30.

M. H. Golden, San Diego: (1) \$9,971.80; (2) \$4,034.30; (1 and 2) \$14,006.10; (3) \$9,844.80; (4) \$4,134.30; (3 and 4) \$13,679.10.

J. E. Burrell & Son, Long Beach: (1) \$12,538.85; (2) \$5,182.90; (1 and 2) \$17,721.75; (3) \$13,725.20; (4) \$5,148.96; (3 and 4) \$19,471.16. * 7

CONTRACT AWARDED

SAN FRANCISCO—Western Pine Mfg. Co., E. 315 Jackson Avenue, Spokane, Wash., at \$82,358.09 awarded contract by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of portable demountable buildings for CCC camps within the Ninth Corps Area. Contract includes some buildings at each of CCC camps with the exception of Camp YMP-8 (Fresno), Chinese Camp, Calif., and BF-2 Charles Sheldon W. Life Refuge (Sacramento), Winnemucca, Nev., both tent camps.

BIDS OPENED

LAS VEGAS, N. M.—Draper and Schanche, 401 Shenadoah Ave NW, Roanoke, Va., at \$11,009.25 (Items 1 and 2) submitted low bid to the Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for construction of Adcock Tower Antenna and Radio Facility Bldg. at Las Vegas, N. M. Prop. 29103.

Complete bids follow:
Draper & Schanche, Roanoke, Va.: (Item 1) \$7,821.25; (Item 2) \$3,188; (Items 1 and 2) \$11,009.25.

Jos. Sebacher Const. Co., Offerle, Kans.: (1) \$8,053.50; (2) \$3,253.40; (1 and 2) \$11,306.90.

Lembke Const. Co., Albuquerque, N. M.: (1) \$8,346; (2) \$3,458; (1 and 2) \$11,804.

Bridgman Electric Co., Albuquerque, N. M.: (1) \$9,289; (2) \$3,295.50; (1 and 2) \$12,584.50.

C. C. Warrington, Cheyenne, Wyo.: (1) \$8,908; (2) \$3,691; (1 and 2) \$13,599.00.

A. C. Hearn, Albuquerque, N. M.: (1) \$9,339; (2) \$3,304; (1 and 2) \$12,653.00.

Bennett & Taylor, Los Angeles: (1) \$9,283.50; (2) \$3,473; (1 and 2) \$12,736.50.

Gau & Vogel, Amarillo, Tex.: (1) \$9,367; (2) \$3,632; (1 and 2) \$12,999.

Wickes Engr. & Const. Co., Des Moines, Ia.: (1) \$9,940; (2) \$3,681.30; (1 and 2) \$13,621.30.

E. H. Marhoefer, Chicago: (1) \$10,545.50; (2) \$3,741.40; (1 and 2) \$14,286.90.

R. L. Allison, Albuquerque, N. M.: (1) \$10,707; (2) \$4,474.50; (1 and 2) \$15,181.50.

Sub Contract Awarded
FEDERAL EXHIBIT BLDG.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Federal exhibit building to house the Government exhibits.

Owner—United States Golden Gate International Exposition Commission (George Creel, Commissioner), 200 Bush St., San Francisco. Consulting Architect—Timothy L. Pfueger, 580 Market Street, San Francisco.

Contractor—George A. Fuller Co., 408 S. Spring St., Los Angeles.

M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, awarded sub contract for furnishing and driving 306 piles.

Bids Opened
FEDERAL EXHIBIT BLDG.

Cost, \$500,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Federal Exhibit building to house the Government exhibits.

Owner—United States Golden Gate International Exposition Commission (George Creel, Commissioner), 200 Bush St., San Francisco. Consulting Architect—Timothy L. Pfueger, 580 Market Street, San Francisco.

Low Bidder—George A. Fuller Co., 408 S. Spring St., Los Angeles, \$335,000.

Complete bids follow:
Geo. A. Fuller Co., L. A. \$335,000
Clinton Const. of California. 354,000
MacDonald & Kahn Co., Ltd. 383,383
Guy F. Atkinson Co. 385,403
Eaton & Smith 393,800
P. F. Reilly 394,980
Dinwiddie Const. Co. 424,300

Bids held under advisement.

BIDS WANTED

RED BLUFF, Cal. and PORTLAND, Ore.—Until May 17, bids will be received by the Division of Purchases and Sales, Dept. of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility buildings at Red Bluff, Tehama County, Calif., and Portland, Oregon; Proposal 29131.

Work consists of construction of five 133-ft. steel towers (steel furnished) and the construction of 15½ by 28-ft. masonry buildings, concrete foundations, driveway, etc.; and at Portland, a fence. The Government will furnish certain special Radio Equipment. No other Radio equipment will be required. The principal items of work are as follows: 17,000 cu. yds. of earthwork; 200 cu. yds. of cement; 17,000 brick; 3,000 tiles; 400 glass blocks; 14,000 lbs. of reinf. steel; 150 cu. yds. of road material, and 200 rods of fencing.

BIDS WANTED

WOODLAND, Yolo Co., Calif.—Until May 27, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for hand railings at the U. S. Post Office at Woodland. * 7

COMPLETE BIDS

STANISLAUS CO., Cal.—Communication Engineering Industries, Seattle, submitted low bid to the Chief of Division of Purchases & Sales, U. S. Department of Commerce, Washington, D. C., for loop antenna system and radio facility building in Stanislaus County, near Modesto.

Complete bids follow:
Communication Engineering Industries: (Item 1) \$2866.45; (Item 2) \$2,586.50; (Item 3) \$1,538; (Items 1, 2, and 3) \$6,990.

L. Uebel, Ripon, Calif.: (1) \$3098.40; (2) \$2624.50; (3) \$1660; (1,2,3) \$7,382.90.

Albert E. Mangs & Associates, San Francisco: (1) \$3346.84; (2) \$2443.46; (3) \$1823.70; (1,2,3) \$7604.

Ed. Green, Los Angeles: (1) \$3010; (2) \$2735; (3) \$1985; (1,2,3) \$7,730.

Bennett & Taylor, Los Angeles: (1) \$2797.75; (2) \$3223.50; (3) \$1669; (1,2,3) \$7,690.25.

Wickes Engr. & Const. Co., Des Moines, Iowa: (1) \$4018; (2) \$3207; (3) \$2015; (1,2,3) \$9236.

Robt. H. Travers, Los Angeles: (1) \$3494.70; (2) \$3104; (3) \$1765; (1,2,3) \$8363.70.

M. H. Golden, San Diego: (1) \$2,950; (2) \$3218; (3) \$2319; (1,2,3) \$8487.

BIDS OPENED

SEATTLE, Wash.—Wm. Petersen, Seattle, Wash., at \$720 submitted the low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for driveway and drainage modifications at the U. S. P. O., University Postal Station, Seattle.

Complete bids follow:
Wm. Petersen, Seattle (Item 1) \$730; (Alt. A) deduct \$95; (Alt. B) deduct \$635.

Superior Cement Co., Seattle: (1) \$734 (A) deduct \$241; (B) deduct \$463
Chas. Dalgren, Seattle: (1) \$871; (A) deduct \$187; (B) deduct \$684.

BIDS OPENED

AUBURN, Wash.—Concrete Const. Co., Auburn, Wash., at \$465.00 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of concrete sidewalks, etc., at the U. S. P. O. at Auburn, Wash.

Other bids were:
Auburn Concrete Products Inc. Auburn, Wash. \$498.50
Auburn Bldr. Supplies, Inc., Auburn, Wash. 760.50
Henry L. Grohns, Decatur, Ill. 678.00

BIDS OPENED

MANILA, P. I.—Otis Elevator Co., 260 11th Ave., New York City, at \$13,880 submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for installing a complete elevator plant in the U. S. High Commissioner's Office and residence at Manila, P. I.

BIDS WANTED

DENVER, Colo.—Until May 19, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for changes and alteration for forest service, etc., at the U. S. P. O. and Court House, Denver, Colo.

Drawings and specifications may be obtained at the above office and from the Custodian of the Building at Denver.

CONTRACT AWARDED

SELMA, Fresno Co., Calif.—The Robbins Mfg. Co., Chicago, at \$419.00 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. P. O. at Selma.

BIDS OPENED

SACRAMENTO, Cal.—M. R. Carpenter, 907 Front St., Sacramento, at \$12,128 submitted low bid to Constructing Quartermaster, Sacramento, Air Depot, for installation of refrigeration system for clothing and photo paper storage rooms in Depot Supply Building.

Complete bids follow:

M. R. Carpenter, Sacramento: \$12.-128 (begin in 10, finish in 120 days).
Shirar Young Co., San Francisco: \$15,523; (begin in 10, finish in 90 days).

York Ice Machinery Corp., S. F.: \$13,157; (begin in 30, finish in 90 days).

Moore Machinery Co. Los Angeles: \$13,780; (begin in 31, finish in 120 days).

Baker Ice Machine Co., Inc. San Francisco: \$15,128; (begin in 20, finish in 70 days).

Luppen & Hawley, Inc., Sacramento: \$16,300; (begin in 10, finish in 120 days).

Contract Awarded

FEDERAL EXHIBIT BLDG.

Cont. Pr., \$335,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Federal Exhibit building to house the Government exhibits.

Owner—United States Golden Gate International Exposition Commission (George Creel, Commissioner), 200 Bush St., San Francisco.
Consulting Architect—Timothy L. Plueger, 550 Market Street, San

Bids Wanted—To Close July 15,

1:00 P. M.

RESIDENCE, ETC.

Cost, \$.....

BAGUIO, P. I.

Construction of the U. S. High Commissioner's summer residence; garage, servants' quarters and pump house, at Baguio, Philippine Islands.

Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Two sets of drawings and specifications may be obtained free from the above office by applicants from the Continental United States and Alaska. Applicants from Philippine Islands or near-by insular territories or Possessions of the U. S. may obtain drawings and specifications from Construction Quartermaster, Manila, P. I. Additional sets of plans, \$10 per set, payable to the Treasurer of the United States.

BIDS WANTED

ALCATRAZ, Calif.—Until May 24, 2 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for erection of fire escapes from exteriors of certain designated openings on Building No. 64; and furnishing all materials and performing all work required for removal of certain old doors and windows and installation of new ones on first and second floors, and the building of concrete spandrel walls under certain windows and leveling of cement floors adjacent to windows to match office floor level in Administration Bldg. No. 68; Spec. No. 59.

Bids will be opened at Room 415, Post Office Bldg., San Francisco, where they may be delivered in person, or mailed to Warden, U. S. Penitentiary, Alcatraz.

A copy of specifications is now on file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

Low Bidders

RESIDENCE

Cost, \$.....

MANILA, P. I.

Construction of the U. S. High Commissioner's Office and Residence (except elevators and dumbwaiter), and garage and servants' quarters at Manila, P. I.

Owner—United States Government.
Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

The two low bids follow:

Marsman Bldg. Corp., Manila: (Item 1) \$477,663; (Item 2) \$520,914.

Vicking Corp., New York: (Item 1) \$508,558; (Item 2) \$543,558.

Complete Bids

RESIDENCE

Cost, \$.....

MANILA, P. I.

Construction of the U. S. High Commissioner's Office and Residence (except elevators and dumbwaiter), and garage and servants' quarters at Manila, P. I.

Owner—United States Government.
Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

Complete bids follow:

*Marsman Bldg. Corp., Manila—(Item 1) \$477,663; (Item 2) \$520,914. Alt. (a) add \$27,421, ded. \$61,915; Alt. (b) add \$29,142, ded. \$66,585; Alt. (c) ded. \$1025, add \$1056; Alt. (d) add \$1350, ded. \$1605.

Vicking Constr. Corp., New York City—(1) \$508,558, (2) \$543,558; (a) ded. \$15,245; (b) ded. \$15,245; (c) ded. from item 1 \$3000; (c) ded. from item 2 \$3040; (d) add to item 1 \$4,000; (d) add to item 2 \$5000.

MacDonald Constr. Co., St. Louis, Mo.—(1) \$573,347; (2) \$624,692; (a) ded. \$17,575; (b) ded. \$19,485; (c) add to item 1 \$12,000; (c) add to item 2 \$12,300; (d) add to item 1 \$2200; (d) add to item 2 \$2600.

Rob. E. McKee, Los Angeles, Cal.—(1) \$613,000; (2) \$658,000; (a) add \$6,173.75; (b) add \$6,760.23; (d) add to item 1 \$1400; (d) add to item 2 \$1600.

Santa Clara Lumber Co., Inc.—(1) \$630,200; (2) \$675,000; (a) ded. \$19,404.50; (b) ded. \$20,851.75; (c) ded. from item 1 \$5000; (c) ded. from item 2 \$5,150; (d) ded. from item 1 \$1,347; (d) ded. from item 2 \$1670.

All steel windows and doors on this bid, specified under Sections 12, 13, 14 of Specification, are of special sizes, design and manufacture. None of the Manufacturer's agents in the Philippine Islands have been able to give us a firm quotation for these items, and therefore we have included in our bid \$30,500 for the supply of all steel windows and doors of a standard size, etc.

The alterations on this bid are irregular and may have some effect on the award.

SUB-BIDS WANTED

SAN FRANCISCO.—Leo Epp, 4745 Geary Street, is figuring plans and desires sub-bids on all portions of the work for the construction of new roof and other repairs to Warehouse B-2, at Fort Mason, for which bids will be opened May 4, 11 A. M., by the Constructing Quartermaster. 7

BIDS WANTED

SACRAMENTO, Calif.—Until May 24, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for linoleum floor covering and acoustic tile walls and ceilings, at the U. S. Post Office, Court House, etc., at Sacramento.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., at Sacramento.

BIDS WANTED

NEWBERG, Ore.—Until June 3, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for flashing and caulking of parapet walls and windows at the U. S. P. O. at Newberg, Oregon.

Specifications obtainable from the above office and from the custodian of the building. 7

BIDS WANTED

TUCSON, Ariz.—Until June 3, 1 P. M., bids will be received by the Procurement Division, Public Buildings

Branch, Washington, D. C., for air conditioning at the U. S. P. O. and Court House at Tucson, Arizona.

Drawings and specifications may be obtained from the above office. No deposit required. 7

MATERIALS APPROVED

PORTLAND, Ore.—Treasury Dept. approved following building material and equipment awards for rewireing the U. S. Post Office at Portland. E. L. Knight Electric Co., contractor; Branch circuit panels, Coast & Elec. Mfg. Co.; zinc wire, Hazard Insulated Wire Works; switches for switchboard, Trumbull Elec. Mfg. Co. 7

CONTRACT AWARDED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend Street, at \$46 awarded contract by the Constructing Quartermaster, Fort Mason, for installing acoustical tile in Rooms 200-A, 201-B and 204-A of Bldg. No. 100, at the Presidio of San Francisco.

ONTARIO, Ore.—Portland Roofing & Waterproofing Co., Portland, Ore., at \$965.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior waterproofing at the U. S. P. O. at Ontario.

Second bid submitted by Henry L. Grohne, Decatur, Ill., at \$1,837. 7

8— CLUB BUILDINGS

Sub Contracts Awarded

CLUB HOUSE Cont. Pr., \$15,150
SANTA CRUZ, Santa Cruz Co., Cal.
Mission St.

Club house, containing auditorium, stage, lounge, kitchen, storage space, etc.

Owner—Santa Cruz Women's Club (Mrs. Geo. P. Butler, Chairman). Architect—C. J. Ryland, Carmel and Monterey.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Roofing—California Roofing Co., Inc., 172 Center St.

Plumbing, Heating and Sheet Metal—Isant & Wilson, 30 Water St.

Electric Wiring—Star Electric, Inc., 122 Pacific Ave.

Glass—Santa Cruz Glass Co., 355 Pacific Ave.

Hardwood Floors—J. C. Mikkelsen, 106 Mission St.

Brick and Stone Work—Frank J. Sommers, 230 N. Branciforte.

Lumber and Mill Work—Santa Cruz Lumber Co., 84 River St.

Concrete—Evans & Costello, 23 Locust St.

All of Santa Cruz.

9— HOSPITALS

PLANS BEING FIGURED

LOS ANGELES, Calif.—Until May 23, Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., are taking bids from a selected list of contractors for an 8-story class A steel frame and reinf. concrete addition (40x110 ft.) to the Queen of the Angels Hospital, 2301 Bellevue Ave. The project also includes a new 1-story kitchen addition, new auditorium wing, and a corrugated iron garage building. Est. cost \$300,000. Laurence J. Waller, structural engineer, 601½ S. New Hampshire. 9

Sub-Contracts Awarded
HOSPITAL BLDG. Cont. Pr. \$249,800
EAST BAKERSFIELD, Kern County
Calif. Kern General Hospital.

Four-story steel frame hospital wing to provide for 150 patients (concrete walls and floors, brick veneer exterior, tile roof, elevator,

asphalt tile floor surfacing, tiled bathrooms, steam heat from central plant.) Revised plans contemplate leaving two floors of the building unfinished but there will be no structural changes.

Owner—County of Kern.

Architect—Chas. H. Biggar, 554 Harberfelde Bldg., Bakersfield.

Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.

Contractor—Opperman and Co., 1327 Orange Drive, Bakersfield.

Roofing—O. W. McNay, 16669 $\frac{1}{2}$ Chester street.

Plumbing and Sheet Metal—Gundlach Plumbing & Sheet Metal Co. Ltd., 2324 Chester St.

Electric Wiring—Advance Elec. Co., 909 18th Street.

Heating—Wm. M. McKenney, 902 18th Street.

File Work and Marble—Chas. Zink, Rt. 3, Box 310.

Glass—W. P. Fuller Glass Co., 2016 Chester Street.

Iron Grille Work—Kyle & Co., 346 "G" St., Fresno.

Brick and Stone Grading, Foundations, Concrete—Opperman & Co., 1327 Orange Drive.

Lumber and Hardware—Bakersfield Sandstone Brick Co., 501 Sonoma.

Mill Work—Fresno Planing Mill Co., "H" and Monterey Sts.

Painting—John Jenkins, 213 Harding Riverview.

Lathing and Plastering—Alex Simpson, 610 "V" Street.

All of Bakersfield unless otherwise noted.

Bids Wanted—To Close May 31, 2 P. M.

DETENTION COTTAGES Cost, \$.....

ELDRIDGE, Sonoma Co. Cal. Sonoma State Home.

Erection and completion of two one-story reinforced concrete detention buildings with hollow tile partitions, steel sash, wood roof construction and shingle tile roof covering together with steam service conduit, manholes, wire fencing, yard paving and road-work.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Separate bids will be received as follows: (1) general work; (2) electric work; (3) plumbing work; and (4) heating work.

Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

Bids Wanted—To Close May 24, 2 P. M.

SMOKE STACK Cost, \$.....

YOUNTVILLE, Napa Co., Cal. Veterans Home.

Erection and completion of a concrete smoke stack approx. 10-ft. square by 91-ft. 6-in. high, lined with fire brick. Work in addition to concrete stack comprises furnishing and connecting new metal breeching to existing steel stacks and to new concrete stack; relocating existing pipe lines to permit installation of stack.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

Bids Opened

WARD UNIT

AGNEW STATE HOSPITAL, Santa Clara County, Calif.

Erection and completion of Ward Unit No. 3 at Farm, to consist of two-story reinf. conc. building with hollow tile partitions, steel sash, wood roof construction and tile roof covering, together with approx. 1900 lin. ft. of road work, misc. concrete sidewalks, and concrete manholes.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low Bidder—K. E. Parker Co., 135 South Park, San Francisco—\$296,800.

Separate bids were received, as follows: (1) general work; (2) electric work; (3) plumbing work; (4) heating and ventilating work.

Complete bids follow:

General Work

K. E. Parker Co., S. F.\$296,800

Carl N. Swenson Co., San Jose 306,900

Campbell Constr. Co., Sacto. 315,957

John Strona, Chino. 316,179

Herbert Mayson, L. A. (includes telegraphic deduction of \$8,000) 316,477

C. L. Wold Constr. Co., S. F. 323,300

James I. Barnes, L. A. 337,000

Electric Work

Guilbert Bros. Elec. Co., 286 W. Santa Clara St., San Jose 12,354

Spencer Elec. Co., S. F. 12,927

Scott-Butner Elec. Co., Oakland 13,965

Harmon A. Russell, Santa Rosa (includes telegraphic deduction of \$300) 14,172

Severin Elec. Co., S. F. 14,226

Roy M. Butcher, San Jose. 14,496

Abnett Elec. Co., S. F. (includes telegraphic ded. of \$300) 15,003

Cory & Joslin, Inc., S. F. 15,200

Eddy Elec. & Mech. Co., Stockton 15,458

G. H. Armstrong, S. F. 15,474

Plumbing Work

J. A. Pazio, 402 Castro St., Oakland 35,650

James A. Nelson, Inc., S. F. 35,980

Herman Lawson Co., S. F. 35,983

Scott Co., Inc., S. F. 36,337

A. J. Peters, San Jose. 35,529

Earl O. Stice, L. A. 46,980

Heating and Ventilating

W. A. Aschen, 3000 E. 16th St., Oakland 26,875

O'Mara & Stewart, S. F. 28,994

Pacific Heating & Vent. Co., Oakland 29,000

James A. Nelson, Inc., S. F. 29,188

Wm. F. Serpa, San Jose. 29,975

A. J. Peters & Son, San Jose. 30,135

Herman Lawson Co., S. F. 35,983

Scott Co., Inc., S. F. 31,244

Cory & Joslin, Inc., S. F. 31,507

J. J. McDermott, Sacto. 33,939

Skelly & Kohler, S. F. 34,600

(4106) 1st report Apr. 6, 1938. * 9

12— POWER PLANTS

BIDS OPENED

BRAWLEY, Imperial Co., Calif.—

Following bids received by the Imperial Irrigation District, El Centro, April 28, for furnishing and installing cooling tower, heat exchangers, centrifuge, transfer pumps, sump pumps and piping for the Brawley Diesel plant addition; Spec. No. 9.

Bids follow:

The Marley Co., Los Angeles: Sched. 1, \$7678.00.

Poster-Wheeler Corp., Los Angeles: Sched. 1, \$830.00.

Bennett & Taylor, Los Angeles Sch. 1, \$14,790; Sched. 2, \$21,284.95;

Sched. 4, \$559.29; Sched. 5, \$38,835.50.

C. F. Braun & Co., Alhambra: Sch. 2, \$14,801.10.

Ross-Heater Mfg. Co., San Francisco Sch. 2, \$18,666.00.

Sharples Specialty Co., San Francisco: Sch. 3, \$2848.98.

E. C. Nickel, Arcadia: Sch. 5, \$19,967.50.

BIDS OPENED

SEATTLE, King Co., Wash.—Industrial Electric Co., 1304 Stewart St., at \$79,070 submitted low bid to the Board of Contracts and Awards, Seattle, for installing equipment in south receiving substation, Fourth Avenue S. and Spokane St., Seattle.

Total bids follow:

Industrial Electric Co., 1304 Stewart St., Seattle\$ 79,050.00

J. J. Agutter, Seattle 90,180.00

NePage - McKenny Co., Seattle 91,406.00

Van S. McKenny, Seattle 107,500.00

Fritz Ziebarth, Long Beach 109,321.00

A. S. Schindler, Seattle 122,174.00

J. W. Bailey, Seattle 125,323.00

Bids referred to lighting department. * 12

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded

PRODUCTS TERMINAL BLDG. Contract Price, \$155,990

SAN FRANCISCO. Berry Street between Third and Embarcadero.

Construction of 2-story, reinforced concrete, separate addition in back of present building, to be constructed on foundations already laid. Approx. 48,000 sq. ft. floor area each floor. Electrical work included in contract. Bids for elevator, steel rolling doors, etc., to be asked later.

Owner—State of California (Board of Harbor Commissioners) Ferry Building.

Engineer—Frank G. White, Ferry Building.

Contractor—F. C. Amoroso & Sons, NE Cor. Keith and Wallace Sts.

BID CALL WITHDRAWN

SAN DIEGO, Cal.—San Diego City Council, April 25, ordered withdrawal from the market of the call for bids, scheduled for opening May 3, for the substructure of the proposed new city jail and police station to be built at Market St. and Pacific Highway.

The project will be deferred until it has been determined whether or not a Federal grant can be procured, in which event the city would probably proceed with the construction of the complete building. * 13

Planned

EXHIBIT BLDG. Cost, \$600,000

YERBA BUENA SQAULS. Site of the 1939 World's Fair.

Native Filipino pavilion with fountain and bandstand and 100-foot tower, to occupy 60,000 sq. ft. of ground space.

Owner—Commonwealth of the Philippines (Manuel Quezon, Pres.)

Architect—Not Given.

A. D. Williams, technical advisor for President Quezon's now in San Francisco and will make all preliminary arrangements for the exhibit, including awarding of contract for the building to be erected by local workmen.

BIDS WANTED

SAN FRANCISCO.—Until May 4, 1:45 p.m., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for cleaning and lacquering linoleum at Mission Branch Library, 24th and Bartlett Sts.; Noe Valley Branch Library, Jersey St., near Castro St., and Sunset Branch Library, 18th Ave. and Irving Street.

Additional information obtainable from the office of R. A. Chisholm, Supt. of Bldgs., 490 11th St.

Planned
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building, court yard, gardens.
Owner—Alameda and Contra Costa Counties.

Architect—Morrow and Morrow, de Young Bldg., San Francisco.

Bids for construction will be advertised soon. * 13

BIDS WANTED
SAN FRANCISCO.—Until May 12, 3 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, for improving the Crystal Springs cottage. The work includes installation of a shower, refinishing walls and ceilings; altering the kitchen, etc.

Plans and specifications available from Room 701, 425 Mason Street.

BIDS OPENED
SACRAMENTO, Calif.—M. R. Carpenter, 907 Front St., Sacramento, at \$3,946, submitted low bid to Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento, for duct work and equipment for air conditioning in the State Capitol Building at Sacramento.

Other bids were:
McLaughlin Sheet Metal Works, Sacramento—\$4,547.
Luppen & Hawley, Inc., Sacramento—\$5,512. * 13

Sub Contracts Awarded
REST ROOM Cont. Pr., \$3,746
SACRAMENTO, Sacramento Co., Cal. Land Park.
Rest room.

Owner—City of Sacramento.
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Contractor—Chas. F. Unger, 2426 7th Ave., Sacramento.

Plumbing—L. U. Plummer, 1019 J Street.

Electric Wiring—Luppen & Hawley, Inc., 3126 J St.

Sheet Metal—Wagner Sheet Metal Works, 2900 M St.

Lumber—Capital Lumber Co., P.O. Box 1176.

Painting—W. H. Raymond, 2710 Donner Way.
All of Sacramento.

Bids Wanted—To Close May 20, 2:00 P. M.

SHASTA-CASCADE BLDG. Cost, \$.....

YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.

Exhibit building to hold exhibits from Tehama, Lassen, Modoc, Siskiyou, Trinity and Shasta Counties, Calif., and Lake, Columbus and Jackson Counties, Oregon; 1-story and mezzanine circular structure, containing approximately 10,000 sq. ft.; timber construction, composition floors and roof, steel sash.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Pflueger, Supervising Architect; Otto A. Delchmann, Consulting Archt.).

Plans and specifications may be obtained at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, upon deposit of \$25, returnable, and may be

seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the State Architect, 803 State Bldg., Los Angeles.

Bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building. * 13

Bids Wanted—To Close May 20, 2 P. M.

ALAMEDA-CONTRA COSTA BLDG. Cost, \$.....

YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.

Exhibit building, to hold exhibits from Alameda and Contra Costa Counties (wood frame structure containing approx. 16,000 sq. ft. plywood exterior with coat of Rezi-TEX; composition roof, wood floors, wood sash, court surrounded by portico with concrete floor; columns).

Owner—State of California (California Commission for the Golden Gate International Exposition, C. H. Purcell, Executive Officer).

Architect—State Division of Architecture; George B. McDougall, State Architect; Timothy L. Pflueger, Supervising Architect; Morrow & Morrow, Consulting Architects.

Plans and specifications may be obtained at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the State Architect, 803 State Bldg., Los Angeles.

Bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Building, 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building. * 13

Bids Wanted—To Close May 20, 2 P. M.

MISSION TRAILS BUILDING Cost, \$.....

YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.

Exhibit building, to hold exhibits from Santa Barbara, San Luis Obispo, Monterey, Santa Cruz, San Benito and San Mateo Cos. wood frame structure, containing approx. 18,000 sq. ft.; plaster on steel lath exterior; terra cotta tile roof; tower, arcades and pergolas.)

Owner—State of California (California Commission for the Golden Gate International Exposition, C. H. Purcell, Executive Officer).

Architect—State Division of Architecture; George B. McDougall, State Architect; Timothy L. Pflueger, Supervising Architect; Harold A. Edmondson, & Robert Stanton, Consulting Architects.

Plans and specifications may be obtained at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the State Architect, 803 State Bldg., Los Angeles.

Bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Building, 660 Market St., San Francisco, and publicly opening. * 13

Low Bidder
PLASTERING Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair. General plastering for East Hangar; Contract No. 136.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Low Bidder—Leonard Bosch, 167 5th Ave., San Francisco, \$5,752. *

BIDS OPENED
SAN FRANCISCO.—Lacquer Floor Service Co., 2350 Keith St., at \$635, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for cleaning and lacquering linoleum at Mission Branch Library, 24th and Bartlett Sts.; Noe Valley Branch Library, Jersey St., near Castro St., and Sunset Branch Library, 18th Ave. and Irving St.

Other bids were:
Jones Supply Corp. \$691
Inlaid Floor Co. 723
(7282) 1st report May 2, 1938. * 13

Bids Wanted—To Close May 12, 3:00 P. M.

WAREHOUSE Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of warehouse; Contract No. 161.

Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications may be obtained at the above office upon deposit of \$20.

Planned
ANNEX Est. Cost, \$225,000

REDWOOD CITY, San Mateo Co., Calif. Broadway and Hamilton Avenue.

Two-story and basement courthouse annex building with three-story central wing connected by two corridors with the present court-house (elevator and central heating plant).

Owner—City of Redwood City.
Architect—Not Given.

Application will be made PWA for increase in present allocation.

14—RESIDENCE

Completing Working Drawings
CONVENT Est. Cost, \$40,000

SAN FRANCISCO.
Three-story frame and stucco convent (50x109-ft.) containing twenty rooms and chapel, tile and composition roof, tile baths and showers, hardwood and linoleum floors, wood and steel sash, some art glass, promenade tile terraces.

Owner—St. Phillips Parish, Rev. J. R. Campillon, Pastor.

Architect—Martin J. Rist, P. H. e. l. a. n. Building.

Completing Plans
RESIDENCE Est. Cost, \$9000

SAN FRANCISCO. Greenwich and Leavenworth Sts.

Two-story frame and stucco residence (6 rooms), composition roof, tile kitchen and bath, hardwood floors, etc.
Owner—Withheld.

Architect — Martin J. Rist, Phelan Bldg.
Plans will be completed and general bids taken in one week.

Preparing Plans
RESIDENCE Cost, \$6,000
SAN FRANCISCO. Sunset District.
One-story and basement frame and stucco. res., hardwood floors, wood sash, tile bath, etc.
Owner—Withheld.
Architect — Albert H. Larsen, 333 Kearny St., San Francisco.

Bids In—Held Under Advisement
RESIDENCE Cost, \$17,000
SANTA ROSA, Sonoma Co., Calif.
Two-story residence (eight rooms, including large trophy room).
Owner — Barney Lieurance, c/o Architect.
Architect—Mark Daniels, 101 Post St., San Francisco.

Low Bidder
RESIDENCE Cost, \$.....
BERKELEY, Alameda County, Cal. Shasta Road.
One-story studio type residence (six rooms), steel sash, Redwood rustic exterior, shake roof, tile baths, hot air heating system, etc.
Owner — Chas. Bowman.
Architect — Edwin L. Snyder, 2104 Addison St., Berkeley.
Low Bidder—Randolph F. Parks, 2104 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, \$.....
CLAYTON, Contra Costa Co., Calif.
Two - story residence (7 rooms, two baths), Redwood rustic exterior, air conditioning, heating plant, steel sash, tile baths, hardwood floors, etc.
Owner — W. T. Casey.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Contractor—V. A. Davi & Sons, 438 W 10th St., Pittsburg.

Preparing Plans
RESIDENCE Cost, \$9,000
PALO ALTO, Santa Clara Co., Calif.
Two-story frame residence (7 rooms), shingle roof, wood siding, hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect — Albert A. Larsen, 333 Kearny St., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, \$,500
SALINAS, Monterey Co., Calif.
One-story frame residence (hardwood floors, tile baths, wood sash.)
Owner—Tom Jay, c/o Architect.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Contractor—V. H. Moore, 15 Williams Road, Salinas.

Plans Being Figured
RESIDENCES Est. Cost, \$30,000
VISALIA, Tulare Co., Calif.
Four 1-story frame and stucco residences.
Owner—Withheld.
Architect—David H. Horn, Rowell Bldg., Fresno.
Plans are now being figured by a selected list of contractors.

Preparing Plans
RESIDENCE Est. Cost, \$20,000
FRESNO, Fresno Co., Calif.
Two-story frame and stucco residence (4 baths) air conditioning system, steel sash, etc.
Owner—Withheld.
Architect — David H. Horn, Rowell Bldg., Fresno.

Preparing Plans
RESIDENCES Cost, \$7,000 ea.
SAN MATEO COUNTY, Cal. Howard

Park.
Two one-story frame and stucco residences (5 rooms each) hardwood floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Bids Being Received Until May 13.
RESIDENCE Est. Cost, \$5,000
PIEDMONT, Alameda Co., Cal. Pinehaven Tract.
One - story frame and stucco residence (living room, bedroom, service porch, kitchen, sun room and dining room, laundry and furnace room in basement; two-car garage, shingle roof, masonite celotex plaster and wood interiors, oak floors, linoleum bath.
Owner—Withheld.
Plans by C. J. Parsons, 1428 Franklin St., Oakland.
General and sub-bids are now being received by Mr. Parsons.

Contract Awarded
RESIDENCE Cost, \$.....
SANTA CRUZ, Santa Cruz Co., Cal.
Two - story frame and stucco residence (3 bedrooms, 3 baths) hardwood floors, shingle roof, air conditioning system, garage.
Owner—Dr. Philbrook, c/o Architect.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Contractor—Hamilton & Church, 383 Ocean St., Santa Cruz.

Contract Awarded
RESIDENCE Cost, \$.....
CARMEL, Monterey Co., Calif.
Two - story rustic and brick residence (3 bedrooms, 3 baths) air conditioning system, hardwood floors, tile baths, etc.
Owner—Robt. O'Brien, c/o Architect.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Contractor—Miles Bain, 534, Carmel.

Contract Awarded
RESIDENCE Cost, \$.....
CARMEL, Monterey Co., Calif.
Two - story frame residence (bedrooms, 2 baths) shake roof, plaster interior, air conditioning system, etc.
Owner—Dr. McCarthy, c/o Architect.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Contractor—Miles Bain, 534, Carmel.

Preparing Working Drawings
RESIDENCE Cost, \$.....
SAN CARLOS, San Mateo Co., Calif.
One-story frame and wood siding residence (5 rooms) wood shingle roof, central heating plant.
Owner—Withheld.
Architect—V. G. Raney, 233 Post St., San Francisco.
Upon completion of plans, general bids will be asked.

Plans Completed
RESIDENCE Cost, \$.....
SAN LEANDRO, Alameda Co., Calif.
Two - story frame and stucco residence (6 rooms) Spanish architecture, tile roof, etc.
Owner—W. Fratis, c/o Architect.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.
Bids will be asked shortly.

Plans Being Figured—Bids Close
May 9, 2 P. M.
RESIDENCE Cost, \$.....
MARIN COUNTY, Calif.
One-story frame residence.
Owner—Withheld.
Architect—Mario Corbett, 72 3rd Ave. San Mateo.
Following is a partial list of contractors figuring the plans:
A. W. Teather, 405 Cazaneau, Sausalito.
William Yeo, Kentfield.

Fred Starbrook, Mill Valley.
Plans Completed
RESIDENCE Cost, \$5000
WALNUT CREEK, Contra Costa Co.
One - story frame residence (shake roof, wood sash, gas furnace, detached garage).
Owner—C. I. Anderson.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner will take bids.

Plans Completed
RESIDENCES Cost, \$5000 each
SAN FRANCISCO. 14th Avenue and Rivera Street.
Four 1-story frame and stucco residences (5 rooms ea.) hardwood floors, tile baths, wood sash, etc.
Owner and Builder—A. Bernhardt, 924 Taraval Street.
Architect—D. E. Jaekle, 126 Post St.

Completing Plans
RESIDENCE Cost, \$.....
OAKMORE, Alameda County, Calif.
One - story frame, brick veneer and stucco residence (shingle roof).
Owner and Builder—F. T. Tilton.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Completing Working Drawings
RESIDENCE Cost, \$.....
MARIN COUNTY, Calif.
One - story frame residence (five rooms) composition shingle roof, linoleum baths.
Owner—Withheld.
Architect—Geo. W. Travis, 604 Mission St., San Francisco.

Owner Taking General Bids
RESIDENCE Cost, \$.....
HAYWARD, Alameda Co., Calif.
One-story frame and brick residence (3 rooms) shingle roof, some tile in shower and bath, floor furnaces, attached garage.
Owner—Mrs. A. D. Westbrook, 1201 B St., Hayward.
Architect—Not Given.
The owner is now receiving general bids.

Preparing Plans
RESIDENCE Est. Cost, \$4,000
SAN FRANCISCO. Mission District.
One - story and basement frame and stucco residence (tile bath, hardwood floors, wood sash, etc.)
Owner—Withheld.
Architect—A. H. Larsen, 333 Kearny.

Contract Awarded
RESIDENCE Cost, \$15,000
PIEDMONT, Alameda Co., Calif. 3 Sandringham Place.
Two - story frame residence (eight rooms) garage.
Owner—Frank D. Noller, Cntl. Bank Bldg., Oakland.
Architect—Not Given.
Contractor — David Nordstrom, 354 Hobart St., Oakland. 14

PREPARING PLANS
LOS ANGELES, Calif.—Architects Walter C. Wiedeman and Walton D. Becket, 1400 Pacific Finance Bldg., Los Angeles, are preparing working plans for an English country style dwelling (10 rooms, 2 baths) to be built in Coldwater Canyon for Jas. Cagney. Bids will be taken from a selected list of contractors in about three weeks. 14

Preparing Working Drawings
RESIDENCE Est. Cost, \$13,500
BURLINGAME, San Mateo Co., Cal. Ralston Avenue.
Two - story frame and stucco residence (hardwood floors, tile baths wood sash, gas hot air heating system).
Owner—Withheld.
Architect — Ed Musson Sharpe, 111 Sutter St., San Francisco.

Sub Contracts Awarded
RESIDENCE Est. Cost, \$10,000
SAN MATEO, Lot 2, San Mateo
Park, Costa Rica.

New frame residence.
Owner—A. O. Narveson, 2959 20th
Ave., San Francisco.
Architect—W. A. Stephen, 2026 Car-
melita St., San Mateo.

Contractor—Suburban Builders, 126
California Dr., Burlingame.
Roofing—Baer Bros., Garfield & 28th
Ave., San Mateo.

Plumbing—Frank J. Regan, 245 Cali-
fornia Drive, Burlingame.

Electric Wiring—Mausser Electric
Co., 260 Loring Ave., Burlingame.
Heating and Sheet Metal—Currie
Heating & Air-Conditioning Co.,
126 California Dr., Burlingame.

Tile Work—Benett Tile Co., 931 N.
Idaho St., San Mateo.

Glass and Mill—Pacific Mfg. Co.,
Santa Clara.

Hardwd. Floors—Ernest Cinnamond,
232 Arundel, Burlingame.

Iron Grille Work—San Mateo Forge,
500 3rd Ave., San Mateo.

Brick and Stone—Person & Wik, 1431
Laguna Ave., Burlingame.
Grading—L. C. Smith, 235 3rd Ave.,
San Mateo.

Foundations and Concrete—Nick Si-
sevich, 320 S. Delaware, San Mateo.

Lumber—Atlas Lumber Co., 2701 El
Camino Real, San Mateo.

Painting—W. Steele, 1569 Newlands
Ave., Burlingame.

Lathing and Plastering—R. Hamp-
ton, 946 S. El Dorado St., San
Mateo.

Contract Awarded
RESIDENCE & GARAGE
SAN JOSE, Santa Clara Co., Calif.
Seventh and Taylor Sts.

Construction of one-story frame resi-
dence and one-story trucking ga-
rage (60 x 175 ft.).

Owner—Mr. Dalochio, c/o Architect.
Architect—Chas. McKenzie, Twohy
Bldg., San Jose.

Contractor—Joseph Sauti, 545 Madera
Ave., San Jose; (garage, \$5,445;
residence, \$6,945).

Plans Completed
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.

Two - story frame and stucco resi-
dence (nine rooms) shingle roof,
hardwood floors, etc.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard
Ave., Burlingame.

Plans will be figured by a selected
list of contractors within a few days.

Completing Plans
RESIDENCE Est. Cost, \$5,000
SONOMA COUNTY, near Santa Ro-
sa, Calif.

One-story frame and wood siding
residence, shake roof, oil burning
heating system.

Owner—Benjamin Ableman, c/o Ar-
chitect.

Architect—William Herbert, Rosen-
berg Bldg., Santa Rosa.

Upon completion of plans, the Ar-
chitect will take general bids.

Contract Awarded
RESIDENCE Cost, \$10,000
PALO ALTO, Santa Clara Co., Cal.
113 Pitman Avenue.

One-story frame residence with ga-
rage.

Owner—F. M. Crooks, 358 Hawthorne
Ave., Palo Alto.

Architect—Not Given.
Contractor—Phillip Darr, 131 Park
Blvd., Palo Alto. 14

Plans Being Figured—Bids Close
May 10, 4 P. M.

RESIDENCE Cost, \$.....
WOODSIDE, San Mateo Co., Calif.

Two-story frame residence (4 bed-
rooms, 4 baths) servants' quar-
ters.

Owner—Alexander Donald, c/o Arch.
Architect—W. W. Wurster, 260 Cali-
fornia St., San Francisco.

Plans are being figured by a se-
lected list of contractors.

Plans Being Figured—Bids Close
May 12, 4 P. M.

RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Calif.

Two-story frame residence (3 bed-
rooms, 2 baths).

Owner—Everett Glass, c/o Architect.
Architect—W. W. Wurster, 260 Cali-
fornia St., San Francisco.

Plans are being figured by a se-
lected list of contractors.

To Be Done By Day's Work
RESIDENCE Cost, \$.....
SAN FRANCISCO, Cal. W. Car-
lina St., 70 ft. N. Southern Hts.

Two-story and basement frame resi-
dence.

Owner & Builder—Fred Susoeff, 10
Southern Heights Ave.
Architect—F. W. Dakin, 625 Market
St. 14

To Be Done By Day's Work
RESIDENCE Cost, \$6,500
OAKLAND, Alameda County, Calif.

Brookside Ave.
One-story 2-family residence (eight
rooms).

Owner & Builder—Robert B. McNair,
3745 Rhoda Ave.

Architect—Not Given. 14

Contract Awarded
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.

Two - story frame and brick veneer
residence (nine rooms, 3 baths),
shingle roof, hardwood floors,
Colonial style.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard
Avenue, Burlingame.

Contractor—C. H. Bessett Bldg. Co.,
826 Walnut Ave., Burlingame.

Sub Contracts Awarded
RESIDENCE Cost, \$8,500
BERKELEY, Alameda County, Calif.

625 San Luis Road.
One-story frame residence (7 rooms),
garage.

Owner—S. G. Svane, 2351 Virginia
Street.

Architect—E. L. Snyder, 2104 Addi-
son St., Berkeley.

Contractor—R. H. Parks, 688 Grizzly
Peak Blvd.

Roofing—Frank Primrose, 4518 Grove
Street.

Plumbing—J. A. Fazio, 402 Castro
Street.

Tile Work—The Rigney Tile Co., 3012
Harrison St.

Foundations and Concrete—Ensor
T. Buel, 1295 Hearst Avenue,
Berkeley.

Lumber—Oakland Lumber Co., 6901
14th St.

Hardware—B. Simon Hardware Co.,
808 Broadway.

All of Oakland, unless otherwise
noted. 14

Now Taking Sub Bids
RESIDENCE Cost, \$8,000
SAN FRANCISCO, S. San Jacinto,
308 ft. E. of Santa Paula.

Two-story frame residence.

Owner—Ralph A. Head, 398 West
Portal

Architect—Miller & Warnecke, 1700
Financial Center Bldg., Oakland.

Contractor—A. Frederick Anderson,
1093 Longridge Road, Oakland.

Sub bids are now being received
by the contractor on all portions of
the work. 14

Preparing Plans
RESIDENCE Cost, \$.....
SAN FRANCISCO, Mission Dist.

One-story frame residence (5 rooms),
hardwood floors, tile bath, etc.

Owner—Withheld.
Architect—Albert H. Larsen, 333
Kearny St.

Plans Being Figured
RESIDENCE Est. Cost, \$7,500
OAKMORE HIGHLANDS, Alameda
Co., Calif.

Two-story frame residence (hard-
wood floors, tile bath, wood sash).

Owner—Withheld.
Architect—Ray Keefe, 770 Wesley
Ave., Oakland.

Plans are being figured by the fol-
lowing selected contractors:

Clarence H. Thrams, 28 Home Pl.,
Oakland.

Charles Ungaretti, 1727 Foothill
Blvd., Oakland.

Bids will be opened within a few
days.

15—SCHOOLS

Bids Rejected
ELECTRIC, MECHANICAL AND
PLUMBING Cost, \$.....
SAN FRANCISCO, George Wash-
ington High School, Geary Blvd.
and Balboa St., and 30th and
32nd Aves.

Electrical work and mechanical
equipment and plumbing work
for the proposed new gymnasium
and athletic field unit.

Owner—City and County of San
Francisco.

Architect—Chas. H. Sawyer, City
Architect, Room 265, City Hall.

Bids rejected due to possible Fed-
eral aid.

Bids Rejected
GYMNASIUM
SAN FRANCISCO, George Wash-
ington High School, Geary Blvd.
and Balboa St. and 30th and
32nd Aves.

General construction of gymnasium
and athletic field unit; gym 165x
110 ft., of reinf. concrete and
steel frame construction, folding
door dividing girls' and boys'
gyms; offices, showers, lockers
and locker rooms and two grand-
stands each 318 ft. long, seating
3000 each, and football field; two
hitumen-surfaced play yards.

Owner—City and County of S. F.
Architect—Chas. H. Sawyer, City
Architect, Room 265, City Hall.

Bids rejected due to possible Fed-
eral aid.

Plans Completed
ADDITION Est. Cost, \$6500
RIO VISTA, Solano Co., Calif.

One-story frame addition to present
shower room, to consist of in-
structors' offices, girls' showers,
and visiting teen showers.

Owner—Rio Vista Joint Union High
School District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Plans will be forwarded shortly to
State Division of Architecture for
approval.

Plans Completed
ADDITION Est. Cost, \$6500
RIO VISTA, Solano Co., Calif.

One-story frame addition to present
shower room, to consist of in-
structors' offices, girls' showers,
and visiting teen showers.

Owner—Rio Vista Joint Union High
School District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Plans will be forwarded shortly to
State Division of Architecture for
approval.

Plans Completed
ADDITION Est. Cost, \$6500
RIO VISTA, Solano Co., Calif.

One-story frame addition to present
shower room, to consist of in-
structors' offices, girls' showers,
and visiting teen showers.

Owner—Rio Vista Joint Union High
School District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Plans will be forwarded shortly to
State Division of Architecture for
approval.

Plans Completed
ADDITION Est. Cost, \$6500
RIO VISTA, Solano Co., Calif.

One-story frame addition to present
shower room, to consist of in-
structors' offices, girls' showers,
and visiting teen showers.

Owner—Rio Vista Joint Union High
School District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Plans will be forwarded shortly to
State Division of Architecture for
approval.

Plans Completed
ADDITION Est. Cost, \$6500
RIO VISTA, Solano Co., Calif.

One-story frame addition to present
shower room, to consist of in-
structors' offices, girls' showers,
and visiting teen showers.

Owner—Rio Vista Joint Union High
School District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Plans will be forwarded shortly to
State Division of Architecture for
approval.

Trustees of the San Carlos Gram-
mar School are Henry F. Wrigley,
H. A. Jacopi, and Herbert O. Wal-
ters.

Bids Opened
RECONSTRUCTION & ADDITION
OAKLAND, Alameda Co., Cal. Ham-
 pel St. and La Cresta Ave.
 Reconstruction of and addition to
 the Glen View School.

Owner—Oakland School District.
 Architect—W. G. Corlett, 2nd Ave.
 and E. 10th St., Oakland (School
 Administration Bldg.).

Low Bidder—E. T. Leiter Sons, 811
 37th St., Oakland—\$141,867.

Bids received as follows: (1)
 Gross bid; (2) add for installation of
 controlled lighting system in two
 classrooms; (3) deduct for salvage;
 (4) net bid.

Complete bids follow:
 E. T. Leiter Sons, Oakland — (1)
 \$141,967; (2) \$350; (3) \$100; (4) \$141,
 867.

Peter Sartorio, S. F.—(1) \$149,964;
 (2) \$262; (3) \$150; (4) \$149,814.

Carl J. Svenson Co., San Jose—
 (1) \$154,900; (2) \$260; (3) \$200; (4)
 \$154,700.

Monson Bros., S. F.—(1) \$155,412;
 (2) \$290; (3) \$200; (4) \$155,212.

A. Nelson, Inc., S. F.—(1) \$158,843;
 (2) \$260; (3) \$25; (4) \$158,815.

F. C. Stolte Co., Alameda — (1)
 \$164,700; (2) \$200; (3) \$100; (4) \$164,
 600.

Bids held under advisement.
 (743) 1st report Apr. 28, 1938. * 15

LOW BIDDER

GLENDALE, Los Angeles Co., Cal.
 —Atlas Constr. Co., 39 Congress St.,
 Pasadena, submitted low bid to the
 Glendale Board of Education, at \$15,-
 900, for construction of a 2-class-
 room addition to the John C. Fremont
 School, Glendale. Erwood P.
 Elden, architect, 106 E. Wilson St.,
 Glendale.

BONDS VOTED

PLACERVILLE, El Dorado Co.,
 Cal.—The Camino School District
 (John B. Hughes, Secy.) recently
 voted bonds in the amount of \$8,000,
 proceeds to be used for the construc-
 tion of an additional classroom at
 the school. 15

Preparing Working Drawings
ADDITION Cost, \$.....
HILMAR, Merced Co., Calif.
 One-story frame and stucco school
 building to contain an agricul-
 tural shop, classroom, counsel-
 ors' rooms, and toilet facilities.
 Owner—Hilmar High School District.
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.

Sub-Contracts Awarded
SCHOOL Cont. Pr., \$60,900
PORTERVILLE, Tulare County, Cal.
 Olive Street.

Reinforced concrete grammar school
 to contain 8 classrooms, library
 and office.

Owner—Porterville Grammar School
 District (F. M. Crahtree, Clerk).
 Architect—W. D. Coates, 626 Rowell
 Bldg., Fresno.

Contractor—T. C. & W. H. Irwin, 905
 Mildreda St., Fresno.

Plasteing—M. E. Summers, 4421 Van
 Ness Blvd., Fresno.

Masonry—J. M. Brown, Rt. 9, Box
 586, Fresno.

Painting—Eddy Paint Co., 228 West
 Putnam, Porterville.

Floor Covering—C. E. McMullin Co.,
 1225 Broadway, Fresno.

Tile—Premier Tile Co., Pasadena.

Roofing—Valley Lumber Co., Fresno.
 Reinforcing Steel—Kyle & Co., 346 G
 St., Fresno.

Concrete—M. Madsen, 247 Maple St.,
 Fresno.

Lumber—Spalding Lumber Co., Vi-
 salla.

Millwork—Hollenbeck - Bush Planing
 Mill, Fresno.

Sheet Metal—Z. Z. Dowd, 4335 Illi-
 nois, Fresno.

Bond Election
RECONSTRUCTION Cost, \$.....
SAN MATEO, Calif.
 Earthquake proofing of the shop
 building at San Mateo High Sch.,
 including new roof and interior
 steel reinforcing.

Owner—San Mateo Union High Sch.
 District.

Struc. Engr.—Harold B. Hammill,
 381 Bush St., San Francisco.

The San Mateo School District will
 vote June 3 on a proposal to issue
 bonds in the amount of \$49,000 pro-
 ceeds to finance reconstruction of
 shop.

CONTRACT AWARDED

VENTURA, Cal.—Hansen & Izer,
 1276 E. Main St., Ventura, awarded
 contract by San Buenaventura Sch.
 Dist., at \$25,560, for construction of
 the first unit of a new school plant at
 Howard St. and Thompson Blvd.,
 Ventura. Roy C. Wilson and Geor-
 fry N. Lawford, architects, Say Rd.,
 Santa Paula; Manley W. Sahlberg,
 structural engineer, Architects' Bldg.,
 Los Angeles. 15

CONTRACT AWARDED

CAMARILLO, Ventura Co., Calif.—
 P. J. Walker Co., 3900 Whiteside Ave.,
 Los Angeles, awarded contract for
 construction of St. John's Seminary,
 a large institution to be built on a
 100-acre site in Camarillo for the
 Roman Catholic Archdiocese of Los
 Angeles. All work is included in the
 general contract. The seminary will
 include a main chapel and tower, 3
 subsidiary chapels, nuns' convent, of-
 fices, library, auditorium, kitchen,
 classrooms, laboratories, hospital,
 living quarters for 200 persons, power
 and heating plants. Ross Mont-
 gomery, architect; Wm. Mullay, as-
 sociate architect, 3828 Amesbury Rd.,
 Los Angeles. 15

BOND ELECTION

KERN COUNTY, Cal.—Wildwood
 School District will hold an election
 June 3 at which time it is proposed
 to vote bonds in the sum of \$15,000,
 proceeds to be used to finance school
 improvements. J. H. Sanders, A. H.
 Wegis and C. I. Jackson are trustees
 of the district. 15

Contract Awarded

SCHOOLS
ROSEBURG, Douglas County, Ore.
 Construction of new grade school to
 replace old Fullerton School, and
 reconstructing and adding to old
 Rose School Building.

Owner—School District No. 4, Dou-
 glas County, Oregon.

Architect—Tourtelotte and Phillips,
 507 Pearson Fourth Avenue Bldg.,
 Portland.

Contractor—C. A. Chamberlain,
 Roseburg, \$23,790 (Fullerton Sch.)
 and \$25,800 (Rose School).

LOW BIDDERS

CANOGA PARK, Los Angeles Co.,
 Cal.—Baruch Corp., 625 S. Olive St.,
 submitted low bid to L. A. Board of
 Education, at \$22,854, on Proposition
 No. 1, and Atlas Constr. Co., 39 Con-
 gress St., Pasadena, submitted low
 bid at \$57,200, on Prop. No. 2, for
 partial construction of a one-story
 Class A auditorium building at the
 Canoga Park High School, 6850 To-
 rrance Canyon Blvd., Hibbard, Ger-
 ty & Kerton, architects, 1106 Archi-
 tects' Bldg.; Paul Jeffers, structural
 engineer; C. A. Sanborn Co., me-
 chanical engineers. 15

WILL SELL

COALINGA, Fresno Co., Cal.—Un-
 til May 11, 7 p.m., the Coalinga Un-
 ion High School District (H. V. Dodd,
 Clerk), will sell to the highest bid-
 der stage lighting equipment, as fol-

lows.
 One Stage Panel Board provided
 with 16 circuits and nine dimmers,
 each circuit having a safe carrying
 capacity of 1500 watts. Each dimmer
 has sufficient resistance to
 dim its full rated load in lamps to
 a point where the filament cannot
 be seen when in direct view of the
 eye as installed in the auditorium.
 Panel board is the same or equal to
 board listed in Kileg Bros. Condensed
 Catalog as No. 1209, except at
 capacity in circuits and watts.

Twenty-six feet of standard sin-
 gle row Foot Light, porcelain ename-
 l, with sockets spaced 4 inches on
 center, wired for three circuits, the
 same quality and construction as
 EPFC (Form BP).

Two 26-foot sections of standard
 single-row Boarder Light, porcelain
 enameled, provided with three cir-
 cuits, sockets 4-inch on center, of
 same quality and construction EPFC
 (Form BBP).

Two 7-foot sections of Strip Lights
 single row wired for three circuits,
 porcelain, enameled, construction the
 same as that of EPFC (Form SM).

Bids to be delivered to the clerk at
 the high school office on Van Ness
 Ave., Coalinga, and must be accom-
 panied by a certified check in amount
 of 10% of bid. * 15

BIDS WANTED

LOS ANGELES, Cal.—Until May
 23, 3:30 p.m., bids will be received by
 the Claremont City School District
 for a 7-classroom school building to
 be built at 8th and Harvard Streets,
 Claremont. Plans may be obtained
 from the architects, Marsh, Smith &
 Powell, 508 Architects' Bldg., Los An-
 ges, upon deposit of \$25. Estimated
 cost, \$50,000. 15

Bonds Defeated
SCHOOL Est. Cost, \$46,000
HOPLAND, Mendocino Co., Calif.
 One-story frame and stucco gram-
 mar school building to contain
 five classrooms, auditorium, of-
 fices, etc. (tile roof, steam heat-
 ing system, etc.)
 Owner—Hopland Un. Grammar Sch.
 District.
 Architect—John Easterly, Healdsburg
 and Santa Rosa.

Hopland School District defeated
 bond issue April 26 in the amount
 of \$43,000 proceeds of which were to
 have financed construction. A new
 date to vote bonds on a reduced
 scale will probably be set in 1 week.

Low Bidder
SCHOOLS Cost, \$.....
ROSEBURG, Douglas County, Ore.
 Construction of new grade school to
 replace old Fullerton School, and
 reconstructing and adding to old
 Rose School building.

Owner—School District No. 4, Dou-
 glas County, Oregon.

Architect—Tourtelotte and Phillips,
 507 Pearson Fourth Avenue Bldg.,
 Portland.

Low Bidder—C. A. Chamberlain,
 Roseburg, \$23,790 (Fullerton Sch.)
 and \$25,800 (Rose School).

April 29, 1938

Plans Approved
SCHOOL ADDN. Est. Cost, \$30,000
SALINAS, Monterey Co., Calif.

One-story frame and stucco addi-
 tion to the Washington School,
 consisting of music room, manual
 training room, domestic science
 room; composition roof, wood
 sash, etc.

Owner—Salinas City School District.
 Architect—Charles E. Butner, 7 Win-
 ham St., Salinas.

Structural Engineer—F. W. Kellberg,
 320 Market St., San Francisco.

Plans approved by State Division

of Architecture. Application made for PWA funds to assist in financing.

Bids Wanted—To Close May 12, 8:00 P. M.
JUNIOR COLLEGE

Estimated Cost, \$300,000
SAN MATEO Co., Calif.
Peninsula Ave. and N. Delaware.
First unit of new junior college (2-story fireproof science building).
Owner—San Mateo Junior College & High School District.
Architect—H. A. Thomsen, successor to George W. Kelham, 315 Montgomery St., San Francisco.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Separate bids will be received for: (1) general construction, (2) electric work and (3) mechanical equipment. General bids will be received with the following alternate proposals:

- (1) Ded. for omitting interior finish throughout building;
- (2a) Excavation per cu. yd., hand work, add or deduct;
- (2b) Excav. per c.y., steam shovel, add or deduct;
- (3a) Concrete, Class A, per c.y., add or deduct;
- (3b) Concrete, Class B, per c.y., add or deduct;
- (3c) Reinf. steel, per ton, add or deduct;
- (3d) If $\frac{1}{2}$ % by weight of cement of "Tricosal Normal" is added to all exterior concrete walls, add or deduct;
- (4) Add or deduct if 2x4-inch OP studs are used in lieu of metal furring and metal stud partitions.
- (5) Deduct for omitting wood platform and stepped seating in lecture rooms;
- (6) Add or deduct if Donovan Universal design 10B or 11B, or equal, are used in lieu of "Sawyer" type;
- (7) Deduct for omitting metal grilles over marquee at North and South entrances;
- (8) Deduct if 24-gauge galvanized "Armco" iron is used in lieu of copper;
- (9) Metal furring and lathing (See alt. rough carpentry);
- (10) Deduct for omitting wash and stucco coats of cement stucco;
- (11) Deduct for omitting all interior painting of plaster and concrete surfaces;
- (12) Add or deduct if "Optex" blackboards are used in lieu of slate blackboards;
- (13) Deduct for omitting "Light Proof" shades;
- (14a) Deduct for omitting 452 lockers complete with trims and locks from second floor corridor;
- (14b) Deduct for omitting 408 lockers complete with trims and locks from first floor corridor;
- (14c) Deduct for omitting 860 lockers only.

As previously reported, plans and specifications may be obtained from the architect's office upon deposit of \$10.00.

A set of plans and copy of specifications is on file for examination at the office of the Controller in the San Mateo High School Building, in which office bids will be opened.

Contract Awarded
RECONSTRUCTION Cont. Pr., \$1,170,3 BURLINGAME, San Mateo Co., Cal. Reconstruction & earthquake-proofing of Howard Ave. School (two-story wood frame building).
Owner—Burlingame Elementary Sch. Dist. (L. D. Henderson, Supt.), El Camino and Oak Grove Avenues, Burlingame.
Architect—Jas. H. Mitchell, 369 Pine

St., San Francisco.
Structural Engineer—H. E. Ham-mill, 381 Bush St., San Francisco.
Contractor—R. A. McLean & Co., 602 California St., San Francisco.

Contract awarded on basis of acceptance of alternates 1, 2, 3, 4, and 5, all deductions.

Complete bids follow:
G. W. Williams Co., Burlingame—\$15,200.

John E. Branagh, Piedmont—\$15,384.

R. A. McLean & Co., S. F.—\$15,882.
A. Nelson, Inc., S. F.—\$19,947.
Peter Sartorio, S. F.—\$26,868.

Sub Contracts Awarded
SCHOOL BLDG. Cont. Pr., \$41,300
SAN LUIS OBISPO, Calif.

Erection and completion of classroom units Nos. 1 and 2, at California Polytechnic School, to consist of two wood frame buildings covered on exterior with wood siding on walls and composition shingles on roof; interior walls are lined with wall board; windows and doors are of wood.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove.

Mill Work—Hollenback Bush Planing Mill Co., P. O. Box 605, Fresno.
Sheet Metal—H. H. McBride, 1230 Osos St.

Painting—Acme Quality Paint Store, 862 Monterey St.
Roofing—County Roof Service, Emily Street.

Linoleum—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.

All of San Luis Obispo, unless otherwise noted.

CONTRACTS AWARDED

KERN Co., Calif.—Rosedale Union School District, Kern Co., awarded following contracts for materials to be used for construction of a school building in the Rosedale district, a WPA project: Structural steel, Hopper Machine Works, Bakersfield; bolts and washers, Francis Kimball, Bakersfield; reinf. steel, nails, stucco netting and stucco, Bakersfield Sandstone & Brick Co., Bakersfield; cast stone, California Staff & Stone Co., Los Angeles; sand and gravel, C. W. Hartman, Bakersfield; lumber and cement, The King Lumber Co.; roofing felt, Kern County Tile & Roof Co., Bakersfield tile roofing, San Valle Tile Kiln, Los Angeles; plaster and plaster lath, Hayward Lumber & Investment Co., Los Angeles; plumbing fixtures, Bakersfield Plumbing Co., Bakersfield; cast iron and steel pipe and fittings, Summer Plumbing Co., Bakersfield; electric materials, Sam Fingerhut, Bakersfield. Plans were prepared by Perrine & Mackie, Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.

16—BANKS, STORES AND OFFICES

Low Bidder
OFFICE BUILDING Cost, \$.....
BERKELEY, Alameda Co., Cal. Austin Way.

One-story reinforced concrete and brick office building (4x100-ft.) steel sash, linoleum floors, air conditioning, heating and ventilating plant.

Owner—California Farm Bureau.
Architect—Edwin L. Snyder, 2104 Ad-dison St., Berkeley.

Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland.
Bids held under advisement. *

Contract Awarded
STORE BLDG. Cost, \$.....
FRESNO, Calif. Fulton and Kern Streets.

One-story and basement store bldg.; wood construction, steel columns, concrete floors.
Owner—F. W. Woolworth Co., Financial Center Building.
Plans by Engrg. Dept. of Owner.
Contractor—The Austin Co., 1001 Ray Bldg., Oakland.

Sub Contracts Awarded
ALTERATIONS Cost, \$10,000
SAN FRANCISCO, No. 2 Montgomery St.

Alterations to bank building.
Owner—Wells Fargo Bank & Union Trust Co.

Engineers—Sonnegger & Fisher, c/o Contractor.

Contractor—MacDonald & Kahn Co., Ltd., Financial Center Bldg.
Marble—Eisele & Dondero Marble Co., 2985 3rd St.

Plastering—Leonard Bosch, 167 5th Ave.

Plumbing, Heating and Ventilating—Scott Co., Inc., 243 Minna St.
Bronze—Keystone Metal & Plating Works, 310 Tehama St.

Cabinet Work—L. & E. Emanuel, Inc., 2665 Jones St.

Stone—McGivray Raymond Corp., 3 Potrero St.

Electric Work—Decker Electrical Constr. Co., 538 Bryant St.

Underpinning—D. J. & T. Sullivan, Inc., 1940 Folsom St.

Steel Work—Schradler Iron Works, Inc., 1247 Harrison St.

Folding Doors—Kinnear Mfg. Co., 361 Brannan St.

Brick—W. A. Rainey & Son, 323 Clementina St.

Contract Awarded
CAFE Cost, \$12,000
SAN FRANCISCO, E. Osgood Place 97 N Pacific Avenue.

One-story Class C cafe.
Owner—J. Sobrato, 50 Osgood Place.
Architect—Not Given.

Contractor—Robinson and Johnston, 180 Oak Street. 16

Bids Opened
OFFICE BLDG.
OAKLAND, Alameda County, Calif. Franklin St.

One-story reinforced concrete office building to contain ten offices.

Owner—Edward Brown & Son, 1916 Franklin St., Oakland.

Architect—G. E. Ellinger, 1801 Castlerline Road, Oakland.

Separate bids were received for general work, with alternate (a) deduct for buttonboard lath in lieu of metal hot water heating system, air-conditioning and electric work.

Complete bids follow:
General Work
Mark Bristol, 1038 McKinley Ave., Oakland—\$6,998; (a) \$184.

Willis F. Lynn, Oakland—\$7,419; (a) \$215.

George Swanstrom, Oakland—\$7,452; (a) \$160.

Clarence H. Thrans, Oakland—\$7,460; (a) \$175.

John F. Tulloch, Oakland—\$7,639; (a) \$175.

Emil Person, Berkeley—\$7,681; (a) \$215.

W. E. Lyons Constr. Co., Alameda—\$8,000; (a) \$200.

W. C. Tait, S. F.—\$8,498; (a) \$200.

Heating System
Max Finzel Plmng Co., 2025 Hopkins St., Oakland—\$784.

Geo. C. Bell, Oakland—\$884.

Robert Bruen, Oakland—\$898.

Carl T. Doell Co., Oakland—\$789.

Electric Work
Chas. A. Langlais, 472 Tehama St., S. F.—\$400.

Bids held under advisement.

Completing Plans
MEDICO BLDG. Cost, \$
SANTA ROSA, Sonoma Co., Calif.
 Tenth and B Streets.
 Two-story frame and stucco medico-
 dental building to contain four
 suites, wood sash.
 Owner—Dr. R. E. Hamlin, Santa
 Rosa.
 Architect—Clarence Caulkins, Rosen-
 berg Bldg., Santa Rosa. *

Plans Being Figured—Bids Close
MAY 10, 2:00 P. M.
RESTAURANT Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 One-story frame and brick veneer
 restaurant building (54 x 85 ft),
 composition roof, oak floors, steel
 sash.
 Owner—Withheld.
 Architect—Chas. McKenzie, Twohy
 Bldg., San Jose.
 Following selected contractors are
 figuring plans:
 Frank L. Hoyt, 495 S. 13th St.
 Vincent Maggio, 452 N. 15th St.
 John Newell, 838 Minnesota Ave.
 Nielsen & Erbrant, 201 S. Mar-
 ket St.
 All of San Jose.

Contract Awarded
OFFICE BLDG. Cost, \$8,752
SACRAMENTO, Calif. 27th and K
 Streets.
 Construction of small office building.
 Owner—Dr. Dozier.
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.
 Contractor—L. L. Watson, 1768 11th
 Ave.

17— THEATRES

LOW BIDDER
COLTON, San Bernardino Co., Cal.
 —Bakker & Robinson, 732 D St.,
 San Bernardino, submitted low bid
 for erection of a new motion picture
 theater at 250 E I St., Colton, for
 L. C. Meyers, manager of the Col-
 ton Theater. Cost, \$85,000. C. A.
 Balch, architect, 1914 S. Vermont
 Ave., Los Angeles. 17

19—MISC. CONSTRUCTION

BIDS WANTED
MAY 5, 1938.
FORT MASON, Cal.—Until June 2,
 10 a.m. (date postponed from May
 17th), bids will be received by the
 Quartermaster Supply Officer, San
 Francisco General Depot, Fort Ma-
 son, San Francisco, under Bid No.
 928-38-298, for the construction and
 equipment of a single screw Diesel
 steel tug; to be delivered to the
 Quartermaster Corps, afloat at U.S.
 Army Base, Brooklyn, N. Y., or Fort
 Mason, San Francisco, Cal., or Fort
 Armstrong, Honolulu, T. H.
 Plans and specifications may be
 obtained at the above office or from
 the Quartermaster Supply Officer,
 Army Supply Base, First Ave. and
 58th St., Brooklyn, N. Y., upon de-
 posit of \$5.00. *

BIDS WANTED
LOS ANGELES, Cal.—Until May 13
 4 P. M., bids will be received by
 Architect Albert C. Martin, 233 Hig-
 gins Bldg., Los Angeles, for the con-
 struction of a new stadium at 1628
 N El Centro Ave., for Hollywood
 Post No. 43, American Legion. Time
 for completion will be 100 calendar
 days.. All work included in general
 contract except electrical work and
 the structural steel, already fabri-
 cated by Bethlehem Steel Corpora-
 tion. Clearing of the site is under-
 way by Whiting-Mead Co. The sta-
 dium will have approx. 40,000 sq. ft.
 of floor area, extreme dimensions
 195x220 ft., and will provide a total

of 5900 seats, 3400 reserved (opera
 chairs) and 2500 wooden bleacher
 seats. There will be no heating sys-
 tem. Cost estimated at \$140,000.

BIDS WANTED
SAN FRANCISCO—Until May 11,
 10:30 a.m., bids will be received by
 the Signal Office, Ninth Corps Area,
 Presidio of San Francisco, under Bid
 No. C.P. 1084-SC 38-20, for installa-
 tion of a subterranean tie cable be-
 tween new Manhole No. 7 (West
 Side) to Manhole No. 8 and power
 plant (East Side), Naval Air Station,
 North Island, Calif.
 Specifications obtainable from the
 above office. *

BIDS WANTED
SAN FRANCISCO—Until May 18,
 11 a.m., bids will be received by the
 Constructing Quartermaster, Col. H.
 E. Pitz, Q.M.C., Fort Mason, under
 Prop. No. W 6616-38-19, for con-
 structing a concrete wall and in-
 stallng three catchbasins at the San
 Francisco National Cemetery, Pre-
 sidio of San Francisco.
 Specifications obtainable from the
 above office. *

Contract Awarded
ADDITION
LAWNDALE, San Mateo Co., Calif.
 Addition to mausoleum to contain
 family rooms and crypts, in Hills
 of Eternity Cemetery.
 Owner—Congregation Sherith Israel,
 San Francisco.
 Architect — Hyman & Appleton, 68
 Post St., San Francisco.
 Contractor—H. H. Larsen Co., 64
 South Park, San Francisco.

BIDS WANTED
CONTRA COSTA CO., Calif.—Until
 May 17, 3 p.m., bids will be received
 by the U. S. Engineer Office, 208 Post
 Office Bldg., Sacramento, under Bid
 No. 1105-38-257, for removing and
 disposing a boat sunk in the cut be-
 tween Taylor and Dutch Sloughs at
 the southeasterly end of Jersey Is-
 land, Contra Costa Co., Cal.
 Plans and specifications may be
 obtained from the above office. *

BIDS WANTED
SAN FRANCISCO—Until May 10,
 3 p.m., bids will be received by the
 U. S. Engineer Office, South Pacific
 Division, 414 Custom House, San
 Francisco, under Bid No. 868-38-142,
 for constructing and delivering afloat
 one 40-ft. 0-in. by 16-ft. 0-in. by 6-ft.
 6-in. welded steel oil and anchor
 barge to San Francisco Waterfront.
 Plans and specifications may be
 obtained from the above office. *

BIDS WANTED
CENTRAL VALLEY PROJ., Cal.
 —Until June 2, 10 A. M., bids will
 be received by the U. S. Bureau of
 Reclamation, Old Post Office Bldg.,
 Sacramento, under Spec. No. 784, for
 the construction of a warehouse, con-
 crete culvert, drainage channel and
 grading for a storage yard near
 Coram, Calif., Kennett division, Cen-
 tral Valley Project, Calif.
 Work involves:

- (1) 52,350 c.y. excavation;
- (2) 1,530 c.y. backfill;
- (3) 7,200 c.y. compacted fills and
 embankments;
- (4) 2,000 sq. yds. preparing rock
 foundations for concrete lining
 and concrete flume;
- (5) 2,000 sq. yds. trimming sath
 foundations for concrete lining
 and concrete flume;
- (6) 1,000 c.y. riprap;
- (7) 1,040 c.y. concrete in warehouse;
- (8) 300 c.y. concrete in culvert;
- (9) 800 c.y. concrete in concrete lin-
 ing and concrete flume;
- (10) Placing 202,200 lbs. reinf. bars

- and fabric;
- (11) Laying 260 lf. 3-in. and 48-in.
 corrugated metal pipe;
- (12) Erecting 502,000 lbs. metalwork
 for warehouse.
- (13) Furnishing and installing pipe
 handrail, woodwork, plumbing
 and electrical system.
 Plans and specifications may be
 obtained at the above office. *

LOW BIDDERS
WASHINGTON, D. C.—Following
 are the low bids submitted to the
 Commerce Dept., Maritime Commis-
 sion, Washington, D. C., for con-
 struction of 12 single-screw steel
 cargo vessels:
 Philadelphia Shipbuilding Co., one
 vessel, \$2,219,984; two, \$1,997,543 ea.;
 three, \$1,979,739 ea.; four, \$1,987,000
 each.
 Pensacola Shipbuilding Corp., five
 vessels, \$1,960,000 ea.; six, \$1,950,000
 each.
 Sun Shipbuilding & Drydock Co.,
 one diesel vessel, \$2,230,916; two,
 \$2,175,000 ea.; three, \$2,125,000 ea.;
 four, \$2,075,000 ea.; five, \$2,070,000
 ea.; six, \$2,065,000 each. *

BIDS WANTED
WASHINGTON, D. C.—Until June
 22nd, bids will be received by the
 U. S. Navy Department, Washing-
 ton, D. C., for construction of eight
 vessels, consisting of four destroy-
 ers, three submarines and a fleet of
 tugs. *

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED
SAN FRANCISCO—Until May 9,
 10 A. M., bids will be received by the
 U. S. Treasury Dept., J. W. Knox,
 Procurement Officer, Room 518, 49
 Fourth St., San Francisco, under Bid
 No. 5356, for furnishing steel rein-
 forcing bars and steel wire; fob San
 Mateo County. *

BIDS WANTED
LOS ANGELES, Cal.—Until May
 11, 2:00 p.m., bids will be received by
 the Los Angeles Water and Power
 Purchasing Agent, under Spec. No.
 2626, for:
 (1) a) 4500 copper wire connectors
 for No. 6 solid wire;
 b) 15,000 copper wire connec-
 tors for No. 4 solid wire;
 c) 5500 copper wire connectors
 for No. 2 solid wire;
 (2) 3000 rolled type sleeves for No. 4
 solid wire. *

CONTRACT AWARDED
SAN FRANCISCO—Lena Artificial
 Stone Works, 1826 Folsom St., at \$1-
 212.90, awarded contract by T. A.
 Brooks, Purchaser of Supplies, Room
 270, City Hall, under Bid No. 1989,
 for furnishing and delivering arti-
 ficial cast stone work and ornamen-
 tal cast plaster for West Portal Li-
 brary. *

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Kellogg
 Switchboard & Supply Co., 246 First
 St., at \$3309.70, awarded contract by
 T. A. Brooks, Purchaser of Supplies,
 Room 270, City Hall, under Bid No.
 1991, for furnishing one two-position
 low type, common battery telephone
 signal multiple switchboard, includ-
 ing all necessary equipment. *

CONTRACT AWARDED
SAN FRANCISCO—Dundon Iron
 Works, 314 Main St., at \$1,287 award-
 ed contract by the Procurement Di-
 vision, Public Bldgs. Branch, Wash-
 ington, D. C., for replacing boiler
 tubes in the Marine Hospital, at San
 Francisco. *

BIDS OPENED

PALO ALTO, Santa Clara Co., Calif.—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco, at \$46, submitted low bid to the Veterans' Administration, William H. Radcliffe, Supt. of Construction, Palo Alto, under Bid No. 54-38-7, for furnishing one pit frame and cover and one trench frame and cover; f.o.b. Reno, Nevada.

Total bids follow:

Schrader Iron Works, Inc., 1247 Harrison St., S. F.—\$46.

Central Iron Works, Oakland—\$51.75, 2% 10 days.

Independent Iron Works, Oakland—\$88; $\frac{1}{2}$ of 1% 10 days.

Mortensen Construction Co., S. F.—\$66.80.

Architectural Metal Works, L. A.—\$75; 1% 10 days.

Star Ornamental Iron Works, S. F.—\$77; $\frac{1}{2}$ of 1%.

Michel & Pfeffer Iron Works, Inc., S. F.—\$77; net.

Pacific Coast Engineering Co., Oakland—\$90; $\frac{1}{2}$ of 1%.

Kyle Co., Los Angeles—\$92; $\frac{1}{2}$ of 1%.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard Street, San Francisco, at \$1293, $\frac{1}{2}$ of 1% 10 days, f.o.b. San Francisco, submitted low bid and was awarded contract by the U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, under Bid No. 5594, for steel spans; 60-ft. girder and 30-ft. skew, including all structural steel, bolts, etc.; and main structural steel, except anchor bolts and nosing angles. * 20

BIDS OPENED

LOS ANGELES, Calif.—Standard Fence Co., at \$2025, net, submitted low bid to Los Angeles Water and Power Purchasing Agent, or 2057 ft. of 7-ft. chain link fence, etc.; Spc. 2602. Delivery 30 days. Make Cyclone. Terms, net. The other bids were:

Pacific Fence Co.: \$2068; net; delivery 30 days (Pacific).

Whiting-Mead Co.: \$2200; net; delivery 30 days (Page Steel & Wire and W. M. Fencing).

Wickwire-Spencer Steel Co., \$2265; 1% 20 days; delivery 30 days; (Wisconsin Co. 423).

Southern California Fence Co.: \$2269; net; delivery 30 days; (Southern California).

Anchor Post Fence Co.: \$2575.22; terms, net; delivery 30 da.; (Anchor).

Lee Miller Co.: \$3294; $\frac{1}{2}$ of 1% 20 days; delivery 30 days; (Stewart Iron Works 3th). * 20

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Following submitted identical bids at (1) \$1.62 per ton; (2) \$1.99; (3) \$1.28, to the Berkeley City Council (Florence Turner, City Clerk), for furnishing 1000 tons more or less concrete mix. Bids taken on: (1) delivered in city dump trucks from bidder's plant; (2) delivered to job in bidder's trucks; (3) delivered f.o.b. Corporation Yard.

Bidders were:
Contra Costa Building Materials Co., Berkeley.

Chas. S. Hughes Co., Berkeley.

Transit Concrete, Ltd., Oakland. * 20

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Following submitted identical bids at \$2.70 per bbl. to the Berkeley City Council (Florence Turner, City Clerk) for furnishing 3000 barrels more or less of cement.

Contra Costa Bldg. Mats. Company, Berkeley.

Henry Covell Lime & Cement Co., Oakland.

Chas. S. Hughes Co., Berkeley.

Transit Concrete, Ltd., Oakland. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Berkeley Steel Constr. Co., Inc., 2nd and Camelia Sts., Berkeley, at \$1670, $\frac{1}{2}$ of 1% 10 days, f.o.b. Berkeley, submitted low bid and was awarded contract by the U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, under Bid No. 5593, for 120 ft. girder span, including all structural steel, bolts, etc. * 20

CONTRACT AWARDED

LOS ANGELES.—Standard Oil Co. of Calif. was awarded the contract by the Metropolitan Water District at 31c per gallon for 12,000 to 20,000 gals. oil for lubrication of pumps; Spec. E-383. * 20

BIDS OPENED

LOS ANGELES.—Southern Hardwood Co. submitted low bid to U. S. Treasury Dept., Los Angeles, at \$83, total \$650.72, disc. 2% 20 days, for 7840 FBM hard maple flooring, f.o.b. Olive; Inv. No. 38987. Other bids were: Santa Ana Lbr Co., \$84, \$658.55, 2 $\frac{1}{2}$ % 20 da.; Western Hardwood Co., \$84, \$658.56, 2% 30 da.; Galleher-Cline Hardwood Co., \$658.56, 2% 20 da.; American Hardwood Co., \$88, 2% 20 days; Owens-Parks Lbr Co., \$768.32, 5% 30 days. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Beaver Portland Cement Co., Portland, Ore., at \$1.608 per barrel, was awarded contract by the U. S. Forest Service, Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 5588, for furnishing 275 barrels of Portland cement; fob Gold Hills, Ore. Discount \$0.10 per barrel 10th prox. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Yosemite Portland Cement Co., 561 Market St., San Francisco, at \$2.65 per barrel awarded contract by Forest Service, Frank Haynie, Supply Officer, Forest Service Supply Depot, San Francisco, Calif., under Bid No. 5587, for furnishing 125 barrels of Portland cement; fob O'Neals. Discount \$0.10 per bbl. 10th prox. * 20

BIDS OPENED

LOS ANGELES, Cal.—Square Oil Co., Los Angeles, at \$537.84, submitted the low bid to the U. S. Treasury Dept., for furnishing 498 bbls. of road oil, SC2-60/70%, to be spread in San Jacinto. Other bids were:
Telegraph Refining Co., \$1.10, total, \$547.80.

Paulsen & March, Inc., \$1.11, total, \$552.78.

Regal Oil Co., \$1.13, total, \$562.74.

Standard Oil Co., \$1.25, total, \$622.50.

Shell Oil Co., \$1.25, total, \$622.50.

Petrol Corp., \$1.25, total, \$611.25.

Richfield Oil Co., \$1.25.

Union Oil Co., \$1.3103, total, \$652.53.

Gilmore Oil Co., \$1.47, total, \$732.06.

All terms net. Bids taken under advisement. * 20

BIDS OPENED

LOS ANGELES, Cal.—Eight identical bids were submitted to the Los Angeles Water & Power Purchasing Agent, Los Angeles, under Inv. No. 2613, for furnishing 10,000 lb. 500-000 cm 600-volt lead covered cable.

Okonite Callendar Cable Co., \$547

per M. ft. disc. $\frac{1}{2}$ of 1% 10 days. Delivery 15 days.

General Electric Co.; deliv. 32 to 37 days.

Chase Brass and Copper Co.; delivery 30 days.

General Cable Corp.; shipment 10 to 14 days.

John A. Roebbing Sons Co.; shipment 10 to 14 days.

Anaconda Wire & Cable Co.; 21 da. Columbia Steel Co.; 4) days.

Havirshaw Wire & Cable Corp.; 30 days.

Bids taken under advisement.

CONTRACT AWARDED

BOULDER CANYON PROJECT.—Bethlehem Steel Co., San Francisco, at (1) \$8510, and (2) \$11,150, was awarded the contract by Bureau of Reclamation, Denver, under Spec. No. 1051-D, for furnishing and delivering structural steel for transmission towers for the Southern California Edison Co. transformer circuit in the Boulder switchyard, Boulder Canyon Project; fob Boulder City. Structures will be erected by the Government. * 20

BIDS OPENED

SAN FRANCISCO, Cal.—Bids were opened by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing:

(1) One lot fabricated structural steel consisting of 4 trusses and 32 "I" beams; f.o.b. Fort Funston;

(2) One lot fabricated struc. steel, consisting of 4 trusses and 32 "I" beams; f.o.b. Fort Cronkhite.

All bidders specified that freight rates would be deducted from bid prices if title is accepted at plants and steel shipped on government bill of lading. Complete bids were as follows:

J. H. Pomeroy & Co., Inc., S. F.—(1) \$32,486.96; (2) \$32,828.46; shipping point South Chicago.

Bethlehem Steel Co., S. F.—(1) \$34,800; (2) \$35,077; shipped by rail from Lakawanna, N. Y.; (1) \$31,800;

(2) \$32,177; shipped from Atlantic seaboard.

Berkeley Steel Constr. Co., Berkeley—(1) \$33,500; (2) \$34,000; shipping point South Chicago.

The Steel Constr. Co., S. F.—(1) \$38,692; (2) \$38,581; shipping point South Chicago.

Moore Dry Dock Co., Oakland—(1) \$38,530; (2) \$38,530; shipping point Oakland.

Judson Pacific Co., S. F.—(1) \$26,387; (2) \$36,762; shipping points Chicago or Homestead, Pa.

Herrick Iron Works—(1) \$37,300; (2) \$37,500; shipping points Chicago or Homestead.

All bids were held under advisement. Since considerable savings in freight rates are possible if the government accepts title at the plants

and ships on government bill of lading, final award may be made on that basis, with a consequent reduction in contract price. Those prices quoted in bids are prices delivered at Fort Funston and Fort Cronkhite. * 20

& Steel Co., \$1423.75, 2% 30 days; Petroleum Equip Co., \$1481.97, 2% 30 da; Griffith Pipe Supply Co., \$1487.50, 2% 30 da; Calif. Pipe & Supply Co., \$1530, 2% 30 da; A. E. Lyon, \$1557.93, 2% 30 da; Grinnell Co., \$1562.72, 2% 30 da; Pacific Southwest Pipe Co., \$1584.50, 2% 30 da; Plumbing & Htg Supply Co., \$1785, 2% 30 da; Associated Pipe & Engrg Co., \$1816.88, 1% 30 da; Architectural Metal Works, \$1912.50, 1% 10 da. * 20

CONTRACTS AWARDED

LOS ANGELES. — Contracts for plunger valve assemblies, horizontal cylinder valve assemblies, butterfly valve assemblies, and gate valve assemblies, including appurtenant control and operating devices, Spec. 276, awarded by the Metropolitan Water District, Los Angeles, were:

Sch. 1, all bids rejected.
Sch. 2, two 32-in welded steel horiz cylinder valve assemblies, to S. Morgan Smith Co., York, Pa., at \$12,157.

Sch. 3, two 54-in. steel butterfly valve assemblies, to Joshua Hendy Iron Works, San Francisco, at \$11,875.90.

Sch. 4, two 36-in. cast-iron square bottom gate valves, to Koppers Co. (Western Gas Division), Fort Wayne, Ind., at \$2152.18.

Sch. 5, two 54-in. x 54-in. x 32-in. welded steel tees and two 32-in welded steel thimbles, to Southwest Welding & Mfg. Co., at \$1771.08.

Sch. 6, three or five 54-in. x 20-in. welded steel reducing flanges, etc., to Southwest Welding & Mfg. Co., at \$1663.45.

All awards f.o.b. Mfr's plant. * 20

BIDS OPENED

LOS ANGELES. — San Fernando Refining Co. submitted low bid to L. A. County Purchasing Agent at \$1.00 bbl. for 520 bbls. SC-1A road oil delivered and spread on San Francisco Boulevard Road 4 miles north of Bouquet Canyon Road; Quot. 7092.

Other bids were:
Paulsen & March, \$1.08.
Exeter Refining Co., \$1.29.
Gillmore Oil Co., \$1.35.
Square Oil Co., \$1.45.
Union Oil Co., \$1.48.
Standard Oil Co., Richfield Oil Co. and Shell Oil Co., identical bids, at \$1.52.

Tidewater Assoc. Oil Co., \$8.60 ton. * 20

BIDS WANTED

DENVER, Colo.—Until May 18, 2 P. M., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Bid No. 1065-D, for furnishing and delivering one 19.5-ft. by 22-ft. fixed wheel gate, gate frame and metal-work for gate counterweight for Gila River crossing, Gravity Main Canal, Gila Project, Ariz.; fob Blaisdell, Arizona.

Specifications obtainable from the above office. * 20

BIDS WANTED

LOS ANGELES.—Until May 10, 2 p.m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for 1000 ft. 300,000 c m one conductor, 5000-volt varnish cambric insulated, braid-covered cable; 200 ft. No. 8 and 200 ft. No. 4 AWG 3-conductor, 5000-volt varnished, cambric insulated lead-covered cable, for Iron Mtn. pumping plant; 500 ft. No. 4/0 AWG 4-conductor and 200 ft. same 3 conductor, 500 ft. No. 3/0, 500 ft. No 2/0 and 500 ft. No 1/0 3-conductor, 500 ft. No 1/0 and 500 ft. No 2 AWG, 2-conductor; 1500 ft. No 4 and 500 ft. No 6, 3-conductor; 500 ft. No 8, 2-conductor; 500 ft. No 10 3-conductor; 4000 ft. No 10 AWG 2-conductor; 2000 ft.

No 19/22, 6-conductor, and 2000 ft same 4-conductor and 2000 ft same 3-conductor; 200 ft No 2/0 and 200 ft No 4 AWG 1-conductor, 600-volt rubber-insulated lead-covered cable for Iron Mtn. pumping plant. Bid 99027. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Union Truck Center, Fourth and Union Sts., Bakersfield, at \$341.10 for new parts, \$383.50 exchange on old parts, was awarded contract by the Forest Service Supply Officer, Frank Haynie, Supply Officer, Government Island, under Bid No. 5578 for purchase of new caterpillar (or equal) tractor replacement parts; fob Redding. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Cochran & Cell, 417 Sixth St., Oakland, at \$310.70 for new parts, \$385 exchange on old parts, awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5577, for furnishing new Chevrolet (or equal) replacement parts; fob Government Island. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Tretroit Steel Products Co., 111 Sutter Street, San Francisco, at \$1084.90, awarded the contract by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No 1990, for furnishing and delivering steel sash and frame for the West Portal Library. * 20

BIDS OPENED

LOS ANGELES.—Western Iron & Metal Co., 2500 Santa Fe Ave., submitted low bid to L. A. Water & Power Purchasing Agent, at \$1975, disc. 1/2 of 1%, 20 days, for one only 2-bay extension of structural steel, f.o.b. Van Nuys Blvd., Spec. 2603. The other bids were:

Western Pipe & Steel Co., \$2100.
Consolidated Steel Corp., \$2144.
Kyle Steel Constr. Co., \$2160; disc. 1/2 of 1% 20 days.
Soule Steel Co., \$2300.
Pacific Iron & Steel Co., \$3080.
All deliv. 30 days. * 20

BIDS OPENED

LOS ANGELES. — Allis-Chalmers Mfg. Co., 458 S. Spring St., submitted low bid to L. A. Water & Power Purchasing Agent for furnishing four 3000-amp., 7500-volt, triple pole, single throw, oil circuit breakers, Spec. 2586. The bids were: Allis-Chalmers Mfg. Co. (1) breakers \$4860, (2) handle, \$12; (3) device, \$115. General Elec. Co., (1) \$5115; (2) \$21; (3) \$137. Westinghouse Elec. & Mfg. Co., (1) \$5122, (2) \$21, (3) \$137. All terms net; all deliv. 60 days. * 20

BIDS OPENED

LOS ANGELES.—Bids for plant mixed road patching material for one year, Spec. 2606, were opened by Los Angeles Water & Power Purchasing Agent. The items were: (a) f.o.b. dept.'s whse., 410 Ducommun St.; (b) f.o.b. dept.'s yard, 1st and Meyerler Sts., San Pedro; (c) f.o.b. dept.'s yard, 1676 Franklin Ave., Los Angeles; (d) f.o.b. dept.'s trucks, contractor's plant.

Estimated requirements amount to approximately \$275 per month.

The bids were:
Asphalt Paving Materials Co.—(a) \$2.14, (b) \$2.54, (c) \$2.04, (d) \$1.74; net.

Griffith Co.—(a) \$2.30, (b) \$3.90, (c) \$2.65, (d) \$2.25; net.
Pacific Rock & Gravel Co.—(a) \$3,

(b) \$1, (c) \$4, (d) \$2.40; disc. \$0.20 ton 25th prox. * 20

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Ransome Co., 4030 Hollis St., Emeryville, and W. H. Larson, 6015 Chahaly Terrace, Oakland, were awarded contracts by the Berkeley City Council (Florence Turner, City Clk., City Hall), for furnishing asphaltic concrete mix. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 173-000 lb. ft. Douglas fir lumber fob 2572 27th St., Vernon, and/or mill; Invit. 459, opened by U. S. Engineer, Los Angeles, were:

JOB SITE

Three identical bids at \$6873.50; dis. 5% 30 days, submitted by: Chace Lumber & Supply Co., Gluck Bros. and Owens-Farls Lumber Co.

OREGON SHIPING POINTS

Morrill & Sturgeon, Portland, \$2,203.20; 2% 10 days.
Daugherty Lbr. Co., Cottage Grove \$221.85; 2% 10 days.
Hammond Lumber Co., \$2237.75; 2% 30 days.

Geo. E. Miller Lbr. Co., Portland, \$2259; 2% 10 days.

Kelly-Smith Co., \$2378.75; 2% 20 days.

Fleishman Lbr. Co., \$2385.50; 2% 10 days.

Twin Harbors Lbr. Co., Seattle, \$2-140.50; 2% 10 days.

Chapman Lbr. Co., Portland, \$2-452.50; 2% 10 days.

MacDonald & Harrington, S. F., \$2,478.69; 2% 10 days.

J. A. Erwin Lbr. Co., Portland, \$2-507.50; 2% 20 days.

Patrick Lbr. Co., Portland, \$2,552; 2% 10 days.

Sullivan Lbr. Co., Portland, \$2610; 2% 10 days; 30 day delivery.

E. K. Wood Lbr. Co., \$2650; 2% 10 days.

M. A. Wyman Lbr. Co., Seattle, \$2652; 2% 10 days.

Kickitat Fir Lbr. Co., Portland, \$2733; 2% 10 days.

J. F. Sharpe Lbr. Co., Seattle, \$2-768; 2% 10 days.

Willamette Valley Lbr. Co., Dallas City, \$2918.75; 2% 20 days.

W. E. Cooper Lbr. Co., \$2991; 2% 20 days.

A. E. Fickling Lbr. Co., \$3153; 2% 20 days.

James L. Hall, San Francisco, partial bid item 6, \$412.50; 2% 30 days.

CONTRACT AWARDED

SANTA CLARA, Cal.—Gladding Bros. Mfg. Co., Third and Keyes St., San Jose, at \$1,417, awarded contract by the City of Santa Clara (A. J. Cronin, City Clerk, Santa Clara), for furnishing 1936 lin. ft. 18-in. diameter bell and spigot vitrified clay pipe, delivered to Campbell Avenue.

Identical bids at \$1417 were submitted by the following: Gladding Bros. Mfg. Co., 3rd and Keyes Sts., San Jose; Gladding, McBean and Co., San Francisco; California Pottery Co., San Francisco, and N. Clark & Son, San Francisco. * 20

SAN FRANCISCO CO. PERMITS UNDER \$1000

FIVE FLUE jobs, \$75 each; N Ocean, 81 E Pinehurst; E Funston, 25-50 S Lincoln; E Pinehurst, 25-50 N Ocean; owner, E. A. Janssen, 1138 Clement; contractor, Modern Sht. Metal, 4435 Geary.

SIGN, electric, \$170; 4741 3rd St. owner, Elk Horn Garage, Prem.; contractor, Adlute Neon Corp., 5835 3rd St.

ALTER dwelling, \$100; 450 Andover; S. De Gennaro, Prem.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Eridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 27.—Fire Alarm Sys. | 35.—Tunnels |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

SAN JOAQUIN COUNTY, Calif.—Until May 16, 1:30 P. M. bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for the construction of a reinforced concrete slab bridge consisting of four 20-ft. 9-in. spans and two 15-ft. 6-in. spans on concrete pile bents, across Littlejohns Creek, about 0.4 mile east of Farmington, San Joaquin County.

Work involves:

- (1) one lot removing bridge;
- (2) 4 c.y. removing concrete;
- (3) 32,000 lbs. bar reinf. steel;
- (4) 175 c.y. Class A Portland cement concrete;
- (5) 310 lb. timber railing;
- (6) 8 each, bridge deck drains;
- (7) 1 lot misc. items of work;

ALTERNATIVE "A":

- (8) 525 lf. furnishing precast concrete piles;
 - (9) 15 each, driving do;
- ALTERNATIVE "B":

- (10) 525 lf. furnishing cast-in-place concrete piles (type not requiring mandrel);
- (11) 15 each, driving steel shells (do) ALTERNATIVE "C":
- (12) 525 lf. furnishing cast-in-place concrete pile (mandrel type);
- (13) 15 ea., driving steel shells (do).

Plans and specifications may be obtained from the above office upon deposit of 50c. * 21

BIDS WANTED
SACRAMENTO CO., Calif.—Until May 16, 1:30 p.m., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for redecking bridge across Three Mile Slough, 7.4 mi. north of Contra Costa County Line, Sacramento County, Calif.

Work involves:

- (1) one lot removing existing timber deck;
- (2) 24,000 lbs. bar reinf. steel;
- (3) 90 cu. yds. lightweight conc.;
- (4) 9,500 lbs. struc. steel;
- (5) one lot raising existing steel stringers;
- (6) 670 lb. ft. timber wheel guard;
- (7) one lot temporary guard rail.

Plans and specifications may be obtained from the above office upon deposit of \$0.40. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

LOW BIDDER

SAN FRANCISCO.—Frank Legg, 50 Laguna St., San Francisco, at \$632, submitted low bid to the Light-

house Service, H. W. Rhodes, Supt. of Light Houses, Room 425, Custom House, San Francisco, under Bid No. 2392, for furnishing material equipment and labor for driving piles and erecting a 4-pile structure in approximately 5 feet of water on the southerly side of Oakland Creek, about 1200 yards westerly from San Antonio Creek. * 22

CONTRACTS AWARDED

SAN PEDRO, Los Angeles Co., Cal.—Lipscomb & Barclay, 4367 Florida St., San Diego, at \$11,437 (1) and Rohl Connelly Co., 4351 Valley Blvd., Los Angeles, at \$5,700 (2), were awarded contracts by the Public Works Officer, Headquarters, 11th Naval District, San Diego, under Spec. No. 8658, for (1) construction of an inclined crosotted timber seaplane runway, 40-ft. wide extending outboard over and into the water a distance of approximately 182 feet, and (2) about 6000 c.y. dredging in connection with the installation of the runway. * 22

BIDS POSTPONED

ALAMEDA, Alameda Co., Calif.—Until May 16, 11 A. M. (postponed from May 2) bids will be received by the Public Works Office, Twelfth Naval District, Room 353, Federal Office Building, Civic Center, San Francisco, under Spec. No. 8692, for wood test piles, pile test loads and core borings at the Naval Air Station, Alameda.

Plans and specifications obtainable from above office upon deposit of \$10, check or money order, payable to Chief of the Bureau of Yards and Docks. * 22

CONTRACTS AWARDED

SAN PEDRO, Calif.—Rohl-Connelly Co., 4351 Valley Blvd., Los Angeles, at \$5700 (Item 1), and Lipscomb & Barclay, 4367 Florida St., San Diego (Item 2), awarded contracts by the Public Works Officer, Headquarters, 11th Naval District, San Diego, April 26, under Spec. No. 8658, for construction of a timber seaplane runway at the 11th Naval District (Fleet Air Base), San Pedro. Work consists of the provision of materials for and the construction of an inclined crosotted timber seaplane runway, 40 feet wide, extending outboard over and into the water, a distance of approximately 182 feet, and about 6000 c.y. dredging in connection with the installation of the runway, and the construction of an inclined crosotted timber piles supporting crosotted timber caps, deck planking, stringers, guard rails,

etc., all secured together and to the timber piles with galvanized straps, bolts, spikes and miscellaneous iron work. * 22

25— MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO.—Western Machinery Co., 760 Folsom Street, San Francisco, at \$410, net, f.o.b. San Francisco, allowance on used equipment \$100, submitted low bid and was awarded contract by the U. S. Forest Service, G. D. Heustis, Asst. Procurement Officer, Room 1022, Phelan Bldg., San Francisco, under Bid No. 1218, for furnishing two pneumatic wet type jackhammers, not less than 48 lbs.

Total bids follow:

Western Machinery Co., 760 Folsom St.—\$410, net, f.o.b. San Francisco; allowance on used equipment, \$100.

Knox-Hale Machinery Co., S. F.—\$410, 2% 30 days, f.o.b. San Francisco; allowance, \$49.50.

Machinery & Drill Steel Co.—\$410, net, f.o.b. San Francisco; no allowance.

Howard Drullard—\$410, net, f.o.b. San Francisco; allowance, \$90.

Edward R. Bacon Co.—\$410, net, f.o.b. San Francisco; no allowance.

Sam Bates Co.—\$410, net, f.o.b. San Francisco; allowance, \$45.

Gardner-Denver Co.—\$410, net, f.o.b. San Francisco; no allowance.

Leitch Co.—\$430, net, f.o.b. S. F.; allowance, \$60.

Rix Co.—\$430, net, f.o.b. S. F.; allowance, \$52.50.

Independent & Pneumatic Tool Co.—\$430, net, f.o.b. S. F.; no allowance. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Reg. No. 26626, Quo. 56034, for furnishing one ¾-yd. heavy duty diesel powered shovel, f.o.b. Redding.

Bids were:

Norris K. Davis, Inc., San Francisco—\$9849, disc. \$14 30 days.

A. L. Young Machinery Co., Inc., San Francisco—\$9509, net.

Garfield & Co., San Francisco—\$10,375, net.

Spears Wells Machinery Co., Oakland—\$9,200; disc. \$100 10 days.

The Rix Co., Inc., San Francisco—\$9218, net.

Knox-Hale Machinery Co., S. F.—\$8950; 3% 20 days.

Lima Locomotive Works, Inc., San Francisco—\$10,428.

Harron Rickard & McCone Co., San Francisco—\$10,317; \$220 30 da. Browning Crane & Shovel Co., Los Angeles—\$9,538; net.

Northwestern Engineering Co., S. F.—\$9,951.50; 2% 30 days.

Edward R. Bacon Co., S. F.—\$9,874; 5% 30 days.

Harnischfeger Sales Corp., S. F.—\$9,137; \$264 30 days. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—Kelman EL & Mfg. Co., at \$104,194.60, awarded contract by Los Angeles Water and Power Purchasing Agent, Apr. 20, for twenty 600-amp, 1,000,000-kva, 125-v D C circuit breakers; Spec. 2583. 25

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal.—Yellow Truck & Coach Mfg. Co., 1750 E. 12th St., Oakland, at \$1274.08, submitted low bid and was awarded contract by the Berkeley City Council (Florence Turner, City Clerk), for furnishing one 1½- to 2-ton truck with cab over engine.
Total bids follow:
Yellow Truck & Coach Mfg. Co., 1750 E. 12th St., Oakland—\$1274.08.
Nelson Truck & Trailer Co., Oakland—\$1369.90.
J. E. French Co., Ltd., Oakland—\$1438.75 plus \$43.16 sales tax.
Reo Sales Corp., San Francisco—\$1569.78.

BIDS OPENED

TRUCKEE STORAGE PROJECT.—Bids were received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1057-D, for furnishing and delivering two 4x4-ft. high-pressure gate assemblies for installation in the gate chamber of the outlet works at the Boca Dam, Truckee Storage Project, Nevada, Calif. Apparatus will be installed by the Government.
Bids were:

Hardie-Tynes Mfg. Co., Birmingham, Ala.—F.o.b. same, \$12,164; 95,000 lbs.
Smith Corp. (General Iron & Steel Works), Portland, Ore.—F.o.b. same, \$12,450; 98,500 lbs.
Joshua Hendy Iron Works, S. F.—F.o.b. Sunnyvale, \$12,627; 91,200 lbs.
Consolidated Steel Corp., L. A.—F.o.b. Los Angeles, \$13,100/ 94,000 lbs.
Filer & Stowell Co., Milwaukee—F.o.b. same, \$16,500; 93,000 lbs.
McKiernan-Terry Corp., New York—F.o.b. Harrison, N. J., \$19,950; 91,000 lbs.

L. A. Shipbuilding & Drydock Corporation, San Pedro—F.o.b. same \$14,300; 93,000 lbs.

Western Foundry Co., Portland—F.o.b. same, \$12,960; 104,320 lbs.
Koppers Co. (Western Gas Div.), Ft. Wayne, Ind.—F.o.b. same, \$12,118; 87,000 lbs.

Commercial Iron Works, Portland—F.o.b. same, \$9945; 99,000 lbs.; disc. ½%.
Thomas Machine Mfg. Co., Pittsburgh, Pa.—F.o.b. Glenshaw, Pa., \$14,537; 100,000 lbs.; ¼%.
Enterprise Foundry Corp., S. F.—F.o.b. same, \$21,441; 90,000 lbs. * 25

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until May 10, 1 p. m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing three automobiles for the Oakland Fire Department and one automobile for the Auditor's office.
Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN LUIS OBISPO, Cal.—Following submitted bids to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the rental of one portable acetylene and electric welding outfit for approximately 25 working days' use in repairing steel truss members of the Santa Ynez River Bridge south of Buellton Road V-SB-2-D.
Bids taken on:

(1) rate per hour electric welding; (2) rate per hour acetylene welding.
Bids were:

*Prow & Leffler, El Monte: (1) \$2.95; (2) \$2.95.
Fred Beuterbaugh, Lompoc: (1) \$2.50; (2) \$3.50.
G. R. Sadler, Santa Maria: (1) \$3; (2) \$3.00.
Beebe & Bailey, Los Angeles: (1)

\$2.90; (2) \$3.40.
Fleet Oil & Tool Co., Santa Maria: (1) \$3.50; (2) \$3.50.
Western Welding Co., Goleta: (1) \$3.50; (2) \$3.50.
Underground Const. Co., Oakland: (1) \$3.50; (2) \$3.50.
Rock & Gravel Trucking Co., Oakland: (1) \$3.50; (2) \$4.00.
The Electric Welding Works, Santa Barbara: (1) \$3.65; (2) \$4.00.
Fred Army, Wilmington: (1) \$3.90; (2) \$3.90.
*Bid irregular. 25

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until May 17, 1 p. m., bids will be received by the Oakland City Council (W. W. Chappell, City Clerk, City Hall), for furnishing one pumping engine for the Fire Department.
Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

PORTLAND, Ore.—Until May 9, 11 A. M., bids will be received by the District Engineer, 628 Pittock Block, Portland, for furnishing new gas-driven truck with dual rear wheels, 1½-ton capacity, maximum wheel-base, 134-inch, closed cab and chassis; fob Government Moorings, 8010 NW St. Helens Road. 25

BIDS WANTED

LOS ANGELES, Cal.—Until May 9, 3 p. m., bids will be received by U. S. Engineer, Los Angeles, for automatic drainage cast steel gates, 10 in. to 78 in. diam., delivered along L. A. River, between Colorado and Barclay Sts.; Invt. 507. 25

CONTRACT AWARDED

LOS ANGELES, Cal.—F. S. and W. W. Hirsch, at \$22,850, awarded contract by L. A. County Purchasing Agent for fire engine with \$100.00 trade-in allowance on old pumping engine; Quot. 6668. 25

BIDS OPENED

ALAMEDA COUNTY, Calif.—Following bids received by the Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one pneumatic-tired water truck, not less than 1000-gal. capacity tank, equipped with water pump and fittings for two ¾-in. hoses, for approximately 1600 hours' use in Alameda County and vicinity. per hr.

Bruno Skibo, Oakland.....\$1,795
E. J. McCabe, San Francisco.....2.20
Hayward Building Maintenance Co., Hayward.....1.95
D. C. McCabe, San Francisco.....2.50
Ashurst Bros., Hopland.....3.50
A. J. McCosker, Oakland.....3.25
A. Soda & Son, Oakland.....2.24
Garcia Const. Co., Irvington.....2.25
Rock and Gravel Trucking Co., Oakland.....3.15
Lee J. Immel, Berkeley.....2.20
East Bay Const. Co., Oakland.....2.40
E. Sutsos, San Francisco.....1.84
E. Henas, Oakland.....1.93
A. Maccaggi, Los Angeles.....2.43
Joe Cunha, Hayward.....2.49
Portola Truck Service, S. F.....1.89
Tesla Bros., Berkeley.....3.15
Irving Schwartz, S. F.....2.09
W. C. Railing, Menlo Park.....2.25
Teel Bros., Berkeley.....2.45
C. T. Holt, Berkeley.....3.25
John Jerkovich, Fresno.....3.00
Bids taken under advisement. 25

BIDS OPENED

ALAMEDA COUNTY, Calif.—Following bids received by the Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one horse and horse cultivator for

approximately 200 hours' use in Alameda County:

per hr.
Lee J. Immel, Berkeley.....\$1.85
Tesla Bros., Berkeley.....2.00
A. Soda & Son, Oakland.....2.50
Bids taken under advisement. 25

BIDS OPENED

ALAMEDA COUNTY, Calif.—Following bids received by the Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one to four pneumatic-tired dump trucks, body capacity not less than 1½-cy., chassis weight not less than 2500 lbs., for approximately 1600 hrs.' use in Alameda County and vicinity. C. T. Holt, Berkeley: \$1.66 (hl); \$1.76 (bl); \$1.86 (pl).

Chas. L. Harnay, San Francisco: \$2.20 (hl); \$2.61 (pl).
Daniel Gallagher, San Francisco: \$1.76 (hl); \$1.86 (pl).
W. A. Shipley, Pasadena: \$1.76 per hour.
LaPerle & Meamber, Oakland: identical with Holt.
Oscar O. Davis, Oakland: \$1.66 per hour.
Raymond Giaccone, Oakland: \$2.13 per hour.
LeRoy Sinclair, Alameda: \$1.61 per hour.

A. Soda & Son, Oakland, \$2.50 per hour.
Lewis & Stillian, S. F.: \$2.10 per hr. A. O. Fields, S. F.: \$1.86 per hour.
Edw. Malley, Jr., S. F.: \$2.70 per hr. E. Henas, Oakland: \$1.64 per hour.
Walter Fagot, Oakland: \$1.66 per hr. Roy Thompson, Oakland: \$1.60 per hr. S. A. Schultz, Oakland: \$1.75 per hr. Joe Cunha, Hayward: \$1.66 per hr. Portola Truck Service, San Francisco: identical with Holt.

A. J. McCosker, Oakland: \$1.75.
Rock & Gravel Truck Co., Oakland: \$1.86 per hour.
Lee J. Immel, Berkeley: \$1.97 per hr. East Bay Const. Co., Oakland: \$1.075 (hl); \$1.875 (pl).
Bruno Skibo, Oakland: \$1.66 per hr. W. A. Croll, Oakland, identical with Holt.
Roy C. Stillwell, Oakland: \$2.50.
Samuel E. Bonsangue, Los Angeles: \$1.85 per hour.
Margaret Silva, Sonoma: \$2.61.
Peter J. McHugh, San Francisco: \$1.66 per hour.
J. G. Hancock, San Mateo: \$2.49.
Pisenti & Dowling, Stockton: \$3.15.
Bids taken under advisement. 25

BIDS OPENED

ALAMEDA COUNTY, Calif.—Following bids received by the Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one tractor, not less than 20-h.p., equipped with 12- to 14-in. discs capable of cultivating hard ground, for approximately 200 hours' use in Alameda County and vicinity:

per hr.
F. Granzatto, Walnut Creek.....\$2.75
R. P. Easley, Antioch.....4.00
Rock and Gravel Trucking Co., Oakland.....4.40
Lee J. Immel, Berkeley.....2.96
John Chapman, Berkeley.....3.00
A. J. McCosker, Oakland.....3.00
Leonard Madera, Oakland.....3.25
H. Mineo, Redwood City.....2.95
Bids taken under advisement. 25

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until May 19, 10 a. m., bids will be received by the Imperial Irrigation District, El Centro, for switchboard and control equipment for the additions to the District's Diesel power

plant at Brawley, in accordance with Spec. No. 10, copy of which may be obtained at the office of the Chief Engineer and General Superintendent, M. J. Dowds, Imperial, and at the office of the district, El Centro, upon deposit of \$10 per set. Certified or cashier's check or bid bond, 10% W. W. Goodson, secretary. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following bids received by the Los Angeles Board of Public Works for constructing five ornamental lighting systems:

For the installation of an ornamental lighting system in the North Hollywood Park Lighting District:
 E. C. Nickel.....\$11,882.00
 H. O. Bauerie.....12,135.00
 R. H. Walker.....12,215.00
 Marbelite Corp. of America, Ltd.....12,490.00
 R. A. Wattson.....12,734.00
 Newbery Electric Corp.....12,772.00

For the installation of an ornamental lighting system in Barbam Blvd. bet. the city boundary at the Los Angeles river and Cahuena Blvd.
 E. C. Nickel.....\$18,998.00
 H. O. Bauerie.....19,100.00
 Elmer Culbertson.....19,384.00
 Newbery Electric Corp.....19,413.00
 E. C. Nickel.....19,438.00
 Marbelite Company.....19,613.35
 R. H. Walker.....19,659.00

For the installation of an ornamental lighting system in Castelar St. between Figueroa St. and Sunset Blvd.
 R. H. Walker.....\$18,178.00
 H. O. Bauerie.....18,582.00
 E. C. Nickel.....18,832.00
 R. A. Wattson.....18,927.00
 Marbelite Corporation.....19,217.65
 Newbery Electric Corp.....19,746.00

For the installation of an ornamental lighting system in Crenshaw Blvd. between Exposition Blvd. and Sixtieth.
 E. C. Nickel.....\$19,921.00
 H. O. Bauerie.....20,620.00
 R. H. Walker.....20,622.00
 Marbelite Corporation.....21,304.94
 R. A. Wattson.....21,454.00
 Newbery Electric Corp.....21,454.00

For the installation of an ornamental lighting system in the Hol lenbeck Park Lighting District:
 R. H. Walker.....\$ 7,545.00
 H. O. Bauerie.....7,750.00
 Newbery Electric Corp.....7,950.00
 Marbelite Corporation.....7,975.85
 R. A. Wattson.....7,992.00
 E. C. Nickel.....8,000.00

Bids taken under advisement.

BIDS OPENED

ALAMEDA COUNTY, Calif.—Following bids received by the Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one to four pneumatic-tired flat rack trucks, not less than manufacturer's two-ton rating, for approximately 1,600 hours' use in Alameda County and vicinity:
 per hr.
 East Bay Const. Co., Oakland.....\$2.30
 G. W. Thomas, San Francisco.....2.50
 Leonard Madera, Oakland.....2.50
 A. Maccaggi, Los Angeles.....3.50
 Wm. Truffell, Los Angeles.....4.48
 Partola Truck Service, S. F.....1.84
 Raymond Giaccone, Oakland.....1.88
 Tieslaw Bros., Berkeley.....2.13
 Danny O'Gallagher, S. F.....2.50
 Samuel Bonsangue, L. A.....1.95
 Lee J. Immel, Berkeley.....1.85
 Edw. Malley, Jr., S. F.....2.79
 Teel Bros., Berkeley.....2.10
 C. T. Holt, Berkeley.....1.50

Bids taken under advisement.

BIDS WANTED

SACRAMENTO, Calif.—Until May 13, 8-15 p.m., bids will be received by

the Sacramento City Council (H. G. Denton, City Clerk, City Hall), for furnishing four Model G Harley Davidson motorcycles or four Model D.T. 31 Indian motorcycles for the Sacramento Police Department.

Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

BOULDER CANYON PROJECT—Valley Iron Works, Yakima, Wash., at \$18,125 awarded the contract by Bureau of Reclamation, Denver, under Spec. No. 1044-D, for furnishing and delivering twelve 15½-in. diameter butterfly valves for installation in Boulder power plant, Boulder Canyon Project; fob shipping point and/or Boulder City, Nevada. Butterfly valves will be installed by the Government. * 25

CONTRACT AWARDED

WILLITS—Bids for a motor grader, Quot. 56547, Reg. 16955, opened by the State Purchasing Agent, Sacramento, are:

Ed R. Bacon Co., \$4935.80; turn-in \$1060; net bid, \$3875.80; terms, 2% 30 days.

Spears-Wellis Mch. Co., \$4953; turn-in, \$900; net bid, \$4053; terms, \$100 10 days.

Weaver Tractor Co., \$4962.68; turn-in, \$1170; net bid, \$3792.68; terms, \$50 30 days.

John Hale Co., \$4868; turn-in, \$1,290; net bid, \$3578; terms net (awarded contract).

Harron, Rickard & McCone, \$4762; turn-in, \$7181; net bid, \$4044; net.

J. D. Adams Co., \$4880; turn-in, \$1180; net bid, \$3700. Alt., \$5160; turn-in, \$1180; net bid, \$3980; terms, 2% 30 days. * 25

BIDS WANTED

SAN LUIS OBISPO, Calif.—Until May 9, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for rental of three approximately 1100-gallon (or more) capacity oil distributors and two approximately 2100-gallon capacity tank trailer for use at Location "A"; northern San Luis Obispo and southern Monterey Counties, one distributor for 35 days; Location "BW", Santa Barbara County, vicinity of Los Alamos, one distributor and one tank trailer for 12 days' use; Location "C"; southern Santa Barbara County, one distributor and one tank trailer for 8 days' use.

Bids must be submitted on proposal blanks obtainable at the above office. * 25

BIDS OPENED

KENDRICK PROJECT, Wyo.—Bids for one motor driven deep well type pump; one motor driven centrifugal type booster pump; one motor driven gear type oil pump with capacity of not less than 75 g.p.m.; one motor driven gear type oil pump with capacity of not less than 18 g.p.m.; one 4-in. automatic flanged type water jet eductor; one 1-inch automatic screwed type water jet eductor; one 4-in. flanged type water jet eductor for installation in Seminoe power plant, Kendrick Project, Wyoming, Spec. 1058-D, opened by Bureau of Reclamation, Denver, were:

Dane E. Kepner, Denver; f. o. b. Trenton, N. J.; (2) \$294; 210 lbs.; (3) \$781; 1300 lbs.; ½ in.

Yale & Towne Mfg. Co., Stamford, Conn.; f.o.b. same; (2) \$284.60; 775 lbs.; \$249.60; 810 lbs.

Chicago Pump Co., Chicago, f.o.b. same, (2) \$311; 760 lbs.; 2%.

Palmer Supply Co., Seattle, f.o.b. Philadelphia, (4) \$969; 695 lbs.; 2%.

Hendrie & Bolthoff Mfg. & Supp. Co., Denver, f.o.b. Parco, Wyo., (1) \$432.25; alt. \$395.45; 1970 lbs.; 3%.

Mine & Smelter Supp. Co., Denver, (1) \$563.75; 1900 lbs.; (2) \$232.20; 285 lbs.; f.o.b. L. A.; (3) \$545.30; 566 lbs.; f.o.b. Rockford, Ill.

Aurora Pump Co., Aurora, Ill., (1) \$482.80; 1900 lbs.; (3) \$545.30; 566 lbs.; f.o.b. Parco, Wyo.; (2) \$278; 570 lbs.; f.o.b. Aurora; 2%.

Sterling Pump Corp., Stockton, fob Parco, (1) \$487; 1345 lbs.

Schutte & Koerling Co., Philadelphia, f.o.b. same; (3) \$672; 971 lbs.; (4) \$847; 695 lbs.; combination items 3 and 4, \$1519.

Frederick Iron & Steel Co., Frederick, Md., f.o.b. same; (2) \$206; 250 lbs.

Woodin & Little, San Francisco, (1) \$248; 265 lbs.; f.o.b. Seneca Falls, N. Y.; (3) \$448.85; 1030 lbs.; f.o.b. Rockford, Ill.; alt. bid (3) \$423.35.

Wintroath Pumps, Inc., Alhambra, f.o.b. Parco, (1) \$530.80; 1900 lbs.

Virginia Machinery & Well Co., Richmond, Va., f.o.b. Philadelphia, (4) \$931.60; 695 lbs.; 2%.

American Well Works, Aurora, Ill., f.o.b. same, (1) \$398.40; 1540 lbs.

Mountain States Machinery Co., Denver, f.o.b. Minneapolis, (3) \$536; 1025 lbs.

F. H. Whiting Co., Denver, f.o.b. Parco, (1) \$459; 1405 lbs.; 2%.

Dayton-Dowd Co., Denver, f.o.b. Quincy, Ill., (2) \$214; 300 lbs.

Worthington Pump & Machinery Corp., Harrison, N. J., f.o.b. Parco, (1) \$510; 1875 lbs.; f.o.b. Harrison; (2) \$284.75; 300 lbs.; (3) \$569; 1120 lbs. * 25

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until May 31, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 775, for furnishing and delivering (1) four 10,000-kv-a, 60-cycle, 6,900 to 66,400/115,000 Y-volt, self-cooled, single-phase transformers, one 115,000-volt, 600-ampere, 3-phase oil circuit breaker, three 115,000-volt, 3-pole, manually operated, disconnecting switches, one 115,000-volt, 3-phase lightning arrester, and one 34,500-volt air break switch for installation in the Seminoe power plant; (2) four 5,000-kv-a, 63,510/110,000 to 26,560/46,000 Y-volt, self-cooled, single-phase transformers, one 115,000-volt, 600-ampere, 3-phase oil circuit breaker, three 115,000-volt, 3-pole, manually operated, disconnecting switches, and one 115,000-volt, three-pole lightning arrester for installation in the Greeley substation; (3) four 2,500-kv-a, 60-cycle, 63,510/110,000 Y to 13,500-volt, self-cooled, single-phase transformers, three 115,000-volt, 600-ampere, 3-phase, oil circuit breakers, ten 115,000-volt, 3-pole, manually operated, disconnecting switches, and one 115,000-volt, three-pole lightning arrester for installation in the Cheyenne substation, and (4) one 34,500-volt air break switch for installation in the Rawlins substation, Kendrick Project, Wyoming. Apparatus will be installed by the Government; f.o.b. railroad destination and/or shipping point.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until May 10, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for rental of one gas engine driven tractor mounted well drilling machine, complete with all tools and rigging necessary to drill, dry sample, pipe and recover casing of 6-in. I. D. complete and ready for use, without operators, for drilling holes 150 feet deep in vicinity of proposed Van

Nuys retarding basin, near L. A.; Invt. 511. Bid bond 10% must accompany bid. * 25

BIDS OPENED

OROVILLE, Calif.—The following bids received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 Fourth St., San Francisco, under Bid No. 5331, for furnishing 400 sacks of Portland cement; fob Oroville:

Hazleton Lumber Co.: \$0.67, total, \$268; 1% 20 days; 1/2 of 1% 20 days.

Henry Cowell Lime & Cement Co.: \$0.70 1/4, total \$281; 1 day delivery; net.

Macey Lumber Co.: identical. Irrigation Supply Co.: \$0.72 1/2, total \$290; 3 day delivery; net. A. Vaughan & Sons: \$291; 1 day delivery; net. * 27

BIDS WANTED

SAN FRANCISCO.—Until May 13, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Sale No. 171, for the sale of the following miscellaneous property:

Lot No. 1: (Located in Central Shop No. 2, 2800 Alameda St.); 1—1929 Kleiber Ambulance, Engine No. 16-C-364.

Lot No. 2: (Located in War Memorial Building, Van Ness Ave. and McAllister St.):

Approximately 2,000 burned-out Incandescent Lamps, of various sizes and shapes.

Lot No. 3: (Located in Juvenile Detention Home, 130 Otis Street):

One lot of miscellaneous material, consisting of Dressers, Beds, Scales, Chairs, Tire Casings, etc.

Lot No. 4: (Located in San Francisco Hospital, 22nd St. and Potrero Ave.):

Removal daily of grease and bones. Lot No. 5: (Located in Water Department Pumping Station, 23rd Ave. and Sloat Blvd.):

(a) 1 Coliss Cross Compound Steam Pumping Unit, etc.

(b) 1 Byron-Jackson Centrifugal Pump, including Base Plate.

(c) 1 Crocker Wheeler 300-h.p. 2-200-volt Electric Motor.

Lot No. 6: (Located in Water Department Yard, 639 Bryant St.):

200 (more or less) old tire casings.

Lot No. 7: (Located in Water Department Yard, 639 Bryant St.):

(a) Approximately 40 tons of cast iron and iron castings;

(b) Approximately 6 tons steel and steel castings;

(c) Approximately 4,000 pounds of Brass or Bronze and Bronze or Brass Castings.

Lot No. 8: (Located in Municipal Railway Department):

(a) Approximately 65 tons Scrap Rail, Joint Plates, and Manganese Special Work, etc., located in yard at 2600 Geary St.;

(b) Approximately 10 tons Scrap Rail and Manganese Special Work, etc., located in Storage Yard at Mariposa and Bryant Sts.

The above property may be inspected at the points where now located, where it will be deliverable to the buyer on the grounds, in its present condition and without any warranty as to such condition. * 25

26— RAILROADS

BIDS WANTED

WHITE PINE COUNTY, Nev.—

Until May 25, 1:30 P. M., bids will be received by the Directors of the Department of Highways of State of Nevada, Heroes' Memorial Building, Carson City, Nev., for the construc-

tion of grade crossing signals on the State Highway at the Ely Cemetery Crossing of the Nevada Northern Railway, Route 2, Section D1, White Pine County, Nev. Work involves lump sum, w/e-wag signals.

Plans and specifications may be obtained from the State Highway Engineer, Robt. A. Allen, Carson City, Nev.; or at the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, of which \$5 will be refunded. * 26

27—WPA PURCHASES, RENTALS

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5318, for furnishing (1) 325 tons of coarse concrete aggregate, and (2) 175 tons of fine concrete aggregate; fob near Redwood City:

H. E. Casey Co.—(1) \$1.70, (2) \$1.70; total \$850; 5% 30 days; 1 day delivery.

Redwood Materials Co.—Identical bid; 5% 10th prx.

San Mateo Feed & Fuel Co.—Identical bid.

Peninsula Bldg. Materials Co.—(1) \$1.60; (2) \$1.60; total \$800; 5% 10th prx.

Rhodes & Robinson—(1) \$1.30; (2) \$1.70; total \$720; \$0.10 per ton 10th prx. on (1) and 5% 10th prx. on (2). * 27

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Treas. Dept., J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5322, for furnishing (1) reinf. steel bars and (2) steel wire:

Columbia Steel Co.—(1) \$345.84; (2) \$262.70; total, \$608.54; net.

Gunn Carle & Co. and Soule Steel Co.—Same bid.

Wetenhall Co.—(1) \$329.07; (2) \$229.48; total, \$558.55; net, all or none.

Gilmore Steel & Supply Co.—Same; 2-20.

A. M. Castle & Co.—Same; net.

Geo. R. Bormann Steel Co.—Same. Falk—Same.

Baker, Hamilton & Pacific—Same; all or none.

Bethlehem Steel Co.—Same; net; all or none.

Northern Calif. Hdwe. & Steel Co.—Same; net; all or none.

Beattie Steel & Supply Co.—Same. Dunham, Carrigan & Hayden—Same—all or none; 1/2 of 1% 30 da.

Ceco Steel Prod. Corp.—(1) \$324.50, (2) \$236.00; total, \$560.25; all or none; 2-day del.; net. * 27

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Treas. Dept., J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5328, for furnishing 8500 lin. ft. of C.I. water pipe, class 250; 8-inch; f.o.b. Oakland:

U. S. Pipe & Foundry Co.—\$1.204; total \$10,234; net.

American C.I. Pipe Co.—\$1.21; \$10,285; net.

Pacific States C.I. Pipe Co.—\$1.24; total, \$10,540; net. * 27

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Treas. Dept., J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5321, for

furnishing misc. common nails; f.o.b. San Francisco:

Solbach & Nusbaum—\$1483.53; 1 day del; 2% 30 days.

Gilmore Steel & Supply—Identical E. E. Newhall Co.—Same; 2 day del.; 2% 30 days.

Sloss & Brittain—Same as Gilmore.

General Machinery, Calif. Wire Cloth Corp., Marshall-Newell Supply Co., Dunham-Carrigan and Hayden, No. Calif. Hardware & Steel Co., Ducommun Metals & Supply Co., Baker, Hamilton & Pacific, Columbia Steel Co. and The A. J. Glesener Co.—Same bid as above.

Bethlehem Steel Co.—Same; no del. date specified. * 27

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Treas. Dept., J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5320, for furnishing 70 cu. yds. of readymix, Class A concrete; f.o.b. Oakland:

Transit Mix Concrete—\$8.04 per c.y.; total, \$562.80; 1-day del.; 2% 30 days.

Melrose Bldg. Materials Co.—Identical bid.

Charles S. Hughes—Identical bid. Rhodes & Kennedy—Identical bid; \$0.21 per cu. yd.; 30 days. * 27

BIDS OPENED

SAN FRANCISCO.—Following bids received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5319, for furnishing miscellaneous Douglas fir; fob San Mateo County: South City Lumber and Supply Co.: (Lot 1) \$330.75; (Lot 2) \$130.30; 1 day delivery; 2% 20 days.

San Mateo Planing Mill Co.: (1) \$326.50; (2) \$131.40; delivery not specified; 2% 30 days.

Burlingame Lumber Co.: (1) \$324; (2) \$129.60; 1 day delivery; 1% 20 days.

Alvin S. Hatch: identical bid; no delivery specified; 2% 20 days.

Loop Lumber Co.: (1) \$296.10; (2) \$118.44; 5 day delivery; 2% 30 days; all or none.

Rolando Lumber Co.: (1) \$268.65; (2) \$107.45; 4 day delivery; 2% 30 days; all or none. * 27

May 5, 1938

BIDS OPENED

SAN FRANCISCO.—The following bids submitted to the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 Fourth St., under Bid No. 5324, for furnishing miscellaneous Douglas fir; fob Larkin and Beach Sts., San Francisco:

Christensen Lumber Co.: \$465; 1 day delivery; 2% 30 days.

Smith Lumber Co.: \$482.85; 3 days delivery; 2% 10th prx.

Sudden Lbr. Co.: (no total) (1) \$30; (remainder) \$29.50; 10 day delivery; 3% 20 days.

Rolando Lumber Co.: \$469.75; 1 day delivery; 2% 30 days.

Loop Lumber Co.: \$471.78; 1 to 5 day delivery; 2% 30 days. * 27

BIDS OPENED

CHICO, Calif.—Following bids received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 Fourth St., San Francisco, under Bid No. 5327, for furnishing 44 cwt. carbon bisulphide; fob Chico.

Wheeler, Reynolds & Stauffer: \$6.14, total, \$337.70; 3 day delivery; 1% 20 days.

Griffin Chemical Co.: \$6.23, total, \$342.65; 1 day delivery; 1% 20 days. * 27

29— STREETS AND HIGHWAYS

BIDS WANTED

TRINITY CO., Cal.—Until May 25, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 4.1 mi. grading and surfacing with road-mix surfacing and penetration oil treatment at various locations between Big Bar and Junction City, Trinity County, Calif.

Work involves:

- (1) clear and grub right of way;
- (2) 300 M. gals. water;
- (3) 17 c.y. remove existing rubble masonry;
- (4) 61,300 c.y. roadway excavation, without classification;
- (5) 647,100 sta. yds. overhaul;
- (6) 365 c.y. struc. excav.;
- (7) 40 c.y. ditch and channel excav.;
- (8) 7,700 c.y. import borrow;
- (9) 9,000 c.y. import surf. matl.;
- (10) 214 sta. finish roadway;
- (11) 36 tons liq. asph., SC-2 (prime coat);
- (12) 800 c.y. min. aggreg., road-mix surf.;
- (13) 77 tons liq. asph., ROMC-3 or ROMC-4 (road-mix surf.);
- (14) 15 tons liq. asph., ROMC-3 or ROMC-4 (seal coat);
- (15) 26 tons liq. asph., SC-2 (penetration oil treat.);
- (16) 215 c.y. sand sealcoat and penetration oil treatment;
- (17) 294 lbs. bar reinf. steel;
- (18) 10 c.y. class A portland cement conc. strucs.;
- (19) 300 c.y. light riprap;
- (20) 4,200 sq. yds. wire mesh slope protection;
- (21) 4 lf. 12-in. CMP;
- (22) 64 lf. 18-in. CMP;
- (23) 64 lf. 24-in. CMP;
- (24) 24 lf. 30-in. CMP;
- (25) 30 lf. 36-in. CMP;
- (26) 68 lf. remove, clean and relay existing CMP;
- (27) 1 only, remove and reset headwalls.

Plans and specifications may be obtained at the above office. * 29

BIDS WANTED

SOLANO CO., Cal.—Until May 25, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.2 mile grading and surfacing with plant-mixed surfacing and constructing underdrains one mile SW of Cordelia underpass, Solano Co., Calif.

Work involves:

- (1) 15 M. gals. water;
- (2) 88,000 c.y. roadway excavation, without classification;
- (3) 1,200 c.y. import borrow;
- (4) 280 c.y. struc. excav.;
- (5) 11 sta. finish roadway;
- (6) 7,500 tons crushed rock filling material;
- (7) 200 tons min. aggreg., plant-mix surf.;
- (8) 8 tons screenings (seal coat);
- (9) 10 tons liq. asph., ROMC-4 or 5 (plant-mix surf.);
- (10) 2.6 tons liq. asph., SC-1A (prime coat) and penetration oil treatment;
- (11) 0.8 ton asph. emulsion (seal coat);
- (12) 3 c.y. class A portland cement concrete structures;
- (13) 250 lbs. bar reinf. steel;
- (14) 460 lf. 12-in. CMP;
- (15) 84 lf. 24-in. CMP;
- (16) 22 lf. 30-in. CMP;
- (17) 96 lf. 36-in. CMP;
- (18) 316 lf. 12-in. perf. metal pipe underdrains;
- (19) 500 lf. 18-in. perf. metal pipe

- underdrains;
- (20) 86 lf. 24-in. perf. metal pipe underdrains;
- (21) 560 lf. remove and salvage culvert pipe;
- (22) 158 lf. remove and relay culvert pipe;
- (23) 0.2 mile new property fence;
- (24) 0.1 mile move and reset exist. fences;
- (25) 5 each, monuments.

Plans and specifications may be obtained at the above office. * 29

CORRECTION—BIDS WANTED

MERCED COUNTY, Calif.—Until May 25, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.7 miles to be graded, portions to be paved with Portland cement concrete and asph. conc. and portions to be surfaced with plant-mix surfacing on untreated crushed gravel or stone and constructing reinforced concrete bridges between 5.7 miles southerly and Merced, Merced County.

Work involves:

- (1) 300 sta. clear and grub;
- (2) 3,900 M. gals. water;
- (3) 19,000 c.y. rdwy. excav., unclass.
- (4) 350 c.y. ditch and channel excavation;
- (5) 2,600 c.y. struc. excav.;
- (6) 145,000 c.y. imported borrow;
- (7) 16,500 sta. yds. overhaul;
- (8) 650 c.y. remove exist. concrete;
- (9) 40 c.y. broken conc. riprap;
- (10) 79,000 sq. yds. preparing subgrade;
- (11) 300 sta. finish rdwy.;
- (12) 270 tons asph. cement, Grade E, membrane seal;
- (13) 10,000 tons untreated crushed gravel or stone, base surf. and borders;
- (14) 2,600 tons min. agg., plant-mix surf.;
- (15) 130 tons liquid asphalt MC-5 or MC-extra heavy plant mix surf.
- (16) 18 tons do, MC-2 prime coat;
- (17) 16 tons asph. emulsion seal coat and paint binder;
- (18) 150 tons screenings, seal coat;
- (19) 110 tons liquid asph., SC-2 penetration oil treatment;
- (20) 170 tons asph. cement asph. conc.;
- (21) 3,400 tons min. aggregate asph. concrete;
- (22) 400 c.y. Portland cement conc. base;
- (23) 12,575 c.y. Class B Portland cement conc. pave.;
- (24) 617,000 lbs. bar reinf. steel pave. and struc.;
- (25) 17,350 each pavement dowels;
- (26) 6,875 pavement tie bolt assemblies;
- (27) 2,800 c.y. Class A Portland cement conc. struc.;
- (28) 454 lf. 12-in. CMP;
- (29) 448 lf. 18-in. CMP;
- (30) 290 lf. 24-in. CMP;
- (31) 112 lf. 36-in. CMP siphons;
- (32) 154 lf. 48-in. CMP siphons;
- (33) 4 each existing headwalls moved and reset;
- (34) 2 each 36-in. conc. joints pipe siphons;
- (35) 6 each 48-in. do;
- (36) 9 each 18-in. automatic drainage gates;
- (37) 315 lf. existing culverts removed, cleaned and salvaged;
- (38) 30 lf. existing culverts removed, cleaned and relaid;
- (39) 1 each cast steel frame and cover for drop inlet;
- (40) 610 lbs. steel covers drop inlets;
- (41) 2,914 lf. solid timber railing;
- (42) 1,800 lf. laminated guard rail;
- (43) 242 lf. remove and salvage guard rail;
- (44) 45 each culvert markers and side posts;
- (45) 5.5 miles new property fence;
- (46) 25 each drive gates;

- (47) 7 each walk gates;
- (48) 2,620 sq. yd. asph. paint binder;
- (49) 19 sections pavement crossing devices, type A-12;
- (50) 24 do, type B-12;
- (51) 57 each monuments;
- (52) 90 each expansion joint assemblies;
- (53) 179 ea. contraction joint assemblies;
- (54) 1 lot misc. items of work;
- (55) Alternative Items—Alt. "A"
5,430 lf. furnish conc. piles cast in place, type not requiring mandrel;
- (56) 186 each driving steel shells, type not requiring mandrel;
- (57) Alternative "B"
5,430 lf. furnish concrete piles cast in place, mandrel type;
- (58) 186 each driving steel shells, mandrel type.

A bidder is required to submit a bid on one alternative and may, but is not required, to submit bids on both alternatives.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SHASTA CO., Cal.—Until May 25, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.7 mi. grading and surfacing with washer run base and salvaged surfacing base and constructing a reinforced concrete box culvert, at 0.8 mile east of Bella Vista and between Seaman's Gulch and 6.3 mi. east of Ingot, Shasta Co., Cal.

Work involves:

- (1) 2.6 acres clear and grub;
- (2) 300 M. gals. water;
- (3) 56,000 c.y. roadway excavation, without classification;
- (4) 1,725 c.y. struc. excav.;
- (5) 225 c.y. ditch and channel excavation;
- (6) 3,700 c.y. imported borrow;
- (7) 6 c.y. remove existing conc.;
- (8) 316,000 sta. yds. overhaul;
- (9) 170 sta. finish roadway;
- (10) 5,850 tons crusher run base;
- (11) 2,230 c.y. salvage surf.;
- (12) 48 tons liq. asph., SC-2 (prime coat);
- (13) 35 tons liq. asph., 90-95 (seal coat);
- (14) 495 tons screenings (seal coat);
- (15) 65 c.y. class A portland cement concrete strucs.;
- (16) 6,000 lbs. bar reinf. steel;
- (17) 10,000 sq. yds. wire mesh slope protection;
- (18) 25 c.y. light riprap;
- (19) 84 lf. 18-in. CMP;
- (20) 40 lf. 24-in. CMP;
- (21) 6 lf. 60-in. CMP;
- (22) 3 each, remove and reset headwalls;
- (23) 316 lf. remove, clean and relay existing CMP;
- (24) 56 lf. remove, clean and salvage existing CMP;
- (25) 30 each, culvert markers;
- (26) 34 each, guide posts;
- (27) 14 each, monuments.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until May 17, 8:15 P. M., bids will be received by Alameda City Council, D. E. Dyer, City Clerk, City Hall, for the improvement of Broadway St. from Otis Drive to Encinal Avenue, Alameda. Work involves:

- (1) 120,438 sq. ft. grading;
- (2) 900 tons crusher run rock;
- (3) 2,900 tons asphaltic concrete, Type B;
- (4) 8,710 sq. ft. concrete gutter;
- (5) 100 sq. ft. concrete gutter bridge;
- (6) 4,084 lf. concrete curbing;
- (7) 1,650 sq. ft. 4-in. vit. driveway;

- (8) 20,170 sq. ft. 3-in. concrete sidewalk;
 - (9) 270 lf. 3 1/2"x30-inch No. 8, galv. corrugated culvert;
 - (10) 75 lf. 3 1/2"x24-inch No. 8, galv. corr. culvert;
 - (11) 2 standard catchbasins.
- Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Arizona Sand & Rock Co., Box 1522, Phoenix, at \$7813.29, awarded contract by the Phoenix City Commission for improvement of Fifth Avenue, between Holly St. and Encanto Blvd. Resolution of Intention No. 6578. * 29

BIDS OPENED

STATE OF OREGON.—The Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, Oregon, received bids for bridge and highway construction, as follows:

COOS COUNTY: Landrith Bridge over South Fork of Coos River on Landrith County Road. Alternate A: Construct 150 lf. steel truss span with 550 lf. pile trestle approaches; requiring approximately 12,400 lf. of piling, 69 MFMB lumber; 286 c.y. concrete, 23,000 lbs. metal reinforcement, and 105,000 lbs. structural steel. Alt. B: Construct 150 lf. steel truss span without pile trestle approaches. The bids for this project will be received for and in behalf of and will be considered by the County Court of Coos County.

Low Bidder: Tom Lillebo, Reedsport, \$33,351 (Alt. A); \$23,115 (Alt. B).

Other Bidders: Coos Bay Dredging Co., Marshfield, \$33,683 (Alt. A); \$25,354 (Alt. B); J. W. and J. R. Hillstrom, Marshfield, \$35,028 (Alt. A), \$23,978 (Alt. B); Mountain States Constr. Co., Eugene, \$40,742 (Alt. A), \$28,387 (Alt. B).

DESCHUTES COUNTY: Brothers Oasis on Central Oregon Highway, Federal Aid Project No. 147-H. Drill and case a well approximately 450 lf. in depth.

Low Bidder: Janssen Drilling Co., 526 NW Broadway, Portland, \$1372.

Other Bidders: A. A. Durand, Walla Walla, \$1629; R. J. Strasser, Drilling Co., Portland, \$1837; C. E. Scott, Prineville, \$1885; Shave Bros., Bend, \$1950; Steinman Bros., Portland, \$2,242; A. M. Edwards and O. E. Haigh, Lexington, \$2,632; C. E. Williams, Summer Lake, \$2737.

KLAMATH COUNTY: Lobert-Moody Point Section of The Dalles-California Highway, Federal Aid Proj. No. 83-A: 5.03 miles of grading and 2.58 miles talus rock roadbed topping. Requires approx. 80,000 c.y. of excavation, and 45,000 c.y. talus rock topping. This project may be bid in combination with the Williamson River Bridge Project in Klamath Co.

Awarded: Coos Bay Dredging Co., Marshfield, \$4,420.

Other Bidders: Fisher Bros., Oregon City, \$43,835; E. C. Hall Co., Eugene, Ore., \$44,378; Jacobsen-Jensen Co., Portland, \$46,347; Leonard and Slate, Multnomah, Ore., \$50,072; Kern & Kibbe, Portland, \$50,420; Clifford A. Dunn, Klamath Falls, Ore., \$53,119; Kuckenberg Constr. Co., Portland, \$53,194; McNutt Bros., Eugene, \$54,274; G. I. Stebbins Constr. Co., Klamath Falls, Ore., \$57,945; F. C. Dillard, Medford, \$60,705.

LANE COUNTY: Singaw Junction Ross Station Section of the Pacific Highway, Federal Aid Projects Nos. 262-A and 262-C: 6.37 miles paving, equiring approximately 3,400 c.y. of pit-run gravel topping, 11,900 c.y. of crushed rock or crushed gravel, and

82,700 sq. yds. Portland cement concrete pavement.

Awarded: Mountain States Constr. Co., Eugene, \$144,216.

Other Bidders: Jacobsen - Jensen Co., Portland, \$145,757; Harold Blake, Portland, \$149,707; Edlefsen - Weygandt, Portland, \$149,877; Oregon Contracting Co., Portland, \$158,387.

MARION COUNTY: Pringle Creek Taylor Creek Section of the Pacific Highway, Federal Aid Project No. 176-C: 5.47 miles roadside improvement, requiring approximately 4,500 c.y. top soil excavation, seeding 13 acres to grass, and planting 2,600 vines, 85 shrubs and 156 trees.

Awarded: River Bend Sand and Gravel Co., Salem, \$5,934.

Other Bidders: Leonard & Slate, Multnomah, Ore., \$9,856; United Contracting Co., Stock Exchange Bldg., Portland, \$10,570.

TILLAMOOK CO.: Mills Bridge-Jordan Creek Section of Wilson River Highway, Federal Aid Projects Nos. 191-A, B, C, D: 12.38 miles of oil mat surface treatment, and 1,000 c.y. slide excavation.

Awarded: J. C. Compton, McMinnville, \$26,954 tar.

Other Bidders: (1st figure tar, 2nd figure oil): Babler Bros., Portland, \$27,693, no bid road oil; Warren-Northwest, Inc., Portland, \$28,499, no bid road oil; Edwin C. Gerber, Oregon City, \$30,054, \$29,994; O. C. Yocum, Portland, \$30,133, \$31,069; McNutt Bros., 351 1/2 E. Broadway, Eugene, \$33,908, \$34,028. * 29

BIDS OPENED

STATE OF OREGON.—The Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, received bids for bridge and highway construction, as follows:

BAKER COUNTY: Baker - Flagstaff Hill Section of Baker-Homestead Highway: Federal Aid Secondary Proj. No. FAS 16-4: 5.68 miles grading and oiling; also furnish 2,000 c.y. crushed gravel in stock piles. Requires approximately 58,000 c.y. of excavation, 19,000 c.y. pit-run gravel topping, 2,000 c.y. crushed gravel, and 60,000 sq. yds. oil mat surf. treatment.

Low bidder: E. H. Itschner, Molalla, \$38,762.

Other bidders: Newport Const. Co., and Kern & Kibbe, Portland, \$41,008; Roy L. Houck, Salem, \$45,161; Leonard & Slate, Multnomah, \$48,412.

CLATSOP COUNTY: Walluski River Bridge Section of Nehalem Secondary Highway: Federal Aid Secondary Project No. FAS 213-1. Remodel 130 lf. steel swing span; construct 348 lf. pile trestle approach, and 0.34 mile grading and surfacing. Requires approximately 26,000 lbs. structural steel, 176 M-FBM treated and untreated lumber, 8,600 lf. piling, 24,700 c.y. excavation, and 1,600 c.y. of crushed rock surfacing.

Awarded: Mountain States Const. Co., Eukene, \$38,788.

Other bidders: Makela Const. Co., Astoria, \$39,273; J. F. Johnston, Newberg, \$40,004; Gilpin Const. Co., Portland, \$41,712; Dolan Const. Co., Tillamook, \$44,458.

LINCOLN and Tillamook Counties: Otis-Boyer Section of Salmon River Highway, State Project. Furnish approximately 5,000 c.y. crushed rock or crushed gravel in stock piles.

Low bidder: O. C. Yocum, 2407 NW 28th, Portland, \$12,900.

Other bidders: River Bend Sand & Gravel Co., Salem, \$12,975; Saxton, Looney and Riskey, Oak Grove, \$13,720; Harold Blake, Portland, \$15,000.

LIN COUNTY: Sheep Ridge-Toll Creek Section of Santiam Highway, Federal Aid Project No. 196-F: 1.53 miles grading, requiring approx. 301,000 c.y. excavation, 130 c.y. concrete and 20,000 lbs. metal reinforcement.

Awarded: Leonard & Slate, Multnomah, Ore., \$133,379.

Other bidders: Diesel Oil Sales Co., Seattle, \$137,010; Berke Bros., Inc., Portland, \$137,639; J. A. Lyons, Portland, \$138,465; Fisher Bros., Oregon City, \$139,960; Kern & Kibbe, Portland, \$142,381; McNutt Bros., Eugene, \$152,510; Roy L. Houck, Salem, \$154,671; Morrison-Knudsen Co., Boise Ida., \$160,665; E. C. Hall Co., Eugene, \$163,296; Joplin & Eldon, Portland, \$194,341.

WASHINGTON and Columbia Cos. Wolf Creek Bridges on Wolf Creek Highway, Federal Aid Project No. 186-A. Construct two concrete bridges one 90-ft. long, and the other 130-ft. long, requiring approximately 410 c.y. concrete, 85,000 lbs. metal reinforcement, and 480 lf. concrete handrail.

Awarded: Snook Brothers, Eugene, \$14,105.00.

Other bidders: Mountain States Const. Co., Eugene, \$15,832; J. F. Johnston, Newberg, \$15,960; Frank Watt Const. Co., Portland, \$16,377; Shattuck & Neland, Portland, \$16,199; Warren-Northwest, Portland, \$16,740; R. F. Nichol, Vale, \$17,080; Averill & Corbin, Portland, \$17,550; Edlefsen - Weygandt Co., Portland, \$17,640.

YAMHILL COUNTY: McMinnville Section of Pacific Highway West, Federal Aid Project No. 122-B: 2.04 miles of roadside improvement, requiring approximately 2,400 c.y. top soil excavation; 16,000 lf. penetration type oiled rock gutter, seeding ten acres to grass, and planting 72 trees.

Awarded: River Bend Sand and Gravel Co., Salem, \$5457.

Other bidders: Leonard & Slate, Multnomah, \$6184; O. C. Yocum, Portland, \$6255; United Contr. Co., Portland, \$7939; J. C. Compton, McMinnville, \$8489.

YAMHILL CO.: Spaulding Ranch Section of Salem-Dayton Secondary Highway: Federal Aid Secondary Project No. FAS 6-A: 1.66 miles of grading, surfacing and oiling; also furnishing 250 c.y. crushed rock or crushed gravel in stock piles. Requires approximately 18,000 c.y. of excavation, 15,500 c.y. crushed rock or crushed gravel, and 20,000 sq. yds. oil mat surface treatment.

Awarded: Mountain States Const. Co., Eugene, \$28,944.

Other bidders: Saxton, Looney and Riskey, Oak Grove, Ore., \$29,514 (tar); Leonard & Slate, Multnomah, \$31,897 (tar); \$32,422 (road oil); Harold Blake, Portland, \$32,571 (tar); Oregon Contr. Co., Portland, \$33,629 (tar); E. C. Hall Co., Eugene, \$35,207 (tar); Joplin & Eldon, Portland, \$36,000 (tar); \$36,251 (road oil); Edwin C. Gerber, Oregon City, \$36,229 (tar), \$36,229 (road oil). * 29

BID CALLS CANCELLED

STATE OF OREGON.—The Oregon State Highway Commission, Public Service Bldg., Portland, cancelled bid calls on the following jobs:

CLACKAMAS CO.: Mollalla Section of Woodburn-Hood Highway, Secondary Highway, State Project; 1.523 lf. of paving, equiring approx. 1,100 c.y. excavation and 4300 sq. yds. Portland cement concrete pavement.

LAKE COUNTY: Cottonwood Ck.-Maddock Corner Section of Klamath Falls - Lakeview Highway, Federal Aid Secondary Project No. FAS 29-A; 2.0 miles grading and talus rock roadbed topping.

KLAMATH COUNTY: Williamson River Bridge Section of The Dalles-California Hwy. Federal Aid Project No. 83-A. Construction of 270 lf. of reinforced concrete bridge, requiring 620 c.y. concrete, 124,000 lbs. of metal reinforcement and 560 lf. of concrete handrail.

Bids were called for April 28.

BIDS WANTED

YAKIMA CO., Wash.—Until May 16, 11 a. m., bids will be received by the Yakima County Engineer, O. E. Brashears, for county surfacing and grading projects, as follows:

- (1) Draining and surfacing with crushed stone about 4 miles of Mahton-Bickleton Road. Work involves: 6000 c.y. crushed stone surfacing, 1½-in. minus; 1000 c.y. crushed stone surfacing, ¾-in. minus; 1000 c.y. crushed stone surfacing, ¾-in. minus in stock-pile; 213 cu. structural excavation; 192 ft. 12-in., 33 ft. 15-in., and 306 ft. 18-in. concrete pipe;
- (2) Grading, draining and surfacing with crushed stone 5¼ miles of Tampico Road. Work involves: 49,890 c.y. unclass. excav., incl. borrow; 420 cu. Class D excav; 357 cu. struc. excav.; 9550 cu. y. station overhaul; 1450 cu. y. m. overhaul. Crushed stone surfacing: 14,430 c.y. sub base course, 4470 cu. y. base course; 5580 cu. y. top course; 1320 cu. y. stockpile; 903 feet 12-in., 258 feet 18-in., and 45 feet of 24-in.

Plans and specifications may be obtained from the county engineer upon the deposit of \$5.00. * 29

CONTRACT AWARDED

GRAHAM COUNTY, Ariz.—W. E. Hall Const. Co., P. O. Box 289, Phoenix, at \$100,453, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction of the Solomonville-Duncan Highway FA 77-B (1938) AFE 7007. The work, which begins about 11.5 miles east of Solomonville and extends easterly about 6.75 miles, consists of grading and draining over a new alignment and is to be completed on or before Jan. 31, 1939. * 29

CONTRACT AWARDED

BURLINGAME, San Mateo Co., Cal.—Pacific States Const. Co., 708 Call Bldg., San Francisco, at \$22,385.70 was awarded contract by the Burlingame City Council, J. R. Murphy, City Clerk, City Hall, for 0.6 mile of resurfacing with asphaltic concrete, together with grading, gutters, curbing sidewalks and appurtenances, on El Camino Real between Bellevue Ave. and Peninsula Ave.; and 0.17 mile widening and resurfacing with asphaltic concrete with combined concrete curb and gutter on each side of the street six ft. in width on Broadway, between S. P. railway and the Bayshore Highway, Burlingame. * 29

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Packard Contr. Co., 914 W. Coronado Rd., Phoenix, at \$123,091.27 awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of Benson-Stearns Pass Highway FA 130-B (1938) AFE (8603). The work, which extends from the Arizona-New Mexico state line westerly for 6.1 miles, consists of grading, draining, aggregate base course and oil processing (SC-2 road oil road mix) and is to be completed on or before December 31. * 29

CONTRACT AWARDED

PIMA CO., Ariz.—Tanner Constr. Co., 801 Security Bldg., Phoenix, at \$53,586, awarded contract by the Arizona State Highway Commission, Howard S. Reed, State Highway Engineer, Phoenix, for construction of grading, draining, aggregate base course and processing, on about 3.6 miles extending from a point about 27 miles southeast of Tucson at the Papago Indian Reservation boundary (FAS 110-E 1938). * 29

COMPLETE BIDS

PHOENIX, Maricopa Co., Ariz.—Arizona Sand & Rock Co., Box 1522, Phoenix, submitted low bid to the Phoenix city commission at \$733,229 for improvement of Fifth Avenue between Holly St. and Encanto Blvd. Resolution of Intention No. 6578.

- Work involves:
- (1) 792 sq. yds. 3-in. plant-mix oil process pavement (track area);
 - (2) 792 sq. yds. aggregate base course under oil process pavement (track area);
 - (3) 792 sq. yds. grading under oil process pavement (track area);
 - (4) 2829 sq. yds. 3-in. plant-mix oil process pavement;
 - (5) 2830 sq. yds. 6-in. aggregate base course under oil process pavement;
 - (6) 2830 sq. yds. grading under oil process pavement;
 - (7) 247 sq. yds. 6-in. Portland cement concrete pavement;
 - (8) 247 sq. yds. grading under 6-in. concrete pavement;
 - (9) 1760 sq. yds. parkway grading;
 - (10) 7405 sq. ft. Portland cement concrete sidewalk, 4 in. thick;
 - (11) 1480 lin. ft. combined curb and gutter, Detail "E-1";
 - (12) 185 lin. ft. single curb, Detail "F-1";
 - (13) 107 lin. ft. valley gutter, Detail "Z";
 - (14) 490 lin. ft. 8-in. plain concrete pipe;
 - (15) 3 manholes, Detail No. 16;
 - (16) 1 resetting trolley pole;
 - (17) 10 water main valve boxes;
 - (18) 2 resetting water main valve boxes.

The total bids were:

(A) Arizona Sand & Rock Co., \$7,813.29.
 (B) Phoenix-Tempe Stone Co., \$8,547.30.
 (C) Daley Corp., \$9082.50.
 (D) W. E. Hall Const. Co., \$9596.55.

The unit bids were:

	(A)	(B)	(C)	(D)
(1).....	\$ 56	\$ 65	\$ 70	\$ 65
(2).....	.09	.25	.20	.20
(3).....	.07	.20	.25	.25
(4).....	.56	.62	.65	.65
(5).....	.24	.28	.28	.30
(6).....	2.60	2.23	2.8	3.5
(7).....	1.80	1.80	2.00	2.00
(8).....	.25	.25	.30	.35
(9).....	.10	.10	.15	.14
(10).....	.16	.18	.18	.19
(11).....	.95	1.10	1.10	1.15
(12).....	.55	.75	.80	.90
(13).....	.95	1.10	1.10	1.15
(14).....	.83	* .65	.70	.90
(15).....	80.00	75.00	90.00	90.00
(16).....	25.00	5.00	12.00	20.00
(17).....	9.00	2.50	6.00	8.00
(18).....	2.50	2.50	2.09	5.00

LOW BIDDER

GRAHAM COUNTY, Ariz.—W. E. Hall Const. Co. P. O. Box 289, Phoenix, at \$100,453, submitted the low bid to the Arizona State Highway Commission, Phoenix, for highway construction of the Solomonville-Duncan Highway FA 77-B (1938) A F E 7007. The work, which begins about 11.5 miles east of Solomonville and extends easterly about 6.75 miles, consists of grading and draining over a new alignment and is to be completed on or before January 31, 1939. Complete bids shortly. * 29

CONTRACT AWARDED

POMONA, Calif.—G. O. Gartz, 124 W. 6th St., Los Angeles, at \$32,878, awarded contract by the Pomona City Council for improving E. Holt Avenue, between Reservoir St. and Towne Ave., about 0.5 mile, involving 193,400 sq. ft. of 6-in. cement concrete pavement, including grading. * 29

BIDS OPENED

SAN DIEGO—V. R. Dennis Constr. Co., 3911 5th Ave., San Diego, submitted the low bid to the San Diego city council, at \$111,008, for the improvement of a portion of the alley in Blk. 4, amended map of subdivision of Lots 7 to 17, inc., Blk. N, Teralta, between Orange Ave. and the south line of Lot 39, Blk. 4; 1911 Act. The work involves:

- (1) 108 cu. y. excavation;
- (2) 3870 sq. ft. subgrade;
- (3) 3870 sq. ft. 6-in. concrete paving;
- (4) 193.5 ft. 4-in. C I water main;
- (5) one water service.

H. W. Jorgenson, city engineer. The bids were:

V. R. Dennis Constr. Co.—(1) 50c, (2) 1c, (3) 21c, (4) \$1.00, (5) \$12.00; total, \$1111.08.
 Harry L. Foster—(1) 60c, (2) 1.5c, (3) 17.5c, (4) \$1.63, (5) \$14; total, \$1129.63. * 29

BIDS WANTED

LOS ANGELES, Calif.—Until May 18, 10 A. M., bids will be received by the Los Angeles Board of Public Works for the construction of storm drain, grading and otherwise improving Pickford Street bet. Sycamore Ave. and Redondo Blvd. (PWA Proj. No. 1461-D, Unit No. 6); Contract No. 3:

- (1) lump sum for all grading, inc. removal of existing improvements;
- (2) 14,082 sq. ft. 3-inch rock and oil roadway;
- (3) 450 sq. ft. 8-in. conc. pavement (local depressions);
- (4) 117 ft. light class unplas. curb;
- (5) 112 sq. ft. 4-in. 1-course walk (driveways);
- (6) 1556 sq. ft. 6-in. conc. gutter;
- (7) lump sum for storm drains, complete;
- (8) 254 ft. 69-in. reinf. conc. pipe (DM) 1050-D Case III;
- (9) 42 ft. 66-in. do;
- (10) 600 ft. 15-in. standard strength cement concrete pipe;
- (11) 195 ft. 12-inch do;
- (12) 9 catchbasins, No. 38;
- (13) 9 catchbasins, frame and cover sets;
- (14) 1 manhole "AX";
- (15) 1 manhole frame and cover set;
- (16) 1 manhole shaft;
- (17) 9 remodel orna. light conduit;
- (18) 1 12-in. brick wall seal for 66-in. RCP;
- (19) 1 remove exist. conc. seal from 72-in. RCP.

Specifications obtainable from the above office. * 29

BIDS OPENED

SOUTH PASADENA, Calif.—W. E. Hall Co., 1025 S. Westminister Ave., Alhambra, at \$33,971.32, submitted low bid to the Pasadena City Council for improving East Mission St., between Fair Oaks Ave. and 75 feet of the east city boundary, about 0.59 miles. Total bids follow:

W. E. Hall Co.....\$33,971.32
 Griffith Co.....34,911.14
 Bebek & Brkich.....36,038.68
 Osborne Co.....36,302.09
 Geo. J. Bock Co.....36,259.70
 Geo. R. Curtis Paving Co.....38,135.48
 J. E. Haddock, Ltd.....38,261.17
 Southwest Paving Co.....39,248.14
 Gog & Rados.....39,308.05
 Bids taken under advisement. * 29

CONTRACT AWARDED

UTAH STATE—W. W. Clyde and Co., Springville, Utah, were awarded the contract by the Utah State Road Commission April 22, at \$37,141, for constructing 3.107 miles road mix oiled highway on the Lehi-Saratoga Road, Utah County, FAS No. 9-A, Sta. 0 plus 08 to Sta. 164 plus 95, 20-ft. wide. * 29

BIDS WANTED

SANTA CLARA, Cal.—Until May 25, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for additional sidewalk for the U. S. Post Office at Santa Clara. * 29

LOW BIDDERS

LOS ANGELES CO., Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$348,496.75, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphaltic cement concrete and plant-mixed surfacing about 3.7 mi., and constructing a reinforced concrete girder bridge between Tunnel Station and Placerita Canyon, Los Angeles County.

Second lowest bidder was Claude Fisher Co., Ltd., Los Angeles, at \$368-027.50.

Complete bids will be given shortly. * 29

BIDS WANTED

SANTA CLARA, Santa Clara Co., Cal.—Until May 25, 10 A. M. (as previously reported) bids will be received by the Procurement Division, Public Buildings Branch, Washington D. C., for additional sidewalks at the U. S. P. O. in Santa Clara.

Specifications obtainable from the Custodian of the Building, or from the Assistant Director of Procurement, Public Buildings Branch, W. E. Reynolds, Washington, D. C. * 29

LOW BIDDER

ARIZONA STATE.—Tanner Const. Co., 801 Security Bldg., Phoenix, at \$53,886, submitted low bid to Arizona State Highway Commission, Howard S. Reed, State Highway Engineer, Phoenix, for construction of grading, draining, aggregate base course and processing on about 3.6 miles extending from a point about 27 miles southeast of Tucson at the Papago Indian Reservation boundary (FAS 110-E 1938). Complete bids shortly. * 29

LOW BIDDER

SOUTH GATE, Los Angeles Co., Calif.—R. H. Liggett, 4308 Lugo Ave., Lynwood, at \$18,966.30, submitted low bid to the South Gate City Council, for constructing a pedestrian subway and appurtenant work at Firestone Blvd. and Garden View Avenue. * 29

CONTRACT AWARDED

SAN FRANCISCO.—M. Bertolino, 32 Shotwell St., San Francisco, at \$3,240, awarded contract by the Department of Public Works, Room 251, City Hall, for improving sidewalks on the west side of Capital Avenue, Montana to Minerva Sts., and other locations. Estimated cost, \$2400. * 29

30—RESERVOIRS & DAMS

CONTRACT AWARDED

SEATTLE, Wash.—Winston Bros., 4580 Colorado St., Seattle, at \$79,860, awarded contract by the U. S. Engineer Office, District Engineer, 754 Central Bldg., Seattle, under Circ. Prop. 176, for construction of brush and rock dike connecting McGlinn's Island and Goat Island, Skagit Bay, near southern entrance to Swinomish Slough. * 30

LOW BIDDERS

HOLLISTER, San Benito Co., Cal.—Bodenhamer Constr. Co., 1101 75th Ave., Oakland, at \$157,214.50, submit-

ted low bid to the Pacheco Water District, Bank of America Building, Hollister, for construction of the North Fork Dam and Spillway.

Macco Constr. Co., Clearwater, at \$167,887.50, submitted second low bid.

Complete bids will be published shortly. * 30

CONTRACTS AWARDED

DENVER, Colo.—Following contracts awarded by the Bureau of Reclamation, Denver, Colo., under Spec. No. 774, for furnishing and delivering (1) 40 102-in. ring-seal gates for installation in outlet works in Grand Coulee Dam, and three 102-in. ring-seal gates for the power penstocks at the Seminoe Dam, Kendrick Project, Wyo.; and (2) 40 102-inch ring-seal gates for Grand Coulee Dam, Columbia Basin Project, Wash., and (3) 40 sets of conduit linings for installation at Grand Coulee Dam, as follows:

Consolidated Steel Corp., Ltd., Los Angeles—(1) \$1,089,937.

Joshua Hendy Iron Works, S. F.—(2) \$854,163.

U. S. Pipe & Foundry Co., Burlington, N. J.—(3) \$178,089. * 30

31—PIPE LINES & WELLS

BIDS WANTED

LA MESA, San Diego Co., Calif.—Until May 16, 10 A. M., bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, 1769 Spring St., La Mesa, for the construction of a distributing pipeline replacement project (PWA Docket 1469-FA-3-DS), located within the district, near La Mesa.

Specifications may be obtained from the above office, C. Harritt, general manager and acting secretary, upon deposit of \$5 per set.

A complete list of 104 bid items is on file at the office of Daily Pacific Builder for inspection. * 31

MARIN CO., Calif.—A. G. Raisch, 1 De Haro St., San Francisco, at \$359,784.34 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.5 miles grading, surfacing with Portland cement concrete asphalt concrete and plant-mixed surfacing, widening existing structures, and constructing a grade separation structure, between Ignacio and San Rafael, Marin Co., Cal.

Work involves:

- (1) 209 each, remove trees, Size 1;
- (2) 97 each, remove trees, Size 2;
- (3) 31 each, remove trees, Size 3;
- (4) 75 each, remove existing stump;
- (5) 273,000 c.y. roadway excavation, without classification;
- (6) 4,400 c.y. struc. excav.;
- (7) 1,250 c.y. ditch and channel excavation;
- (8) 4,950,000 sta. yds. overhaul;
- (9) 35,200 c.y. import borrow;
- (10) 2,250 M. gals. water;
- (11) 2,180 c.y. remove conc.;
- (12) 40 sta. finish roadway;
- (13) 50 c.y. light riprap;
- (14) 10,250 sq. yds. asph. paint binder;
- (15) 320 tons asph. cement asphalt conc.;
- (16) 5,550 tons mineral aggreg. asph. conc.;
- (17) 7,300 tons mineral aggreg. plant-mix surf.;
- (18) 9,400 c.y. class B portland cement conc. pavement;

BIDS OPENED

SAN FRANCISCO.—W. J. Tobin, 3701 Balfour Avenue, Oakland, at \$779.95, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 164, for the laying of 6-inch and 8-inch cast-iron mains in Sweeny Street and De Haro Street, San Francisco.

Work involves:

- (1) 1090 lf. excav. and backfill for 6-in. and 8-in. pipe, trench 17 in. wide by 36 in. deep;
- (2) 20 c.y. additional excavation and backfill;
- (3) no Item 3;
- (4) installing pipe;
- (a) 640 lf. 6-in. bell and spigot C.I. pipe;
- (b) 450 lf. 8-in. bell and spigot C.I. pipe;
- (5) 900 lbs. installing fitting, gate valves, etc.;
- (6) 155 lf. making bell and spigot joints for pipe and fittings;
- (7) 80 sq. ft. repavement;
- (8) 35 3/4-in. screw taps installed;
- (9) 820 lf. installing of 3/4-in. service pipe.

Total bids follow:

(A) W. J. Tobin, 3701 Balfour Ave., Oakland—\$776.95.

(B) E. J. Tracy, S. F.—\$778.20.

(C) S. F. Water Dept.—\$1051.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$0.28	\$0.38	\$0.55
(2).....	.50	.50	.50
(3).....			
(4a).....	.06	.06	.06
(b).....	.08	.06	.08
(5).....	.03	.025	.02
(6).....	.27	.30	.30
(7).....	.25	.26	.27
(8).....	1.50	1.00	1.00
(9).....	.30	.20	.30

BIDS WANTED

SAN FRANCISCO.—Until May 9, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 (Continued on Next Page)

MARIN COUNTY—MARIN BOTLENECK—(State)

- (19) 73,500 sq. yds. preparing sub-grade;
- (20) 60 tons liq. asph., SC-1A (penetration oil treat.);
- (21) 45 tons liq. asph., SC-2 (penetration oil treat.);
- (22) 58 tons liq. asph., MC-2 (prime coat);
- (23) 40 tons liq. asph., 90-95 (seal coat);
- (24) 405 tons liq. asph., MC-4 or MC-5 (plant-mix surf.);
- (25) 390 tons screenings;
- (26) 215,000 lbs. bar reinf. steel pava. and struc.;
- (27) 12,930 each, pave. dowels;
- (28) 1,533 c.y. class A Portland cement conc. strucs.;
- (29) 18 c.y. class A Portland cement conc. railing;
- (30) 12 c.y. class A Portland cement conc. footing blocks;
- (31) 130 c.y. class B Portland cement conc. curbs, gutters and sidewalks;
- (32) 400 c.y. dry rubble masonry;
- (33) 1,000 lf. 6-in. vit. clay pipe sewers;
- (34) 3,000 lf. 8-in. perf. metal pipe underdrains;
- (35) 320 lf. 8-in. CMP;
- (36) 10 lf. 12-in. CMP;
- (37) 160 lf. 15-in. CMP;
- (38) 1,000 lf. 18-in. CMP;
- (39) 148 lf. 24-in. CMP;
- (40) 170 lf. 30-in. CMP;
- (41) 28 lf. 36-in. CMP;
- (42) 74 lf. 24 x 5-in. part circle C M drains;
- (43) 344 lf. remove, clean and relay pipe culverts;

- (44) 92 lf. remove, clean and salvage pipe culverts;
- (45) 26 each, moving and resetting existing pipe headwalls;
- (46) 14 each, spillway assemblies;...
- (47) 5 each, remove and reinstall spillway assemblies;
- (48) 550 c.y. rock filling material underdrains;
- (49) 6 each, special catch basins;
- (50) 2 each, manholes;
- (51) 80 lf. laminated timber guard rail;
- (52) 9,400 lf. remove and reset existing guard rail;
- (53) 300 lf. remove and salvage existing guard rail;
- (54) 94 each, culvert markers;
- (55) 70 each, guide posts;
- (56) 2.5 miles remove and reset existing fences;
- (57) 40 each, monuments;
- (58) 500 c.y. selected top soil;
- (59) 39 MFBM dense, select, all-heart struc. Redwood;
- (60) 23 MFBM select, all-heart struc. Redwood;
- (61) 3,240 lf. treated Douglas fir

- Unit bids follow:
- (A) A. G. Raisch, San Francisco, \$359,784.34.
- (B) Chas. L. Harney, San Francisco, \$379,688.50.
- (C) Hanrahan Co., San Francisco, \$385,002.30.
- (D) Frederickson & Westbrook, Lower Lake, \$395,594.00.
- (E) Union Paving Co., San Francisco, \$422,983.30.
- (F) Macco Const. Co., Clearwater, \$432,590.90.
- (G) Granfield-Farrar & Carlin, San Francisco, \$436,791.60.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 6.00	\$15.00	\$ 8.00	\$ 6.50	\$12.50	\$35.00	\$10.00
(2)	20.00	25.00	20.00	12.00	30.00	60.00	15.00
(3)	65.00	45.00	40.00	30.00	58.00	95.00	20.00
(4)	22.00	15.00	20.00	12.00	22.50	25.00	3.00
(5)	.28	.30	.34	.31	.30	.34	.37
(6)	1.50	1.50	1.50	1.35	2.50	1.50	1.75
(7)	1.00	.50	.90	1.50	1.40	.75	.75
(8)	.002	.0035	.002	.002	.005	.003	.004
(9)	.44	.56	.78	.73	.60	.70	.90
(10)	1.00	1.00	.90	1.25	1.45	1.00	1.50
(11)	1.50	1.75	2.00	2.40	3.50	3.50	2.00
(12)	8.00	6.00	6.00	9.60	9.50	10.00	8.00
(13)	5.00	10.00	3.50	6.00	5.25	10.00	3.00
(14)	.015	.015	.015	.03	.02	.02	.02
(15)	12.50	14.00	14.50	16.80	15.00	16.00	15.00
(16)	3.50	3.50	3.60	4.00	3.40	3.75	4.50
(17)	3.00	3.43	3.40	2.75	2.50	2.75	3.50
(18)	.90	15.00	12.00	12.00	14.00	11.50	15.00
(19)	.09	.10	.05	.09	.08	.06	.09
(20)	9.00	15.00	12.00	12.00	14.00	11.50	14.00
(21)	12.50	16.50	13.50	14.00	16.00	12.50	15.00
(22)	18.00	21.00	18.50	20.00	22.00	18.00	20.00
(23)	14.50	18.50	17.50	16.00	19.00	20.00	18.00
(24)	13.00	14.00	15.00	18.00	21.00	16.00	16.00
(25)	2.80	2.75	3.50	3.00	2.30	3.00	3.00
(26)	.05	.055	.055	.058	.05	.055	.065
(27)	.15	.17	.50	.13	.13	.13	.25
(28)	22.00	17.50	20.00	22.00	24.00	25.00	22.50
(29)	70.00	60.00	60.00	75.00	50.00	60.00	50.00
(30)	14.00	16.00	15.30	20.00	25.00	20.00	20.00
(31)	16.00	14.50	17.00	18.00	15.00	16.00	15.00
(32)	5.00	4.00	6.00	8.00	4.75	8.00	7.00
(33)	.50	.40	.60	1.00	1.00	.40	.40
(34)	.90	1.00	.95	1.00	1.60	1.00	1.00
(35)	1.10	1.00	.95	1.00	1.20	1.00	1.00
(36)	1.40	1.30	1.35	1.25	1.40	1.25	1.25
(37)	1.80	1.60	1.60	1.50	1.80	1.60	1.60
(38)	2.33	2.00	1.90	2.20	2.20	2.00	2.00
(39)	2.70	3.00	3.00	2.90	3.50	3.00	3.00
(40)	3.30	4.00	3.50	3.50	4.00	3.75	3.50
(41)	6.60	6.00	5.50	5.20	6.00	6.00	5.50
(42)	2.00	2.50	1.75	2.50	2.30	2.00	2.50
(43)	.50	.75	.75	1.00	.90	1.20	1.00
(44)	.50	.55	.50	1.00	.70	1.00	1.00
(45)	16.00	10.00	10.00	11.00	12.80	10.00	15.00
(46)	15.00	16.00	14.00	16.50	20.00	13.00	16.00
(47)	7.50	10.00	6.00	7.00	10.00	5.00	10.00
(48)	3.80	3.25	2.50	3.50	3.00	3.50	3.00
(49)	60.00	100.00	125.00	180.00	150.00	60.00	140.00
(50)	80.00	100.00	65.00	180.00	95.00	200.00	100.00
(51)	1.20	1.00	1.10	1.25	1.80	2.50	1.50
(52)	.50	.30	.65	.75	.80	1.00	.75
(53)	.50	.25	.15	.30	.25	.50	.25
(54)	1.50	2.50	2.25	1.80	2.75	2.50	2.25
(55)	1.50	2.50	2.25	1.80	2.35	2.50	2.25
(56)	400.00	600.00	300.00	450.00	450.00	400.00	300.00
(57)	2.70	3.50	2.50	3.00	3.50	4.00	3.00
(58)	1.50	2.00	.60	1.00	2.50	2.00	1.00
(59)	90.00	100.00	100.00	115.00	115.00	125.00	130.00
(60)	87.00	100.00	95.00	115.00	115.00	115.00	120.00
(61)	.65	.72	.70	.80	.72	1.00	.75
(62)	30.00	13.00	24.00	30.00	30.00	50.00	30.00
(63)	.08	.08	.07	.11	.08	.08	.10
(64)	.45	.60	.35	.60	.50	.40	.50
(65)	.44	.50	.35	.60	.60	.60	.60
(66)	1.90	2.50	3.50	2.40	4.50	2.00	5.00
(67)	5.00	6.00	5.50	6.00	7.00	10.00	6.00
(68)	.25	.40	.30	.25	2.40	1.25	1.00
(69)	500.00	650.00	600.00	700.00	600.00	1000.00	500.00
(70)	1200.00	650.00	60.00	600.00	250.00	750.00	250.00

Fourth St., San Francisco, under Bid No. 5353, for drilling and testing wells and furnishing and placing casing.

- The work involves:
- (1-a) drilling and testing to depth of 100 feet;
 - (b) drilling and testing to depth of 100 to 200 feet;
 - (c) drilling and testing to depth of 200 to 300 feet;
 - (2-a) furnish and place 10-in. 12-ga. double well casing, 300 ft.;
 - (b) furnish and place 8-in. 12-ga. double well casing, 300 ft.;
 - (3) 30 hrs. use of nec. equipment.
- The work is located at Tulare Migratory labor camp, near Farmersville.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

LOS ANGELES, Calif. — Artukovic Bros., 7320 N. Atlantic Avenue, Hynes, at \$18,396.67, submitted low bid to the Los Angeles Board of Public Works for constructing a sanitary sewer in Amar St. and Hanford Ave. Sewer District (Harbor District) under 1911 Act.

- The work involves:
- (1) Lump sum, sewer (4207.50 ft. 8-in. standard strength pipe, 1465 ft. 8-in. extra strength pipe, 168 ft. 8-in. cast iron pipe);
 - (2) 2308 ft. house conn.;
 - (3) 127 ft. chimney pipe;
 - (4) 153,125 sq. ft. class A4 resurf.;
 - (5) 978 sq. ft. class A4 resurf.
- Total bids follow:
- (A) Artukovic Bros. \$18,396.67
 - (B) V C K Constr. Co. 20,864.11
 - (C) J. C. Hickey 20,997.55
 - (D) E. L. Fleming and B. D. Zaich 21,145.42
 - (E) Radich & Brown 22,350.00
 - (F) Sutalo & Bamjak 24,880.06
 - (G) Bebek & Brkich 25,446.09
 - (H) Culjak & Zelko 26,763.96
 - (I) R. A. Wattson 27,017.03
 - (J) C. R. Butterfield-Kennedy Co. 27,325.87
 - (K) Peter S. Tomich 29,994.20
 - (L) Sanitary Constr. & Engrg. Co. 31,946.67
 - (M) Gogo & Rados 37,061.45
 - (N) Engineer's Estimate 24,748.35

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)
(A)	\$13,440	\$100	\$2.00	\$0.015	\$0.10
(B)	14,000	1.50	1.75	0.02	0.12
(C)	13,300	1.15	2.00	0.03	0.20
(D)	13,700	1.40	1.50	0.025	0.20
(E)	15,788	1.35	2.25	0.02	0.10
(F)	16,928	2.00	2.00	0.02	0.02
(G)	17,000	1.50	3.00	0.03	0.03
(H)	19,868	1.50	2.00	0.02	0.12
(I)	14,900	1.24	2.60	0.06	0.15
(J)	18,000	1.60	1.00	0.035	0.15
(K)	23,117	1.50	2.00	0.02	0.10
(L)	21,238	2.00	5.00	0.035	0.10
(M)	16,100	1.00	2.00	0.12	0.025
(N)	16,240	1.55	1.50	0.03	0.15

Bids taken under advisement.

COMPLETE BIDS

VENTURA, Cal.—C. F. Robbins, 5572 Alhambra Ave., Los Angeles, at \$33,260, submitted low bid to Ventura City Council for construction of ocean outfall sewer.

- The work involves:
- (1) one reinf. concrete manhole;
 - (2) 2560 ft. 20-in. O. D steel sewer pipe, 9/16-in. wall thickness;
 - (3) one outfall end assembly.
- D. C. McMillan, City Manager; Carl Froerer, City Engineer.
- The complete bids were:
- C. F. Robbins—(1) \$150, (2) \$12.25, (3) \$1750, total \$33,260.
 - (1) \$1400, (2) \$1740, total \$37,980.
 - Rohi-Connelly Co.—(1) \$600, (2)

\$14.80, (3) \$2000; total \$38,540.
 Stroud & Seabrook—(1) \$300, (2) \$16, (3) \$1200; total \$12,460.
 R. A. Watson—(1) \$275, (2) \$16.07, (3) \$1400; total \$42,814.20. * 32

BIDS WANTED

LOS ANGELES—Until May 25, 10 a.m., bids will be received by L. A. Board of Public Works to improve Ellis Ave., bet. Robertson Blvd. and Venice Blvd., by construction of sanitary sewer under the 1911 Act. The work involves:

- (1) lump sum, sanitary sewer (640 ft. 8-in. vit. clay pipe; 32 wyes);
 - (2) 375 l.f. house connections sewers;
 - (3) 62 sq. ft. Class A resurf.;
 - (4) 20,940 sq. ft. Class AA resurf.;
 - (5) 67 sq. ft. Class C resurf.
- Est. cost, \$3300. * 32

33— WATER WORKS

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until May 17, 11 a.m., bids will be received by the Long Beach city manager for the construction of water mains in Adriatic Ave., between 32nd St. and Wardlow Road, 1911 Act.

- The work involves:
- (1) 1248 l.f. 6-in. cast-iron pipe;
 - (2) One 6x6x6-in. cast iron tee;
 - (3) One five hydrant assembly;
 - (4) Five 2-in. C I service laterals, Type A, with clamps;
 - (5) 15 only, 2-in. C I service laterals, Type B, with clamps. * 33

BIDS NOT OPENED

COALINGA, Fresno Co., Calif.—Bids were not opened by the Coalinga City Council, Ethel K. McCroskey, City Clerk, Coalinga, May 2, for the furnishing of a deslitter or sand trap consisting of a self-contained metal housing equipped with a sand blow-off and a deslittering trap or sand-removal unit, as there was not a quorum at the meeting. Bids will be opened at the next meeting, May 16th, 7:30 p.m. * 33

HOLLISTER, San Benito Co., Cal.—Bodenhamer Constr. Co., 1101 75th Ave., Oakland, at \$157,214.50, submitted low bid to Pacheco Water Dist., Bank of America Bldg., Hollister, for construction of the North Fork Dam and Spillway.

- The work involves:
- (1) 37,500 c.y. stripping;
 - (2) 320,000 c.y. embankment;
 - (3) 725 c.y. concrete (structural) in sill for dam facing, locker, spillway weir and cut-offs, spillway bridge, etc.;
 - (4) 97,500 sq. ft. of concrete facing in dam;
 - (5) 87,500 sq. ft. concrete lining in spillway;
 - (6) 315,000 lbs. of reinf. steel in place;
 - (7) 71,000 lbs. structural steel, furnished and installed;

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1) \$ 0.24	\$ 0.44	\$ 0.32	\$ 0.50	\$ 0.42	\$ 0.60	\$ 0.23	\$ 0.57	\$ 1.00	\$ 1.00	\$ 0.90	\$ 0.40
(2)	.24	.236	.24	.24	.58	.35	.38	.33	.40	.38	.446
(3)	15.00	15.50	19.00	25.00	15.00	20.00	21.00	17.40	15.00	2.00	25.00
(4)	.17	.16	.17	.28	.17	.20	.20	.21	.25	.14	.19
(5)	.235	.31	.34	.50	.31	.40	.40	.42	.40	.28	.30
(6)	.045	.045	.054	.06	.045	.06	.065	.055	.05	.055	.06
(7)	.08	.08	.08	.09	.08	.11	.12	.08	.10	.08	.09
(8)	120.00	125.00	100.00	120.00	110.00	125.00	150.00	125.00	150.00	110.00	150.00
(9)	1500.00	250.00	1000.00	3000.00	3200.00	2000.00	2000.00	1500.00	3000.00	1500.00	1000.00
(10)	200.00	400.00	500.00	900.00	1000.00	450.00	1500.00	1000.00	1000.00	400.00	700.00
(11)	200.00	150.00	200.00	120.00	100.00	125.00	250.00	150.00	100.00	150.00	100.00
(12)	3007.00	2600.00	2880.00	3200.00	4820.00	3540.00	4000.00	4000.00	3800.00	3649.12	4000.00

Joshua Hendy Iron Works, 206 Sansone Street, San Francisco, at \$1,776.51, submitted a bid on gate valves and appurtenances.

34— PARKS AND PLAY-GROUNDS

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until May 17, 8:15 P. M., bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for the construction of a galvanized chain link fence at McKinley Park, Alameda.

Plans and specifications may be obtained from the above office.

HUMBOLDT CO.—Bridge Repairs and Grading—(State)

HUMBOLDT COUNTY, Cal.—E. E. Smith, 1636 "B" Street, Eureka, at \$19,423.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading approaches and repairing existing bridge across Yager Creek at Carliotta, Humboldt Co., Cal.

- Work involves:
- (1) 1 lot portions of existing bridge removed and disposed of;
 - (2) 1 lot clear and grub;
 - (3) 100 c.y. stripping;
 - (4) 250 c.y. struc. excav.;
 - (5) 1,100 c.y. import borrow;
 - (6) 7 sta. finish roadway;
 - (7) 32,000 lbs. bar reinf. steel;
 - (8) 45 c.y. class A portland cement concrete footing blocks;
 - (9) 245 c.y. class A portland cement

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$1000.00	\$1000.00	\$700.00	\$1000.00	\$675.00	\$1500.00	\$500.00
(2)	200.00	120.00	400.05	100.00	100.00	500.00	200.05
(3)	1.00	1.25	1.00	1.00	.90	1.00	1.50
(4)	6.00	3.00	3.00	2.50	2.00	9.00	7.00
(5)	.50	1.00	.60	.60	.90	1.00	2.00
(6)	4.00	15.00	8.00	5.00	15.00	15.00	15.30
(7)	.065	.06	.06	.06	.07	.06	.065
(8)	12.00	13.00	21.00	19.75	15.00	25.50	22.50
(9)	21.50	21.50	25.00	22.00	35.00	26.50	22.50
(10)	.08	.095	.085	.10	.08	.10	.15
(11)	.40	.30	.33	.32	.31	.40	.35
(12)	.25	.20	.14	.20	.21	.25	.17
(13)	2.00	1.25	1.50	2.00	2.00	1.60	2.00
(14)	300.00	800.00	900.00	500.00	400.00	750.00	500.00

35— TUNNELS

CONTRACT AWARDED

SAN FRANCISCO—Cement Gun Constr. Co., 16 California St., at \$225, was awarded contract by the Dept. of Public Works, Wm. H. Worden, Director, Room 251, City Hall, San Francisco, for gunite repairs to the Taraval Street underpass at Great Highway. * 35

- concrete structures;
- (10) 68,500 lbs. struc. steel;
 - (11) 570 lbs. cast steel rockers;
 - (12) 2,150 lbs. misc. iron and steel;
 - (13) 806 l.f. timber rail;
 - (14) 1 lot misc. items of work.

- Total bids follow:
- (A) E. E. Smith, 1636 B St., Eureka, \$19,423.00.
 - (B) M. A. Jenkins, Sacramento, \$19,885.50.
 - (C) F. J. Maurer and Son, Inc., Eureka, \$20,066.60.
 - (D) Claude C. Wood, Stockton, \$20,220.65.
 - (E) Mercer-Fraser Co., Eureka, \$22,070.20.
 - (F) A. Soda & Son, Oakland, \$24,770.10.
 - (G) Albert H. Siemer and John Carcano, San Anselmo, \$26,462.00.

SAN BENITO CO.—North Fork Dam and Spillway—(District)

- (8) 20 MFBM Redwood timber, in place;
- (9) Lump sum, const. and maintenance during construction of detour road around the spillway bridge;
- (10) Lump sum, installation in the outlet works of one sluice gate, one cast-iron reducer, one butterfly valve, one discharge pipe, and their appurtenances, all furnished by the District;
- (11) one bronze tablet furnished and installed;
- (12) lump sum, premium of 50% surety and 100% performance bonds.

- Total bids follow:
- (A) Bodenhamer Constr. Co., 1101 75th Ave., Oakland—\$157,214.50
 - (B) Macco Constr. Co., Clearwater—

- \$167,887.50.
- (C) C. W. Caletti & Co., San Rafael—\$174,770.
- (D) R. G. Clifford, San Francisco—\$215,675.
- (E) D. McDonald, Sacramento—\$219,520.
- (F) Geo. Pollock Co., Sacramento—\$234,375.
- (G) A. S. Vinnell Co., Los Angeles—\$234,595.
- (H) Parish & Guerin—\$236,117.50.
- (I) Gates & Huntley, Los Angeles—\$242,400.
- (J) Ralph A. Bell, San Marino—\$246,924.12.
- (K) United Concrete Pipe Corp., Los Angeles—\$247,840.
- (L) Guy F. Atkinson Co., San Francisco—\$266,400.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
\$ 1.00	\$ 1.00	\$ 0.90	\$ 0.40	\$ 0.42	\$ 0.38	\$ 0.23	\$ 0.57	\$ 1.00	\$ 1.00	\$ 0.90	\$ 0.40
.33	.40	.38	.446	.33	.40	.38	.42	.33	.40	.38	.446
15.00	2.00	25.00	22.00	15.00	2.00	25.00	22.00	15.00	2.00	25.00	22.00
.25	.14	.19	.22	.21	.25	.14	.19	.21	.25	.14	.19
.40	.28	.30	.50	.40	.28	.30	.50	.40	.28	.30	.50
.05	.055	.06	.05	.045	.06	.065	.055	.05	.055	.06	.05
.08	.08	.09	.08	.08	.11	.12	.08	.10	.08	.09	.08
120.00	125.00	100.00	120.00	110.00	125.00	150.00	125.00	150.00	110.00	150.00	125.00
1500.00	250.00	1000.00	3000.00	3200.00	2000.00	2000.00	1500.00	3000.00	1500.00	1000.00	3000.00
200.00	400.00	500.00	900.00	1000.00	450.00	1500.00	1000.00	1000.00	400.00	700.00	500.00
200.00	150.00	200.00	120.00	100.00	125.00	250.00	150.00	100.00	150.00	100.00	200.00
3007.00	2600.00	2880.00	3200.00	4820.00	3540.00	4000.00	4000.00	3800.00	3649.12	4000.00	3750.00

Joshua Hendy Iron Works, 206 Sansone Street, San Francisco, at \$1,776.51, submitted a bid on gate valves and appurtenances.

LOS ANGELES COUNTY—3.7 MILES PAVING—(STATE)

LOS ANGELES CO., Calif.—Griffith Co., 502 Los Angeles Railway Building, Los Angeles, at \$348,496.75, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete and plant-mixed surfacing about 3.7 miles; and constructing a reinforced concrete girder bridge between Tunnel Station and Placerita Canyon, Los Angeles County, Calif.

Work involves:

- (1) 197 sta. clear and grub right of way;
- (2) 9,500 M. gals. water;
- (3) 3,500 c.y. remove conc.;
- (4) 520,000 c.y. roadway excavation, without classification;
- (5) 8,900 c.y. struc. excav.;
- (6) 6,200 c.y. ditch and channel excavation;
- (7) 530,000 mile yds. overhaul;
- (8) 15,000 sq. yds. asph. paint blinder;
- (9) 16 sections pave crossing devices (Type C-11);
- (10) 32,000 sq. yds. preparing sub-grade;
- (11) 197 sta. finish roadway;
- (12) 90 tons liq. asph., SC-2 (prime coat);
- (13) 17,600 tons min. aggregate plant mix surf.;
- (14) 930 tons liq. asph., ROMC-4 or ROMC-5 (plant-mix surf.);

- (15) 23,500 sq. yds. preparing, mixing and shaping shoulders;
- (16) 290 tons liq. asph., SC-2 shoulders;
- (17) 6,400 c.y. class A Portland cement conc. pave.;
- (18) 11,500 each. pave. dowels;
- (19) 202,000 lbs. bar reinf. steel pave. and strucc.;
- (20) 1,225 c.y. class A portland cement conc. strucc.;
- (21) 14.2 c.y. class A portland cement conc. rail;
- (22) 850 l.f. 8-in. CMP;
- (23) 750 l.f. 14-in. CMP;
- (24) 1,420 l.f. 24-in. CMP;
- (25) 750 l.f. 30-in. CMP;
- (26) 10 l.f. 42-in. CMP;
- (27) 145 l.f. 120-in. multiplate CMP 75-13;
- (28) 105 l.f. 135-in. multiplate CMP, 87-15;
- (29) 150 l.f. remove and relay pipe culverts;
- (30) 10 l.f. 24-in. standard reinf. conc. pipe;
- (31) 650 l.f. 60-in. standard reinf. conc. pipe;
- (32) 15 each. spillway assemblies;
- (33) 750 c.y. class A Portland cement conc. curbs;
- (34) 350 c.y. class A Portland cement conc. slope pave.;
- (35) 225 c.y. light riprap;
- (36) 3,100 sq. yds. mesh reinf. slope pave.;
- (37) 80 each. guide posts;
- (38) 80 each. culvert markers;

- (39) 0.7 mile move and reset property fences;
- (40) 3.5 miles new property fence;
- (41) 8 each. drive gates;
- (42) 3,700 lbs. misc. iron and steel;
- (43) 20 l.f. laminated guard rail;
- (44) 5.5 MFBM dense, select, all-heart struc. Redwood;
- (45) 8.5 MFBM select, all-heart struc. Redwood;
- (46) 480 l.f. remove and salvage existing bank protection fence;
- (47) 1 only, remove and salvage existing timber bridge;
- (48) 1 lot misc. bridge items.

The total bids were:

- (A) Griffith Co., \$348,496.75.
- (B) Claude Fisher Co., Ltd., Los Angeles, \$568,027.50.
- (C) Oswald Bros., Los Angeles, \$395,741.00.
- (D) Macco Const. Co., Clearwater, \$401,020.00.
- (E) J. E. Haddock, Ltd., Pasadena, \$420,878.50.
- (F) Sander Pearson and Minnis and Moody, \$422,334.50.
- (G) Ralph A. Bell, Monrovia, \$428,595.00.
- (H) Gibbons & Reed Co., Burbank, \$431,035.75.
- (I) United Concrete Pipe Corp., Los Angeles, \$438,954.50.
- (J) Daley Corp., San Diego, \$467,814.50.
- (K) W. E. Hall, Alhambra, \$482,018.
- (L) Winston Bros. Co., Los Angeles, \$560,843.60.

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	
(1)	\$22.00	\$60.00	\$15.00	\$20.00	\$40.00	\$20.00	\$30.00	\$33.00	\$25.00	\$21.50	\$35.00	\$12.80
(2)	.62	.85	.85	1.50	1.00	1.20	1.35	1.00	.80	1.15	1.00	1.40
(3)	3.00	1.50	1.80	3.00	2.25	1.50	2.50	2.70	2.00	2.00	2.50	1.45
(4)	.234	.24	.24	.215	.27	.26	.29	.25	.295	.325	.35	.49
(5)	.74	1.00	.75	1.00	1.05	1.00	1.00	1.25	1.10	.90	1.00	1.45
(6)	.34	.50	.25	.50	.80	.75	.50	.35	.40	.50	.60	.70
(7)	.053	.06	.11	.07	.08	.11	.08	.085	.10	.125	.125	.10
(8)	.02	.02	.015	.02	.02	.02	.03	.02	.02	.02	.03	.015
(9)	30.00	20.00	18.00	50.00	25.00	27.00	50.00	17.50	50.00	30.00	35.00	28.00
(10)	.09	.08	.09	.07	.12	.10	.08	.09	.08	.10	.09	.09
(11)	3.75	5.00	5.50	10.00	4.00	5.00	10.00	6.00	7.00	5.00	5.00	6.00
(12)	6.00	9.00	10.00	12.00	6.00	13.75	10.50	15.25	17.00	10.00	10.00	6.00
(13)	1.64	1.90	2.20	1.85	1.90	2.40	2.10	2.57	2.44	2.325	2.25	2.35
(14)	11.40	9.00	12.00	16.00	12.50	10.00	12.00	13.60	12.00	12.00	11.00	11.50
(15)	.05	.05	.05	.06	.08	.065	.08	.06	.07	.05	.05	.08
(16)	4.00	6.00	7.00	12.00	6.60	6.25	11.00	8.60	8.00	8.00	8.00	6.00
(17)	6.80	7.00	7.10	8.10	8.20	8.15	7.50	8.90	7.95	7.60	8.50	8.50
(18)	.11	.12	.13	.12	.13	.13	.13	.13	.12	.125	.13	.14
(19)	.05	.05	.05	.055	.057	.05	.05	.055	.05	.052	.05	.05
(20)	17.00	19.00	18.50	25.00	24.00	18.00	22.00	23.75	20.00	21.50	18.00	26.00
(21)	70.00	60.00	75.00	60.00	60.00	50.00	75.00	60.00	60.00	60.00	70.00	75.00
(22)	.95	.90	.95	1.00	1.00	1.10	1.00	1.10	1.20	1.25	.95	1.00
(23)	1.70	1.60	1.80	2.00	1.70	1.80	2.10	2.00	1.90	1.85	1.60	2.00
(24)	2.60	2.40	2.70	2.75	2.55	2.55	3.00	2.90	2.70	2.70	2.50	2.95
(25)	3.25	3.00	3.40	4.50	3.20	3.20	3.75	3.70	3.30	3.50	3.25	6.10
(26)	6.20	6.00	7.00	7.00	6.50	6.30	6.50	6.50	7.00	7.00	6.00	5.80
(27)	39.00	38.00	39.50	45.00	40.00	40.00	41.00	40.00	40.00	41.00	40.00	40.00
(28)	38.00	36.00	37.00	45.00	39.00	39.00	40.00	40.00	40.00	41.00	40.00	40.00
(29)	.65	1.00	1.20	1.00	.50	1.00	1.00	1.25	1.00	1.00	1.00	.65
(30)	3.00	3.00	3.00	4.00	3.00	3.00	3.00	3.30	3.00	3.00	3.00	4.75
(31)	9.30	9.00	10.00	10.00	9.30	9.50	10.50	10.50	10.30	10.00	10.00	10.00
(32)	15.00	15.00	13.50	13.00	13.00	14.00	15.00	15.00	15.00	15.00	15.00	15.00
(33)	11.50	9.00	12.50	15.00	12.50	13.50	12.50	14.25	12.00	14.00	14.00	15.15
(34)	13.70	15.00	13.00	15.00	14.75	10.50	10.00	15.00	12.00	15.00	12.00	16.50
(35)	4.30	3.00	5.00	10.00	3.00	3.00	4.00	3.50	6.00	3.50	2.50	5.00
(36)	.27	.30	.30	.25	.30	.27	.30	.24	.22	.29	.28	.27
(37)	2.20	2.50	1.75	2.50	2.25	4.50	2.50	1.75	3.00	1.50	3.00	2.50
(38)	2.50	3.00	2.00	2.50	2.50	5.00	2.50	1.75	3.00	1.75	3.00	2.50
(39)	300.00	500.00	450.00	500.00	400.00	200.00	400.00	400.00	300.00	300.00	350.00	410.00
(40)	500.00	600.00	600.00	700.00	600.00	450.00	450.00	525.00	600.00	425.00	350.00	500.00
(41)	20.00	25.00	17.00	25.00	20.00	20.00	20.00	15.00	15.00	18.00	15.00	21.50
(42)	.19	.20	.20	.25	.19	.20	.13	.20	.17	.17	.18	.25
(43)	2.00	2.00	1.75	2.00	1.50	3.00	1.25	1.00	1.00	1.50	2.00	1.25
(44)	110.00	125.00	125.00	130.00	120.00	100.00	105.00	100.00	100.00	110.00	125.00	125.00
(45)	100.00	120.00	103.00	120.00	110.00	100.00	100.00	92.00	100.00	100.00	125.00	145.00
(46)	.50	1.00	.35	1.00	.50	1.50	.75	.20	1.00	2.00	.50	.65
(47)	100.00	100.00	100.00	1000.00	30.00	50.00	300.00	15.00	300.00	50.00	50.00	100.00
(48)	550.00	500.00	500.00	1000.00	1000.00	750.00	1000.00	1000.00	1000.00	425.00	800.00	600.00

"GOOD PRINTING"—an essential part of any well-balanced business.

STARK-RATH PRINTING AND PUBLISHING COMPANY

465 TENTH STREET - SAN FRANCISCO

Telephone Market 7110

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, Calif., for furnishing supplies and materials, as follows:

May 13, 2:00 P. M.
 BID NO. 5621—6 portable pumps, gasoline, motor-driven, for salt water use; f.o.b. Seattle, Wash.

BID NO. 5622—10,000 ft. linen hose, 1½-in. in .-ft. lengths; f.o.b. Seattle, Wash.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until May 20, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland for furnishing supplies and materials, as follows:

BID NO. 5617: 1000 boxes of paper fasteners; fob Government Island.

BID NO. 5618: Computing machine paper; fob Government Island.
 BID NO. 5620: File folders; fob Government Island.

SAN FRANCISCO.—Until May 11, 2 P. M., bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Pheian Bldg., 760 Market Street, under B Ndio. 1222, for furnishing one self-contained steam cleaning machine; fob shipping point and/or Glendale. Alternate, fob Stockton.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

MAY 11, 2 P. M.
 BID NO. 5624: 13,830 lbs. marking twine; fob Government Island.

MAY 12, 2 P. M.
 BID NO. 5623: 12 lubricating oil outfits; fob Susanville.

BID NO. 5628: Structural Douglas fir lumber for South Fork Feather River Bridge; fob Oroville;

BID NO. 5629: 50-ft. steel girder span, including all struc. steel, bolts for field connections, bolts for superstructure and all misc. steel portions necessary for the erection of the South Fork Feather River Bridge; fob Oroville;

BID NO. 5633: Cotton and manila rope; fob Government Island;
 BID NO. 5634: Corrugated metal pipe culvert; fob Susanville.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

MAY 12, 2 P. M.
 BID NO. 5626: Hacksaw blades; fob Government Island.

MAY 13, 2 P. M.
 BID NO. 5625: Fluid and recharges for fire extinguishers; fob Government Island;

BID NO. 5635: Structural Douglas fir lumber for Rag Dump bridge; fob Magalia, Calif.;

BID NO. 5642: Structural Douglas fir lumber for Knownothing Ck. Bridge; fob Yreka.

SAN FRANCISCO.—Until May 13, 2 P. M., bids will be received by the U. S. Forest Service Regional Officer, G. D. Ruestis, Asst. Procurement Officer, 1022 Pheian Building, 760 Market St., San Francisco, under Bid No. 1223, for construction of 4 suppression squad tank trucks; fob bidder's snipping point. Alternate: fob Government Island, Oakland.

EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until May 11, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1005, for furnishing approximately 8-350 streamline fittings.

Specifications obtainable from the above office.

OAKLAND, Calif.—Until May 11, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS 213, for constructing and furnishing 18,600 lin. ft. of electrical welded cement-lined steel pipe of 25- and 26-in. diameters for the distribution system of the East Bay Municipal Utility District.

Specifications obtainable from the above office.

LOS ANGELES CITY

LOS ANGELES, Calif.—Until May 10, 11 A. M., bids will be received by the Los Angeles city purchasing agent for furnishing standard galvanized wrought steel pipe as follows:

- (1) 5000 ft. 1½-in., approx. 4500 lbs.;
 - (2) 8500 ft. ¾-in., approx. 9605 lbs.;
 - (3) 12,500 ft. 1-in., approx. 20,000 lbs.;
 - (4) 2,000 ft. 1½-in., approx. 5460 lbs.
- Spec. No. 3749.

TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

MAY 10, 10 A. M.:
 BID NO. 5350: 800 sacks Portland cement; fob Chico;
 BID NO. 5352: 500 sacks of Portland cement; fob Hanford.
 BID NO. 5347: No. 2 common Douglas fir lumber; fob Havlock and Edge Sts., San Francisco.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 3336—Motor driven engine lathe for Mare Island, May 6.

SCH. 3382—150,000 bbls. Navy fuel oil for Pearl Harbor, May 10.

SCH. 3379—5 automatic scales, bench platform type for eastern or western yards, May 17.

SCH. 3355—2 gasoline engine driven tractors for San Diego, May 6.

SCH. 3358—600 lbs. paste pigment aluminum for Pensacola; 25 lbs. do. for Squantum, Mass.; 7950 lbs. do. for San Diego, May 10.

SCH. 3373—Steel welding rods for eastern and western yards, May 10th.

SCH. 5940—15,000 ft. b.m. white ash

for Mare Island, May 13.
 SCH. 3383—Steel cable for eastern and western yards, May 13.

SCH. 3377—4 heat treating box electric furnaces and spares for Mare Island, May 17.

SCH. 3338—Approx. 27,200 lbs. corr. rubber matting for eastern and western yards, May 6.

SCH. 3330—Dish washing machine, electrically operated, for eastern and western yards, May 17.

SCH. 3399—11,100 lbs. copper-nickel alloy tubing for Mare Island, May 17.

SCH. 3402—One topping winch with hydraulic motor and spares for Puget Sound, May 3.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until May 13, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 2003, for hauling approximately 1000 tons of 8-inch cast iron pipe for the San Francisco Water Department.

Plans and specifications available at the above office.

SAN FRANCISCO.—Until May 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 2002, for furnishing 275 tons of 110-lb. rail, 7500 tie plates and 8 mate castings for the Municipal railway.

Plans and specifications available at the above office.

SAN FRANCISCO.—Until May 13, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Invt. No. 2001, for furnishing cast manganese frogs for the Municipal Railway.

Specifications obtainable from the above office.

WAR DEPARTMENT

FORT McDOWELL, Calif.—Until May 22, 2 P. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. 536-38-33, for furnishing outlet boxes, outlet box covers, switches, locknuts, bushings, conduit, ells, conduit, wire, steel wiring trough, switch and fuse panelboards and cabinets, bolts, reflectors and clamps; fob bidder's shipping point and/or Pier No. 1, Fort Mason.

Plans and specifications may be obtained from the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason.

SAN FRANCISCO.—Bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and materials, as follows:

MAY 13, 3 P. M.:
 BID NO. 868-38-147: 4008 lbs. of mild steel and common galv. nails; fob Engineer Office, Fort Funston, San Francisco.

MAY 16, 3 P. M.:
 BID NO. 868-38-144: Anchor bolts, pipe sleeves and channels; fob Battery Davis, Fort Funston, and Battery Townsley, Fort Cronkhite, Marin County.

U. S. POSTAGE

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Tobin Low on Moffett
Field Main



Bids June 1 on Three State Road Jobs



Building Permits, Advance Reports
of Building and Engineering
Projects

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1116	Bernhardt	Owner	3500
1119-20	Doelger	Owner	3500
1121-22	Doelger	Owner	4000
1123	Dreshock	Duerner	3000
1124	Glenon	Owner	4000
1125	Johnson	Owner	3500
1126	Laukenan	Wagner	1500
1127	Mieto	Owner	2000
1128	Moore	Dahlstrom	3000
1129	Pengel	Ennis	4300
1130	Rajek	Empire	1000
1131-6	Christensen	Owner	4090
1137-8	Christensen	Owner	5000
1139-40	De Piero	Owner	3000
114-4	Doelger	Owner	2000
1145-6	Leonetti	Owner	3000
1147	Pels	de Veveiros	7000
1148	Satz	Phoenix	1060
1149	Snioti	Owner	2060
1150	Smith	Bourchieu	4530
1151-3	Besio	Owner	3000
1154	Bluett	McCormick	9000
1155	Floravante	Masarie	3000
1156	Hargerty	Undlin	2000
1157	Halgren	Owner	3500
1158	Hanson	Owner	2500
1159	Helfrich	Newton	1500
1160-1	Liebman	Owner	9000
1162-4	Lindsay	Owner	3000
1165	Lindsay	Owner	3750
1166	Lindsay	Owner	4000
1167-8	Mendo	Janssen	7000
1169	O'Brien	O'Brien	1000
1170	Roth	Owner	4000
1171	Simon	Mullen	1900
1171-3	Arco	Owner	3500
1176	Bernhardt	Owner	5000
1177	Crowley	Warren	1950
1178	Driscoll	Hjul	1800
1179	Eisan	Nelson	15000
1180	Fritz	Owner	2000
1181	Kee	Delaney	3000
1182	Nelson	G. G. Constr.	5000
1183	Nofy	Salih	20000
1184	Paramount	Barrett	1900
1185	Peterson	Meinberger	1000
1186	Andersen	Owner	4500
1187	Dahlstrom	Owner	3500
1188	Fisher	Stevenson	1900
1189-92	Hardiman	Owner	3500

DWELLING
 (1118) SW 14TH AVE. AND RIVERA. One-story and basement frame dwelling.
 Owner—Albert Bernhardt, 2406 22nd Ave.
 Architect—D. E. Jaekle, 126 Post St. \$3500

DWELLING
 (1119) W. 18TH AVE., 171 S PACHECO. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (1120) W. 18TH AVE., 150 S PACHECO. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3500

DWELLING
 (1121) W. 41ST AVE., 250 S JUDAH ST. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

DWELLING
 (1122) S. ORTEGA, 92 W 15TH AVE. One-story and basement frame dwelling.

Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

DWELLING
 (1123) W. 40TH AVE., 100 N FULTON ST. One-story and basement frame dwelling.
 Owner—Chas. H. Dreshock, c/o Contractor.
 Contractor—Jas. C. Duerner, 250 Ortega St.
 Architect—Not Given. \$3000

ALTERATIONS
 (1124) 2917-19 CALIFORNIA ST. Alter apartments.
 Owner—John Glenon, 29th St. and Tiffany Ave.
 Architect—Clarence Baker, 155 Montgomery St. \$4000

DWELLINGS (5)
 (1125) E. ST. CHARLES, 190-215-265-290-340 S ALEMANY BLVD. Five 2-story frame dwellings.
 Owner—N. E. Johnson, 666 Mission Street.
 Architect—Not Given. \$3500 ea.

ALTERATIONS
 (1126) 835 ALABAMA. Alter dwelling.
 Owner—H. Laukenan, Prem.
 Contractor—R. Wagner, 1754 Ninth Ave.
 Architect—Not Given. \$1500

ALTERATIONS
 (1127) 416 PRECITA AVE. Alter flats.
 Owner—F. Mieto, Prem.
 Architect—Not Given. \$2000

DWELLING
 (1128) W. CONRAD, 84 S ARBOR. One-story and basement frame dwelling.
 Owner—Kenneth Moore, 73-A Guerrero St.
 Contractor—Gust Dahlstrom, 160 Castro St.
 Architect—Not Given. \$3000

DWELLING
 (1129) W. FUNSTON, 195 S TARAVAL. One-story and basement frame dwelling.
 Owner—H. G. Pengel, 2124 Mariposa.
 Contractor—F. Ennis, 510 Utah St.
 Architect—Not Given. \$4500

ALTERATIONS
 (1130) 520 15TH AVE. Alter dwelling.
 Owner—Kurt Rajek, c/o Contractor.
 Contractor—Empire Constr. Co., Ltd., Russ Bldg.
 Architect—Not Given. \$1000

DWELLINGS
 (1131-5) N ANZA 95, 145, 120, 70 E 48th Ave. Four 1-story and basement frame dwellings.
 Owner and Builder—Herman Christensen, 1801 19th Avenue.
 Architect—C. O. Clausen, 746 64th Avenue. \$4,000 each

DWELLING
 (1136) NE 48th AVE. and Anza St. One-story and basement frame dwelling.
 Owner and Builder—Herman Christensen, 1801 19th Avenue.
 Architect—C. O. Clausen, 746 64th Avenue. \$4,000

FLATS
 (1137) S JUDAH ST. 53 W 21st Ave. Two-story frame flats.

Owner and Builder—Herman Christensen, 1801 19th Avenue.
 Architect—C. O. Clausen, 746 64th Avenue. \$5,000

FLATS
 (1138) SW 21st AVE. and Judah St. Two-story frame flats.
 Owner and Builder—Herman Christensen, 1801 19th Avenue.
 Architect—C. O. Clausen, 746 64th Avenue. \$5,000

DWELLINGS
 (1139-40) SW BRUSSELS 50 and 75 NW Mansell. Two 1-story and basement frame dwellings.
 Owner & Builder—Herman De Piero, 92 Conklin.
 Architect—Not Given. \$3000 each

DWELLINGS
 (1141-4) E 48th AVE. 250, 225, 200 and 175 S Irving St. Four one-story and basement frame dwellings.
 Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
 Architect—Not Given. \$2000 each

DWELLINGS
 (1145-46) S LELAND AVE. 55 and 52 WSchwern. Two 2-story and basement frame dwellings.
 Owner and Builder—A. Leonetti, 458 Leland Avenue.
 Architect—Not Given. \$3000 each

ALTERATIONS
 (1147) 3520 23rd ST. Alter apts.
 Owner—Peter Pels, 3520 23rd Street.
 Contractor—Frank J. de Veveiros, 36 Crown Terrace.
 Architect—F. W. Dakin, 625 Market Street. \$7,000

ALTERATIONS
 (1148) 17 KEARNY ST. Alter store.
 Owner—Julius and Max Satz, prem.
 Contractor—Phoenix - Sipton Co. 520 Sixth Street.
 Architect—Not Given. \$1,000

DWELLING
 (1149) W TREAT AVE. 650 S Precita. One-story frame dwelling.
 Owner and Builder—B. Snioti, 1605 Redwood Ave., Redwood City.
 Architect—Not Given. \$2,000

ALTERATIONS
 (1150) 3018-3020 SCOTT ST. Alter dwelling.
 Owner—W. A. Smith, premises.
 Contractor—J. B. Bourdieu, 2825 20th.
 Architect—Warren C. Perry, 260 California St. \$4,500

DWELLINGS
 (1151-3) W TARA 175, 225, 200 S Geneva. Three 1-story and basement frame dwellings.
 Owner and Builder—Lorenzo Besio, 5136 Third Street.
 Architect—Not Given. \$3,000 each

FLATS
 (1154) W 21st AVE. 125 N Taraval. Two-story and basement frame flats.
 Owner—Tobias Bluett, 2361 21st Ave.
 Contractor—Thos. McCormick, 73 Hill Street.
 Architect—Not Given. \$9,500

CLUB ROOM
 (1155) NE OCEAN 125 SE Alemany Blvd. One-story frame club rm.
 Owner—Floravante Club, 60 Ocean.
 Contractor—Masarie & Scatena, 2550 19th Street.
 Architect—Not Given. \$3,000

ALTERATIONS (1156) 1801 VAN NESS AVE. Alter store. Owner—Mr. Haggerty, premises. Contractor—Udlin Store Fixture Co. 363 11th Street. Architect—Not Given. \$2,000	Contractor—Mullen Mfg. Co., 60 - 62 Rausch Street. Architect—Not Given. \$1,900	Contractor—Delaney & Wilson, 1343 22nd Ave. Architect—Not Given. \$3000
DWELLING (1157) W 24th AVE, 350 S Moraga. One - story and basement frame dwelling. Owner and Builder—A. Hallgren, 1594 29th Avenue. Architect—Not Given. \$3,500	DWELLING (1171) E. CAYUGA, 31 S NIAGARA. One-story and basement frame dwelling. Owner—Arco Bldg. Co., 5401 Mission St. Architect—Not Given. \$3500	FRAME FLATS (1182) S. LOWER TERR., 204 E ROOSEVELT WAY. Two-story and basement frame flats. Owner—B. E. Nelson, 169 Lower Terrace.
DWELLING (1158) N SADOWA 330 W Capitol. One - story and basement frame dwelling. Owner and Builder—Hanson & Klent. 2311 32nd Avenue. Architect—Not Given. \$2,500	DWELLING (1172) E. CAYUGA, 58 S NIAGARA. One-story and basement frame dwelling. Owner—Arco Bldg. Co., 5401 Mission St. Architect—Not Given. \$3500	Contractor—Golden Gate Construction Co., 244 Kearny St. Architect—G. A. Berger, 309 Valencia St. \$5000
ALTERATIONS (1159) 1654 19th AVE. Alter dwelling. Owner—Theo. Helfrich, premises. Contractor—John Newton, 2029 Kirkham Street. Architect—Not Given. \$1,500	DWELLING (1173) E. CAYUGA, 35 S NIAGARA. One-story frame dwelling. Owner—Arco Bldg. Co., 5401 Mission St. Architect—Not Given. \$3500	DWELLING (1183) SW VALLEJO AND NORMANDIE TERR. Two-story & basement frame dwelling. Owner—James Noify, 642 12th Ave. Contractor—Salih Bros., 25 Taylor St. Engineer—L. H. Nishkian, Underwood Bldg. Architect—John H. Ahnden, 822 39th Ave. \$20,000
FLATS (1160-1) E MALLORCA 200 and 175 N Alhambra. Two 2-story and basement frame flats. Owner and Builder—Ben Liebman, 3319 Fillmore Street. Architect—Not Given. \$9000 each	DWELLING (1174) W. 14TH AVE, 25 S RIVERA. One-story and basement frame dwelling. Owner—Albert Bernhardt, 2406 22nd Ave. Architect—D. E. Jaekle, 126 Post St. \$3500	SET BACK CURBS (1184) SE GOLDEN GATE AND JONES. Set back curbs. Owner—Paramount Theater, Prem. Contractor—Barrett & Hiip, 918 Harrison St. Architect—Not Given. \$1900
ALTERATIONS (1162-4) E OXFORD, 175, 225, 200 S Silliman. Three one-story and basement frame dwellings. Owner and Builder—Claude T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3000 each	DWELLING (1175) W. 14TH AVE, 50 S RIVERA. One-story and basement frame dwelling. Owner—Albert Bernhardt, 2406 22nd Ave. Architect—D. E. Jaekle, 126 Post St. \$3500	ALTERATIONS (1185) 1550 VAN NESS AVE. Alter store. Owner—F. S. Peterson, c/o contractor. Contractor—H. S. Mcinberger, 956 Folsom St. Architect—Not Given. \$1,000
DWELLING (1165) E OXFORD 150 S Silliman. One - story and basement frame dwelling. Owner and Builder—Claude T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3,750	FRAME FLATS (1176) N. ARMY, 100 E DOLORES. Two-story and basement frame flats. Owner—Albert Bernhardt, 2406 22nd Ave. Architect—Not Given. \$5000	DWELLING (1186) NE 31st AVE. and Kirkham. One - story and basement frame dwelling. Owner and Builder—Christian Andersen, 146 Granville Way. Architect—Not Given. \$4,500
DWELLING (1166) E OXFORD 125 S Silliman. One - story and basement fraem dwelling. Owner and Builder—Claude T. Lindsay, 820 Taraval Street. Architect—Not Given. \$4,000	ALTERATIONS (1177) 1605 WASHINGTON ST. Alter apartments. Owner—P. Crowley, Prem. Contractor—W. Warren, 614 Hanover St. Architect—Not Given. \$1950	DWELLING (1187) S CHENERY 194 E Elk St. One - story and basement frame dwelling. Owner and Builder—Gust Dahlstrom, 160 Castro Street. Architect—Not Given. \$3,500
FLATS (1167) E STEINER 24 S Greenwich. Two - story and basement frame flats. Owner—Mendo Corp., 1136 Clement. Contractor—E. A. Janssen, 1136 Clement Street. Architect—Not Given. \$7,000	FACTORY (1178) S. ERIE, 243 W VAN NESS AVE SOUTH. One-story frame factory. Owner—Thos. A. Driscoll, 800 Francisco. Contractor—Jas. H. Hjul, 128 Russ Street. Engineer—L. H. Nishkian, Underwood Bldg. Architect—Not Given. \$1800	ALTERATIONS (1188) 369 PACHECO ST. Alter dwelling. Owner—E. P. Fischer, premises. Contractor—L. H. Stevenson 130 Merced Avenue. Architect—Not Given. \$1,900
FLATS (1168) E FUNSTON 75 S Lincoln. Two - story and basement frame flats. Owner—Mendo Corp., 1136 Clement. Contractor—E. A. Janssen, 1136 Clement Street. Architect—Not Given. \$7,000	FRAME FLATS (1179) SE GRAYSTONE TERR & PEMBERTON PL. Three-story frame flats. Owner—Lee Eisan, 35 Casa Way. Contractor—Frank F. Nelson, Inc., 2 Edgell Way. Architect—Not Given. \$15,000	DWELLING (1189) W 23rd AVE, 243 N Noriega. One - story and basement frame dwelling. Owner and Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500
ALTERATIONS (1169) 1830 UNION ST. Alter stores. Owner—O'Brien Bros. c/o contractor. Contractor—Lloyd O'Brien, 369 Pine. Architect—Not Given. \$1,000	ALTERATIONS (1180) SE SUTTER AND KEARNY STS. Alter hotel. Owner—Eugene N. Fritz, 1100 Sacramento. Engineer—L. H. Nishkian, Underwood Bldg. Architect—Conrad T. Kett, 519 California St. \$2000	DWELLING (1190) W 23rd AVE, 219 N Noriega. One - story and basement frame dwelling. Owner and Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500
DWELLING (1170) E 24th AVE, 293 N Noriega. One - story and basement fraem dwelling. Owner and Builder—W. Roth, 378 19th Avenue. Architect—Not Given. \$4,000	DWELLING (1181) S. HUDSON, 225 E BOALT. One-story and basement frame dwelling. Owner—Hu Wal Kee, 1 Montgomery St.	DWELLING (1191) W 23rd AVE, 193 N Noriega. One - story and basement frame dwelling. Owner and Builder—Michael D. Hardiman, 423 38th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1094	Zuckerman	Teigland	8500
1095	Covin	Hoffman	3300
1096	Dudley	McClure	2500
1097	Elec. Prod.	Pedgrift	1500
1098	Larmer	Owner	4800
1099	MacGregor	Jensen	4000
1100	Modesto	Owner	1500
1101	Trulin	Men	2500
1102	Union	Early	8000
1103	Brown	Paige	23800
1104	Perkins	Owner	3250
1105	Barker	Owner	1000
1106	Dodge	Justice	3000
1107	Hammond	Owner	1500
1108	Johnson	Owner	5500
1109	Moser	Owner	3900
1110	Oakland City	Owner	14126
1111	Safeway	Austin	5400
1112	Smith	Armstrong	2000
1113	Altken	Walker	14000
1114	Campbell	Wright	3000
1115	Hadley	Owner	4000
1116	Kimball	Owner	4000
1117	Pendland	Hayward	3300
1118	Samuels	Jacks & Irvine	5800
1119	Berkeley	Norgrove	4200
1120	Greig	Buttion	1000
1121	Frederickson	Owner	5000
1122	Goertz	Owner	4200
1123	Groom	Johnson	3300
1124	Hunter	Owner	2500
1125	Parks	Owner	4000
1126	Scanlon	Flagg	3000
1127	United	Bertelsen	11146
1128	Wyllie	Owner	4000
1129	Faramla	Faramla	4500
1130	Mowday	Owner	2000
1131	Bollinger	Owner	3000
1132	Day	Thrams	3700
1133	Evans	Wheeler	6000
1134	Hastings	Owner	1460
1135	Lyon	Owner	3750

DWELLING

(1094) 1198 KEELER, BERKELEY.
Two-story 6-room frame dwelling and garage.
Owner—Mrs. Zuckerman, 1920 Telegraph.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Architect—W. S. Wellington, 125 Arch St., Berkeley. \$8500

DWELLING

(1095) 7620 VALENTINE STREET, OAKLAND. One-story 5-room dwelling.
Owner—Glenn Covin, Prem.
Contractor—E. Hoffman, 8220 Outlook Ave.
Also 1-story garage, \$200.
Architect—Not Given. \$3300

ALTERATIONS

(1096) 2655 WAKEFIELD AVE., OAKLAND. Alter apts.
Owner—Mrs. Dudley and Mrs. Stewart, Prem.
Contractor—S. & J. S. McClure Co., 506 Ramona Ave., Albany.
Architect—Not Given. \$2500

REPAIRS

(1097) 950 30TH ST., OAKLAND.
Fire repairs.
Owner—Electrical Products Corp., Premises.
Contractor—Jas. H. Pedgrift, 518 Apgar St.
Architect—Not Given. \$1500

DWELLING

(1098) 5101 HARBORD DR., OAKLAND. One-story 5-room dwelling.
Owner & Builder—Edward Larmer, 90 Fairview Ave.
Architect—Irwin Johnson, 2219 7th Ave. \$4800

DWELLING

(1099) 132 TAURUS AVE., OAKLAND. One-story 5-room dwelling.

Owner—W. T. McGregor, Oakland, Calif.
Contractor—Harry K. Jensen, 2757 Rawson St.
Also 1-story garage, \$200.
Architect—Not Given. \$4000

ALTERATIONS

(1100) 2264 E. 12TH ST., OAKLAND.
Alterations.
Owner & Builder—Modesto Jersey Dairies, Inc., Prem.
Architect—Not Given. \$1500

DWELLING

(1101) 2315 107TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Adrian Trulin, 623 54th St.
Contractor—Ole Moen, 3201 Wyman St.
Also 1-story garage, \$200.
Architect—Not Given. \$3500

SERVICE STATION

(1102) 2200 TELEGRAPH AVE., OAKLAND. One-story steel service station.
Owner—Union Oil Co., Mills Bldg., San Francisco.
Contractor—Fred J. Early, Jr., 366 40th St.
One-story steel comfort sta., \$200
Architect—Not Given. \$8000

DWELLING

(1103) 715 CRESTON ROAD, BERKELEY. Two-story ten-room frame dwelling and garage.
Owner—Bradley E. Brown, 1112 The Alameda.
Contractor—Harold L. Paige, 5651 Oak Grove Ave., Oakland.
Architect—Roland I. Stringham, 525 Walnut St., San Francisco. \$23,806.00

DWELLING

(1104) 1318 CORNELL, BERKELEY. One-story 5-room frame dwelling and garage.
Owner and Builder—H. B. Perkins, 1511 Woolsey.
Architect—L. Howard, 1930 Stuart. \$3,250

ALTERATIONS

(1105) 6521 DANA ST., OAKLAND.
Alterations.
Owner and Contractor—A. L. Barker
2752 Piedmont Ave., Berkeley.
Architect—Not Given. \$1000

DWELLING

(1106) 1477 76th AVE., OAKLAND.
One-story 5-room dwelling.
Owner—F. A. Dodge, 5809 Foothill Blvd., Oakland.
Contractor—N. F. Justice, 2206 Clinton Ave., Alameda.
Architect—Not Given. \$3,000
Also 1-story garage, \$150.

ALTERATIONS

(1107) 4112 MONTGOMERY Street, OAKLAND. Alterations.
Owner and Contractor—Mrs. Grace Hammond, California Hotel, S. E.
Architect—Not Given. \$1,500

DWELLING

(1108) 4217 DUNSMUIR AVE., OAKLAND. One-story 6-room dwelling.
Owner and Builder—O. W. Johnson, 3721 Young Ave., Oakland.
Architect—Not Given. \$5,500

DWELLING

(1109) 7526 STERLING DR., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Henry Moser, 2682 Parker Ave., Oakland.
Architect—Not Given. \$3,900

ADDITION

(1110) 467-70 51st St., OAKLAND. One-story concrete addition.

Owner and Builder—City of Oakland.
City Hall.
Architect—Not Given. \$14,126

WAREHOUSE

(1111) 525 HIGH ST., OAKLAND.
One-story warehouse.
Owner—Safeway Stores, Inc., Fourth and Jackson Sts., Oakland.
Contractor—The Austin Co., 1001 Ray Bldg., Oakland.
Architect—Not Given. \$5,400

DWELLING

(1112) 3525 OAK KNOLL Boulevard, OAKLAND. One-story five-rm. dwelling.
Owner and Builder—Geo. O. Smith, 203 Pomona Ave., El Cerrito.
Architect—Not Given. \$3,500

ALTERATIONS

(1118) 53 DOMINGO, BERKELEY.
Alterations.
Owner—A. C. Aitken, Prem.
Contractor—J. R. Armstrong, 834 E. 10th St., Oakland.
Architect—Not Given. \$2000

DWELLING

(1114) 2926 AVALON, BERKELEY. Two-story 8-room frame dwelling and garage.
Owner—Donald Campbell, 2101 Shattuck.
Contractor—J. M. Walker, 401 Spruce Street.
Architect—F. S. Confer. \$14,000

DWELLING

(1115) 4021 CANON AVE., OAKLAND. One-story 5-room dwelling.
Owner—Walter W. Hadley, Prem.
Contractor—Wright & Gustafson, 3568 Kempton Ave.
Also 1-story garage, \$200.
Architect—Not Given. \$3000

DWELLING

(1116) 3529 JORDAN ROAD, OAKLAND. Two-story 5-room dwelling.
Owner & Builder—Stanley Kimball, 2456 Hilgard Ave., Berkeley.
Architect—Not Given. \$4000

DWELLING

(1117) 9824 OLIVE ST., OAKLAND. One-story 5-room dwelling.
Owner—S. A. Pendland, 1578 80th Ave.
Contractor—C. D. Hayward, 2990 Barrett St.
Architect—Not Given. \$3300

ALTERATIONS

(1118) 1700 BROADWAY, OAKLAND. Alterations.
Owner—Albert S. Samuels Co, 879 Market St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Architect—Not Given. \$5800

ALTERATIONS

(1119) 2120 ALLSTON WAY, BERKELEY. Alterations.
Owner—Berkeley Chapter, Red Cross premises.
Contractor—C. M. Norgrove, 2220 Roosevelt.
Architect—Not Given. \$4,200

ADDITION

(1120) 2608 ASHBY AVE., BERKELEY. Additions.
Owner—Mrs. Greig, 2608 Ashby Ave.
Contractor—J. W. Button, 347 63rd St., Oakland.
Architect—Not Given. \$1,000

DWELLING

(1121) 50 SHERIDAN ROAD, OAKLAND. One-story 6-room dwelling.
Owner and Builder—Karl S. Fredrickson, 1871 Tiffin Road.
Architect—Not Given. \$5,000

DWELLING
 (1122) S ARMOUR DR. Lot 253 Forestland, OAKLAND. One-story 5-room dwelling.
 Owner and Builder—Glen Goertz and Thelma Battersby, 919 Broadway.
 Architect—Not Given. \$4,200
 Also 1-story garage, \$200.

DWELLING
 (1123) 2962 69th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—G. Groom, 6127 Foothill Blvd.
 Contractor—Elmer Johnson, 612 7 Foothill Blvd.
 Architect—Not Given. \$3,300

DWELLING
 (1124) 3122 GUIDO ST., OAKLAND. One-story 4-room dwelling.
 Owner and Builder—J. R. Hunter, 2356 25th Ave.
 Architect—Not Given. \$2,800

DWELLING
 (1125) 2605 90th AVE., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—D. W. Parks, 2536 63rd Avenue.
 Architect—Not Given. \$4,000

DWELLING
 (1126) 2678 63rd AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Thos. E. Scanlon.
 Contractor—A. J. Flagg, 3743 Lonia Vista Avenue.
 Architect—Not Given. \$3,000

ADDITION
 (1127) 5951 COLLEGE AVE., OAKLAND. Two-story addition.
 Owner—United Presbyterian Church, 5651 College Avenue.
 Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.
 Architect—E. T. Foulkes, 357 12th St. Oakland. \$11,146

DWELLING
 (1128) 2100 100th AVE., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—F. W. Wyllie, Jr., 1134 73rd Avenue.
 Architect—Not Given. \$4,000
 Also one-story garage, \$200.

DWELLING
 (1129) 1146 FRANCISCO, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—R. Faramia, Prem.
 Contractor—J. Faramia, 827 Madison, Albany.
 Architect—Not Given. \$4500

ADDITIONS
 (1130) 1602 SONOMA, BERKELEY. Additions.
 Owner & Builder—B. W. Mowday, Prem.
 Architect—Not Given. \$2000

DWELLING
 (1131) 7531 GRANLEY DR., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Elsie M. Bollinger, 1539 Encinal Ave., Alameda.
 Also 1-story garage, \$200.
 Architect—Not Given. \$3000

SERVICE STATION
 (1132) 441 E. 8TH ST., OAKLAND. One-story steel service station.
 Owner—Floyd Day, 5570 Lawton Ave.
 Contractor—C. H. Thrans, 28 Home Place.
 Architect—Not Given. \$3700

ADDITION
 (1133) 1233-35 PERALTA STREET, OAKLAND. Addition to apts.
 Owner—Mrs. P. Evans, 1537 73rd Ave.
 Contractor—W. J. Wheeler, 4001 Elston Ave.
 Architect—Not Given. \$6000

ADDITION
 (1134) 2814 SYLHOWE RD., OAKLAND. Addition.
 Owner & Builder—Lulu B. Hastings, Prem.
 Architect—Not Given. \$1460

DWELLING
 (1135) 2738 23RD AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—C. D. Lyon, 6501 Vuena Ventura Ave.
 Architect—Not Given. \$3750

ALTERATIONS
 (1136) 3533 38TH AVE., OAKLAND. Alterations and additions.
 Owner & Builder—Palo Alto Mutual Bldg. & Loan Assn., 257 University Ave., Palo Alto.
 Architect—Not Given. \$1500

DWELLING
 (1137) 7075 BROADWAY TERR., OAKLAND. Two-story 5-room dwelling.
 Owner—R. Paplow, 5339 Broadway.
 Contractor—C. L. Ingler, 150 Alta Road.
 Also 1-story garage, \$250.
 Architect—Not Given. \$3750

DWELLING
 (1138) 6025 MONROE AVE., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—H. C. Pfrong, 5659 Ocean View Dr.
 Architect—Not Given. \$4000

REPAIRS
 (1139) 3639 GROVE ST., OAKLAND. Fire repairs.
 Owner—Frank Smith, 1150 7th Ave.
 Contractor—W. K. Van Bokkelen, 439 23rd St.
 Architect—Not Given. \$1000

DWELLING
 (1140) 4809 PROCTOR AVE., OAKLAND. One-story 5-room dwelling.
 Owner—G. W. Stabbe, 838 Prospect Ave.
 Contractor—Toombs & Booth, 2545 Benvenue Ave., Berkeley.
 Architect—E. R. Dechene, 361 17th St. \$4900

DWELLING
 (1141) 3374 64TH AVE., OAKLAND. One-story 3-room dwelling.
 Owner & Builder—Elvin Van Ness, 4920 Park Blvd.
 Architect—Not Given. \$2100

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
304 Gonzales	Trollman	3900
305 Braunlich	Zinkand	4000
306 Bluiitt	McCormick	9800
307 Fox	Barrett	1859
308 Giampaoli	Reiman	1263

DWELLING
 (304) SW ANDERSON ST. AND CRESCENT AVE. One-story frame dwelling.
 Owner—Felix Gonzales & Co., 700 Crescent.
 Contractor—John Trollman, 49 Liebig.
 Filed May 5, '38. Dated Apr. 26, '38
 Roof on\$975
 Structure roughed in..... 975
 Completion 975
 Usual 35 days..... 975
TOTAL COST, \$3900.00
 Limit, 90 days.

DWELLING
 (305) W. MASONIC, 30 N GOLDEN GATE AVE. One-story and basement frame dwelling.

Owner—B. E. and Margaret Braunschweig.
 Architect—Albert H. Larsen, 333 Kearny.
 Contractor—Ed Zinkand & Son, 667 36th Ave.
 Filed May 9, '38. Dated May 4, '38
 Bond, \$4000. Sureties, David Grandi and Ferdinand Terheyden. Limit, 90 days. Plans and specifications filed.

FRAME FLATS
 (306) W. 21ST AVE., 125 N TARAVAL. Two-story and basement frame flats.
 Owner—Tobias Bluiitt, 2367 21st Ave.
 Contractor—Thos. J. McCormick, 73 Hill St.
 Filed May 9, '38. Dated May 6, '38
 Frame up\$2450
 Brown coated 2450
 Completion 2450
 Usual 35 days 2450
TOTAL COST, \$9,800.00
 Bond, \$4,900. Sureties, John Smyth and Patrick Shannon. Forfeit, \$1. Limit, 90 days. Plans and specifications filed.

SET BACK CURB, ETC.
 (307) GOLDEN GATE AVE. near Jones St. Set back curbs, etc.
 Owner—Fox West Coast Theatres Corp., premises.
 Engineer—L. H. Nishkian, 525 Market Street.
 Contractor—Barrett & Hilp, 918 Harrison Street.
 Filed, May 10, '38. Dated, May 9, '38.
 Upon completion75%
 Usual 35 days25%
TOTAL COST, \$1899.00
 Bond, \$1899. Sureties, Fidelity & Deposit Co. of Maryland. Limit, 21 days. Plans and Spec. filed.

ALTERATIONS
 (308) 3014 PIERCE ST. Alter flats.
 Owner—G. Giampaoli, 3014 Pierce St.
 Architect—Not Given.
 Contractor—Wm. Reiman, 81 Alexander.
 Filed, May 10, '38. Dated, Aug. 10, '36
 First payment\$700
 Balance, per month 79
TOTAL COST, \$1263.00

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
183 Union Oil	Early	4750
184 Safeway	Austin	6375

SERVICE STATION
 (183) 22nd and TELEGRAPH, Oakland. Service station.
 Owner—Union Oil Co., 516 18th St.
 Architect—Not Given.
 Contractor—Fred J. Early, 369 Pine St., San Francisco.
 Filed, May 5, '38. Dated, Apr. 27, '38
 5 days after completion.....75%
 Usual 35 days.....25%
TOTAL COST, \$4750
 Limit, 35 days. Plans and specifications filed.

FRAME BUILDING
 (184) ONE-STORY FRAME BLDG.
 Owner—Safeway Stores, Inc.
 Contractor—The Austin Co.
 Filed May 10, '38. Dated May 3, '38
 1st day each month, 85% labor and material; balance usual 35 days.
TOTAL COST, \$6,375.00

**ALAMEDA COUNTY
 UNDER \$1000**

REPAIR, \$45; 4169 Park Blvd., Oakland; owner, Mrs. Hyman, Premises; contractor, T. J. Garvey, 4529 Harbord Dr.
ALTER for garage \$250; 4002 Everett Ave., Oakland; owner and contractor, S. I. Lundberg, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and Theaters |
| 8.—Club Buildings | 17.—Wharves & Docks |
| 9.—Hospitals | 18.—Misc. Const. |
| 10.—Hotels | 19.—Misc. Supplies & 20.—Misc. Supplies & |

1—APARTMENTS

Preparing Working Drawings
APARTMENTS Cost, \$.....
BURLINGAME, San Mateo Co., Cal. Three-story frame and stucco apartment building (ten 3-room apts.) shingle roof, wood sash, tile baths and showers, hardwood floors, etc.)

Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Upon completion of plans the owner will probably take segregated bids.

Sub Contracts Awarded
APT. HOUSE Est. Cost, \$70,000
BAYWOOD, San Mateo Co., Cal. Three-story frame and stucco apt. house (19 3-room and 4-room apartments), hardwood floors, tile baths, etc.

Owner & Builder—L. Dioguardi, 227 San Mateo Dr., San Mateo.
 Heating—H. E. Park, 1230 Broadway, Burlingame.

Plumbing—The Scott Co., 113 Tenth St., Oakland.
 Electric Wiring—American Electric Construction Co., 462 Bryant St., San Francisco.

CONTRACT AWARDED

LOS ANGELES, Calif.—John L. Hudson, 617 S. Fairfax Ave., awarded contract and will start work at once on the erection of a two and part three-story frame and stucco apartment house (130 x 173 ft.) at 10824 Lindbrook Dr., West Los Angeles, for W. C. Acker, Rosslyn Hotel. Bids for sub-trades, none of which have been awarded, will be taken by Mr. Hudson at the job and by Mr. Acker. It will contain 70 single and bachelor apts. and a Class A basement garage. Cost, \$90,000. Max Maltzman, architect, 560 Paramount Bldg., Los Angeles. * 1

3—CHURCHES

Preparing Working Drawings
CHURCH Cost, \$.....
WEST OAKLAND, Alameda Co., Cal. Frame and stucco church building; social hall.

Owner—Golden Gate Methodist Episcopal Church.
 Architect—Geo. P. Simonds, 80 Main St., Hayward.
 Work will be done by day's work.

CONTRACT AWARDED

SAN DIEGO, Cal.—E. D. Bryans, 3401 Granada St., San Diego, awarded contract for construction of a new edifice at Chatsworth Blvd. and Poinsettia Dr., San Diego, for the Loma Portal Community Presbyter-

ian Church; Rex Thomas Franklyn Hudson, pastor. Cost, \$25,000. Win. P. Lodge, architect, Fifth Ave. Bldg., San Diego. 3

Preparing Working Drawings
CHURCH Est. Cost, \$8,500
EAST OAKLAND, Alameda Co., Cal. Wood frame and stucco church bldg. to seat about 150 persons (composition roof, plaster interior, gas heating system).

Owner—Withheld.
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.

Contract Awarded
CHURCH ADDN. Cost, \$11,146
OAKLAND, Alameda Co., Calif. 5951 College Avenue.

Two-story addition to church.
 Owner—United Presbyterian Church, 5951 College Ave., Oakland.
 Architect—E. T. Foulkes, 357 12th St., Oakland.

Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.

4—FACTORIES & WAREHOUSES

Planned
PLANT Cost, \$150,000
FRESNO, Calif. California Avenue and G Street.

Construction of new steel plant.
 Owner—Western Pipe & Steel Co. of Calif., 1815 Cherry Ave., Fresno (J. W. Hall, District Mgr.).
 Architect—Not Given.

Work will probably start within two months.

PLANS BEING FIGURED

LOS ANGELES, Calif.—Until May 17, Union Pacific Railway Co., 434 W. Sixth St., is taking bids for a reinforced concrete warehouse and office building (9300 sq. ft.) to be built at Boyd and Anderson Streets for the company. 4

FIRE LOSS

SANTA ROSA, Sonoma Co., Cal.—Fire destroyed the Central California Poultry Producers plant at Santa Rosa on May 10 with damage estimated at \$100,000. * 4

5—FLATS

Plans Completed
FLATS Cost, \$.....
SAN FRANCISCO, NW Golden Gate and Masonic Avenues.

Two-story frame and stucco flats (5 and 6 rooms) composition roof hardwood floors, tile baths, wood sash, etc.

Owner and Builder—John Murphy, 350 Claremont Blvd.
 Architect—H. C. Baumann, 251 Kearny Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded
MODERNIZATION Cost, \$.....
SAN FRANCISCO, Market St. and Duboce Ave.
 Modernization of gasoline service station.

Owner—Shell Oil Co.
 Plans by Engrg. Dept. of Owner.
 Contractor—F. C. Amoroso & Sons, NE Keith and Wallace Sts.

Contract Awarded
MODERNIZATION Cost, \$.....
WATSONVILLE, Santa Cruz Coun-

ty, Calif. Main and Bridge Sts. Modernization of gasoline service station, including paving work.
 Owner—Shell Oil Company.
 Plans by Engr. Dept. of Owner.
 Contractor—J. Karstedt, Watsonville

Contract Awarded
MODERNIZATION Cost, \$.....
KING CITY, Monterey Co., Calif. Modernization of gasoline service station, including paving and installation of two pumps.

Owner—Shell Oil Company.
 Plans by Engr. Dept. of Owner.
 Contractor—Granite Const. Co., Ltd. Bin No. 9, Watsonville.

7—FEDERAL BUILDINGS

MATERIALS APPROVED
SANTA MONICA, Los Angeles Co., Cal.—Treasury Dept. approved the following equipment awards for the construction of the U. S. Post Office at Santa Monica; James I. Barnes Construction Co., general contractor; Lawn sprinklers, G. E. Moody Co. 7

BIDS WANTED

FLAGSTAFF, Ariz.—Until June 1, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc. in the U. S. Post Office at Flagstaff.

Specifications may be obtained from the above office and from the custodian of the building. * 7

Bids Wanted—To Close June 24,

1:00 P.M.
POST OFFICE Cost, \$95,000
LIHUE, T. H. United States Post Office.
 Owner—U. S. Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

As previously reported, plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit for one set of plans. Additional sets, \$7 per set.

BIDS WANTED

ELY, Nevada—Until June 7, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for driveway pavement for the U. S. Post Office at Ely.

Specifications may be obtained from the above office and from the Custodian of the Building. * 7

BIDS WANTED

ELY, Nev.—Until June 7, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for bulletin boards for the U. S. Post Office at Ely, Nevada.

Drawings and specifications obtainable from the above office and from the Custodian of the Building. * 7

MATERIALS APPROVED

PACIFIC GROVE, Monterey Co., Cal.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Pacific Grove; K. E. Parker Co., general contractor; Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler, Kelvinator Corp.; water heater, Crane Co.; pressure-reducing valve on water supply, Mueller Co.; relief valve, Mueller

Co.; back water cesspools, Josam Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; boiler, Amer. Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; oil and gas burners, Ray Oil Burner Co.; tube and wall radiators, Am. Radiator Co.; air valves for radiators and air valves for ends of steam mains, Amer. Radiator Co.; panel boards, Safety Switchboard & Mfg. Co.; rubber-covered wire, Hazard Insulated Wire Works; receptacles and flush switches, Arrow-Hart & Hegeman Electric Co.; flush switches, Arrow-Hart & Hegeman Elec. Co.; glassware, Perfection Glass Co. and Phoenix Glass Co.; lighting fixtures, Perfectite Co. 7

BIDS WANTED

NORTH HEAD, Wash.—Until May 20, bids will be received by the Department of Agriculture, Washington, D. C., under Proposal 2277, for repairs and improvements to the Weather Bureau buildings at North Head, Wash. Repairs and improvements will be confined to the office-living quarters building and the cottage situated immediately to the east thereof. 7

BIDS WANTED

EUGENE, Ore.—Until May 24, bids will be received by the Division of Purchases & Sales, Dept. of Commerce, Washington, D. C., for erecting of Adcock Tower Antenna system and Radio Facility Bldg., at Eugene; Proposal 29160.

Work consists of erecting five 132-ft. steel towers (steel furnished) constructing 15½x28-ft. masonry building, concrete foundations, fence, driveway, etc. Quantities: 800 c.y. of earthwork; 110 c.y. concrete; 1000 tile; 200 glass blocks; 7400 lbs. reinforcing steel; 190 rods fencing; 235 c.y. road surfacing; 100 rods fence removal. 7 (110)

BIDS OPENED

POINT ARGUELLO, Santa Barbara Co., Cal.—Blaw Knox Co., Pittsburgh, Pa., at \$5,832, submitted low bid to the Department of Commerce, Lighthouse Service, Room 425, Custom House, San Francisco, for furnishing and erecting in place, one Guved Type Vertical Radiator, at the Point Arguello Light Station, near Arlight, Santa Barbara Co., Calif.

Other bids were: English Constr. Co., Lower Mass.—\$6,625.

International Derrick & Equipment Co., Torrance, Cal.—\$6,904.

Shanahan Bros., Inc., Lincoln Pk., Cal.—\$7,350.

BIDS WANTED

SAN FRANCISCO.—Until May 31, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for partition changes, etc., at the Federal Office Building at San Francisco.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at San Francisco.

Preparing Plans

STOREHOUSE Est. Cost, \$500,000 **MARE ISLAND, Soñano Co., Calif.** Construction of possible 5-story supply storehouse; Spec. No. 8742. Owner—U. S. Government, Bureau of Yards and Docks, Navy Dept., Washington, D. C.

BIDS WANTED

HOLLISTER, San Benito Co., Cal.—Until June 1, 10 a.m., bids will be received by the Procurement Divi-

sion, Public Bldgs. Branch, Washington, D. C., for varnishing exterior woodwork at the U. S. Post Office at Hollister. Specifications may be obtained from the above office and from the Custodian of the Bldg. 7

BIDS WANTED

KETCHIKAN, Alaska.—Until June 7, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for linoleum for floor covering on third floor, at the U. S. Post Office, Court House, Custom House and Jail at Ketchikan.

Drawings and specifications may be obtained from the above office and from the Custodian of the Building. 7

Sub Contracts Awarded

STANISLAUS Co., Cal.—F.J. Early, Jr., 369 Pine St., San Francisco, was awarded following sub contracts for construction of Community Buildings and facilities at the Westley Tract of the California Migratory Labor Camps Project in Stanislaus Co.: Plumbing, Water and Sewage Systems—Scott Co., Inc., 243 Minna St., San Francisco.

Electric Wiring—American Electric Constr. Co., 462 Bryant St., San Francisco.

Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

Painting—Raphael Co., 270 Tehama St., San Francisco.

PLANS COMPLETED

RIVERSIDE, Calif.—Ruhnau and Saunders, Kenneth M. Saunders, architect, 3484 Jackson St., Riverside, have prepared plans for a group of three salinity buildings to be built at Rubidoux Laboratory in Riverside for the U. S. Dept. of Agriculture. Plans have been sent to Washington for approval, along with names of 15 contractors selected to submit bids. Plans will be issued from Washington and bids opened about June 15. Work will include a two-story reinf. conc. head building, 28x100 feet, and two greenhouses, each 32x100 feet in area, of semi-steel frame construction with provision for air conditioning, and a reinf. concrete machinery pit, 100x17 feet in area and 9 feet deep, with metal skylights and fire doors. Work also includes excavation and tile drains. Cost of the buildings is estimated at \$80,000. Equipment, including air conditioning, will be let under separate contracts. 7

MATERIALS APPROVED

SAN DIEGO, Calif.—The Treasury Department has approved the following building material and equipment awards for additional heating for hangar at the Coast Guard Air Station, San Diego; Fred A. Heilbron, contractor; Circulating pump, Bell & Gossett Co.; thermostat, Bell & Gossett Co.; air relief valves and pressure tank, Bell & Gossett Co.; pressure reducing valve with strainer, H. A. Thrust Mfg. Co.; radiator valve, Ohio Pattern Works & Foundry Co. 7

CONTRACT AWARDED

SAN FRANCISCO.—Prefabricated Construction, Inc., Seattle, Wash., at \$3,486 each, awarded contract by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of portable demountable buildings for Camp YMP-8 (Fresno), Chinese Camp, Calif., and BF-2 Chas. Shelton W. Life Refuge (Sacramento), Winnemucca, Nev.

As previously reported, Western Pine Mfg. Co., Spokane, Wash., at

\$82,358.09 awarded contract for balance of buildings throughout the 9th Corps Area. *

LOW BIDDER

MT. SHASTA, Siskiyou Co., Cal.—Edward Green, 3025 St. George St., Los Angeles, at \$5,803 submitted low bid on Items 1 and 2 to the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility building near Mount Shasta. Proposal 29130.

BIDS WANTED

ALCATRAZ, Calif.—Until May 31, 2 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for furnishing and installing of eight sets of 30-inch Laundry Extractors and one 24-in. Starch Extractor Spec. No. 60; Invt. No. ET-354.

Bids will be opened at Room 415, Post Office Bldg., San Francisco, where they may be delivered in person, or mailed to Warden, U. S. Penitentiary, Alcatraz.

A copy of specifications is now on file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

8— CLUB BUILDINGS

CONTRACT AWARDED

SAN CLEMENTE, Orange Co., Cal.—Strang Bros. Const. Co., 212 Calle Marina, San Clemente, awarded contract for remodeling the Casino in San Clemente for the Capital Co. Work will consist of an addition with brick walls, tile roof, rubber counter covering and bar improvements. A storage shed will also be built. Chas. A. Hunter, architect, 1096 Coast Blvd. South, Laguna Beach. 8

9— HOSPITALS

Contracts Awarded

WARD UNIT Cost, \$.....
AGNEW STATE HOSPITAL, Santa Clara County, Calif.

Erection and completion of Ward Unit No. 2 at Fairmount to consist of two-story reinf. conc. building with hollow tile partitions, steel sash, wood roof construction and tile roof covering, together with approx. 1900 lin. ft. of road work, miscellaneous concrete sidewalks, and concrete manholes.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

General Work
K. E. Parker Co., 135 South Park, San Francisco, \$296,800.

Electric Work
Guilbert Bros. Elec. Co., 286 West Santa Clara St., San Jose, \$12,354.

Plumbing Work
J. A. Fazio, 401 Castro St., Oakland, \$35,550.

Heating and Ventilating
W. A. Aschen, 3000 E 16th St., Oakland, \$26,875.

SUB-CONTRACTS AWARDED

CALIENTE, Nevada.—L. P. Sherer, Redlands Theater Bldg., Redlands, awarded the following sub-contracts for construction of the new county hospital in Caliente:

Reinf. Steel, Steel Sash and Screens: Concrete Engr. Co., Los Angeles.

Cement—Southwestern Portland Cement Co., Los Angeles.

Sand and Gravel—B. L. Baldwin, Las Vegas, Nev.

Lathing & Plastering, Cement Block Masonry—S. C. Pettit, Redlands.

Lumber—Wattis - Decker Co., Inc., Salt Lake City, Utah.

Millwork—Fletcher Planing Mill, Redlands.

Electric Wiring - Homer Jenkins,
Palm Springs.
Plumbing and Fixtures - Harold Blum-
enthal, Provo, Utah. * 3

Plans Being Figured - Bids Close
May 19, 3 P. M.

ALTERATIONS Cost, \$.....
SAN FRANCISCO, 3700 California.
Alterations to Children's Hospital,
involving steel work, concrete,
tile and terrazzo, heating, and
elevator.

Owner - Children's Hospital.
Architect - Masten & Hurd, 442 Post
Street.

Plans are being figured by the
following selected list of contrac-
tors:

Empire Const. Co., Ltd., 428 Russ
Building.
Dinwiddie Const. Co., 210 Crock-
er Bldg.

Lindgren & Swinerton, Inc., 615
Standard Oil Bldg.
K. E. Parker Co., 135 South Park.
M. A. Little Co., Inc., 107 24th Ave.
E. A. Howkins & Co., 1182 Market.
G. P. W. Jensen & Sons, Inc., 320
Market Street.

Miller Const. Co., 3917 Mission St.
(0528) 1st rep. Mar. 28, 1938. * 9

10 - HOTELS

Segregated Contracts Awarded
COCKTAIL LOUNGE Cost, \$.....
SAN FRANCISCO, 353 Geary Street.
Installation of new cocktail lounge
in the Hotel Stewart.

Owner - Hotel Stewart, c/o Architect
Architect - Hertzka and Knowles, 359
Pine Street.

Bar Fixtures and Mill Work - L. & E.
Emanuel, Inc., 2665 Jones St.
Electric Wiring - Charles A. Langlais,
472 Tehama Street.

12 - POWER PLANTS

CONTRACT AWARDED
SEATTLE, King Co., Wash. - Indus-
trial Electric Co., 1304 Stewart
St., at \$70,050 awarded contract by
the Board of Contracts and Awards,
Seattle, for installing equipment in
south receiving substation, Fourth
Avenue S. and Spokane St., Seattle.
* 12

13 - PUBLIC BUILDINGS FIRE HOUSES & JAILS

Sub Contracts Awarded
PALACE INTERIORS
Cost, Pr., \$70,250
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.

Interior of Palaces 11, 12, 13 and 14;
Contract No. 160.

Owner - S. F. Bay Exposition, Inc.
(L. W. Cutler, Pres.), 585 Bush
St., San Francisco.

Plans by S. F. Bay Exposition Archi-
tectural Commission, 585 Bush
St., San Francisco.

Contractor - Guy F. Atkinson Co., 662
Russ Bldg., San Francisco.

Ventilating - James A. Nelson, Inc.,
1375 Howard St., San Francisco.

Electric Wiring - Spencer Electric
Co., 570 Natoma St., San Fran-
cisco.

Painting - Patterson Bros., 573 Santa
Rosa Ave., Berkeley.

Mill Work - Pacific Mfg. Co., Santa
Clara.

Contract Awarded
ALTERATIONS Cost, Pr., \$4,887
SACRAMENTO, Calif. State Capitol.
Minor alterations to office building
No. 1 at State Capitol.

Owner - State of California.
Architect - Geo. B. McDougall, State
Architect, Public Works Building,
12th and N Sts., Sacramento.

Contractor - Lindgren & Swinerton,

Inc., Y and Sacramento River,
\$4,887.

Complete bids were:
Lindgren & Swinerton, Inc., \$4,887
Lawrence Const. Co., 4,932
Holdener Const. Co., 5,000
Henry Finnigan, 5,198
Chas. F. Unger, 5,830
All of Sacramento.

NO BIDS RECEIVED

LASSEN CO., Cal. - No bids were
received May 10 by the Department
of Public Works, Division of High-
ways, at the office of the District
Engineer, Redding, for construction
of a maintenance station building
and appurtenances in Lassen County
at the Secret Valley Maintenance
Site located on the Susanville-Altu-
ras Highway about 16 miles south
of Ravendale. *

CONTRACT AWARDED

SAN FRANCISCO - Lacquer Floor
Service Co., 2350 Keith St., at \$635
awarded contract by the Department
of Public Works, City Hall, for
cleaning and lacquering linoleum at
Mission Branch Library, 24th and
Bartlett Sts.; Noe Valley Branch Li-
brary, Jersey St. near Castro St.,
and Sunset Branch Library, 18th Ave.
and Irving St.

Contract Awarded
HOSPITAL SECTION
Cost, Pr., \$15,300

YERBA BUENA SHOALS. Site of
the 1939 World's Fair.

Hospital Section, Air Terminal Bldg.
Contract No. 156.

Owner - S. F. Bay Expo. (L. W. Cut-
ler, Pres.), 585 Bush Street, San
Francisco.

Plans by S. F. Expo. Arch. Commn.,
585 Bush St., San Francisco.

Contractor - Oliver S. Almie, 1445
24th Ave., San Francisco.

Contract Awarded
PLASTERING Cost, Pr., \$8,335
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.

General plastering for East Hangar;
Contract No. 136.

Owner - San Francisco Bay Expositi-
on, Inc. (L. W. Cutler, Pres.),
585 Bush St., San Francisco.

Plans by S. F. Bay Expo. Architec-
tural Commission, 585 Bush St.,
San Francisco.

Contractor - James F. Smith, 271
Minna St., San Francisco.

NOTE: Leonard Bosch, at \$5,752,
submitted low bid; however, due to
an error in bid, he was permitted to
withdraw same and contract was
awarded second low bidder.

Plans Completed
FIREHOUSE Cost, \$.....
CORNING, Tehama Co., Cal.

Two-story concrete firehouse.
Owner - City of Corning.

Architect - Jens C. Petersen, 812 26th
St., Sacramento.

The City of Corning voted bonds
recently in the amount of \$11,000,
proceeds to finance construction.

Bids will probably be asked early
in July.

Bids Wanted - To Close May 23,
3:00 P. M.

ELECTRIC WORK Cost, \$.....
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.

Electrical work, North Square Court;
Contract No. 183.

Owner - S. F. Bay Expo., Inc. (L. W.
Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expo. Architec-
tural Commission, 585 Bush St.

Plans and specifications may be
obtained after 2 p.m., May 9, at the
above office upon deposit of \$20.

Bids Wanted - To Close May 23,

3:00 P. M.
ELECTRIC FIXTURES Cost, \$.....
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.

Electrical fixtures, Air Terminal
Building; Contract No. 185.

Owner - S. F. Bay Expo., Inc. (L. W.
Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expo. Archi-
tectural Commission, 585 Bush
Street.

Plans and specifications may be
obtained after 2 p.m., May 9, at the
above office upon deposit of \$20.

Planned
CITY HALL, ETC. Cost, \$.....
FRESNO, Fresno County, Calif.

New city hall, fire engine house and
fire alarm station.

Owner - City of Fresno.
Architect - Not Selected.

An architect will be selected short-
ly to prepare sketches to be used in
computing estimates of costs and
preparing possible application for
federal funds.

Planned
ADDITION Cost, \$65,000
REDWOOD CITY, San Mateo Co.,
Calif.

Addition to present City Hall.
Owner - City of Redwood City.

Architect - James H. Mitchell, 369
Pine St., San Francisco.

Construction will be financed in
whole or part by bond issue depend-
ing on whether or not PWA grants
are available.

Planned
LIBRARY Cost, \$65,000
REDWOOD CITY, San Mateo Co.,
Calif.

Construction of new Library Bldg.
on property adjacent to the City
Hall.

Owner - City of Redwood City.
Architect - James H. Mitchell, 369
Pine St., San Francisco.

Construction will be financed in
whole or part by bond issue, depend-
ing on whether or not PWA grants
are available.

Awaiting Grant
FIREHOUSE Est. Cost, \$20,000
SAUALITO, Marin Co., Calif.

Calcedonia and Johnson Sts.

Two-story firehouse to provide space
for five trucks on ground floor;
dormitories, kitchen and recrea-
tion rooms on second floor.

Owner - City of Sausalito.
Architect - N. W. Sexton, 1602 de-
Young Bldg., San Francisco.

Application has been made for
PWA or WPA grants of funds.

Sub Contracts Awarded
PALACE INTERIORS
Cost, Pr., \$71,750

YERBA BUENA SHOALS. Site of
the 1939 World's Fair.

Interior of Palaces, 5, 6, 7, 8 and 9;
Contract No. 156.

Owner - S. F. Bay Exposition, Inc.
(L. W. Cutler, Pres.), 585 Bush
St., San Francisco.

Plans by S. F. Bay Exposition Archi-
tectural Commission, 585 Bush
St., San Francisco.

Contractor - Guy F. Atkinson Co., 662
Russ Bldg., San Francisco.

Ventilating - James A. Nelson, Inc.,
1375 Howard St., San Francisco.

Electric Wiring - Central Electric
Co., 179 Minna St., San Fran-
cisco.

Painting - Patterson Bros., 573 Santa
Rosa Ave., Berkeley.

Mill Work - Pacific Mfg. Co., Santa
Clara.

Bids Wanted - To Close June 7, 2:00
P. M.

TRADER BLDG., ETC. Cost, \$.....
SPADES, Los Angeles Co., Calif.

Pacific Colony.
Erection and completion of one-story trades building, chapel and mortuary at Pacific Colony; of wood and steel frame construction, with concrete floors, exterior cement plaster and composition roof.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received as follows: (1) general work, (2) mechanical work, and (3) electric work. Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

Contract Awarded
ADDITION Cost Pr., \$34,723
SACRAMENTO, Calif. I St., betw. Ninth and Tenth Sts.

Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—Campbell Constr. Co., 800 R St., Sacramento.

BIDS OPENED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$575 submitted low bid to the Department of Public Works, City Hall, for acoustical treatment of Bookkeeper's Rm. in Purchaser of Supplies Office, City Hall.

Only other bid submitted by Robt. S. Cramer at \$950.00.

14—RESIDENCE

Bids In—Held Under Adjudgment
RESIDENCE Cost, \$.....

BERKELEY, Alameda Co., Cal.
One-story frame and stucco residence (six rooms), shingle tile roof, gas heating system, hardwood floors, tile bath, etc.

Owner—F. Carroll, c/o Architect.
Architect—John B. Anthony, 3352 Lakeshore Ave., Oakland.

Completing Working Drawings

RESIDENCES Cost, \$.....
SAN FRANCISCO. Vicinity of Silver Avenue.

Eighteen one-story and basement frame and stucco residences (5 rooms each) hardwood floors, wood sash, tile baths, etc.

Owner—Heyman Bros., 742 Market.
Architect—Albert H. Larsen, 333 Kearny Street.

Bids Opened.

RESIDENCE Cost, \$.....
SACRAMENTO, Calif., Fulton Ave.
One-story frame residence (6 rooms).
Owner—John Diggs, c/o architect.
Architect—Herbert Goodpastor, M-tau Bldg., Sacramento.

Low Bidder—Lindgren & Swinerton, Inc., Y and Sacramento River, \$6,126.

Other bids were:
Paul Opdyke.....\$6,181.95
N. H. Lund.....6,825.00
M. F. Terra.....7,200.00

Contract Awarded

RESIDENCE Cost, \$5,000
NOVATO, Marin Co., Calif.
One-story frame and rustic residence (five rooms) shingle roof, hardwood floors, tile bath, wood sash, etc.

Owner—Richard Christie, c/o Arch. Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.
Contractor—C. Monk, San Rafael.

Bids In
RESIDENCE Cost, \$.....
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (4 bedrooms, 4 baths), servants' quarters.
Owner—Alexander Donald, c/o Arch. Architect—W. W. Wurster, 260 California St., San Francisco.

Contract Awarded

RESIDENCE Cost, \$.....
SAN FRANCISCO. SW Normandie Terrace and Vallejo Sts.
Two-story and basement frame and stucco residence with penthouse (5 bedrooms, 5 baths), tile kitchens and bathrooms, wood paneling, canvas walls, hardwood floors, steam heating system, dumbwaiter, etc.

Owner—Mrs. Rose Naify.
Architect—John H. Ahnden, 822 39th Ave.

Engineer—L. H. Nishkian, Underwood Bldg.

Contractor—Salih Bros., 25 Taylor St., San Francisco.

Contract Awarded

RESIDENCE Cost, \$60,000
SONOMA COUNTY, Cal. Near Guerneville.

Construction of ranch house; remodel caretaker's house.

Owner—Wm. D. Frisbee.
Architect—Eldridge Spencer, 369 Pine St., San Francisco.

Contractor—O. Hedahl, 110 Sutter St., San Francisco.

RESIDENCES Cost \$2,500-\$3,500 ea.
NORTH SACRAMENTO, Calif. 13th and Frenza Ave.

Six one-story frame residences (four and five rooms), shingle roofs, linoleum baths, circulating heaters, wood sash, etc.

Owner—Withheld.

Architect—Frederick S. Harrison, 824 J St., Sacramento.

Contractor—J. F. Butts, 1312 Del Paso Blvd., Sacramento.

Contract Awarded

RESIDENCE Cost, \$.....
BERKELEY, Alameda County, Cal. Shasta Road.

One-story studio type residence (six rooms), steel sash, Redwood rustic exterior, shake roof, tile baths, hot air heating system, etc.

Owner—Chas. Bowman.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contractor—Randolph F. Parks, 2104 Addison St., Berkeley.

Sub-Contracts Awarded

RESIDENCE Cost, \$.....
SAN FRANCISCO. Chestnut St and Montclair Terrace.

Three-story frame and stucco residence (10 rooms, 3 baths) composition roof, hardwood floors, tile baths, wood sash, gas heating system, etc.

Owner—W. P. Busher, c/o Architect.
Architect—G. A. Dailey, 210 Post St.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Plumbing—Rodoni - Becker Co., 455 Tenth Street.

Concrete—Peter Sartorio, 369 Pine.

Glass—Habenicht & Howlett, 529 Clay Street.

Preparing Plans

RESIDENCE Est. Cost, \$10,000
SAN FRANCISCO. Forest Hill Addn.
1½-story and basement frame and stucco residence (5 rooms) hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny Street.

Completing Plans

RESIDENCE Est. Cost, \$10,000
SAN MATEO CO., Calif. Garden Village.

Two-story frame and stucco residence (8 rooms, 2 baths), hardwood floors, tile baths, wood sash, etc.

Owner & Builder—Paul A. Wolter, Jr., 90 Ravenswood Drive, San Francisco.

Architect—Albert A. Larsen, 333 Kearny St., San Francisco.

TRACT PLANNED

SAN FRANCISCO.—Arch. Frederick H. Reimers and Carl Raentsch are reported negotiating with Jones and Cox, attorneys, for the purchase of 50 acres of land on the eastern slope of Twin Peaks, between Twin Peaks Blvd. and Burnett Ave.

Owner of the site is the Wells Fargo Land Co. The area would be the site for 300 new homes, according to reports. Roberts & Rosenshine, Realtors, are acting as negotiators.

14

Plans Completed

RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif. Almandrel, near Austin Ave.

One-story frame and stucco residence (5 rooms), plaster interior, hardwood floors, tile baths, etc.

Owner—G. Wolnick, Palo Alto.
Architect—Arthur Janssen, Rte. 1, Box 73, Redwood City.

The Owner is taking sub bids.

Plans Completed

RESIDENCE Cost, \$.....
ATHERTON OAKS, San Mateo Co., Cal. Patricia Drive.

One-story frame and stucco residence (3 bedrooms, 2 baths); hardwood floors, tile baths, two-car garage.

Owner—S. W. Buzzell, c/o Contractor.

Architect—Arthur Janssen, Rte. 1, Box 73, Redwood City.

Contractor—F. W. Schell, 666 Mission St., San Francisco.

Plans Completed

RESIDENCE Cost, \$.....
MENLO PARK, San Mateo Co., Cal. Fairiso Tract.

One-story frame and rustic residence (5 rooms), hardwood floors, tile bath, two-car garage.

Owner—Geo. Dudley Bliss, Atherton.
Architect—Arthur Janssen, Rte. 1, Box 73, Redwood City.

Plans Completed

RESIDENCE Est. Cost, \$5,000
PALO ALTO, Santa Clara Co., Cal. Pittman St.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, wood sash, etc.

Owner & Builder—555 Lowell Ave., Palo Alto.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed

RESIDENCES Est. Cost, \$5,000 each
SAN FRANCISCO. Aragon Tract.
Two one-story frame and stucco residences (5 rooms each), hardwood floors, tile baths, wood sash, etc.

Owner & Builder—Mendo Corp., 1138 Clement St.

Architect—D. E. Jaekle, 126 Post Street.

Plans Completed

RESIDENCE Est. Cost, \$5,000
SAN JOSE, Santa Clara Co., Calif. McDaniel's St., Rose Subdivision.

One-story frame residence (5 rms.).
Owner—Mr. Mayo, c/o Contractor.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contractor—P. J. Pasetta Constr. Co.,
2390 Park Ave., Santa Clara.

Preparing Plans
RESIDENCE Cost, \$11,000
SAN MATEO CO., Cal. Garden Village.

Two-story frame and stucco residence (nine rooms), hardwood floors, tile baths, wood sash, etc. Owner & Builder—Paul A. Wolter, Jr., 90 Ravenswood Drive, San Francisco.

Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Contract Awarded
RESIDENCE

ORINDA, Alameda Co., Cal.
One-story frame residence (6 rooms, 2 baths), single exterior, plaster interior, hardwood floors, tile baths, etc.

Owner—P. S. Clark, c/o Architect.
Architect—John B. Anthony, 3252 Lakeshore Ave., Oakland.

Contractor—Peppard & Wood, 1733 Bancroft Way, Berkeley.

Working Drawings Completed
RESIDENCE Cost, \$.....

BAYWOOD, San Mateo Co., Cal.
Two-story frame and brick veneer residence (9 rooms), hardwood floors, tile baths and showers, etc.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—S. A. Wisnom, 140 South Ellsworth Ave., San Mateo.

The contractor will shortly take sub bids.

Plans Being Figured
RESIDENCE Est. Cost, \$8,000

SAUSALITO, Marin Co., Calif.
Two-story frame residence; hardwood floors, tile bath, etc. Owner—Virgil Scatena, c/o Archt. Architect—H. H. Winner, Wordsworth Ave., Ross.

Plans are being figured by a selected list of local contractors.

Preparing Working Drawings
RESIDENCE Cost, \$.....

SANTA ROSA, Sonoma County, Cal.
Fair Oaks Ave.

One-story frame residence (6 rooms), Redwood siding, shake roof, gas floor furnaces, hardwood floors, etc.

Owner—R. A. de Bolt, c/o Archt. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Being Refigured
RESIDENCE Cost, \$.....

PIEDMONT, Alameda Co., Cal.
One-story and basement frames-residence; steel sash, shake roof, gas-fired hot air heating system, hardwood floors, tile baths.

Owner—Withheld.
Architect—John B. Anthony, 462 Elwood Ave., Oakland.

Plans are being refigured by a selected list of contractors.

Preparing Working Drawings
RESIDENCE Cost, \$.....

STOCKTON, San Joaquin Co., Calif.
Two-story frame and brick veneer residence (7 rooms) steel sash, hardwood floors, tile baths, etc.

Owner—R. E. Oulahan, c/o Archt. Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Upon completion of plans the architect will take bids from a selected list of contractors.

15—SCHOOLS

Bids Wanted—To Close June 1,
2 P. M.

ALTERATIONS Cost, \$.....

SEATTLE, Wash. University of Washington.

Alterations and additions to boiler plant at University (reinfr. conc. construction with brick exterior and built-up tar and gravel roof; new boiler wing, 45x95-ft.; storage house, 50x105-ft.; and feed water treatment room, 27x50-ft.) Owner—Regents of the University of Washington.

Architect—Bebb & Gould, Hoge Bldg., Seattle.

Struc. Engineer—S. Ivarsson, Skinner Bldg., Seattle.
Plans and specifications obtainable from Engineer Lincoln Eouillon, Professional Engineer, 324, 1411 Fourth Ave., Bldg., Seattle, upon deposit of \$25.00.

BOND ELECTION

DELANO, Kern Co., Cal.—Delano Joint Union High School District will hold an election June 3, at which time it is proposed to vote bonds in the sum of \$50,000, proceeds to be used together with an expected PWA grant to finance construction of an auditorium, cafeteria and central heating plant at Delano high school. If the PWA grant is not forthcoming the bonds will not be sold. Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield, is the architect for the district. * 15

Bids Wanted—To Close May 25,
7:30 P. M.

ADDITIONS Cost, \$250,000
SALINAS, Monterey Co., Calif.

First unit of addition of classrooms and gymnasium dressing rooms to the Junior College and addition of cafeteria and horticultural classroom to the agricultural building at the high school.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 439 Market St., San Francisco.

Plans and specifications for the first unit, consisting of offices and five classrooms, and estimated at \$30,000, may be obtained at the Architect's office upon deposit of \$25.

Bids will be opened at the office of the Secretary of the Board of Trustees, Salinas Union High School District, Salinas National Bank Bldg., Salinas.

BIDS WANTED

ANAHEIM, Orange Co., Cal.—Until June 1, 7:30 P. M., bids will be received by the Anaheim Elementary School District for a new school building to be built at the Fremont School in Anaheim, a PWA project. All work will be included in the general contract. Plans may be obtained at the office of the architects, Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, upon deposit of \$50, returnable. The bldg. will be a 2-story reinforced concrete and structural steel structure, 152x187 ft. in area, containing 11 classrooms, administration unit, library, auditorium to seat 750 persons and a gym. Est. cost, \$275,000. * 15

Additional Sub Contracts Awarded
SCHOOL Cont. Pr. \$135,665

BURLINGAME, San Mateo Co., Cal.
Cor. Bayswater Ave. and Park Road.

Two-story steel frame and reinforced concrete Saint Catherine's School (8 classrooms, large auditorium), modified Gothic architecture.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Structural Engineer—L. H. Nishkian,

525 Market St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.

Mill Work—Pacific Mfg. Co., Santa Clara.

Concrete—H. E. Casey Co., 835 Woodside Way, San Mateo.

Toilet Partitions—Dwan & Co., 126 Post St., San Francisco.

Window Sash—Dalmo Sales Corp., 511 Harrison St., S. F.

Finish Hardware—E. M. Hundley, 662 Mission St., S. F.

Bids Wanted—To Close May 31,
4 P. M.

PORTABLES Cost, \$.....
OAKLAND, Alameda Co., Calif. S. side of 11th St. bet. 3rd and 4th Avenues.

Construction of 17 portable classrooms at Central Trade School. Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E 10th St., Oakland (School Administration Bldg.)

Plans and specifications may be obtained at Room 109, Administration Bldg., upon deposit of \$25. Bids will be opened in the Board Room.

LOW BIDDER

TUCSON, Ariz.—Clinton Campbell, 1714 S. 7th Ave., Phoenix, submitted low bid to University of Arizona, at \$33,858, for construction of an addition to the stadium on the school campus, a PWA project. Roy Place, architect, 11 E. Pennington Street, Tucson. * 15

BIDS WANTED

MONTEBELLO, Los Angeles Co., Cal.—Until May 24, 7 P. M., bids will be received by the Montebello Unified School District for construction of a group of four buildings in Montebello, a PWA project. The group includes a reinfr. concrete classroom building to cost \$65,000 and a shop building to cost \$9000 at both the Eastmont Junior high school and the Montebello Junior high school. Plans will be available Monday, May 9, at office of T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles; no deposit required. Certified or cashier's check or bidder's bond for 5% to accompany bid. * 15

Contract Awarded
RECONSTRUCTION & ADDITION

OAKLAND, Alameda Co., Cal. Hampe! St. and La Cresta Avenue.

Reconstruction of and addition to the Glen View School.

Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.)

Contractor—E. T. Leiter Sons, 511 37th St., Oakland.

Bids Wanted—To Close May 24,
4 P. M.

PORTABLES Cost, \$.....
OAKLAND, Alameda Co., Cal. Hawthorne and Lockwood Schools.

Construction of seven portable classrooms at Hawthorne school and four portable classrooms at the Lockwood school.

Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.)

Plans and specifications may be obtained at Room 109, Administration Bldg., upon deposit of \$25. Bids will be opened in the Board Room.

Bids Wanted—To Close May 20,
11:00 A. M.

LABORATORY Cost, \$.....
SAN FRANCISCO. Parnassus and Third Avenues.

Isolation laboratory to be erected on the Medical Center Campus of

the University of California, San Francisco.
 Owner—Regents of the University of California, Berkeley.
 Architect—Not Given.
 Plans and specifications may be obtained at the cashier's window, office of the Comptroller, Room 106, California Hall, University of California, Berkeley, Calif., upon deposit of \$10.

Bids Wanted—To Close May 21, 1:30 P. M.
SCHOOL ADDITION Est. Cost, \$8,000
PLACERVILLE, El Dorado Co., Cal. One-story frame and stucco addition to grammar school.
 Owner—Camino School District (Jno. B. Hughes, Secy.).
 Architect—Jens C. Petersen, 812 26th St., Sacramento.

Plans and specifications may be obtained at the architect's office upon deposit of \$15.
 Bids will be opened in the Camino Grammar School.
 The Camino School District recently voted bonds in the amount of \$5,000 to finance construction.

Completing Plans
RECONSTRUCTION Est. Cost, \$11,000
PETALUMA, Sonoma Co., Cal.
 Reconstruction of farm mechanics shop building.
 Owner—Petaluma Board of Education.
 Architect—Brainerd Jones, 226 Washington St., Petaluma.
 Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.
 Application has been made for

PWA grant.
Plans Completed
SCHOOL Cost, \$.....
ORINDA, Alameda Co., Cal.
 One-story frame and stucco grammar school to contain four classrooms.
 Owner—Orinda School District.
 Architect—H. H. Weeks, 593 Market St., San Francisco.
 Orinda School District has voted bonds in the amount of \$30,000 to finance construction.
 Plans have been completed and forwarded to the State Division of Architecture for approval.

BIDS WANTED
DAVIS, Yolo Co., Cal.—Until May 26, 11 a. m., bids will be received by the Regents of the University of California at Berkeley, for the following work in connection with the new gymnasium, University Farm, Davis: (1) steel lockers; (2) steel shelving; (3) steel gun racks; (4) locker room benches.
 Plans and specifications may be obtained at the Comptroller's office, University Farm, Davis, or Cashier's window, California Hall, University of California, Berkeley, upon deposit of \$10.

Contract Awarded
SCHOOL BLDG. Cont. Pr., \$35,487
TERRA BELLA, Tulare Co., Calif.
 One-story frame and stucco grammar school building (three classrooms and assembly hall), tile and composition roof, hardwood flooring, automatic electric hot water, slate blackboard, etc.
 Owner—Terra Bella Grammar School District.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.
 Contractor—E. C. Freye, 500 Mill St., Porterville.
 Contract awarded on basis of acceptance of alternates 4, 7, 8, 13 and 14. Complete bids will be published shortly.

Bids Wanted—To Close May 31, 2 P. M.
SCHOOL Est. Cost, \$6,000
PALO COLORADO, Monterey Co., Calif.
 One-story frame and stucco school building; shake roof.
 Owner—Palo Colorado Grammar School District.
 Architect—W. O. Raignel, Box 549, Monterey.
 Plans and specifications obtainable at 574 Main St., Monterey.
 Bids will be opened at the residence of the clerk of the district, Mrs. Electa Grimes, located at the entrance to the Palo Colorado Canyon on the Carmel-San Simeon Highway.

CONTRACT AWARDED
LOS ANGELES, Calif.—Hunt and Curry, 1701 B St., San Diego, awarded contract by Sweetwater Union High School District, at \$11,940, for work complete for construction of auditorium buildings at the National City and Chula Vista Junior High Schools, an auditorium building, manual arts building and a physical education building at the Southwest Junior high school, and a laboratory and classroom addition to the senior high school, a PWA project. Kistner & Curtis, architects, 675 Spreckels Theater Bldg., San Diego. * 15

Complete Bids
SCHOOL BLDG. Cont. Pr., \$35,487
TERRA BELLA, Tulare Co., Calif.
 One-story frame and stucco grammar school building (three classrooms and assembly hall) tile and composition roof, hardwood flooring, automatic electric hot water, slate blackboard, etc.
 Owner—Terra Bella Gram. School District.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.
 Contractor—E. C. Freye, 500 Mill St., Porterville.
 Contract awarded on basis of acceptance of following alternates: (4) \$142 add for acoustical plaster on classroom ceilings; (7) \$515 add for galvanized stucco netting over interior wood or rock lath; (8) \$3,023 deduct for omitting west classroom and corridor; (13) \$957 deduct for wood shingles in lieu of galvanized tile; (14) \$275 deduct for omitting electrical service changes to existing building.

Complete basic bids follow:
 E. C. Freye, Porterville..... \$39,085
 L. H. Hansen & Sons..... 41,000
 R. W. Brown Const. Co..... 42,840
 R. Pedersen..... 43,955
 R. Hodgson & Sons..... 44,000
 Frank Sheldon..... 44,304
 T. C. & W. H. Irwin..... 44,810
 Trewhitt-Shields & Fisher..... 44,995
 Midstate Const. Co..... 46,873
 W. J. Ochs, Inc..... 47,129

CORRECTION
KERN CO., Cal.—Wildwood June District will hold an election June 10 at which time it is proposed to vote bonds in the sum of \$15,000, proceeds to be used to finance school improvements. J. H. Sanders, A. H. Wegis and C. I. Jackson are trustees of the district.
 Date of election previously reported in error. * 15

16—BANKS, STORES AND OFFICES
Contract Awarded
STORE BLDG. Cont. Pr., \$12,000
WATSONVILLE, Santa Cruz Co., Cal.
 Building to contain 3 stores (steel sash, concrete walls and floor, interior walls & ceilings Fir-tex board, plate glass fronts, tar and

gravel roof, metal skylights).
 Owner—O S Chin.
 Architect—A W Story, Pajaro Valley Bank Bldg., Watsonville.
 Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

Preparing Working Drawings
ALTERATIONS Est. Cost, \$15,000
DAVIS, Yolo Co., Calif.
 General alterations to bank building (some marble work, cabinet work, wiring and plastering).
 Owner—Bank of Davis.
 Architect—H. H. Winner, Wordsworth Ave., Ross.

Preparing Working Drawings
ALTERATIONS Est. Cost, \$20,000
VALLEJO, Solano Co., Cal.
 General alterations to present bank building
 Owner—Mechanics & Merchants National Bank of Vallejo.
 Architect—H. H. Winner, Wordsworth Ave., Ross.

Plans Being Figured—Bids Close
 May 17, 5 P. M.
MEDICO BLDG. Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.
 Tenth and B Streets.
 Two-story frame and stucco medicinal building to contain four suites, wood sash.
 Owner—Dr. R. E. Hamlin, Santa Rosa.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Plans are being figured by a selected list of contractors.

Bids In—Held Under Advisement
STORE BLDG. Cost, \$.....
OAKLAND, Alameda Co., Cal. 15th and Webster Sts.
 One-story concrete and steel store building.
 Owner—Herrick-Straw Co., c/o Architect.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.

Contract Awarded
REMODEL STORE Cost, \$15,000
OAKLAND, Alameda Co., Cal. 17th and Broadway.
 Remodel store building; new front, interior, etc.
 Owner—Albert S. Samuels Co., Prem.
 Architect—Not Given.
 Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Sub Contracts Awarded
ALTERATIONS Cost, \$80,000
SAN FRANCISCO, 433 California Street.
 Alterations to office building.
 Owner—Fireman's Fund Insurance Co., 401 California St.
 Engineer—L. S. Rosener, 233 Sansome St.
 Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
 Plumbing and Ventilating—Scott Co., Inc., 243 Minna St., San Francisco.

Rolling Doors—The Kinnear Mfg. Co. of Calif., 361 Brannan St., San Francisco.
Painting—Raphael Co., 270 Tehama St., San Francisco.
Glazing—W. P. Fuller & Co., 361 Mission St., San Francisco.
Marble—Vermont Marble Co., 525 Market St., San Francisco.
Tile—The American Art Tile Co., 231 Franklin St., San Francisco.
Structural Steel—Western Iron Wks., 141 Beale St., San Francisco.

Contract Awarded
STORE BLDG. Cont. Pr., \$12,000
WALNUT CREEK, Contra Costa Co.
 Construction of new store building.
 Owner—Ross B. Mehl, c/o Architect.
 Architect—George T. deColmesnil, 14 Canyon Road, Fairfax.

Contractor—N. R. Nicolsen, Rte. 1, Sausalito.

CONTRACT AWARDED

ONTARIO. San Bernardino Co., Cal.—C. T. and W. P. Stover, 116 Alexander Ave., Claremont, awarded contract for construction of a 3-story and basement, reinf. concrete office and laboratory building (70 x 123 ft.) at 616 E. Grove St., Ontario, for Exchange Products Co.; Herbert S. Bailey, manager. Cost, \$75,000. General contract does not include refrigerating, elevator, cold storage equipment or special plumbing fixtures. Work will start next week. Plans by Laurence J. Waller, structural engineer, 601½ S. New Hampshire Ave., Los Angeles. * 16

Plans Being Figured—Bids Close

May 17, 5 P. M.
MEDICO BLDG. Cost, \$.....
SANTA ROSA. Sonoma Co., Calif. Tenth and B Streets. Two-story frame and stucco medico-dental building to contain four suites, wood sash. Owner—Doctor R. E. Hamlin, Santa Rosa. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans are being figured by the following selected list of contractors, all of Santa Rosa:

C. L. Personett, 731 Santa Rosa Avenue.
Wm. D. Rapp, 1413 17th Street.
E. Ahlstrom, 323½ S. "R" Avenue.
Karl P. Petersen, Route 4, Box 341-A.
R. S. Knight, Rt. 4, Box 663.

17—THEATRES

Additional Sub-Contract Awarded
THEATER Est. Cost, \$60,000
GRIDLEY, Butte Co., Calif. Spruce and Kentucky Streets.

New theater to seat 700, to be called The Butte Theater
Owner—Associated Theatrical Enterprises.

Architect—Not Given.

Contractor—Moore and Roberts, 593 Mission St., San Francisco.

Plastering—Thos. F. Scollan Co., 2919 "T" St., Sacramento.

19—MISC. CONSTRUCTION

BIDS OPENED

SAN FRANCISCO.—Berkeley Steel Constr. Co., Inc., 2nd and Camella Sts., Berkeley, at \$14,250, submitted low bid to the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-142, for constructing and delivering afloat one 40-ft. 0-in. by 16-ft. 0-in. by 8-ft. 6-in. welded steel oil and anchor barge to San Francisco Waterfront.

Complete bids follow:

Berkeley Steel Constr. Co., Inc., 2nd and Camella Sts., Berkeley—\$14,250; 60 days delivery.

Pacific Coast Engineering Co., Inc., Oakland—\$14,534; 60 days delivery. Independent Iron Works, Oakland—\$16,400; 60 days delivery.

Boiler Tank & Pipe Co., Oakland—\$16,858; 60 days delivery. * 19

Contract Awarded

CHINESE CONCESSIONS

Est. Cost, \$200,000 to \$250,000
YERBA BUENA SHALES. Site of the 1939 World's Fair.

Group of concession buildings, consisting of building to house two theatres (approx. 7,140 sq. ft.), cafe building with roof garden (6,250 sq. ft.), adjoining kitchen building (approx. 1,100 sq. ft.), covered tea garden (approx. 4,000 sq. ft.), dance pavilion (1,700 sq. ft.), food shops (approx. 4,000 sq.

ft.), game shops (approx. 5,000 sq. ft.), Chinese Old Village Gardens, Pagoda approx. 80 ft. high.

Owner—Chinese Factors, Inc. Architect—Mark Daniels, 101 Post St., San Francisco.

MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, awarded contract for steel work and concrete foundations.

Upon completion of working drawings bids will be received on balance of work.

BIDS OPENED

SAN FRANCISCO, Calif.—Underground Constr. Co., 6 Alvarado Rd., Berkeley, at \$1148, submitted low bid to the Signal Office, Ninth Corps Area, Presidio of San Francisco, under Bid No. CP 1034-38-20, for installation of a subterranean tie cable between new Manhole No. 7 (West Side) to Manhole No. 8 and power plant (East Side), Naval Air Station, North Island, Calif.

Total bids follow:

Underground Constr. Co., 6 Alvarado Rd., Berkeley—\$1,148.
Harry L. Foster, San Diego—\$1,295.00.

V. R. Dennis Constr. Co., San Diego—\$1,424. * 19

BIDS OPENED

SAN FRANCISCO. — Main Engr. Co., 110 Hooper St., at \$160 submitted low bid to the Department of Public Works, Room 251, City Hall, for erecting new breeching and smoke stack of No. 10 steel plate for Florida and Trent Ave.

Bids were:

Main Engr. Co., \$160, plus tax overtime, \$25.
Ocean Shore Iron Works, \$170 plus tax overtime, \$200.
Montague Pipe & Steel, \$179.50 plus tax Saturday, \$207.

Plans Being Figured

MORTUARY Est. Cost, \$15,000
SACRAMENTO, Calif. One-story frame and stucco mortuary building.

Owner—Winifred C. Henry, Alameda. Architect—Jens C. Petersen, 812 26th St., Sacramento.

Plans are being figured by a selected contractor.

Contract Awarded

TELEPHONE EXCH. Cost, \$.....

ORINDA, Alameda Co., Cal. One-story concrete dial telephone exchange building (24½x20½ ft.).

Owner—Pacific Telephone & Telegraph Co., 44 Bush Street, San Francisco.

Plans by Engrg. Dept. of Owner. Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Plans Prepared

APARTMENT COURT

Est. Cost, \$100,000
SAN RAFAEL, Marin Co., Calif.

Lincoln Ave., Chula Vista Tract. Apartment court comprised of 22 multiple room units, each with private garage; administration building.

Owner—Bruce Fair.

Architect—C. F. Gromme, Freitas Bldg., San Rafael.

The architect will supervise construction along FHA building plans.

CONTRACTS AWARDED

WASHINGTON, D. C. — Federal Shipbuilding & Dry Dock Co., Kearney, N. J., at \$7,980,000 (adjusted price basis for four steam driven vessels) and The Sun Shipbuilding & Dry Dock Co., Chester, Pa., at \$3,300,000 (fixed sum basis for four Diesel propelled vessels), awarded contracts by the Commerce Dept.,

Maritime Commission, Washington, D. C., for construction of single-screw steel cargo vessels. * 19

BIDS WANTED

WASHINGTON, D. C.—Until June 8, bids will be received by the U. S. Navy Dept., Washington, D. C., for propulsion machinery for six submarines, one mine sweeper and one submarine tender.

Plans and specifications may be obtained from the above office upon deposit of \$1,000. * 19

BIDS WANTED

WASHINGTON, D. C.—Until June 22 (as previously reported), bids will be received by the U. S. Navy Department, Washington, D. C., for construction of eight vessels: (A) four torpedo boat destroyers; (B) three submarines, and (C) one fleet tug.

Plans and specifications may be obtained from the above office upon deposit of \$1,000 per set. * 19

BIDS WANTED

PORTLAND, Ore.—Until May 24, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-563, for drydocking, cleaning, painting and repairing the U. S. pipeline dredge, "Wahkiakum."

Plans and specifications may be obtained from the above office. * 19

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until May 15, 5 P. M. bids will be received by the Kern County Union High School District, C. F. Moore, Clerk, at Bakersfield, for erection of water tank and tower, East Bakersfield High School.

Capacity of tank shall be 30,000 gallons and shall have cylindrical bottom, solid steel legs (no lattice work) and height of tank from the ground to bottom of tank shall be 80 feet.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of amount of bid, payable to the Board of Trustees and will be opened in the office of the Business Manager, Kern County Union High School, Bakersfield.

Bid forms obtainable at the office of the architect, Charles H. Biggar, 554 Haberfeld Bldg., Bakersfield.

BIDS WANTED

SACRAMENTO, Calif.—Until May 20, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-263, for drydocking, painting and repairing the U. S. Dredge Tender, "Rio Vista."

Plans and specifications may be obtained at the above office. * 19

SHIPBUILDING PROGRAM

WASHINGTON, D. C. — Admiral Emory Land, chairman of the U. S. Maritime commission, has submitted informally to Congress a program of shipbuilding designed to stimulate West Coast shipping operations. The recommendations were forwarded to Senator Wm. G. McAdoo, California, for transmission to Congress. According to the chairman, the commission will proceed at once with appropriate plans and specifications for at least 25 vessels. The program involves the following construction:

1. Three Coolidge design fast luxury liners for transpacific service.
2. Seven or eight 16½-knot cargo vessels of a modified C-3 design for round the world service.
3. Five or six 16½-knot special

design vessels for operation between Pacific Coast ports and the east coast of North America.

- 4. Five or more combination passenger-cargo vessels of 16½-knot speed for fortnightly trips between the Pacific Northwest and Orient.
- 5. Five or more 16½-knot special C-3 design ships for fortnightly service between Pacific Coast ports and Europe. * 29

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

KENDRICK PROJECT, Wyo.—U. S. Portland Cement Co., Denver, at \$1.75 per barrel, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1053-D, for furnishing and delivering approximately 30,000 barrels of sulphate-resisting portland cement for the Casper Canal, Kendrick Proj., Wyoming. * 20

CONTRACTS AWARDED

- GRAND COULEE DAM, Wash.**—The Bureau of Reclamation, Washington, D. C., awarded the following contracts under Spec. No. 1047-J, for furnishing and delivering fabricated pipe, fittings, valves and appurtenances for the Grand Coulee Dam, Columbia Basin Proj., Wash.:
Sched. 1: Koppers Co., Western Gas Division, Ft. Wayne, Ind., \$39,092.
Sched. 2: Geo. B. Lambert and Co., Chicago, \$14,058.
Sched. 3: The R. Haroesty Mfg. Co., Denver, \$33,014.
Sched. 4: California Steel Prod. Co., San Francisco, \$299.00.
Sched. 5: Midwest Piping & Supply Co., Inc., St. Louis, Mo., \$18,298.
Sched. 6: Geo. B. Lambert & Co., Chicago, \$84,085. * 20

BIDS WANTED

May 6, 1938.
OAKLAND, Cal.—Until May 18, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1015, for furnishing 40,000 lbs. joint compound.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until May 18, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1014, for furnishing (1) 7700 brass corporation stops and (2) 10,400 curb stops.

Plans and specifications may be obtained from the above office. * 20

TO ASK BIDS

LOS ANGELES, Cal.—Call for bids will be issued next week by Indian Irrigation District, Los Angeles, to be opened at 2 P. M., June 6, for 50,000 barrels of cement (modified portland cement and sulphate resistant cement) for use in construction of Head Gate Rock dam, one mile from Parker, Ariz. * 20

TO ASK BIDS

LOS ANGELES, Cal.—Call for bids will be issued next week by Indian Irrigation District, Los Angeles, to be opened at 2 P. M., June 6, for 3,337,000 lbs. of reinf. steel ¾-inch round to 1½-in. square in 20, 30 and 40 ft. lengths, for use in construction of Head Gate Rock dam, one mile from Parker, Ariz. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Bunker Hill Smelter Sales Agency, 51 Webster St., Oakland, at \$1,600, was awarded

contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1004, for furnishing approximately 50 tons pig lead in 100-lb. bars.

Federated Metals Corp., San Francisco, at \$1,600, submitted only other bid. * 20

BIDS OPENED

SAN FRANCISCO.—Soule Steel Co., 1750 Army St., San Francisco, at \$16,723.37; ½% 10 days, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Invit. No. 868-38-141, for furnishing approximately 568,000 lbs. of reinforcing steel cut and bent, delivered at Battery Davis, Fort Funston.

- Total bids follow:
Soule Steel Co., 1750 Army St., S. F., \$16,723.37; ½% 10 days.
Gilmore Steel & Supply Co., Inc., S. F., \$18,274, net.
- Bethlehem Steel Co., S. F., \$18,550.25; ½% 10 days.
Columbia Steel Co., S. F., \$19,265.64; ½% 10 days.
Trusecon Steel Co., S. F., \$19,279.38; net. * 20

BIDS WANTED

OAKLAND, Calif.—Until May 18, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Prop. No. LS-213, for furnishing 116,000 lin. ft. cast-iron water pipe.

- Bids will be taken on:
(1) 20,000 lin. ft. 4-inch;
(2) 60,000 lin. ft. 6-inch;
(3) 20,000 lin. ft. 8-inch;
(4) 3,000 lin. ft. 10-inch;
(5) 10,000 lin. ft. 12-inch;
(6) 3,000 lin. ft. 16-inch.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

SAN FRANCISCO.—Until May 17, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5381, for the rental of one ½-ton pickup truck equipped with end gate and enclosed cab; f.o.b. S. F. Airport, San Mateo Co., Cal. * 20

BIDS OPENED

SAN FRANCISCO.—Following bids were received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Invit. No. 1999, for furnishing (1) 15 4-in. tapping gate valves; (2) 100 4-in. gate valves; (3) six 8-in. air valves, for San Francisco Water Dept.

- Bids were:
San Francisco Water Dept.—(1) \$16.20; (2) \$13.35; (3) \$23.50.
M. Greenberg's Sons Brass Fdny. & Machine Works—(1) \$20, (2) \$15.70, (3) \$20; 2% 30 days. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 80,000 bbls. Portland cement in bulk were opened by Metropolitan Water District, Los Angeles; Spec. 278.

- Bids were received on:
SCH. 1—f.o.b. bidder's plant.
SCH. 2—f.o.b. trucks at West Portal, San Jacinto tunnel.
SCH. 1 and 2 are alternative.
The bids were:
Monolith Portland Cement Co., Sch. 1—\$1.48 bbl.; total \$118,400; disc 10c bbl plant, Monolith. Sch. 2, \$1.75 bbl.; total \$140,000; disc 10c bbl. shipped from Monolith.

Riverside Cement Co.—Sch.—\$1.46 bbl.; total \$116,800; net plant, Crestmore.
California Portland Cement Co.—

Sch. 1, \$1.49 bbl.; total \$119,200; net; plant, Colton.

Southwestern Portland Cement Co. Sch. 2, \$1.66 bbl.; total \$132,800; net; shipped from Victorville. * 20

CONTRACT AWARDED

DENVER, Colo.—Carnegie-Illinois Steel Corp., Denver, Colo., at \$23,446.37, awarded contract by the U. S. Bureau of Reclamation, Purchasing Agent V. H. Thompson, Denver, Col., under Bid No. 48129-A, for reinforcing bars for Shoshone Project, Heart Mountain Division. * 20

BIDS OPENED

- SAN FRANCISCO.** Following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1997, for furnishing (1) approx. 10,000 feet of 1-inch and (2) 1,000 ft. of ¾-in. braided water hose for Golden Gate Park: Pioneer Rubber Mills: (1) \$1,719; ½% \$11; 2% 10th prx.
Ralph Spew Co.: (1) \$1,51½; (2) \$0.975 2% 30 days.
- Quaker City Rubber Co.: (1) \$1,875; (2) \$1.15; 2% 10th prx.
- U. S. Rubber Prod. Co.: (1) \$1,286; (2) \$1,605; 2% 10th prx; 60 day; net.
- Warren & Bailey Co.: (1) \$1,672; (2) \$1,294; 2% 10th prx; 60 day net.
- Baker, Hamilton & Pacific Co.: (1) \$1,688; (2) \$1,188; 2% 30 days. * 20

BIDS OPENED

SAN FRANCISCO.—Taper Tube Pole Co., Monadnock Bldg., at \$1,466.72 submitted only bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Invit. No. 2000, for furnishing and delivering steel taper poles for Mission Playground * 20

BIDS OPENED

SAN FRANCISCO.—General Elec. Supply Corp., 1201 Bryant St., at \$2311.05, 2% 10th prx. submitted the low bid to the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-38-146, for furnishing and delivering 5400 lf. of power cable; fob Battery Davis, Fort Funston, S. F.

- Total bids follow:
General Elec. Supply Corp., 1201 Bryant St., S. F., \$2311.05; 2% 10th prx.

Gray Electric Supply Co., \$2463.55.
Graybar Electric Co., \$2475.74; 2% 30 days.

Anaconda Wire & Cable Co. of Calif., \$2478.84; 2% 10th prx.

Baker, Hamilton & Pacific Co., \$2478.84.

Calif. Elec. Supply Co., \$2478.84.
The Electric Corp., \$2478.84.

Triangle Conduit & Cable Co., \$2478.84; 2% 10th prx.

Hazard Wire Rope, \$2478.83; 2% 10th prx.

Crescent Elec. Supply Co., \$2478.83, 2% 10th prx.

General Cable Corp., \$2483.74; 2% 10 days.

Westinghouse Elec. Supply Co., \$2483.77; 2% 10th prx. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until June 6 2 P. M., bids will be received by the U. S. Indian Irrigation Service, Colorado River Project, Room 340, 8th and Figueroa Bldg., Los Angeles, for 3,337,000 lbs. of concrete reinf. bars, deformed grade 1, struc. billet steel, from ¾-in. round to 1½-in. square in stock lengths of 20, 30 and 40 ft; Invit. 463. * 20

BIDS REJECTED

OAKLAND, Calif.—The Oakland Port Commission, foot of Grove St., Oakland, rejected all bids for fur-

nishing 2000 bbls. Portland cement. Bids were opened Apr. 18. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for switches, Spec. 2592, were opened by the Los Angeles Water & Power Purchasing Agent. The items were: (1) 180 400-amp. switches, 7500-volt, etc.; (2) 6 600-amp. switches, 37,000-volt, etc.; (3) 24 600-amp. switches, 37,000-volt, etc. The bids were:

Delta Star Elec.: (1) \$18.60; (2) \$109.95; (3) \$109.55; no deduction for combined award; deliv. 75 days; net. Schweitzer & Conrad, Inc.: (1) \$18.60; (2) \$109.95; (3) \$109.55; no deduction; deliv. 75 to 90 days; net.

Memo Engr. & Mfg. Co.: (1) \$18.60; (2) and (3) no bid; no deduction; delivery 70 days; net.

Royal Elec. Mfg. Co.: (1) \$16.70; (2) \$53.75; (3) \$53.71; comb. award, \$4526.12; deliv. 75 days; terms 1% 20 days.

Bowle Switch Co.: (1) \$18.60; (2) \$109.95; (3) \$109.55; no deductions; deliv. 75 days; net.

Line Material Co.: (1) \$18.60; (2) \$109.95; (3) \$109.55; no deduction; delivery 75 days; net. * 20

BIDS OPENED

SAN FRANCISCO.—Gilmore Steel & Supply Co., Inc., 825 Folsom St., San Francisco, at \$1,385 per l.f., net submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-28-04 for furnishing wire rope fob Honolulu, T. H.

Identical bids at \$1,429 per l.f. (dis. 2% 10th prox. or 2 30 days) were submitted by John A. Roebelings Sons Co. of Calif., General Machinery and Supply Co., Haviside Co., American Chain & Cable Co., Harron, Rickard & McCone, and A. Leschen & Sons Rope Co. Otherwise identical bid of Wickrey Spencer Steel Co. at \$1,429 listed discount 2% 30 days. E. H. Edwards Co. submitted a partial bid at \$1,429 on several items, but the bid was disqualified since contract is to be awarded on all-or-none basis. Award recommended to low bidder. * 20

BIDS REJECTED

OAKLAND, Calif.—The Oakland Port Commission, foot of Grove St., Oakland, rejected all bids for the furnishing of 1200 tons of coarse aggregate and 800 tons of fine aggregate. Bids were opened Apr. 18.

CONTRACT AWARDED

DENVER Colorado.—Three Forks Portland Cement Co., Denver, at \$12-32.50, awarded contract by the U. S. Bureau of Reclamation, Purchasing Agent V. H. Thompson, Denver, under Bid No. 28,034-A, for 5000 bbls. Portland cement for Buffalo Rapids Project. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—John D. Gregg, Pacific Rock & Gravel Co., and Graham Bros., at \$100.40, disc. 20c ton (bidding jointly), awarded contract by U. S. Engineer, Los Angeles, for 50,000 tons stone spalls or crushed rock for use in bank protection work on Los Angeles River, between Mariposa Street and Dayton Ave.; Invt. 470. * 20

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif.—Gibson Concrete Pipe Co. awarded contract by the Bakersfield City Council for 110 tons sand, 110 tons gravel, and 1200 sacks portland cement for repairs to the sewer system. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 44-793 gal. Type A and 196,840 gals. Type B emulsified asphalt cob. ven. nicks and/or delivered to Municipal Airport for one year; Spec. 3751, opened by Los Angeles City Purchasing Agent, were:

Square Oil Co., Alt. A, \$0.065 gal. Est. total \$41,706.15; Alt. B, (1) daily deliv. exceeding 10,000 gal., \$0.068 gal.; (2) less than 10,000 gal. deliv., \$0.065 gal. Est. totals, (1) \$43,631.04; (2) \$43,951.86.

American Bitumuls Co., Alt. A, \$0.075 gal.; total \$43,310.23; Alt. B, \$0.075 gal.; total, \$49,728.56.

Gilmore Oil Co., Alt. A, \$0.075 gal.; total, \$43,310.23; Alt. B, \$0.074; total, \$45,170.97.

Union Oil Co., Alt. A, \$0.075 gal.; total, \$43,310.23; Alt. B, \$0.070625 gal.; total, \$45,315.34.

Western Emulsion Co., Alt. A, \$0.0675 gal.; total, \$43,310.23; Alt. B, (1) more than 10,000 gal. deliv. per day hauled from Watson, \$0.0695 gal.; total, \$44,593.49; Alt. B, less than 10,000 gal. deliv. per day hauled from Watson, \$0.07 gal.; total, \$44,914.31, less differential in city's hauling cost between hauling from Watson and nearest existing plant source of supply available to city. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$250; 27 Highland Ave., Piedmont; owner, Mr. Broadwater, premises; contractor, Alpine Wood & Coal Co., 2846 Shattuck Ave., Oakland.

ALTERATIONS, \$630; 139 Ronada Ave., Piedmont; owner, Mrs. Winifred Chute, premises; contractor, S. M. Studebaker, 259 East 12th St., Oakland.

ADDITIONS, \$165; 2129 Roosevelt, Berkeley; owner and contractor, F. Sampson, Prem.

REROOF, \$170; 2527 McGee, Berkeley; owner, W. F. Daneri, Prem.; contractor, Amer. Roof. Co., 353 40th St., Oakland.

REROOF, \$110; 2127 Sacramento, Berkeley; owner, Roy Jackson, Prem.; contractor, Guy Tyler & Sons, 1502 Cedar.

REROOF, \$93; 1623 Lincoln, Berkeley; owner,; contractor, Guy Tyler & Sons, 1502 Cedar.

ALTERATIONS, \$95; 950 38th St., Oakland; owner, F. Davis, 950 38th St.; contractor, R. T. Mesquita, 2930 Monticello Ave.

REPAIRS, \$725; 812 Parkway, Oakland; owner, Mary F. McKinnon, 632 E. 12th St., San Francisco; contractor, Leo L. Nichols, 3800 Enos Ave.

ADDITION, \$100; 5331 College Ave., Oakland; owner and contractor, B. F. Murray, Prem.

ADDITION, \$500; 3800 Greenwood Ave., Oakland; owner, F. Ebersole, Prem.; contractor, William Rice, 3417 Laguna Ave.

ALTERATIONS, \$50; 2430 Palmetto St., Oakland; owner and contractor, G. W. Dollimore, Prem.

REROOF, \$75; 5751 Adeline Street, Oakland; owner, L. A. Anderson, Prem.; contractor, Oakland Star Roof Co., 1515 14th Ave.

GARAGE, \$250; 1318 Cornell, Berkeley; owner and contractor, H. B. Perkins, 1511 Woolsey.

ALTERATIONS, \$800; 2734 Forest Ave., Berkeley; owner, C. S. Hull, Prem.; contractor, Geo. F. King, 2522 College.

REROOF, \$155; 1721 Lincoln, Berkeley; owner, W. M. Spaulding, Prem.; contractor, Amer. Roof. Co., 353 40th St., Oakland.

REPAIRS, fire damage, \$800; 1812 Woolsey; owner, T. Wilson, Prem.; contractor, F. E. Allen,

1918 Prince.

REROOF, \$147; 1628 Woolsey, Berkeley; owner, H. L. Reichberger, Prem.; contractor, New Art Roofing Co., 1311 Fruitvale.

ALTERATIONS, \$200; 2539 College, Berkeley; owner, S. Webb; contractor, V. Lassen.

ALTERATIONS, \$450; 1113 Blake, Berkeley; owner, S. P. Truzello, Prem.; contractor, K. P. Glines, 652 Key Route Blvd.

ALTERATIONS, \$400; 2977 College, Berkeley; owner, B. P. Oliver, 101 Montgomery St., San Francisco; contractor, T. M. Hardy.

ADDITIONS, \$100; 1730 Hearst Ave., Berkeley; owner and contractor, John O. Leary, Prem.

ALTERATIONS, \$300; 34 Brookside, Berkeley; owner, Mr. Allison, Prem.; contractor, W. H. Conner, 1733 Francisco.

REPAIRS to garage, \$150; 5867 Ocean View Dr., Oakland; owner, Fred I. Sauls, Prem.; contractor, Robert Appleby, 2500 63rd Ave.

ALTERATIONS, \$300; 1500 Harrison St., Oakland; owner and contractor, Oakland Furniture Warehouse Co., Prem.

REROOFING, \$150; 3742 Ardley, Oakland; owner, M. C. Griffin, Prem.

REROOF, \$175; 3553 Market Street, Oakland; owner, Geo. Berto, Prem.; contractor, C. E. Vincent, 2362 Courtland Ave.

ALTERATIONS, \$100; 6100 Shattuck Ave., Oakland; owner, Mr. Richards, Prem.; contractor, C. L. Lowrey & Son, 2514 Grove St., Berkeley.

ALTERATIONS, \$946; 644 14th St., Oakland; owner, Schucky Estate, Prem.; contractor, R. E. Sheridan, 2201 Brush St.

ALTERATIONS, \$330; 9895 Olive St., Oakland; owner, Flora Gordon, Prem.

ALTERATIONS, \$200; 1925 Grove St., Oakland; owner, Eva Parker, Prem.; contractor, W. A. Rose, 478 25th St.

REPAIRS, \$200; 6125 Chabot Rd., Oakland; owner, R. C. Shaw, Prem.; contractor, W. A. Rose, 478 25th St.

ADDITION, \$150; 3781 Manila Ave., Oakland; owner, Mrs. R. Robertson, Prem.; contractor, Lloyd S. Dawson, 1972 Tiffin Road.

GARAGE, 1-story, \$250; 3820 Delmont Ave., Oakland; owner and contractor, F. E. Whipple, Prem.

ADDITION, \$450; 3726 Rhoda Ave., Oakland; owner, A. Krisinsky, Prem.; contractor, Geo. C. Hastings, 1963 89th Ave.

DAILY PACIFIC BUILDER

LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath
PRINTING AND PUBLISHING COMPANY

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 27.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

TULARE COUNTY, Calif.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at \$13,694.00 submitted low bid and was awarded contract by the State Division of Highways, R. M. Gillis, District Engineer, District VI, State Highway Bldg., Fresno, for widening 4 concrete bridges between Tulare and Visalia, Tulare County.

Complete bids follow:

- | | |
|---|----------|
| Palo Alto Roads Materials Co., 465 Calif. Dr., Palo Alto..... | \$13,694 |
| John Jurkovich, Fresno..... | 14,812 |
| Franzini & Fredenburg, San Rafael..... | 16,562 |
| Valley Const. Co., San Jose..... | 17,518 |
| J. S. Metzger & Son, L. A..... | 18,500 |

21

BIDS WANTED

MERCED CO., Calif.—Until May 24, 1:30 P. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for constructing a reinforced concrete slab bridge across the North Branch Mad Slough about 5.2 miles east of Gustine, Merced County.

Work involves:

- 25 c.y. struc. excav.;
- 41,000 lbs. bar reinf. steel;
- 190 c.y. class A Portland cement concrete;
- 304 lf. timber railing;
- 6 each, bridge deck drains;
- 1 lot misc. items of work.

ALTERNATE ITEMS—ALT. A

- 1,200 lf. furnishing precast concrete piles;
- 24 each, driving do;
ALTERNATE B
- 1,200 lf. furnishing cast-in-place concrete piles (type not requiring mandrel);
- 24 each, driving steel shells (do)
ALTERNATE C
- 1,200 lf. furnishing cast-in-place concrete piles (mandrel type);
- 24 each, driving steel shells (do).

NOTE: A bidder is required to submit a bid on one alternative, and may, but is not required, to submit bids on all alternatives.

Plans and specifications may be obtained at the above office upon deposit of \$40.

21

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—E. E. Smith, 1636 "B" Street, Eureka, at \$19,423.00, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for grading approaches and repairing existing bridge across Yager Creek at Carlotta, Humboldt Co., Cal.

21

BIDS WANTED

CALAVERAS CO., Calif.—Until June 1, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of two concrete bridges, one across Haupt Creek, the other across North Fork of Calaveras River at points about four and seven and one-half miles east of Valley Springs, Calaveras County, Cal.

Work involves:

- 1,400 c.y. struc. excav.;
- 230,000 lbs. bar reinf. steel;
- 187 c.y. class A Portland cement concrete footing blocks;
- 1,035 c.y. class A Portland cement concrete structures;
- 47 c.y. class A Portland cement concrete railing;
- 1,680 lbs. misc. iron and steel;
- 170 c.y. class A Portland cement concrete slope pav. and cutoff walls;
- 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

* 21

CONTRACT AWARDED

SACRAMENTO CO., Cal.—A. Telchert & Son, Inc., P.O. Box 1113, Sacramento, at \$63,452, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge and about 3.1 miles grading and surfacing with crusher run base and armor coat between Ben Ali and U. S. Air Depot, Sacramento County.

* 21

BIDS REJECTED

STATE OF WASHINGTON.—The State Director of Highways, Lacey V. Murrow, Olympia, rejected all bids for painting three bridges on Primary State Highway, Nos. 9 and 13, Chehalis River and Wishkah River Bridges at Aberdeen, and Hoquiam River Bridge on Simpson Avenue in Hoquiam, State Project in Grays Harbor County, Wash.

West Coast Painters Co., 322 Kulien Bldg., Seattle, at \$6,350, submitted low bid.

21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SEATTLE, Wash.—Until May 25, 3 p.m., bids will be received by the U. S. Engineer Office, 754 Central Bldg., Seattle, Wash., for dredging about 378,000 c.y. material from Duwamish Waterway, Seattle Harbor.

Plans and specifications may be obtained from the above office.

* 22

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until May 25, 10 a.m., bids will be received by the Long Beach Harbor Commission, 130 S. Pico Ave., for constructing a rock dyke, hydraulic dredging, filling, and other work. Plans No. HD 50,000 and Spec. HD 63. Plans and specifications may be obtained from the Port Manager, D. A. Marshall, upon deposit of \$50. Certified check, bank draft, or bond, for 16% must accompany each proposal.

The work involves:

- constructing a rock dike betw. east jetty and east mole, including rock necessary to bring the southerly end of the east jetty and the east mole from Station 4 plus 58.53 to Station 9 plus 92.22 to grade. Approx. 38,000 tons class I and class II rock;
- rebuilding the east jetty to conform with top and slope lines shown on said plans by recovering rock along jetty, outside of slope lines, approx. 2,000 tons of rock, and replacing such rock to conform with top and slope lines shown on east jetty section of said plans;
- making blanket, fill side of east jetty, east mole and dike with rock and fine material to seal voids. Approx. 14,000 tons;
- dredging approx. 500,000 cu. yds. from the area noted on said plans to be dredged, and depositing in area of proposed fill noted on said plans;
- recovering approx. 1100 ft. of 36-in. C I pipe lying along ocean bottom east of the east jetty; constructing a sewer by-pass with a portion of this pipe, as shown on plans, and delivering the balance of the pipe to the City of Long Beach yard at San Francisco and 14th Sts., Long Beach.

BONDS VOTED

OXNARD, Ventura Co., Calif.—The \$1,750,000 bond issue to provide a harbor at Hueneme carried at the election in the Oxnard Harbor District May 5 by a vote of 2652 to 230. The proceeds from the sale of the bonds will be ample to construct a harbor on the revised plans, but should the application for \$783,000, now before the PWA in Washington be granted, some enlargement of the proposed facilities will be possible. Preliminary plans for the project were prepared by the engineering firm of Quinton, Code & Hill, Leeds & Barnard, Edison Bldg., Los Angeles. As planned, without federal aid, the project includes construction of an entrance channel 400 ft. wide; two jetties, one 1600 ft. long and the other 900 ft. long; a central turning basin, 1200 x 1400 ft., and 36 ft. in depth; two slips, 250 ft. wide by 600 ft. long; creosoted timber cargo wharf 100x67, and one creosoted timber oil loading wharf 42x250 ft.; one steel frame transit shed and warehouse 160x400 ft.; about 5400 lf. of standard gauge track and connections to Ventura County Railway; and heavy asphaltic concrete pavement for road and highway connections to harbor facilities.

22

CONTRACT AWARDED

SAN FRANCISCO.—Macco Const. Co., Clearwater, at \$325,571.25 was awarded contract by the Public Utilities Commission, Room 287, City

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street

Sacramento : California

Hall, under Contract No. 44, for constructing earth and rock fill at the San Francisco Airport. * 22

LOW BIDDERS

YAKIMA PROJECT, Wash.—Haas, Doughty and Jones & Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$140,293, submitted low bid to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 783, for the construction of earthwork, canal lining, and structures, Station 804 plus 74 to Station 924, Yakima Ridge Canal, Roza Division, Yakima Proj., Wash.

Three low bids follow:
Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., S. F.—\$140,293.

H. J. Adler Constr. Co., Yakima—\$141,968.

J. A. Terling & Sons, Boise—\$160,504.

Complete bids will be published shortly. * 22

23—CANALS

BIDS WANTED

ALL-AMERICAN CANAL. — As previously reported, until May 23, 10 a. m., bids will be received by the Bur. of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., under Spec. No. 765, for construction of Drop No. 1 and Coachella turnout, station 1905-70, All-American Canal, Boulder Canyon Project. The work is located about 18 miles west of Yuma, Ariz.

Complete list of items involved:

- (1) 13,500 c.y. excav. for struc.;
- (2) 4,200 c.y. compacted embankments;
- (3) 1,400 c.y. compacted subbase;
- (4) 18,000 c.y. backfill;
- (5) 6,600 c.y. compacting backfill;
- (6) 160 c.y. sand fill in center pier;
- (7) 1,065 c.y. conc. in floor slabs;
- (8) 3,836 c.y. concrete in structure, except floor slabs;
- (9) 735,000 lbs. placing reinf. bars;
- (10) 2,575 lf. installing rubber water stops;
- (11) 2,100 sq. ft. installing elastic joint-filler materials;
- (12) 750 sq. yds. dry-rock paving;
- (13) 920 c.y. riprap;
- (14) 830 c.y. constructing reverse filters;
- (15) 210,000 lbs. driving steel sheet piling;
- (16) 57,000 lbs. installing metal pipe fittings and valves, except pipe handrails;
- (17) 9,700 lbs. installing pipe handrails;
- (18) 92,700 lbs. installing gates;
- (19) 22,800 lbs. installing gate hoists and operating and control mechanisms;
- (20) 200 cwt. placing bituminous material in float drums;
- (21) 27,000 lbs. installing miscellaneous metalwork;
- (22) 45 MFEM constructing timber railings;
- (23) Lump sum, constructing engine house, except concrete;
- (24) 1,400 lf. installing electrical metal conduits;
- (25) 140 lbs. installing electrical conductors;
- (26) 30 lbs. installing ground wires;
- (27) 2,100 lbs. installing electrical apparatus. * 23

BIDS WANTED

ALL-AMERICAN CANAL. — As previously reported, until May 24, 10 a. m., bids will be received by the Bur. of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., under Spec. No. 766, for construction of structures, Station 1989-

00 to station 3416-40. All-American Canal and station 21-68.41 to station 95-83. New Briar Canal, All-American Canal system, Boulder Canyon Project. The work is located from 4 to 32 miles east of Calexico, Cal.

- Complete list of items involved:
- (1) 42,300 c.y. excav. for struc.;
 - (2) 87,500 c.y. excav. of temporarily excavated sections of All-American Canal and for canal and lateral connections;
 - (3) 64,650 c.y. backfill;
 - (4) 18,400 c.y. compacting backfill;
 - (5) 5,670 c.y. concrete in structures;
 - (6) 626,300 lbs. placing reinf. bars;
 - (7) 900 lf. installing rubber water stops;
 - (8) 720 sq. ft. installing elastic joint-filler material;
 - (9) 1,500 sq. yds. dry-rock paving;
 - (10) 188 lf. laying 24-in. diameter concrete pipe;
 - (11) 60 lf. laying 30-in. diam. conc. pipe;
 - (12) 117 MFEM erecting timber in structures;
 - (13) 250 lf. erecting No. 156 metal flume;
 - (14) 242 lf. erecting No. 228 metal flume;
 - (15) 223,700 lbs. installing gates, gate hoists, and operating and control mechanisms;
 - (16) 8,400 lbs. installing pipe handrails and guardrails;
 - (17) 20,600 lbs. installing miscellaneous metalwork;
 - (18) 1,240 lf. installing electrical metal conduit;
 - (19) 192 lbs. installing electrical conductors. * 23

BIDS WANTED

ALL-AMERICAN CANAL. — Until June 3, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 782, for the construction of earthwork, Station 2-24 to station 2293-00, Coachella canal, All-American canal system, Boulder Canyon project. Work involves approximately 9,030,000 c.y. of common excavation for canal.

Plans and specifications may be obtained from the above office and from the Bureau of Reclamation at Denver, or Washington, D. C. No charge to prospective bidders for copies of the specifications and drawings; to others, \$1.00 per copy. * 23

BIDS WANTED

BOISE PROJECT, Idaho. — Until May 31, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 785, for the construction of earthwork and structures, Station 1520 to Station 1533 plus 35, Black Canyon canal; Station 0 to Station 1040, "A" line canal; and Station 0 to Station 1284 plus 81, "D" line canal, Payette Division, Boise Project, Idaho.

- Estimated quantities are:
- (1) 1,447,000 c.y. excav. for canal;
 - (2) 140,000 c.y. excav. for core banks;
 - (3) 55,000 sta. c.y. overhaul;
 - (4) 24,200 c.y. excav. for struc.;
 - (5) 65,200 c.y. excav. for drainage channels and dikes;
 - (6) 57,200 c.y. earth lining of canal;
 - (7) 700 c.y. gravel blanket on inside slopes of canal embankment;
 - (8) 22,000 c.y. backfill;
 - (9) 2,400 c.y. concrete in structures;
 - (10) 3,200 c.y. dry-rock paving;
 - (11) Placing 242,000 lbs. of reinforcement bars;
 - (12) Erecting 40 MFEM of timber in bridges;
 - (13) laying 4,600 lin. ft. 15-in. to 6-in.

- diam. concrete pipe;
 - (14) installing 19,700 lbs. of gate and gate hoists;
 - (15) installing 3,100 lbs. of miscellaneous metalwork.
- Plans and specifications may be obtained from the above office and from the office of the Bureau of Reclamation, at Denver, Colo., or Washington, D. C. No charge to prospective bidders for copies of the specifications; to others, \$3.00. * 23

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, San Francisco, under Bid No. 1998, for rental of automotive equipment:

Bids taken on:

- (A) 1 coupe, 1938 Model, Plymouth (or equal) inc. allowance of 1000 miles; flat rate per month;
- (1) rate per mile in excess of 1-000 miles per month;
- (B) Two 5-pass. Sedans, 1938 Model, Plymouth (or equal) inc. allowance on 1000 miles; flat rate per month;
- (1) rate per mile in excess of 1-000 miles per month;
- (C) Two 5-pass. Sedans, 1938 Model, Plymouth (or equal) inc. allowance on 1200 miles; flat rate per month;
- (1) rate per mile in excess of 1-200 miles per month;
- (D) One 5-pass. Sedan, 1938 Model, Plymouth (or equal) inc. allowance on 1500 miles; flat rate per month;
- (1) rate per mile in excess of 1-500 miles per month;
- (E) Four ½-ton Ford V-8 (or equal) pickup trucks; flat rate per mo. Bids were:
- Evans Auto & Truck Rental Co.: (A) \$73; (A1) \$0.675; (B) \$73; (B1) \$0.675; (C) \$87; (C1) \$0.875; (D) \$105 (D1) \$0.675; (E) \$57.50.
- Lerer Bros.: (A) \$74.40; (A1) \$0.45; (B) \$74.40; (B1) \$0.5; (C) \$79.40; (C1) \$0.5; (D) \$88.40; (D1) \$0.5; (E) \$59.40.
- Bay Auto Co.: (A) \$58; (A1) \$0.575 (B) \$58; (B1) \$0.575; (C) \$69; (C1) \$0.55; (D) \$84; (D1) \$0.525; (E) \$54.
- Murray Benton: (A) \$74.50; (A1) \$0.65; (B) \$79.50; (B1) \$0.65; (C) \$92.50 (C1) \$0.65; (D) \$111.50; (D1) \$0.65. * 25

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for 25,000 tons crackle stone, 1 to 4 tons in weight. Invit. 447, were awarded by U. S. Engineer, Los Angeles, as follows: Rohl-Connolly Co., 16,600 tons at \$15.70; G. L. Skolfield, 8400 tons at \$8.20. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—The Norris Stamping & Mig. Co., 960 E. 61st St., at \$861,957, awarded contract by the U. S. Navy for aluminum cartridge tanks to protect shells against weathering. They will later be installed on new warships. * 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 59813, Reg. No. 18,962, for furnishing one 10-ft. single-drive, pneumatic-tired motor-grader; f.o.b. Eureka. Bids were:

Harron, Rickard & McCone Co.—\$3667; turn-in \$23.30; net \$3143.70.

Spears Well Machinery Co., Oakland—\$5926; turn-in \$793; net \$3133; disc. \$100 10 days.

J. D. Adams Co., S. F.—\$3614; turn-in \$650; net \$2964; 2% 30 days.
Edward R. Bacon Co., S. F.—\$3,625.60; turn-in \$450; net \$3175.60; 2% 30 days.

Knock-Hale Machinery Co., S. F.—\$1,982.00; turn-in \$862; net \$3336.20; net.

Weaver Rye Tractor Co., Sacramento—\$3647.05; turn-in \$693.45; net \$2953.60; \$50 30 days. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1222, for furnishing one self-contained steam cleaning machine. Complete bids follow:

Harron, Rickard & McCone Co., \$570, fob Oakland; \$586 fob Glendale; \$581 fob Stockton; net.

Chansler & Lyon, \$570 fob Glendale; \$570 fob Stockton; 2% 30 days. Malsbury Mfg. Co., \$570 fob Oakland; \$586 fob Glendale; \$581 fob Stockton; net.

Collier Motor Sales Co., \$570 fob San Francisco, Glendale or Stockton; 2% 30 days.

Smith Booth Usher Co., \$595 fob Alhambra; \$595 fob Glendale; \$595 fob Stockton; 2% 30 days.

Clayton Mfg. Co., \$570 fob Alhambra; \$570 fob Glendale; \$570 fob Stockton; 2% 30 days.

Geo. A. Kreplin, \$586 fob Glendale; \$581 fob Stockton; \$570 fob Oakland; net. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of crawler type crane for 750 hours, Invit. 492, opened by U. S. Engineer, Los Angeles, were:

Ralph O. Dixon, 1/2 of 1% 10 da., \$5,400 hour, \$4060.50 (Bucyrus 43 B). Bert Calvert, 2% 10 days, \$5,45 hr., \$4087.50 (Northwest 80).

Wm. R. Shriver, 1% 10 days, \$5,75 hr., \$4312.50 (P & H No. 750).

United Concret Pipe Corp., 3% 10 days, \$6,50 hour, \$4875 (Northwest 106).

B. W. Kuhn, 1/2 of 1% 10 days, \$6,50 hour, \$4875 (Marion 381 or Northwest 80). Alt. bid, \$5,85 hour, \$4387.50 (Northwest 6).

Pacific Crane & Rigging, Inc., \$9,25 hour, \$6937.50 (Link Belt K-55).

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of five to ten 5-cy. dump trucks for use on state highway rte LA-60-B, west of Los Angeles city limits, for approx. 15 days, were received by State Highway Dept., Los Angeles. The bids were (equipment offered on hourly basis):

Frank E. Lewis, one at \$2.85. Frank Rice, one at \$2.85. W. L. Morgan, two at \$2.85.

Lawrence R. Ames, one at \$2.85. S. Edmonson & Sons, 10 at \$2.85. K. & S. Truck Service, five at \$2.85.

F. D. O'Neal, two at \$2.85. C. W. Clark, Jr., two at \$2.85. W. F. Thompson, one at \$2.85.

Walter Ryals, one at \$2.85. Dominic D'Eramo, \$2.85 number not stipulated.

S. Tedesco, two at \$2.85. Fred Ralphin, one at \$2.85. W. W. Sommerill, one at \$2.85.

B. G. Carroll, one at \$2.85. R. W. Walter, one at \$2.45 hand; \$2.75 power.

C. B. Grove, four at \$2.85. F. J. Walters, four at \$2.85. C. V. Young, one at \$2.60.

M. P. Truck Service, 5 at \$2.85. H. K. Smith, five at \$2.85. M. J. Cross, one at \$2.85.

K. Whitmer, one at \$2.85. P. F. Jierce, \$2.85; number not stipulated. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one 90-h.p. tractor with 12-yd. carryall scrape and operators, opened by U. S. Engineer, Los Angeles, were (all bidding on Caterpillar RD-8):

Gunther & Shirley, \$6,40 hour, total, \$6400.

Minnis & Moody, \$6,48 hour, total, \$6480; disc. 1% 10 days.

Silva and Hill Const. Co., \$6,40 hr., total \$6490.

Basich Bros., \$6,90 hour, total, \$6,900.

C. C. Willis & Sons, \$7 hr., total, \$7000; disc. 1% 10 days.

Dimmitt & Taylor, \$8 hour, total, \$8000; disc. 2% 20 days.

Don Ayers, Arbuckle, \$10 hr., total \$10,000. Invit. 493.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of four to six 2 1/2-cy. dump trucks for use on State Highway Route Ventura-79-C, between Fillmore and East Ventura county line for a period of approx. 15 to 20 working days were received by the State Highway Dept., Los Angeles. The bids were: (Equipment offered on hourly basis)

T. L. Solomon, one at \$150 hand loading; \$166 power loading.

La Marr Dump Truck Service, two at \$158 hand; \$183 power.

Frank Myer and Leonard Schemp two at \$2.00.

Reece Dodge, one at \$2.00. George Howard, two at \$2.00.

Jas. A. Dunn, four at \$158 hand; \$183 power.

Sam Sharp, two at \$1.58. J. J. Wilson, one at \$1.74.

Mark J. Bradley, one at \$158 hand and \$183 power.

E. A. Riley, two at \$140 hand; \$150 power.

L. E. Riley, one at \$140 hand; \$150 power.

Alfred Sharp, one at \$138 hand; \$158 power.

A. A. Thomas, one at \$138 hand; \$158 power.

S. M. Monks, two at \$158 hand; \$183 power.

Burt Eucker, one at \$1.75. H. L. Willingham, one at \$1.50.

Robt. E. Griffith, one at \$1.83. Walter Ryals, five at \$2.18.

Dewey Crowe, one at \$1.58. Frank Montank, five at \$1.88.

John Taormina, three at \$1.23 hand and \$1.29 power.

Hugh Martin, one at \$1.55. John Appier, one at \$1.65.

Freemon Bros. & Merritt, two at \$1.85.

E. C. and T. C. Winston, two at \$1.43.

E. P. Brooks, four at \$138 hand; \$163 power. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of four to six 2 1/2-cy. dump trucks for use on State Highway Dept., Los Angeles, for use on state highway route LA-60-B, west of Los Angeles city limits for a period of approximately 15 days. The bids were (equipment offered on hourly basis):

Dewey Crowe, one at \$1.58. Frank Montank, one at \$1.88. John Taormina, three at \$1.23 hand loading; \$1.29 power loading.

R. Anners, one at \$1.80. M. P. Truck Service, three at \$2.15.

Alfred Sharp, one at \$1.38 hand loading; \$1.58 power loading.

A. A. Thomas, one at \$1.38 hand loading; \$1.58 power loading.

S. M. Monks, two at \$1.58 hand; \$1.85 power.

Burt Eucker, one at \$1.80. H. L. Willingham, one at \$1.50.

Robt. E. Griffith, one at \$1.83. Walter Ryals, five at \$2.18.

T. L. Solomon, one at \$150 hand; \$166 power.

La Marr Dump Truck Service, two at \$158 hand; \$183 power.

Frank Myer and Leonard Schemp two at \$1.82.

Reece Dodge, one at \$1.83. Geo. Howard, two at \$1.83.

Jas. A. Dunn, four at \$1.53 hand; \$1.83 power.

Sam Sharp, two at \$1.58. Jewell Yandell, one at \$1.74.

Mark J. Bradley, one at \$1.58 hand; \$1.83 power.

E. A. Riley, two at \$1.40 hand; \$1.50 power.

L. E. Riley, one \$1.40 hand loading; \$1.50 power.

Hugh Martin, one at \$1.65. John Appier, one at \$1.55.

P. A. Ryan, one at \$1.75. Freeman Bros. & Merritt, two at \$1.85.

E. C. and T. C. Winstrom, two at \$1.43. * 25

CONTRACT AWARDED

SAN FRANCISCO.—Wallace and Tiernan Sales Corp., 171 2nd Street, San Francisco, at \$1139.19, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1992, for furnishing one semi-automatic chlorinating machine for the San Francisco Water Dept. * 25

CONTRACT AWARDED

BISHOP, Inyo Co., Cal.—J. W. Bertram, Bishop, was awarded contract by the State Division of Highways, District IX, Bishop, for the rental of two 4-cy. pneumatic-tired dump trucks, not less than 3-ton chassis, to be delivered at Bishop.

Bids taken on:

(1) Truck No. 1—hourly operating rate;

(2) Truck No. 1—hourly idle time rate;

(3) Truck No. 2—hourly operating rate;

(4) Truck No. 2—hourly idle time rate;

(5) lump sum—transportation of Trucks 1 and 2.

Complete bids follow: J. W. Bertram, Bishop—(1) \$2.60; (3) \$2.60.

Rock & Gravel Trucking Co., Oakland—(1) \$2.60; (2) \$2.60.

Longwell Truck Service, San Francisco—(1) \$2.50; (2) \$1.00; (3) \$2.50; (4) \$1.00.

Basich Bros., Torrance—(1) \$3.00; (2) \$1.50; (3) \$3.00; (4) \$1.50; (5) \$1.00.

Walter Ryals, Pasadena—(1) \$2.90; (2) \$0.65; (3) \$2.90; (4) \$0.65; (5) \$2.00.

W. L. Morgan, Pasadena—(1) \$1.90; (2) \$0.65; (3) \$2.90; (4) \$0.65; (5) \$2.50.

A. C. Bussey, Riverside—(1) \$2.60; (2) \$0.60; (3) \$2.60; (4) \$0.60; (5) \$2.50.

The bids of J. W. Bertram and Rock & Gravel Trucking Co. were identical; but the award was made to the former as his bid was submitted on 1938 model trucks, whereas the latter was submitted on 1936 model trucks. * 25

BIDS OPENED

SAN FRANCISCO.—EmSCO Derrick & Equipment Co., 6811 S Alameda, Los Angeles submitted the low bid to the U. S. Forest Service, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1219, for furnishing trail-builder attachments.

Bids taken on:

(1) 4 each trailbuilders with power units; fob shipping point;

(1a) fob Redding;

(2) 2 each trailbuilder attachments

without power units;
 (2a) fob Government Island.
 Complete bids follow:
 Emsco Derrick & Equipment Co.,
 6811 South Alameda, Los Angeles; (1)
 \$1,000; fob Los Angeles; (1a) \$1,075;
 (2) \$625 fob Los Angeles; (2a) \$675;
 2% 30 days.
 Woodridge Sales Corp., (1) \$1,258
 fob Sunnyvale; (1a) \$1273; (2) \$810;
 fob Sunnyvale; (2a) \$810.
 R. G. LeTourneau, (1) \$1286.78, fob
 Stockton; (1a) \$1,338.01; (2) \$509.47.
 (2a) \$522.47. * 25

BIDS WANTED

DENVER, Colo.—Until May 20, 2
 P. M. (date postponed from May 4),
 bids will be received by the U. S.
 Bureau of Reclamation, R. F. Walter,
 Chief Engineer, Denver, under
 Spec. No. 1061-D, for furnishing one
 ditch-cleaning and excavating ma-
 chine of crawler-tractor and end-
 less-chain, bucket-digging-unit type,
 to be used for cleaning, deepening
 and widening drains and canals and
 excavating new drains and canals on
 the Belle Fourche project, South
 Dakota.
 Specifications obtainable at above
 office. * 25

BIDS OPENED

SANTA BARBARA CO., Calif.—
 Following submitted bids to the De-
 partment of Public Works, Division
 of Highways, L. H. Gibson, District
 Engineer, 50 Higuera St., San Luis
 Obispo, for rental of the following
 equipment:
 (1) one 30-hp. (or more) tractor with
 bulldozer;
 (2) one 8-ft. ground cover disc har-
 row;
 (3) one 1000-gal. (or more) water
 tank truck;
 (4) one 2-c-y. or more dump truck.
 Equipment is required for 30 days*
 use in Santa Barbara County.
 Complete bids follow:
 Denni Inv. Corp., Wilmington—(1)
 \$3.98.

J. J. Hergert, Gaviota—(1) \$4.25.
 *A. Soda & Son, Oakland—(1) \$4.39;
 (2) \$2.74; (3) \$2.50.
 *W. E. Karstedt, San Jose—(1) \$1.91;
 \$4.25; (3) \$3.50; (4) \$3.50.
 R. H. Beecham, San Luis Obispo—
 (1) \$4.45.
 John Fesler, Santa Maria—(1)\$4.75.
 Teel Bros., Los Angeles—(3) \$3.00.
 John Jurkovich, Fresno—(3) \$6.00.
 Bonsangue Bros., Los Angeles—(4)
 \$1.49.
 L. E. Tarian, Los Angeles—(4)
 \$1.55.
 Orio E. Smith, Bell—(4) \$1.55.
 *L. A. Herlyck, Pasadena — (4)
 \$1.65.
 Donald D. Allen, Los Angeles—(4)
 \$1.75.
 *H. E. Adams, Santa Barbara—
 (4) \$1.85.
 *Alvin Hair, Moreno—(4) \$2.00.
 *Harold E. Guiton, Oceano—(4)
 \$2.25.
 Madonna Truck Co., San Luis
 Obispo—(4) \$2.50.
 *Santa Barbara Rock Co., Santa
 Barbara—(4) \$2.85.
 All bids on item (2) (disk harrow)
 were rejected.
 *Bid irregular. * 25

BIDS OPENED

FORT MASON, Calif.—Following
 submitted bids to the Quartermas-
 ter Supply Officer, San Francisco
 General Depot, Fort Mason, S. F.,
 under Bid No. 928-38-330, for one
 portable stacking elevator, electric
 motor-driven, cable or chain oper-
 ated, telescoping two section, cap-
 able of lifting not less than 1000 lbs.;
 fob shipping point.
 Bidders were:

Barrett-Cravens Co., Chicago, \$1,-
 094; fob destination; \$1,172 fob Chi-
 cago; 1% 10 days.
 Service Caster & Cook Co., N.E.,
 \$1,018; fob Summerville, Mass.; 1%
 10 days.
 Lewis Shephard Sales Corp., Wate-
 rtown, Mass., \$965; fob shipping
 point; \$995 fob destination; 1% 10 da-
 y.
 Revelour Co., N. J., \$578.50; fob the
 shipping point; \$912.50 fob destina-
 tion; 1% 10 days.
 Economy Engr. Co., Chicago; \$1,-
 036.39; fob destination; 1% 10 days. 25

BIDS OPENED

SACRAMENTO, Calif.—Following
 submitted bids to the State Bureau
 of Purchases, 319 State Capitol, Sacra-
 mento, for furnishing one laundry
 machine for Sonoma State Home,
 Eldridge, Cal.

Bids taken on:
 (1) washer; (2) extractor; (3)
 presser; (4) shirt presser; (5) re-
 built sleeve presser.
 Bids were:
 Troy Laundry Machinery of Amer-
 ican Machine & Metals, Inc., S. F.—
 (1) \$2800, (2) \$1800, (3) \$635, (4)
 \$795.
 The American Laundry Machinery
 Co., S. F.—(2) \$1900, (3) \$480, (4)
 \$590, (5) \$70.
 The Prosperity Co., Inc., S. F.—(3)
 \$475, (4) \$585, (5) \$65. * 25

BIDS OPENED

SAN FRANCISCO.—The following
 submitted bids to the U. S. Engi-
 neer's office Lt.-Col. J. A. Dorst, Dis-
 trict Engineer, 401 Custom House,
 San Francisco, under Bid No. 868-38-
 130, for furnishing following equip-
 ment:
 LOT NO. 1:
 (1) one excavating machine, 2-c-y.,
 Diesel oil engine driven, crawler
 type, 60-foot boom;
 (2) one excavating machine, 2-c-y.,
 Diesel oil engine driven, crawler
 type, 75-foot boom.
 LOT NO. 2:
 Two 2-c-y. and one 1-c-y. clamshell
 buckets.

Complete bids follow:
 Marion Steam Shovel Co.; Lot No.
 1: (1) \$30,500; (2) \$30,700; total,
 \$61,200. Lot No. 2, no bid; 2%
 30 days.
 Harnischfeger Sales Corp.; Lot No.
 1: (1) \$23,300; (2) \$23,500; total,
 \$46,800. Lot No. 2, \$4,830; 2% 30
 days.
 American Hoist & Derrick Co.; Lot
 No. 1: (1) \$25,378; (2) \$25,588;
 total, \$50,966. Lot No. 2: \$3,870.
 Alt., \$3,959; 2% 30 days.
 Owen Bucket Co.; Lot No. 1: no bid.
 Lot No. 2: \$4,331; net.
 Thew Shovel Co.; Lot No. 1: (1)
 \$29,538; (2) \$29,643; total, \$59,181.
 Lot No. 2: \$4,570; net.
 Edward R. Bacon Co.; Lot No. 1:
 no bid. Lot No. 2: \$4,439.80; 1%
 30 days.
 Link Belt Co.; Lot No. 1: (1) \$27,-
 909; (2) \$29,486; total, \$57,395.
 Lot No. 2: \$4,800; net.
 Koehring Co.; Lot No. 1: (1) \$28,-
 203; (2) \$28,531; total, \$56,734.
 Lot No. 2: \$4,059; net.
 The Osgood Co.; Lot No. 1: (1) \$23,-
 775; (2) \$23,969; total, \$47,744.
 Lot No. 2: \$4,910; 2% 10 days.
 Lima Locomotive Works; Lot No. 1:
 (1) \$23,870; (2) \$24,070; total, \$47,-
 940. Lot No. 2: \$4,415; 2% 20 da-
 y.
 Bucyrus-Erie Co.; Lot No. 1: (1) \$25,-
 775; (2) \$29,180; total, \$54,955. Lot
 No. 2: \$4,810; 2% 20 days. 25

BIDS OPENED

OAKLAND, Calif.—Following sub-
 mitted bids to the East Bay Municipal
 Utility District, John Kimball,

Secretary, 512 16th St., Oakland, un-
 der Prop. No. 999, for the sale of
 the following equipment:
 (1) three Allis-Chalmers steam driv-
 ing pumping units, wt. 360 tons;
 (2) one Prescott and one Platt Iron
 Works steam driven pumping
 unit, wt. 108 tons.
 Bids were:
 The Learner Co., Oakland: (1) \$3,-
 013.20; (2) \$903.96, total, \$3,917.16.
 Pacific Coast Shipwrecking & Salvage
 Co., Oakland; (1) \$2,793.00; (2)
 \$730.08, total, \$3,523.68.
 Lee J. Immel, Berkeley: (1) \$990;
 (2) \$297, total, \$1,287.
 M. Levin & Son, S. F.: (1) \$5.26;
 (2) \$3.16. 25

BIDS OPENED

STOCKTON, Calif.—Following sub-
 mitted bids to the Public Works, Di-
 vision of Highways, R. E. Pierce,
 District Engineer, 1200 North Center
 St., Stockton, for the rental of equip-
 ment, as follows:
 (1) one to four truck shovels, with
 minimum capacity of 4/10 cu. yd.
 Must be a regularly designed
 truck shovel and not a tractor
 type shovel, mounted on a truck
 chassis. Ford or Chevrolet chas-
 sis mountings will not be accept-
 able;
 (2) one or more 4-c-y. water level
 dump trucks. Ford or Chevrolet
 chassis not acceptable;
 (3) one or more 3-c-y. water level
 dump trucks. Ford or Chevrolet
 chassis not acceptable;
 (4) one or more 2-c-y. water level
 dump trucks;
 (5) one or more 1/2-ton expresses,
 similar to Ford V-8 1/2-ton ex-
 presses.

Above equipment is for intermit-
 tent use throughout District X.
 Complete bids follow:
 C. E. Huls, Merced: (1) \$3.95, mov-
 ing time, \$2.50; (2) (a) \$2.90; (b)
 \$2.40; (c) \$2.65; (3) (a) \$2.50; (b)
 \$2.10; (c) \$2.30; (4) (a) \$1.75; (b)
 \$1.55; (c) \$1.85; (5) \$1.15.
 A. J. McCosker, Oakland: (1) \$4.25
 (2) (a) \$2.90; (b) \$2.40; (c) \$2.65;
 (3) (a) \$2.50; (b) \$2.10; (c) \$2.30;
 (4) (a) \$1.80; (b) \$1.55; (c) \$1.65;
 (5) \$1.50.
 C. Mankel, Sacramento: (1) \$5.50,
 moving time, \$3.75; (2) (a) \$2.90; (b)
 \$2.40; (c) \$2.65; (3) (a) \$2.50 (b)
 \$2.10; (c) \$2.30; (4) (a) \$2.00; (b)
 \$1.75; (c) \$1.90; (5) \$1.75.
 W. E. Karstedt, San Jose: (1) \$5,
 moving time, \$3; (2) (a) \$3.50; (b)
 \$3; (c) 2.50; (5) \$2.00.
 C. T. Holt, Berkeley, submitted an
 irregular bid. * 25

BIDS OPENED

SAN FRANCISCO.—Following sub-
 mitted bids to T. A. Brooks, Pur-
 chaser of Supplies, Room 270, City
 Hall, San Francisco, under Bid No.
 1995, for furnishing meters for the
 San Francisco Hospital:
 Bids taken on:
 (1) One recording and integrating
 electric steam plow meter for
 100-lb. steam pressure;
 (2) One do for 75-lb. steam pressure;
 (3) One recording and integrating
 electric flow meter with tempera-
 ture pen;
 (4) One remote reading electrical type
 meter with one indicator.
 Bids were:
 Republic Flow Meters Co.: (1) \$362
 (2) \$364; (3) \$473; (4) \$427; net; 30
 days delivery.
 C. C. Moore & Co.: (1) \$348; (2)
 \$350; (3) \$440; net; 30 days delivery.
 The Brown Instrument Co.: (1)
 \$347.50; (2) \$350; (3) \$451; (4) \$1,-
 035; 1% 10 days; net 20 days; \$5
 day delivery.
 Leeds & Northrup Co.: (4) \$1520-
 80; net 30 days; 60 day del.
 Daly Meter Co.: (1) \$336; (2) \$330;

(3) \$430; net 30 days; 35 day del.
 Bristol Co.: (1) \$348; (2) \$351; (3) \$433.75; 1% 10 days; net 30 days; 20 day delivery. * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until May 23, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1066-D for furnishing and delivering three coupling capacitors, three distribution transformers and protective devices and accessories, and three carrier line traps for installation in the Boulder power plant, Boulder Canyon Project. Apparatus will be installed by the government; job shipping point and/or Boulder City, Nev. Plans and specifications may be obtained from the above office. * 25

LOW BIDDER

YERBA BUENA SHOALS.—O'Mara & Stewart, Ltd., 218 Clara St., San Francisco, at \$4,339 submitted low bid to the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 187.1 for pumping equipment for South Court Fountains on Yerba Buena Shoals. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for rental of five to eight 5-cy. dump trucks for use on State Highway Rte. Ventura-79-C, between Fillmore and East Ventura county line, for approximately 15 to 20 working days, were received by State Highway Department, Los Angeles. The bids were: (Equip. offered on hourly basis):

- Frank E. Lewis, 1 at \$2.85.
- Frank Rice, 1 at \$2.85.
- W. L. Morgan, 2 at \$2.85.
- Lawrence R. Ames, 1 a \$2.85.
- S. Edmondson & Sons, 10 at \$2.85.
- K. & S. Truck Service, 6 at \$2.85.
- F. D. O'Neal, 2 at \$2.85.
- C. V. Clark, Jr., 2 at \$2.85.
- Walter Ryals, 1 at \$2.85.
- Dominec D'Eramo, \$2.85; number not stipulated.
- S. Tedesco, 2 at \$2.85.
- Fred Ralphin, 1 at \$2.85.
- W. W. Sommerill, 1 at \$2.85.
- B. G. Carroll, 1 at \$2.85.
- R. W. Walter, 1 at \$2.45 hand, \$2.85 power.
- R. Anners, 1 at \$2.80.
- C. R. Young, 1 at \$2.60.
- M. P. Truck Service, 5 at \$2.85.
- M. L. Cross, 1 at \$2.85.
- J. F. Pierce, \$2.85; number not stipulated. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of five sheeps foot tampons, with 10-ft. rollers, for use on Angeles Crest Highway, LA-61-A, B, for a period of approx. three months, opened by the State Highway Dept., Los Angeles, were:

- A. S. Vinnell Co.: (1) McCaffrey 1936, \$52.50 per month each; (2) 19 7 Southwest Welding 19.7, \$52.50 per month each.
- M. P. McCaffrey, Inc.: 1938 model, \$65 per month each.
- R. E. Campbell: (1) McCaffrey 1934 \$98 per month each; (2) Le Tourneau 1934, \$98 per month each. * 25

OAKLAND, Cal.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, for furnishing (1) three automobiles for the Oakland Fire Department; and (2) one automobile for the Auditor's office:

- Connell Motor Co.—(1) (a) \$1199.91, (b) \$1070.17.
- Harry E. Liggett Co.—(1) (a) \$1,

523.50, (b) \$1448.50.
 Howard Automobile Co.—(1) (a) \$1235.23, (b) \$1143.04, (2) \$1490.41. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one oil mixer for use on State Highway Rte. Ventura-79-C, betw. Fillmore and east Ventura county line, for a period of 15 to 20 working days, were received by the State Highway Dept., Los Angeles. The bids were:
 Geo. Gardner & Sons, \$7.50 per hr.; alt., \$8.50 per hr.
 Oswald Bros., \$10 per hr. * 25

27—WPA PURCHASES, RENTALS

BIDS WANTED

SAN FRANCISCO.—Until May 18, 10 a. m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5383, for the rental of one portable centrifugal pump, gas engine driven, complete with 20 feet of 2-inch suction hose and foot valve and 200 feet of 2-inch discharge hose; f.o.b., San Francisco Airport, San Mateo County, Cal. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing supplies and materials:

- BID NO. 5331: Hazelton Lumber Co.: \$268; 1% 20 days; ½ of 1% 30 days; 400 sacks of Portland cement;
- BID NO. 5324: Christensen Lbr. Co.: \$430.65; 1 day del.; 2% 30 days; misc. Douglas fir;
- BID NO. 5327: Wheeler, Reynolds & Stauffer: \$6.14, total, \$37.70; 3 day del.; 1% 20 days; 44 CWT carbon bisulphide;
- BID NO. 5318: Rhodes & Robinson: (1) \$1.30; 10 cents per ton 10th prox.; Peninsula Bldg. Materials: (2) \$1.60; 5% 10th prox.; for (1) 325 tons coarse aggregate; (2) 175 tons fine sand;
- BID NO. 5322: Wetenhall Co.: (1) \$329.07; (2) \$229.48; net; for reinforcing steel bars and steel wire;
- BID NO. 5328: U. S. Pipe & Foundry Co.: \$1,204; net; for CI water pipe;
- BID NO. 5321: E. E. Newhall Co.: \$1483.53; 1 day del.; 2% 30 days; for misc. common nails;
- BID NO. 5320: Rhodes & Kennedy: \$562.80; 1 day del.; \$0.21 per c.y., 30 days; for 70 c.y. readymix concrete;
- BID NO. 5319: Rolando Lumber Co.: \$376.10; 4 day del.; 2% 30 days; for misc. Douglas fir;
- BID NO. 5320: Western Pipe & Steel Co.: \$39.27; ½ of 1%; 5 day del.; for galv. corr. metal pipe culvert;
- BID NO. 5326: H. E. Casey Co.: \$1,000; 2% 30 days; 1 day del.; for 400 bbls. of Portland cement;
- BID NO. 5329: Jordan Concrete Pipe Co.: \$1096.50; net; 10 day del.; for reinf. concrete pipe;
- BID NO. 5333: Heafey-Moore Co.: \$1,785.55; 2 day del.; net; for 533 tons of emulsified asphalt. * 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials and rental of equip-

ment, as follows:
 MAY 17, 10 A. M.:

- BID NO. 5393: Trees, ellis, bushings, caps, pipe, Y branches and vases of various sizes; for 34th Avenue and Clement St., San Francisco.
- MAY 19, 10 A. M.:
- BID NO. 5382: Rental of one road ripper on wheels for use on 30-h.p. tractor; for San Francisco Airport, San Mateo County;
- BID NO. 5384: 84 lf. corr. metal pipe culvert; for San Pablo Dam road and Wilcat Road, Contra Costa County;
- BID NO. 5385: 1696 lf. clay sewer pipe; for Walnut Creek;
- BID NO. 5386: 11,858 FBM Douglas fir; for 445 Hampshire St., S. F.;
- BID NO. 5387: Asbestos felt, water-proofing asphalt and yarn; for Larkin and Beach Sts., S. F.;
- BID NO. 5388: 2839 tons asphaltic concrete; for Geneva Ave., S. F.;
- BID NO. 5389: 16,400 FBM Oregon pine; for Larkin and Beach Sts., San Francisco;
- BID NO. 5390: 30 M. red brick; for Santa Clara;
- BID NO. 5391: 20 single bit axes, forks and rakes; for San Jose;
- BID NO. 5392: 1000 ft. spirally corr. pipe and 40 couplers; for Santa Rosa.
- MAY 20, 10 A. M.:
- BID NO. 5394: Rental of one 10-ton tandem roller not less than 1-cylinder engine; for Geneva Ave. San Francisco.

29—STREETS AND HIGHWAYS

BIDS OPENED

SAN ANSELMO, Marin Co., Cal.—Frank J. Main, Fairfax, at \$7,984.50 submitted low bid and was tentatively awarded the contract by the San Anselmo City Council, F. D. Burrows, City Clerk, City Hall, for paving and reconstructing approximately 1.4 miles on Sir Francis Drake Boulevard, Ancha Vista Avenue and Northwest Municipal city limits.

The work involves:

- (1) 1600 sq. yds. preparing subgrade;
- (2) 190 tons asphaltic concrete leveling course;
- (3) 970 tons asphaltic concrete, Type B;
- (4) 108 yds. Class A Portland cement concrete shoulders;
- (5) 37 c.y. do for sub-pave, patching;
- (6) 37 c.y. Portland cement concrete curb and gutters.

- Total bids follow:
- (A) Frank J. Main, Fairfax, \$7,984.50
- (B) Pacific States Const. Co., S. F., \$9,548.50.
- (C) E. A. Forde, San Anselmo, \$9,321.50.
- (D) P. S. Harless, San Rafael, \$9,500.25.
- (E) F. E. Crews, Fairfax, \$9,732.00.
- (F) Chas. L. Harney, \$9,829.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)...	\$.05	\$.10	\$.09	\$.12	\$.10	\$.15
(2)...	4.85	4.25	4.65	4.50	4.60	5.65
(3)...	5.00	5.30	5.50	5.70	6.00	6.00
(4)...	10.50	13.00	15.50	16.00	15.00	14.00
(5)...	11.00	13.00	15.50	15.00	15.00	14.00
(6)...	16.00	15.00	19.50	18.00	19.00	18.00

CONTRACT AWARDED

SISKIYOU COUNTY, Calif.—Oil-fields Trucking Co., Box 751, Bakersfield, at \$95,475 was awarded contract by the State Division of Highways, Public Works Building, Sacramento for constructing about 24.1 miles of soil cement base; placing imported surfacing materials on portions of the project and surfacing with road mix surfacing the entire project, between Cougar and MacDoel, Siskiyou County. * 29

BIDS WANTED

CHURCHILL CO., Nev.—Until May 20, 2 p.m., bids will be received by the State of Nevada, Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 13.71 mi. reconstruction of State Highway from a point approximately 13 1/2 mi. west of the Churchill-Pershing Co. Line, Route 1, Sections A, B-1, B-A, Churchill County, Nevada.

Work involves:

- (1) Force Account, special detours;
- (2) 250 hrs. 75-hp. crawler type tractor;
- (3) 250 hrs. 10-ft. blade grader;
- (4) 100 hrs. 75-hp. tractor, with power scraper;
- (5) 250 hrs. motor grader;
- (6) 500 hrs. 1 1/2-ton truck;
- (7) 100 hrs. 75-hp. tractor with bulldozer or angledozer;
- (8) 24,579 c.y. selected detour surfacing;
- (9) 25,462 yd. mi. haul on selected detour surfacing;
- (10) 941 lf. remove culvert pipe;
- (11) 51 remove headwalls (conc.);
- (12) 25 remove headwalls (rubble);
- (13) 144,879 sq. yd. remove and stockpile roadmix asph. surface;
- (14) 157,454 c.y. roadway excav.;
- (15) 3042 c.y. drainage excav.;
- (16) 236 sta. "V" type ditches;
- (17) 31,850 c.y. borrow;
- (18) 115 sta. slope rounding;
- (19) 403,950 yd. sta. overhaul;
- (20) 14,329 yd. ml. overhaul;
- (21) 1577 c.y. struc. excav.;
- (22) 2250 c.y. backfill;
- (23) 13.70 mi. subgrade, Type B;
- (24) Force Account, roadside clean-up;
- (25) 5695 M. gal. water;
- (26) 104,957 tons Type 1, gravel base;
- (27) 65,762 tons Type 2, gravel base (1 1/2-in. size);
- (28) 144 tons liq. asph., Type MC-2 (seal);
- (29) 1400 tons liq. asph., Type SC-2 (roadmix);
- (30) 13.80 miles roadmix;
- (31) 15.96 miles roadmix (detours);
- (32) 5 each, roadmix intersection;
- (33) 9553 c.y. salvaged aggregate;
- (34) 278 c.y. Class A concrete;
- (35) 98 c.y. Class B concrete;
- (36) 30,760 lbs. reinf. steel;
- (37) 306 lf. 18-in. CMP;
- (38) 462 lf. 24-in. CMP;
- (39) 46 lf. 30-in. CMP;
- (40) 122 lf. 36-in. CMP;
- (41) 597 lf. 18-in. Vit. pipe;
- (42) 1299 lf. 24-in. Vit. pipe;
- (43) 99 lf. 30-in. Vit. pipe;
- (44) 96 lf. 36-in. Vit. pipe;
- (45) 268 lf. relay culvert pipe;
- (46) 45 each, move pipe culvert headwalls;
- (47) 118 each, culvert markers;
- (48) 18 each, guide posts;
- (49) 62 each, monuments (conc.);
- (50) 32 each, monuments (cut stone).

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, \$5 of which will be refunded. * 29

LOW BIDDER

LOS ANGELES CO., Cal.—Geo. R. Curtis Paving Co., 2100 E. 25th St., Los Angeles, at \$34,413.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 15 miles grading, widening with Portland cement concrete and plant-mix surfacing between Philadelphia St. and Painter Ave., Los Angeles, Cal.

Complete bids will be published shortly. * 29

BIDS WANTED

PLUMAS CO., Calif.—Until June 1, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.4 miles grading between southerly boundary and Vinton, Plumas County, Cal.

Work involves:

- (1) 81 acres clearing and grubbing right of way;
- (2) 1,600 M. gals. water;
- (3) 113,000 c.y. roadway excavation, without classification;
- (4) 12,000 sta. yds. overhaul;
- (5) 820 c.y. struc. excav.;
- (6) 185 c.y. ditch and channel excavation;
- (7) 393 sta. finish roadway;
- (8) 15,600 c.y. import surf. matl.;
- (9) 135 tons liq. asph., SC-2;
- (10) 185 tons liq. asph., SC-4;
- (11) 400 c.y. sand;
- (12) 7.5 miles spread and process roadside cover;
- (13) 1,600 lbs. bar reinf. steel;
- (14) 55 c.y. class A portland cement concrete;
- (15) 936 lf. 18-in. CMP;
- (16) 230 lf. 24-in. CMP;
- (17) 180 lf. 42-in. CMP.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

STATE OF WASHINGTON.—M. E. Nelson Const. Co., Inc., Tonasket, at \$65,230 awarded contract by the State Director of Highways, Lacey V. Murrow, Olympia, for clearing, grading, draining, surfacing, manufacturing and stockpiling mineral aggregate (oil rock) and construction of a bituminous surface treatment, roadmix type Class B and bituminous re-tread surfacing on 9.3 miles of Secondary State Highway 10-C and 10-D, Section 1, Manson to Chelan and Sec. 2, Chelan to Chelan Falls, FAS 22-A and State Project, Chelan County, Wash. * 29

CONTRACT AWARDED

SOUTH PASADENA, Los Angeles Co., Cal.—W. E. Hall Co., 1025 Westminster Ave., Alhambra, at \$33,971.32, was awarded contract by South Pasadena City Council for improvement of E. Mission Street, between Fair Oaks Ave. and 75 ft. west of east city boundary, about 0.59 mile. * 29

BIDS WANTED

OAKLAND, Calif.—Until May 23, 4:30 p.m., bids will be received by the Oakland Port Commission, foot of Grove Street, Oakland, for the pavement of extension of Ninth Avenue Pier, Oakland, WPA job.

Estimated quantities are as follows:

- (1) 775 tons asphaltic binder;
- (2) 280 tons asphaltic surf. mixture;
- (3) 620 tons macadam rock in place;
- (4) 120 tons screenings for oil macadam surfacing;
- (5) 70 tons bird's-eye screening and sand;
- (6) 62 tons asphaltic road oil;
- (7) 15 tons asphaltic emulsion for finish surface.

Plans and specifications may be obtained from the above office upon deposit of \$25. * 29

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Claude Fisher Co., Ltd., 2455 E. 55th St., Los Angeles, at \$89,929, awarded contract by the State Division of Highways, Sacramento, for about 2.4 miles grading and paving with Portland cement concrete between New Avenue in Redlands and Crystal Springs, San Bernardino County. * 29

BIDS WANTED

NYE CO., Nev.—Until May 20, 1:30 p.m., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 9.24 miles Class B1 roadmix bituminous surfacing on a portion of the State Highway from a point approximately 9 miles east of east boundary of Nevada National Forest to a point approximately 2 mi. west of Warm Springs, Route 4, Sec. B-2, Nye Co., Nev.

Work involves:

- (1) 93 tons liq. asph., Type MC2 (seal);
- (2) 710 tons liq. asph., Type SC-2 (roadmix);
- (3) 9.24 miles roadmix;
- (4) 96 culvert markers;
- (5) 51 guide posts;
- (6) force account—roadside cleanup;
- (7) 210 c.y. processing stockpile gravel.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nev., and from the District Office of the Bureau of Public Rds., Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, \$5 of which will be refunded. * 29

BIDS WANTED

NYE CO., Nev.—Until May 20, 2:30 p.m., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 8.84 mi. roadmix bituminous surfacing on a portion of the State Highway from the east boundary of Death Valley National Monument to Beatty, Route 58, Section A, Nye County, Nev.

Work involves:

- (1) 85 tons liq. asph., MC-2;
- (2) 678 tons liq. asph., SC-2;
- (3) 8.84 miles roadmix;
- (4) 120 each, culvert markers.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, \$5 of which will be refunded. * 29

CONTRACT AWARDED

TEHAMA CO., Calif.—N. M. Ball Sons, 852 Carmel, Albany, at \$14,625, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 0.5 ml. grading and paving with Portland cement concrete and road-mix surfacing on crusher run base at Red Bluff, Tehama Co. * 29

CONTRACT AWARDED

MARIN CO., Calif.—A. G. Raich, 1 De Haro Street, San Francisco, at \$359,784 awarded contract by State Division of Highways, Public Works Bldg., Sacramento, for about 7.5 miles grading, surfacing with Portland cement concrete asphalt concrete and plant-mix surfacing, widening existing structures, and constructing a grade separation structure, between Ignacio and San Rafael, Marin County. * 29

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$348,496.75 was awarded contract by the State Division of Highways, State Bldg., Los Angeles, for grading and paving with Portland cement concrete and plant-mix surfacing about 3.7 mi.; and constructing a reinforced concrete girder bridge between Tunnel Station and Placerita Canyon, Los Angeles County. * 29

CONTRACT AWARDED

MADERA COUNTY, Cal.—Plombo Bros. & Co., 1571 Turk St., San Francisco, at \$329,719 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 10.9 miles of grading and applying penetration oil treatment between Madera-Friant Road and Keshaw Corners, Madera Co. * 29

CONTRACT AWARDED

RIVERSIDE CO., Cal.—R. E. Hazard & Son, 2548 Kettner Blvd., San Diego, at \$94,270 were awarded contract by the State Division of Highways, Sacramento, for about 2.6 mi. grading and paving with asphalt concrete and applying road-mix surface treatment to shoulders and widened areas, between West city limits of Indio and Route 64, Riverside Co. * 29

BIDS OPENED

STATE OF WASHINGTON.—M. E. Nelson Constr. Co., Inc., Tonasket, at \$65,230, submitted low bid to the State Director of Highways, Lacey V. Murrow, Olympia, for clearing, grading, draining, surfacing, manufacturing and stockpiling mineral aggregate (oil rock) and construction of a bituminous surface treatment, roadmix type Class B and bituminous retard surfacing on 9.3 mile of Secondary State Highway 10-C and 10-D, Section 1, Manson to Chelan and Section 2, Chelan to Chelan Falls, FAS 22-A and State Project, Chelan County.

Total bids follow:
M. E. Nelson Constr. Co., Inc., Tonasket—\$65,230.
Roy L. Bair & Standard Paving Co., Spokane—\$69,969.
Norris Bros., Burlington—\$71,983.
Max J. Kunej, Spokane—\$85,266.
Diesel Oil Sales Co., Seattle—\$89,990.00.
F. R. Hewett, Spokane—\$68,362.

BIDS WANTED

LYON COUNTY, Nev.—Until May 24, 1:45 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 8 miles of highway construction from Weeks to Fernley Junction, Route 1B, Section A, Lyon County, Nec.

- Work involves:
- (1) 198 lf. remove culvert pipe;
 - (2) 32,727 c.y. rdwy. excav.;
 - (3) 1,300 c.y. drainage excav.;
 - (4) 149 sta. V type ditches;
 - (5) 993 c.y. borrow;
 - (6) 66,750 yd. sta. overhaul;
 - (7) 2,514 yd. mile overhaul;
 - (8) 290 c.y. struc. excav.;
 - (9) 230 c.y. backfill;
 - (10) 8 miles subgrade, Type B;
 - (11) 400 c.y. rock cleanup;
 - (12) 1,900 M. gals. water;
 - (13) 30,141 tons type 1 gravel base;
 - (14) 16,864 tons gravel surface;
 - (15) 33 c.y. Class A concrete;
 - (16) 1 c.y. Class B concrete;
 - (17) 3,965 lbs. reinf. steel;
 - (18) 296 lf. 18-in. corr. metal pipe;
 - (19) 54 lf. 24-in. do;
 - (20) 38 lf. 36-in. do;
 - (21) 92 lf. relay culvert pipe;
 - (22) 13 c.y. grouted handlaid riprap;
 - (23) 28 each monuments.

Plans and specifications may be obtained from Robt. A. Allen, State Highway Engineer, Carson City, Nev. and from the District office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, of which \$5 will be refunded. * 29

BIDS WANTED

MEDFORD, Jackson Co., Ore.—Until June 3, 7:30 p.m., bids will be received by the City of Medford for

reconstruction, resurfacing and repairing paved streets in the City of Medford. Est. cost, \$32,000. * 29

May 10, 1938
May 10, 1938.

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work, for which bids will be opened in Sacramento on May 25, 1938.

Following is a list of blue prints and prices:

II-Tri-20-E,F—Bet. Big Bar and Junction City. PLANS (Number of Sheets), 26; cost, \$2.60; CROSS-SECTIONS (No. of Sheets), 152; cost, \$15.20; total, \$17.80.

II-Sha-28-A,B—0.8 mi. east of Bella Vista and between Seaman's Gulch and 6.3 mi. east of Ingot; PLANS (No. of Sheets), 23; cost, \$2.30; CROSS-SECTIONS (Number of Sheets), 80; cost, \$8.00; total, \$10.30

X-Mer-4-A—Bet. 5.7 mi. southerly of Merced; PLANS (No. of Sheets), 42; cost, \$4.20; CROSS-SECTIONS (No. of Sheets), 95; cost, \$9.50; total, \$13.70.

X-Sol-7-H—1 mi. southwest of Cordella Underpass; PLANS (No. of Sheets), 5; cost, \$0.50; CROSS-SECTIONS (No. of Sheets), 20; cost, \$2.00; total, \$2.50.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Dept. of Public Works, Division of Highways, and should accompany the order to this office. * 29

May 10, 1938.

BIDS WANTED

ESMERALDA CO., Nev.—Until May 25, 2:15 p.m., bids will be received by the State of Nevada Directors of the Department of Highways, heroes' Memorial Bldg., Carson City, Nevada, for approximately 10.68 mi. highway construction from a point approximately ten mi. south of Blair Junction to Silver Peak. Rte. 47, Section B, Esmeralda Co., Nev.

- Work involves:
- (1) 7767 sq. yd. remove and stockpile gravel surface;
 - (2) 6977 c.y. borrow;
 - (3) 9 c.y. struc. excav.;
 - (4) 660 c.y. type 2 gravel base, 1½-in. size;
 - (5) 107 tons liq. asph., Type MC-2 (seal);
 - (6) 723 tons liq. asph., Type SC-2 (roadmix);
 - (7) 10.68 mi. roadmix;
 - (8) 4 c.y. class B concrete;
 - (9) 61 lbs. reinf. steel;
 - (10) 64 lf. 24-in. vit. pipe;
 - (11) 114 each, culvert markers;
 - (12) 30 each, guide posts;
 - (13) 7767 sq. yds. replace surface.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nev., and from the District Office of the Bureau of Public Rds., Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, \$5.00 of which will be refunded. * 29

BIDS WANTED

SAN LUIS OBISPO CO., Calif.—Until May 24, 2 p.m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for about 4.3 miles highway roadsides to be landscaped between 0.8 mile southeast of Arroyo Grande and Pismo Beach, San Luis Obispo County, Calif.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

May 10, 1938.

STOCKTON, San Joaquin Co., Cal.—Until May 16, 5 p.m. (opened at 8 p.m.), bids will be received by the Stockton City Council, City Clerk, City Hall, for improvement of West Fremont St., from El Dorado to Arriant Sts., in the City of Stockton.

- Work involves:
- PROPOSITION 1**
- (1) 17 days planing;
 - (2) 23,726 sq. yd. exist. pavement;
- PROPOSITION 2**
- (3) 139.37 sq. ft. gutter removed;
 - (4) 438.38 sq. ft. exist. sidewalk removed;
 - (5) 20 c.y. earth excav.;
 - (6) 23 existing manholes and covers raised;
 - (7) 18 new cast iron manhole covers;
 - (8) 123.32 lin. ft. new combined concrete curb and gutter constructed;
 - (9) 19 tons asphalt concrete base pavement;
 - (10) 10 tons liquid asph. paint coat;
 - (11) 2576 tons asphalt covered leveling course and wearing surface course.

Plans and specifications may be obtained from the City Engineer, City Hall, upon deposit of \$5.00. * 29

May 10, 1938.

BIDS WANTED

YUMA CO., Ariz.—Until May 20, 10 a.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Hope-Parker Highway, FL 8-B (1938), AFE 7210. The work, which extends from the town of Parker southeasterly for a distance of about 9.25 miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before October 31, 1938.

- The principal items are:
- (1) 48,800 c.y. roadway excav.;
 - (2) 21,000 lf. grader ditches;
 - (3) 42,200 sta. yds. overhaul;
 - (4) 11,000 c.y. imported borrow (C I P);
 - (5) 33,600 c.y. select material (C I P);
 - (6) 20,800 tons aggregate base course (CIP);
 - (7) 1100 M. gals. sprinkling;
 - (8) 900 hours rolling;
 - (9) 42 c.y. class A concrete;
 - (10) 4,300 lbs. reinf. steel;
 - (11) 914 lf. CMP (3 sizes);
 - (12) 105,300 gals. road oil (SC-4);
 - (13) 1000 c.y. blotter material.

Plans and specifications may be obtained at the office of the State Highway Engineer, Howard S. Reed, Certified or cashier's check for 5% must accompany bid. * 29

May 10, 1938.

BIDS WANTED

STATE OF WASHINGTON.—Until May 24, 10 a.m., bids will be received by the Director of Highways, Lacey V. Murrow, Olympia, Wash., for highway construction, as follows:

Thurston Co.: Paving with Portland cement concrete and asphaltic concrete on about 1.9 mi. of Primary State Highway No. 1 and City Street, Olympia South—Paving and Washington Street Widening between Legion Way and 7th St., in Olympia, Federal Aid Project No. 25 and State Project, in Thurston County, Wash., involving about 21,240 cubic yards of excavation, 8,690 cubic yards of selected roadway borrow, 670 cubic yards of crushed stone surfacing, 44,782 square yards and 81 cubic yards of cement concrete pavement, 19,950 lbs. of steel reinforcing

bars, 1,079 tons of asphaltic concrete pavement, 3,701 linear feet of cable guard rail design No. 6, 50 cubic yards of concrete, 2,123 linear feet of cast iron pipe, 3,416 linear feet of sewer and culvert pipe, and other items.

Whitman Co.: Paving with Portland cement concrete, surfacing with crushed stone, manufacturing and stockpiling mineral aggregates (oil rock) and constructing two reinforced concrete girder bridges on about 1.4 miles of Primary State Highway No. 3, Pullman Overcrossing and Approaches and State College Connection, Federal Aid Grade Crossing Project, No. FAGM 204-B, Federal Aid Secondary Project No. FAS 204-A and State Project, in Whitman County, Wash., involving about 74,819 cubic yards of excavation, 14,200 cubic yards of crushed stone surfacing, 1,560 cubic yards of mineral aggregate (oil rock), 8,875 square yards and 103 cubic yards of cement concrete pavement, 881,500 lbs of steel reinforcing bars, 2,400 pounds of structural steel, 2,522 cubic yards of concrete, 4,139 linear feet of cable guard rail design No. 6, 1,678 linear feet of pipe culverts, and other items.

King Co.: Surfacing and manufacturing and stockpiling surfacing material and mineral aggregates (oil rock) on about 4.6 miles of Primary State Highway No. 15, Stevens Pass Auto Camp to Money Creek Park, Federal Aid Project No. 189-F in King County, Wash., involving about 16,740 cubic yards of crushed stone surfacing, 900 cubic yards of mineral aggregates (oil rock), and other items.

Whitman Co.: Paving with Portland cement concrete of about 0.5 miles of streets on the State College of Washington Campus, Washington State College Campus Paving and Sidewalk, U. S. Public Works Proj. No. Wash. 1505-DS, in Whitman Co., Wash., involving about 5,932 square yards of cement concrete pavement, 1,439 square yards of one-course cement concrete sidewalk, and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

CONTRACTS AWARDED

STATE OF WASHINGTON.—The State Director of Highways, Lacey V. Murrow, Olympia, Wash., received bids and awarded contracts for bridge and highway construction, as follows:

Kittitas Co.: Clearing, grading, surfacing and constructing reinforced concrete "T" beam slab bridges on about 8.4 miles of Primary State Highway No. 2, Virden to Iron Creek, Federal Aid Project No. 295-A, in Kittitas Co., Wash., involving about 82 acres of clearing, 227,985 cubic yards of excavation, 74,560 cubic yards of crushed stone surfacing, 1,825 cubic yards of concrete, 287,610 pounds of reinforcing steel, 39 MFMB of untreated timber and lumber, 2,556 linear feet of pipe culverts, and other items.

Awarded: Elliott & Co., Inc., 2155 Northlake, Seattle, \$288,275.

Other Bidders: Erickson Paving Co., Seattle, \$319,207; Siems-Spokane Co., Spokane, \$349,754; C. L. Creelman, Seattle, \$352,034; Crick & Kune, Spokane, \$359,218; K. L. Goulet, Seattle, \$362,347; Goetz & Brennan, Seattle, \$370,213; Macri Bros. & L. Coluccio, Seattle, \$377,386; A. C. Greenwood Co., Inc., Portland, \$357,150.

Kittitas County: Paving with Portland cement concrete on about 9.0 miles of Primary State Highway No.

3, Section 1, Teanaway Junction to Junction Secondary State Highway No. 3-M; and Primary State Highway No. 2, Section 2, City of Cle Elum Paving Gaps, Federal Aid Projects Nos. 165-E, F & G, and State Project, in Kittitas County, Washington, involving about 31,590 cubic yards of excavation, 61,200 cubic yds. of selected roadway borrow, 4,330 cubic yards of crushed stone surfacing, 100,428 square yards of cement concrete pavement, 101 cubic yards of concrete, 10,500 pounds of structural steel, 25,570 pounds of steel reinforcing bars, 7,564 linear feet of beam type guard rail, 2,056 linear feet of pipe culverts, and other items.

Awarded: Woodworth & Cornell, Inc., 1122 East D St., Tacoma, \$289,553.

Other Bidders: N. Florito, Inc., Seattle, \$291,742; Florito Bros., Inc., Seattle, \$294,927; N. W. Constr. Co., Inc., Seattle, \$318,928; Jos. Warter, Sr., Tacoma, \$347,622; Goetz & Brennan, Seattle, \$349,027; J. H. Collins & Co., Spokane, \$356,389.

Kittitas County: Paving with Portland cement concrete of about 6.1 miles of Primary State Highway No. 3, Junction of Secondary State Highway No. 3-M to Milwaukee Undercrossing, Federal Aid Projects Nos. 165-A, C and E, in Kittitas County, Washington, involving about 24,210 cubic yards of excavation, 41,630 cubic yards of selected roadway borrow, 71,639 square yards of cement concrete pavement, 22,670 pounds of steel reinforcing bars, 21,118 linear feet of reinforced concrete cribbing headers and stretchers, 5,100 linear feet of untreated timber piling, 28 MFMB of untreated timber and lumber, 2,515 linear feet of pipe culverts, and other items.

Awarded: N. Florito, Inc., 844 W. 48th, Seattle, \$200,000.

Other Bidders: Woodworth & Cornell, Inc., Tacoma, \$210,116; Florito Bros., Inc., Seattle, \$216,777; N. W. Constr. Co., Inc., Seattle, \$219,759; J. H. Collins & Co., Spokane, \$249,678; Goetz & Brennan, Seattle, \$259,967.

Whitman County: Constructing 2 reinforced concrete bridges on Primary State Highway No. 3, Union Fire Creek Bridge, and Tieton River Bridge at Colfax, Federal Aid Project No. 35-B, Unit 5, in Whitman County, Washington, involving about 840 cubic yards of excavation, 874 cubic yards of concrete, 192,000 lbs. of steel reinforcing bars, 1,800 lbs. of cast chromium steel, 32 linear feet of pipe culverts, and other items.

Awarded: Roy L. Bair, 1220 Ide Ave., Spokane, \$43,723.

Other Bidders: A. B. Carscallen, Coeur d'Alene, Idaho, \$45,679; S. G. Morin, Spokane, \$48,174; H. F. Stephensen, Seattle, \$49,464.

Yakima County: Grading, surfacing, manufacturing and stockpiling crushed stone surfacing on about 5.2 miles of Primary State Highway No. 5 (White Pass Branch), Rimrock to Tieton Canal Intake, Federal Aid Project No. 211-B, in Yakima Co., Washington, involving about 2,920 cubic yards of excavation, 14,960 cubic yards of ballast, 16,040 cubic yards of crushed stone surfacing, and other items.

Awarded: F. R. Hewett, 420 West 22nd Ave., Spokane, \$29,517.

Other Bidders: Joslin & McAllister, Spokane, \$35,913; H. C. Rogers, Yakima, \$38,045; Max J. Kune, Spokane, \$41,531; Rogers Constr. Co., Tacoma, \$30,725.

Clallam County: Clearing, grading, draining and surfacing of about 4.3 miles of Primary State Highway No. 9, Forks Prairie to Bogachiel River, Federal Aid Project No. 170-E, in Clallam County, Washington, involv-

ing about 20 acres of clearing, 30,930 cubic yards of excavation, 33,100 cubic yards of selected roadway borrow, 9,500 cubic yards of crushed stone surfacing, 75 linear feet of half-round corrugated metal spillway, 800 linear feet of pipe culverts, and other items.

Awarded: Allen & Govan, Olympia, \$63,620.

Other Bidders: K. L. Goulet, Seattle, \$65,991; Macri Bros. & L. Coluccio, Seattle, \$67,993; M. P. Butler, Seattle, \$68,406.

King and Snohomish Counties: Clearing, grading, draining, and surfacing of about 2.9 miles of Secondary State Highway No. 2-B, Lake Forest Park to Junction of Primary State Highway No. 1, Federal Aid Secondary Project No. FAS 14-A, in King and Snohomish Counties, Washington, involving about 5 acres of clearing, 36,740 cubic yards of excavation, 12,770 cubic yards of selected roadway borrow, 5,560 cubic yards of screened gravel surfacing, 2 MFMB of untreated timber and lumber, 86 linear feet of pipe culverts, and other items.

Awarded: Northwest Constr. Co., Inc., 3950 Sixth NW, Seattle, \$34,517.

Other Bidders: L. J. Dowell, Inc., Seattle, \$35,287; N. Florito, Inc., Seattle, \$42,793; Macri Bros., Seattle, \$43,108; Acme Constr. Co., Seattle, \$46,407.

Grant and Adams Counties: Constructing one reinforced concrete girder bridge and five reinforced concrete slab bridges on Primary State Highway No. 18, Neppel to Ritville-Bridges, State Project, in Grant and Adams Counties, Washington, involving about 750 cubic yds. of excavation, 1,151 cubic yards of concrete, 337,000 pounds of steel reinforcing bars, 550 pounds of cast bronze, 16,300 pounds of structural steel, 4,900 linear feet of precast concrete piling, and other items.

Awarded: Warren Northwest, Inc., Box 5072, Portland, \$68,341.

Other Bidders: Roy L. Bair, Spokane, \$72,137; H. C. Malott and R. A. Geary, Seattle, \$84,182; H. S. Stephensen, Seattle, \$84,845; Henry Hagman, Cashmere, \$86,187.

Thurston, Grays Harbor and Mason Counties: Constructing a light concrete surface treatment on about 28.4 miles of Secondary State Highways Nos. 5-I, 1-M and 9-D; section 1, Yelm West; Section 2, Rochester East and Section 3, Junction PSH No. 9 near Whites to Junction PSH No. 9 near Kamlichee, State Project, in Thurston, Grays Harbor and Mason Counties, Washington, involving about 880 tons of bituminous cement, and other items.

Awarded: Diesel Oil Sales Co., 2155 Northlake, Seattle, \$30,877.

Other Bidders: J. F. Forbes, Olympia, \$31,180; Warren Northwest, Inc., Portland, \$34,613; Washington Asphalt Co., Seattle, \$35,478; C. E. Henflot, Tacoma, \$37,031; Standard Asphalt Paving Co., Inc., Spokane, \$34,891. * 29

BIDS OPENED

SAN FRANCISCO.—Daniel C. McCabe, 74 New Montgomery St., at \$225 submitted low bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, for improving sidewalks where damaged at Forest Hill Station, San Francisco.

Total bids follow:
Daniel C. McCabe, 74 New Montgomery St., \$15, total, \$225.

E. J. Treacy, \$2,075, total, \$311.25.
Love & Haun, \$22, total, \$330.
M. J. Lynch, \$24, total, \$360.
M. Bertolino, \$30, total, \$450.

BIDS WANTED

TRINITY COUNTY, Calif.—Until June 1, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 2.2 miles grading, placing imported surfacing material and applying penetration oil treatment between one mile southwest of Hayfork and one-half mile east of Duncan Creek, Trinity County.

Work involves:

- (1) 7 acres clear and grub right of way;
- (2) 18,500 c.y. rdwy. excav., unclass.
- (3) 300 c.y. ditch and channel excav.
- (4) 26,000 sta. yds. overhaul;
- (5) 7,000 c.y. imported borrow;
- (6) 4,500 c.y. imported surf. matl.;
- (7) 700 c.y. struc. excav.;
- (8) 117 sta. finish rdwy.;
- (9) 57 tons liquid asphalt, SC-2;
- (10) 29 tons liquid asphalt, SC-4;
- (11) 140 c.y. sand;
- (12) 5,400 lbs. bar reinf. steel;
- (13) 20 c.y. Class A Portland cement conc. struc.;
- (14) 75 c.y. Class A Portland cement conc. slope pavement;
- (15) 320 lf. 12-in. CMP;
- (16) 368 lf. 18-in. CMP;
- (17) 64 lf. 18-in. CMP siphon;
- (18) 42 lf. 72-in. CMP;
- (19) 3 each 18-in. conc. pipe joints;
- (20) 24 lf. remove and relay exist. culvert pipe;
- (21) 70 lf. remove and salvage do;
- (22) 24 each culvert markers;
- (23) 22 each monuments.

The State will furnish CMP as more explicitly set forth.

Plans and specifications may be obtained from the above office.

BIDS WANTED

WHITMAN CO., Wash.—Until May 21, 10:30 a.m., bids will be received by the Whitman County Board of Commissioners, Court House, Colfax, Wash., for the improvement of 2.311 miles of the Onecho-Almotto Road (County Road Project No. 6).

Work involves:

- (1) 44,050 c.y. Class A excav.;
- (2) 11,400 c.y. solid rock excav.;
- (3) 500 c.y. struc. excav.;
- (4) 8,960 sta. yds. overhaul;
- (5) 8,370 cu. m. overhaul;
- (6) 3,456 c.y. base surf.;
- (7) 2,308 c.y. top surf.;
- (8) 366 M. gal. sprinkling water;
- (9) 10,856 ft. b.m. timber and plank;
- (10) 176 lf. piling;
- (11) 228 lf. 18-in. pipe (metal or concrete);
- (12) 110 lf. 24-in. pipe;
- (13) 118 lf. 30-in. pipe;
- (14) 184 lf. 36-in. pipe;
- (15) 52 lf. 42-in. pipe;
- (16) 68 lf. 72-in. pipe.

Plans and specifications may be obtained from the Whitman County Road Engineer, J. H. Redmond, upon deposit of \$5.00. * 29

BIDS WANTED

NAPA, Napa Co., Cal.—Until May 16, 7:30 P. M., bids will be received by the Napa City Council, Whitfield Griffiths, City Clerk, City Hall, Napa for the improvement of Jefferson St. from the southerly line of E Street to the southerly line of Lincoln Ave. by grading the roadway, constructing cement concrete gutters, salvaging rock and gravel surfacing for the purpose of constructing a sub-base and constructing an asphalt concrete pavement between curbs already constructed in Napa.

Work involves:

- (1) 3,150 c.y. rdwy. excav., inc. salvaging materials for sub-base;
- (2) 2,574 lf. cement conc. gutter;
- (3) 250 tons imported crushed rock;
- (4) 56,330 sq. ft. sub-base construction;
- (5) 56,330 sq. ft. asph. conc. paving.

POLK CO., ORE.—REVETMENT CONSTR.—(Govt.)

POLK CO., Ore.—Edlefsen-Weygandt Co., 9233 N. Peninsular, Portland, at \$43,710, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-477, for blank clearing, bank sloping, gravel filling and gravel excavation in connection therewith and the construction of approx. 2900 feet of rock riprap revetment located in the Eloa Bend District Improvement Co. Polk County.

Work involves:

- (1) 2 acres bank clearing;
- (2) 3600 c.y. bank sloping;
- (3) 9600 c.y. gravel excavation;
- (4) 700 c.y. gravel fill;
- (5) 15,000 c.y. rock riprap, in place.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$200.00	\$100.00	\$450.00	\$150.00	\$100.00	\$225.00	\$250.00	\$400.00	\$270.00
(2).....	.30	.50	.55	.50	.50	.50	.50	1.00	.60
(3).....	.30	.50	.55	.50	.50	.70	1.00	1.00	.60
(4).....	.50	1.00	.90	.50	1.00	.70	1.00	1.00	.60
(5).....	2.60	3.25	3.50	3.67	3.75	3.75	3.95	4.10	4.90

Total bids follow:

- (A) Edlefsen-Weygandt Co., 9233 N. Peninsular, Portland, \$43,710.00.
- (B) Leonard and Slate, Multnomah, \$26,250.00.
- (C) The United Contr. Co., Portland, \$61,290.00.
- (D) J. A. Terteling & Sons, Boise, Idaho, \$62,300.00.
- (E) Bahler Bros., Portland, \$64,350.
- (F) Wren & Greenough, Portland, \$65,710.00.
- (G) Chester T. Malcolm, Portland, \$71,850.00.
- (H) Harold Blake, Portland, \$76,200.00.
- (I) Contracting Officer's estimate, \$68,880.00.

Unit prices follow:

SUN RIVER PROJECT—Earthwork & Structures—(Govt.)

SUN RIVER PROJECT, Mont.—Jack Boyne, 17 Oak St., Council Bluffs, Iowa, at \$25,757.40, submitted low bid to the U. S. Bureau of Reclamation, Fairfield, Mont., under Spec. No. 1059-D, for construction of earthwork and structures for open drains, Greenfields Division, Sun River Project. Work is located near Fairfield, Mont.

Work involves:

- (1) 310,000 c.y. excav. for drains;
- (2) 800 c.y. excav. for strucs.;
- (3) 15,000 c.y. backfill for strucs.;
- (4) 1,200 c.y. puddle backfill about structures;
- (5) 90 c.y. concrete in structures;
- (6) 8,000 lbs. placing reinf. bars;
- (7) 740 lf. laying 15-in. corr. pipe;
- (8) 3,220 lf. laying 24-in. corr. pipe;
- (9) 2 per mi. moving excav. mach.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$0.073	\$0.07	\$0.07	\$0.064	\$0.065	\$0.07	\$0.0725	\$0.07	\$0.085	\$0.085
(2).....	.073	.25	.25	1.00	1.00	.35	.50	.50	.60	1.00
(3).....	.073	.10	.10	.17	.20	.15	.15	.20	.20	.25
(4).....	.10	.10	.25	.37	.40	.25	.50	.40	.60	.50
(5).....	12.00	18.00	17.50	20.00	20.00	25.00	18.00	22.00	19.00	22.00
(6).....	.02	.02	.025	.03	.03	.03	.02	.02	.03	.04
(7).....	.15	.20	.25	.25	.25	.25	.20	.40	.20	.25
(8).....	.15	.25	.35	.32	.50	.35	.25	.40	.40	.40
(9).....	10.00	10.00	10.00	15.00	25.00	10.00	20.00	15.00	10.00	20.00

Plans and specifications may be obtained from the City Engineer, H. A. Harrold, City Hall, Napa. * 29

BIDS OPENED

SAN FRANCISCO.—Love & Haun, 4354 20th St., San Francisco, at \$272,64 submitted low bid to the Department of Public Works, Room 251, City Hall, for construction of sidewalks on west side of 19th Avenue between Sigmund Stern Memorial Grove and 266.5 ft. northerly.

Complete bids follow:

- Love & Haun, 4354 20th St., \$128 per ft., total, \$272.64.
- E. J. Treacy, \$14, total, \$298.20.
- Chas. L. Harney, \$15, total, \$319.50.
- D. C. McCabe, \$16, total, \$340.80.
- Dept. of Public Works, \$16, total, \$340.80.
- Sibley Grading & Teaming Co., Ltd., \$188, total, \$400.44. * 29

BIDS WANTED

JEFFERSON CO., Wash.—Until May 20, 10 a.m., bids will be received by the Jefferson County Engineer, Wm. Bugge, Port Townsend, Wash., for oiling County Road, Project No. 4, Unit A, Hadlock, Chira-

Total bids follow:

- (A) Jack Boyne, 17 Oak St., Council Bluffs, Iowa—\$25,757.40.
- (B) Powell Constr. Co., Missoula, Mont.—\$26,273.
- (C) E. O. Howe, Glasgow—\$26,807.
- (D) Dan Peters & Co., Inc., Riverside, Cal.—\$26,919.40.
- (E) J. A. Terteling & Sons, Boise, Idaho—\$29,315.
- (F) Barnard Curtis Co., Minneapolis, Minn.—\$28,352.
- (G) Williams & Douglas, Kalispell, Mont.—\$28,498.
- (H) T. G. Rolland, Salt Lake City, Utah—\$29,591.60.
- (I) Clifton & Applegate, Spokane, Wash.—\$34,030.
- (J) L. A. Woodward, Great Falls—\$35,313.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$0.073	\$0.07	\$0.07	\$0.064	\$0.065	\$0.07	\$0.0725	\$0.07	\$0.085	\$0.085
(2).....	.073	.25	.25	1.00	1.00	.35	.50	.50	.60	1.00
(3).....	.073	.10	.10	.17	.20	.15	.15	.20	.20	.25
(4).....	.10	.10	.25	.37	.40	.25	.50	.40	.60	.50
(5).....	12.00	18.00	17.50	20.00	20.00	25.00	18.00	22.00	19.00	22.00
(6).....	.02	.02	.025	.03	.03	.03	.02	.02	.03	.04
(7).....	.15	.20	.25	.25	.25	.25	.20	.40	.20	.25
(8).....	.15	.25	.35	.32	.50	.35	.25	.40	.40	.40
(9).....	10.00	10.00	10.00	15.00	25.00	10.00	20.00	15.00	10.00	20.00

Plans, Ironclads, Rods and Chevy Chase roads, Unit B, Port Townsend City Streets, involving 15.15 miles of light bituminous treatment and non-skid seal treatment.

Plans and specifications obtainable at above office upon deposit of \$5.00; 5% bid security. * 29

BIDS WANTED

AMADOR CO., Cal.—Until May 23, 1:30 p.m., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for furnishing and applying liquid asphalt on about 5.5 miles between 0.3 mile east of Plymouth and Fiddietown, Amador County. Work involves: 272 tons liquid asphalt, SC-3.

Plans and specifications may be obtained from the above office. * 29

LOW BIDDER

YERBA BUENA SHOALS.—Parish Bros., 1222 Cowper St., Hollywood at \$45,880 submitted low bid to the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 180, for construction of service roads on Yerba Buena Shoals. * 29

GRAHAM CO., ARIZ.—Highway Construction—(State)

GRAHAM CO., Ariz.—W. E. Hall Co., Title & Trust Bldg., Phoenix, at \$100,452.82 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on FA 77-B (1938), AFE 7007. The work, which begins about 11 1/2 miles east of Solomonville and extends easterly about 6.75 miles, consists of grading and draining over a new alignment and is to be completed on or before Jan. 31, 1939.

The items are:

- (1) 65,820 c.y. rdwy. excav., unclass.
- (2) 8,753 c.y. drainage do;
- (3) 1,910 c.y. struc. do;
- (4) 132,139 sta. yds. overhaul;
- (5) 2,480 c.y. mile haul;
- (6) 129,315 c.y. imp. borrow, CIP;
- (7) 1,621 hours rolling;
- (8) 1,045 c.y. Class A conc., including cement;
- (9) 294 c.y. Class D do;
- (10) 171,792 lbs. reinf. steel bars, CIP
- (11) 7,086 lbs. struc. steel, CIP;

- (12) 456 ft. 18-in. CMP (CIP except excavation);
- (13) 546 ft. 24-in. do;
- (14) 58 ft. 30-in. do;
- (15) 332 ft. 36-in. do;
- (16) 240 c.y. plain riprap (CIP);
- (17) 62 guide posts (CIP);
- (18) 42 t/w markers, type A (CIP);
- (19) 20 steel jetties, type "2" std. "A" or "B" (CIP).

The total bids were:

- (A) W. E. Hall Const. Co., Phoenix, \$100,452.82.
- (B) Warren-Southwest, Inc., L. A., \$101,703.79.
- (C) Geo. W. Orr, El Paso, \$102,950.41.
- (D) Pearson & Dickerson, Prescott, Ariz., \$105,991.73.
- (E) Phoenix-Tempe Stone Co., Phoenix, \$107,321.73.
- (F) Skousen Bros., Albuquerque, N. M., \$129,231.09.
- (G) L. R. Allison, Albuquerque, N. M., \$157,117.04.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 20	\$ 20	\$ 20	\$ 24	\$ 24	\$ 25	\$ 50
(2).....	.15	.20	.24	.24	.20	.25	.50
(3).....	.75	.75	.90	.90	.90	.80	1.00
(4).....	.01	.015	.0155	.01	.01	.015	.02
(5).....	.25	.30	.25	.24	.23	.24	.30
(6).....	.30	.30	.24	.27	.29	.48	.45
(7).....	2.40	2.60	3.00	3.25	2.75	2.25	3.25
(8).....	18.00	18.00	23.00	19.00	21.00	19.00	23.00
(9).....	18.00	18.00	24.50	20.00	21.50	20.00	25.00
(10).....	.052	.05	.05	.055	.055	.048	.053
(11).....	.15	.15	.15	.16	.13	.13	.20
(12).....	1.75	1.75	2.00	3.00	1.70	1.75	2.00
(13).....	2.65	2.50	2.75	3.75	2.50	2.55	3.00
(14).....	3.25	3.50	3.50	4.75	3.25	3.20	5.00
(15).....	5.00	5.00	5.50	6.50	5.00	4.75	6.50
(16).....	2.40	3.00	4.00	2.00	1.75	2.00	6.00
(17).....	2.40	2.50	3.00	2.00	2.50	2.00	3.50
(18).....	2.40	3.00	3.50	2.50	2.50	2.50	4.00
(19).....	45.00	42.00	42.00	70.00	45.00	60.00	100.00

30—RESERVOIRS & DAMS

CONTRACT AWARDED

BLACHLY, Lane Co., Ore.—Bennett & Taylor, 598 San Fernando Rd., Los Angeles, Cal., at \$55,177 (using 26-inch creosoted wood stave pipe), were awarded contract by the Blachly Lane County Cooperative Electric Association, for construction of a timber crib dam in Lake Creek below Triangle Lake. * 30

LOW BIDDERS

MARION CO., Ore.—Jacobsen-Jensen, 517 NE Stanton, Portland, at \$121,270 (1), and Parker-Schram Co., Couch Bldg., Portland, at \$135,900 (2), submitted low bids to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-38-479, for (1) the construction of approximately 5500 feet of rock riprap revetment at Weston Bend in Horseshoe Lake District Improvement Company; and (2) 6200 feet of rock riprap revetment at Ditmars Bend in Ditmars Bend District Improvement Company, Marion County, Oregon.

Complete bids will be published shortly.

LOW BIDDER

POLK CO., Ore.—Edlefsen-Weyandt Co., 9233 N. Peninsula, Portland, at \$43,710, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-38-477, for bank clearing, bank sloping, gravel filling and gravel excavation in connection therewith and the construction of approximately 2900 feet of rock riprap revetment located in the Eola Bend District Improvement Co., Polk County.

Complete bids will be published shortly. * 30

32—SEWERS & SEWAGE DISPOSAL PLANTS

TO PREPARE PLANS

SANTA PAULA Ventura Co., Cal.—Harry N. Jenks, 2701 Benvenue Ave., Berkeley, has been retained by the Santa Paula city council as consulting engineer, to prepare plans and supervise the construction of the city's proposed new sewage disposal plant. Mr. Jenks had previously recommended to the council that the city build a rapid filter type plant. S. Gerald Bennett, city engineer, was authorized by the council to prepare plans and supervise construction of new lines to the plant.

Work has already started on nine settling basins in the Santa Clara river bed and a flume to conduct sewage to them from the stub end of the present line. Total estimated cost is \$2064.74. The project includes 1460 ft. of redwood flume, 300 ft. of wooden trestle, nine settling basins and 500 c.y. excavation.

The proposed new outfall line is estimated to cost \$35,295.48. It will consist of a 24-in. line which will conduct the sewage from the present outlet to the proposed new plant near Acacia Rd. The principal item in the estimate is \$18,720 for 7209 ft. of 24-in. vitrified pipe. Other items are: 50 wye branches, \$850; 6000 c.y. trench excavation, \$6000; 14 manholes, \$1400; 12,000 sq. ft. of pavement replacement, \$2400; 5400 sq. ft. oil and gravel pavement replacement, \$540; 10% for contingencies, \$2971; 8% for engineering, \$2,614.48. * 32

BOND ELECTION

CONTRA COSTA CO., Cal.—Bella Vista Sanitary District of Contra Costa County will vote May 24 on a proposal to issue bonds in amount

MARION CO., ORE.—REVETMENT CONSTRUCTION

MARION CO., Oregon.—Jacobsen-Jensen, 517 NE Stanton, Portland, at \$121,270 (Sec. A) and Parker-Schram Co., Couch Bldg., Portland, at \$135,900 (Sec. B) submitted low bids to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-38-479, for (1) the construction of approximately 5500 ft. of rock riprap revetment in Weston Bend in Horseshoe Lake District Improvement Co.; and (2) 6200 ft. of rock riprap revetment at Ditmars Bend in Ditmars Bend District Improvement Co., Marion County, Ore.

Work involves:

Section A—Weston Road

- (1) 5 acres bank clearing;
 - (2) 8200 c.y. bank sloping;
 - (3) 18,700 c.y. gravel excavation;
 - (4) 11,100 c.y. gravel fill;
 - (5) 32,500 c.y. riprap rock, in place.
- Section B—Ditmars Bend**
- (6) 5 acres bank clearing;
 - (7) 10,000 c.y. bank sloping;
 - (8) 19,900 c.y. gravel excavation;
 - (9) 13,100 c.y. gravel fill;

- (10) 35,000 c.y. riprap rock, in place.

Total bids follow:

- (A) Jacobsen-Jensen, 517 NE Stanton, Portland, (Sec. A) \$121,280 (Sec. B) no bid.
- (B) Parker-Schram Co., Portland, (Sec. A) \$134,955; (Sec. B) \$135,900.
- (C) Sam Orino, Portland, (Sec. A) \$126,125; (Sec. B) \$136,750.
- (D) Babler Bros., Portland, (Sec. A) \$132,745; (Sec. B) \$147,415.
- (E) Kern & Kibbe, Portland, (Sec. A) \$137,935; (Sec. B) \$149,150.
- (F) Kuckenberg Const. Co., Portland, (Sec. A) \$138,475; (Sec. B) \$150,050.
- (G) J. A. Terteling & Sons, Boise, Ida. (Sec. A) \$147,475; (Sec. B) \$153,850.
- (H) Joplin & Eldon, Portland, (Sec. A) \$163,660; (Sec. B) no bid.
- (I) Harold Blake, Portland, (Sec. A) \$167,390; (Sec. B) \$177,795.
- (J) Contracting Officer's estimate, (Sec. A) \$166,306.25; (Sec. B) \$175,325.

Unit prices follow:

Section A—Weston Road										
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
(1).....	\$200.00	\$500.00	\$300.00	\$200.00	\$330.00	\$150.00	\$400.00	\$400.00	\$215.00	
(2).....	.40	.20	.50	.50	.35	.50	.50	.75	.60	
(3).....	.40	.30	.50	.35	.30	.50	.35	.40	.60	
(4).....	.35	.30	.50	.50	.30	.50	.50	.40	.60	
(5).....	3.25	3.75	3.25	3.54	3.85	3.63	3.93	4.51	4.55	4.38 1/2
Section B—Ditmars Bend										
(6).....	.20	.30	.50	.50	.35	.50	.50	.75	.60	
(7).....	.30	.30	.35	.30	.50	.50	.50	.40	.60	
(8).....	.30	.30	.50	.50	.30	.50	.50	.35	.60	
(9).....	.30	.30	.50	.50	.30	.50	.50	.40	.60	
(10).....	3.50	3.25	3.64	3.85	3.63	3.76	3.93	4.45	4.23 1/2	

STIPULATIONS: Kuckenberg Const. Co., Kern & Kibbe, and Sam Orino all stipulated that they would not accept Section A or Section B alone, but would accept Sections A and B as one contract.

of \$15,500, proceeds to finance the construction of a septic tank and main outfall sewer. 32

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until May 23, 2 P. M., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, District VII, 808 State Bldg., Los Angeles, for constructing sewers between Arroyo Drive and Meridian Ave. in South Pasadena.

Work involves:

- (1) 2,300 c.y. struc. excav.;
- (2) 6 each, manholes, type A;
- (3) 3 each, manholes, type B;
- (4) 1 each, manhole, type C;
- (5) 2 each, junction chambers;
- (6) 1 each, drop manhole;
- (7) 1 each, flush tank;
- (8) 6 each, reconstructing existing manholes;
- (9) 1 each, adjust existing manhole to grade;
- (10) 40 lf. 6-in. vit. clay pipe;
- (11) 1070 lf. 8-in. do;
- (12) 780 lf. 10-in. do;
- (13) 60 lf. 12-in. do;
- (14) 200 lf. 24-in. cast iron pipe.

Plans and specifications may be obtained from the above office. 22

CONTRACT AWARDED

LOS ANGELES, Cal.—Artukovich Bros., 7320 N. Atlantic Ave., Hynes, at \$18,396.67 were awarded contract by the Los Angeles board of public works for constructing a sanitary sewer in Amar St. and Hanford St. Sewer District, under 1911 Act. 32

33— WATER WORKS

CONTRACT AWARDED

YERBA BUENA SHOALS.—M. J. Lynch, 1435 Church St., San Francisco, at \$8,668, was awarded contract by the San Francisco Exposition Company, 585 Bush St., San Francisco, under Contract No. 182, for pipe line changes on Avenues 104 and K. 33

34— PARKS AND PLAY-GROUNDS

BIDS WANTED

ALHAMBRA, Los Angeles Co., Cal.—Until May 23, 5 p.m., bids will be received by the Alhambra Board of Education for improvement of play grounds at the Granada School, located on S. Granada Ave., Alhambra, and at the Ynez School, located at Garvey and Ynez Sts., Monterey Park, in accordance with plans and specifications on file at the office of the secretary, Geo. L. Yeland, at 601 N. Garfield Ave., Alhambra, upon deposit of \$10. Certified or cashier's check or bid bond for 5%.

The work involves:

- (1) 189,000 sq. ft. premix pavement, about 1½ in. thick;
- (2) 3,065 lin. ft. header;
- (3) 786 sq. ft. 6-in. conc. paving;
- (4) 1,400 c.y. cut and fill;
- (5) 87 ft. concrete wall;
- (6) 20 sq. ft. conc. walk.

Plans have been issued to the following:

W. P. Powell, 3050 Gilroy St., Los Angeles.

Nordloff & Miller, 2133 Clifford St., Los Angeles. 34

35— TUNNELS

CONTRACT AWARDED
CENTRAL VALLEY PROJECT.—

Colonial Const. Co., 326 First Street, Spokane, Wash., at \$426,475 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under

LOS ANGELES CO.—Grading & Surfacing—(State)

LOS ANGELES CO., Cal.—George R. Curtis Paving Co., 2100 E. 25th St., Vernon, at \$34,413.50, submitted low bid to the State Div. of Highways, C. H. Purcell, State Highway Eng'r, State Bldg., Los Angeles, for about 1.5 mi. grading, widening with Portland cement concrete and plant-mix surfacing between Philadelphia St. and Painter Ave., Los Angeles Co., Cal.

Work involves:

- (1) 500 M. gals. water;
- (2) 16 c.y. remove concrete;
- (3) 9,000 c.y. roadway excav., without class;
- (4) 30 c.y. struc. excav.;
- (5) 30,000 sta. yds. overhaul;
- (6) 2,500 c.y. import subgrade material;
- (7) 16,000 sq. yds. preparing subgrade;
- (8) 78 sta. finishing roadway;
- (9) 7 tons liq. asph., SC-2 (prime coat);
- (10) 1,150 tons mineral aggregate plant-mix surf.;
- (11) 60 tons liq. asph., ROMC-4 or ROMC-5 (plant-mix surf.);
- (12) 3,280 c.y. class B portland cement concrete pavement;

- (13) 5,800 each, pave. dowels;
- (14) 11,000 lbs. bar reinf. steel;
- (15) 125 lbs. misc. iron and steel;
- (16) 2 c.y. class A portland cement concrete curbs;
- (17) 36 lf. 18-in. CMP;
- (18) 12 lf. 24-in. CMP;
- (19) 245 c.y. class A portland cement conc. curbs, gutters and sidewalks.

Total bids follow:

- (A) Geo. R. Curtis Paving Co., 2100 E. 25th St., Vernon—\$34,413.50.
- (B) J. E. Haddock, Ltd., Pasadena—\$35,196.25.
- (C) Griffith Co., L. A.—\$35,991.25.
- (D) Vido Kovacevich, South Gate—\$36,777.50.
- (E) Oswald Bros., L. A.—\$37,910.65.
- (F) L. A. Paving Co., L. A.—\$37,976.80.
- (G) Bebek & Brkich, L. A.—\$40,700.50.
- (H) C. R. Butterfield-Kennedy Co., San Pedro—\$40,721.
- (I) United Concrete Pipe Corp., L. A.—\$41,283.75.
- (J) Matich Bros., Elsinore—\$42,853.
- (K) W. E. Hall Co., Alhambra—\$43,868.65.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$1.60	\$1.00	\$1.00	\$0.50	\$1.15	\$1.05	\$0.675	\$2.20	\$1.00	\$1.40	\$1.50
(2).....	2.00	4.00	3.00	4.00	7.00	1.75	4.00	4.00	3.50	4.00	3.00
(3).....	.27	.35	.40	.45	.34	.35	.60	.50	.50	.45	.58
(4).....	1.00	1.25	2.00	1.50	.90	1.25	1.00	2.00	1.00	1.00	1.25
(5).....	.01	.005	.01	.003	.004	.01	.003	.01	.02	.005	.01
(6).....	.55	.50	.60	.65	.60	.65	.65	.80	.58	.70	.80
(7).....	.09	.09	.09	.09	.09	.12	.125	.13	.12	.11	.10
(8).....	5.00	5.00	4.50	2.00	3.50	6.00	5.00	8.00	10.00	12.00	12.00
(9).....	11.00	15.00	11.50	8.00	12.50	13.00	12.00	12.50	15.00	10.00	12.00
(10).....	2.40	2.35	2.35	2.25	3.30	2.25	3.00	2.40	3.10	2.50	2.25
(11).....	12.00	11.00	10.00	10.00	10.00	10.50	12.00	14.00	15.00	12.00	12.00
(12).....	6.25	6.35	6.45	6.80	6.80	6.80	6.85	6.75	6.85	7.70	7.93
(13).....	.12	.125	.11	.11	.12	.14	.13	1.14	.15	.11	.13
(14).....	.07	.10	.065	.05	.07	1.0	.08	.08	.08	.07	.09
(15).....	.20	.21	.19	.20	1.19	.23	1.16	.22	.21	.20	.21
(16).....	25.00	30.00	35.00	25.00	25.00	30.00	12.50	30.00	22.50	25.00	24.00
(17).....	2.00	1.90	2.00	2.50	1.90	2.30	2.00	2.50	2.50	2.00	2.00
(18).....	3.50	3.30	3.75	3.00	3.50	3.50	4.00	3.00	3.50	3.00	3.50
(19).....	9.00	9.00	9.80	10.00	11.00	10.25	10.50	11.50	12.00	14.00	10.50

SAN FRANCISCO—Constr. Walks, Elec. Serv., Etc.—(City)

SAN FRANCISCO.—L. Ubels, Box 181, Ripon, at \$12,357.75, submitted low bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy Water Supply Contract No. 175 for constructing concrete walks, water services, electric services and sewer services at Moccasin and Priest.

The work involves:

- (1) 100 c.y. excavation;
- (2) 1300 c.y. grading;
- (3) 120 c.y. gravel surf. on roads;
- (4) 4400 sq. ft. concrete walls;
- (5) 55 c.y. concrete walls, stairs, etc.
- (6) 1000 lbs. reinforcing steel;
- (7) fences, lump sum;
- (8) fire protection system at Moccasin, lump sum;
- (9) drainage system for Moccasin cottages, lump sum;
- (10) sewer system for Priest cottage, lump sum;

- (11) water supply system at Priest, complete except work included in items 12, 13 and 14, lump sum;
- (12) 4200 lf. 1½-in. pipe line;
- (13) 230 lf. 2-in. pipe line;
- (14) 1000 lf. 3-in. pipe line;
- (15) electric supply systems at Moccasin and Priest, lump sum.

Total bids follow:

- (A) L. Ubels, Box 181, Ripon—\$12,357.75.
- (B) S. C. Giles, Stockton—\$12,515.33.
- (C) M. J. Lynch, San Francisco—\$12,964.
- (D) Underground Constr. Co., Berkeley—\$14,201.
- (E) MacDonald & Kahn Co., Ltd., San Francisco—\$14,860.
- (F) E. T. Lesure, Oakland—\$14,977.
- (G) Williams Bros. & Haas, Inc., San Francisco—\$15,391.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 3.00	\$ 2.85	\$ 1.00	\$ 1.50	\$ 3.50	\$ 2.00	\$ 2.47
(2).....	.85	.70	.40	1.00	1.50	1.00	.89
(3).....	1.90	1.72	1.00	1.00	1.50	2.00	2.30
(4).....	.225	.21	.20	.30	.20	.25	.25
(5).....	16.75	16.60	30.00	30.00	27.00	22.00	24.10
(6).....	.075	.54	.07	.08	.10	.08	.10
(7).....	410.00	425.00	400.00	600.00	500.00	600.00	540.00
(8).....	446.00	424.35	1000.00	600.00	550.00	700.00	530.00
(9).....	140.00	110.40	275.00	200.00	225.00	200.00	100.00
(10).....	975.00	756.52	800.00	1100.00	900.00	1000.00	1130.00
(11).....	1115.00	766.91	1000.00	1000.00	1300.00	1078.00	1123.00
(12).....	.40	.58909	.50	.60	.55	.515	.62
(13).....	.75	1.5385	.65	.70	1.00	1.20	.90
(14).....	.84	1.081	.90	.90	1.10	1.43	.90
(15).....	3060.00	2830.71	3000.00	2500.00	2800.00	2800.00	4052.00

Spec. No. 777, for the construction of the diversion tunnel and temporary relocation of the Southern Pacific Railroad at Shasta Dam, Kennett Division, Central Valley Project. 35

SAN FRANCISCO CO. PERMITS UNDER \$1600

ALTER flats, \$850; 316 Missouri; owner, M. Rainieri, prem.; contractor, D. Cappelletti, 667 Hampshire St.

ALTER dwelling, \$750; 2032 Judah; owner, C. Bourman, prem.; contractor, John Newton, 2029 Kirkham St.

ALTER garage, \$400; W Hyde 42 S Greenwich St.; owner, W. F. Corde, 126 Post St.; engineer, W. Adrian, 417 Market St.

SIGN, electric, \$90; 2050 Van Ness; owner, Grisons, prem.; contractor, Elec. Prod. Corp., 918 Harrison St.

FLUE, \$15; 2115 Turk St.; owner, M. Douppick, prem.; contractor, Empire Heating Co., 2707 Geary.

ALTER laundry, \$150; 491 Natoma; owner, S. Chung, prem.; contractor, S. A. Giusti & Co., 200 Green.

SIGN, electric, \$200; 243 Golden Gate Ave.; owner, B. P. Shearer Co., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$100; 508 O'Farrell; owner, J. Rosen, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$950; 1456 Portola Drive; owner, Wm. Nasser, 1456 Portola Dr.; contractor, Grant-Martinelli Const. Co., 44 Montgomery St.

ALTER dwelling, \$350; 1450 Revere St.; owner, S. J. Field, premises; contractor, National Roofing & Siding Co., 2172 Market St.

ALTER flats, \$300; 2625 Hyde St.; owner, Salvatore Barruso, prem. SIGN, electric, \$75; 2050 Van Ness; owner, Grisons, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER studio, \$400; 124 Lily St.; owner, Chas. D. Grolle, 676 Geary.

BILLBOARD, \$13; E West Portal 300 N 14th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$165; 527 Post St.; owner, M. Z. Lewis, premises.

ALTER dwelling, \$275; 2222-A 23rd St.; owner, Sala & Sala, 3090 16th Street.

ALTER dwelling, \$200; 708 Douglass St.; owner, J. A. McCleghan, premises.

ALTER flats, \$50; 2301 24th Street; owner, P. Sirinaico, 590 Naples.

ALTER dwelling, \$75; 4115 20th St.; owner, Max Sieg, premises.

SIGN, electric, \$380; 1250 Market; owner, Ray M. Lindsay, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$175; 209 Mason St.; owner, Jas. W. Reid, premises; contractor, J. K. Herzog, 370 Van Ness Ave. South.

SIGN, electric, \$200; 2961 24th St.; owner, Royal Arms Cafe, prem.; contractor, Western Neon Lite Co., 45 Fremont St.

SIGN, electric, \$150; 5298 Mission St.; owner, H. Kruger, premises; contractor Wonderlite Neon Prod. Co., 170 Otis St.

GARAGE, frame, \$60; 817 36th Ave.; owner, Lina E. Barstow, prem.

SIGN, electric, \$390; 580 Geary St.; owner, The Criterion, premises; contractor, Evansfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, \$250; 2742 Mission; owner, E. Troxel, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

MOFFETT FIELD—WATER LINE—(Govt.)

MOFFETT FIELD, Cal.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$87,980, submitted low bid to Col. H. E. Pitz, Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco, under Bid No. W 6616-38-17, for construction and completion of a 10-inch water supply line at Moffett Field.

Work involves:
 (1) Construction and completion of 10-inch water supply main, from and including the connection with the Post water distribution system, to and including the connection with the San Francisco Water Co.'s 36-inch main, together with all necessary appurtenances thereto, including service charge, based upon using 10-inch cast iron, cement lined pipe, with the exception of short sections at bridges, railroads, etc., where steel pipe is required;

(2) Construction and completion of the 10-inch water supply main, from and including the connections with the Post water distribution system, to and including the connections with the San Francisco Water Co.'s 36-inch main, together with all necessary appurtenances thereto, including service charge, based upon using 10-in. steel pipe, inside lined and outside coated with coal tar pitch enamel;

(3) Construction and completion of the 10-inch water supply main, from and including the connections with the Post water distribution system, to and including the connections with the San Francisco Water Co.'s 36-in. main, together with all necessary appurtenances thereto, including service charge, based upon using 10-in. steel pipe, cement lined, and outside coated with coal tar pitch enamel.

(4) Unit prices:

- (a) earth excavation, per c.y.;
- (b) rock excavation, per c.y.;
- (c) wet excavation, per c.y.;
- (d) concrete in place (inc. forms), per c.y.;
- (e) steel bars, reinf., in place, per 100 lbs.;

- (f) steel wire fabric, per 100 lbs.;
- (g) 10-in. cast iron, cement lined pipe in place, inc. excav. and backfill, per lf.;
- (h) 10-in. steel coal tar pitch lined and outside coated pipe in place, inc. excavation and backfill, per lf.;
- (i) 10-in. steel, cement lined and coal tar pitch outside coated pipe in place, including excavation and backfill, per lf.;
- (j) cast iron fittings, per lb.;
- (k) malleable iron fittings, per lb.
- (l) 10-in. bolted sleeve type coupling, each;
- (m) 10-in. flanged gate valve in place, each;
- (n) 10-in. hub end and gate valve in place, each;
- (o) 10-in. welded steel pipe fittings, per lb.;
- (p) sheeting left in place, M. ft. BM.

Total bids follow:

- (A) W. J. Tobin, 3701 Balfour Ave., Oakland—\$87,980.
- (B) E. C. Nickel, Los Angeles—\$89,300.00.
- (C) J. A. Fazio and McGuire & Hester, Oakland—\$90,546.
- (D) Underground Constr. Co., Berkeley—\$92,595.
- (E) Macco - Robertson, Ltd., Clearwater—\$92,760.
- (F) Harvey E. Conner, Redwood City—\$94,410.
- (G) The Lowrie Paving Co., Inc., San Francisco—\$94,936.
- (H) Williams Bros. & Haas, Inc., San Francisco—\$95,410.
- (I) Robert B. McNair, Oakland—\$95,440.
- (J) Earl W. Heple & Smith, S. F.—\$95,950.
- (K) Earl W. Heple, San Jose—\$96,795.
- (L) Herman Lawson Co., S. F.—\$98,993.
- (M) E. J. Treacy, S. F.—\$102,400.
- (N) M. J. Lynch, S. F.—\$107,701.
- (O) A. Soda & Son, Oakland—\$109,231.88.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	87,980.00	89,300.00	90,546.00	92,595.00	92,760.00	94,410.00	94,936.00
(2).....	111,000.00	109,000.00	108,216.00	.....	.....	110,144.00	.....
(3).....	119,500.00	124,000.00	122,976.00	.....	.....	124,250.00	.....
(4a).....	1.50	.25	1.50	1.25	1.50	.80	1.10
(b).....	5.00	5.00	4.00	5.00	4.00	6.00	3.00
(c).....	4.50	5.00	1.50	5.00	3.00	4.00	2.50
(d).....	22.00	25.00	25.00	25.00	20.00	25.00	25.00
(e).....	6.00	10.00	6.00	6.00	10.00	10.00	.08
(f).....	32.00	3.00	10.00	6.00	10.00	15.00	.08
(g).....	2.22	2.20	3.00	3.00	2.50	2.44	2.19
(h).....	3.00	3.00	3.50	4.00	4.00	2.93	3.70
(i).....	3.40	3.50	4.25	4.50	4.00	3.40	3.30
(j).....	.08	.08	.06	.08	.10	.10	.14
(k).....	.12	.08	.15	.10	.20	.20	.18
(l).....	4.50	4.00	4.25	12.00	10.00	5.00	15.00
(m).....	67.50	80.00	75.00	90.00	100.00	75.00	80.61
(n).....	65.00	75.00	74.00	90.00	100.00	50.00	75.61
(o).....	.12	.10	.18	.10	.30	.25	.20
(p).....	40.00	30.00	35.00	20.00	50.00	35.00	50.00

Item Nos. (1) to (4p), inclusive, appertain to tabulation below:

	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
95,410.00	95,440.00	95,950.00	96,795.00	95,993.00	102,400.00	107,701.00	109,231.88	.....
110,719.00	110,215.00	.....	.....	.....	.....	125,074.00	.....	.....
129,098.00	124,792.00	.....	.....	.....	.....	142,000.00	.....	.....
1.00	1.00	.40	.90	.25	1.00	.50	.16	.....
6.00	4.00	2.00	3.50	5.00	2.50	2.00	4.00	.....
4.00	5.00	3.00	3.00	2.00	1.50	1.50	4.00	.....
25.00	20.00	30.00	25.00	30.00	18.00	20.00	22.00	.....
6.00	7.50	5.00	7.00	7.00	5.00	6.00	.07	.....
10.00	10.80	6.00	8.00	12.00	3.00	10.00	.07	.....
2.50	2.50	4.00	2.25	2.50	3.40	2.15	3.40	.....
3.10	3.50	.....	.....	4.00	5.50	2.65	.....	.....
3.40	4.00	.....	3.50	5.00	.....	3.11	.....	.....
.20	.07	.20	.07	.25	.12	.12	.25	.....
.20	.12	.20	.15	.30	.20	.20	.35	.....
8.00	8.00	15.00	10.00	20.00	14.00	4.50	15.00	.....
90.00	66.00	75.00	74.00	100.00	65.00	63.00	80.00	.....
85.00	64.00	70.00	68.00	106.00	65.00	58.00	80.00	.....
.25	.75	.....	.....	2.00	.15	.30	.25	.....
80.00	40.00	20.00	39.00	40.00	20.00	20.00	25.00	.....

- A) Begin in 40 days; complete in 150 days.
- B) Begin in 30 days; complete in 120 days.
- C) Begin in 10 days; complete in 140 days.
- D) Begin in 30 days; complete in 200 days.
- E) Begin in 60 days; complete in 45 days.
- F) Begin in 30 days; complete in 120 days.
- G) Begin in 60 days; complete in 100 days.
- H) Begin in 30 days; complete in 120 days.
- I) Begin in 10 days; complete in 180 days.
- J) Begin in 45 days; complete in 100 days.
- K) Begin in 20 days; complete in 100 days.
- L) Begin in 5 days; complete in 260 days.
- M) Begin in 5 days; complete in 210 days.
- N) Begin in 5 days; complete in 180 days.
- O) Begin in 10 days; complete in 100 days.

SAN FRANCISCO—Constr. & Widen Third Street—(City)

SAN FRANCISCO.—The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$57,101, submitted low bid to the Dept. of Public Works, William H. Worden, Director, Room 51, City Hall, under Spec. No. 19111, to reconstruct and widening Third St., from Howard to Channel Sts., by reducing sidewalks to ten feet, construction of concrete parking lanes, and resurfacing roadway.

Estimated cost, \$77,000.

The work involves:

- (1) 4,600 lf. stone curb reset;
- (2) 1,100 sq. ft. stone curb redressed;
- (3) 800 lf. armored concrete curb;
- (4) 900 lf. new granite curb in place (6-in., tangent);
- (5) 52 each, brick catchbasins, moved and reconstructed;
- (6) 1 each, brick catchbasin, reconstructed with manhole frame & cover;
- (7) 3 each, brick catchbasins, complete;
- (8) 80 lf. 10-in. VCP culvert, in place;
- (9) 9 each, manhole frames and covers installed;
- (10) 20 each, low pressure fire hydrants moved;
- (11) 13 each, high pressure fire hydrants moved;
- (12) 4,000 lbs. furnish cast iron pipe for high pressure hydrants;
- (13) 1,000 lbs. furnish cast-iron specials;
- (14) 1,000 lbs. furnish cast steel specials;
- (15) 1,500 lbs. furnish lead;
- (16) 30 c.y. high pressure hydrant excavation;

- (17) 2,100 lbs. wrought iron bolts, nuts and washers;
- (18) 10 each, street and traffic signs reset;
- (19) 5 each, electric traffic signals relocated;
- (20) 8 each, police and fire alarm boxes relocated;
- (21) 6 each, electrolliers relocated;
- (22) 8,600 lf. 1½-in. conduit, in place;
- (23) 120,000 sq. ft. asphaltic wearing surface removed;
- (24) 30,000 sq. ft. pavement base removed;
- (25) 47,000 sq. ft. 8-in. Class "E" 5-sack concrete pavement, parking lane;
- (26) 1,900 tons asphaltic conc. wearing surface, in place;
- (27) 1,500 tons asphaltic conc. base course, in place;
- (28) 7,000 sq. ft. 7-in. Class "F" four-sack concrete pavement base;
- (29) 1,000 each, new cross-walk markers, in place;
- (30) 16,500 sq. ft. two-course conc. sidewalk;
- (31) 650 c.y. Class "E" 5-sack conc. pavement base, in place.

Total bids follow:

- (A) The Lowrie Paving Co., Inc., 1540 16th St., S. F.—\$57,101.
- (B) The Fay Improvement Co.—\$58,043.00.
- (C) Chas. L. Harney—\$59,353.
- (D) M. J. Lynch—\$59,665.
- (E) Eaton & Smith—\$62,971.
- (F) Pacific Pavements Co., Ltd.—\$64,977.50.
- (G) A. G. Raisch—\$66,152.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 0.40	\$ 0.31	\$ 0.30	\$ 0.40	\$ 0.25	\$ 0.50	\$ 0.40
(2).....	.40	.53	.60	.50	.60	.65	.68
(3).....	.80	.80	1.00	1.00	.60	.85	.90
(4).....	2.00	2.00	2.00	1.90	2.00	2.25	1.90
(5).....	40.00	50.00	62.00	50.00	60.00	60.00	63.00
(6).....	65.00	34.00	46.00	90.00	80.00	125.00	77.00
(7).....	75.00	88.00	95.00	90.00	80.00	125.00	130.00
(8).....	2.00	2.00	3.00	1.00	2.50	2.00	2.60
(9).....	35.00	40.00	35.00	25.00	25.00	27.50	30.00
(10).....	60.00	50.00	60.00	50.00	27.50	50.00	46.00
(11).....	50.00	44.50	50.00	20.00	25.00	75.00	34.00
(12).....	.15	.074	.07	.08	.07	.25	.14
(13).....	.15	.105	.10	.11	.10	.15	.18
(14).....	.15	.24	.20	.24	.20	.30	.26
(15).....	.06	.06	.06	.06	.05	.07	.075
(16).....	2.00	2.00	3.00	2.50	2.00	4.00	1.60
(17).....	.15	.16	.15	.20	.17	.18	.175
(18).....	2.50	2.25	5.00	2.00	10.00	5.00	4.50
(19).....	125.00	97.00	70.00	90.00	60.00	90.00	52.00
(20).....	75.00	80.00	65.00	75.00	60.00	85.00	57.00
(21).....	150.00	135.00	115.00	125.00	130.00	135.00	83.00
(22).....	.46	.65	.63	.60	.44	.77	.44
(23).....	.025	.04	.025	.04	.02	.04	.04
(24).....	.08	.04	.05	.05	.06	.05	.06
(25).....	.28	.278	.32	.28	.265	.27	.42
(26).....	4.00	4.18	4.00	4.25	5.50	4.20	3.95
(27).....	3.80	3.45	3.70	3.90	5.00	3.90	3.78
(28).....	.17	.18	.27	.20	.15	.25	.32
(29).....	.15	.17	.20	.20	.25	.25	.24
(30).....	.12	.15	.08	.13	.13	.14	.15
(31).....	7.50	5.90	7.00	7.50	7.50	8.40	6.95

- ALTER restaurant, \$500; 153 Malden Lane; owner, Ripley Gooding, premises.
- FLUES, \$40; 1421 Laguna St.; owner, Wong, premises; contractor, C. R. Smith & Son, 4057 18th St.
- SIGN, electric, \$200; 3991 17th St.; owner, L. Serimian, prem.; contractor, Western Neon Lite Co., 75 Fremont St.
- ALTER store, \$200; 173 Eddy St.; owner, Chin Dong, prem.; contractor, Carl J. Fung & Co., 721 Commercial St.
- ALTER dwelling, \$350; 2122 Lake; owner, F. W. Gale and A. H. Collins, premises.
- FLUE, \$50; 5615 Geary Blvd.; owner, V. Gramceshi, prem.; contractor, E. A. Balling, 819 Haight.
- BARBER pole, \$20; 147 Haight St.; owner, Hunter, prem.; contractor, B. J. Doherty Co., 1725 Church St.
- SIGN, electric, \$450; 4121 18th St.; owner, Martins, premises; contractor, Western Neon Lite Co., 75 Fremont St.
- ALTER dwelling, \$250; 216 Raymond St.; owner, Robt. Plant, 2172 Market St.; contractor, National Roofing & Siding Co., 2172 Market St.
- FLUE, \$50; 150 Mason St.; owner, F. Roberti, premises; contractor, L. B. Hooker, 1530 Howard.
- SIGN, electric, \$100; 452 Powell St.; owner, Edy's Character Candies, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER restaurant, \$500; 540 Sutter St.; owner, Louis Rose, premises; contractor, R. C. McBride, Jr., 2212 Polk St.
- ALTER dwelling, \$800; 179 Rolph St. owner, Thos. Clark, prem.; contractor, F. L. Campbell, 30 Graton Ave.
- SIGN, electric, \$400; 40 12th St.; owner, Frank Gallo, prem.; contractor, Western Neon Lite Co., 75 Fremont St.
- ALTER dwelling, \$480; 231 Scott St.; owner, G. Del Sarto, prem.; contractor, Home Owners Imp. Co., 350 Hobart St., Oakland.
- ALTER dwelling, \$500; 918 Divisadero St.; owner, J. J. Donovan, premises; contractor, Richmond Roofing & Const. Co., 3911 Geary.
- SIGN, electric, \$200; 40 12th St.; owner, Frank Gallo, premises; contractor, Western Neon Lite Co., 75 Fremont St.
- SIGN, electric, \$250; 3548 Mission; owner, Mohawk Gasoline Co., 3548 Mission St.; contractor, Adlitt Neon Corp., 5835 3rd St.
- SIGN, electric \$130; 3000 Geary; owner, Geary Roofing Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric \$400; 460 5th Street; owner, Anchor Post Fence Co., premises; contractor, Western Neon Lite Co., 75 Fremont Street.
- SIGN, electric, \$155; 527 Post St.; owner, M. Z. Lewis, Prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.
- ALTER dwelling, \$20; 1027 De Haro St.; owner, Nick Loscutoff, 1027 De Haro St.
- SIGN, electric, \$180; 357 O'Farrell St.; owner, Yosemite Grayline Limousines, Inc., Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100; 2598 Mission St.; owner, The Transfer, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.
- SIGN, electric, \$100; 1939 Oak St.; owner, Royal Garage, premises; contractor, Neon Sign Service Co., 1707 Folsom St.
- ALTER flats, \$300; 276 19th Ave.; owner, M. Galli, 276-A 19th Ave.; contractor, Albert Massagli, 3821

Geary St.
 ALTER dwelling, \$900; 3040 Balboa; owner, W. H. Johnson, premises; contractor, John Newton, 2029 Kirkham St.
 ALTER dwelling, \$700; 685 Capp St.; owner, G. B. Cordano, 3054 22nd.
 SIGN, electric, \$100; 835 Geary St.; owner, Dave Levin, prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
 ALTER dwelling, \$185; 2443 16th Ave. owner, W. J. Dont, premises.
 ALTER dwelling, \$287; 1901 Scott St. owner, Dr. T. E. Shumate, prem.
 SIGN, electric, \$250; 444 5th St.; owner, Peeries Laundry, Inc., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 BARBER pole, \$3; 4073 18th Street; owner, F. Kundsen, premises.
 ALTER flats, \$200; 18 Ord St.; owner, J. Hackl, premises.
 SIGN, electric, \$100; 2446 Bayshore Blvd.; owner, Original Bay Liquors, premises; contractor, Neon Sign Service Co., 1707 Folsom.
 ALTER dwelling, \$250; 442 31st Ave. owner, Paul Carle, premises; contractor, Standard Concrete Const. Co., 3025 Geary St.
 SIGN, electric, \$260; 46 5th St.; owner, Fosters Lunch Sys., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER stores, \$900; E 8th Ave. 60 S Irving; owner, Herbert Crocker, 71 Sutter St.; contractor, Andrew Pillon, 847 Duncan Street; architect, Martin Rist, Phelan Bldg.
 ALTER dwelling, \$100; 2219 22nd St.; owner, Edw. Zeipp, prem.; contractor, Chas. S. Delaney, 1715 Eddy St.
 SIGN, electric, \$160; 1112A Market; owner, De Luxe Fountain, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER guesthouse, \$490; 1786 Golden Gate Ave.; owner, M. Markkevich, Prem.; contractor, Jas. Bogle, 2467 Sutter St.
 BILLBOARD, \$7; SE 19th Ave. and Lincoln Way; owner, Foster & Kleiser Co., 1675 Eddy St.
 FLUE, \$53; 1547 Clay St.; owner, A. Cassasa, Premises; contractor, Home Furnace Co., 2222 Bush Street.
 SIGN, electric, \$150; 566 Third St.; owner, Harrington's, Prem.; contractor, Apex Elec. Co., 363 Fell St.
 SIGN, electric, \$200; 110 Powell St.; owner, Panson Inv. Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.
 ALTER dwelling, \$200; 114 Broderick St.; owner, Mrs. A. Beach, Prem.; contractor, H. Abrahams, 50 Silliman St.
 ALTER flats, \$150; 1344 Union St.; owner, Leon Gelber, Prem.; contractor, Victor E. Ratto, 4594 19th St.
 SIGN, electric, \$300; 506 Broadway; owner, Finocchio's, Prem.; contractor, Apex Elec. Co., 363 Fell St.
 ALTER store, \$275; 38 Mason St.; owner, J. C. Kepner, 80 Post St.; contractor, Amos Constr. Co., 2709 Laguna St.
 ALTER apts., \$132; 368 First St.; owner, Leo Library, 759 10th Ave.
 ALTERATIONS, \$100; 5688 Ocean View Dr., Oakland; owner and contractor, Rachel M. Mendes, Prem.
 ALTER sidewalk, \$100; 1101 Clay St., Oakland; owner, M. K. Blake Estate, 12th and Washington Sts.; contractor, Phoenix-Simpson Co., 520 6th St., San Francisco.

PIMA CO., ARIZ.—HIGHWAY IMPROVEMENT—(State)

PIMA COUNTY, Arizona.—Tanner Const. Co., 312 S 11th Ave., Phoenix, at \$53,855.74 awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of Ajo-Tucson Highway, FAS 110-E (1938), APE 631. The work, which begins at the Papago Indian Reservation boundary, about 27 miles southwest of Tucson, and extends easterly about 3.6 miles, consists of grading, draining, aggregate base course and oil processed (SC-2 road oil, road mix), and is to be completed on or before Sept. 30, 1938. The work involves:
 (1) 2,976 c.y. rdwy. excav., unclass.;
 (2) 8,956 c.y. drainage do;
 (3) 4,700 ft. grader ditches;
 (4) 903 c.y. struc. excav., unclass.;
 (5) 426 sta. yds. overhaul;
 (6) 20,087 c.y. imported borrow, CIP;
 (7) 13,080 tons coarse agg. base course (CIP);
 (8) 7,931 tons fine do;
 (9) 1,335 M. gals. sprinkling (CIP);
 (10) 431 hours rolling;
 (11) 420 c.y. Class A concrete (inc. cement);
 (12) 42,980 lbs. reinf. steel bars, CIP;
 (13) 48 ft. 24-in. CMP (Cip except excavation);

(14) 72 ft. 36-in. do;
 (15) 22 ft. resetting 36-in. CMP (CIP inc. all materials and work);
 (16) 16 guide posts (CIP);
 (17) 5,479 tons mineral agg. (CIP);
 (18) 76,558 gals. road oil (SC-2) for road mix (CIP on rd);
 (19) 3,575 miles processing road mix
 (20) 830 tons emul. asphalt (Class A) for seal coat (CIP on road);
 (21) 630 tons screencrags (CIP on rd);
 (22) 1 lump sum processing and hauling road mix for stockpile.
 The total bids were:
 (A) Tanner Const. Co., Phoenix, \$53-885.74.
 (B) W. E. Orr, Prescott, Ariz., \$54-606.08.
 (C) Warren Southwest, Inc., L. A., \$57,368.51.
 (D) Fisher Contr. Co., Phoenix, \$57-802.03.
 (E) Phoenix-Tempe Stone Co., Phoenix, \$59,578.06.
 (F) W. E. Hall Const. Co., Phoenix, \$65,127.22.
 (G) Lewis Bros., Phoenix, \$68,797.89.
 (H) Tiffany Const. Co., Phoenix, \$72,611.50.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$.24	\$.25	\$.25	\$.20	\$.40	\$.50	\$.80	\$.45
(2).....	.24	.20	.25	.18	.24	.25	.40	.60
(3).....	.05	.05	.05	.05	.04	.05	.10	.10
(4).....	1.10	1.25	.75	.85	1.20	1.00	1.50	1.00
(5).....	.03	.02	.01	.10	.06	.10	.10	.04
(6).....	.35	.32	.43	.42	.30	.45	.40	.38
(7).....	.60	.65	.63	.65	.72	.70	.60	.72
(8).....	.63	.70	.63	.70	.85	.80	.95	.90
(9).....	2.00	2.25	2.00	2.25	1.75	1.80	2.00	3.00
(10).....	3.00	2.50	2.75	3.00	2.75	3.00	2.50	3.00
(11).....	18.00	20.00	20.00	20.00	22.50	19.00	22.00	21.00
(12).....	.05	.05	.05	.055	.055	.05	.06	.06
(13).....	3.00	3.00	2.50	3.00	3.00	2.50	3.00	3.00
(14).....	6.00	5.50	5.00	5.50	5.00	5.25	6.00	5.00
(15).....	1.50	2.00	1.00	1.00	9.00	2.00	4.00	2.00
(16).....	3.00	2.50	2.50	3.00	2.50	2.50	4.00	3.00
(17).....	.60	.70	.65	.80	9.00	1.50	1.40	1.50
(18).....	.07	.065	.07	.07	.07	.055	.08	.075
(19).....	500.00	400.00	450.00	550.00	350.00	500.00	800.00	500.00
(20).....	30.00	25.00	30.00	25.00	32.00	30.00	30.00	30.00
(21).....	3.50	3.00	5.00	3.00	3.50	5.00	7.00	6.00
(22).....	125.00	100.00	150.00	200.00	150.00	150.00	500.00	400.00

YOLO COUNTY—SURFACE TREATMENT—(State)

YOLO COUNTY, Calif.—Claude C. Wood, P. O. Box 1714, Stockton, at \$14,094.20 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment to about 8.1 miles of highway and constructing shoulders between three miles north of Esparto and north-east corner of Rancho Guesisosi in Yolo County.

The work involves:

- (1) 560 M. gals. water;
- (2) 200 c.y. struc. excav.;
- (3) 431 sta. finish roadway;
- (4) 8.15 miles mix and shape road-bed;
- (5) 8.15 miles preparing and compacting base;
- (6) 420 tons liquid asph., SC-4;

(7) 100 tons liq. asph., SC-2 (prime coat);
 (8) 66 c.y. Class A portland cement concrete struc.;
 (9) 6,600 lbs. bar reinf. steel;
 (10) 95 lf. laminated guard railing.
 Total bids follow:
 (A) Claude C. Wood, P. O. Box 1714 Stockton, \$14,094.20.
 (B) Lee J. Immel, Berkeley, \$15,049.
 (C) Helwig Const. Co., Sebastopol, \$15,295.00.
 (D) E. A. Forde, San Anselmo, \$15-550.80.
 (E) J. A. Casson, Hayward, \$16,220.50.
 (F) C. F. Fredericksen & Sons, Lower Lake, \$18,440.25.
 (G) J. P. Breen, Sacramento, \$18-698.00.
 (H) A. Teichert & Son, Inc., Sacramento, \$18,733.50.
 Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.50	\$1.50
(2).....	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.50
(3).....	2.00	2.00	3.00	3.00	2.00	4.50	5.00	3.50
(4).....	400.00	450.00	400.00	400.00	450.00	550.00	450.00	600.00
(5).....	80.00	100.00	200.00	150.00	200.00	25.00	250.00	100.00
(6).....	13.00	13.50	13.00	12.04	13.00	16.00	14.00	15.60
(7).....	13.00	13.50	12.50	11.50	15.00	15.50	13.50	14.60
(8).....	20.00	21.00	16.00	27.00	25.00	30.00	26.00	27.00
(9).....	.06	.06	.06	.065	.06	.07	.07	.06
(10).....	1.00	1.50	2.00	2.00	1.00	1.50	2.00	2.00

for Results Use
'DAILY PACIFIC BUILDER'
 Builder Ads

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until May 20, p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 9701, for furnishing printed forms for the several City Departments for the fiscal year 1938-39. Plans and specifications obtainable at above office.

SAN FRANCISCO.—Until May 23, p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 5201, for furnishing window cleaning for the school and water department and branch Libraries for the fiscal year 1938-39. Plans and specifications obtainable at above office.

SAN FRANCISCO.—Until May 23, p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 6701, for the removal of dead animals from public places and pound for the fiscal year 1938-39. Plans and specifications obtainable at above office.

SAN FRANCISCO.—Until May 13, p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2004, for furnishing 30 tons of copper sulphate for the S. F. Water Dept. Plans and specifications may be obtained from the above office.

SAN FRANCISCO.—Until May 20, P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2007, for furnishing filing equipment and furniture for the Police Department. Plans and specifications available at above office.

WAR DEPARTMENT

SACRAMENTO. Cal.—Bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies, as follows:

May 17, 3:00 P. M.

BID NO. 1105-38-260.—One new outboard motor, not less than 4.5 brake H.P., fully equipped; f.o.b. Rio Vista, Cal.

May 18, 3:00 P. M.

BID NO. 1105-38-261.—36 kapok vests, f.o.b. Rio Vista.

BID NO. 1105-38-262.—24 life preservers; f.o.b. Rio Vista.

SACRAMENTO, Calif.—Until May 7, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Order 9405, for the sale of one 1934 Model 4.5-h.p. Elito service twin outboard motor. Interested party may inspect this outboard motor upon application to the U. S. Engineer Office, Rio Vista.

FORT MASON, Cal.—Until May 19, 0:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-348, for furnishing pipe fit-

tings, unions, faucets and valves; fob Fort Mason, San Francisco.

FORT MASON, Cal.—Until May 19, 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-349, for furnishing 12 trailer wheels; fob Fort Mason.

FORT MASON, Cal.—Until May 20, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-351, for furnishing 1200 feet water hose; 400 packing boxes; acid, soap, grease, kerosene, paint, aluminum powder and white lead; f.o.b. Fort Mason, Cal.

FORT MASON, Cal.—Until May 24, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-350, for furnishing miscellaneous parts for Dodge 1½-ton truck, Chevrolet 1½-ton truck, and Indiana 2½-ton truck; f.o.b. Motor Warehouse No. 6, Presidio of San Francisco.

FORT MASON, Cal.—Until June 6, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-346, for furnishing bituminous lump coal; f.o.b. cars mine and/or various shipping points in California, Nevada, Oregon, Washington, Montana and Utah.

SAN FRANCISCO.—Until May 19, 3 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and materials, as follows:

BID NO. 868-38-149.—Firefighting equipment, including: 1 foam type fire engine, 40-gal. capacity, fire extinguishers, recharges and water pails; f.o.b. San Francisco waterfront.

BID NO. 868-38-154.—Douglas fir lumber and plywood; f.o.b. U. S. Engineer Office, Battery Townsley, Fort Cronkhite, Marin Co.

FORT MASON, Cal.—Until May 25, 11 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-353, for furnishing miscellaneous parts for Chevrolet 1½-ton; Dodge 1½-ton, and Standard 5-ton trucks and 200 pins and 5000 nails; f.o.b. Motor Warehouse, San Francisco Presidio.

SACRAMENTO, Cal.—Until May 24 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-264, for furnishing buoys, barbed wire, carpenter rules and solder bars; fob Rio Vista.

CANAL ZONE

PANAMA CANAL.—Until May 25, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sch. No. 3353, for furnishing

miscellaneous supplies and materials including: Power cable, insulated wire, rubber-sheathed flexible cord, electric lighting fixtures, transformers, junction boxes, bevel-gear screw jacks, pneumatic hammers, drills, paving breakers, chipping hammers and impact wrenches, precision pantography, railway switch stands, track spikes, cast-iron pipe and fittings, steel paint drums, paint cans, life preservers, ash rags, steel-wire cloth, copper-wire cloth, enamels, paint ingredients, powdered aluminum, asphalt varnish, linseed oil, putty, transformer-insulating oil, cotton sheeting, burlap, cotton bunting, California Redwood lumber, and steel shelving racks and revolving bins; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained at the above office and at the office of the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco, Cal.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

May 17, 2:00 P. M.

BID NO. 5662.—Stove units; f.o.b. Government Island, Cal.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials and purchase of equipment, as follows:

MAY 17, 2 P. M.:

BID NO. 5658: Foresters' and geologists compasses; fob Government Island.

SAN FRANCISCO.—Until May 19, 2 P. M., bids will be received by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1229, for trail-builder attachments.

Bids will be taken on:

(1) 4 trailbuilder attachments, cable operated type, complete with double drum hoist and power takeoff units, of not less than 4,500 lbs. net weight, for operation with Caterpillar RD-7 tractors; fob shipping point;

(1a) Same as Item 1, except price fob Oakland;

(2) 4 trailbuilder attachments, cable operated type, complete without double drum hoist and power takeoff units, of not less than 3,500 lbs. net weight, for operation with Caterpillar RD-7 tractors; fob shipping point;

(2a) Same as Item 2, except price fob Redding.

Plans and specifications available at above office.

SAN FRANCISCO.—Until May 17, 2 P. M., bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1227, for furnishing steel tower for Topa Topa Lookout; fob bidder's shipping point and/or Ojai, Calif.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Fredericksen & Westbrook
Low on Paving

♦ ♦ ♦

H. Hilp Heads Central A. G. C. Chapter

♦ ♦ ♦

Building Permits, Advance Reports
of Building and Engineering
Projects

2
per

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant*

in

San

Francisco!

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, MAY 21, 1938

No. 21

HILP ELECTED PRESIDENT OF AGC CHAPTER

New Board Names Officers for Coming Year; Prospects Outlined

Harry H. Hilp of San Francisco last week was elected president of the Central California Chapter, Associated General Contractors of America, to succeed retiring President John R. Cahill.

The election of officers took place at the meeting of the newly-elected board of directors, held in the association offices in the Shannon building.

Other officers are: Richard Walberg, vice-president; W. E. Lyons, treasurer, and William E. Hague, secretary - manager. Mr. Cahill will continue to serve on the board.

Unity Essential

Mr. Hilp has been active in building industry organization for many years. In assuming office, he said he had a keen appreciation of difficulties confronting the building industry and declared that in his opinion it was essential that general contractors should remain united in one organization in order collectively to deal with such problems as might arise.

Good labor relations are essential to successful building operations at this time, Mr. Hilp said. He congratulated retiring President Cahill on his stand for the principle of no stoppage of work through the medium of agreements fairly negotiated.

The need for sustaining the Building Trades Employers Association as a central clearing body was stressed by the new chapter president, who also suggested that all possible support should be given constructive efforts of the Builders Exchange of San Francisco for the benefit of the industry.

Plasterers' Strike

Mr. Hilp declared: "The only labor disturbance of any moment in the industry during 1937 was that of the plasterers' strike, which was quickly and amicably settled.

"It is also worthy of note that although a number of workers on

Heads Chapter



Harry H. Hilp, who last week was elected president of the Central California Chapter, Associated General Contractors of America. Mr. Hilp succeeds John R. Cahill, retiring president.

the San Francisco-Oakland Bridge are now out on strike owing to a jurisdictional electrical dispute, yet this strike has not extended to the San Francisco side, largely owing to the good influence of the Associated General Contractors, Central California Chapter, and its cooperation with the Building Trades Council of San Francisco and various craft unions. I hope that 1938 will see an amicable adjustment of any disputes that may possibly arise. While the building business has suffered from a slump since last September, yet there is reason to believe this condition will improve as the year goes on. Many factors are now at work to bring about such improvement."

He pledged the association to continued efforts toward avoiding all labor difficulties and arbitration of any disputes without cessation of work.

FREDERICKSEN, WESTBROOK BID PAVING PROJECT

Lower Lake Firm Low at \$194,191 on Stanislaus Job; Wood Low on Bridge

SACRAMENTO, May 18. — Low bids totaling \$216,981 today were submitted to the State Division of Highways for grading, surfacing and construction of bridges in Stanislaus and Mendocino counties.

Fredericksen & Westbrook, Lower Lake, at \$194,191.35, submitted the low bid for 5.8 miles of grading and paving with Portland cement concrete and construction of bridges between Modesto and Salida in Stanislaus county. Their bid was based on Alternate A calling for the use of precast concrete piles.

Bridges Creek Span

Claude C. Wood, Stockton, at \$227,905.50, was the low bidder for constructing a bridge across Bridges Creek about 21 miles south of Garberville in Mendocino county.

The bridge will consist of one 38-foot steel beam span, four 19-foot and one 15-foot timber spans, all on concrete footings and timber bents.

Fredericksen & Westbrook's subtotal on the Stanislaus county job was \$189,051.35. This figure does not include the alternate amount.

Other sub-totals included: Louis Biasotti & Son, \$189,457.15; Union Paving Company, \$192,593.90; Macco Construction Co., \$196,197.30 and Griffith Company, \$206,720.55. Nine firms submitted bids on the job.

MAGNETIC STARTING SWITCHES DESCRIBED

A 4-page leaflet describing and illustrating G-E magnetic motor-starting switches (CR7006) for full-voltage starting of A-C motors is a recent publication of General Electric Company, Schenectady N. Y. The bulletin also lists and illustrates several types of push-button stations for use with the switches. Copies may be obtained by writing the company and requesting Catalog folder No. GEA-2889.

152 California Post Offices Listed As "Eligible" Under Proposed New Program

Compiling its list of eligible projects under the proposed \$60,000,000 federal building program, the House Appropriations Committee last week included 152 California buildings from which selection may be made, according to advices from Washington.

Total cost of eligible projects throughout the nation will be about

\$171,436,000. Since roughly about one-third of this amount would be made available by the proposed appropriation, it may be assumed that California projects finally selected for construction under the new program will number about one-third of the total listed as "eligible." Final selection will be made by the Postmaster General and the Secretary of the Treasury.

Eligible California projects, it was announced, include the following:

\$215,000 for Burlingame

Alhambra, \$79,000; Altadena, \$85,000; Antioch, \$75,000; Arcadia \$80,000; Atascadero, \$75,000; Avalon, \$80,000; Avenal, \$75,000; Azusa, \$75,000; Bakersfield, \$330,000; Balboa, \$70,000; Baldwin, Park \$75,000; Banning \$80,000; Barstow \$70,000; Beaumont, \$75,000; Bellflower, \$75,000; Bishop, \$75,000; Blythe, \$70,000; Brea, \$70,000; Brentwood, \$70,000; Burlingame, \$215,000.

Calxico, \$111,000; Calistoga, \$70,000; Carmel, \$124,000; Campbell, \$75,000; Carpinteria, \$70,000; Corning, \$75,000; Crescent City, \$80,000; Crockett, \$75,000; Chino, \$70,000; Chowchilla, \$70,000; Chula Vista, \$75,000; Coalinga, \$75,000; Corcoran, \$75,000; Corona, \$100,000; Covina, \$82,000; Culver City, \$129,000; Davis, \$75,000; Dixon, \$70,000; Dunsuir, \$75,000; Delano, \$75,000; Dinuba, \$75,000; Dos Palos, \$70,000.

El Cajon, \$70,000; El Segundo, \$75,000; Elsinore, \$70,000; Escondido, \$85,000; Exeter, \$75,000; Fairfield, \$80,000; Ft. Bragg, \$75,000; Fillmore, \$75,000; Fontana, \$75,000; Fortuna, \$70,000; Gilroy, \$98,000; Gardena, \$75,000; Garden Grove, \$70,000; Glendora, \$75,000; Guadalupe, \$70,000; Gustine, \$70,000; Healdsburg, \$75,000; Hawthorne, \$75,000; Hemet, \$90,000; Hermosa Beach, \$75,000; Hynes, \$75,000; Imperial, \$70,000; Indio, \$80,000; Jackson, \$80,000.

Los Gatos Building

King City, \$75,000; Kingsburg, \$70,000; Laguna Beach, \$80,000; Lakeport, \$80,000; La Habra, \$70,000; La Mesa, \$75,000; Lancaster, \$75,000; La Verne, \$70,000; Lemoore \$70,000; Lindsay, \$100,000; Lomita \$70,000; Lompoc, \$75,000; Los Angeles (working post office) \$1,175,000; Los Angeles (Eagle Rock Station), \$90,000; Los Gatos, \$100,000.

McCloud, \$70,000; Menlo Park, \$75,000; Mill Valley, \$75,000; Mtn. View, \$103,000; Mount Shasta, \$70,000; Manhattan Beach, \$70,000; Montrose, \$75,000; National City, \$75,000; Needles, \$75,000; Nevada

City, \$80,000; Newport Beach, \$70,000; Norwalk, \$75,000; Niles, \$70,000.

Oakdale, \$75,000; Oakland, \$1,130,000; Orland, \$75,000; Oildale, \$70,000; Ojai, \$75,000; Ontario, \$150,000; Oxnard, \$75,000; Pacific Palisades, \$70,000; Palm Springs, \$100,000; Paso Robles, \$91,000; Placerville, \$20,000; Quincy, \$80,000; Reseda, \$70,000; Rio Vista, \$70,000.

San Anselmo

St. Helena, \$75,000; San Anselmo, \$75,000; San Bruno, \$75,000; San Carlos, \$70,000; San Leandro, \$100,000; San Quentin, \$70,000; Sausalito, \$75,000; Scotia, \$70,000; Sonoma, \$70,000; Sonora, \$85,000; Sunnyvale \$75,000; Sierra Madre, \$75,000; Taft, \$100,000; Temple City, \$70,000; Terminal Island, \$75,000; Trona, \$70,000; Tujunga, \$70,000; Universal City, \$70,000; Upland, \$97,000; Victorville, \$70,000; Vista, \$70,000.

Walnut Creek, \$75,000; Walnut Grove, \$70,000; Weed, \$70,000; Willets, \$70,000; Yreka, \$146,000.

Seek \$10,000,000 Air Base in Alaska

A proposal for construction of a \$10,000,000 air base at Fairbanks Alaska, has been made recently and approval of President Roosevelt is being sought, according to word received here from Washington.

The base would consist of eight hangars to cost about \$2,800,000; officers quarters, \$1,638,000; non-commissioned officers quarters, \$1,083,600; barracks, \$600,000; other buildings and installations, \$2,088,450; runways, drainage and technical buildings, \$1,418,300.

The estimate, exclusive of the price of the site, improvement of landing field, drainage and other technical problems based on the Fairbanks site, are tentative.

BULLETIN OF LEAD INDUSTRIES ISSUED

The May edition of "Lead", publication of the Lead Industries Association, 420 Lexington avenue, New York city, is off the presses and ready for distribution. Copies may be obtained from the Association without charge.

The May edition features: lead in New Orleans water services; white lead office interiors; lead flashings; lead in residences; and small applications of lead.

FUND PROVIDED FOR CONTINUING AIR BASE WORK

Alameda, Mare Island, 14th Naval District Projects Approved

Signed by President Roosevelt the annual naval appropriation bill in addition to funds for regular naval maintenance and for ship-building includes a total of \$11,129,000 for public works and additions to be constructed under the Bureau of Yards & Docks.

Included in this latter group are several large jobs at Mare Island, in the 14th Naval District, and at the Balboa, C. Z., naval station, as well as authorization for continuance of work at the Alameda naval air station.

These projects are located as follows:

Harbor Improvement

Mare Island Navy Yard: Storehouse and accessories, \$800,000; 14th Naval District: Dredging of channels and improvement of harbors, \$1,500,000; mooring facilities and accessories, \$325,000; power plant building and accessories, \$500,000; power plant equipment and extension of distributing systems, \$2,250,000.

Canal Zone, Naval Station, Balboa: Quarters for officers not to exceed \$10,000 per unit, \$40,000. Submarine base, Coco Solo: Quarters and accessories for chief petty officers, \$288,000; quarters and accessories for officers not to exceed \$40,000 for each apartment house to accommodate four families, \$360,000. Fleet Air Base, Coco Solo: Quarters for chief petty officers, \$180,000; extension of hangar No. 101, \$140,000.

California: Naval Air Station, Alameda: To continue the development authorized by the act approved June 24, 1936, as amended: \$4,800,000.

MODINE LISTS UNIT AIR CONDITIONERS

A new compact, self-contained unit for air conditioning apartments, offices, stores and residences is announced by the Modine Manufacturing Company, Racine, Wis. Information regarding the Modine Conditioner may be obtained without charge upon request to the company at the above address.

Access doors to the motor and blower, control panel, water valves, heating and cooling coils, and humidifier trays are one side of the unit only. All piping and conduit connections are likewise made from this same side and through one end. The overall height of the conditioner is 18 inches. Two models the 74 and 155 are available—both with either hot water or steam heating coils, and cold water or refrigerating cooling coils.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1193-4	Depaoli	Berwick	4000
1195	Dill	Owner	18000
1196	Durrenmatt	Owner	2000
1197-8	Murphy	Owner	6500
1199	Pascarolis	Filippis	1000
1200	Weber	Neadeau	2000
1201	Campbell	Owner	4500
1202	Cohen	Owner	3000
1203	Hockert	Owner	2500
1204	Kahn	Gladstone	15000
1205	Kolsberg	Owner	3500
1206-10	McCarthy	Aetna	3000
1211	Mohler	Owner	4000
1212-15	Standard	Owner	3500
1216	Youngman	Tomlin	3250
1217	Weck	Campbell	4500
1218	Women's Club	Bliss	10000
1219	Carraro	Carraro	3100
1220	Costello	Owner	3500
1221	Draper	Cuthbertson	1000
1222	Greek Ch.	McKenzie	1500
1223	Hahnfeldt	Dahlstrom	4000
1224	Howard	Lesure	15000
1225	Keyword	Anderson	1000
1226	Metro. Life	Lindgren	7000
1227	Robinson	Urdlin	2000
1228	Vignati	Mohr	3500
1229	Bk. Amer.	Capital	4800
1230	Blumenfeld	Moore	3500
1231	Claronova	Bay Cities	8000
1232	Mansfield	Owner	2500
1233	Otis	Peterson	2500
1234	Roth	Owner	4000
1235	Woolworth	Owner	1000
1136	Allsbrook	Allsbrook	4000
1137	Comitius	Erickson	4000
1138	Furger	Ruegg	6000
1139	Hersh's	Unit Bilt	3500
1140	Marin Milk	Barrett	110000
1141	McKales	Aetna	8000
1142	Nelson	Owner	4500
1143	O'Brien	Miller	7900
1144-48	Shannon	Wagner	4000
1149	Stoli	Baker	4000

DWELLING
 (1193) W. CAYUGA, 100 S COTTER.
 One-story and basement frame dwelling.
 Owner—L. Depaoli, 29th and Mission Streets.
 Contractor—A. Berwick, 1525 Noe St. Architect—Not Given. \$4000

DWELLING
 (1194) W. CAYUGA, 75 S COTTER ST. One-story and basement frame dwelling.
 Owner—L. Depaoli, 29th and Mission Streets.
 Contractor—A. Berwick, 1525 Noe St. Architect—Not Given. \$4000

DWELLING
 (1195) SE MARINA BLVD. AND AVILA. Three-story and basement frame dwelling.
 Owner—Marshall Dill, c/o Archt. Architect—Wm. F. Gunnison, 251 Kearny St. \$18,000

DWELLING
 (1196) N. CUMBERLAND, 255 W SANCHEZ. One-story and basement frame dwelling.
 Owner—E. Durrenmatt, 618 Sanchez. Architect—Not Given. \$2000

FRAME FLATS
 (1197) N. GOLDEN GATE, 42 W MASONIC. Two-story and basement frame flats.
 Owner—John Murphy, 350 Claremont. Architect—H. C. Baumann, 251 Kearny St. \$6500

FRAME FLATS
 (1198) NW GOLDEN GATE AVE. AND MASONIC AVE. Two-

story and basement frame flats.
 Owner—John Murphy, 350 Claremont Blvd.
 Architect—H. C. Baumann, 251 Kearny St. \$6500

ALTERATIONS
 (1199) 1252-A MASON ST. Alter dwelling.
 Owner—P. Pascarolis, Prem.
 Contractor—V. Filippis, 269 24th Ave. Architect—F. W. Dakin, 625 Market St. \$1000

FRAME FLATS
 (1200) S. POST, 187 W SCOTT ST. Two-story frame flats.
 Owner—Gus Weber, 1956 Post St. Contractor—Mark Neadeau, 3618 16th Street. Architect—Not Given. \$2000

DWELLING
 (1201) (1201) NW ULLOA, 63 NE SYDNEY WAY. One-story and basement frame dwelling.
 Owner—J. V. Campbell, 849 Laguna Honda Blvd.
 Architect—Conrad T. Kett, 519 California. \$4500

DWELLING
 (1202) W. 11TH AVE., 84 N PACHECO. One-story and basement frame dwelling.
 Owner—H. A. and F. B. Cohen, 1506 Cabrillo Ave. Architect—Not Given. \$3000

DWELLING
 (1203) S. ARLETTA, 225 W DEL-ILA. One-story and basement frame dwelling.
 Owner—Stephen Heckert, 395 Teddy Ave. Architect—Not Given. \$2500

DWELLING
 (1204) S. SEA CLIFF, 420 W CAMINO DEL MAR. Two-story and basement frame dwelling.
 Owner—Felix Kahn, 200 Walnut St. Contractor—D. B. Gladstone, 557 Market St. Architect—Farr & Ward, 68 Post St. \$15,000

DWELLING
 (1205) NW FOLSOM AND EUGENIA. One-story and basement frame dwelling.
 Owner—T. Kolsberg, 3928 17th St. Architect—Not Given. \$3500

DWELLING
 (1206) E. EDNA, 50 N STAPLES. One-story and basement frame dwelling.
 Owner—The McCarthy Co., c/o Contractor.
 Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$3000

DWELLING
 (1207) E. EDNA, 75 N STAPLES. One-story and basement frame dwelling.
 Owner—The McCarthy Co., c/o Contractor.
 Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$3000

DWELLING
 (1208) NE EDNA AND STAPLES. One-story and basement frame dwelling.
 Owner—The McCarthy Co., c/o Contractor.
 Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$3000

DWELLING
 (1209) E. EDNA, 25 N STAPLES. One-story and basement frame dwelling.
 Owner—The McCarthy Co., c/o Contractor.
 Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$3000

DWELLING
 (1210) E. EDNA, 100 N STAPLES. One-story and basement frame dwelling.
 Owner—The McCarthy Co., c/o Contractor.
 Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$3000

DWELLING
 (1211) E. 29TH AVE., 100 S CABRILLO. One-story and basement frame dwelling.
 Owner—T. E. Mohler, 625 36th Ave. Architect—Not Given. \$4000

DWELLING
 (1212) W. 34TH AVE., 300 S RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

DWELLING
 (1213) W. 34TH AVE., 275 S RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

DWELLING
 (1214) W. 34TH AVE., 350 S RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

DWELLING
 (1215) W. 34TH AVE., 325 S RIVERA. One-story and basement frame dwelling.
 Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

DWELLING
 (1216) S. 24TH ST., 150 E DOUGLAS. One-story and basement frame dwelling.
 Owner—Geo. Youngman, Jr., 3366 22nd St. Contractor—R. F. Tomlin, 418 Munich. Architect—Not Given. \$3250

DWELLING
 (1217) NW ULLOA, 31 NE SYDNEY WAY. One-story and basement frame dwelling.
 Owner—Walter Weck, c/o Contractor.
 Contractor—J. V. Campbell, 849 Laguna Jonda Blvd. Architect—Conrad T. Kett, 519 California St. \$4500

ALTERATIONS
 (1218) 465 POST ST. Alter club.
 Owner—Women's City Club, Prem. Architect—Bliss & Fairweather, 606 Hobart St. \$10,000

DWELLING
 (1219) S OAKDALE 250 W Keith. One-story and basement frame dwelling.
 Owner—G. Carraro, 750 Felton St. Contractor—G. Carraro & Sons, 750

Felton Street. Architect—Not Given.	\$3,100		
DWELLING (1220) E 41st AVE. 150 S Judah St. One - story and basement frame dwelling. Owner and Builder—Lawrence Costello, 352 27th Avenue. Architect—C. O. Clausen, 746 46th Avenue.	\$3500	DWELLING (1231) W. BEAUMONT, 78 N OF TURK. Two-story and basement frame dwelling. Owner—John Castronova, 631 15th Ave. Contractor—Bay Cities Bldg. Co., 160 Russ St. Architect—Not Given.	\$8000
ALTERATIONS (1221) 2475 FILBERT Street. Alter dwelling. Owner—A. Laurence Draper, Jr., 2475 Filbert Street. Contractor—Tom Cuthbertson, 430 Noriega Street. Architect—Not Given.	\$1,000	ALTERATIONS (1232) 3620 MARKET ST. Alter dwelling. Owner—F. Mansfield, Prem. Architect—Fabre & Hildebrand, 110 Sutter St.	\$2500
ALTERATIONS (1222) 245 VALENCIA ST. Alter church. Owner—Greek Orthodox Community Church, premises. Contractor—M. McKenzie, 1106 Buchanan Street. Architect—Not Given.	\$1,500	ALTERATIONS (1233) 2231 BROADWAY. Alter dwelling. Owner—James Otis, Prem. Contractor—Carl H. Peterson, 60 21st Ave. Architect—Not Given.	\$2500
(1223) SW PARADISE and Burnside. One-story and basement frame dwelling. Owner—Helmuth Hanscheidt, 300 Sussex Street. Contractor—Gust Dahlstrom, 160 Castro Street. Architect—Not Given.	\$4,000	DWELLING (1234) E. 24TH AVE., 268 N OF NORIEGA. One-story and basement frame dwelling. Owner—William Roth, 378 19th Ave. Architect—Not Given.	\$4000
WAREHOUSE (1224) E MISSION 200 N 15th St. One-story Class C warehouse. Owner—E. A. Howard, 80 Howard. Contractor—E. T. Letter Sons, 311 37th St., Oakland. Architect—Fred Reimers, 233 Post St. Engineer—Norman B. Green, 55 New Montgomery St.	\$15,000	ALTERATIONS (1235) 1623 FILLMORE ST. Alter store. Owner—F. W. Woolworth Co., 405 Montgomery St. Architect—Not Given.	\$1000
ALTERATIONS (1225) 4025 20th ST. Alter dwelling. Owner—Lillian Keyworth, premises. Contractor—Jos. A. Anderson, 2321 Cecilia Avenue. Architect—Not Given.	\$1,000	DWELLING (1136) E SOUTH HILL BLVD. 35 S Rolph. One-story and basement frame dwelling. Owner—S. Alsebrook, 44 Pope Street. Contractor—E. Alsebrook, 1127 Munich Street. Architect—Not Given.	\$4,000
(1226) 600 STOCKTON ST. Alter offices. Owner—Metropolitan Life Ins. Co., 600 Stockton Street. Contractor—Lindgren and Swinerton, Inc., 225 Bush Street. Architect—Not Given.	\$7,900	(1137) W 32nd AVE. 273 N California St. One-story and basement frame dwelling. Owner—R. W. Cornitus, 465 California Street. Contractor—Henry Erickson, 972 Cheney Street. Architect—Not Given.	\$4,000
ALTERATIONS (1227) SE SUTTER and Kearny Sts. Alter store. Owner—Jack Robinson, premises. Contractor—Undlin Store Fixture Co., 362 11th Street. Architect—Not Given.	\$2,000	(1138) NE MONTCALM and Isabel. One - story and basement frame dwelling. Owner—Moritz Furger, 338 Mullin. Contractor—The Ruegg Co., 369 Pine. Architect—Albert H. Larson, 333 Kearny Street.	\$6,000
DWELLING (1228) SE MARKET 169 SW Danvers One - story and basement frame dwelling. Owner—Jos. and Emma Vignati, 4482 Mission Street. Contractor—Rudolph Mohr and Sons, 4482 Mission Street. Architect—Not Given.	\$3,500	ALTERATIONS (1139) 878 MARKET ST. Alter store. Owner—Hersh's, Inc., 878 Market St. Contractor—The Unit Bilt - Fixture Co., 298 Eighth Street. Architect—Not Given.	\$3,500
ALTERATIONS (1229) 625 MARKET ST. Alter office bldg. Owner—Bank of America, 1 Powell Street. Contractor—Capital Co., 625 Market Street. Architect—Not Given.	\$4800	MILK PLANT (1140) E HOWARD ST. 109 N 13th. Class B milk plant. Owner—Marin Dairymen's Milk Co., Ltd., 13th and Howard Streets. Contractor—Barrett & Hilp, 918 Harrison Street. Architect—Harry A. Thomsen, 315 Montgomery Street. Engineer—Wm. Adrian, 417 Market Street.	\$110,000
ALTERATIONS (1230) 3290 SACRAMENTO ST. Alter theater. Owner—Blumenfeld Theatres, Inc., 25 Taylor St. Contractor—Moore & Roberts, 693 Mission St. Architect—Not Given.	\$3500	GARAGE (1141) SE COLUMBUS and Pacific. First unit of Class B storage garage. Owner—McKales, Inc., 1102 Central Tower. Contractor—Aetna Const. Co., 1730 24th Avenue. Engineer—Wm. Adrian, 417 Market Street.	\$8,000
		DWELLING (1142) E 24th AVE. 131 S Sloat Blvd. One - story and basement frame dwelling.	
		Owner and Builder—Fernando Nelson, Inc., 2901 19th Avenue. Architect—Not Given.	\$4,500
		DWELLING (1143) NE GOLDEN GATE and Kittredge Terrace. One - story and basement frame dwelling. Owner—Daniel J. O'Brien, Jr., c/o architect. Contractor—Miller Const. Co., 3917 Mission Street. Architect—H. A. Minton, Underwood Building.	\$7,900
		DWELLING (1144) W HAMILTON 250 S Felton. One - story and basement frame dwelling. Owner—Frank Shannon, 901 Jarboe. Contractor—R. Wagner, 1754 9th Ave. Architect—Not Given.	\$4,000
		DWELLING (1145) W HAMILTON 200 S Felton. One - story and basement frame dwelling. Owner—Frank Shannon, 901 Jarboe. Contractor—R. Wagner, 1754 9th Ave. Architect—Not Given.	\$4,000
		DWELLING (1146) W HAMILTON 225 S Felton. One - story and basement frame dwelling. Owner—Frank Shannon, 901 Jarboe. Contractor—R. Wagner, 1754 9th Ave. Architect—Not Given.	\$4,000
		DWELLING (1147) W HAMILTON 275 S Felton. One - story and basement frame dwelling. Owner—Frank Shannon, 901 Jarboe. Contractor—R. Wagner, 1754 9th Ave. Architect—Not Given.	\$4,000
		DWELLING (1148) E BEVERLY 100 N Garfield. One - story and basement frame dwelling. Owner—Frank Stoll, c/o Contractor. Contractor—L. H. Baker, Millbrae Architect—Not Given.	\$4,000
ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
1142	M. U. Dist.	Owner	2000
1143	Pedrone	Silva	8000
1144	Pruner	Owner	3500
1145	Towers	Owner	5500
1146	Watson	Cacqueiro	2500
1146	Coryell	Buel	1500
1147	Jewell	Faramia	4000
1148-9	West. Constr.	Owner	3000
1150	Baldwin	Nelson	3000
1151	Baglietto	Johnson	1000
1152	Beckett	Owner	7500
1153	Boyd	Owner	6000
1154	Conrad	Watson	3500
1155	Day	Owner	2000
1156	Jagg	Owner	3500
1157	Heltman	Heltman	2500
1158	Lurie	Clark	2400
1159	Mueller	Petersen	4000
1160	Murray	Johnson	3250
1161	Oak Sch.	Leiter	142217
1162	Rodgers	Johnson	3500
1163	Steiner	Flagg	4000
1164	Vets' Welf.	Nicholson	5000
1165	Bartell	Spaulding	7600
1166	Barthes	Barthes	6795
1167	Berk. City	V. Bokkelen	119,250
1168	Brooks	Arnold	4000
1169	Dickerson	Pickrell	4000
1170	Donnelson	Farks	5800
1171	Gerdes	Stiffe	2550
1172	La Jennesse	Knight	5800
1173	Lehman	Pond	4200
1174	Rupert	Snyder	1350
1175	Bragton	Vaughn	1480
1176	Kolb	Owner	1000
1177	Marshall	Owner	2800
1178	Oak Sch. Dist.	Stolte	70860
1179	Pressler	Owner	4500
1180	Revalli	Owner	5000
1181	Truehland	Owner	7000

1182	Brasch	Brasch	5000
1183	Bk. Amer.	Capital	4000
1184	Bassett	Owner	1000
1185	Bradley	Lee	4500
1186	Gail	Day	1100
1187	Wallstrom	Owner	3400
1188	haskins	Owner	3500
1189	Mirov	Mueller	1500
1190	Anderson	Atkinson	3000
1191	Brye	Flagg	5000
1192	Day	Thrams	3400
1193	Flagg	Owner	3650
1194	Flagg	Owner	3650
1195	Flagg	Owner	4000
1196	Hedge	Davis	5400
1197	Helbash	Owner	8400
1198	King	Flagg	4000

PUBLIC LAVATORY
 (1142) 1250 EUCLID, BERKELEY.
 Public Library.
 Owner & Builder—Municipal Utility District, Berkeley (City Hall).
 Architect—Not Given. \$2000

ADDITION
 (1143) 5485 CLAREMONT AVE., OAKLAND. Addition to apts.
 Owner—P. Pedrone, Prem.
 Contractor—J. P. Silva, 870 46th St.
 Architect—Not Given. \$8000

DWELLING
 (1144) 2171-75 107TH AVE., OAKLAND. One-story 6-room two-family dwelling.
 Owner & Builder—Wm. Pruner, 21104 East 14th St., Hayward.
 Architect—Not Given. \$3500

DWELLING
 (1145) 492 FLORENCE AVE., OAKLAND. One-story 6-room dwelling.
 Owner & Builder—Ray Towers, 2508 Benvenue Ave., Berkeley.
 Architect—Not Given. \$5500

DWELLING
 (1146) 1657 90TH AVE., OAKLAND. One-story 4-room dwelling.
 Owner—E. K. Watson, 7756 Outlook Ave.
 Contractor—A. Casqueiro, 2648 78th Ave.
 Architect—Not Given. \$2500

ALTERATIONS
 (1146) 1401 UNIVERSITY, BERKELEY. Alterations.
 Owner—E. Corvell, Prem.
 Contractor—E. H. Buel, 1295 Hearst.
 Architect—Not Given. \$1500

DWELLING
 (1147) 708 KEY ROUTE BLVD., ALBANY. One-story 3-room frame dwelling.
 Owner—Geo. R. Jewell, 1034 Stanage.
 Contractor—John Faramia, 827 Madison St.
 Architect—Not Given. \$4000

DWELLING
 (1148) 1541 9TH, BERKELEY. One-story 4-room frame dwelling and garage.
 Owner & Builder—Western Constr., 1305 13th St., Oakland.
 Architect—Not Given. \$3000

DWELLING
 (1149) 1561 9TH ST., BERKELEY. One-story 4-room frame dwelling and garage.
 Owner & Builder—Western Constr., 1305 13th St., Oakland.
 Architect—Not Given. \$3000

DWELLING
 (1150) 6391 HEATHERIDGE WAY, OAKLAND. One-story 4-room dwelling.
 Owner—L. E. Baldwin, Prem.
 Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
 Architect—Not Given. \$3000

ALTERATIONS
 (1151) 288 E. 18TH ST., OAKLAND. Alterations.
 Owner—J. L. Baglietto, Prem.
 Contractor—R. F. Johnson & Son, 560 36th St.
 Architect—Not Given. \$1000

P. O. BLDG.
 (1152) 3544 FRUITVALE AVENUE, OAKLAND. One-story post office building.
 Owner & Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
 Architect—Not Given. \$7500

DWELLING
 (1153) 4655 HARBOR DR., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—Maud Boyd, 615 44th St.
 Architect—Not Given. \$6000

DWELLING
 (1154) S. WISCONSIN ST., 730 W MIDVALE AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Louis V. Conrad, 3726 Virgen Ave.
 Contractor—Wm. Watson, 4750 Melton Ave.
 Also 1-story garage, \$250.
 Architect—Not Given. \$3500

ALTERATIONS
 (1155) 540 ALCATRAZ AVE., OAKLAND. Alterations.
 Owner and Builder—Dr. R. A. Day, 199 Montecito Ave.
 Architect—Alben Froberg, 1955 Webster St. \$2000

DWELLING
 (1156) 3354 HERRIER ST., OAKLAND. One-story 5-room dwelling.
 Owner & Builder—A. J. Flagg, 3743 Loma Vista Ave.
 Architect—Not Given. \$3500

(1157) 1532 HAVENSCOURT BLVD., OAKLAND. One-story 4-room dwelling.
 Owner—W. W. Heltman, 1741 68th Ave.
 Contractor—L. E. Heltman, 13070 Broadway Terrace.
 Also 1-story garage, \$100.
 Architect—Not Given. \$2500

SERVICE STATION
 (1158) 735 COLLEGE AVE., OAKLAND. One-story steel service station.
 Owner—The Lurie Co., 333 Montgomery St., San Francisco.
 Contractor—A. W. Clark, Jr., and Co., 1002 California Bldg.
 1-sty. steel comfort station, \$400.
 Architect—Not Given. \$2400

ALTERATIONS
 (1159) 4551-59 E. 14TH ST., OAKLAND. Alterations to store.
 Owner—Bueller Bros., 4559 E. 14th St.
 Contractor—J. E. Petersen & Son, 4021 Agua Vista Ave.
 Architect—Not Given. \$4000

DWELLING
 (1160) 7508 HILLSIDE, OAKLAND. Owner—Mr. Murray, Oakland.
 Contractor—Elmer Johnson, 6127 Foothill.
 Also garage, \$150.
 Architect—Not Given. \$3250

ADDITION
 (1161) 1401-15 LA CRESTA AVE., OAKLAND. Two-story concrete addition and reconstruction.
 Owner—Oakland School District, 1025 2nd Ave.
 Contractor—E. T. Leiter Sons, 811 37th St.
 Architect—W. G. Corlett, 1025 2nd Ave. \$142,217

DWELLING
 (1162) 6327 MAJESTIC. One-story 5-room dwelling.
 Owner—Jack Rodgers, Oakland.
 Contractor—Elmer Johnson, 6127 Foothill.
 Also garage, \$150.
 Architect—Not Given. \$3500

DWELLING
 (1163) 5201 COCHRANE AVENUE, OAKLAND. One-story 5-room dwelling.
 Owner—L. V. Steiner, Prem.
 Contractor—A. J. Flagg, 3743 Loma Vista Ave.
 Architect—Not Given. \$4000

RETAINING WALL
 (1164) 6122-40 MARGARIDO DR., OAKLAND. Concrete retaining wall.
 Owner—Vets' Welfare Board, 364 14th St.
 Contractor—D. W. Nicholson, 357 12th St.
 Architect—Not Given. \$5400

DWELLING
 (1165) 2969 SOUTHWOOD DRIVE, ALAMEDA. Two-story 8-room dwelling.
 Owner—Richard Bartell, Prem.
 Contractor—Perry Spaulding, 1511 Union St., Alameda.
 Architect—Not Given. \$7600

ALTERATIONS, ETC.
 (1166) 1900 CLINTON AVE., ALAMEDA. Alterations and additions.
 Owner—Francis W. Barthes, 929 Lafayette St., Alameda.
 Contractor—Francis W. Barthes.
 Architect—C. N. Burrell, 1448 Webster St., Alameda. \$6795

SCHOOL BLDG.
 (1167) 2211 GROVE ST., BERKELEY. School building.
 Owner—City of Berkeley.
 Contractor—W. K. Van Bokkelen, Oakland.
 Architects—H. H. Gutterson, S. F., and Will G. Corlett, Oakland. \$119,250

DWELLING
 (1168) 921 REGENT ST., ALAMEDA. One-story 5-room dwelling.
 Owner—George E. Brooks, 736 Lincoln Ave.
 Contractor—Harry W. Arnold, 816 Oak St., Alameda.
 Architect—Not Given. \$4000

DWELLING
 (1169) 601 PACIFIC AVE., ALAMEDA. One-story 5-room dwelling.
 Owner—J. Dickerson, Prem.
 Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.
 Architect—Not Given. \$4000

DWELLING
 (1170) 1150 GRIZZLY PEAK BVD., BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—D. K. Donnellson, San Francisco.
 Contractor—Randolph Parks, 688 Grizzly Peak Blvd.
 Architect—Not Given. \$5800

DWELLING
 (1171) 1146 CORNELL, BERKELEY. One-story 4-room frame dwelling and garage.
 Owner—J. D. Gerdes, Mill Valley.
 Contractor—B. A. Stoffe, 2618 Ritchie St., Oakland.
 Architect—Not Given. \$2550

DWELLING
 (1172) 2444 ROOSEVELT DRIVE, ALAMEDA. Two-story 6-room dwelling.
 Owner—H. N. La Jeunesse, Jr., 1611

San Jose Ave., Alameda.
Contractor—Harry C. Knight, 1435
Harrison St., Oakland. \$5800
Architect—Not Given.

DWELLING
(1173) 1420 EIGHTH ST., ALAME-
DA. One-story 5-room dwelling.
Owner—Paul Lehman, 1337 Sherman
St., Alameda.
Contractor—C. P. Pond, 1056 Ard-
more St., Oakland.
Architect—Francis H. Slocum, Pied-
mont. \$4200

ALTERATIONS
(1174) 2011 HASTE, BERKELEY.
Alterations.
Owner—W. J. Rupert, 2007 Haste.
Contractor—O. A. Snyder, 2118 Grant.
Architect—Not Given. \$1350

ADDITION
(1175) 5638 AYALA ST., OAKLAND.
Addition.
Owner—A. L. Brayton, Prem.
Contractor—Wiley T. Vaughn, 103
Bayo Vista Ave.
Architect—Not Given. \$1480

ALTERATIONS, ETC.
(1176) 3003 SUMMIT ST., OAK-
LAND. Alterations and repairs.
Owner & Builder—Harrison J. Kolb,
5502 Grove St.
Architect—Not Given. \$1000

ALTERATIONS, ETC.
(1177) 429 36TH ST., OAKLAND.
Alterations and additions.
Owner & Builder—M. E. Marshall,
Prem.
Architect—Not Given. \$2800

RECONSTRUCT SCHOOL
(1178) 6201-6235 HERZOG ST.; 1080
62ND ST., OAKLAND. Recon-
struct school.
Owner—Oakland School District, 1025
2nd Ave.
Contractor—F. C. Stoltz, 1405 San
Antonio Ave., Alameda.
Architect—W. G. Corlett, 1025 2nd
Ave. \$70,860

(1179) 3023 HYDE ST., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Walter Pressler,
1419 Excelsior Ave.
Architect—Not Given. \$4500

(1180) 3231 KNOWLAND AVE.,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—Larry A. Revelli,
3127 Kingsland Ave.
Architect—Not Given. \$5000

DWELLING
(1181) 5715 CABOT DR., OAKLAND
One-story 5-room dwelling.
Owner & Builder—J. N. Trueblood,
310 63rd St.
Architect—Not Given. \$7000

DWELLING
(1182) 1680 SHORT, BERKELEY.
Two-story 6-room frame dwell-
ing and garage.
Owner & Builder—M. G. Brasch, 1600
Mountain Blvd., Oakland.
Architect—Not Given. \$5000

ALTERATIONS
(1183) 1332-38 BROADWAY, OAK-
LAND. Alterations.
Owner—Bank of America, 1 Powell
St., San Francisco.
Contractor—Capital Co., 1106 Broad-
way.
Architect—Not Given. \$4000

ALTERATIONS
(1184) 1036 E. 12TH ST., OAK-
LAND. Alterations.
Owner & Builder—A. S. Bassett, 1034
E. 12th St.
Architect—Not Given. \$1000

DWELLING
(1185) 2907 58TH AVE., OAKLAND.
One-story 6-room dwelling.
Owner—Wm. F. Bradley, Prem.
Contractor—E. F. Lee, 2813 Hum-
boldt Ave.
Architect—Not Given. \$4500

ADDITION
(1186) 7009 LACEY ST., OAKLAND.
Addition.
Owner—Katherine Gail, Prem.
Contractor—H. L. Day, 5934 Trenor
St.
Architect—Not Given. \$1100

DWELLING
(1187) 1331 E. 32ND ST., OAK-
LAND. One-story 5-room dwell-
ing.
Owner & Builder—Carl Walstrom,
1447 Excelsior Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$3400

DWELLING
(1188) 1032 RAMONA, ALBANY.
One-story 6-room frame dwell-
ing and garage.
Owner & Builder—W. E. Haskins,
823 Masonic Ave.
Architect—Not Given. \$3500

ADDITIONS
(1189) 1584 SCENIC, BERKELEY.
Additions.
Owner—N. T. Mirov, Prem.
Contractor—T. R. Mueller, 698 Cres-
ton Road.
Architect—Not Given. \$1500

DWELLING
(1190) 7051 BROADWAY TERR.,
OAKLAND. One-story 4-room
dwelling.
Owner—Miss M. Anderson, 867 Ce-
dar St., Alameda.
Contractor—C. E. Atkinson, 3748
Bruce St.
Architect—Not Given. \$3000

DWELLING
(1191) 3369 HERRIER ST., OAK-
LAND. 2-story 6-room dwelling.
Owner—Chet Brye, Prem.
Contractor—A. J. Flagg, 3743 Loma
Vista Ave.
Architect—Not Given. \$5000

WAREHOUSE
(1192) 401 E. 8TH ST., OAKLAND.
One-story brick warehouse and
garage.
Owner—F. J. Day, Prem.
Contractor—C. H. Thrans, 28 Home
Place.
Architect—R. Keefer, 585 Mandana
Blvd. \$3400

DWELLING
(1193) 1009 MOUNTAIN BLVD.,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—J. S. Flagg, 3450
Morcom Ave.
Architect—Not Given. \$3650

DWELLING
(1194) 3350 HERRIER ST., OAK-
LAND. One-story 5-rm. dwell-
ing.
Owner & Builder—A. J. Flagg, 3743
Loma Vista Ave.
Architect—Not Given. \$3650

DWELLING
(1195) 4410 ALLENDALE AVE.,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—J. S. Flagg, 3450
Morcom Ave.
Architect—Not Given. \$4000

DWELLING
(1196) 2623 CAMINO LENADA,
OAKLAND. One-story 6-room
dwelling.
Owner—Marvin and Opal Herge, 1924
Broadway.

Contractor—O. O. Davis, 1924 Broad-
way.
Also 1-story garage, \$300.
Architect—Not Given. \$5400

DWELLING
(1197) 7033 HEMLOCK ST., OAK-
LAND. Two-story 6-rm. dwell-
ing.
Owner & Builder—A. W. Helbush,
700 E. 24th St.
Architect—Not Given. \$8400

DWELLING
(1198) 3357 KIWANIS ST., OAK-
LAND. One-story 5-rm. dwell-
ing.
Owner—R. P. King, Prem.
Contractor—A. J. Flagg, 3743 Loma
Vista Ave.
Architect—Not Given. \$4000

DWELLING
(1199) 9329 SKYLINE BLVD., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—W. E. Maxfield, Prem.
Contractor—Chas. Ungaretti, 1727
Foothill Blvd.
Architect—Ray Keefer, 585 Mandana
Blvd. \$4500

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
309 Paskarolis	Filippis	1600
310 Youngman	Tomlin	3900

ADDITION
(309) 1252-A MASON ST. Addition
to a two-story frame dwelling.
Owner—P. Paskarolis, Prem.
Architect—F. W. Dakin, 625 Market
St.
Contractor—V. Filippis, 269 24th Ave.
Filed May 12, '38. Dated May 3, '38
Frame erected \$400
Wiring roughed in 400
Completion 400
Usual 35 days 400
TOTAL COST, \$1,600.00

Bond, \$500. Surety, Fireman's Fund
Indemnity Co. Limit, 40 days. Plans
and specifications filed.

DWELLING
(310) S. 24TH ST., 150 E DOUG-
LASS. One-story and basement
frame dwelling.
Owner—Geo. F. Youngman, Jr.
Contractor—Benjamin F. Tomlin.
Filed May 17, '38. Dated May 16, '38
Roof complete—25%.
Brown coated—25%.
Completion—25%.
Usual 35 days—25%.
TOTAL COST, \$3900.00
Limit, 90 days.

BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner	Contractor	Amt.
185 Jeunesse	Knight	5700

RESIDENCE
(185) 2444 ROOSEVELT DRIVE,
Alameda. Six-room residence.
Owner—Harold V. and G. Arvilla La
Jeunesse.

Plans by J. Minchin.
Contractor—Harry C. Knight, 1435
Harrison St., Oakland.
Filed, May 18, '38. Dated, May 6, '38
Foundation in \$480.00
Frame up 1080.00
Interior ready for ptg. 1300.00
Completion 860.00
Owner occupies residence. 732.00
Usual 35 days 1250.00
TOTAL COST, \$5,700.00
Limit, 75 days. Plans and specifica-
tions filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------------|
| 1.—Apartments | Offices |
| 2.—Bonds | 11.—Ice and Cold Storage Plants |
| 3.—Churches | 12.—Power Plants |
| 4.—Factories and Warehouses | 13.—Public Buildings, Fire Houses and |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & |

1—APARTMENTS

Sub-Contracts Awarded
APARTMENTS Cost, \$16,000
SANTA JOSE, Santa Clara Co., Calif.
 Alvarado Avenue.

New apartment building (7 apts.)
 Owner—E. Portaluppi, Milpitas Rd.,
 Santa Jose.

Architect—Not Given.
 Contractor—V. J. Sunzeri, 176 North
 31st Street, San Jose.

Plumbing—O. J. Cleweth, 131 Boston
 Avenue.

Heating and Sheet Metal—Western
 Sheet Metal Works, 393 Santa
 Clara Street.

Tile Work—R. Malvini, 1390 Everett
 Street.

Glass, Mill and Hardware—Pacific
 Mfg. Co., Santa Clara.

Hardware Floors—L. R. Stephens,
 McLaughlin Ave. near Story Rd.
 Lumber—Cheim Lumber Co., 1400 The
 Alameda.

Painting—J. W. Walker, 140 North
 24th Street.

Lathing and Plastering—G. Roman;
 & Sons, 1046 W. San Fernando.
 All of San Jose unless otherwise
 noted. * 1

4— FACTORIES & WARE- HOUSES

Plans Being Figured—Bids Close
 May 26, 5:00 P. M.
WAREHOUSE AND OFFICE
 Cost, \$.....

SANTA ROSA, Sonoma Co., Cal.
 Reinforced concrete building (40x80
 ft.), to contain coolers, offices
 and storage space; cork insulation,
 composition roof, concrete
 floors, etc.

Owner—Challenge Cream & Butter
 Association.

Architect—Clarence Caulkins, Rosen-
 berg Bldg., Santa Rosa.

Plans are being figured by the
 following selected list of contractors,
 all of Santa Rosa:

Wm. D. Rapp, 1413 17th St.
 C. W. Hansen, P.O. Box 115, Santa
 Rosa.

Joseph Chirhart, 431 10th St.
 N. R. Nicolaisen.

Construction Starts Shortly
ADDITIONS Cost, \$.....
SANTA CLARA, Calif.

Additions to Sanitary Creamery.
 Owner—Withheld.
 Architect—Higgins & Root, Chester
 Root, Architect, Security Bldg.,
 San Jose.

Contractor—Frank Nevis, 891 Harri-
 son St., Santa Clara.
 Construction starts Monday.

Contract Awarded
WAREHOUSE Cost, \$15,000
SAN FRANCISCO, E. Mission St.,
 200 ft. N 15th St.

One-story Class C warehouse.
 Owner—E. A. Howard, 80 Howard
 Street.

Architect—Fred Reimers, 233 Post
 Street.

Engineer—Norman B. Green, 55 New
 Montgomery St.
 Contractor—E. T. Leiter Sons, 811
 37th St., Oakland.

Additional Sub Contracts Awarded
WAREHOUSE Est. Cost, \$10,000
SAN FRANCISCO. Beale and Bry-
 anton Streets.

Steel frame warehouse (wood and
 composition roof, wood piles,
 steel sash).

Owner—Matson Navigation Co., 215
 Market Street.

Structural Engineer—Kaj Theill, 580
 Market Street.

Contractor—Lindgren & Swinerton,
 Inc., 225 Bush St.

Plumbing—James A. Nelson, Inc.,
 1375 Howard St.

Electric Wiring—Chas. A. Langlais,
 472 Tehama St.

Common Brick—Remillard & Dan-
 dini, 569 3rd St., Oakland.

Prest Brick—Richmond Brick Co.,
 Richmond.

Brick—Port Costa Brick Co.
 Rolling Doors—Kinnear Mfg. Co. of
 Calif., 361 Brannan St.

Sheet Metal—Morrison & Co., 74 Du-
 boise St.

Ready-mix Mortar—S. F. Building
 Material Co., 3070 23rd St.

Sub contracts previously awarded
 reported Feb. 21, Mar. 3 and Apr. 12.

May 15, 1938

PLANS BEING FIGURED

LOS ANGELES, Cal.—Until May
 27, 4 P. M., revised bids will be re-
 ceived by Swift & Co., Constructor,
 Department, 3750 Jewel Ave., Vernon
 for a new meat packing plant to be
 constructed at the company's local
 headquarters at the above address.
 Work being figured at this time is
 a revision of the original bid. The
 plant will consist of a 5-story rein-
 forced concrete killing building, 115x
 137-ft. in area; a 6-story, reinforced
 concrete cooler building, L-shaped,
 168x144-ft.; a 4-story, reinforced con-
 crete manufacturing building, 141x
 124 ft.; a structural steel and tim-
 ber stock drive and storage pens;
 asphalt and crushed stone paving,
 and sewerage and drainage system.
 Wrecking of existing structure is in-
 cluded. The owner will furnish and
 install elevators and cattle drop,
 packing house equipment, insulation
 permanent electric wiring, perma-
 nent heating system, refrigeration
 piping and equipment, permanent
 water piping, steel smokestack doors
 and double leaf elevator doors. The
 garage and barrel washing building,
 included in the original bid, will be
 omitted.

Following contractors are figuring
 plans:

Ford J. Twaits Co., Architects'
 Bldg., Los Angeles; Earuch Corp. and
 Barrett & Hill, 625 S. Olive Street,
 Los Angeles; Geo. A. Fuller Co., 408
 S. Spring St., Los Angeles; Austin
 Co., 777 E. Washington Blvd., Los
 Angeles; Clinton Const. Co., 923 Fol-
 som St., San Francisco; Los Angeles
 Contr. Co., 4816 W Pico Blvd., Los
 Angeles. * 4

6— GARAGES & SERVICE STATIONS

Now Taking Bids
BUS TERMINAL Est. Cost, \$100,000
EMERYVILLE, Alameda Co., Calif.
 Block bounded by San Pablo Ave.
 45th, 47th, and Watts Streets.

New steel frame and reinforced con-
 crete motor coach terminal (steel
 sash, metal toilets and shower
 stalls, tile walls and floors in
 lavatories, wall board inter-fin-
 ish, industrial lighting, steel over-
 head doors, wood purlins and
 sheathing, composition roof, hot
 water heating, usual plumbing,
 asphalt paving and parking area,
 wire fence, two 12,000-gal. under-
 ground gasoline tanks, mechan-
 ical equipment such as compres-
 sors, hoists, oil pumps, gasoline
 pumps, etc.

Owner—Railway Equipment & Realty
 Co., Ltd., 2129 Grove Street, Oak-
 land.

Architects—Kent and Hass, Under-
 wood Bldg., San Francisco.
 Contractor—Dinwiddie Const. Co.,
 Inc., 210 Crocker Bldg., San Fran-
 cisco.

The contractor is receiving sub-
 bids on all portions of the work
 except the mechanical equipment and
 paving work, which sub-bids are be-
 ing received by the architects.

Under Construction
SERVICE STATION Cost, \$.....
OAKLAND, Alameda Co., Cal. NE
 22nd and Telegraph Ave.

New gasoline service station.
 Owner—Union Oil Co., 220 Montgom-
 ery St., San Francisco.
 Plans by Engrg. Dept. of Owner.
 Contractor—Fred J. Early, Jr., 369
 Pine St., San Francisco.

Construction Underway
SERVICE STA. Cost, \$.....
SAN BERNARDINO, Cal. Mt. Ver-
 non Ave. and Base Line St.

New gasoline service station, includ-
 ing grading, foundations, con-
 crete floors and approaches, elec-
 trical work, plumbing, tank and
 pump work, etc.

Owner—Standard Oil Co. of Calli-
 fornia, San Diego.
 Plans by Engr. Dept. of Owner.
 Contractor—L. P. Scherer, Redlands
 Theater Bldg., Redlands.

Under Construction
SERVICE STATION Cost, \$.....
MODESTO, Stanislaus Co., Cal. 12th
 and J streets.

Steel gasoline service station.
 Owner—Union Oil Co., 220 Montgom-
 ery St., San Francisco.
 Plans by Engrg. Dept. of Owner.
 Contractor—Aetna Constr. Co., 1730
 24th Ave., San Francisco.

Sub Contracts Awarded
MODERNIZATION Cost, \$.....
SAN FRANCISCO. Market St. and
 Duboce Ave.

Modernization of gasoline service
 station, including concrete work,
 excavation, electric work, plum-
 bing, tile and mill work.

Owner—Shell Oil Co.
 Plans by Engrg. Dept. of Owner.
 Contractor—F. C. Amoroso & Sons,
 NE Keith and Wallace Sts.
 Plumbing—Scott Co., Inc., 243 Minna
 Street.

Mill Work—Anderson Bros., Quint
 and Custer Sts.

7— FEDERAL BUILDINGS

BIDS OPENED

RENO, Nevada.—H. H. Walker, Inc., 1233 Venice Blvd., Los Angeles, at \$31,434, submitted low bid to the Supervising Supt. of Construction, Vets' Administration Facility, Palo Alto, Cal., for plumbing, heating and electrical work at Veterans' Administration Facility, Reno, Nev., Treatment Bldg. No. 1.

Work will include plumbing, heating, ventilation of kitchen, boiler plant, oil burners, electrical work, outside electrical service connections, nurses' call system, etc.

Other bids were:

W. E. Humes, Reno.....\$32,425
J. A. Fazio, Oakland.....39,385
Johnson & Washer, L. A.....42,861

CONTRACT AWARDED

SEATTLE, Wash.—Wm. Petersen, Seattle, Wash., at \$730, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for driveway and drainage modifications at the U. S. Post Office, University Postal Station, Seattle.

CONTRACT AWARDED

AUBURN, Wash.—Concrete Const. Co., Auburn, Wash., at \$465, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of concrete sidewalks, etc., at the U. S. Post Office at Auburn, Wash. 7

CONTRACT AWARDED

PHOENIX, Ariz.—Frank Harmonson Co., 829 E. Jefferson St., Phoenix, at \$198, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for air conditioning repairs in the U. S. Post Office at Phoenix.

CONTRACT AWARDED

ONTARIO, Ore.—A. G. Plant, Ontario, Ore., at \$131.75, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curbs at the U. S. Post Office at Ontario. 7

LOW BIDDERS

RED BLUFF, Cal. and PORTLAND, Ore.—Henry L. Grohne, Decatur, Ill., at \$10,728, submitted low bid to the Division of Purchases and Sales, Dept. of Commerce, Washington, D. C., on first and second items for loop antenna system and radio facility buildings at Red Bluff, Tehama County, Cal., and Roy E. Smith, Portland, Ore., at \$10,477, submitted low bid on third and fourth items at Portland, Ore. Second low bid on third and fourth items at Portland, Ore., was submitted by Henry L. Grohne, at \$12,144. Prop. 29131. Work consists of construction of five 133-ft. steel towers (steel furnished) and the construction of 15½ by 28-ft. masonry buildings, concrete foundations, driveway, etc.; and at Portland, a fence.

BIDS WANTED

FORT LYON, Colo.—Until June 21, 1:30 p.m., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for furnishing and installing wire grilles for Building No. 201, at Fort Lyon, Colo.

Drawings and specifications may be obtained at the above office or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif.

BIDS WANTED

FORT JONES, Cal.—Until June 2, bids will be received by the Division

of Purchases and Sales, Dept. of Commerce, Washington, D. C., for erection of loop antenna system and radio facility buildings at Fort Jones, Cal.

BIDS WANTED

ARIZONA.—Until June 2, 2 p.m., bids will be received by the U. S. Dept. of Agriculture, G. M. Shumaker, Area Construction Engineer, Rm. 2, National Bank Bldg., Tempe, Arizona, for a transient labor camp to be built near the Agua Fria River, west of Phoenix. The camp will have 300 platforms for either canvas or sheet metal houses, administration building, sewage facilities and electric and water distribution lines. Estimated cost, \$100,000. Work of developing water has already started.

Plans and specifications may be obtained from the Farms Security Administration, 227 Wells Fargo Bldg., San Francisco, and from J. A. Waldron, state administrator for the FSA, Tempe, Arizona, upon deposit of \$25.

COMPLETE BIDS

MT. SHASTA, Siskiyou Co., Cal.—Edward Green, 3025 St. George St., Los Angeles, at \$5,803, submitted low bid on Items 1 and 2 to the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for erecting a loop antenna system and radio facility building near Mount Shasta. Proposal 29,130.

Complete bids were:

Ed. Green, Los Angeles, Calif.—Item 1, \$3,313; (Item 2), \$2,490; (Items 1 & 2), \$5,803.

Wickes Engrg. & Constr. Co., Des Moines, Iowa—\$2,690.50; \$3,753; \$6,443.50.

Albert Young, Yreka, Cal.—\$4,381.32; \$3,895.66; \$8,276.98.

LOW BIDDERS

HICKAM FIELD, T. H.—Aqua System, Inc., New York, at \$101,565, submitted low bid to the Constructing Quartermaster, Capt. H. B. Nurse, Hickam Field, T. H., for construction of Air Corps Gasoline Fueling System at Hickam Field.

Second low bid submitted by Bennett & Taylor, Los Angeles, at \$119,302.

BIDS OPENED

SPOKANE, Wash.—Chas. Dahlgren, Seattle, Wash., at \$7,099, submitted low bid to the Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for construction of Adcock Tower Antenna and Radio Facility Bldg. near Spokane. Proposal 29,116.

Complete bids follow:

Chas. Dahlgren, Seattle, Wash.—(Item 1) \$7,099; (Item 2) \$2,849; (Items 1 & 2) \$9,948.

Contracting & Sales Co., Portland—\$7,007; \$3,957.40; \$10,964.40.

Fred E. Dudley, Great Falls, Mont.—\$3,428.50; \$3,719; \$12,147.50.

Joseph Sebacher, Offerle, Kans.—\$9,003; \$3,505; \$12,508.

Alloway & George, Spokane, Wash.—\$8,922.50; \$3,621.60; \$12,544.10.

Gerald H. Bostwick, Dillon, Mont.—\$9,603.90; \$4,034.50; \$13,648.40.

M. E. Southers, St. Paul, Minn.—\$9,586; \$4,242.20; \$13,828.20.

Lewis Delivuk & Co., Spokane—\$10,051; \$3,325.20; \$13,376.20.

James Leck Co., Minneapolis, Minn.—\$10,104.50; \$4,257.80; \$14,362.30.

Wickes Engrg. & Constr. Co., Des Moines, Iowa—\$10,778; \$4,074.40; \$14,848.40.

Howard Pyle, Seattle, Wash.—\$10,628; \$5,123; \$15,751.

C. C. Warrington, Cheyenne, Wyo.—\$9,282.

BIDS WANTED

KAKE and KODIAK, Alaska.—Until May 23, bids will be received by the United States Dept. of the Interior, Indian Service, Washington, D. C., for construction of Nurses' Quarters and Dispensary at Kake and Kodiak, Alaska.

BIDS REJECTED

WATSONVILLE, Santa Cruz Co., Cal.—The Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received for insect screens in the U. S. Post Office at Watsonville. Work will be re-advertised.

The Robbins Mfg. Co., Chicago, at \$613, submitted previous low bid.

BIDS WANTED

SAN DIEGO, Cal.—Until May 31, 11 a.m., bids will be received by the Eleventh Naval District, Pub. Works Officer, foot of Broadway, San Diego, for insulation of cold storage room and relocating existing refrigerating equipment at the Naval Operating Base (Marine Corps Rifle Range), San Diego. Spec. 8735.

Work includes (a) the furnishing of materials for, and the installation of, insulating materials for a new cold storage room, approximately 10 by 14 ft. floor area; and (b) the removal of the existing refrigerating equipment and the reinstallation of an existing cold storage room door and the existing refrigerating equipment.

Bidding data obtainable from the Public Works Officer upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks. * 7

CORRECTION

ARIZONA.—Until June 6, 2 p.m., bids will be received by the U. S. Dept. of Agriculture, G. M. Shumaker, Area Construction Engineer, Room 2, National Bank Bldg., Tempe, Ariz., for a transient labor camp to be built near the Agua Fria River, west of Phoenix; Spec. FSAC-27. The camp will have 300 platforms for either canvas or sheet metal houses, administration building, sewage facilities and electric and water distribution lines. Estimated cost, \$100,000. Work of developing water has already started.

Plans and specifications may be obtained from the Farms Security Administration, 227 Wells Fargo Bldg., San Francisco, and from J. A. Waldron, state administrator for the FSA, Tempe, Arizona, upon deposit of \$25.

Opening date previously reported in error.

BIDS OPENED

RENO, Nev.—Alta Roofing Co., 974 Indiana St., San Francisco, at \$1,166 submitted low bid to the Supervising Supt. of Const., Veterans' Administration Facility, Palo Alto, Calif., for roofing and sheet metal work for Treatment Bldg. No. 1, at Veterans' Administration Facility, Reno.

Work will include built-up roofing, copper roofing, plastic flashing, metal flashing, ventilators, downspouts, etc.

Only other bid submitted by Main Cornice Works, Los Angeles, at \$173.

OPENING DATE POSTPONED

SACRAMENTO AIR DEPOT.—Until June 7, 2 p.m. (postponed from May 24), bids will be received by the Constructing Quartermaster, Sacramento Air Depot, California, for the construction of Engine Test Bldg., at the Air Depot.

Plans and specifications may be obtained from the above office upon

deposit of \$20 certified check, payable to the Treasurer of the United States.

BIDS OPENED

TULARE CO., Cal.—Fred F. Greenfield Co., 7310 S. Figueroa St., Los Angeles, submitted low bid on Item 1, at \$155,120, to the United States Dept. of Agriculture, Farm Security Administration, Room 418, Wells-Fargo Bldg., 85 Second St., San Francisco, for construction of the Tulare Unit of the California Migratory Labor Camps Project, in Tulare Co., Cal.

Work will include construction of buildings, clearing, grading, road work, drainage, water distribution system, electrical distribution system, and sewage and garbage disposal systems

Bids were received on the following propositions: (1) work complete; (2) work complete, omitting twelve houses and six garages, etc.; (3) work complete, omitting 24 houses and 12 garages, etc.; (4) work complete, omitting 36 houses and 18 garages; (5) work complete, omitting 48 houses and 24 garages; (6) deduct if wood lattices are substituted in all "N" openings and all sash omitted in assembly and nursing building.

Complete bids follow:

Fred F. Greenfield Co., L. A.—(1) \$155,120, (2) \$142,254, (3) \$130,379, (4) \$116,708, (5) \$103,002, (6) \$28.

Eser Wilkhalm, Hawthorne—(1) \$165,500, (2) \$150,200, (3) \$133,500, (4) \$113,700, (5) \$94,500, (6) \$200.

E. C. Nickel, Arcadia—(1) \$169,000, (2) \$152,000, (3) \$136,000, (4) \$131,000, (5) \$120,000, (6) \$300.

Wesco Const. Co., L. A.—(1) \$180,900, (2) \$161,100, (3) \$141,300, (4) \$121,700, (5) \$102,200, (6) \$25.

Midstate Constr. Co., Fresno—(1) \$182,355, (2) \$162,856, (3) \$142,755, (4) \$122,873, (5) \$102,823, (6) \$150.

Wm. P. Neil Co., Ltd., L. A.—(1) \$183,600, (2) \$166,600, (3) \$148,600, (4) \$131,600, (5) \$113,600, (6) \$50.

Fred J. Early, Jr., S. F.—(1) \$188,944, (2) \$167,000, (3) \$145,944, (4) \$124,444, (5) \$102,944, (6) \$25.

Trewhitt, Shields & Fisher, Fresno—(1) \$193,000, (2) \$170,000, (3) \$150,000, (4) \$127,000, (5) \$103,000, (6) \$150.

L. H. Hansen & Sons, Fresno—(1) \$213,360, (2) \$186,005, (3) \$161,734, (4) \$136,876, (5) \$113,429, (6) \$125.

Construction Division, Farm Security Administration, Engineer's estimate: (1) \$169,352, (2) \$150,051, (3) \$130,769, (4) \$110,601, (5) \$89,844, (6) \$150.

BIDS WANTED

FORT LEWIS, Wash—Until June 10, bids will be received by the Constructing Quartermaster, Fort Lewis, Wash, for construction of a night lighting system at Fort Lewis.

MATERIALS APPROVED

HONOLULU, Hawaii.—Treasury Department has approved the following equipment award for construction of the Quarantine Station at Honolulu; MacDonald Const. Co., contractor.

Transformer, Westinghouse Elec. & Mfg. Co. 7

LOW BIDDER

SAN DIEGO, Cal.—M. H. Golden, Bank of America Bldg., San Diego, at \$12,052 (Items 1 and 2), submitted low bid to the U. S. Dept. of Commerce, Division of Purchases and Sales, Washington, D. C., for erection of steel tower antenna system and radio facility building at San Diego. 7

8— CLUB BUILDINGS

Plans Completed
ALTERATIONS Cost, \$10,000
SAN FRANCISCO. 465 Post St.
Alterations to club.
Owner—Women's City Club.
Architect—Bliss & Fairweather, 606 Hobart St. 8
(134)

9— HOSPITALS

Bids Opened
FEMALE CUSTODIAL BLDGS.
IMOLA, Napa Co., Cal. Napa State Hospital.
Erection and completion of Female Custodial buildings comprising a group of six buildings having a total combined floor area of approximately 125,000 sq. ft. The buildings are one- and two-story, of reinforced concrete construction, with hollow tile partitions, steel sash and shingle tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Separate bids received as follows:
(1) general work; (2) electric work; (3) plumbing work; (4) heating and ventilating work.

Complete bids follow:

General Work
James I. Barnes Const. Co., Santa Monica, and Wilhoit Building, Springfield, Mo., \$490,000.

Campbell Const. Co., Sacramento, \$528,784.

H. Mayson, Los Angeles, \$527,757 (includes telegraphic deduction of \$21,000).

K. E. Parker Co., San Francisco, \$534,700.

Clinton Const. Co., San Francisco, \$547,000 (includes telegraphic deduction of \$32,600.)

MacDonald & Kahn Co., Ltd., San Francisco, \$572,275.

Electric Work
Alta Electric & Mechanical Co., Inc. 467 O'Farrell St., San Francisco \$21,400.

Norman A. Russell, Santa Rosa, \$22,300.

Eddy Electric & Mechanical Company, Stockton, \$22,969.

Roy M. Butcher, San Jose, \$22,989.

Cory & Joslin, San Francisco, \$23,400.

G. H. Armstrong, San Francisco, \$23,799.

Scott-Buttner Co., Oakland, \$24,100

Abbett Electric Co., S. F., \$24,407.

Central Electric Co., S. F., \$24,580.

Chandler Electric Co., Los Angeles, \$26,629.

Plumbing Work
The Miller Hays Co., 742 E. Weber Ave., Stockton, \$57,520.

J. A. Fazio, Oakland, \$57,643.

Jas. A. Nelson, San Francisco, \$58,220.

Scott Co., Inc., San Francisco, \$53,737 (includes telegraphic deduction of \$500).

Herman Lawson Co., S. F., \$59,998.

M. R. Carpenter, Sacramento, \$60,092.

Heating and Ventilating
Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, \$46,640.

Pacific Heating & Ventilating Co., Oakland, \$46,835.

M. R. Carpenter, Sacramento, \$46,867.

Cory & Joslin, Inc., \$47,891 (includes telegraphic deduction of \$600).

Jas. A. Nelson, Inc., San Francisco, \$48,600.

Miller Hays Co., Stockton, \$49,159.

Herman Lawson Co., S. F., \$49,300.

O'Mara & Stewart, S. F., \$50,745.

Scott Co., Inc., S. F., \$51,699.

M. J. Reeves Heating Co., San Francisco, \$52,890.

Preparing Plans
HOSPITAL Cost, \$50,000
LINDSAY, Tulare Co., Calif.
Concrete municipal hospital.
Owner—City of Lindsay.
Architect—Fred L. Swartz, Brick Bldg., Fresno.
PWA grant will be applied for.

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

BIDS WANTED

YERBA BUENA SHOALS.—Until June 3, 2 p.m., bids will be received by the Dept. of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building for construction of the Plumbing and Ventilating for Alameda-Contra Costa Bldg., Mission Trails Building, and the Shasta-Cascade Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the State Architect, 803 State Bldg., Los Angeles, and at the office of the Builders Exchange in San Francisco and in Oakland.

Bids must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 10% of bid.

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until June 3, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building for construction of the electrical work for the Alameda-Contra Costa Building, Mission Trails Bldg., and the Shasta-Cascade Bldg., on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the State Architect, 803 State Bldg., Los Angeles, and at the office of the Builders' Exchange in San Francisco and in Oakland.

Bids must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 10% of bid

Low Bidder

WAREHOUSE
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction of warehouse; Contract No. 161.

Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.
Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St., San Francisco.

Low Bidder—Clinton Constr. Co., 923 Folsom St., \$27,450.

CONTRACT AWARDED

SAN DIEGO, Cal.—Chas Hoskins, 1764 Kettner Blvd., San Diego, was awarded contract by the City and County of San Diego at \$38,185, for completion of entire interior, except ground floor below main floor, of the new San Diego City and County Administration Bldg., Pacific Highway and Beach Street.

Award made on basic bid of \$313,000.

\$51 with additions totaling \$34,304, of Alternates 2, 3, 4, 5, 8, 9, and 10.

Complete list of (A) basic bids; and (B) total bids, follows:

M. H. Golden: (A) \$308,340; (B) \$340-252

Chas. Hoskins, 1764 Kettner Blvd., San Diego: (A) \$313,851; (B) \$311,655.

H. Mayson: (A) \$317,556; (B) \$347,456.

Ford J. Twaits Co.: (A) \$231,353; (B) \$348,709.

J. K. Thomas: (A) \$327,672; (B) \$356-657.

B. O. Larson: (A) \$329,000; (B) \$359-800.

Weymouth Crowell Co.: (A) \$333,900; (B) \$361,495.

Hunt & Curry: (A) \$336,050; (B) \$364,500.

Theo. A. Bever Corp.: (A) \$345,988; (B) \$376,556. 13

Planned

CIVIC AUDITORIUM Cost, \$27,000

MARTINEZ, Contra Costa Co., Cal. One-story frame and stucco civic auditorium (78x128-ft.)

Owner—City of Martinez.

Plans by City Engineer O. K. Smith. Recommendation to city council will be made May 13 that the city pay for materials and that labor be furnished by WPA or by a PWA grant and loan.

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

dens, South Court, and East Long Court; Contract No. 188.

Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St., San Francisco.

Low Bidder—Alta Roofing Co., 976 Indiana St., San Francisco—\$2-666.

Low Bidder

ELECTRIC FIXTURES

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Electrical fixts., Air Terminal Bldg.; Contract No. 185.

Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St.

Low Bidder—Abbett Electric Co., 126 Sears St., S. F.—\$6,050.

Opening date on above work, originally scheduled to open May 23, was advanced to May 16, and prospective bidders notified of advanced date through notification slips inserted in copies of specifications. No official announcement of change was made by the Exposition Company.

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

W. Patterson Bldg., Fresno. Federal grant will be applied for.

Bids Wanted—To Close May 26, 3:00 P. M.

PLUMBING FIXTURES

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Plumbing fixtures; Contract No. 164. Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St.

Plans and specifications may be obtained after 2 p.m., May 18, at the above office upon deposit of \$20.

Planned

FIRE HOUSE Cost, \$25,000

FRESNO, Fresno Co., Calif. Construction of new fire house.

Owner—City of Fresno. Architect—Edward Glass, Fresno.

Federal grant will be applied for.

Planned

FIRE ALARM STA. Cost, \$.....

FRESNO, Fresno Co., Calif. Fire alarm station.

Owner—City of Fresno. Architect—Fred L. Swartz, Brix Bldg., Fresno.

Preparing Plans

CITY HALL, Etc. Cost, \$65,000

PORTERVILLE, Tuare Co., Calif. City hall, police headquarters, jail.

Owner—City of Porterville. Architect—Fred L. Swartz, Brix Bldg., Fresno.

PWA grant will be applied for.

Preparing Plans

CITY HALL, Etc. Cost, \$40,000

COALINGA, Fresno Co., Calif. City hall, police headquarters, jail.

Owner—City of Coalinga. Architect—Fred L. Swartz, Brix Bldg., Fresno.

PWA grant will be applied for.

CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at \$875, awarded contract by the Dept. of Public Works, City Hall, for acoustical treatment of Bookkeeper's Rm. in Purchaser of Supplies Office, City Hall.

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

RECOMMENDATION TO CITY COUNCIL

14—RESIDENCE

Contract Awarded

RESIDENCE Cost, \$.....

SANTA ROSA, Sonoma County, Cal. Fair Oaks Ave.

One-story frame residence (6 rooms), Redwood siding, shake roof, gas floor furnaces, hardwood floors, etc.

Owner—R. A. de Bolt, c/o Architect. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

Sub-Contracts Awarded

RESIDENCE Cost, \$1,200

SAN RAFAEL, Marin Co., Calif. One-story frame residence (4 rooms), hardwood floors.

Owner—Withheld. Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.

Contractor—Ernest Laxton, 526 Redhill Ave., San Anselmo.

Plumbing, Heating and Sheet Metal

Shields Co., 303 3rd Street, San Rafael.

Shingles—Jack Di Mello, Larkspur.

Electric Wiring—Ben Johnson, 568 San Anselmo Ave., San Anselmo.

Hardwood Floors—Roy Wahning, Rte. 1, Box 155, Sausalito.

Brick and Stone Work—B. I. Goodheart, 1 Hill Ave., Fairfax.

Grading—Bert Bures, 189 Butterfield Road, San Anselmo.

RECOMMENDATION TO CITY COUNCIL

Foundations—James Ghillotti, 1329 Fourth St., San Rafael.
Lumber—Larkspur Lbr. Co., Larkspur.
Lathing and Plastering—Weber and Jackson, San Anselmo.
Linoleum—The Linoleum Shop, San Anselmo.

Contract Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO, NE Golden Gate Avenue and Kettredge Terrace. One - story and basement frame and stucco residence (7 rooms) hardwood floors, tile baths, slate roof.
 Owner—D. J. O'Brien, Jr., c/o Arch. Architect—Henry A. Minton, Underwood Building.
 Contractor—Miller Construction Co., 3917 Mission Street.

Preparing Working Drawings
RESIDENCE Cost, \$5,500
YUBA CITY, Sutter Co., Calif. One-story frame residence (5 rooms).
 Owner—Mr. Johnson, c/o Architect. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Preparing Working Drawings
RESIDENCE Cost, \$.....
SACRAMENTO, Cal. "H" St. Road. One-story frame residence (6 rooms).
 Owner—G. Johnson, c/o Architect. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Plans Completed
RESIDENCE Cost, \$10,000
SONORA, Tuolumne Co., Calif. 1½-story frame and stucco residence (7 rooms, 2 baths) rigid asbestos roof, hot air heating system, hardwood floors, wood sash, etc.
 Owner and Builder—Frank Holman, Sonora.
 Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
 Construction will start within a few days.

New Taking Sub-Bids
RESIDENCE Cost, \$.....
SAN FRANCISCO, SE Marina Blvd. and Avila Street.
 Three-story and basement frame and stucco residence (14 rooms, and 9 baths) hardwood floors, tile baths, slate roof, wood sash, steam boiler, heating plant.
 Owner—Marshall Dill, c/o Architect. Architect—William F. Gunnison, 251 Kearny Street.
 The architect is now receiving sub bids on all portions of the work.

Plans Being Refined.
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Calif. One - story frame and stucco residence (six rooms), shingle tile roof, gas heating system, hardwood floors, tile bath, etc.
 Owner—F. Carroll, c/o Architect. Architect—John B. Anthony, 3352 Lakeshore Ave., Oakland.
 Plans are being refined by a selected list of contractors.

Sub-Contracts Awarded
RESIDENCE, ETC. Cost, \$12,390
SAN JOSE, Santa Clara Co., Calif. Seventh and Taylor Streets. Construction of one-story frame residence and 1-story trucking garage (160x175-ft.)
 Owner—Mr. Dalzochio, c/o Architect. Architect—Charles McKenzie, Twoby Bldg., San Jose.
 Contractor—Joseph Santi, 1013 N 12th St., San Jose.

Roofing—Star Pacific Roof Co., 120 N Morrison Avenue.
Plumbing—W. F. Serpa, 497 N 13th.
Electric Wiring—Rosenind Electric Works, 75 Race Street.
Heating and Sheet Metal—Globe Htg. & Vent. Co.

Iron Grille Work—R. Hellwig Iron Works, 407 Vine Street.
Foundations—E. Keeble, Tully Road
Lumber—Cheim Lumber Co., 1400 The Alameda.

Mill Work—Pacific Mfg. Co., Santa Clara.
Hardware—San Jose Hardware, 62 W San Fernando St.
Painting—S. Miletta, 1087 Park Ave.
Lathing and Plastering—Jos. C. Chiri, 454 Benardo Ave., Mtn. View.
 All of San Jose unless otherwise noted.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
SANTA CRUZ, Santa Cruz Co., Cal. Two - story frame and stucco residence (3 bedrooms, 3 baths), hardwood floors, shingle roof, air conditioning system, garage.
 Owner—Dr. Philbrook, c/o Architect. Architect—C. J. Eylan, 136 Bonifacio Place, Monterey.
 Contractor—Hamilton & Church, 333 Ocean St., Santa Cruz.

Plumbing, Heating and Sheet Metal—Izant & Wilson, 30 Water St.
Electric Wiring—Meehan Elec. Service, 80 Etna St.
Brick and Stone Work—R. P. Llyod, Box 278, Sequel.
Grading, Foundations and Concrete—Frank E. Horan, 36 Dakota Ave.
Lathing and Plastering—Smith Bros. & O'Brien, 220 Seabright Ave.
 All of Santa Cruz unless otherwise noted.

Contract Awarded
RESIDENCE Cont. Pr., \$8,400
SACRAMENTO, Calif. Two - story frame and stucco residence (8 rooms) hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Herring, c/o Arch. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.
 Complete bids follow:
 N. H. Lund\$8,400
 C. E. DeCuir 8,450
 L. L. Watson 8,498
 C. C. Ruby 8,900
 L. F. Gould 8,955

Opening Date Extended
RESIDENCE Est. Cost, \$9,000
VALLEJO, Solano Co., Calif. Two - story frame and stucco residence (6 rooms, 2 baths) shingle roof, hardwood floors, steel sash, linoleum floors in bathrooms.
 Owner—Withheld.
 Architect—Marshall Dean and John Hudspeth; Marshall Dean, Architect, 2104 Addison St., Berkeley.
 Bid opening date extended from May 16 for about one week.

Plans Being Figured—Bids Close
 May 25, 4:00 P. M.
RESIDENCE Est. Cost, \$9,000
BAYWOOD, San Mateo Co., Cal. One and one-half story frame and stucco residence; shingle roof, hardwood floors, tile baths, gas-fired heating system, wood sash.
 Owner—Mrs. Katherine Woodbridge, c/o Architect.
 Architect—C. K. Sumner, DeckerOak Bldg., Palo Alto.
 Plans are now being figured by a selected list of contractors.

Bids Opened
MOTEL
SOLANO CO., Cal. One mile west of Vacaville.
 Construction of 16-unit Motel Inn.
 Owner—Harry Nelson, c/o Architect. Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
 Low Bidder—Ettrium, Wittke & Welch, Sacramento—\$18,342.85.
 Other bids were:

A. T. Beckett.....\$21,800
 Chas. F. Unger..... 23,950
 W. E. Truesdale..... 24,400
 Adam Arras & Son, S. F..... 26,695

Preparing Working Drawings
RESIDENCE Est. Cost, \$5,000
WALNUT CREEK, Contra Costa Co., Cal. One-story frame residence; hardwood floors, tile bath, shake roof, wood sash, etc.
 Owner—Withheld.
 Architect—John Knox Ballantine, 137 Harlan St., San Francisco.
 Upon completion of plans the architect will take general bids.

Plans Being Figured—Bids Close
 May 21
RESIDENCE Est. Cost, \$6,500
SACRAMENTO, Calif. Sierra Oaks Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Plans are being figured by a selected list of contractors.

Contract Awarded
RESIDENCE Cont. Pr., \$6,081
SACRAMENTO, Calif. Fulton Ave. One-story frame residence (6 rooms).
 Owner—John Diggs, c/o Architect. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Contractor—Lindgren & Swinerton, Inc., Y and Sacramento Sts.

Under Construction
REMODEL RESIDENCE Cost, \$.....
STANISLAUS COUNTY, Cal. About 3 miles south of Modesto. Remodel 8-room Colonial residence.
 Owner—Mayor K. H. King, Modesto. Architect—G. N. Hilburn, 1211 K St., Modesto.
 Contractor—Wayne Meyers, Modesto. (121) 14

Preparing Working Drawings
RESIDENCE Cost, \$.....
MILLBRAE, San Mateo Co., Cal. One - story and basement frame and stucco residence (5 rooms), hardwood floors, tile baths, gas-fired heating system, wood sash, etc.
 Owner—R. J. Richardson, c/o Archt. Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.

Plans Being Figured—Bids Close
 May 24, 12:15 P. M.
RESIDENCE Cost, \$.....
SANTA CLARA CO., Cal. near San Jose. Two-story frame residence with garage (6 rooms), hardwood floors, tile baths, wood sash, etc.
 Owner—C. A. Kaneen, c/o Archt. Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
 Plans are being figured by a selected list of contractors.

Plans Completed
RESIDENCE Cost, \$20,000
SAN FRANCISCO, SE Marina Blvd. and Avila St. Three-story and basement frame residence.
 Owner—Marshall Dill, c/o Archt. Architect—Wm. F. Gunnison, 251 Kearny St., San Francisco.

Bids In
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Calif. Two-story frame residence (3 bedrooms, 2 baths).
 Owner—Everett Glass, c/o Architect. Architect—W. W. Wurster, 260 California St., San Francisco.

Plans Completed
RESIDENCE Cost, \$.....
EAST OAKLAND, Alameda Co., Cal.

Truman Ave.
One-story and garage frame residence (6 rooms), shingle roof, hardwood floors, gas-fired heating system, tile bath, wood sash, etc.
Owner and Builder—W. M. Thomson.
Architect—A. Reinhold Denke, 1429 Broadway, Oakland.
Sub bids will shortly be received by the owner.

Sub Contract Awarded
RESIDENCE Cost, \$15,000
PIEDMONT, Alameda Co., Calif. 3 Sandringham Place.
Two-story frame residence (eight rooms), garage.
Owner—Frank D. Noller, Central Bank Bldg., Oakland.
Architect—Not Given.
Contractor—David Nordstrom, 354 Hobart St., Oakland.
Roofing—W. L. & W. C. Ridout, 642 Pacific Ave., Alameda.
Plumbing—J. A. Fazio, 402 Castro Street.
Electric Wiring—Spott Electrical Co., 569 19th St.
Sheet Metal—Tobey Christiansen, 444 Piedmont Ave.
Hardwood Floors—Inlaid Floor Co., 4067 Waits Ave.
Brick and Stone Work—Herschel & Reinecke, 51 Glenwood Glade.
Grading—C. Dudley DeVelbiss, 400 Perkins St.
Mill Work—The Oakland Planing Mill, Inc., 105 Washington St.
Lathing and Plastering—Frank M. Clausen, 3124 Chestnut St.
Concrete—J. H. Fitzmaurice, 2857 Hannah St.
All of Oakland unless otherwise noted. 14

Plans Being Figured
RESIDENCE Cost, \$7,500
LINDSAY, Tulare Co., Cal.
One-story frame and stucco residence (6 rooms, 2 baths).
Owner—Ralph E. Wolf, 441 Orange St., Lindsay.
Architect—Fred L. Swartz, Brix Bldg., Fresno.
Plans are now being figured by a selected list of contractors.

Sub Contracts Awarded
RESIDENCE Cost, \$60,000
SONOMA CO., Cal. Near Guerneville.
Construction of ranch house; remodel caretaker's house.
Owner—Wm. D. Frisbee.
Architect—Eldridge Spencer, 369 Pine St., San Francisco.
Contractor—C. Hedahl, 110 Sutter St., San Francisco.
Heating—The Scott Co., 113 10th St., Oakland.
Tile Work—Superior Tile Co., 3743 Broadway, Oakland.
Plumbing—A. W. Garrett, Healdsburg.
Painting—Wm. Blauert, 2720 San Jose Ave., San Francisco.
Plastering—Ruane & Jensen, 2455 14th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, \$15,000
SAN FRANCISCO. S. Sea Cliff, 420 ft. W Camino Del Mar.
Two-story and basement frame residence.
Owner—Felix Kahn, 200 Walnut St.
Architect—Farr & Ward, 68 Post St.
Contractor—D. B. Gladstone, 557 Market St.

Preparing Working Drawings
RESIDENCE Cost, \$.....
ORINDA, Alameda Co., Calif.
One-story frame and rustic residence.
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main St., Hayward.

15— SCHOOLS

BOND ELECTION
MERCED COUNTY, Calif. — The Merced Colony Elementary School District of Merced County will vote June 3 on a proposal to issue bonds in the amount of \$5,500, proceeds to finance alterations and improvements to school buildings. 15

Bond Election
SCHOOL Cost, \$.....
OAKLEY, Contra Costa County, Cal.
Construction of one-story frame and stucco grammar school building to contain 6 classrooms and combination gym and auditorium.
Owner—Oakley Grammar School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.
The school district will vote May 25 on a proposal to issue bonds in the amount of \$50,000 to finance construction.
Application for PWA grant is being prepared and if available, project will be increased to include eight classrooms and complete auditorium, at estimated cost of \$82,000.

BOND ELECTION
KERN COUNTY, Cal.—The Buttonville Union School District, P. A. Buttonford, Clerk, Kern County, will vote June 3 on a proposal to issue bonds in the amount of \$20,000, proceeds to finance construction of alterations and improvements to school buildings. 15

Bids Wanted—To Close June 1, 11:00 A.M.
LIBRARY Cost, \$.....
BERKELEY, Alameda Co., Cal. University of California Campus.
Construction of Hart Library, an addition to Bowles Hall.
Owner—Regents of the University of California, Berkeley.
Plans by Engrg. Dept. of Grounds and Buildings Dept.
Plans and specifications may be obtained at the cashier's window, office of the Comptroller, Room 106, California Hall, University of California, Berkeley, Cal., upon deposit of \$10.

BOND ELECTION
MERCED COUNTY, Cal.—The El Nido Elementary School District of Merced County will vote June 3 on a proposal to issue bonds in amount of \$5,000, proceeds to finance alterations and improvements to school buildings. 15

Bids Opened
GYMNASIUM
LAKEPORT, Lake County, Cal.
One-story frame gymnasium at Clear Lake High School (composition roof, maple floors; no plumbing work).
Owner—Clear Lake Union High School District (Sheidon Deacon, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.

Low Bidder—E. E. Marschall, Rt. 1, Box 16, Lakeport—\$12,550.
Complete bids follow:
E. E. Marschall, Lakeport.....\$12,550
Frank Crane.....13,998
Scherles Co.....14,300
Robert McCarthy, S. F.....14,328
Empire Constr. Co., S. F.....14,787
Mark Bristol, Oakland.....14,944
F. W. Dreyer & Son, Napa.....14,998
Bids held under advisement until May 24.

Planned
SCHOOL ADDITION Cost, \$20,000
SAN MATEO, Calif. St. Matthew's School.

Added to school, to be known as the Monsignor Callaghan Memorial.
Owner—St. Matthew's Catholic Ch., Rev. H. J. Lyne, Pastor.
Architect—H. A. Minton, 525 Market St., San Francisco.
Contractor—James L. McLaughlin Co., 251 Kearny St., San Francisco.

Contracts Awarded
JUNIOR COLLEGE
SAN MATEO, San Mateo Co., Calif. Peninsula Ave. and N. Delaware.
First unit of new junior college (2-story fireproof science building).
Owner—San Mateo Junior College and High School District.
Architect—H. A. Thomsen (successor to George W. Kelham, 315 Montgomery St., San Francisco).
Structural Engineer—H. L. Brunner, Sharon Bldg., San Francisco, St. San Francisco.

General contract awarded on basis of bid price of \$194,097, less approx. \$32,000 in alternate deductions.
Separate contracts, which include Contractor—Monson Bros., 475 Sixth certain alternate deductions, awarded as follows:

Plumbing Work
Harry Lee, 1438 Burlingame Ave., Burlingame—\$34,520.
Heating and Ventilating
James H. Pinkerton Co., 927 Howard St., San Francisco—\$27,093.
Electric Work
Roy M. Butcher, 1027 Sherwood St., San Jose—\$17,462.
Due to decision of Board of Trustees, alternate proposals submitted with basic bids will not be made public.

Bids Wanted—To Close June 7, 2 P.M.
SHOP & STORAGE BLDG. Cost, \$.....
SAN LUIS OBISPO, Calif. California Polytechnic School.
Erection and completion of shop and storage building and bleachers; work comprises the construction of two units, one the shop and storage bldg., and one the bleachers. Shop and storage building is a wood frame building covered on exterior with wood siding on the walls and composition shingles on the roof, certain interior rooms are lined with wallboard; windows and doors are of wood and floors are of wood. In connection with this building there will also be included the rough grading for a road approx. 400 ft. long, which will include together with the excavation for the building, the moving of approx. 3000 yards of earth. The bleachers are wood framing approx. 240 ft. long by 22 ft. wide.

Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.
Mechanical and electric work is included with the general work under one contract and bids will be entertained for the combined work.
Plans and specifications obtainable from the State Architect's office on deposit of \$25, returnable.
Bid must be accompanied by certified or cashier's check, payable to the Director of Public Works, in the amount of \$25 of bid.

BIDS WANTED
BOULDER CITY, Nev.—Until June 2, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Boulder City, for the construction of a high school building in Boulder City. No charge to prospective bidders for copies of plans and specifications; to others, \$250 per copy.

not returnable. The building will be 78x118 ft. and will include an auditorium-gym, manual training room, laboratory, stage, classroom, toilets, locker rooms and dressing rooms. The outside walls and foundation will be reinf. concrete, roof trusses will be structural steel, roof will consist of wood sheathing covered with built-up asphalt-saturated felt, mission tile, wood stud partitions with metal lath and plaster, 1-pipe steam heating system connected to boiler in present school. The installation of plumbing and electric system will be included in the new contract. 15

Preparing Plans
SCHOOL ADDN. Cost, \$.....
KERN COUNTY, Cal. Edison Grammar School.
One classroom addition, reinforced concrete construction, to be added to the grammar school.
Owner—Edison Grammar School District.
Architect—Franklin & Kump, Jr., Haberfelde Bldg., Bakersfield.

Preparing Working Drawings
SCHOOL Est. Cost, \$14,000
CLEMETS, San Joaquin Co., Cal.
One-story frame elementary school building (2 rooms), stage, kitchen, principal's office and store-room.
Owner—Athearn Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

BIDS WANTED
TULARE CO., Cal.—Until May 24, 8 p.m., bids will be received by the Springville Union School District, Ward Hance, Clerk, for furnishing one lot of maple flooring and one lot of finish hardware and for furnishing and installing blackboards and pinning space, and for lathing and plastering of the Addition to Springville school.
Plans and specifications may be obtained at the offices of Architect John Paxton Perrine, 323 Bank of America Bldg., Visalia, upon deposit of \$5.00.
Bids will be opened at the office of the Springville Union School, Tulare County, Cal.

Sub Contracts Awarded
Cont. Pr., \$71,360

RECONSTRUCTION
OAKLAND, Alameda Co., Cal. 63rd Street and San Pablo Avenue.
Reconstruction of Golden Gate School (wood-stucco construction).
Owner—Oakland School District.
Architect—W. G. Corlett, 2nd Ave. and E. 10th St., Oakland (School Administration Bldg.).
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
Reinforcing Steel—McGrath Steel Co., 354 Hobart Court, Oakland.
Misc. Iron and Steel Work—Independent Iron Works, 821 Pine St., Oakland.
Painting—J. Jay Burdon, Jr., 3817 Forest Hill Ave., Oakland.
Electric Wiring—Spencer Electric Co., 2059 Webster St., Oakland.
Plumbing—The Scott Co., 113 Tenth St., Oakland.
Heating—L. J. Kruse Co., 6247 College Ave., Oakland.
Hollow Metal Work—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Preparing Preliminary Plans
AUDITORIUM Cost, \$.....
MORGAN HILL, Santa Clara Co., Calif.

One-story frame auditorium building to seat 500, at the Live Oak High School.
Owner—Live Oak Union High School District.
Architect—William Henry Rowe, 351 California St., San Francisco.
Construction will be financed by funds on hand.

Bond Election
SCHOOL Cost, \$45,000
SAN LUCAS, Monterey Co., Calif.
School bldg. to contain three classrooms, auditorium, kitchen, etc.
Owner—San Lucas School District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

The San Lucas School District will vote May 20 on a proposal to issue bonds in the amount of \$45,000, proceeds to finance construction of the school.

Bonds Voted
SCHOOL Est. Cost, \$50,000
SAN ARDO, Monterey Co., Calif.
School building to contain four classrooms, auditorium and kitchen.
Owner—San Ardo School District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

The San Ardo School District recently vote bonds in the amount of \$50,000, proceeds to finance construction of the school.

Plans Completed
HIGH SCHOOL Cost, \$175,000
COALINGA, Fresno Co., Cal.
Construction of new Junior High School and Auditorium.
Owner—Coalinga Union High School District.
Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.

Plans are now in Sacramento awaiting approval of State Division of Architecture.

Plans Completed
JUNIOR COLLEGE. Est. Cost, \$55,000
MARYSVILLE, Yuba Co., Calif. 18th St., south end of Knight Park.
First unit of junior college plant consisting of one-story frame and stucco building to contain six classrooms, assembly hall, property room, administration unit with principal's office and deans' offices, concrete boiler room, students' store.
Owner—Yuba County Junior College District (C. W. Burchell, Pres. Board of Trustees).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans are now at State Division of Architecture awaiting approval.

LOW BIDDERS
EL MONTE, Los Angeles Co., Cal.—Atlas Constr. Co., 39 Congress St., Pasadena, at \$147,500, submitted low basic bid to El Monte Union High School District for construction of the main two-story reinforced concrete building (299 x 64 ft.) at the high school plant.
March, Smith & Powell, architects, 608 Architects' Bldg., Los Angeles.
Second and third low basic bids were: Campbell Constr. Co., \$154,740; J. I. Barnes Constr. Co., \$156,885. 15

Bids Wanted—To Close May 28, 2:00 P. M.
SCHOOL Cost, \$.....
SAN JOAQUIN CO., Calif. 3 miles north of Lodi (Huston Grammar School).
One-story school building (5 classrooms and auditorium), tile roof.
Owner—Huston Grammar Sch. Dist.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.
Plans and specifications may be obtained from the clerk of the board,

H. B. Taylor, Acampo (phone Lodi 101-F-4) upon deposit of \$25.
Bids will be opened in the temporary school building at Youngstown.

Contract Awarded
SCHOOL BLDG. Cont. Pr., \$281,164
HONOLULU, T. H.
Two-story concrete and steel school building.
Owner—Kamehameha School.
Architect—C. W. Dickey, 405 SW Darnon Bldg., Honolulu.
Contractor—Hawaiian Contracting Co., Honolulu, T. H.
Second low bid submitted May 11 by E. E. Black, Honolulu, at \$301,719.

Sub Contracts Awarded
RECONSTRUCTION AND ADDITION
Contract Price, \$142,217
OAKLAND, Alameda Co., Cal. Hampel St. and La Cresta Ave.
Reconstruction of and addition to the Glen View School.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).
Contractor—E. T. Leiter Sons, 811 37th St., Oakland.

Excavation—Ariss-Knapco, 961 41st St.
Concrete—J. H. Fitzmaurice, 2857 Hannah St.
Reinforcing Steel—McGrath Steel Co., 354 Hobart Court.
Lumber—Tilden Lumber Co., foot of University.

Tile and Linoleum—Superior Tile Co., 3743 Broadway.
Mill Work—Oakland Planing Mills, Inc., 2nd and Washington.
Roofing—Western Roof Co., Inc., 1259 22nd St.
Plastering—Wm. Makin, 2141 Livingston St.
Sheet Metal—East Bay Sheet Metal Works, 1101 Market St.
Ornamental Iron—Fraunder Ornamental Iron Works, 335 8th St.
Glass—W. P. Fuller & Co., 259 10th Street.

Blackboards and Stage Hangings—Fred E. Turner, 557 Market St., San Francisco.
Painting—Turgeon Painting Co., 2059 Webster St.
Steel—Schraeder Iron Works, Inc., 1247 Harrison St., San Francisco.
Window Shades—Tri-City Window Shade Manufactory, 1127 Third Ave.
Hardware—Associated Hardware Co., Inc., 3862 San Pablo Ave.
Plumbing and Heating—The Scott Co., 113 10th St.
Electric Wiring—Scott-Buttner Electric Co., 23rd and Webster Sts.
All of Oakland, unless otherwise noted.

Bids Opened
HIGH SCHOOL Cost, \$.....
POCATELLO, Bannock Co., Idaho.
Additions and alterations to the Pocatello Senior High School bldg. known as Unie No. 1 and the erection and completion of a gymnasium and auditorium bldg. known as Unie No. 2.
Owner—Independent School District, (C. G. Wells, Clerk).
Architect—Frank H. Paradise, Jr., 219 Portneuf Bldg., Pocatello.
Low Bidder—T. G. Rowland, 1000 Yale, Salt Lake City, Utah, \$721,000.
Other bids were:
Lovering-Longtham, St. Paul Minn. \$715,000
J. W. Howard, Cheyenne, \$725,000
Alternates may reduce bids.

BONDS DEFEATED
KINGS CO., Cal.—Corcoran High School District, Kings County, defeated bond issue May 10 in the amount of \$185,000.

Proceeds were to have financed construction of a new high school building at Corcoran.

H. L. Gogerty, Architect, Hollywood. * 15

Plans Completed
ART ROOM Cost, \$8,000
EXETER, Tulare Co., Calif. Exeter High School.

One-story frame art room.
Owner—Exeter Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Plans Completed
SCHOOL Est. Cost, \$90,000
NILES, Alameda Co., Cal. Second and School Sts.

One-story school building (approximately 62x125 ft.), containing approximately five classrooms, two toilet rooms, administration offices and auditorium to seat 400; (rein. concrete footings, wood frame and stucco building, auditorium will be steel frame and reinforced concrete; tile roof). Est. cost, \$90,000.

Owner—Niles School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans and specifications are now being revised and will shortly be referred to the State Division of Architecture for final approval.

Bids will probably be asked in about one week.

CONTRACT AWARDED
EL MONTE, Los Angeles Co., Cal.—Campbell Constr. Co., 5388 Alhambra Ave., Los Angeles, awarded contract by El Monte Union High Sch. District, at \$154,040, using alternate "h", for construction of the main 2-story rein. conc. building (299x64 ft.), at El Monte High School, a FWA project. Low bid of Atlas Constr. Co. was rejected on basis of error. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. * 15

BIDS WANTED
DELANO, Kern Co., Cal.—Until 11 a. m., May 28, bids will be received by the Delano Joint Union High Sch. District for furnishing the following: (1) finish hardware; (2) Venetian blinds; (3) gas and electric range; (4) kitchen work tables; (5) steel lockers; (6) clothes dryer; (7) desk; (8) refrigerator; (9) chairs; (10) bookkeeping tables; (11) typing tables; (12) sewing room tables; (13) classroom tables; (14) recitation tables. Specifications are obtainable at the school office or at the office of Architect Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield * 15

Bids Wanted—To Close June 2, 4:00 P. M.
RECONSTRUCTION Cost, \$.....
OAKLAND, Alameda Co., Calif. S. side of 11th St. between 3rd and 4th Avenues.

Reconstruction of existing building at Central Trade School.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).

Plans and specifications may be obtained at Room 109, Administration Bldg., upon deposit of \$25. Bids will be opened in the Board Room.

16—BANKS, STORES AND OFFICES

Low Bidders
STORE BLDG. Cost, \$.....
OAKLAND, Alameda Co., Cal. 15th and Webster Sts.
One-story concrete and steel store

building.
Owner—S. S. Herrick Co., c/o Archt. Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
Low Bidder—D. W. Nicholson, 357 12th St., Oakland.
J. H. Fitzmaurice, 2857 Hannah St., Oakland, submitted low bid for concrete work.

Plans Being Figured
RESTAURANT Cost, \$.....
TURLOCK, Stanislaus Co., Calif.
One-story frame restaurant building (25x55-ft.) to be known as "Bob's Cafe".
Owner—Withheld.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans are being figured by a selected list of contractors.

Sub-Contracts Awarded
STORE BLDG. Cont. Pr., \$12,000
WATSONVILLE, Santa Cruz Co., Cal. Building to contain 3 stores (steel building, concrete walls and floor, interior walls & ceilings Fir-tex board, plate glass fronts, tar and gravel roof, metal skylights).

Owner—O. S. Chin.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

Roofing—Central Supply Co., Kearney and Walker Streets.

Plumbing—Martin and Gleason, 20 Tharpe Avenue.

Electric Wiring—Just Rite Elec. Co., 311 Van Ness.

Sheet Metal and Hardware—P. J. Freiermuth Co., 247 Main St.

Glass—Orlando's Glass Shop, 639 Main St.

Brick and Stone Work and Hollow Tile—E. J. Scholz, 15 Sudden St.

Grading and Concrete—Granite Construction Co., Ltd., Bin No. 9.

Lumber—Hammond Lbr. Co. & Planning Mill, Walker and Kearney.

Mill Work—Pacific Mfg. Co., Santa Clara.

Painting—Wm. Reid's Paint Store, 15 Third Street.

Lathing and Plastering—Jas. Martensen, 418 Palm Avenue.

All of Watsonville, unless otherwise noted.

Under Construction
STORE BLDG. Cost, \$.....
MONTEREY, Monterey Co., Calif.

Store building to contain small restaurant, barber shop, soda fountain.

Owner—Jack Malomay, c/o Architect Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Contractor—William P. Sweeney, 863 Lighthouse Ave., Pacific Grove.

Bids Opened
RESTAURANT BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two-story frame restaurant building known as Oakwood Barbecue Building.

Owner—C. L. Cameron, c/o Archt. Architect—Wm. G. Merchant, Russ Bldg., San Francisco.

Low Bidder—H. H. Larsen Co., 64 South Park, \$19,323.

Chas. Stockholm & Sons..... 19,682

Complete bids were:
H. H. Larsen Co..... \$19,323
G. W. Williams Co., Burlin-

game..... 20,590
J. H. Harold Johnson..... 22,097

Louis C. Dunn, Inc..... 27,530
Bids held under advisement.

Contract Awarded
ALTERATIONS Cost, \$7,500
SAN FRANCISCO 600 Stockton St.
Owner—Metropolitan Life Ins. Co., 600 Stockton St.
Architect—Not Given.

Contractor—Lindgren and Swinerton, Inc., 225 Bush Street. * 16

Preparing Plans
STORE AND OFFICE BLDG.

Cost, \$.....
BAKERSFIELD, Kern Co., Cal. NW Cor. of 18th St. and Chester Ave. Two-story, reinforced concrete fire-proof store and office building, refrigerated air conditioning, acoustical treatment and indirect and directional lighting. The building will be designed to carry eight additional stories.

Owner—Sill Properties.
Architect—Franklin & Kump, Jr., Haberfelde Bldg., Bakersfield.
Construction will start early in 1939.

Bids In—Held Under Advisement
STORE BLDG. Est. Cost, \$5,500
SAN FRANCISCO. NE 26th Avenue and Taraval St.

One-story frame Serrano store bldg.

Owner—J. S. Perry, c/o Architect.
Architect—H. C. Baumann, 251 Kearny Street.

WILL TAKE BIDS
LOS ANGELES, Calif.—Safeway Stores, 1925 E. Vernon Ave., will take bids the latter part of this week, to be returned on May 25, for a 1-story rein. conc. and brick market building (50x100 ft.), to be built on the northeast corner of Van Ness and Santa Barbara Avenues for the company. Frank L. Stiff, architect, 1303 Park Central Bldg. * 16

CONTRACT AWARDED
LOS ANGELES, Cal.—C. W. Driver, 111 W. 7th St., awarded contract by Thomas Mortgage Co. for remodeling and renovating the American Bank Bldg., an 8-story structure located on the northeast corner of Second and Spring Sts. The work will include changing partitions, plastering, painting, electric wiring, linoleum floor covering, improvements to elevators, cleaning the exterior and installing new store fronts on the Second Street side of the building. There will be no changes to the heating system. The work will start within a few days. * 16

17— THEATRES
COMPLETING PLANS
DELANO, Kern Co., Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing plans for a rein. concrete motion picture theater to seat 350 to be built in Delano for Frank Panero. Cost, \$25,040. Bids will be taken by Mr. Panero at Delano. * 17

Bids Opened
RESTAURANT Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. One-story frame and brick veneer restaurant bldg. (54x85-ft.) composition roof, oak floor, steel sash.
Owner—Withheld.
Architect—Charles McKenzie, Twoby Bldg., San Jose.

Low Bidder—John Newell, \$38 Minnesota, San Jose, \$14,653.

Other bids were:
Vincent Maggio, San Jose..... \$15,200
Nielsen & Erbentraut, S. J..... 15,666
Frank L. Hoyt, San Jose..... 16,769

Low Bidder
REMODEL THEATER Cost, \$.....
SAN FRANCISCO. 3297 Sacramento Street.
Remodel present Plaza Theater.
Owner—Blumenthal Theatres, Inc., 25 Taylor Street.
Supt. of Const.—V. B. David.
Low Bidder—Moore and Roberts, 693 Mission Street.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

LOS ANGELES, Cal.—Pozzo Construction Co., 2403 Riverside Drive, awarded contract for construction of a new stadium at 1628 N. El Centro Ave. for Hollywood Post No. 43, Am. Legion. All work included in general contract except electrical work and structural steel, involving 135 tons, already fabricated by Bethlehem Steel Corp., and ready for erection. Electrical work will be awarded later this week. The stadium will have approximately 40,000 sq. ft. of floor area, extreme dimensions 195 x 220 ft., and will provide a total of 5900 seats, 3400 reserved (opera chairs) and 2500 wooden bleacher seats. There will be no heating system. Work starts immediately. Albert C. Martin, architect, 233 Higgins Bldg. * 19

BIDS OPENED

CONTRA COSTA CO., Cal.—C. A. Lauritzen, 300 "E" Street, Antioch, at \$140, submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-257, for removing and disposing of a boat sunk in the cut between Taylor and Dutch Sloughs at the southeasterly end of Jersey Island, Contra Costa Co., Cal. Total bids follow:
C. A. Lauritzen, 300 E St., Antioch, \$140.00.
Stockton Sand & Crushed Rock Co., Stockton, \$245.00.
Bundesen & Lauritzen, Pittsburg, \$275.00.
Pacific Bridge Co., S. F., \$820.00.
Blake Bros., S. F., \$900.00. * 19

CONTRACTS AWARDED

QUINAULT, Grays Harbor Co., Wash.—Soule & Walters, Mannette, Wash., at (1) \$40,728, and Bennett & Taylor, Los Angeles, Cal., at (2) \$25,717, were awarded contracts by the Quinalt Light Co., Fred H. Nichols, Secretary, Quinalt, for the construction of (1) hydro-electric generating plant; and (2) rural electric distribution system. Proj. 23. * 19

Contract Awarded

APT. COURT Est. Cost, \$12,000
SANTA ROSA, Sonoma Co., Cal. SE
Mill St. and Santa Rosa Ave.
First unit of apartment court consisting of six apts. and garages and owner's residence.
Owner—A. C. Knowlden, c/o contractor.
Architect—Clarence Culkins, Rosenberg Bldg., Santa Rosa.
Contractor—Harry A. Stearns, Santa Rosa.

BIDS WANTED

FERNDALE Humboldt Co., Cal.—Until May 26, 2 p.m. bids will be received by the County of Humboldt, Fred M. Kay, Clerk of the Board of Supervisors, for all work in connection with the construction of various items at Humboldt Co. Fair, Ferndale.

Plans and specifications now on file with the Architect, F. T. George, 537 G St., Eureka, or at office of County Clerk.

Bid must be accompanied by certified or cashier's check or bid bond for not less than 5% of bid made payable to the Clerk, Board of Supervisors of Humboldt County.

CONTRACT AWARDED

SAN FRANCISCO.—F. H. Harder Mfg. Co., 141 Tenth St., San Francisco, at \$498.50, awarded contract by the Public Works Office, 12th Naval District, Room 353, Federal Office

Bldg., Civic Center, San Francisco, under Spec. No. 8725, for repairs and refinishing office furniture at staff headquarters, 12th Naval District, San Francisco. * 19

BIDS WANTED

COLUMBIA CO., Oregon.—Until June 3, 5 p.m., bid will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Bldg., Portland, Oregon, under Bid No. 698-38-566, for construction of five pumping plants, complete and ready for operation, all situated in Columbia County, within a radius of 6 mi. from the City of Clatskanie, Ore.

Work involves:

- BEAVER DISTRICT
(1) 241 c.y. canal excav.;
(2) 456 c.y. common excav.;
(3) 450 c.y. struc. excav.;
(4) 494 c.y. backfill;
(5) 56 c.y. riprap;
(6) 1,132 lf. treated round piling;
(7) 38 MFBM treated lumber;
(8) 35 c.y. reinf. concrete;
(a) cement furn. by contr.;
(b) cement furn. by Govt.;
(9) 2 each, flap valves, 36-in. I.D.;
(10) 34,900 lbs. pumping unit discharge pipe;
(11) 2 pumping units and electrical control;
(12) 1 pumping plant superstructure.

- MAGRUDER DISTRICT
(13) 155 c.y. canal excav.;
(14) 266 c.y. common excav.;
(15) 477 c.y. struc. excav.;
(16) 276 c.y. backfill;
(17) 93 c.y. riprap;
(18) 380 lf. treated round piling;
(19) 17 MFBM treated lumber;
(20) 17 c.y. reinf. concrete;
(a) cement furn. by contr.;
(b) cement furn. by Govt.;
(21) 1 unit flap valve, 24-in. I.D.;
(22) 9660 lbs. pumping unit discharge pipe;
(23) 1 pumping unit and electrical control;
(24) 1 pumping plant superstructure.

- MARSHLAND DISTRICT
(25) 7 c.y. canal excav.;
(26) 187 c.y. common excav.;
(27) No struc. excav.;
(28) 152 c.y. backfill;
(29) 15 c.y. riprap;
(30) 602 lf. treated round piling;
(31) 256 MFBM treated lumber;
(32) 3 c.y. reinf. concrete;
(a) cement furn. by contr.;
(b) cement furn. by Govt.;
(33) 1 unit automatic drainage gate, 30-in. I.D.;
(34) 8,833 lbs. pumping unit discharge pipe;
(35) 1 pumping unit and electrical control;
(36) 1 pumping plant superstructure.

- WEBB DISTRICT
(37) 283 c.y. canal excav.;
(38) 65 c.y. common excav.;
(39) 12 c.y. struc. excav.;
(40) 578 c.y. backfill;
(41) 50 c.y. riprap;
(42) 580 lf. treated round piling;
(43) 18.5 MFBM treated lumber;
(44) 17 c.y. reinf. concrete;
(a) cement furn. by contr.;
(b) cement furn. by Govt.;
(45) 1 unit flap valve, 24-in. I.D.;
(46) 8,540 lbs. pumping unit discharge pipe;
(47) 1 pumping unit and electrical control;
(48) 1 pumping plant superstructure.

- WESTLAND DISTRICT
(49) 392 c.y. canal excav.;
(50) 180 c.y. common excav.;
(51) 284 c.y. struc. excav.;
(52) 90 c.y. backfill;
(53) 75 c.y. riprap;
(54) 656 lf. treated round piling;
(55) 22 MFBM treated lumber;
(56) 20 c.y. reinf. concrete;
(a) cement furn. by contr.;
(b) cement furn. by Govt.;
(57) 1 unit flap valve, 36-in. I.D.;

- (58) 19,120 lbs. pumping unit discharge pipe;
(59) 1 pumping unit and electrical control;
(60) 1 pumping plant superstructure.
Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 19

Contract Awarded
SECTION HOUSE BLDGS.

Estimated Cost, \$100,000
PLUMAS and LASSEN Cos., Cal.
Construction of sixteen frame section house buildings located between Keddie, Plumas Co., and Bieber, Lassen, Co.
Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
Plans by Engrg. Dept. of Owner.
Contractor—Ryberg Bros., 206 Interurban Bldg., Salt Lake City, Utah.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Bids for 30,000 tons derrick stone, 1 to 7 tons in weight, Invit. 519, opened by U. S. Engr., Los Angeles, were:
G. L. Skofield, \$120 ton; total, \$36,000; f.o.b. Decleville for shipment on S. P. to track at Industrial or Dayton Ave. team track, Los Angeles; net.

Rohl-Connelly Co., \$125 ton; total, \$37,500; f.o.b. Ormand for shipment on U. P. to siding at L. A. River near Pasadena Ave.; net.

NOTE: Union Pacific Railway submitted proposal to deliver from Bly or Ormand to any team track in Los Angeles loads of 60,000 lbs. at \$0.47 ton. * 20

CONTRACT AWARDED

SAN FRANCISCO.—San Francisco Water Department at (1) \$21.56 and (2) \$30.84 each, was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1985, for furnishing (1) twenty-five 6-inch and (2) twenty-five 8-inch cast iron tapping valves from City's pattern. * 10

CONTRACTS AWARDED

SAN FRANCISCO.—California Wire Cloth Co., 1245 Howard Street, San Francisco, at (1) \$1.05, 2% 10 days; and C. W. Marwedel, 1235 Mission St., San Francisco, at (2) \$176.35, ½ of 1% 30 days, were awarded contracts by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-38-147, for:
(1) 17 kg common galv. nails;
(2) 4008 lbs. mild steel.

Complete bids follow:
California Wire Cloth Co., 1245 Howard St., S. F., (1) \$105; 2% 10 da.
C. W. Marwedel, 1235 Mission St., S. F., (2) \$176.35; ½ of 1% 30 days.
Marshall-Newell Supply Co., S. F., (1) \$109.50; 2% 30 days; (2) \$176.35; ½ of 1% 30 days.
Dunhan, Carrigan & Hayden Co., (1) \$109.50; 2% 30 days; (2) \$176.35; ½ of 1% 30 days.
Ducumun Metals & Supply Co., (1) \$111.05; ½ 2% 30 days; (2) \$176.35; ½ of 1% 30 days. * 20

BIDS WANTED

DELANO, Kern Co., Calif.—Until May 28, 11 a.m., bids will be received by the Delano Joint Union High School, Wm. E. Smith, M.D., Clerk, for equipment of Delano High School Domestic Science and Typing Unit Bldg., as follows: (1) finish hardware; (2) Venetian blinds; (3) gas and electric cooking room range; (4) cooking room work tables; (5) steel corridor lockers; (5) clothes

dryer; (7) instructor's desk; (8) refrigerator; (9) chairs; (10) book-keeping tables; (11) typing tables; (12) sewing room tables; (13) classroom tables; (14) recitation No. 3 Tables.

Specifications obtainable at the office of Delano High School or at the office of Architect Frank Wynkoop, 318 Haberfelde Bldg., Bakersfield.

BIDS OPENED

LOS ANGELES, Cal.—Bids for 57,325 tons coarse aggregate and 35,525 tons sand delivered into government batch trucks at contractor's batch plant; or alternatively, 42,500 cu. yds. coarse aggregate and 26,500 cu. yds. sand delivered into govt. batching plant or stock piles within 1½ miles of intersection of Fletcher Drive and the Los Angeles River, were opened by U. S. Engineer, Los Angeles.

Bids received on:

- ALTERNATE NO. 1
(1) 93,150 tons coarse aggregate and sand.
- ALTERNATE NO. 2
(1) 24,850 cu. yd. coarse aggregate, 1½ in. to ¾ in.;
(2) 17,650 cu. yd. coarse aggregate, 1 in. to No. 4 mesh size;
(3) 26,500 cu. yd. sand.

Invit. 520.

The bids were:

Standard Rock Prod. Co., disc. 20c ton or yd., 25th prox. Alt. 1, \$1.50 ton, \$139,725; Alt. 2, \$1.86 yd., \$128,340; plant, 1 mi. from Fletcher Drive and L. A. River.

Consolidated Rock Products, Arrow Rock Co., City Rock Co., Pacific Rock & Gravel Co., bidding jointly, disc. 20c ton or yd., 25th prox. Alt. 1, \$1.59, \$148,108.50; Alt. 2, \$1.78 yd., total \$122,520; batch plant, Kerr and Perlitia and Hyperion and Kerr and Perlitia, Alt. to Alt. No. 1, Riverside Drive, Alt. to Alt. No. 1, between 6 a.m. and 10 p.m., \$1.50 ton; plus 20c ton between 10 p.m. and 6 a.m., on all days and also Sundays and holidays.

Blue Diamond Corp., disc. 20c ton or yd., 25th prox. Alt. 1, \$1.64 ton, \$152,766; Alt. 2, \$1.83 yd., \$126,270; plant, ¼ mi. southeast from Perlitia and Kerr Sts.

Owl Truck & Matts. Co., and Azusa Rock & Sand Co. (bidding jointly), disc. 20c ton or yd., 25th prox. Alt. 1, \$1.64 ton, \$152,766; Alt. 2, \$1.83 yd., \$126,270; plant, 1 mi. from Kerr and Perlitia Sts. * 20

May 18, 1938.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until May 31, 10 a.m., bids will be received by the Berkeley City Council (Florence Turner, City Clerk), City Hall, for furnishing 12,000 tons rock and screening.

Plans and specifications available at above office. * 20

May 18, 1938

CONTRACT AWARDED

SAN FRANCISCO.—J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco, at (1) \$32,486.96; and (2) \$32,928.46 awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custum House, San Francisco, for furnishing:
(1) One lot fabricated structural steel consisting of 4 trusses and 32 "I" beams; job Fort Funston;
(2) One lot fabricated structural steel consisting of 4 trusses and 32 "I" beams; job Fort Cronkhite.

Complete bids published April 29. * 20

May 18, 1938.

CONTRACT AWARDED

WASHINGTON, D. C.—Monolith Portland Cement Co., Los Angeles, Calif., at \$1.63 per barrel, awarded

contract by the U. S. Treasury Department, Procurement Division, Bureau of Supply, Washington, D. C., for furnishing 250,000 bbls. Portland cement for delivering in California for a six months' period. * 20

May 18, 1938.

BIDS OPENED

SAN FRANCISCO.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$594, net, f.o.b. Oakland, submitted low bid to the U. S. Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1227, for furnishing steel tower for Topa Topa Lookout; f.o.b. shipping point and/or Ojal, Cal.

Topical bids follow:
Moore Dry Dock Co., foot of Adeline St., Oakland—\$594, net, f.o.b. Oakland.

Independent Iron Works, Oakland—\$624, ½% 10 days, f.o.b. Oakland.
Herrick Iron Works, Oakland—\$678, net, f.o.b. Oakland.

Golden Gate Iron Works, S. F.—\$707, ½% 10 days; f.o.b. S. F.

Judson Pacific Co., S. F.—\$790; net; f.o.b. S. F.

Schrader Iron Works—\$860; net; f.o.b. S. F.

Bethlehem Steel Co., S. F.—\$882; net; f.o.b. South San Francisco.

United Iron Works—\$1750; f.o.b. Oakland, \$1846 f.o.b. Ojal; net. * 20

Bids under advisement.

May 18, 1938

CONTRACT AWARDED

SACRAMENTO, Calif.—Stanleton Lumber Co., Mills Bldg., San Francisco, at \$0.4699 per lf. submitted low bid and was awarded contract by the State Purchasing Agent, 319 State Capitol, Sacramento, under Bid No. 61366, for furnishing Douglas fir piling. Total bids follow:

Stanleton Lumber Co., Mills Bldg., San Francisco, \$0.4699 per lf.
The Long-Bell Lumber Co., S. F., \$0.529 lf.

Dustin Lumber Co., \$0.54½ lf.

McCormick Lbr. Co., S. F., \$0.55 lf.

Wienrick Lumber Co., \$0.60 lf.

Cross Lumber Co., \$0.60 lf.; 2% 10 da.

Jas. L. Hall, San Francisco, \$0.06¼ lf.; 2% 30 days.

Warren Southwest, \$0.69½ lf. * 20

May 13, 1938.

BID OPENED

LOS ANGELES, Calif.—Westinghouse Elec. & Mfg. Co. submitted the only bid to L. A. Water & Power Purchasing Agent for blade material for 37,500 kva, 528 CW turbine, Spec. 2633. (2) \$1,6786, (2) \$20,901, (3) \$20,901, (4) \$19,439. Terms net. * 20

May 13, 1938.

BIDS OPENED

OAKLAND, Cal.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS 213, for constructing and furnishing 18,600 lin. ft. of electrical welded cement-lined steel pipe of 25- and 36-inch diameters, for the distribution system of the East Bay Municipal Utility District.

Bids were taken on:
(1) 5,000 ft. 25-inch;
(2) 13,600 ft. 36-inch;
(3) cement lining for Item 1;
(4) cement lining for Item 2.

Complete bids follow:
California Corrugated Culvert Co., Berkeley—(1) \$10,300; (2) \$7,992.
Montague Pipe & Steel Co., San Francisco—(1) \$14,500.

The Steel Tank & Pipe Co. of California, Berkeley—(1) \$10,870; (2) \$52,416; (3) \$27,750; (4) \$10,900.

Berkeley Steel Construction Co., Inc., Berkeley—(1) \$11,450; (2) \$54,000.

608.

Southwest Welding & Mfg. Co.—(1) \$11,500; (2) \$57,392.

Consolidated Steel Corp., Ltd., Los Angeles—(1) \$14,400; (2) \$65,140; (3) \$7,200; (4) \$19,554.

American Concrete & Steel Pipe Co., Oakland—(3) \$2,700; (4) \$10,744. * 20

BIDS WANTED

OAKLAND, Calif.—Until May 25, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1018, for furnishing 60,000 feet copper service tubing from ¾ to 2-inch, and 764 pieces red brass seamless tubing.

Plans and specifications available at above office. * 20

BIDS WANTED

OAKLAND, Calif.—Until May 25, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS 215, for furnishing 215,000 gallons emulsion asphalt.

Plans and specifications available at above office. * 20

BIDS OPENED

OAKLAND, Calif.—P. E. O'Hair & Co., 945 Bryant St., San Francisco, at \$170.29, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1005, for furnishing approx. 8350 streamline fittings.

Complete bids follow:
P. E. O'Hair & Co., 945 Bryant St., San Francisco—\$1,740.29.

Olsen & Heffernan, San Francisco—\$1,742.

Mever & Wirthinger, Oakland—\$1,740.

Oakland Plumbing Supply Co., Oakland—\$1,846.54.

Richmond Sanitary Co., Oakland—\$1,846.54.

Walworth California Co., Oakland—\$1,846.54.

Tay-Holbrook, Inc., Oakland—\$1,846.54.

Grinnell Co. of The Pacific, Oakland—\$1,846.54.

Oakland Sheet Metal Supply Co., Oakland—\$1,846.54.

Cranford Co., Oakland—\$1,846.54.

American Brass & Copper Co., Oakland—\$1,846.54.

Moran Plumbing Supply Corp., Oakland—\$1,846.54.

Ducommun Metals & Supply Co., San Francisco—\$2,235.84. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custum House, San Francisco, under Bid No. 568-28-143, for furnishing: (1) 2700 MFEEM Douglas fir lumber, and (2) 14,400 sq. ft. plywood; job U. S. Engineer Office, Battery Davis, Fort Funston, San Francisco.

Bids were:

U. S. Plywood Corp.: (2) \$1080; 2% 30 days.

Allen Detman Lumber Co.: (1) \$441; (2) \$161.36; 2% 10 days.

Loop Lumber Co.: (1) \$435.86; (2) \$1328.40; 2% 30 days.

Thompson Lumber & Piling Co.: (1) \$344.70; (2) \$1200; 2% 10 days.

Forsyth the Hardwood Co.: (2) \$1195.20; 2% 20 days.

Rolando Lumber Co.: (1) \$433.65; 2% 30 days.

Maris Plywood Co.: (2) \$1550.88; 2% 20 days; Alt. \$1344.96; 1% 30 da.

B. G. Posey: (2) \$1257.84; 2% 10 da.; 1% 20 days.

Smith Lumber Co.: (1) \$444.68; (2) **\$103.17; 2% 10 days.
 *Bid disqualified.
 **Smith Lumber Co., lowest price for plywood apparently complying with specifications.
 Several alternates submitted. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$552; net; fob Alameda, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5629, for furnishing 50-ft. steel girder span, including all structural steel, bolts for field connections, bolts for superstructure and all miscellaneous steel portions necessary for the erection of the South Fork Feather River Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Earle M. Jorgensen, 534 Second St., Oakland, at \$558, 1/2 of 1% 30 days; fob San Francisco, was awarded the contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, May 18, 1938

CONTRACT AWARDED
 SAN FRANCISCO.—Baker-Hamilton & Pacific Co., 700 7th St., San Francisco, at \$383.41; 2% 30 days, submitted low bid and awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-38-145, for miscellaneous blacksmith shop equipment.
 Total bids follow:
 Baker-Hamilton & Pacific Co., 700 7th St., S. F., \$383.41; 2% 30 days.
 A. J. Glesener Co., \$442.57; 2% 20 ds.
 C. W. Marwedel Co., \$442.57; 2% 30 days.
 Marshall-Newell Supply Co., \$442.57; 2% 30 days.
 Dunham - Carrigan & Hayden Co., \$420.87 (partial bid, exclusive of 10 to 15); 2% 30 days.
 Miller & Stern Supply Co., (partial bid) Item 1, \$125.45; (2) \$59.75; (3) \$103.70; 2% 30 days. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—E. K. Wood Lumber Co., Frederick and King Streets, Oakland, at \$86.87, 2% 30 days, f.o.b. Cottage Grove, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5635, for structural Douglas Fir lumber for Rag Dump Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Sterling Lumber Co., 32nd and Ettie Sts., Oakland, at \$178.13, net, f.o.b. Oroville, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5628, for structural Douglas fir lumber for South Fork Feather River Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 730 29th St., Oakland, at \$407.79, 1% 20 days, f.o.b. Cheshire, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5642, for structural Douglas fir lumber for nothing Creek Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 730 29th St., Oakland, at \$407.79, 1% 20 days, f.o.b. Cheshire, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5642, for structural Douglas fir lumber for nothing Creek Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 730 29th St., Oakland, at \$407.79, 1% 20 days, f.o.b. Cheshire, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5642, for structural Douglas fir lumber for nothing Creek Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 730 29th St., Oakland, at \$407.79, 1% 20 days, f.o.b. Cheshire, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5642, for structural Douglas fir lumber for nothing Creek Bridge. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 730 29th St., Oakland, at \$407.79, 1% 20 days, f.o.b. Cheshire, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5642, for structural Douglas fir lumber for nothing Creek Bridge. 20

BIDS OPENED
 SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Invit. No. 2004, for furnishing 30 tons of copper sulphate for the San Francisco Water Department:
 S. L. Abbott, Jr., Co.: \$4,3775; 2% 10 days; fob Sunol;
 Mountain Copper Co., Ltd.: \$4,3775; 1% 10 days; 4 day del.;
 Baun-Knecht-Heiman Co.: \$4,45; 1% 10 days; 10 day del.;
 L. H. Butcher Co.: \$4,4725; 1% 30 days; 1 day del.

BIDS OPENED
 SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Invit. No. 2003, for hauling approximately 100 tons of 8-inch cast iron pipe for the San Francisco Water Department:
 John McCarthy & Son..... per ton
 Farnsworth & Ruggles..... 2.00
 G. W. Thomas Drayage & Rigging Co., Inc. 2.65
 Daniel Gallagher Co..... 2.10
 Carley & Hamilton, Inc..... 2.10
 Overland Freight Trans. Co..... 2.15
 J. A. Clark Draying Co., Ltd..... 2.20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at \$346.83, net; fob Pittsburg, Calif., was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5638, for furnishing reinforcing steel for the Junction City Bridge.

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at \$204.63, net; fob Pittsburg, Calif., was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5640, for reinforcing steel for Big Bend Ranger Station Bridge.

CONTRACT AWARDED
 SAN FRANCISCO, Calif.—Taper Tube Pole Co., Monadnock Bldg., at \$1,466.72, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Invit. No. 2000, for furnishing and delivering steel taper poles for Mission Playground. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at \$146.35 net, fob Pittsburg, Cal., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5637, for reinforcing steel for Knownothing Bridge. 20

May 18, 1938.

BIDS WANTED
 SACRAMENTO, Cal.—Until May 26, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-266, for furnishing and delivering miscellaneous castings, etc.

- Bids will be taken on:
- (1) 2 hearings for cutter shaft;
 - (2) 2 piston castings for cutter engine;
 - (3) 2 crosshead brasses for cutter engine;
 - (4) (a) 1 20-in. check valve;
 (b) 2 flap valves for 20-inch check valve;
 (c) one cover for 20-inch check valve.
- F.o.b. Rio Vista. 20

BIDS OPENED
 SAN FRANCISCO.—Following bids were received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 2002, for furnishing 110-lb. rail, the plates and mate castings for the Municipal railway.
 Columbia Steel Co.: (1) \$77,351; (2) \$14,960; (3) \$1005; (3a) \$749; (3b) \$749; (3c) \$110; total, \$3834.46; 50 days net.
 Bethlehem Steel Co.: (1) \$78,044; (2) \$1894 (unit price); (3) \$277.25; (3a) \$316; (3b) \$316; (3c) \$448, total, \$3323.67; 50 days net.

BIDS OPENED
 SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Invit. No. 2001, for furnishing cast manganese frogs for the Municipal Railway:
 Columbia Steel Co.: (1) \$2262.75; (2) \$316.87; 50 days net; 90 day del.
 Bethlehem Steel Co.: (1) \$2143.41; (2) \$1628.48; 50 days net. 20

CONTRACT AWARDED
 GOVERNMENT ISLAND, Calif.—Judson-Pacific Co., 609 Mission St., San Francisco, at \$1,006, net; fob San Francisco, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5643, for 60-ft. steel girder span, including all structural steel, bolts for field connections, bolts for superstructures, and all misc. steel portions necessary for the erection of the North Battle Creek Bridge.

ALAMEDA COUNTY PERMITS UNDER \$1000

REROOF, \$400; 2728 Belrose, Berkeley; owner, Mrs. McLanigan, Hotel Durant; contractor, Guy Tyler & Sons, 1502 Cedar.

ADDITIONS, \$750; 2300 Le Conte, Berkeley; owner, J. W. Harris, Prem.; contractor, H. K. Schulz, 811 Mendocino Ave., Oakland.

ALTERATIONS, \$100; 676 19th St., Oakland; owner and contractor, J. H. Lyons, 678 19th St.

ALTERATIONS, \$60; 4118 Broadway, Oakland; owner, Albert Hill, Prem.; contractor, Geo. Swannstrom, 1615 78th Ave.

GARAGE, private, \$100; 6212 Valley View Dr., Oakland; owner, F. S. Noland, Oakland; contractor, Henry Nelson, 1039 Cherry Way, Hayward.

WRECK 1-story dwelling, \$75; 903 Kirkham St., Oakland; owner, A. M. Wahl, Prem.; contractor, Corea House Wrecking, 3527 Peralta St.

WRECK 1-story building, \$10; 367 9th St., Oakland; owner, A. V. Lundy, c/o H. W. Jewett Co., Agent; contractor, Chas. Rogers, ALBERTA ST., \$150; 25 Prospect Rd., Piedmont; owner, George R. Johnson, Prem.; contractor, C. M. Greenlaw, 2682 Parker Ave., Oakland.

GARAGE, 1-story brick, \$900; 3750 Grand Ave., Oakland; owner and contractor, Lucille A. Barnett, 3750 Grand Ave.
ADDITION, \$175; 2733 25th Avenue, Oakland; owner and contractor, Reinhard & Hose, Prem.
REPAIRS, \$250; 1529-31 96th Ave., Oakland; owner and contractor, Geo. H. Pingree, 9519 Hillside St.
SIGNS, electric (3), \$150 each; 1101 Broadway, Oakland; owner, Normal Pharmacy, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

CHICO, Butte Co., Cal.—Until May 31, 8 P. M., bids will be received by the Chico City Council, H. H. Hume, City Clerk, City Hall, Chico, for the construction of a concrete bridge 50 ft. long and 30 ft. wide on Ivy Street over Chico Creek, city of Chico.

Work involves:

- (1) 1,815 c.y. channel excavation;
- (2) 850 c.y. structure excavation;
- (3) 406 c.y. concrete in pier, abutments and wings below girder;
- (4) 125 c.y. concrete in girders and floor;
- (5) 10 c.y. concrete in rail and posts;
- (6) 70,000 lbs. reinf. steel, in place;
- (7) 1076 lbs. expansion joint metal;
- (8) 200 l.f. electrical conduit, in place
- (9) 2 street light electroliters installed complete.

Plans and specifications may be obtained from the above office upon deposit of \$5. No bid will be received unless it is made on a proposal form furnished by the city engineer. * 21

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until June 8, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of two timber bridges and a corrugated multi-plate culvert and about 93 mile of roadway to be graded and road-mix surface treatment applied between Summit and 3 miles south of Paso Robles, San Luis Obispo Co.

Work involves:

- (1) Clear and grub right of way;
- (2) 4,600 c.y. rdwy. excav., unclass.;
- (3) 950 c.y. struc. excav.;
- (4) 4,500 c.y. imported borrow;
- (5) 17 st. finish rdwy.;
- (6) 22 tons liquid asphalt, SC-2 road mix surf. treatment;
- (7) 3,500 sq. yds. prepare, mix and shape roadbed;
- (8) 22,000 lbs. bar reinf. steel;
- (9) 190 c.y. Class A Portland cement concrete struc.;
- (10) 35 c.y. Class A Portland cement concrete slope paving;
- (11) 4 c.y. Class A Portland cement concrete invert paving;
- (12) 41 M. ft. BM treated Douglas fir timber;
- (13) 450 l.f. timber rail;
- (14) 60 c.y. rubble masonry;
- (15) 53 l.f. 8-in. CMP;
- (16) 60 l.f. 18-in. CMP;
- (17) 18 l.f. 24-in. CMP;
- (18) 52.5 l.f. 120-in. multi-plate CMP;
- (19) 3 each spillway assemblies;
- (20) 225 l.f. bank protection fence;
- (21) 3 each culvert markers;
- (22) 16 each guide posts;

- (23) 0.2 mile new property fence;
- (24) 0.1 mile move and reset existing property fence;
- (25) 1 lot existing struc. remove and dispose of;
- (26) 1 lot misc. bridge items.

The State will furnish CMP band couplers and spillway assemblies.

Plans and specifications may be obtained from above office. * 21

CONTRACT AWARDED

ORANGE CO., Cal.—Oberg Bros., 6024 Miramonte Blvd., Los Angeles, at \$14,149 (Alt. "C"), awarded contract by the State Division of Highways, Sacramento, for repairing a bridge across Santa Ana River about 40 miles south of Yorba Linda in Orange County. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco, at \$4,400, submitted low bid to the Public Works Office, Twelfth Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8692, for wood test piles, pile test loads and core borings at the Naval Air Station, Alameda.

Work involves:

- (1) Price for entire work complete;
- (1A) Deduct from Item 1 for core boring;
- (2) Add for each 100 feet core boring in excess of 2;
- (3) Add to Items (1) and (2) for each foot of core borings below elevation 0.00 not below elevation 100.00.

Total bids follow:

Raymond Concrete Pile Co., 333 Montgomery St., San Francisco, (1) \$4,400, (1a) \$500, (2) \$300, (3) \$4.00.
Schuler & McDonald, Inc., Oakland, (1) \$9,150, (1a) \$400, (2) \$250, (3) \$2.50.
The Duncanson & Harelson Co., S. F., (1) \$10,875, (1a) \$1350, (2) \$675, (3) \$4.00.

Ben C. Gerwick, Inc., S. F., (1) \$11,248, (1a) \$1400, (2) \$700, (3) \$5.00.
Healy-Thibbitts Constr. Co., S. F., (1) \$11,600, (1a) \$1380, (2) \$690, (3) \$4.25.
M. B. McGowan, Inc., S. F., (1) \$12,165, (1a) \$1000, (2) \$658, (3) \$3.85. * 22

AWARD RECOMMENDED

LOS ANGELES, Cal.—Case Const. Co., Box 6, San Pedro, at \$259,120, was recommended for award of contract by U. S. Engineer, Los Angeles, for dredging to a depth of 30 ft. below mean lower low water

the material remaining within the project limits of the turning basin and approach to East Channel in Los Angeles Outer Harbor and with the dredged material reclaiming approximately 26 acres of government-owned tideland at Fort MacArthur. Area to be dredged is 1500 ft. wide for a distance of 1800 ft. and narrows in W 868 ft. to a width of 337 ft. Invit. 407. * 22

23— CANALS

BIDS WANTED

ALL-AMERICAN CANAL. — As previously reported, until June 3, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 782, for the construction of earthwork, Sta. 2-24 to Sta. 2293-00, Coachella canal, All-American canal system, Boulder Canyon project.

Work involves:

- (1) 3,810,000 c.y. common excavation for canal, Sta. 2 plus 24 to 600 plus 00;
- (2) 2,610,000 c.y. common excavation for canal, Sta. 600 plus 00 to Sta. 1522 plus 00;
- (3) 2,610,000 c.y. common excavation for canal, Sta. 1522 plus 00 to Sta. 2293 plus 00 except Sta. 2073 to 2082 and 2662 to 2268 plus 50.

Plans and specifications may be obtained from the above office and from the Bureau of Reclamation at Denver, or Washington, D. C. No charge to prospective bidders for copies of the specifications and drawings; to others, \$1.00 per copy. * 23

BIDS OPENED

OWYHEE PROJ., Oregon-Idaho.—Henry L. Horn, Caldwell, Idaho, at \$20,773.50, submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1063-D, for construction of structures, South Canal laterals, 25.4 to 37.6, Succor Crk. Division, Owyhee Project.

Total bids follow:

Henry L. Horn, Caldwell, Idaho—\$20,773.50.

Pife & Co., Nyssa, Ore.—\$20,901.

Jesse Latham Co., Blackfoot, Ida.—\$21,489.

David A. Richardson, Ontario, Oregon—\$21,665.

Denten & Young, Nampa, Idaho—\$30,535.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th St., San Francisco. * 23

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one to 15 90-100-hp. track-laying type tractors, with bulldozer, one to eight 90-100-hp. track-laying tractors, each with 12-14-cy. wheel scrapers, opened by the State Highway Dept., Los Angeles, were:

Crow Bros. Constr. Co.—Five 95-hp. Caterpillar Diesel, bulldozer, 1937, \$7.45 hour; same with carryall, 1937, \$7.95 hour.

Geo. K. Thompson & Co.—Bid qualified not declared.

A. S. Vinnell Co.—One 1936 95-hp. Caterpillar and bulldozer, \$7.44 hr.; same, 1938, \$7.44 hr.; two 95-hp. \$7.44 hr.; one 95-hp. 1936 Caterpillar with carryall, 1938, \$7.74 hr.; one 95 hp. Caterpillar with carryall, 1938, \$7.84

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

hour.
 Basch Bros.—Four 95-hp. Caterpillar Diesel, bulldozer, 1936, \$7,40 hr.; two 95-hp. same, \$7,40 hr.; four 95-hp. same, \$7,40 hour.

Pacific Crane & Rigging, Inc.—90-100-hp. RD Caterpillar, 1936, \$7,50 hr.; 3 RD-8 same, 1936, \$8,50 hr.

C. G. Willis & Sons—One 95-hp. Caterpillar, 1936, \$7 hr.; 3 95-hp. Caterpillar, 1936, \$7,49 hr.

Silva & Hill Constr. Co.—One 95-hp. Caterpillar, 1937, \$7 hr.; 2 same, \$7 hr.; 3 same, \$7,49 hr. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one to five 60-70-hp. track-laying type tractors with bulldozer or angledozer for use on San Gabriel Canyon Highway and on Angeles Crest Highway for a period of 40 to 60 working days, opened by the State Highway Dept., Los Angeles, were:

Doty Bros., 60-70-hp. RD-7 Caterpillar, 1938, \$6,25 hr.
 E. G. Carroll, two 60-70-hp. same, 1937, \$5,65 hr.

R. A. Doty, RD-7 Caterpillar, 1937, \$6,25 hr.
 R. E. Campbell, two 60-hp. rebuilt 1938, \$5,25 hr.

Vdo Kovacevich, 63-hp. RD-7 Caterpillar, angledozer, 1937, \$6 hr.; 60-hp. same, bulldozer, 1934, \$4,90 hr.

G. L. Keys, 70-90-hp. A-C, bulldozer, 1937, \$6,95 hr.; same, 60-70-hp., 1937, \$6,50 hr.

Mojave Corp., 80-hp. A-C, 1935, \$7,50 hour. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one to five 70-90-hp. track laying type tractors, each with bulldozer or angledozer, for use on the San Gabriel Canyon Highway and on the Angeles Crest Highway, for 40 to 60 working days, opened by the State Highway Dept., Los Angeles, are:

W. C. Cole: 79-hp. A-C, bulldozer, \$6,00 hour.

Geo. K. Thompson & Co.: \$7 hour (qualified bid).

Gunther & Shirley Co.: (qualified bid; not declared).

J. Denni Inv. Corp.: 65-hp. A-C bulldozer, 1938, \$5,20 hour.

A. S. Vinnell Co.: two 68-hp. Caterpillar, 1937, \$6,44 hour.

Basch Bros.: 83-hp. Diesel Caterpillar, bulldozer, 1934, \$6,40 hr.; same 63-hp. bulldozer, 1936, \$5,90 hour.

C. G. Willis & Sons: five 83-hp. A-C, 1936, \$5,40 hour.

M. W. Brown: 60-70-hp. RD-7, Caterpillar, 1936, \$5,99 hour.

J. E. Haddock, Ltd.: 75-hp. A-C 1934, \$5,70 hour; two 75-hp. A-C, 1935, \$5,70 hour.

Silva & Hill Const. Co.: three 83-hp. A-C, 1934, \$6 hour; 75-hp. Caterpillar, 1935, \$7 hour.

Pacific Crane & Rigging, Inc.: 70-90-hp. Caterpillar, 1935, \$7 hour; 60-70-hp. Caterpillar, 1934, \$6,50 hour.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of 90-100-hp. tractors with bulldozers, angledozers, and carryalls, for use on Angeles Crest Highway, for 40 to 60 working days, opened by the State Highway Dept., Los Angeles, were:

John Murillo: 95-hp. RD-8 Caterpillar, 1937, \$7 per hour.
 Frank T. Hickey: 95-hp. do, \$8 hr. Claude Fisher Co., Ltd., do, 1933, \$7,50 hour.

Peter L. Ferry & Son: 95-hp. do, 1936, \$7 hr.; 95-hp. Caterpillar, 1938, \$7,25 hr.; do, 1936, \$7,25 hr.; 95-hp. same, 1938, \$7,25 hr.
 Minnis & Moody: 95-hp. RD-8 Caterpillar, \$7,97 hr.; same, with angledozer, \$7,97 hr.; 2 95-hp. same

with carryall, \$7,97 hour.

R. E. Campbell: 95-hp. Caterpillar, 1938, \$7,35 hr.; same, 1936, \$7,55 hr.; same, 1936, \$7,95 hr.

Vido Kovacevich: 95-hp. RD-8 Caterpillar, 1938, \$7,40 hour.
 G. L. Keys: 95-hp. Caterpillar, 1937, \$7,25 hour, 95-hp. do, 1937, \$7,75 hr. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one motor grader with 13-ft. blade for use on the San Gabriel Canyon highway and on Angeles Crest Highway, for a period of approximately 40 to 60 days, opened by the State Highway Dept., Los Angeles, were:

Brown-Bevis Equip. Co.: Austin-Western, 1938, \$6 hour.
 J. E. Haddock, Ltd.: 45-hp. Austin, 1937, \$5,70 hour.

Gogo & Rados: Caterpillar diesel 60, 1937, \$4,44 hour.
 G. W. Ellis: 59-hp. Austin, 1937, \$5,75 hour. * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until June 4, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1071-D, for furnishing and delivering one trash-rake for the All-American Canal headworks and one trash-rake for the Gila Valley canal headworks at the Imperial Dam, All-American canal system, Boulder Canyon Project; for shipping point and/or Potholes, Calif. Apparatus will be installed by the Government.
 Plans and specifications may be obtained at the above office. * 25

BIDS OPENED

SAN FRANCISCO.—Cochran and Celli, 417 6th St., Oakland, at \$6,120 fob Oakland or Government Island, 35 days delivery, submitted low bid and was recommended for award by the U. S. Forest Service Regional Office, G. D. Heustis, Asst. Procurement Officer, 1022 Phelan Building, 760 Market St., San Francisco, under Bid No. 1223, for construction of 4 suppression squad tank trucks.
 P. E. Van Peit Co., Oakdale, at \$7060; fob Oakland or Government Island, 45 days delivery, submitted only other bid. * 25

CONTRACT AWARDED

SAN FRANCISCO.—The Trailer Company of America, 600 Third St., Oakland, at \$958, net, f.o.b. Oakland, submitted low bid and was awarded the contract by the U. S. Forest Service Regional Office, G. D. Heustis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1224, for furnishing two new Pole-Dolly trailers; f.o.b. shipping point. Alternate: f.o.b. Oakland.
 Complete bids follow:
 The Trailer Co. of America, 600 Third St., Oakland—\$953; net; f.o.b. Oakland.
 Nelson Truck & Trailer Co., Oakland—\$1,000; f.o.b. Louisville, Ky., \$1,157,50; f.o.b. Oakland; net.
 Reliance Trailer Co., Inc., S. F.—\$1,018; f.o.b. S. F. or Oakland, 2% 10 days.
 Cochran & Celli, Oakland—\$1,067; net; f.o.b. Oakland.
 Utility Trailer Sales Co., S. F.—\$1,132; f.o.b. L. A.; \$1,162; f.o.b. Oakland; net.
 Fruehauf Trailer Co., S. F.—\$1,236 f.o.b. S. F. or Oakland; net. * 25

BIDS OPENED

SAN LUIS OBISPO CO., Calif.—Following submitted bids to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for rental of equipment, as follows:
 (A) LOCATION A—I distributor for northern San Luis Obispo and Southern Monterey Counties;
 (B) LOCATION B—(1) Distributor, and (2) tank trailer for vicinity of Los Alamos, Santa Barbara County;
 (C) LOCATION C—(1) Distributor, and (2) tank trailer for southern Santa Barbara County.
 Bids were:
 Powers & Patterson, Cedarville—(A) \$4.35 per hour.
 Bert Hale, Pismo Beach—(A) \$4.50, (B) \$5.00, (B2) \$1.00.
 L. A. Brisco, Arroyo Grande—(A) \$4.50.
 Paul J. Ralph, Arroyo Grande—(A) \$5.00.
 Bradley Truck Co., Santa Maria—(A) \$5.00, (B1) \$4.50, (B2) \$0.50, (C1) \$5.00, (C2) \$0.50.
 R. B. Snow, Santa Maria—(A) \$5.25, (B1) \$4.50, (B2) \$1.50, (C1) \$5, (C2) \$2.00.
 Granite Constr. Co., Ltd., Watsonville—(A) \$5.50.
 J. J. Hergert, Gaviota—(C1) \$5.00, (C2) \$2.00. * 25

Engineer, 50 Higuera St., San Luis Obispo, for rental of equipment, as follows:

(A) LOCATION A—I distributor for northern San Luis Obispo and Southern Monterey Counties;
 (B) LOCATION B—(1) Distributor, and (2) tank trailer for vicinity of Los Alamos, Santa Barbara County;

(C) LOCATION C—(1) Distributor, and (2) tank trailer for southern Santa Barbara County.

Bids were:
 Powers & Patterson, Cedarville—(A) \$4.35 per hour.
 Bert Hale, Pismo Beach—(A) \$4.50, (B) \$5.00, (B2) \$1.00.
 L. A. Brisco, Arroyo Grande—(A) \$4.50.
 Paul J. Ralph, Arroyo Grande—(A) \$5.00.
 Bradley Truck Co., Santa Maria—(A) \$5.00, (B1) \$4.50, (B2) \$0.50, (C1) \$5.00, (C2) \$0.50.
 R. B. Snow, Santa Maria—(A) \$5.25, (B1) \$4.50, (B2) \$1.50, (C1) \$5, (C2) \$2.00.
 Granite Constr. Co., Ltd., Watsonville—(A) \$5.50.
 J. J. Hergert, Gaviota—(C1) \$5.00, (C2) \$2.00. * 25

BIDS WANTED

SAN CARLOS, San Mateo Co., Cal.—Until May 26, 8 p.m., bids will be received by the San Carlos City Council, Lillian A. Lynch, City Clerk, for furnishing and delivering one Model D 30, 1½-ton International truck equipped with cam and roller hoists; f.o.b. San Carlos.
 Plans and specifications available at above office. * 25

BIDS WANTED

BUFFALO RAPIDS PROJ., Mont.—Until May 31, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1069-D, for furnishing and delivering two 36-inch motor-operated gate valves; one motor-driven, deep well type pumping unit; one motor-driven, rotary type vacuum pumping unit; and one 10-ton traveling crane for the Glendive pumping plant, Glendive division, Buffalo Rapids Project, Mont.; fob shipping point and/or Fallon, Mont. Apparatus will be installed by the Government.
 Plans and specifications may be obtained at the above office. * 25

CONTRACTS AWARDED

OAKLAND, Calif.—Connell Motor Co., 3321 Broadway, Oakland, at (1) \$1199,91, and Howard Automobile Co., 2735 Broadway, Oakland, at (2) \$1490,41, were awarded contracts by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing (1) three automobiles for the Oakland Fire Dept.; and (2) one automobile for the Auditor's office. * 25

BIDS WANTED

YERBA BUENA SHOALS.—Until May 26, 3 p.m., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 189,1, for furnishing mechanical equipment, Fountains in Central, East & North Square Courts.
 Plans and specifications may be obtained from the above office after May 17, 2 p.m. * 25

CONTRACT AWARDED

YERBA BUENA SHOALS, Cal.—O'Mara & Stewart, Ltd., 218 Clara St., San Francisco, at \$439,00, was awarded contract by the S. F. Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 187,1,

for pumping equipment for South Court Fountains on Yerba Buena Shoals. * 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Delose Kemp, Fernbridge, at \$4.35 per hour, submitted low bid to the Division of Highways, E. R. Green, Acting District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental of one ½-cu. yd. power shovel with trailer for approximately 500 hours' use in Mendocino and Lake Counties.

Total bids follow:
 Delose Kemp, Fernbridge.....\$4.35
 E. B. Bishop, Orland.....5.00
 Helwig Constr. Co., Sebastopol...5.15
 Harrison & Harrison, Oroville.....5.25
 C. E. Huls, Merced.....5.75
 R. M. Taylor, Cottonwood.....5.95
 Rock & Gravel Trucking Co., Oakland.....6.00
 Harold Daggett, Fortuna.....5.10
 J. P. Breen, Sacramento.....7.00
 * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Caterpillar Tractor Co., Peoria, Ill., at \$35,820, fob Peoria, was awarded contract by U. S. Engineer, Los Angeles for four diesel engine driven crawler type tractors. Invt. 437. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—California Corrugated Culvert Co., at \$9740.22, ½ of 1%, 10 days, was awarded contract by the U. S. Engineer, Los Angeles, for automatic drainage gates of cast steel. Invt. 507. * 25

BIDS OPENED

SAN FRANCISCO.—Star Ornamental Iron Works, 227 Bay Street, San Francisco, at \$274,300, ½% 10 days, submitted low bid and was recommended for award by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-144, for anchor bolts, pipe sleeves and channels; f.o.b. Battery Davis, Fort Funston and Battery Townsend, Fort Cronkhite, Marin County, Calif.

Complete bids follow:
 Star Ornamental Iron Works, 227 Bay St., S. F.—\$274,300; ½% 10 da.
 Herrick Iron Works, Oakland—\$293; net.

Kortick Mfg. Co., S. F.—\$317.12; net.
 Schrader Iron Works, Inc., S. F.—\$325.12; net.

Independent Iron Works, Ltd., Oakland—\$339.20; ½% 10 days.
 Fair Mfg. Co., S. F.—\$341; net.
 East Bay Welders, Oakland—\$387.77; net. * 25

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Peterson Tractor & Equipment Co., 470 Bay Shore Blvd., San Francisco, at \$1,349.60, submitted low bid and was awarded contract by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., under Bid No. 1226, for overhauling four caterpillar "50" tractors. * 25

BIDS OPENED

SAN FRANCISCO — Knox-Hale Machinery Co., 235 Bayshore Blvd., San Francisco, at \$417.75; 2% 20 days submitted low bid to the U. S. Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1225, for furnishing one concrete vibrator machine; fob shipping point and/or Piedra, Calif.

Complete bids follow:
 Knox-Hale Mch. Co., 235 Bayshore Blvd., S. F.: \$417.75; 2% 20 days

fob San Francisco or Piedra.
 Jenison Machinery Co., S. F.: \$436; net; fob Piedra.
 Harron, Rickard & McCone Co., San Francisco: \$460; 2% 30 days; fob San Francisco or Piedra.
 Delta Equipment Agency: \$460; 2% 10 days; fob Oakland or Piedra.
 Edward R. Bacon Co., San Francisco: \$465; net; fob Los Angeles. * 25

BIDS OPENED

KENDRICK PROJ., Wyo.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 779, for furnishing and delivering main control equipment and current transformers; station-power switchboard, distribution cabinets and miscellaneous equipment; metal-clad switchgear, and two 5,000-volt, 200-ampere oil circuit breakers with frame mounting; for installation in the Seminoe power plant, Kendrick project, Wyo.; fob shipping point and/or Parco, Wyo. Equipment will be installed by the government.

Bids were:
 Westinghouse Elec. & Mfg. Co., Denver, (1) \$14,998, wt. 11,700; (2) \$8,250, wt. 7,000; (3) \$42,684, wt. 35,700; (4) \$1,050, wt. 1,650; fob Parco, Wyo.; net.

NePage-McKenny Co., Seattle: (1) \$18,976, wt. 7,500; (2) \$5,997, wt. 3,500; fob Seattle; net.
 The Wolfman Mfg. Co., Baltimore, Md.: (1) \$13,960, wt. 13,000; (2) \$6,436, wt. 5,500; (3) \$42,062, wt. 54,000; (4) \$695, wt. 1,400, combination 1, 3, 5 and 7 \$60,500; fob Baltimore; net.

Allis-Chalmers Mfg. Co., Milwaukee, Wis., (1) \$15,170, wt. 12,225; (3) \$43,324, wt. 35,000; (4) \$1,059, wt. 1,600; fob Parco, Wyo.; net.
 General Electric Supply Corp., Denver: (1) \$5,726.52, wt. 5,500; fob Seattle; net.

General Electric Co., Schenectady, N. Y., (1) \$15,050, wt. 8,360; (2) \$8,320, wt. 8,500; (3) \$42,980, wt. 34,000; (4) \$1,066, wt. 1,600, combination 1, 3, 5 and 7, \$67,436; fob Parco, Wyo.; net.

Laranke Electric Co., Cleveland, (2) \$4,607, wt. 10,400; 1% disc.
 The Powerlite Switchboard Co., Cleveland: (2) \$5,165, wt. 7,500; fob Cleveland; 2% disc.

Control Corp., d/b/ General Controls Co., Minneapolis, (1) \$12,565, wt. 6,000; fob Parco, net.
 (3) \$87,115, wt. 48,000; fob Parco; (3) \$37,115, wt. 48,000; fob Parco; net.

Delta Star Electric Co., Chicago, (3) \$41,985, wt. 45,000; fob Parco; net. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 60598, Req. No. HS 18194, for one 315-cu. ft. gasoline engine driven air compressor on skids; f.o.b. Sacramento, Cal. Chicago Pneumatic Tool Co., San Francisco, \$4,072.00.

Edward R. Bacon Co., San Francisco, \$3,614.25.
 Leitch & Co., San Francisco, \$3,888.75.

Western Machinery Co., San Francisco—\$4,234.64.

The Rix Co., Inc., San Francisco—\$3,476.25; disc. 1% 10 days.

Worthington Pump & Machinery Corp., San Francisco, \$3,000.

Sullivan Machinery Corp., S. F., \$1,175.

Gardner-Denver Co., S. F., \$4,064.

* 25

BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until June 2, 10 A. M., bids will be

received by the Imperial Irrigation District, El Centro, for installing miscellaneous equipment and for furnishing and installing all piping for additions to the District's Diesel power plant at Brawley, in accordance with Spec. 9A, copies of which may be obtained from the office of the district, El Centro, upon deposit of \$10 per set. The principal items involved are:

Installing, on foundations furnished by the district, heat exchangers, centrifuge, and transfer and sump pumps; and

Piping for plant extension.
 Certified or cashier's check or bid bond for 5% must accompany each proposal. M. J. Dowd, Imperial, chief engineer and general supt. W. W. Goodson, secretary. * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until June 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1072-D, for furnishing and delivering ventilating and air-cooling equipment for installation in the Boulder power plant, Boulder Canyon Proj.; fob shipping point and/or Boulder City, Nev. Equipment will be installed by the Government and all motor controls will be furnished by the Government.

Plans and specifications may be obtained at the above office. * 25

BIDS WANTED

YAKIMA PROJECT, Wash.—Until June 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1070-D, for furnishing and delivering three 15,200-lb. capacity gate hoists and one motor-driven hoist-drive unit for the Pomona siphon wasteway, Roza division, Yakima Proj., Wash.; fob shipping point and/or Pomona, Wash. Materials will be installed by the Government.

Plans and specifications may be obtained at the above office.

BIDS WANTED

ELKO CO. Nev.—Until June 6, 11 a.m., bids will be received by the Board of Highway Commissioners of the County of Elko, Nev., for the purchase of one ½-yard power shovel with full swing and equipped with trailer, f.o.b. Elko, Nev. Bid to specify terms for cash or time payments. Mae E. Caine, clerk. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing one pumping engine for the Fire Department; The Seagrave Corp., San Francisco, \$14,040; net.

American LaFrance & Foamite Industries, Inc., Oakland, at \$14,780.50, 5% 30 days. * 25

BIDS OPENED

SOLANO COUNTY, Calif.—Basalt Rock Co., Inc., 900 8th Street, Napa, at \$300 per hour submitted low bid to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of one gasoline or diesel operated shovel equipped for both dragline and clamshell. Shovel must be minimum of 1½-c.y. capacity and equipped with a boom of not less than 52 ft. in length, a dragline bucket of 1½-c.y. and a minimum of 1½-c.y. clamshell bucket, for use on the American Canyon cut-off in Solano County, between Cordelia and Vallejo.

W. E. Karstedt, San Jose, at \$9.25 per hour submitted only other bid.

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-260, for one new outboard motor not less than 4.5 brake h.p., fully equipped; fob Rio Vista. Allowance on one 1934 model 4.5 h.p. Elto Service Twin outboard motor, under Order No. 9405. Bids were:

B. H. Hebgren Co., Ltd., San Francisco, \$103; allowance \$20.
Anchor Drug Co., Sacramento, \$113-50; allowance \$20.
Johnson Motor, San Francisco, \$84-84; allowance \$15. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one oil mixer for use on the Roosevelt Highway, west of the Los Angeles city limits, for a period of approximately 30 working days, opened by the State Highway Department, Los Angeles, were:

Road Mix, Inc.: 7-ft. Standard Steel, 1937, \$3 hour.
Geo. Gardner & Sons: 6-ft. Gardner, rebuilt 1937, \$7.50 hour; 7-foot Gardner, rebuilt 1937, \$8.50 hour. * 25

26— RAILROADS

TO ASK BIDS

SANTA ANA, Orange Co., Calif.—Contractors who wish to file for pre-qualification in connection with the proposed grading and drainage structures on the re-location of the Atchison, Topeka & Santa Fe Railway, 6.21 miles, and the California State Highway (VIII-Riv-43-A), 1.53 miles made necessary by the construction of the Prado Retarding Basin on the Santa Ana river, may do so up until five days before the opening of bids for the work. Previously the deadline was set for May 12, but due to the fact that the plans and specifications are not completed, contractors will still have an opportunity of pre-qualifying themselves for the job. M. N. Thompson, Flood Control Engineer, believes that the plans and specifications can be presented to the board of supervisors by May 21, at which time the board will advertise for bids to be received probably two weeks later. The definite date will be announced later. Forms for filing must be obtained at Room 326, Court House Annex, Santa Ana. The proposed work involves: 750,000 c.y. unclass. excavation; 3,000 c.y. reinf. concrete drainage structures.

Contractors who have filed are: Lewis Const. Co., 3440 W 2nd St., Los Angeles.

Gates & Huntley, 2020 Hyperion Ave., Los Angeles.

Morrison-Kindgen Co., 1121 Title Guarantee Bldg., Los Angeles.

Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles.

J. E. Haddock, Ltd., 357 N Chester Ave., Pasadena.

Winston Bros., 920 Title Guarantee Bldg., Los Angeles.

Gibbons & Reed Co., 221 E San Fernando Road, Burbank.

Clyde W. Wood, Box 49, Stockton.

Raymond Concrete Pipe Co., Washington Bldg., Los Angeles.

Werner & Webb, 650 N Robertson Blvd., Los Angeles.

Sander Pearson and Minnis and Moody, 650 N Robertson Blvd., Los Angeles.

Sharp & Fellows Contr. Co., Central Bldg., Los Angeles.

Macco Const. Co., 815 Paramount Blvd., Clearwater.

Granfield, Farrar & Carlin, 67 Hoff St., San Francisco.

Ralph A. Bell, 127 E. Olive Ave.,

Monrovia.
Oberg Bros., 6024 Miramonte Blvd. Los Angeles. * 26

CONTRACT AWARDED

SAUGUS, Los Angeles Co., Cal.—Detailed estimate of the grading and excavating awarded by the Southern Pacific Railway to Clyde W. Wood, Stockton, in connection with roadbed for railway and line and grade changes in Soledad Canyon, between Russ and Lang, follows:

SECTION "A"
170,000 c.y. grading at 28 c.y.;
5,000 c.y. excav. at 20c c.y.;
1,000 c.y. excav. and hauling sand at 50c c.y.;
25,000 c.y. overhaul at 1c c.y.;
2,000 M. gals. water at \$1 per M gals.

SECTION "B"
100,000 c.y. grading at 28c c.y.;
600 c.y. excav. sand at 50c yd.;
5,000 c.y. overhaul at 1c yd.;
1,200 M. gals. water at \$1 per M gals. * 26

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials, as follows:

BID NO. 5367—Diamond Match Co., at \$560.25, for furnishing 900 sacks of Portland cement; f.o.b. Crockett.

BID NO. 5365—Not awarded; request cancelled; red quarry tile.

BID NO. 5221—C. W. Marwedel, at \$852.58, for furnishing stainless steel; 2% 30 days. * 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:
May 24, 10 A. M.

BID NO. 5412—Tile, f.o.b. Larkin and Beach Sts., San Francisco.

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials for use on WPA projects:

BID NO. 5296: Stewart and Nuss, Fresno; for 400 barrels of cement.

BID NO. 5325: Dunham, Carrigan & Hayden, at \$18 on Item 1 for asphalt waterproofing; 1 day del. 2% 30 days.

BID NO. 5332: Melrose Bldg. Materials, at \$1788, for misc. concrete aggregates; fob cars; \$0.10 per ton 30 days.

BID NO. 5334: Dunham, Carrigan & Haynde, at \$505, for 2500 l.f. of galv. steel pipe; 2% 30 days.

BID NO. 5341: Gilmore Steel & Supply Co., at \$1419.80, for 15,500 l.f. of galv. steel pipe; 2% 30 days.

BID NO. 5343: Herrick Iron Works, at \$936, for 300 CWT reinf. steel bars; net.

BID NO. 5342: Scott Mch. Co., at \$1434 on Item 1, and United Pipe & Supply Co., at \$0.67 on Item 2; 2% 30 days; for 1300 l.f. of galv. steel pipe of various sizes.

BID NO. 5344: California Corru. Culvert and couplers; 1% 20 days.

BID NO. 5345: Loop Lumber Co., at \$1118, for No. 2 Douglas fir lumber; 2% 30 days.

BID NO. 5350: Alsthorpe Lumber Co. at \$580 for 500 sacks of Port-

land cement; net.
BID NO. 5352: Henry Cowell Lime & Cement Co., at \$330 for 500 sacks of Portland cement; net. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts were awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for misc. work and supplies, as follows:

BID NO. 5353—L. B. Henderson, Porterville, for drilling and testing wells and furnishing and placing casing. Only one bid was submitted.

BID NO. 5356—Herrick Iron Works, \$567.75, for furnishing reinf. steel bars and steel wire. Net; all or none.

BID NO. 5297—Cancelled. * 27

BIDS WANTED

SAN FRANCISCO.—Until May 24, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 4th Street, San Francisco, under Bid No. 5414, for furnishing tile of various sizes; f.o.b. Larkin and Beach Streets, San Francisco. * 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:
MAY 23, 10 A. M.:

BID NO. 5408: 14.40 C sq. ft. expanded metal, 1080 l. ft. bars and 240 corners; fob Beach and Larkin Sts., San Francisco.

BID NO. 5409: 436 l.f. corru. metal pipe culvert and 15 hand couplers; fob Contra Costa County.

BID NO. 5410: 20,800 FBM Douglas fir lumber; fob 27th Avenue and Cabrillo St., San Francisco.

BID NO. 5411: 250 gals. lacquer and 10 gals. thinner; fob Larkin and Beach Sts., San Francisco.

BID NO. 5412: 1,150 gals. emulsified asphalt; fob Lombard and Kearny Sts., San Francisco.

BID NO. 5413: 1000 sacks of Portland cement; fob Delano, Calif.

BID NO. 5416: 250 c.y. gravel; fob Concord, Calif. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials, as follows:

BID NO. 5290: C. W. Hartman, \$250; net; sand and gravel.

BID NO. 5291: Stewart & Nuss, Inc.; \$289; net; unit price, \$0.724; 400 sacks of Portland cement.

BIDS WANTED

SAN FRANCISCO.—Until May 25, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5420, for rental of one ½-ton pick-up truck equipped with end gate and enclosed cab; f.o.b. San Francisco Airport, San Mateo Co., Calif. * 27

BIDS WANTED

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:
May 26, 10:00 A. M.

BID NO. 5429—270 tons crushed rock and 41 tons rock mesh; f.o.b. Ft. Baker, Marin Co., Cal.

BID NO. 5430—1,000 c.y. loam; f.o.b.

Sunset near Skyline Blvd., S. F. BID NO. 5432—12,136 ft. b.m. No. 1 common Douglas fir, and 13,440 ft. b.m. dense select structural Redwood; f.o.b. Taft, Cal.

BID NO. 5432—13,992 ft. b.m. dense, select, heart structural redwood; f.o.b. Salinas, Cal.

BID NO. 5433—Pearl buttons; f.o.b. 900 19th Ave., Oakland, Cal.

BID NO. 5434—900 sacks Portland cement; f.o.b. Sacramento, Cal.

BID NO. 5435—6000 gal. emulsified asphalt; f.o.b. Ft. Baker, Marin Co., Cal.

May 27, 10:00 A. M.
BID NO. 5436—10 unit heaters; f.o.b. 34th and Clement Sts., S. F. * 27

BIDS WANTED

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

May 23, 10:00 A. M.
BID NO. 5428—640 lin. ft. steel welded pipe; f.o.b. Woodlake, Calif.

May 24, 10:00 A. M.
BID NO. 5422—50,000 ft. b.m. Douglas fir lumber; f.o.b. Havelock and Edna Sts., S. F.

BID NO. 5423—20 tons alfalfa hay; f.o.b. Berkeley, Cal.

BID NO. 5425—50,000 ft. b.m. Douglas fir lumber; f.o.b. Havelock and Edna Sts., S. F.

May 25, 10:00 A. M.
BID NO. 5426—400 sacks Portland cement; f.o.b. Yreka, Siskiyou Co., Cal.

BID NO. 5427—White lead, turpentine, putty, brushes, paint and varnish; f.o.b. 34th Avenue and Clement St., San Francisco. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc supplies and materials, for use on WPA projects:

BID NO 5351—Homer T Hayward Lumber Co.; \$1120; 2% 30; for furnishing 400 bbls of Portland cement.

BID NO. 5357—J. O. and C. U. Martin; \$409; 3% 20; for steel bolts.

BID NO. 5360—P. E. O'Hair; \$1885.92; 1% 30 on Item 1; 2% 30 on balance; for flat sheet steel.

BID NO. 5361—Gilmore Steel & Supply; \$277.86; net; for steel reinf. bars.

BID NO. 5365—Loop Lumber Co.; \$1899; 2% 30; for Redwood and Douglas fir lumber.

BID NO. 5370—King Lumber Co.; \$925; net; roofing tile.

BID NO. 5378—Commercial Paper Corp.; \$348.13; net; for mimeo paper.

BID NO. 5379—Gilmore Steel & Supply; \$274.65; net; for reinf. steel and steel wire. * 27

28— FIRE EQUIPMENT

BIDS WANTED

LOS ANGELES, Cal.—Until June 20, 2 p.m., bids will be received by Metropolitan Water District, Los Angeles, for carbon dioxide fire extinguishing equipment for Colorado River Aqueduct pumping plants, Specification 280. Certified or cashier's check for \$1000 must accompany bid.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

YOLO COUNTY, Calif.—Claude C Wood, P. O. Box 1714, Stockton, at \$14,105 was awarded contract by the

State Division of Highways. Public Works Bldg. Sacramento, for applying road-mix surface treatment to about 8.1 miles of highway and constructing shoulders between 3 miles north of Esparto and northeast corner of Rancho Gueissosi in Yolo Co.

BIDS OPENED

SAN MATEO, Cal.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$2,322.90, submitted low bid to the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, for the preparation of a rock base for the preparation of a rock base by scarifying and adding additional rock where required, the blading and bringing to a uniform grade and cross section, and the wetting and compacting of rolling, and the construction of a one and one-half inch armor coat surface on Palm Avenue between 12th Ave. and Bell St., San Mateo.

- Work involves:
(1) 8110 sq. yds. preparing base;
(2) 50 tons base rock;
(3) 466 tons crushed rock;
(4) 156 tons screening, coarse and fine;
(5) 9,020 gals. emulsified asphalt.

- Total bids follow:
(A) Pacific Truck Service, Inc., 646 Park Ave., San Jose, \$2,322.90.
(B) Wm. O. Tyson, Redwood City—\$2,527.00.
(C) J. C. Smith, San Mateo—\$2,682.
(D) Hayward Bldg. Materials Co., Hayward—\$2,819.40.
(E) Grant & Hoffmann, Redwood City—\$2,853.90.
(F) Union Paving Co., S. F.—\$3,141.30.
(G) Lee J. Immel, Berkeley—\$3,538.90.

(H) Chas. L. Harney, S. F.—\$3,856.41.
(I) Palo Alto Road Materials Co., Palo Alto—\$4,096.10.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(A)	\$0.03	\$1.25	\$2.20	\$2.60	\$0.065
(B)	.036	2.15	2.15	2.59	.08
(C)	.078	1.00	2.52	2.63	.08
(D)	.05	1.00	2.60	3.05	.075
(E)	.04	2.25	2.50	3.40	.08
(F)	.11	1.00	2.10	2.30	.09
(G)	.09	2.00	3.00	3.20	.09
(H)	.057	1.90	3.00	6.00	.107
(I)	.07	3.00	4.00	4.50	.09

Two low bids held under advisement; all others rejected. * 29

BIDS OPENED

NAPA, Napa County, Calif.—A. G. Raisch, 1 De Haro St., San Francisco, at \$15,763.70, submitted low bid and was recommended for award by the Napa City Council, Whitefield Griffiths, City Clerk, City Hall, Napa, for the improvement of Jefferson Street, from the southerly line of E Street to the southerly line of Lincoln Ave., by grading the roadway, constructing cement concrete gutters, salvaging rock and gravel surfacing for the purpose of constructing a sub-base and constructing an asphalt concrete pavement between curbs already constructed in Napa.

- Work involves:
(1) 3,150 c.y. roadway excavation, including salvaging materials for sub-base;
(2) 2,574 ft. cement conc. gutter;
(3) 250 tons imported crushed rock;
(4) 56,330 sq. ft. sub-base construction;
(5) 56,300 sq. ft. asphalt. conc. paving.

- Total bids follow:
(A) A. G. Raisch, 1 De Haro St., San Francisco, \$15,763.70.
(B) Chas. L. Harney, San Francisco—\$16,551.05.

Unit prices follow:

	(A)	(B)
(1)	\$0.60
(2)60
(3)	2.00

(4)	.....	.02	.015
(5)	.....	.19	.21
			* 29

BIDS OPENED

GILPIN CO., Colo.—Hamilton and Gleason Co., 505 Tramway Building, Denver, Colo., at \$87,561.80, submitted low bid to the U. S. Bureau of Public Roads, 254 Custom House, Denver, Colo., for 2,363 mi. constructing or improving Project 29-F and G of the Boulder-Idaho Springs Forest Highway Route, located within or partly within the Roosevelt National Forest, Gilpin County, Colo.

- Total bids follow:
Hamilton & Gleason Co., 505 Tramway Bldg., Denver, Colo.—\$87,561.80.
Platt, Rogers, Inc., Pueblo, Colo.—\$91,752.75.
E. J. Hennen Constr. Co., Colorado Springs—\$100,429.80.
Hinnam Bros. Constr. Co., Denver—\$103,482.60.
Lowdermilk Bros., Denver—\$105,597.80.
S. S. Magoffin Co., Inc., Inglewood, Colo.—\$113,705.80.

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 29

CONTRACT AWARDED

SOUTH GATE, Los Angeles Co., Calif.—R. H. Liggett, 4308 Lago Ave., Lynwood, at \$18,566.30, awarded contract by the South Gate City Council, for constructing a pedestrian subway and appurtenant work at Forestone Blvd. and Garden View Avenue. * 29

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$3083.65 submitted low bid to the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, for the removing and construction of a 6-inch hydraulic cement concrete curb and gutter and the final preparation of the sub-grade and construction of a 1 1/2-in. armor coat surface, and bringing to proper grade of existing manholes, valves or gate box frames on Delaware Street bet. the center line of San Mateo Creek and the SE line of Fifth Ave., San Mateo.

- Work involves:
(1) 506 tons crushed rock;
(2) 176 tons screenings, coarse and fine;
(3) 132 tons calrock;
(4) 9,160 gals. emulsified asphalt;
(5) 10 1/2 c.y. concrete for curb and gutter.

- Total bids follow:
(A) Pacific Truck Service, Inc., 646 Park Ave., San Jose, \$3,083.65.
(B) Wm. O. Tyson, Redwood City, \$3,099.26.
(C) Union Paving Co., San Francisco, \$3,367.80.
(D) L. C. Smith, San Mateo, \$3,415.25.
(E) Hayward Bldg. Material Co., Hayward, \$3,602.20.
(F) Lee J. Immel, Berkeley, \$4,039.20.
(G) Chas. L. Harney, San Francisco, \$4,765.92.

- (H) Palo Alto Road Materials Co., Palo Alto, \$4,983.40.
Unit prices follow:
(1) (2) (3) (4) (5)
(A)..... \$2.20 \$2.50 \$4.60 \$0.665 \$22.50
(B)..... 2.15 2.59 4.96 .08 16.00
(C)..... 2.15 2.50 6.50 .09 15.00
(D)..... 2.22 2.63 5.25 .08 29.50
(E)..... 2.85 3.20 5.70 .075 15.00
(F)..... 3.00 3.20 7.00 .09 20.00
(G)..... 3.05 6.00 7.00 .107 25.00
(H)..... 4.50 5.00 6.00 .09 20.00

Two low bids held under advisement; all others rejected. * 29

CONTRACT AWARDED

LOS ANGELES CO., Cal.—George R. Curtis Paving Co., 2100 E. 25th

St., Vernon, at \$34,413 was awarded contract by the State Division of Highways, Sacramento, for about 1.5 miles grading, widening with Portland cement concrete and plant-mix surfacing between Philadelphia St. and Painter Ave., Los Angeles County. * 29

BIDS OPENED

SAN MATEO, Cal.—Pacific Truck Service, Inc., 646 Park Avenue, San Jose, at \$2,172.50, submitted low bid to the San Mateo City Council, Belmont Rhodes, City Clerk, City Hall, for the removing and reconstruction of 6-inch hydraulic cement concrete curbs and gutters, for the final preparation of the sub-grade and the construction of 1½-inch armor coat surface and bringing to proper grade any existing manholes, valves or gatebox frames on Ninth Avenue between El Camino Real and the NE line of B Street and on E St., Rosewood Drive, Laurel Ave. and Palm Ave. at the intersections thereof with Ninth Ave., San Mateo.

- Work involves:
 (1) 374 tons crushed rock;
 (2) 123 tons screening, coarse and fine;
 (3) 96 tons calrock;
 (4) 7,335 gals. emulsified asphalt;
 (5) 5½ cu. yds. concrete for curb and gutter.

- Total bids follow:
 (A) Pacific Truck Service, Inc. 646 Park Ave., San Jose—\$2,172.43.
 (B) Wm. O. Tyson, Redwood City—\$2,243.63.
 (C) L. C. Smith, San Mateo—\$2,455.59
 (D) Union Paving Co., S. F.—\$2,478.75.
 (E) Hayward Bldg. Materials Co., Hayward—\$2,901.93.
 (F) Lee J. Immel, Berkeley—\$2,957.75.
 (G) Chas. L. Harney, S. F.—\$3,423.81.
 (H) Palo Alto Road Materials Co., Palo Alto—\$3,644.15.

Unit prices follow:

(1)	(2)	(3)	(4)	(5)
(A) \$2.20	\$2.50	\$4.60	\$0.065	\$22.50
(B) 2.15	2.59	4.96	.08	16.00
(C) 2.38	2.54	5.25	.08	29.50
(D) 2.15	2.50	6.50	.09	15.00
(E) 3.25	3.60	6.25	.075	17.00
(F) 3.00	3.20	7.00	.09	20.00
(G) 3.05	5.72	6.95	.107	25.00
(H) 4.50	5.00	6.00	.09	20.00

Two low bids held under contract; all others rejected. * 29

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—M.J.B. Construction Co., 1845 Pacific Avenue, Stockton, at \$15,906.32 (Comb. Props. 1 and 2), or Spears Wells Machinery Co., 1832 W 9th St., Oakland, at \$2,975 (Prop. 1 only) submitted low bid to the Stockton City Council, City Clerk, City Hall, for the improvement of W. Fremont St. from El Dorado to Argonaut Street in Stockton. Work involves:

- PROPOSITION 1**
 (1) 17 days planing; 23,726 sq. yds. existing pavement; (A) rate per day; (B) total.

- PROPOSITION 2**
 (2) 139.37 sq. ft. gutter removed;
 (3) 438.33 sq. ft. exist. sidewalk removed;
 (4) 20 c.y. earth excavation;
 (5) 23 existing manholes and covers raised;
 (6) 18 new cast iron manhole covers;
 (7) 123.32 lf. new comb. concrete curb and gutter constructed;
 (8) 19 tons of asphalt concrete base pavement;
 (9) 16 tons liquid asph. paint coat;
 (10) 2676 tons asphalt covered leveling course and wearing surface course.

Total bids follow:
 (A) M.J.B. Const. Co., 1845 Pacific

SACRAMENTO CO.—REDECK BRIDGE—(State)

May 17, 1938.

BIDS OPENED

SACRAMENTO CO., Calif.—C. C. Gildersleeve, 150 S. Montgomery St., San Jose, at \$6,514.91, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for redecking bridge across Three Mile Slough, 7.4 mi. north of Contra Costa County Line, Sacramento County, Calif.

- Work involves:
 (1) one lot removing existing timber deck;
 (2) 24,000 lbs. bar reinf. steel;
 (3) 90 c.y. lightweight concrete;
 (4) 9,500 lbs. struc. steel;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$435.00	\$ 600.00	\$ 750.00	\$1000.00	\$ 500.00	\$1850.00	\$1040.00
(2).....	.05	.06	.06	.06	.06	.06	.06
(3).....	29.17	43.00	52.00	40.00	54.00	45.00	68.25
(4).....	.14	.14	.15	.11	.08	.20	.16
(5).....	150.00	110.00	975.00	1500.00	1023.00	208.00	723.00
(6).....	1.00	1.00	.60	1.00	2.75	.90	.60
(7).....	91.00	120.00	150.00	800.00	50.00	60.00	50.00

- Ave., Stockton; Prop. 1, \$2,992; Comb. Props. 1 and 2, \$15,906.32.
 (B) Spears Wells Machinery Co., 1832 W 9th St., Oakland; Prop. 1, \$2,975.
 (C) Heafey-Moore Co. Oakland; Prop. 1, \$3,145; Prop. 1 and 2, \$16,039.67
 (D) Stewart M. McGaw, Stockton; Prop. 1, \$3,145; Prop. 1 and 2, \$17,221.50.

Unit prices follow:

(A)	(B)	(C)	(D)	
(1a).....	\$176.00	\$175.00	\$185.00	\$185.00
(1b).....	2992.00	2975.00	3145.00	3145.00
(2).....	.30	.55	.60	.60
(3).....	.05	.05	.06	.06
(4).....	1.25	1.10	1.25	1.25
(5).....	12.00	10.00	5.00	5.00
(6).....	9.50	19.01	9.00	9.00
(7).....	1.00	1.50	1.25	1.25
(8).....	4.45	5.25	5.00	5.00
(9).....	26.00	30.00	30.00	30.00
(10).....	4.45	4.40	4.90	4.90

BIDS WANTED

SAN MATEO, Cal.—Until June 6, 8 p.m., bids will be received by the San Mateo City Council, Wm. D. Soule, City Manager, City Hall, for the widening of San Mateo Drive between 2nd and 3rd Avenues, San Mateo.

- Work involves:
 (1) 450 c.y. grading;
 (2) 4,450 sq. ft. concrete sidewalk;
 (3) 115 c.y. concrete curb and gutter;
 (4) 21 c.y. reinf. concrete;
 (5) 1240 sq. ft. pavement;
 (6) 175 lf. 1½-in. electrical conduit;
 (7) 50 tons asphaltic concrete pavement;
 (8) 200 lf. double conductor cable;
 (9) one electrolier.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 29

BIDS WANTED

BUTTE CO., Calif.—Until June 8, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a graded roadbed about 4.6 miles in length between 6 miles south and one mile south of Paradise, Butte Co., Calif.

- Work involves:
 (1) clear and grub right-of-way;
 (2) 250 M. gals. water;
 (3) 132,000 cu. roadway excavation, without classification;
 (4) 264,000 sta. yds. overhaul;
 (5) 246 sta. finish roadway.

Plans and specifications may be obtained from the above office. * 29

- (5) one lot raising existing steel stringers;
 (6) 670 lf. timber wheel guard;
 (7) one lot temporary guard rail.
 Total bids follow:
 (A) C. C. Gildersleeve, 150 S. Montgomery St., San Jose—\$6,514.91.
 (B) M. A. Jenkins, Sacramento—\$8,140.00.
 (C) Bundesen & Lauritzen, Pittsburg \$9,822.
 (D) J. S. Metzger & Son, Los Angeles—\$10,055.
 (E) Frank Legg, San Francisco—\$10,475.50.
 (F) F. Kaus, Stockton—\$11,038.
 (G) W. C. Tait—\$11,317.50.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$435.00	\$ 600.00	\$ 750.00	\$1000.00	\$ 500.00	\$1850.00
(2).....	.05	.06	.06	.06	.06	.06
(3).....	29.17	43.00	52.00	40.00	54.00	45.00
(4).....	.14	.14	.15	.11	.08	.20
(5).....	150.00	110.00	975.00	1500.00	1023.00	208.00
(6).....	1.00	1.00	.60	1.00	2.75	.90
(7).....	91.00	120.00	150.00	800.00	50.00	60.00

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento June 1. Following is a list of blue prints and prices:

- II-TI-35-B between 1 mile southwest of Hayfork and ½ mile east of Duncan Creek; PLANS (No. of Sheets) 9; (Cost) \$3.90; CROSS-SECTIONS (No. of Sheets) 34; (Cost) \$3.40; (Total) \$4.30.
 II-Plu-Feeder, bet. southerly boundary and Vinton; PLANS (No. of Sheets) 18; (Cost) \$1.80; CROSS-SECTIONS (No. of Sheets) 52; (Cost) \$5.20; (Total) \$7.00.
 X-Cal-24-B bridge across Haupt Creek and one across North Fork of Calaveras River; PLANS (No. of Sheets), 13; Cost, \$2.00; No Cross-Sections; (Total) \$2.00.

Requests for above plans, specifications and proposal forms must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. * 29

BIDS WANTED

SAN BERNARDINO, Calif.—Until June 6, 7:30 P. M., bids will be received by the San Bernardino City Council for improving "D" St. between 3rd and 5th Sts., involving:
 (1) 2366 ft. 16-in. concrete curb;
 (2) 16,833 sq. ft. 4-in. walk;
 (3) 17,322 sq. ft. 6-in. gutter;
 (4) 562 ft. 3-ft. span reinf. concrete culvert;
 (5) 120 ft. 3½-in. span do.

Contract previously awarded Oswald Bros. at \$16,670.45 was rescinded. Chas. L. Foulke, City Engineer. John H. Osborn, City Clerk. * 29

BIDS WANTED

LONG BEACH, Cal.—Until May 24 11 A. M., bids will be received by the Long Beach city council for improving the alley east of California Ave. between 10th and 11th Sts., and portions of other streets, 1911 Act, involving 5-inch cement concrete paving, grading, curbs, walks and incidental work. Plans and specifications may be obtained from the office of J. W. B. Blackman, city engineer-director of public service. Certified check or bond for 10% must accompany each proposal. * 29

BIDS WANTED

KLAMATH CO., Ore.—Until May 25, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for approximately 12,442 mi. constructing or improving the Crater Lake National Park, Rim Road and Cloud Cap Spur Project 7-B, 7-C and 9 Bituminous Paving, National Park Road Project, located within the Crater Lake National Park, Klamath Co., Oregon.

- Work involves:
- (1) All lump, extra and misc. force account work;
 - (2) 1,500 c.y. unclass. excav.;
 - (3) 12,552 ml. road reconditioning;
 - (4) 20,500 tons class F dense plant mixture;
 - (5) 1,500 tons Class F cover agg.;
 - (6) 970 tons SC-6 liq. asph., for Class F;
 - (7) 170 tons RC-2 cutback asphalt for Class F seal;
 - (8) 1,500 lin. ft. log curb, Type 4-A;
 - (9) 2,000 sq. yd. bituminous paved gutters;
 - (10) 1,000 cu. yd. salvaged surfacing. Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

MAY ASK ALLOTMENT

SAN FRANCISCO.—Directors of the Golden Gate Bridge and Highway District approved plans for a \$400,000 proposed extension of Bridge-way Blvd. in Sausalito across the waters of Shelter Cove to make a direct and easy-grade connection with the Sausalito lateral approach to the Golden Gate Bridge and referred the project to a committee to devise ways and means of financing. Plans for the highway extension were submitted by Russell Cone, Chief Engineer of the bridge. * 29

CONTRACT AWARDED

YERBA BUENA SHOALS, Cal.—Parish Brothers, 1222 Cower Street, Hollywood, at \$45,880 was awarded contract by the San Francisco Bay Exposition Company, 585 Bush St., San Francisco, under Contract No. 180, for construction of service roads Unit No. 2, Yerba Buena Shoals. * 29

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until May 24, 8:15 p.m. (date postponed from May 17), bids will be received by Alameda City Council, D. E. Dyer, City Clerk, City Hall, for the improvement of Broadway St. from Otis Drive to Encinal Avenue, Alameda. Work involves:

- (1) 120,438 sq. ft. grading;
- (2) 900 tons crusher run rock;
- (3) 2,900 tons asphaltic concrete, Type B;
- (4) 9,710 sq. ft. concrete gutter;
- (5) 525 sq. ft. concrete gutter bridge;
- (6) 4,084 lf. concrete curbing;
- (7) 1,650 sq. ft. 4-in. vit. driveway;
- (8) 20,170 sq. ft. 3-in. concrete sidewalk;
- (9) 270 lf. 3½x30-inch No. 8, galv. corrugated culvert;
- (10) 75 lf. 3½x24-inch No. 8, galv. corrug. culvert;
- (11) 2 standard catchbasins.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until June 6, 5:30 P. M., bids will be received by Huntington Park city council for improvement of Salt Lake Ave. between Florence Ave. and Otis St., a length of approximately 3814 lf.

The work involves:

- (1) 4,421 c.y. grading;
- (2) 142,000 sq. ft. grading rolled for

YAKIMA PROJECT—Earthwork-Canal Lining—(Govt.)

YAKIMA PROJECT, Wash.—Haas, Doughty and Jones and Marshall & Stacy, 1104 Merchants' Exchange Building, San Francisco, at \$140,293 submitted low bid to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 783, for the construction of earthwork, canal lining, and structures, Station 804 plus 74 to Station 924, Yakima Ridge Canal, Roza Division, Yakima Proj., Wash.

- Work involves:
- (1) 281,300 c.y. excav., common, for canal except bet. Sta. 881 and 905;
 - (2) 5,000 c.y. excav., rock for canal except between Sta. 881 and 905;
 - (3) 27,300 c.y. excavation, hauling, storing and spreading top soil from canal prism bet. Stations 881 and 905;
 - (4) 136,000 c.y. excavating, hauling and spreading common excavation from canal bet. Sta. 881 and 905;
 - (5) 100 c.y. excavating, hauling and spreading rock excavation from canal bet. Sta. 881 and 905;
 - (6) 37,700 c.y. excav. for core banks;
 - (7) 163,000 sta. c.y. overhaul except for materials bet. Sta. 881 and 905;
 - (8) 8250 c.y. excav., common for structures;
 - (9) 65 c.y. excav., rock, for do;
 - (10) 535 c.y. excav., common, for drainage channels and dikes;
 - (11) 15 c.y. excav., rock, for do;
 - (12) 1600 c.v. excav., common, for re-located road;
 - (13) 350 c.y. screened gravel road surfacing;
 - (14) 3000 c.y. compacting embankment;
 - (15) 1530 sq. yds. preparing the rock foundation for concrete lining;
 - (16) 11,000 sq. yds. trimming earth foundation for concrete lining;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$.10	\$.13	\$.115	\$.132	\$.14	\$.17	\$.16	\$.19
(2)	.10	.50	.40	.132	1.00	.80	1.00	1.00
(3)	.26	.25	.34	.32	.49	.35	.45	.30
(4)	.24	.23	.34	.28	.29	.25	.39	.30
(5)	.60	.85	.60	1.00	2.00	1.00	1.50	1.00
(6)	.12	.15	.12	.12	.15	.20	.18	.30
(7)	.02	.03	.02	.015	.02	.02	.03	.02
(8)	.40	.40	.40	.50	.50	.60	1.00	.50
(9)	.40	1.00	1.00	.50	2.00	1.50	1.00	2.00
(10)	.20	.40	.50	.20	.50	.30	.50	.30
(11)	1.00	1.00	1.00	2.0	2.00	1.00	1.00	1.00
(12)	.30	.20	.20	.25	.40	.25	.60	.30
(13)	2.50	1.50	2.00	2.00	3.00	2.00	2.50	3.00
(14)	.25	.20	.20	.30	.20	.05	.25	.25
(15)	.50	.60	.60	.50	1.00	.25	1.00	.50
(16)	.35	.30	.40	.50	.30	.22	.50	.50
(17)	.10	.15	.15	.10	.40	.25	.15	.20
(18)	2.00	1.00	1.50	1.50	1.25	3.00	1.25	3.00
(19)	.15	.15	.15	.30	.20	.15	.40	.30
(20)	.50	.40	1.00	.50	1.50	.10	.75	.50
(21)	15.00	14.00	16.00	18.00	15.00	16.00	24.00	20.00
(22)	8.50	6.00	8.00	10.00	7.00	12.50	9.50	16.00
(23)	6.00	6.00	8.00	9.00	7.00	18.00	10.00	10.00
(24)	.02	.015	.015	.02	.0125	.02	.015	.02
(25)	2.00	1.50	1.00	2.00	2.00	3.00	5.00	5.00
(26)	.02	.02	.02	.03	.025	.03	.02	.04
(27)	20.00	14.00	20.00	20.00	25.00	20.00	25.00	40.00
(28)	.10	.10	.15	.15	.10	.50	.60	.40
(29)	.50	.60	.50	.70	.50	.20	.60	.50
(30)	.50	.30	.40	.50	.15	.22	.40	.50
(31)	.50	.50	.40	.75	.40	.30	.50	.50
(32)	.50	.60	.40	1.00	.45	.35	.60	.60
(33)	.05	.05	.03	.05	.05	.10	.05	.10

- apphalt;
- (3) 126,468 sq. ft. asph. conc. base, (0.6 ft. asph. conc.), 0.43 ft. pave and level course; 0.17 ft. asph. conc. type B surf.; total 5963 tons);
 - (4) 3620 lf. heavy curb, one sq. ft. end area;
 - (5) 3,600 lf. portland cement concrete gutters, 1.8 sq. ft. end area
 - (6) 137,304 sq. ft. scarifying and pulverizing macadam pavement;

- (17) 16,000 c.y. placing earth lining of canal;
 - (18) 885 yd. gravel blanket on inside slope of canal embankment;
 - (19) 4460 c.y. backfill for struc.;
 - (20) 350 c.y. puddling or tamping the backfill about struc.;
 - (21) 1060 c.y. concrete in struc.;
 - (22) 1660 c.y. concrete in canal lining
 - (23) 190 c.y. concrete in road pavement;
 - (24) 275,000 lbs. placing reinf. bars;
 - (25) 150 sq. yds. dry rock paving;
 - (26) 235,600 lbs. erecting structural steel in bridges;
 - (27) 119 MF8M erecting timber in bridges;
 - (28) 8000 lf. removing existing pipe lines;
 - (29) 2775 lf. const. 6-in. dia. under-drains with uncemented joints;
 - (30) 1400 lf. laying 6-in. dia. sewer pipe with cemented joints;
 - (31) 320 lf. laying 8-in. dia. concrete pipe;
 - (32) 1200 lf. laying 12-in. dia. do;
 - (33) 7000 lbs. installing gates and misc. metalwork.
- Total bids follow:
- (A) Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Building, San Francisco, \$140,293.50.
 - (B) H. S. Adler Const. Co., Yakima, Wash., \$141,968.00.
 - (C) J. A. Terteling & Sons, Boise, Idaho, \$160,504.00.
 - (D) Barnard-Curtis Co., Minneapolis, Minn., \$166,935.10.
 - (E) Florito Bros., Inc., Seattle, Wash \$171,797.75.
 - (F) C. L. Creelman, Seattle, \$185,537.50.
 - (G) Matt McDougall Co. and Mark C. Walker & Sons Co., Portland, \$214,881.25.
 - (H) L. Romano Engr. Corp., Seattle, \$222,182.00.
- Unit bids follow:

- biade to side of road, excav., grading special pulverized material to new grade (864 c.y.);
- (7) 3728 lf. removing present curb from west side of street (138 c.y.)
- (8) storm drain extension in accordance with Section 54, Standard Spec.; reinf. conc. culvert; plain concrete pipe; 2-ft. manholes; raise 9 manhole rings and covers to new grade. * 29

BIDS WANTED

HILLSBOROUGH, San Mateo Co., Cal.—Until May 23, 5 p.m., bids will be received by the Hillsborough Town Council, Earle Wilsey, City Manager, City Hall, for the construction of streets in Hillsborough Park No. 2, involving about 20,000 feet of roadwork including roads and sewers. Est. cost, \$90,000.

Work involves:

- (1) 5,300 c.y. grading;
- (2) 2,000 c.y. stabilized rock base pavement;
- (3) 385,000 sq. ft. scarifying and reshaping;
- (4) 5,700 tons 2½-in. asphalt wearing surface;
- (5) 45,000 sq. ft. 4-inch stabilized asphalt wearing surface;
- (6) 20,600 lin. ft. concrete gutter;
- (7) 22,800 lin. ft. 2 by 6 redwood boards;
- (8) 28 catch basins;
- (9) 4 gutter outlets;
- (10) 750 lf. 12-in. concrete pipe;
- (11) 52 manholes;
- (12) 740 lf. 8-in. cast-iron sewer pipe;
- (13) 1500 lf. 8-in. vit. sewer pipe;
- (14) 7900 lf. 6-in. vit. sewer pipe;
- (15) 500 lf. 4-in. laterals;
- (16) 100 feet 6 by 4 Y branches;
- (17) 1,000 lf. removing and resetting guard rail.

Plans and specifications may be obtained from the above office upon deposit of \$15. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

CLACKAMAS CO., Ore.—Until May 27, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 623 Pittcock Block, Portland, under Bid No. 698-38-567, for construction of approximately 3-100 feet of rock riprap revetment in Barton District Improvement Company; 1,150 feet of rock riprap revetment in Paradise Park District Improvement Company; and for bank clearing, bank sloping, gravel excavation and gravel filling along the Clackamas River 12 and 20 miles above the mouth of the river in Clackamas County, Ore.

Work involves:

- Sec. A—Barton Dist. Imp. Co.**
- (1) 1.1 acres bank clearing;
 - (2) 300 c.y. bank sloping;
 - (3) 4,500 c.y. gravel excavation;
 - (4) 2,200 c.y. gravel fill;
 - (5) 6,200 c.y. riprap rock, in place.
- Sec. B—Paradise Park Dist. Imp. Co.**
- (6) 1.0 acre bank clearing;
 - (7) 100 c.y. bank sloping;
 - (8) 1,500 c.y. gravel excavation;
 - (9) 1,100 c.y. gravel fill;
 - (10) 2,200 c.y. rock riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$500. * 30

CONTRACTS AWARDED

MARION CO., Oregon—Jacobsen-Jensen, 517 Ne Stanton, Portland, at \$121,270 (Sec. A) and Parker-Schram Co., Couch Bldg., Portland, at \$135,900 (Sec. B) were awarded contract by the U. S. Engineer Office, District Engineer, 623 Pittcock Block, Portland, under Bid No. 698-38-479, for (1) the construction of approximately 5500 ft. of rock riprap revetment in Weston Bend in Horseshoe Lake Dist. Imp. Co., and (2) 6200 ft. of rock riprap revetment at Ditmars Bend in Ditmars Bend Dist. Imp. Co., Marion County, Ore.

CONTRACT AWARDED

POLK CO., Ore.—Edliefsen-Weygandt Co., 9233 N. Peninsular, Portland, at \$43,710, awarded contract by the U. S. Engineer Office, District Engineer, 623 Pittcock Block, Port-

SAN JOAQUIN CO.—Construct Bridge—(State)

SAN JOAQUIN CO., Calif.—Nelson & Wallace, 2nd and Coley Sts., Escalon, at \$9,057.20 (Alt. "A"), submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for the construction of a reinforced concrete slab bridge, consisting of four 20-ft. 9-in. spans and two 15-ft. 6-in. spans on concrete pile bents, across Littlejohns Creek, about 0.4 mile east of Farmington, San Joaquin County.

Work involves:

- (1) one lot removing bridge;
 - (2) 4 c.y. removing concrete;
 - (3) 32,000 lbs. bar reinf. steel;
 - (4) 175 c.y. Class A Portland cement concrete;
 - (5) 310 lf. timber railing;
 - (6) 8 each, bridge deck drains;
 - (7) 1 lot misc. items of work;
- ALTERNATIVE "A":**
- (8) 525 lf. furnishing precast concrete piles;
 - (9) 15 each, driving do;

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$375.00	\$200.00	\$450.00	\$250.00	\$200.00	\$800.00
(2).....	5.00	12.00	5.00	5.00	15.00	20.00
(3).....	.055	.06	.06	.055	.055	.06
(4).....	19.50	20.00	22.00	21.00	21.00	24.00
(5).....	1.90	2.50	1.20	1.75	2.90	2.00
(6).....	12.00	18.00	10.00	10.00	10.00	5.00
(7).....	400.00	375.00	350.00	275.00	400.00	450.00
(8).....	2.90	.....	.....	2.50	2.75	2.80
(9).....	59.50	.....	.....	115.00	110.00	100.00
(10).....	3.20	3.00	3.12	3.50	.....	2.50
(11).....	55.00	56.00	60.00	75.00	.....	90.00
(12).....	.....	.....	.....	.....	.....	.....
(13).....	.....	.....	.....	.....	.....	.....

ALTERNATIVE "B":

- (10) 525 lf. furnishing cast-in-place concrete piles (type not requiring mandrel);
 - (11) 15 each, driving steel sheels (do)
- ALTERNATIVE "C":**
- (12) 525 lf. furnishing cast-in-place concrete pile (mandrel type);
 - (13) 15 ea., driving steel shells (do).

Total bids follow:

- (A) Nelson & Wallace, 2nd and Coley Sts., Escalon, (Alt. A) \$9,057.20; (Alt. B), \$9,157.50.
- (B) F. Kaus, Stockton, Alt. B, \$9,377.
- (C) Claude C. Wood, Stockton, Alt. B, \$9,580.
- (D) Franzini & Fredenburg, San Rafael, Alt. A, \$9,640; Alt. B, \$9,565.
- (E) Frank Legg, San Francisco, Alt. A, \$10,167.75.
- (F) J. S. Metzger & Son, Los Angeles, Alt. A, \$11,080; Alt. B, \$10,772.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$375.00	\$200.00	\$450.00	\$250.00	\$200.00	\$800.00
(2).....	5.00	12.00	5.00	5.00	15.00	20.00
(3).....	.055	.06	.06	.055	.055	.06
(4).....	19.50	20.00	22.00	21.00	21.00	24.00
(5).....	1.90	2.50	1.20	1.75	2.90	2.00
(6).....	12.00	18.00	10.00	10.00	10.00	5.00
(7).....	400.00	375.00	350.00	275.00	400.00	450.00
(8).....	2.90	.....	.....	2.50	2.75	2.80
(9).....	59.50	.....	.....	115.00	110.00	100.00
(10).....	3.20	3.00	3.12	3.50	.....	2.50
(11).....	55.00	56.00	60.00	75.00	.....	90.00
(12).....	.....	.....	.....	.....	.....	.....
(13).....	.....	.....	.....	.....	.....	.....

SAN FRANCISCO—Concrete Wall & Catchbasin, Presidio—(Govt.)

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$2,973.00 submitted low bid to the Constructing Quartermaster, Col. H. E. Pitz, Q.M.C., Fort Mason, under Bid No. W 6616-38-19, for constructing a concrete wall and installing three catchbasins at the San Francisco National Cemetery, Presidio of San Francisco.

Work involves:

- (1) Construct and complete a concrete wall and 3 catchbasins at the S. F. National Cemetery;
- (2) Construct project complete, except that U. S. will furnish all cement, delivered in carload lots on Presidio R. R. spur, contractor to unload;
- (3) Unit prices:
 - (a) concrete, including forms, per cu. yd.;
 - (b) concrete, including forms, with U. S. furnishing cement, per cu. yd.;
 - (c) reinforcing steel, per ton;
 - (d) excavation, per cu. yd.;

- (e) 8-inch drain pipe, per lf.;
- (f) catchbasins, including forms & gratings, each.

Total bids follow:

- (A) E. J. Treacy, 430 Call Bldg., San Francisco, \$2,973.00.
- (B) Love & Haun, S. F., \$3,302.00.
- (C) Eaton & Smith, S. F., \$3,400.00.
- (D) Albert E. Mangs & Associates, San Francisco, \$3,468.00.
- (E) S. H. Van Gelder, \$3,705.00.
- (F) Adam Arras & Son, S. F., \$3,748.
- (G) Frank J. Reilly Co., S. F., \$3,941.
- (H) W. J. Tobin, Oakland, \$3,965.00.
- (I) M. J. Lynch, S. F., \$4,128.00.
- (J) Moore & Roberts, S. F., \$4,175.00.
- (K) Chas. L. Harney, S. F., \$4,200.00.
- (L) Peter Sartorio, S. F., \$4,212.00.
- (M) Sibley Grading & Teaming Co., Ltd., S. F., \$4,500.00.
- (N) C. C. W. & H. H. Haun, S. F., \$4,500.00.
- (O) DeLuca & Son, Inc., S. F., \$4,767.
- (P) Grant-Martinelli Const. Co., S. F., \$4,790.00.
- (Q) G. M. Best, Oakland, \$4,900.00.
- (R) P. L. Cur, S. F., \$5,190.00.

Unit prices follow:

	(1)	(2)	(3a)	(3b)	(3c)	(3d)	(3e)	(3f)
(A).....	\$2,973.00	\$2,657.00	\$200.00	\$17.00	\$100.00	\$.60	\$.80	\$25.00
(B).....	3,302.00	.....	19.50	.....	105.00	1.00	1.00	40.00
(C).....	3,400.00	3,050.00	23.60	20.00	100.00	1.00	1.00	60.00
(D).....	3,468.00	3,149.00	10.00	16.25	97.18	1.87	.74	45.20
(E).....	3,705.00	3,395.00	20.00	17.40	120.00	1.50	1.50	45.00
(F).....	3,748.00	3,518.00	25.00	23.00	120.00	2.00	1.25	40.00
(G).....	3,941.00	.....	20.00	.....	100.00	1.00	.60	60.00
(H).....	3,965.00	3,635.00	20.00	17.00	120.00	1.00	.80	35.00
(I).....	4,128.00	3,789.00	33.00	30.00	100.00	1.00	1.00	40.00
(J).....	4,175.00	3,825.00	20.30	17.00	100.00	1.00	.60	50.00
(K).....	4,200.00	4,039.00	25.00	21.50	102.00	1.60	1.50	108.00
(L).....	4,212.00	.....	21.00	.....	108.00	1.50	.48	36.00
(M).....	4,500.00	4,500.00	9.00	9.00	100.00	.50	.50	20.00
(N).....	4,500.00	4,346.00	31.00	29.60	100.00	1.50	1.00	35.00
(O).....	4,767.00	.....	24.00	.....	108.00	3.00	.60	100.00
(P).....	4,780.00	4,553.00	27.00	25.00	104.00	1.50	1.40	55.00
(Q).....	4,900.00	.....	37.50	.....	107.00	3.00	1.10	41.50
(R).....	5,190.00	.....	27.00	.....	120.00	1.75	1.25	75.00

land, under Bid No. 698-38-477, for bank clearing, bank sloping, gravel filling and gravel excavation in connection therewith and the construction of approximately 2900 feet of rock riprap revetment located in the Eola Bend District Improvement Co., Polk County. * 30

FLOOD CONTROL

FRESNO, Cal.—Geo. L. Swendsen, 1220 E. Broadway, Long Beach, former chief engineer of the Fresno Irrigation District, is sponsoring a \$200,000 flood control project for the Fresno-Clovis Flood Control Committee, and which is designed to protect Clovis, Fresno, Fig Garden, and intervening areas from storm waters of the lower foothills. His proposals provide for a \$95,600 reservoir at Behymer Lake; a \$51,200 reservoir on Redbanks Creek; improvement of the channel of Dry Creek; and the construction of a series of check dams. * 30

NOTICE

CENTRAL VALLEY PROJECT.—The U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, has sent out the following addendum, under Spec. No. 780, for construction of the Shasta Dam and Power Plant, Keeneet Division, Central Valley Project, for which bids will be opened June 1, 10:00 A. M.

1. The following sentence is hereby added under "Note" shown on Drawing No. 214-D-771, and also under "Note" shown on Drawing No. 214-D-772:

"Pipe sections for field installation will be approximately 20 feet long unless otherwise shown."

2. Bids submitted must be in accordance with the notice which shall accompany the bid. * 30

31—PIPE LINES & WELLS

BIDS WANTED

SAN FRANCISCO.—Until May 25, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under W. D. Spec. No. 176, for the laying of 6-inch cast iron mains in Girard, Mansell and Arlington Streets.

Work involves:

- (1) 1250 lf. excavation and backfill for trench 17x36-in.;
 - (2) 20 c.y. additional excavation and backfill;
 - (3) 100 sq. ft. additional pavement removal and replacement;
 - (4) 1350 lf. installing 6-in. bell and spigot pipe;
 - (5) 1800 lbs. installing fittings;
 - (6) 163 lf. making joints;
 - (7) 900 sq. ft. replacement;
 - (8) 12 3/4-in. screw taps installed;
 - (9) 100 lf. install 3/4-in. copper service pipe;
 - (10) 1350 lf. furnish bell and spigot pipe at \$0.65 per lf.;
 - (11) 3 6-in. bell and gate valves furnished at \$16.80;
 - (12) 900 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
 - (13) 400 lbs. furnish steel band and bolts at \$0.05 per lb.;
 - (14) 100 lf. furnish 3/4-in. copper service pipe at \$0.17 per ft.;
 - (15) lump sum, furnishing 3/4-in. bronze fittings at \$20.40.
 - (16) lump sum, engineering, inspection, etc., at \$307.
 - (17) lump sum, connections at \$229.
- Plans and specifications may be obtained from the 6th floor of the Water Dept. Bldg., 425 Mason St., San Francisco, upon deposit of \$5.00.

31

BIDS WANTED

SAN FRANCISCO.—Until June 1, 3 p.m., bids will be received by the Public Utilities Commission, Room

MENDOCINO CO.—BRIDGE CONSTR.—(State)

MENDOCINO CO., Cal.—Claude C. Wood, P.O. Box 1714, Stockton, at \$22,790.50, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a bridge across Bridges Creek about 21 miles south of Garberville, consisting of one 38-foot steel beam span, four 19-ft. and one 15-ft. timber spans, all on concrete footings and timber bents; and two 19-ft. timber sidewalk spans on concrete footings to be constructed; and grading and surfacing with screened gravel surfacing of approaches in Mendocino County.

The work involves:

- (1) 1 lot clear and grub;
- (2) 1,250 c.y. roadway excav., without class;
- (3) 500 c.y. import borrow;
- (4) 3 sta. finish roadway;
- (5) 80 c.y. screened gravel surf.;
- (6) 500 c.y. struc. excav.;
- (7) 300 c.y. stripping;
- (8) 20,000 lbs. bar reinf. steel;
- (9) 16 c.y. class A Portland cement concrete pavement;
- (10) 220 c.y. class A Portland cement concrete structures;
- (11) 21,000 lbs. struc. steel;
- (12) 36 MFMB Douglas fir timber;
- (13) 30 MFMB Redwood timber,

dense, select, all-heart struc. grade;

- (14) 26 MFMB Redwood timber, select, all-heart struc. grade;
- (15) 5 each, spillway assemblies;
- (16) 100 lf. 8-in. CMP;
- (17) 1 lot temporary barricades;
- (18) 1 lot jacking deck struc. into position;
- (19) 1 only, exist. bridge to be removed and disposed of;
- (20) 1 lot dismantling and removing temporary structures;
- (21) 1 lot misc. items of work.

Total bids follow:

- (A) Claude C. Wood, P.O. Box 1714, Stockton—\$22,790.50.
- (B) F. J. Maurer & Son, Inc., Eureka—\$24,818.50.
- (C) Albert H. Siemer and John Carcano, San Anselmo—\$25,522.
- (D) C. W. Caletti & Co., San Rafael—\$26,165.
- (E) Valley Constr. Co., San Jose—\$27,798.
- (F) J. M. Walker, Berkeley—\$28,740.
- (G) A. Soda & Son, Oakland—\$32,125.00.
- (H) R. G. Clifford, San Francisco—\$34,570.
- (I) Underground Constr. Co., Oakland—\$38,160.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$240.00	\$350.00	\$500.00	\$250.00	\$500.00	\$450.00	\$750.00	\$350.00	\$1000.00
(2).....	75	55	1.00	.90	.90	.90	1.50	2.80	2.00
(3).....	1.00	1.00	1.50	1.00	1.00	1.70	1.50	2.00	4.00
(4).....	15.00	10.00	15.00	10.00	15.00	10.00	15.00	20.00	40.00
(5).....	2.70	3.50	4.00	5.00	4.00	5.25	6.00	7.00	12.00
(6).....	2.20	2.00	2.50	2.00	2.00	4.80	2.50	4.00	4.00
(7).....	1.00	2.00	.75	1.00	1.50	1.40	1.25	2.00	2.00
(8).....	.06	.06	.065	.07	.07	.08	.06	.06	.07
(9).....	16.00	18.00	22.00	25.00	18.00	20.00	20.00	25.00	30.00
(10).....	24.00	25.00	22.00	25.00	29.00	25.00	29.00	33.00	32.00
(11).....	.10	.08	.10	.09	.12	.105	.09	.09	.09
(12).....	78.00	78.00	80.00	100.00	100.00	100.00	100.00	100.00	150.00
(13).....	95.00	123.00	110.00	110.00	120.00	140.00	120.00	165.00	170.00
(14).....	98.00	120.00	110.00	120.00	120.00	130.00	150.00	160.00	170.00
(15).....	16.00	20.00	25.00	20.00	20.00	20.00	35.00	20.00	40.00
(16).....	1.40	1.00	1.25	1.00	1.50	1.40	2.00	1.40	2.00
(17).....	200.00	200.00	300.00	150.00	250.00	400.00	500.00	300.00	500.00
(18).....	800.00	1000.00	1500.00	1000.00	1100.00	450.00	1380.00	1000.00	500.00
(19).....	400.00	450.00	500.00	1000.00	500.00	250.00	980.00	500.00	550.00
(20).....	400.00	500.00	500.00	500.00	350.00	425.00	1275.00	500.00	300.00
(21).....	300.00	735.00	500.00	500.00	500.00	475.00	1200.00	500.00	1000.00

STANISLAUS CO.—Grading, Paving and Bridge Constr.—(State)

STANISLAUS COUNTY, Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at \$194,191.35 (Alt. "A") submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 5.5 miles grading and paving with Portland cement concrete and asphalt concrete, and constructing reinforced concrete bridges between Modesto and Salida in Stanislaus County.

The work involves:

- (1) 304 sta. clear and grub;
- (2) 1,582 M. gals. water;
- (3) 10,000 c.y. rdwy. excav., unclass
- (4) 1,445 c.y. struc. excav.;
- (5) 1,070 c.y. ditch and channel excavation;
- (6) 1,130 sta. yds. overhaul;
- (7) 35,000 c.y. importe borrow;
- (8) 55 c.y. remove existing concrete
- (9) 76,800 sq. yds. prepare subgrade;
- (10) 304 sta. finish rdwy.;
- (11) 8,060 tons of untreated crushed gravel or stone surf.;
- (12) 11 tons liquid asph., MC-2 prime coat;
- (13) 55 tons liquid asph. MC-5 or MC-
- (14) 1,150 tons min. agg. plant mix surf.;
- (15) 9 tons asph. emulsion seal coat and paint binder;
- (16) 76 tons screenings seal coat;
- (17) 86 tons liquid asph. SC-2 penetration oil treatment;
- (18) 135 tons asph. cement asph. concrete;
- (19) 2,665 tons min. agg. asph. conc. extra heavy plant mix surf.;
- (20) 254 c.y. Class A Portland cement conc. struc.;
- (21) 13,150 c.y. Class B Portland cement conc. pave.;
- (22) 26,295 each pavement dowels;
- (23) 6,940 each tie bolt assemblies;
- (24) 117,700 lbs. bar reinf. steel pave and struc.;
- (25) 10 c.y. riprap;
- (26) 21 lf. 8-in. plain conc. pipe;
- (27) 475 lf. 24-in. plain conc. pipe;
- (28) 40 lf. 8-in. CMP;
- (29) 38 lf. 15-in. CMP;
- (30) 6 lf. 18-in. CMP;
- (31) 108 lf. 24-in. CMP;
- (32) 110 lf. 36-in. CMP siphons;
- (33) 198 lf. 42-in. CMP siphons;
- (34) 1 each 30-in. concrete joint pipe siphons;

- (35) 3 each 36-in. concrete joint pipe siphons;
- (36) 8 each 42-in. concrete joint pipe siphons;
- (37) 84 lf. existing pipe culverts removed, cleaned and salvages;
- (38) 25 lf. existing CMP culverts removed, cleaned and relaid;
- (39) 4 each cast steel frames and covers for drop inlets;
- (40) 390 lf. timber hand railing;
- (41) 4,700 lf. laminated guard railing;
- (42) 34 each culvert markers and guide posts;
- (43) 20 miles new property fences,
- (44) 10 each drive gates;
- (45) 3 each walk gates;
- (46) 8 sections single lane pavement crossing devices type A-12;
- (47) 12 do, type B-12;
- (48) 74 each monuments.

NOTE: A bidder is required to submit a bid on one Alternative and may, but is not required, to submit bids on all the alternatives.

The contract will be awarded to the lowest responsible bidder for the work as a whole irrespective of the alternative on which his bid is based.

Total bids follow:

- (A) Fredericksen & Westbrook, P. O. Box 138, Lower Lake, sub-total, \$189,051.35; (A) \$194,191.35.
- (B) Louis Biasotti & Son, Stockton, sub-total, \$189,457.15; (A) \$195,422.15; (B) \$195,398.15.
- (C) Union Paving Co., San Francisco, sub-total, \$192,593.90; (A) \$197,313.90.
- (D) Macco Construction Co., Clearwater, sub-total, \$196,197.30; (C) \$3,648; grand total, \$199,839.30.
- (E) Griffith Co., Los Angeles, sub-total, \$206,720.55; (A) \$211,232.55.
- (F) Hanrahan Co., San Francisco, sub-total, \$208,911.70; (A) \$211,951.70; (B) \$214,919.70; (C) \$214,191.70.
- (G) United Concrete Pipe Corp., Los Angeles, sub-total, \$213,750.60; (A) \$218,470.60.
- (H) Chas. L. Harney, San Francisco, sub-total, \$214,423.40; (A) \$6,272, grand total, \$220,695.40.
- (I) A. Teichert & Son, Inc., Sacramento, sub-total, \$235,640.45; (A) \$241,880.45; (B) \$240,800.45; (C) \$240,464.45.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
1).....	\$25.00	\$10.00	\$ 7.00	\$10.00	\$10.00	\$10.00	\$15.00	\$10.00	\$10.00
2).....	.70	1.00	.70	1.00	5.00	1.00	1.00	1.00	1.00
3).....	.39	.30	.25	.35	.20	.20	.30	.25	.44
4).....	1.00	.75	1.00	1.25	1.20	1.00	1.00	.90	1.00
5).....	1.00	.50	.70	.20	.60	.75	.40	.45	.60
6).....	.06	.02	.02	.05	.06	.01	.02	.02	.02
7).....	.31	.37	.35	.50	.50	.38	.55	.51	.35
8).....	7.50	3.00	4.00	2.00	5.00	5.00	4.00	4.00	5.00
9).....	.05	.08	.07	.06	.08	.05	.09	.073	.09
10).....	8.00	4.00	4.00	15.00	3.00	6.00	8.00	6.50	6.00
11).....	1.25	1.90	1.50	2.00	2.00	2.40	2.20	1.85	2.30
12).....	15.80	20.00	16.00	16.00	16.00	14.00	20.00	20.00	30.00
13).....	14.70	15.00	14.00	15.00	14.00	12.00	15.00	14.00	15.00
14).....	2.75	2.85	3.30	3.50	3.00	3.65	4.00	4.25	4.00
15).....	28.00	22.00	30.00	16.00	17.00	20.00	30.00	25.00	30.00
16).....	2.50	3.50	3.00	3.00	3.20	2.50	3.00	2.90	4.60
17).....	12.00	12.25	12.00	15.00	13.00	12.00	15.00	14.50	15.00
18).....	14.00	14.00	11.00	14.50	13.30	12.00	14.00	14.50	15.00
19).....	4.80	4.45	3.50	5.00	3.00	3.50	5.00	5.60	7.00
20).....	23.00	22.00	19.00	23.00	25.50	20.00	20.00	19.00	30.00
21).....	7.25	7.20	8.00	6.70	8.40	8.70	7.84	8.25	8.00
22).....	.18	.15	.14	.15	.13	.20	.12	.17	.12
23).....	.38	.37	.40	.60	.60	.40	.50	.52	.50
24).....	.055	.055	.05	.062	.056	.05	.06	.055	.055
25).....	6.00	5.00	5.00	10.00	4.00	6.00	5.00	10.00	5.00
26).....	1.15	.90	1.00	.30	.50	.50	.60	.50	1.00
27).....	2.90	2.00	2.00	1.50	1.70	1.30	2.00	1.85	2.65
28).....	1.00	1.25	1.25	1.00	1.20	1.00	1.30	.90	1.10
29).....	1.50	1.75	2.00	1.60	1.70	1.50	1.60	1.50	2.00
30).....	3.00	2.25	2.50	2.50	2.50	2.00	1.90	3.00	3.00
31).....	2.75	2.60	3.00	3.00	3.00	2.75	2.70	2.50	3.50
32).....	6.25	6.00	6.50	7.00	6.60	6.00	6.50	7.00	7.25
33).....	7.40	6.25	7.00	8.50	7.75	7.00	9.00	8.40	8.50
34).....	20.00	18.00	15.00	15.00	15.00	12.00	15.00	20.00	17.50
35).....	20.00	20.00	20.00	20.00	20.00	13.00	20.00	24.00	20.00
36).....	20.00	26.00	25.00	25.00	22.00	15.00	26.00	27.00	25.00
37).....	1.00	.60	1.00	.75	.70	.60	1.00	.60	1.00
38).....	1.90	1.25	1.00	1.60	.90	1.00	1.00	.90	1.00
39).....	50.00	50.00	50.00	50.00	50.00	50.00	20.00	50.00	50.00
40).....	1.50	2.00	1.75	1.50	1.60	1.50	2.00	2.80	2.00
41).....	1.00	1.30	1.00	2.00	.95	1.00	1.00	1.15	1.25
42).....	2.15	2.50	2.00	2.50	2.50	2.00	2.00	2.00	3.00
43).....	375.00	500.00	450.00	600.00	500.00	450.00	600.00	550.00	600.00
44).....	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	22.50
45).....	15.00	10.00	10.00	12.00	6.00	10.00	10.00	9.00	10.00
46).....	40.00	30.00	40.00	40.00	55.00	25.00	50.00	50.00	50.00
47).....	20.00	35.00	25.00	40.00	45.00	20.00	60.00	50.00	40.00
48).....	2.00	3.00	2.00	3.00	3.00	2.50	3.00	2.50	3.00

ALTERNATIVE "A"

49).....	.50	2.50	2.50	.....	2.60	2.00	2.50	2.40	2.04
50).....	140.00	100.00	60.00	.....	50.00	25.00	60.00	112.00	125.00

ALTERNATIVE "B"

51).....	.....	3.05	.....	.....	.....	3.00	.....	.....	1.75
52).....	.....	80.00	.....	.....	.....	60.00	.....	.....	100.00

ALTERNATIVE "C"

53).....	.....	.....	1.40	.....	.....	3.00	.....	.....	1.45
54).....	.....	.....	50.00	.....	.....	50.00	.....	.....	100.00

287, City Hall, under Spec. W.D. 177, for laying 4-in., 6-in., and 8-in. cast iron mains in Section 1 of Lakeside Subdivision No. 2.

Work involves:

- (1) 2,150 lf. excav. and backfill for 4-in., 6-in., and 8-in. pipe, trench 17 inches wide by 36 inches deep;
 - (2) 10 c.y. additional excav. and backfill;
 - (3) No Item 3;
 - (4) Installing pipe:
 - (a) 380 lf. 4-in. bell and spigot cast iron pipe;
 - (b) 860 lf. 6-in. bell and spigot cast iron pipe;
 - (c) 910 lf. 8-in. bell and spigot cast iron pipe;
 - (5) 5,500 lbs. fittings, gate valves, etc., installed;
 - (6) 360 lf. bell and spigot joints for pipe and fittings;
 - (7) 540 sq. ft. repavement;
 - (8) 36 $\frac{3}{4}$ -in. screw taps installed;
 - (9) 810 lf. $\frac{3}{4}$ -in. copper service pipe installed;
 - (10) furnishing cast iron bell and spigot pipe, Class 150:
 - (a) 380 lf. 4-in. pipe at \$0.48 per lin. ft.;
 - (b) 860 lf. 6-in. pipe at \$1.00 per lin. ft.;
 - (c) 910 lf. 8-in. pipe at \$0.65 per lin. ft.;
 - (11) furnishing bell and gate valves:
 - (a) Four 4-in. valves at \$12 ea.;
 - (b) Two 6-in. valves at \$16.80 each;
 - (c) Two 8-in. valves at \$20.50 each;
 - (12) furnishing 3400 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
 - (13) furnishing 800 lbs. steel band and bolts at \$0.05 per lb.;
 - (14) furnishing 810 lf. $\frac{3}{4}$ -in. copper service pipe at \$0.17 per lin. ft.;
 - (15) furnishing $\frac{3}{4}$ -in. bronze fittings for services, lump sum, \$55.00;
 - (16) engineering, supervision and inspection, lump sum, \$390.00;
 - (17) Connections, lump sum, \$232.00.
- Items 10 to 17, inclusive: Materials furnished and priced by City. Plans and specifications may be obtained from the Cashier's office, 6th floor, San Francisco Water Department Bldg., 425 Mason Street, San Francisco, upon deposit of \$5.00.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Calif.—Until June 1, 10 A. M., bids will be received by Los Angeles board of public works for construction of sanitary sewer in 21st St. bet. Meyler and Alma Sts., under 1911 Ast. The work involves: 222 lf. 8-in. standard strength vit. clay sewer pipe;

205 lf. 8-in. extra strength do; 105 lf. house connection sewers; 1408 sq. ft. Class A resurf.; 82 sq. ft. Class D resurf. Est. cost, \$1400.

LOW BIDDER

YERBA BUENA SHOALS, Cal.—Peerless Welding Co., 265 Tenth St., San Francisco, at \$7,977, submitted low bid to the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 148, for construction of outfall sewers.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until May 31, 2 p.m. (time extended from May 23), bids will be received by the State Division of Highway, S. V. Cortelyou, District Engineer, District VII, 808 State Bldg., Los Angeles, for constructing sewers be-

tween Arroyo Drive and Meridlan Ave., in South Pasadena.

Work involves:

- (1) 2500 c.y. struc. excav.;
- (2) 6 each, manholes, type A;
- (3) 3 each, manholes, type B;
- (4) 1 each, manhole, type C;
- (5) 2 each, junction chambers;
- (6) 1 each, drop manhole;
- (7) 1 each, flush tank;
- (8) 6 each, reconstructing existing manholes;
- (9) 1 each, adjust existing manhole to grade;
- (10) 40 l.f. 6-in. vit. clay pipe;
- (11) 1070 l.f. 8-in. do.;
- (12) 780 l.f. 10-in. do.;
- (13) 60 l.f. 12-in. do.;
- (14) 200 l.f. 24-in. cast iron pipe.

Plans and specifications may be obtained from the above office. * 32

CONTRACT AWARDED

VENTURA, Cal.—C. F. Robbins, 5572 Alhambra Ave., Los Angeles, at \$33,260 was awarded contract by the Ventura City Council for construction of ocean outfall sewer. * 32

YERBA BUENA SHOALS, Cal.—

Peerless Welding Co., 265 Tenth St., San Francisco, at \$7,977 was awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 148, for construction of outfall sewers. * 32

33— WATER WORKS

CONTRACT AWARDED

COALINGA, Fresno Co., Calif.—California Filter Co., 981 Folsom St., San Francisco, at \$985, submitted low bid and was awarded contract by the Coalinga City Council, Ethel K. McCroskey, City Clerk, Coalinga,

for the furnishing of a desilter or sand trap which shall consist of a self-contained metal housing equipped with a sand blow-off and a desilting trap or sand removal unit.

Waterworks Supply Co., San Francisco, submitted only other bid. * 33

34— PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

SOUTH GATE, Los Angeles Co., Calif.—Peterson Bros., Inglewood, at \$1,081 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. P. O. at South Gate. (3092) 1st rep. April 5; 2nd, May 2, 1938. * 34

BIDS WANTED

SAN MATEO, Cal.—Until June 6, 8 p.m., bids will be received by the San Mateo City Council, Wm. D. Soule, City Manager, City Hall, for resurfacing three tennis courts; two in the San Mateo City Park and one at the East Side Park, San Mateo. Plans and specifications will be available at the above office the latter part of the week. * 34

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Wickwire Spencer Steel Co., 101 Townsend St., San Francisco, at \$947 submitted low bid and was awarded contract by the Alameda City Council, D. W. Dyer, City Clerk, City Hall, for the construction of a galvanized chain link fence at McKinley Park, Alameda. Complete bids follow: Wickwire Spencer Steel Co., 111 Townsend St., S. F. \$947.00 Standard Fence Co., Oakland 1,058.70

Calif. Wire Cloth Co., Oakland 1,059.00
Anchor Post Fence Co., Oakland 1,256.00
..... 34

SAN FRANCISCO CO. PERMITS UNDER \$1000

- ALTER store, \$300; 1049 Market St.; owner, Sterling Furniture Co., premises; contractor, Geo. Wagner, 181 South Park.
- ALTER dwelling, \$300; 319 16th Ave.; owner, Dr. S. H. Gidall, prem.; contractor, Berg Bros., 854 35th Avenue.
- SIGN, electric, \$350; 1257 Taylor St.; owner, Marion's Fountain, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER factory, \$385; 444 Golden Gate Ave.; owner, Hock Estate Co., Monadnock Bldg.; contractor, De Luca & Son, 1745 Filbert.
- SIGN, electric, \$25; 5145 3rd Street; owner, Flores Printing, premises; contractor, Adalite Neon Corp., 5835 3rd St.
- ALTER flats, \$200; 1145 Hayes St.; owner, Violet Ballen, premises.
- FLUE, \$22; 91 Caselli Ave.; owner, Jacobs, premises; contractor, C. R. Smith & Son, 4057 18th Street.
- ALTER dwelling \$200; 213 Bocana; owner, Frank Favorolo, prem.
- ALTER beer parlor, \$100; 203 Valencia St.; owner, G. L. Baraty, 111 Sutter St.; contractor, Jas. Mueholland, 121 Randall St.
- ALTER lodge rooms, \$450; 2174 Market St.; owner, Swedish American Hall Assn., premises; contractor, Star Orn. Iron Works, 227 Bay St.
- ALTER office bldg., \$300; NW Sansome and Pine Sts.; owner, Royal Ins. Co., Ltd., 201 Sansome.

ORANGE COUNTY—BRIDGE REPAIRS—(STATE)

ORANGÉ COUNTY, Calif.—Oberg Bros., 6024 Miramonte Blvd., Los Angeles, at \$14,149 (Alt. "C") submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing a bridge across Santa Ana River about 4.0 miles south of Yorba Linda in Orange County.

Work involves:

- (1) 1 lot existing pier and debris removed and disposed of;
- (2) 40 c.y. struc. excav.;
- (3) 64 tons broken stone bituminous macadam surf.;
- (4) 3.5 tons liquid asphalt 90-95;
- (5) 14,000 lbs. bar reinf. steel;
- (6) 80 c.y. Class A Portland cement concrete;
- (7) 59 MFBM Douglas fir timber;
- (8) 5 MFBM Redwood timber, dense select all heart struc. grade;
- (9) 16,000 lbs. struc. metal;
- (10) 12 each fire tanks;
- (11) 1 lot clean and paint;

- (12) 1 lot misc. items of work; ALTERNATE A
- (13) 960 l.f. furnish precast concrete piles;
- (14) 24 each driving do; ALTERNATE B
- (15) 960 l.f. furnish cast in place concrete piles, type not requiring mandrel;
- (16) 24 each driving steel shells, type not requiring mandrel; ALTERNATE C
- (17) 960 l.f. furnish cast in place concrete piles, mandrel type;
- (18) 24 ea. driving steel shells, mandrel type.

A bidder is required to submit a bid on one alternative, and may, but is not required to submit bids on all alternatives.

The contract will be awarded unless all bids are rejected, to the lowest responsible bidder for the work as a whole.

Total bids follow:

(A) Oberg Bros.: "A" and "B" no bids; "C" \$14,149.

- (B) E. G. Perham: "A" \$16,408.30; "B" \$16,005.18; "C" no bid.
- (C) V. R. Dennis Const. Co.: "A" no bid; "B" \$15,685; "C" no bid.
- (D) E. S. & N. S. Johnson: "A" and "B" no bids; "C" \$15,268.
- (E) General Const. Co. and J. Walter Johnson: bid possibly irregular; referred to attorneys: "A" and "B" no bids; "C" \$15,331.59.
- (F) Werner & Webb: "A" no bid; "B" \$15,850; "C" \$15,972.
- (G) Byerts & Dunn: "A" and "B" no bids; "C" \$17,081.
- (H) Contracting Engrs. Co.: "A" no bid; "B" \$16,588; "C" \$16,996.
- (I) J. S. Metzger & Son: "A" \$17,033; "B" \$16,985.
- (J) Dimmitt & Taylor: "A" and "B" no bids; "C" \$17,081.
- (K) R. R. Bishop: "A" no bid; "B" \$18,869; "C" \$18,869.
- (L) G. O. Gartz: "A" \$19,093.50; "B" \$16,899.50; "C" \$17,067.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$560.00	\$400.00	\$1500.00	\$500.00	\$342.21	\$1200.00	\$500.00	\$600.00	\$1500.00	\$1200.00	\$2000.00	\$600.00
(2)	1.00	4.00	1.25	2.00	1.13	1.50	2.50	2.50	3.00	5.00	3.00	10.00
(3)	2.50	3.30	2.50	2.50	4.49	3.50	3.00	5.00	5.00	3.00	3.50	4.00
(4)	20.00	20.00	20.00	20.00	22.44	16.00	15.00	20.00	20.00	40.00	20.00	25.00
(5)	.05	.055	.06	.05	101.77	.05	.06	.055	.06	.06	.65	.05
(6)	25.00	30.00	22.00	28.00	22.14	16.00	25.00	30.00	22.00	30.00	20.00	26.00
(7)	65.00	67.50	75.00	60.00	77.82	60.00	65.00	68.00	65.00	75.00	85.00	70.00
(8)	100.00	140.00	110.00	86.00	118.00	150.00	100.00	100.00	100.00	140.00	150.00	110.00
(9)	.09	.095	.10	.10	.11	.10	.10	.13	.15	.10	.13	.13
(10)	14.00	35.00	15.00	15.00	15.07	12.50	20.00	30.00	30.00	15.00	20.00	15.00
(11)	500.00	1181.00	550.00	1120.00	835.89	1700.00	800.00	1000.00	1000.00	1000.00	1000.00	1800.00
(12)	200.00	300.00	500.00	500.00	400.00	500.00	810.00	1000.00	400.00	500.00	1000.00	900.00
"A"		84.40							2.80			2.00
(14)		84.00							60.00			180.00
"B"		2.96	2.50			2.75			2.00	2.50		2.00
(16)		55.37	55.00			75.00			69.00	70.00		100.00
"C"		1.60		2.00	1.34	1.70	1.75	1.40			1.40	2.00
(18)	110.00			100.00	112.20	120.00	125.00	110.00			110.00	100.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until May 5, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 408, Post Office Bldg., Sacramento, under Bid No. 1105-38-267, for (1) transportation of fuel oil from the Union Oil Co. docks at Oleum, Cal., and within the bunkers on board the government dredge at following points: Sacramento, Stockton and Rio Vista; and (2) furnishing and delivering 3600 bbls. fuel oil, to and within the bunkers on board the Government dredge at the above points.

FORT MASON, Cal.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

May 27, 10:00 A. M.
 BID NO. 928-38-358—Burlap, nails, packing boxes, and softwood lumber; f.o.b. Fort Mason, Cal.

FORT MASON, Cal.—Until May 31, p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 28-38-363, for furnishing softwood and Douglas fir lumber; f.o.b. shipper's point and/or F.A.S. Dock No. Fort Mason, Calif.

FORT MASON, Cal.—Until May 31, 2:30 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-364, for furnishing paint (oil, lead, cold-water and vermilion); softwood, Douglas fir and lyboard lumber; f.o.b. Fort Mason, Calif.

FORT MASON, Cal.—Until May 31 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason San Francisco, under Bid No. 928-38-362, for furnishing nails, varnish, barrels, sawdust, cans, twine, fiberboard and softwood lumber; f.o.b. Fort Mason, San Francisco.

SACRAMENTO, Calif.—Until May 3, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 408, Post Office Bldg., Sacramento, under Bid No. 1105-38-269, for furnishing three new automobiles, 4-door sedans, fully equipped and ready for service. (A) delivery to be made by U. S. Engineer, fob Sacramento, contractor pre-paying all transportation charges; (B) delivery to be made to U. S. Engineers, fob railroad car at bidder's selection, for shipment on Govt. bill of lading. Allowance on trade-in. Order 9438. One Chevrolet 4-door sedan and one Ford 4-door sedan. Used cars may be inspected by contacting the above office.

FORT MASON, Cal.—Until May 25 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, San Francisco, under Bid No. 928-38-357, for furnishing cotton twine, pins, acid bleaching material and laundry compound; fob Quartermaster Laundry, March Field, Calif.

FORT McDOWELL, Calif.—Until May 27, 2 P. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. 536-38-36, for furnishing cubicle curtain equipment including, curtain track tubing, hardware, felt wheel roller and cotton curtains; fob Pier No. 1, Ft. Mason.

Plans and specifications may be obtained from the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie Supply Officer, Government Island, Oakland, for furnishing supplies and equipment, as follows:

MAY 23, 2 P. M.:
 BID NO. 5697: 132 barrels of Portland cement; fob Los Prietos Warehouse, 25 miles from Santa Barbara.

MAY 24, 2 P. M.:
 BID NO. 5672: Finishing plumbing, fixtures and fittings; fob Willows;

BID NO. 5694: One 2,000-gal. and one 10,000-gal. redwood water tanks; fob Redding.

MAY 25, 2 P. M.:
 BID NO. 5692: Fire extinguishers; fob Government Island;

BID NO. 5695: One gasoline dispensing unit and four lubricating oil outfits; fob Mt. Shasta.

MAY 26, 2 P. M.:
 BID NO. 5700: 50 dozen one-gallon canteens; fob Portland, Ore.

GOVERNMENT ISLAND, Calif.—Until May 24, 2:00 p.m., bids will be received by the Forest Service Supply Depot, R. Marsh, Acting Supply Officer, Government Island, Oakland, under Bid No. 5696, for furnishing finish plumbing, fixtures and fittings; f.o.b. Redding, Cal.

RECLAMATION BUREAU

PROVO RIVER PROJ., Utah.—Until May 25, 2 P. M., bids will be received by the Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. 27-519-A, for furnishing galvanized corrugated metal pipe and coupling bands; fob shipping point and/or Charleston, Utah.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 3, 2:00 p.m., bids will be received by L. A. Water & Power Purchasing Agent for: 4800-volt primary 6.6-amp secondary, 60-cycle, subway type constant current regulating transformers, furnished without oil; Spec. No. 2635, as follows:

- I 15-kw transformers;
- II 20-kw transformers;
- III 25-kw transformers.

SAN FRANCISCO CITY

SAN FRANCISCO—Until June 3, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2013, for furnishing one carload standard wrought steel galv. pipe, threaded and coupled. Random lengths, misc. sizes ½-inch to 8-inch, for the San

Francisco Water Dept.

Plans and specifications available at above office.

SAN FRANCISCO—Until June 3, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2014, for furnishing ten 12-inch and ten 16-inch hub end gate valves for San Francisco Water Dept.

Plans and specifications available at above office.

CANAL ZONE

PANAMA CANAL—Until May 27 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3355, for furnishing supplies and materials, including:

Springboards and diving board faucets, centrifugal water pump, gasoline-engine operated hoist, black monson slate, steel bars, block-tin pipe, brass or bronze pipe fittings, brass union elbows, valves, corporation stop cocks, lavatory faucets, grease cups, fire extinguishing liquid; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agent The Panama Canal, Fort Mason, San Francisco.

ALAMEDA COUNTY UNDER \$1000

REPAIRS, \$95; 140 Nova Dr., Piedmont; owner, H. A. Kay, Prem.; contractor, E. H. Chinnock, 3844 Brighton Ave., Oakland.

ALTERATIONS, \$600; 15 Wyngaard Ave., Piedmont; owner, A. M. Wickland, Prem.; contractor, O. Pedersen, 3626 Rhoda Ave.

ALTERATIONS, \$100; 2076 Oakland Ave., Piedmont; owner and contractor, Mrs. David Andersen, 34 Blair Ave., Piedmont.

ALTERATIONS, \$490; 43 Dormlidra Ave., Piedmont; owner and contractor, Owen Hotle, Jr., 43 Dormlidra Ave.

ALTERATIONS, \$200; 1815 Park Blvd., Oakland; owner and contractor, Hagstrom Food Stores, 10626 E. 14th St.

ALTERATIONS, \$350; 927 40th Ave., Oakland; owner and contractor, Rene Van Deshaeghan, Prem.

DAILY PACIFIC BUILDER

LARGEST CONSTRUCTION DAILY IN THE WEST

Published by

Stark-Rath

PRINTING • AND • PUBLISHING • COMPANY

Public Library
Civic Center
San Francisco, Calif

D A I L Y

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Hanrahan Low on Merced
Bridges, Paving



Bids June 15 on Redding Water System



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, MAY 28, 1938

No. 22

State Advertiser Five Bridge, Highway Contracts; Openings Set for June 9-15

SACRAMENTO, May 24.—The State Highway Commission today authorized calling for bids on five bridge and highway construction contracts for work in Monterey, Yuba, Santa Barbara, Calaveras and Orange counties.

Bids on the Orange county job will be opened in Los Angeles, June 15. The southern job involves about 0.2 mile of grading and plant-mix surfacing near Galivan in Orange county. Principal items include: 145,000 cubic yards of unclassified excavation; 145 tons of liquid asphalt of various types; and 5700 tons of imported subgrade material.

Northern Projects

Bids will be opened in Sacramento June 15, for about three miles of grading and surfacing with imported borrow and road-mix surface treatment in Santa Barbara county. The stretch of road to be improved lies between Los Olivos and Zaca.

Principal items include: 103,000 cubic yards of unclassified roadway excavation; 40,500 sq. yds. of preparing, mixing and shaping roadbed; 455 tons of liquid asphalt of various types; 39,700 lbs. of bar reinforcing steel; 3600 cu. yds. of ditch and channel excavation; and 146,000 station yards overhauled.

Construction of a reinforced concrete bridge at Dry Creek, about 13 miles east of Marysville in Yuba county, is called for in the third contract. Grading and applying seal coat to about 0.2 mile of roadbed is included.

The work involves: 5300 cubic yards of unclassified excavation; 3.5 tons of liquid asphalt; 240,000 pounds of bar reinforcing steel, and 1270 cubic yards of Class A Portland cement concrete structures.

Soledad Paving

The fourth contract for which bids were called by the State Highway Commission today involves grading and paving with Portland cement concrete about one mile of Salinas bridge approaches at Soledad in Monterey county.

The job involves the following principal items: 13,500 cubic yards of unclassified excavation; 10,000

PROPOSALS ON 4 JOBS OPENED AT SACRAMENTO

Caletti, Young & Son, Conner Low Bidders on Other Contracts

SACRAMENTO, May 25.—Hanrahan Co., Hobart building, San Francisco, today submitted a low bid of \$335,324 to the State Division of Highways here today on the largest of four major projects on the day's bid-opening schedule.

The low proposal of Hanrahan Co. was for bridge construction, grading, surfacing and paving on about 5.7 miles in Merced county, on a stretch of highway extending southerly from the city of Merced. The \$335,324 low proposal was on Alternate B, using mandrel type concrete piles. On Alternate A, using piles not requiring mandrels, the firm's price was \$338,801.

Macco Second

Macco Construction Co., Clearwater, figuring Alternate B only, was second low bidder at \$337,328.

Griffith Co., Los Angeles, submitted bids of \$358,414 on B and \$360,651 on A, while Frederickson & Westbrook, Lower Lake, figured the job at \$358,636 on either A or B.

C. W. Caletti & Co., P. O. Box 243, San Rafael, was low bidder at \$86,095 for grading, surfacing and constructing a concrete box culvert in Shasta county between Seaman's Gulch and 6.3 miles east of Ingot and at eight-tenths of a mile east of Bella Vista.

Trinity Surfacing

Young & Son Co., Ltd., 599 Colusa avenue, Berkeley, submitted a low bid of \$87,874 for grading and surfacing 4.1 miles at various locations between Big Bar and Junction City, Trinity county. Only two other bids were received on this contract: Harold Smith, St. Helena, at \$89,224; and N. M. Ball Sons, Berkeley, at \$106,280.

J. L. Conner & Sons, Hotel Serra, Monterey, at \$38,890 submitted the lowest of four bids for grading and surfacing two-tenths of a mile and constructing underdrains about a mile southwest of Cordelia underpass in Solano county.

REDDING WATER JOB BIDS ASKED

The Redding City Council this week called for bids on the second unit of the municipal water system, expected to cost approximately \$208,000.

Bids will be opened June 15 at the City Hall. Work on the first unit of the project is underway already. The second unit will include the city distribution system, with cast iron cement-lined pipe, copper and cast iron services, and new hydrants, according to City Engineer W. K. Adams.

square yards of preparing, mixing, and shaping shoulders; 20 tons of liquid asphalt; and 2640 cu. yds. of Class A Portland cement concrete pavement.

Unit prices will be submitted on thirty-four items.

The fourth job for which bids will be opened by the Division of Highways, June 15, involves 5.9 miles of surfacing with gravel and plant-mix surfacing between 2.5 miles east of Valley Springs and San Andreas, in Calaveras county.

Unit prices will be submitted on fifteen items. Principal items include: 500 cubic yards of unclassified roadway excavation; 15,400 cubic yards of imported gravel; 13,000 tons of mineral aggregate plant-mix surfacing; 90 tons of liquid asphalt; 75 tons of seal coat, and 690 tons of screen seal coat.

Shipments of hand fire extinguishing equipment for Mar., 1938, amounted to 33,259 units, as compared to shipments of 41,869 units in the same month last year, according to the Bureau of Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1250	Argens	Cowen	3500
1251	Depaoli	Beal Store Eqpt	1000
1252	Higgins	Owner	3000
1253-4	Meyer	Owner	4000
1255	O'Shea	Alt. Carpenter	1000
1256	Scardigli	Owner	2000
1257-9	Struthers	Owner	3000
1260	Union Oil	Early	2000
1261	Bassien	Lindsay	5095
1262	Dielger	Owner	6000
1263-4	Kronquist	Property	3500
1265-6	Johnson	Owner	4000
1267	Johnson	Andersen	4000
1268	Murphy	Owner	3500
1269	Nathland	Baldwinson	3500
1270	North Beach	QRS	1400
1271-3	Thorinson	Owner	3500
1274	Stagnaro	Giannoli	2600
1275-6	Barber	Owner	2500
1277	Barber	Owner	3900
1278	Barber	Owner	4000
1279	Bassien	Lindsay	5000
1280	Carraro	Carraro	3000
1281	Demassimo	Corbitum	4000
1282-3	Evers	Owner	4000
1284	Forde	Lindsay	3500
1285	Goans	Olafsson	1000
1286	Hale Bros	Ellingson	2000
1287	Hansen	Owner	4000
1288	Kornblum	Lindsay	3500
1289	Lindsay	Owner	3500
1290	Matsger	Jensen	10000
1291	Roberts	Hogrefe	6000
1292	Cal. C. of C.	Owner	8000
1293	Haynes	Kelly	1000
1294	Johnson	Owner	4000
1295	Johnson	Kelly	1300
1296	Johnsen	Owner	2000
1297	Leary	Kelly	1000
1298	McKale's	Aetna	30000
1299	Perry	Vukicevich	4750
1300	Rolkin	Irwin	20000
1301	R. C. Archb.	Miller	4000
1302	Stenfors	Dahlstrom	3500
1303-4	Dall	Erickson	3000
1305-6	Frank	Erickson	3000
1307	Garbarino	Sharboro	8000
1308	Kelleher	McKeon	4500
1309	Reihter	Owner	2300
DWELLING			
(1250) E. 29TH AVE, 175 S ULLOA.			
One-story and basement frame dwelling.			
Owner—	Dr. Richard C. Argens, 924 Taraval St.		
Contractor—	Stanley Cowen, 924 Taraval St.		
Architect—	D. E. Jaekle, 126 Post St.		\$3500
ALTERATIONS			
(1251) 3293 MISSION ST. Alter Store.			
Owner—	L. Depaoli, 3289 Mission St.		
Contractor—	Beal Store Equipment Co., 2745 16th St.		
Architect—	Not Given.		\$1000
DWELLING			
(1252) S. MT. VERNON, 53 W OF SAN JOSE AVE. One-story and basement frame dwelling.			
Owner—	Joe Higgins, Inc., 62 Monterey Blvd.		
Architect—	Not Given.		\$3000
DWELLING			
(1253) SE MARIETTA DRIVE & ENCLINE CT. One-story and basement frame dwelling.			
Owner—	Meyer Bros., 735 Portola Dr.		
Architect—	Not Given.		\$4000
DWELLINGS (6)			
(1254) S. ENCLINE CT. 31-58-88-118-147-177 E MARIETTA DR.			
Six 1-story and basement frame dwellings.			
Owner—	Meyer Bros., 735 Portola Dr.		
Architect—	Not Given.		\$4,000 each
ALTERATIONS			
(1255) 390 27TH AVE. Alter dwelling.			
Owner—	John O'Shea, 390 27th Ave.		
Contractor—	AA Alteration Carpenter Shop, 3122 Geary St.		
Architect—	Not Given.		\$1000
ALTERATIONS			
(1256) 3011 FILLMORE ST. Alter Flats.			
Owner—	M. and F. Scardigli, Prem.		
Architect—	Not Given.		\$2000
DWELLING			
(1257) NE TOPEKA, 34 S SILVER AVE. One-story and basement frame dwelling.			
Owner—	Marshall T. Struthers, 4250 Mission St.		
Architect—	Not Given.		\$3000
DWELLING			
(1258) NE TOPEKA, 60 S SILVER AVE. One-story and basement frame dwelling.			
Owner—	Marshall T. Struthers, 4250 Mission St.		
Architect—	Not Given.		\$3000
DWELLING			
(1259) NE TOPEKA, 86 S SILVER. One-story and basement frame dwelling.			
Owner—	Marshall T. Struthers, 4250 Mission St.		
Architect—	Not Given.		\$3000
ALTERATIONS			
(1260) MONTEREY, JOOST AND DIAMOND. Alter service sta.			
Owner—	Union Oil Co. Mills Tower.		
Contractor—	Fred J. Early, Jr., 369 Pine St.		
Architect—	Not Given.		\$2000
DWELLING			
(1261) N BALBOA 107 E 20th Ave. One-story and basement frame dwelling.			
Owner—	Leon Bassien, 1804 Balboa.		
Contractor—	Boyd C. Lindsay, 1178 Alemany Blvd.		
Architect—	Not Given.		\$5,300
DWELLING			
(1262) W 15th AVE. 126 N Pacheco. Two-story and basement frame dwelling.			
Owner and Builder—	Henry Doelger Bldr., Inc., 320 Judah Street.		
Architect—	Not Given.		\$6,000
DWELLING			
(1263) W CASTRO 30 N Chenery. One-story and basement frame dwelling.			
Owner—	A. J. Kronquist, 919 Fell St.		
Contractor—	Property Imp. Co., 919 Fell Street.		
Architect—	L. O. Berg, Mills Building.		3,500
DWELLING			
(1264) NW CASTRO and Chenery. One-story and basement frame dwelling.			
Owner—	A. J. Kronquist, 919 Fell St.		
Contractor—	Property Imp. Co., 919 Fell Street.		
Architect—	L. O. Berg, Mills Building.		3,500
DWELLING			
(1265) W 28th AVE. 25 N Rivera. One-story and basement frame dwelling.			
Owner and Builder—	J. Harold Johnson, 771 28th Avenue.		
Architect—	Not Given.		\$4,000
DWELLING			
(1266) N RIVERA 95 W 28th Ave. One-story and basement frame dwelling.			
Owner and Builder—	J. Harold Johnson, 771 28th Avenue.		
Architect—	Not Given.		\$4,900
DWELLING			
(1267) E 16th AVE. 250 S Vicente. One-story and basement frame dwelling.			
Owner—	L. W. Johnson, 2125 Lincoln Way.		
Contractor—	Adolph Andersen, 230 Hazelwood Avenue.		
Architect—	Not Given.		\$4,000
DWELLING			
(1268) W ANDERSON 25 S Ogden. One-story and basement frame dwelling.			
Owner and Builder—	Frank Murphy, c/o 117 28th Street.		
Architect—	Not Given.		\$3,500
DWELLING			
(1269) S DUNCAN 80 E Noe Street. One-story and basement frame dwelling.			
Owner—	L. C. Nathland, 122 Fillmore.		
Contractor—	Ingar Baldwinson, 2246 35th Avenue.		
Architect—	Not Given.		\$3,500
ELECTRIC SIGN			
(1270) 644 BROADWAY. Electric sign.			
Owner—	North Beach Theatres, 544 Broadway.		
Contractor—	QRS Neon Corp., Ltd., 690 Potrero Avenue.		
Architect—	Not Given.		\$1,400
DWELLING			
(1271) W 28th AVE. 75 N Vicente. One-story and basement frame dwelling.			
Owner and Builder—	F. H. Thorinson, 1630 Ocean Avenue.		
Architect—	Not Given.		\$3,500
DWELLING			
(1272) W 28th AVE. 25 N Vicente. One-story and basement frame dwelling.			
Owner and Builder—	F. H. Thorinson, 1630 Ocean Avenue.		
Architect—	Not Given.		\$3,500
DWELLING			
(1273) W 28th AVE. 50 N Vicente. One-story and basement frame dwelling.			
Owner and Builder—	F. H. Thorinson, 1630 Ocean Avenue.		
Architect—	Not Given.		\$3,500
DWELLING			
(1274) NE HOLLOWAY AVE. and Brighton St. One-story frame dwelling.			
Owner—	Victor Stagnaro, 222 Lee Ave.		
Contractor—	A. Giannoli, 179 Granada Avenue.		
Architect—	Not Given.		\$2,600
DWELLING			
(1275) N ARLINGTON 145 West Wilder. One-story and basement frame dwelling.			
Owner and Builder—	H. Barber, 225 College Avenue.		
Architect—	Not Given.		\$2,800

DWELLING
(1276) N ARLINGTON 205 West Wilder. One-story and basement frame dwelling. Owner and Builder—H. Barber, 225 College Avenue. Architect—Not Given. \$2,800

DWELLING
(1277) N ARLINGTON 230 West Wilder. One-story and basement frame dwelling. Owner and Builder—H. Barber, 225 College Avenue. Architect—Not Given. \$3,900

DWELLING
(1278) N ARLINGTON 85 West Wilder. One-story and basement frame dwelling. Owner and Builder—H. Barber, 225 College Avenue. Architect—Not Given. \$4,000

DWELLING
(1279) N BALBOA 107 E 20th Ave. One-story and basement frame store and dwelling. Owner—Leon Bassien, 1804 Balboa. Contractor—Boyd C. Lindsay, 1176 Alemany Blvd. Architect—Not Given. \$5,000

DWELLING
(1280) S OAKDALE AVE. 275' W Keith. One-story and basement frame dwelling. Owner—G. Carraro, 750 Felton St. Contractor—G. Carraro & Sons, 700 Felton Street. Architect—Not Given. \$3,000

DWELLING
(1281) S SAN JOSE 75 N Liebig. One-story and basement frame dwelling. Owner—P. Demassimo, c/o Contractor—Edward Cornblum, 2200 47th Avenue. Architect—W. E. Huson, 475 24th Ave. \$3,000

(1282) W 18th AVE. 350 N Taraval. One-story and basement frame dwelling. Owner and Builder—Kenneth Evers, 55 San Rafael Way. Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
(1283) W 18th AVE. 325 N Taraval. One-story and basement frame dwelling. Owner and Builder—Kenneth Evers, 55 San Rafael Way. Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
(1284) E CAYUGA 25 S Geneva. One-story and basement frame dwelling. Owner—J. A. Forde, 4717 Mission St. Contractor—C. T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3,500

ALTERATIONS
(1285) 134 HEARST AVE. Alter dwelling. Owner—R. O. Goans, premises. Contractor—S. J. Olafson, 2665 Diamond Street. Architect—Not Given. \$1,000

ALTERATIONS
(1286) 2554 MISSION Street. Alter store. Owner—Hale Bros., Fifth and Market Streets. Contractor—Thos. Ellingson, Jr., 6119 Majestic Avenue. Architect—Not Given. \$2,000

DWELLINGS
(1287) S SHAWNEE 25, 50, 75, 100, 125 W Delano. Five 1-story and

basement frame dwellings. Owner and Builder—Hansen & Hansen, 2401 San Jose Avenue. Architect—Not Given. \$4000 each

DWELLING
(1288) E CAYUGA 50 S Geneva Ave. One-story and basement frame dwelling. Owner—H. N. Kornblum, 1249 Alemany Blvd. Contractor—C. T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3,500

DWELLINGS
(1289) E CAYUGA 75, 100, 125 and 150 S Geneva. Four 1-story and basement frame dwellings. 820 Taraval Street. Architect—Not Given. \$3000 each

DWELLING
(1290) N JACKSON 187 E Spruce. Two-story and basement frame dwelling. Owner—N. E. Matsger, 2153 Beach. Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street. Architect—Michael Goodman, 2163 Center St., Berkeley. \$10,000

DWELLING
(1291) W BEAUMONT and Lone Mt. Lane. One-story and basement frame dwelling. Owner—Raymond Roberts, 553 17th Avenue. Contractor—Herman C. Hogrefe, 359 24th Avenue. Architect—Conrad T. Kett, Clunick Building. \$6,000

ALTERATIONS
(1292) 356 BUSH ST. Alter office. Owner—Calif. State Chamber of Commerce, Ferry Bldg. Architect—John E. Dinwiddie, 360 Pine St. \$8000

ALTERATIONS
(1293) 1230 19TH AVE. Alter dwelling. Owner—Ed Haynes, Prem. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$1000

DWELLING
(1294) SW ALEMANY AND NIAGARA. One-story and basement frame dwelling. Owner—Fred Johnson, 329 Lowell St. Architect—Not Given. \$4000

ALTERATIONS
(1295) 1234 19TH AVE. Alter dwelling. Owner—Jas. Johnson, Prem. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$1200

DWELLINGS (5)
(1296) W ALEMANY, 182-208-234-260-286 N TINGLEY. Five one-story and basement dwellings. Owner—J. A. Johnson, 69 Madison Street. Architect—Not Given. \$2000 ea.

ALTERATIONS
(1297) 1226 19TH AVE. Alter dwelling. Owner—J. Scott Leary, Prem. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$1000

SERVICE STATION
(1298) SE COLUMBUS AND PACIFIC. One-story Class C service station. Owner—McKale's, Inc., Claus Spreckels Bldg. Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$30,000

STORE
(1299) NE TARAVAL AND 26TH AVE. One-story frame store. Owner—J. F. Perry, 287 10th Ave. Contractor—M. E. Vukicevich, 666 Mission St. Architect—H. C. Baumann, 251 Kearny St. \$4750

ALTERATIONS
(1300) SE TURK AND GOUGH STS. Alter apartment house. Owner—Edw. Rolkin, 136 McAllister St. Contractor—J. J. Irwin, 1040 Oak St. Architect—Not Given. \$20,000

ALTERATIONS
(1301) W DIAMOND, 75 S OF 18th ST. Alter church. Owner—Roman Catholic Archbshop, 1100 Franklin St. Contractor—Miller Constr. Co., 3917 Mission St. Architect—Not Given. \$4000

DWELLING
(1302) S JOOST, 125 E ACADIA. One-story and basement frame dwelling. Owner—Arnold Stenfers, 103 Ellsworth. Contractor—Gust Dahlstrom, 160 Castro St. Architect—Not Given. \$3500

DWELLING
(1303) W ALEMANY 82 N Oneida Ave. One-story and basement frame dwelling. Owners—Wm. Henry and John Dall, c/o contractor. Contractor—Henry Erickson, 972 Chenery Street. Architect—Not Given. \$3,000

DWELLING
(1304) W ALEMANY 55 N Oneida Ave. One-story and basement frame dwelling. Owners—Wm. Henry and John Dall, c/o contractor. Contractor—Henry Erickson, 972 Chenery Street. Architect—Not Given. \$3,000

DWELLING
(1305) NW ONEIDA and Alemany. One-story and basement frame dwelling. Owner—Floyd C. Frank, c/o Contr. Contractor—Henry Erickson, 972 Chenery Street. Architect—Not Given. \$3,000

DWELLING
(1306) W ALEMANY 27 N Oneida Ave. One-story and basement frame dwelling. Owner—Floyd C. Frank, c/o Contr. Contractor—Henry Erickson, 972 Chenery Street. Architect—Not Given. \$3,900

FLATS
(1307) S CHESTNUT 69 E Polk St. Two-story and basement frame flats. Owner—E. Garbarino, 1177 Chestnut. Contractor—Sbarboro and Jorgensen, 207 Walnut Street. Architect—Not Given. \$8,000

DWELLING
(1308) W GARCIA AVE. 45 N Vaquez Ave. One-story and basement frame dwelling. Owner—R. Kelleher, 2450 17th Ave. Contractor—C. T. McKeon, 2194 30th Avenue. Architect—Not Given. \$4,500

DWELLING
(1309) W VESTA 200 S Thornton. One-story and basement frame dwelling. Owner and Builder—M. R. Reibter, 50 Vesta Street. Architect—Not Given. \$2,000

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
1204	Dodge	Justice	3250
1205	Hinman	Armstrong	2000
1206	Holmes	Armstrong	1000
1207	Malm	Owner	6000
1208	Scherman	Spivock	4000
1209	Sherko	Elliot	2000
1210	Wentworth	Owner	1800
1211	Forbes	Owner	9900
1212	Netherby	Owner	7000
1213	Callas	Gaubert	10700
1214	Cuonmano	Joaquin	4600
1215	Underwood	Brodrick	1250
1216	Home Loan	Gabriel	3500
1217	Mortensen	Owner	1000
1218	United Church	Kopf	39276
1219	Matlin	Sorensen	1400
1220	Bedbury	Prunett	5500
1221	Cornick	Pierce	3500
1222	Rude	Owner	3000
1223	Standard Oil	Owner	3000
1224	Woodburn	Owner	5000
1225	Sconfienga	Dutra	2000
1226	Hill	Owner	3500
1227	Hill	Owner	4500
1228	Rocha	Farringer	1500
1229	MacGregor	Owner	3000
1230	MacGregor	Owner	3000
1231	McNitt	Owner	2750
1232	Moore	Wiggins	5800
1233	Davis	Leonardo	1500
1234	Fellows	Legris	3500
1235	Magruder	Hambin	4000
1236	Magruder	Hambin	4400
1237	Magruder	Hambin	4500
1238	Rahifs	Taten	6000
1239	S. P. Co.	Owner	1400
1240	Tilton	Tilton	6300

DWELLING			
(1200)	4558 REINHARDT DRIVE, OAKLAND.	One-story 3-room dwelling.	
Owner—	E. A. Merrill, Oakland.		
Contractor—	Gene B. Van Ness, 4331 Masterson St.		
	Also garage, \$200.		
Architect—	Not Given.		\$3800
ALTERATIONS			
(1201)	4347 LEACH AVE., OAKLAND.	Alterations.	
Owner—	Thos. Murphy, Prem.		
Contractor—	Donelly Root Co., 1700 47th Ave.		
Architect—	Not Given.		\$1200
GRANDSTAND			
(1202)	OAKLAND MUNICIPAL AIRPORT.	Grandstand.	
Owner—	Pacific International Air Races Assn., 902 Latham Square Bldg.		
Contractor—	Safeway Steel Scaffold Co., 267 15th Ave., San Francisco.		
Architect—	Not Given.		\$6000
DWELLING			
(1203)	2620-26 E. 15TH ST., OAKLAND.	One-story 5-room dwelling.	
Owner—	Sol Scherman, 1538 26th Ave.		
Contractor—	Wm. Spivock, 1538 26th Ave.		
Architect—	Not Given.		\$3500 ea.
DWELLING			
(1204)	2607 HUMBOLDT AVENUE, OAKLAND.	One-story, 5-room dwelling.	
Owner—	F. A. Dodge, Alameda Ave.		
Contractor—	N. J. Justice, 2216 Clinton Ave.		
	Also garage, \$150.		
Architect—	Not Given.		\$3250
ADDITION			
(1205)	1048 SUNNYHILLS ROAD, OAKLAND.	Addition.	
Owner—	H. Hinman, Prem.		
Contractor—	J. R. Armstrong, 834 E. 10th St.		
Architect—	Not Given.		\$2000

ADDITION			
(1206)	1648 TRESTLE GLEN RD., OAKLAND.	Addition.	
Owner—	J. Holmes, Prem.		
Contractor—	J. R. Armstrong, 834 E. 10th St.		
Architect—	Not Given.		\$1000
DWELLING			
(1207)	281 CAPRICORN ST., OAKLAND.	Two-story 5-room dwelling.	
Owner & Builder—	A. P. Malm, 3220 Garfield Ave., Alameda.		
Architect—	G. P. Simonds, 80 Main St., Hayward.		\$6,000
DWELLING			
(1208)	1500 26TH AVE., OAKLAND.	One-story 5-room dwelling.	
Owner—	Sol Scherman, 1538 26th Ave.		
Contractor—	Wm. Spivock, 544 Golden Gate, San Francisco.		
Architect—	Not Given.		\$4000
ADDITION			
(1209)	1418 92ND AVE., OAKLAND.	Addition.	
Owner—	J. N. Sherko, Prem.		
Contractor—	W. H. Elliot, 9890 Thermal.		
Architect—	Not Given.		\$2000
ALTERATIONS, ETC.			
(1210)	3286 LYNDE ST., OAKLAND	Alterations and addition.	
Owner & Builder—	Mrs. Ida Wentworth, Prem.		
Architect—	Not Given.		\$1800
STORE			
(1211)	2116 SHATTUCK, BERKELEY.	One-story 2-room store.	
Owner—	Mrs. M. Forbes, 2526 Hille-gass.		
Contractor—	C. H. Thrans, 28 Home Place, Oakland.		
Architect—	Ray Keefer, 555 Mandana, Oakland.		\$9,900
DWELLING			
(1212)	1160 MILLER, BERKELEY.	Owner and Builder—E. M. Netherby, 3553 Lyman Road, Oakland.	
Architect—	Not Given.		\$7,000
APARTMENTS			
(1213)	5324-26-28-30 BELVEDERE AVE., OAKLAND.	Two-story 16-room apartments.	
Owner—	Paul Callas, 5341 Foothill Blvd., Oakland.		
Contractor—	Gaubert Brothers, 4735 Brookdale Ave., Oakland.		
Architect—	Irwin Johnson, 2215 7th Ave., Oakland.		\$10,700
	Also 1-story garage, \$300.		
ADDITION			
(1214)	10246 HOLLYWOOD BLVD., OAKLAND.	Addition.	
Owner—	Sam Cuonmano, 231 Hollywood Blvd., San Leandro.		
Contractor—	M. Joaquin, 124 Harlan St., San Leandro.		
Architect—	Not Given.		\$1,600
DWELLING			
(1215)	2718 LOGAN ST., OAKLAND.	One-story 5-room dwelling.	
Owner—	C. W. Underwood.		
Contractor—	C. W. Leekins, 6054 La Salle Avenue.		
Architect—	Not Given.		\$4,500
ALTERATIONS			
(1215)	2722 DURANT, BERKELEY.	Alterations.	
Owner—	Not Given.		
Contractor—	W. L. Brodrick, 640 Arling-ton.		
Architect—	Not Given.		\$1,250
DWELLING			
(1216)	4671 DAVENPORT AVENUE, OAKLAND.	One-story 4-room dwelling.	
Owner—	Home Loan, Security Co.,		

CHURCH			
(1217)	4432 PIEDMONT AVENUE, OAKLAND.	Addition.	
Owner and Contractor—	Wm. J. Mortensen, 4432 Piedmont Avenue.		
Architect—	Not Given.		\$1,000
CHURCH			
(1218)	303 HUDSON ST., OAKLAND.	One-story church building.	
Owner—	United Brethren Church.		
Contractor—	Ben F. Kopf, 845 Pacific Ave., Alameda.		
Architect—	Wm. H. and Harold H. Weeks, 593 Market St., San Francisco.		\$39,276
ALTERATIONS			
(1219)	810 ALAMEDA, BERKELEY.	Alterations.	
Owner—	C. H. Matlin, Prem.		
Contractor—	Edw. M. Sorensen, 1907 Parker.		
Architect—	Not Given.		\$1400
DWELLING			
(1220)	3235 E. 23RD ST., OAKLAND	One-story 5-room dwelling.	
Owner—	James M. Bedbury, 163 Palmetto.		
Contractor—	S. J. Prunett, 9239 Walnut St.		
	Also garage, \$350.		
Architect—	Bruce Barnard, 8800 E. 14th St.		\$5500
DWELLING			
(1221)	W. DURANT AVE., 50 S BREED AVE., OAKLAND.	One-story 5-room dwelling.	
Owner—	Ruth Cornick, 1113 Versailles Ave., Alameda.		
Contractor—	J. Ralph Pierce, 3942 Woodruff Ave.		
Architect—	Not Given.		\$3500
DWELLING			
(1222)	10426 VOLTAIRE AVENUE, OAKLAND.	One-story 5-room dwelling.	
Owner & Builder—	J. Rude, 4112 Redding St.		
	Also 1-story garage, \$200.		
Architect—	Not Given.		\$3000
SERVICE STATION			
(1223)	2901 SAN PABLO AVENUE, OAKLAND.	One-story steel service station.	
Owner & Builder—	Standard Oil Co. of Calif., 1201 Financial Center Bldg.		
	1-story steel lift bldg., \$1700.		
Architect—	Not Given.		\$3000
DWELLING			
(1224)	568 WESLEY AVE., OAKLAND.	One-story 6-room dwelling.	
Owner & Builder—	Ridgway Woodburn, 2600 La Cuesta.		
Architect—	Not Given.		\$5000
ADDITIONS			
(1225)	1437 ADA, BERKELEY.	Additions.	
Owner—	John Sconfienza, Prem.		
Contractor—	A. V. Dutra, 3237-A California St.		
Architect—	Not Given.		\$2000
DWELLING			
(1226)	3300 PARTRIDGE, OAKLAND.	One-story 5-room dwelling.	
Owner & Builder—	Frank R. Hill, 3215 Fruitvale.		
Architect—	Not Given.		\$3500
DWELLING			
(1227)	4571 REINHARDT DRIVE, OAKLAND.	One-story 6-room dwelling.	
Owner & Builder—	Frank R. Hill,		

3215 Fruitvale.
Architect—Not Given. \$4500

ALTERATIONS, ETC.
(1228) 1378 64TH AVE., OAKLAND.
Alterations and additions.
Owner—E. Rocha, Premises.
Contractor—I. A. Farringer, 1806
Central Ave., Alameda.
Architect—Not Given. \$1500

DWELLING
(1229) 1251 BRIGHTON, ALBANY.
One-story 6-room frame dwell-
ing.
Owner & Builder—C. M. MacGregor,
1391 Solano.
Architect—Not Given. \$3300

DWELLING
(1230) 1253 BRIGHTON, ALBANY.
One-story 5-room frame dwell-
ing.
Owner & Builder—C. M. MacGregor,
1391 Solano.
Architect—Not Given. \$3000

DWELLING
(1231) 756 PIERCE, ALBANY. One-
story 5-room frame dwelling.
Owner & Builder—Ruth McNitt, 644
Oak St., San Francisco.
Architect—Not Given. \$2750

(1232) 63 ALAMO, BERKELEY. 1-
story 5-room frame dwelling and
garage.
Owner—W. L. Moore, 4010 Hopkins
St., Oakland.
Contractor—J. S. Wiggins, 1 West-
wood Ct., Oakland.
Architect—R. A. Hutchison, 3433 An-
dover St., Oakland. \$5800

(1233) 1810 89TH AVE., OAKLAND.
Alterations.
Owner—Earl E. Davis, Prem.
Contractor—F. J. Leonardo, 1456 86th
Ave.
Architect—Not Given. \$1500

DWELLING
(1234) 2936 FRYE ST., OAKLAND.
One-story 5-room dwelling.
Owner—H. E. Fellows, 2012 38th Ave.
Contractor—L. S. Legris, 3307 Bona
St.
Also 1-story garage, \$200.
Architect—Not Given. \$3500

DWELLING
(1235) 5757 MORAGA RD., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—Cora C. Magruder, 77 Linda
Ave.
Contractor—U. F. Hamblin, 77 Linda
Ave.
Architect—Not Given. \$4000

DWELLING
(1236) 5701 HARBORD DR., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—Cora C. Magruder, 77 Linda
Ave.
Contractor—U. F. Hamblin, 77 Linda
Ave.
Architect—Not Given. \$4400

DWELLING
(1237) 5711 HARBORD DR., OAK-
LAND. One-story 6-room dwell-
ing.
Owner—Cora C. Magruder, 77 Linda
Ave.
Contractor—U. F. Hamblin, 77 Linda
Ave.
Architect—Not Given. \$4500

DWELLING
(1238) 7027 HEMLOCK ST., OAK-
LAND. Two-story 5-room dwell-
ing.
Owner—Gordon Rahlfs, 1260 60th St.
Contractor—Fred Taten, 5237 Miles
Ave.
Architect—W. A. Doctor. \$6,000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
311	McCarthy	Aetna	4050
312	McCarthy	Aetna	3950
313	Johnson	Anderson	5000
314	New England	Dunn	250.00
315	P T & T	Dinwiddie	9110
316	Johnson	Anderson	5000
317	R C Archbishop	Miller	5909

DWELLING
(311) NE STAPLES AND EDNA.
One-story and basement frame
dwelling.
Owner—McCarthy Co., 333 Kearny.
Contractor—Will Duerner, Jr., as
Aetna Constr. Co., 1730 24th Ave.
Filed May 19, '38. Dated Apr. 5, '38
Frame up—25%.
Brown plastered—25%.
Completion—25%.
Usual 35 days—25%.
TOTAL COST, \$4,050.00
Limit, 90 days. Plans and specifica-
tions filed.

DWELLING
(312) E. 16TH AVE., 250 S. OF
VICENTE ST. One-story and
basement dwelling.
Owner—Lawrence W. and Olga John-
son, 2125 Lincoln Way.
Architect—Chas. F. Strothoff, 2274
15th.
Contractor—Adolph Anderson, 230
Hazelwood Ave.
Filed May 19, '38. Dated May 18, '38
Ready for roof.....\$1250
Brown coat.....1250
Completion.....1250
Usual 35 days.....1250
TOTAL COST, \$5,000.00
Limit, 75 days. Plans and specifica-
tions filed.

DWELLINGS (4)
(313) E. EDNA, 25-50-75-100 N OF
STAPLES AVE. Four one-story
and basement frame dwellings.
Owner—The McCarthy Co., 333 Kear-
ny St.
Contractor—Will Duerner, as Aetna
Constr. Co., 1730 24th Ave.
Filed May 19, '38. Dated Apr. 5, '38
Frame up—25%.
Brown plaster—25%.
Completion—25%.
Usual 35 days—25%.
TOTAL COST, \$3,950 ea.
Limit, 90 days each. Plans and spec-
ifications filed.

ALTERATIONS
(314) 761 MARKET ST. Alter bldg.
Owner—New England Mutual Life
Ins. Co. (Norris, Beggs & Simp-
son, agents).
Architect—Not Given.
Contractor—Louis C. Dunn, Inc., 651
Market Street.
Filed, May 24, '38. Dated, May 2, '38.
Every 36 days.....90%
36 days after.....10%
TOTAL COST, \$25,000
Bond, \$25,000. Sureties, Massachu-
setts Bonding & Ins. Co. Specifica-
tions filed.

ADDITION
(315) 74 OTIS ST. Addition to tele-
phone building.
Owner—The P. T. & T. Co., 414 Bush
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210
Crocker Building.
Filed, May 24, '38. Dated, May 11, '38.
Upon completion.....75%
40 days after completion.....25%
TOTAL COST, \$9,140
Bond, \$9,140. Sureties Pacific In-
demnity Co. Plans and spec. filed.

DWELLING
(316) E 16TH AVE. 250 S Vicente St.
One-story and basement frame
dwelling.
Owner—Lawrence W. and Olga John-
son, 2125 Lincoln Way.
Architect—Chas. F. Strothoff, 2274
Fifteenth Street.
Contractor—Adolph Anderson, 230
Hazelwood Avenue.
Filed, May 25, '38. Dated May 24, '38.
Ready for roof.....\$1250.00
Brown coat.....1250.00
Completion.....1250.00
Usual 35 days.....1250.00
TOTAL COST, \$5,000.00
Limit, 75 days. Plans and specifica-
tions filed.

ALTERATIONS
(317) SW DIAMOND and 18th Sts.
Alter church.
Owner—The R. C. Archbishop of San
Francisco, 1100 Franklin Street.
Architect—John J. Foley, 770 Fifth
Avenue.
Contractor—Miller Const. Co., 3917
Mission Street.
Filed, May 25, '38. Dated, May 19, '38.
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, \$5,969.00
Bond, \$5,969. Sureties, Accident Ins.
Co. Plans and Spec. filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
186	Sutfin	Williams	6637
187	Gartrell	Lynn	6461
188	Graham	Parsons	1330

RESIDENCE
(186) P/TN LOT 2 BLK 56, Summit
Drive Park, Oakland. Residence.
Owner—Mr. and Mrs. J. H. Sutfin,
1544 Court St., Alameda.
Architect—Geo. P. Simonds, 80 Main
St., Hayward.
Contractor—Parsons and Williams,
2262 80th Ave., Oakland.

Filed, May 20, '38. Dated, May 19, '38
5th day after roof complete...\$1660
5th day after brown coated.....1660
5th day after completion.....1650
Usual 35 days.....1667
TOTAL COST, \$6,637.00
Limit, 80 days. Plans and specifica-
tions filed.

RESIDENCE
(187) LOT 18, PACIFIC HARBOR
DR., CLAREMONT CIRCLE,
OAKLAND. Residence.
Owner—Thorold and Phyllis Gar-
trel.
Architect—Floyd B. Comstock, 5827
Patton St., Oakland.

Contractor—Willis F. Lynn, 1037
Ashmount Ave., Oakland.
Filed May 23, '38. Dated May 20, '38
Frame up.....\$1615.25
Plastered.....1615.25
Completion.....1615.25
Usual 35 days.....1615.25
TOTAL COST, \$6,461.00
Limit, Sept. 1, 1938. Plans and spec-
ifications filed.

ADDITION
(188) 3321 RANDOLPH AVE., OAK-
LAND. Addition.
Owner—Lucy Graham, Mrs. Agnes
Nightingale.
Contractor—Geo. P. Parsons, 4333
Townsend Ave.
Filed May 25, '38. Dated Feb. 7, '38
Excav. done, floor joists in.....\$250
Roof on.....250
Plastered.....280
Completion.....300
Usual 35 days.....250
TOTAL COST, \$1,330.00
Limit, 40 days.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO, 1154 California.
Alterations to 2nd and 3rd floors of apartment house.
Owner—Whittell Realty Company, 166 Geary Street.
Architect—G. A. Dailey, 210 Post St.
Contractor—A. F. Mattock Co., 212 Clara Street.

Being Done By Day's Work
APARTMENTS Cost, \$.....
BURLINGAME, San Mateo Co., Cal.
Three-story frame and stucco apartment building (ten 3-room apts.) shingle roof, wood sash, tile baths and showers, hardwood floors, etc.)
Owner and Builder—Lengfeld and Olund, Ltd., 220 3rd Ave., San Mateo.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contract Awarded
ALTER APTS. Cost, \$20,000
SAN FRANCISCO, SE Turk and Gough Streets.
Alter apartment house.
Owner—Edward Rolkin, 136 McAllister Street.
Architect—Not Given.
Contractor—J. J. Irwin, 1040 Oak St. 1

Preparing Preliminary Plans
APARTMENTS Cost, \$.....
SAN MATEO, San Mateo Co., Calif.
Two-story frame and stucco apartment house.
Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Avenue, Burlingame.
Preliminary plans will be completed and working drawings started in about one week.

3—CHURCHES

Contract Awarded
CHURCH Cost, \$39,276
OAKLAND, Alameda Co., Cal. Hudson and Main Streets.
New church building to seat 250 persons (oak pews, organ, Sunday school classrooms).
Owner—Golden Gate Rockridge United Brethren in Christ.
Architect—H. H. Weeks, 593 Market St., San Francisco.
Contractor—Ben F. Knpf, 845 Pacific Ave., Alameda.

Contract Awarded
ALTERATIONS Cost, \$.....
CARMEL, Monterey Co., Calif.
Alterations to church.

Owner—Christian Science Church.
Architect—Guy O. Koepp, P. O. Box 644, Carmel.
Contractor—A. C. Stoney, Box 324, Carmel.

Bids Opened
CHURCH Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
80 South Fifth Street.

New edifice to replace church recently destroyed by fire.
Owner—First Christian Church.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
Low Bidder—W. E. Reese, Rt. 1, Box 433-D, \$29,100.

Complete bids follow:
W. B. Reese.....\$29,100
Bert Ward & Son.....29,438
Carl N. Swason Co.....29,489
Nielsen & Erbentraut.....30,800
Bridges Const. Co.....31,346
George I. Thorp.....31,500
E. Nommensen.....31,740
K. F. Bonham & Sons.....35,359
Heating system was not included in the work.

4—FACTORIES & WAREHOUSES

Sub Contract Awarded
PLANT Cost, \$110,000
SAN FRANCISCO, E. Howard St., 109 ft. N. of 13th St.
Class B milk plant.
Owner—Marin Dairymen's Milk Co., Ltd., 1683 Howard St.
Architect—Harry A. Thomsen, successor to George W. Kelham, 315 Montgomery St.

Engineer—W. Adrian, 417 Market St.
Contractor—Barrett & Hilp, 918 Harrison St.

Reinforcing Steel—Gilmore Steel & Supply Co., Inc., 825 Folsom St.

5—FLATS

Preparing Plans
FLATS Cost, \$10,000
SAN FRANCISCO, Sunset District.
Two-story frame and brick building to contain ten flats.
Owner—Withheld.
Architect—C. O. Clausen, 746 46th Avenue.

7—FEDERAL BUILDINGS

BIDS WANTED
SAN FRANCISCO.—Until June 8, 11 A. M., bids will be received by the War Department, Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of thirty-three portable demountable buildings, 20x80-ft. each, to be used as educational buildings for various CCC camps within the Ninth Corps Area, and seven portable demountable buildings for erection at CCC Camp F-104, Medford, Oregon.

Plans and specifications may be obtained from the above office upon deposit of \$10 certified check, payable to Quartermaster, Ninth Corps Area.

CONTRACTS AWARDED
SILVER LAKE and PALMDALE, Los Angeles Co., Cal.—R. J. Kingstrom, 2557 Brinker Ave., Ogden, Utah, at \$10,576 (Items 1 and 2), and Ed.

Green, 3031 St. George St., Los Angeles, at \$12,560.90 (Items 3 and 4), were awarded contracts by the Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for Adcock Tower antenna and radio facility buildings at Silver Lake and Palmdale. Prop. No. 29077.

BIDS WANTED

LOS ANGELES, Calif.—Until July 12, 1:30 P. M. (as previously reported) bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for construction of female domiciliary barrack building No. 220 at Veterans' Administration Facility, Los Angeles.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, slate stair treads, marble work, terrazzo, floor and wall tile, compressed asphalt tile, waterproofing, iron and steel work, steel stairs, steel shelving, tile roofing, metal studs, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside services, and such other items as shown or specified.

Separate bids will be received for (1) general construction, including plumbing, heating, and electrical work; (2) electric elevator; all as set forth on Bid Form.

Drawings and specifications may be obtained from the above office or from the Supervising superintendent of Construction, Veterans' Administration Facility, Palo Alto.

CONTRACT AWARDED

NEEDLES, Santa Ana and Indio, Calif.—M. H. Golden, Bank of America Bldg., San Diego at \$14,844 (all items) was awarded contract by the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for Antenna System and Radio Facility building at Needles, San Bernardino Co.; Santa Ana, Orange County, and Indio, Riverside County. Prop. No. 29072.

BIDS OPENED

ALCATRAZ, Calif.—Following bids received by Bureau of Prisons, U. S. Penitentiary, Alcatraz, for erection of fire escapes from exterior of certain designated openings on Building No. 64; and removal of certain old doors and windows and installation of new ones on first and second floors, and the building of concrete spandrel walls under certain windows and leveling of cement floors adjacent to windows to match office floor level in Administration Bldg. No. 68; Spec. No. 59.

Adam Mangs & Son, 4008 18th St., San Francisco: (1a) \$459 (1b) \$337.50 (1c) \$1,421 (1d) \$612 (2abc) \$2,188 (2abd) \$1,394 (3) \$130 (4) \$3,070 (5) \$3,205 (6) \$419 (6a) \$246.

Feter Sartorio, 369 Pine St., San Francisco, (1a) \$588 (1b) \$708 (1c) \$1,280 (1d) \$920 (2abc) \$3,156 (2abd) \$2,226 (3) \$162 (4) \$4,237 (5) \$448 (6) \$780 (6a) \$170.

Albert A. Mangs & Associates, 666 Mission St., San Francisco, (1a) \$697 (1b) \$681 (1c) \$1,594 (1d) \$978 (2abc) \$2,844 (2abd) \$2,466 (3) \$134 (4) \$3,276 (5) \$3,120 (6) \$327 (6a) \$246.

Fred J. Early, Jr., 469 Pine Street, San Francisco, (1a) \$589 (1b) \$725 (1c) \$1,332 (1d) \$932 (2abc) \$2,942 (2abd) \$2,468 (3) \$100 (4) \$3,408 (5) \$3,524 (6) \$436 (6a) \$220.

CONTRACT AWARDED

TULARE CO., Cal.—Eser Wilholm, Hawthorne, awarded contract on Item 5 (migratory camp only, exclusive of labor homes), by the U. S. Dept. of Agriculture, Farm Service Administration, Washington, D. C., for construction of the Tulare Unit of the California Migratory Labor Camps Project, in Tulare Co., Cal.

CONTRACT AWARDED

SACRAMENTO, Cal.—M. R. Carpenter, 907 Front St., Sacramento, at \$12,128 awarded contract by the Constructing Quartermaster, Sacramento Air Depot, for installation of refrigeration system for clothing and photo paper storage rooms in Depot Supply Building.

Sub Contracts Awarded

POST OFFICE Cont. Pr., \$50,500
AUBURN, Placer Co., Cal.
New U. S. Post Office.
Owner—U. S. Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Contractor—Lembke Const. Co., Albuquerque, N. M.

Plumbing and Heating—Roy Anderson, Auburn, Cal.

Electric Wiring—Adams Elec. Shop, 730 Lincoln Way, Auburn.

Iron & Grille Work—Usona Mfg. Co., St. Louis.

Lumber—Auburn Lumber Co., Auburn.

Bids Wanted—To Close June 30

REPAIRS HANGAR Cost, \$463,664
HICKAM FIELD, T. H.
Construction of A. C. Repairs Hangar.
Owner—U. S. Government (Capt. H. E. Nurse, Constructing QM.).
Plans prepared by the Office of the QM General, Construction Division, Washington, D. C.

CONTRACT AWARDED

STANISLAUS CO., Cal.—Communication Engineering Industries, Seattle, Wash., at \$6,990 (Items 1 and 2) awarded contract by the Chief of Division of Purchases and Sales, U. S. Department of Commerce, Washington, D. C., for loop antenna system and radio facility building in Stanislaus County, near Modesto.

BIDS WANTED

RIVERSIDE, Riverside Co., Calif.—Until June 10, 2 P. M., bids will be received by the Chief, Division of Purchase, Sales & Traffic, U. S. Department of Agriculture, Washington, D. C., for the construction of a headhouse, 2 air-conditioned greenhouses and a machinery pit at the U. S. Regional Salinity Laboratory, Rubidoux Heights, Riverside. Plans and specifications (USDA No. 2602) may be had on application to O. C. Magistad, director of the laboratory at Riverside. The plant will consist of a two-story head building, 28x100-ft. in area, with reinf. concrete walls and floors, wood roof construction, the roofing, linoleum floor covering, stud and plaster partitions, interior tile work, steel sash, gas-tight lines. There will also be two greenhouses, each 32x100 ft. in area, of semi-steel frame construction with provision for air conditioning, and a reinforced concrete machinery pit, 100x17-ft. in area and 9 ft. deep, with metal skylights and fire doors. Work also includes excavation and tile drains. Cost of the buildings is estimated at \$60,000. Equipment, including air conditioning, will be let under separate contracts. Plans were prepared by Ruhmau & Saunders, Kenneth M. Saunders, architect, 3484 Jackson St., Riverside. 7 (147)

COMPLETE BIDS

RED BLUFF, Calif., and PORTLAND, Ore.—Henry L. Grohne, Decatur, Ill., at \$10,728, submitted low bid to the Division of Purchases and Sales, Dept. of Commerce, Washington, D. C., on first and second items for loop antenna system and radio facility buildings at Red Bluff, Tehama County, Calif., and Roy E. Smith, Portland, Ore., at \$10,477, submitted low bid on third and fourth items at Portland, Ore. Pro. 29131.

Complete bids were:
Henry L. Grohne, Decatur, Ill.—(Item 1) \$7,380, (Item 2) \$3,348.60, (Items 1 and 2) \$10,728.60, (Item 3) \$8,796.25, (Item 4) \$3,348.60, (Items 3 and 4) \$12,144.85.
Wm. C. Schmitt, Portland, Ore.—(1) \$7210, (2) \$3875, (1 & 2) \$11,085, (3) \$7407, (4) \$3605, (3 & 4) \$11,012.

*Wickes Engrg. & Constr. Co., Des Moines, Iowa—(1) \$7609, (2) \$3484.40, (1 & 2) \$11,093.40, (3) \$9757, (4) \$3,607.40, (3 & 4) \$12,064.40.

West Coast Constr. Co., Seattle, Wash.—(1) \$5202.25, (2) \$3345.73, (1 & 2) \$11,547.98, (3) \$10,050.10, (4) \$3,345.73, (3 & 4) \$13,395.83.

Dixie Elec. Constr. Co., M. R. Thomas, Baker, Ore.—(1) \$7364, (2) \$4262, (1 & 2) \$11,626.

Harry L. Shaw, Red Bluff, Calif.—(1) \$8541.20, (2) \$3483.50, (1 & 2) \$12,024.70.

George Isackson Co., Portland, Ore.—(1) \$5396.50, (2) \$3842.80, (1 & 2) \$12,239.30, (3) \$6598.75, (4) \$3381, (3 & 4) \$11,979.75.

Fritz Ziebarth, Long Beach, Calif.—(1) \$8550, (2) \$3822, (1 & 2) \$12,331, (3) \$10,209, (4) \$3822, (3 & 4) \$14,031.

Robt. H. Travers, Los Angeles, Cal.—(1) \$8333.50, (2) \$4129, (1 & 2) \$12,482.50, (3) \$9951.50, (4) \$4029, (3 & 4) \$13,980.50.

Roy E. Smith, Portland, Ore.—(3) \$7131.50, (4) \$3345.50, (3 & 4) \$10,477. Contracting Sales Co., Inc., Portland, Ore.—(3) \$6929.75, (4) \$3788.20, (3 & 4) \$10,717.95.

King & Co., Vancouver, Wash.—(3) \$7274.55, (4) \$3710.60, (3 & 4) \$10,985.15.

Items 1 and 2, Red Bluff, Calif.; 3 and 4, Portland, Ore.

* Will deduct \$200.80 from bid if given Items 1, 2, 3 and 4.

BIDS WANTED

FORT MASON, Cal.—Until June 1, 10 a.m., bids will be received by the War Dept., Office of the Port Quartermaster, Fort Mason, for installing four new steel rolling doors on old portion of Pier Shed No. 2 (Bldg. No. 47), Fort Mason, Cal.

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Cal.—Until June 14, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens at the U. S. Post Office at Watsonville. 7

BIDS WANTED

PEARL HARBOR, T. H.—Until May 25, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for additions to Bachelor Officers' Quarters, Fleet Air Base, Pearl Harbor; Spec. 8714. Est. cost, \$65,000.

Work consists of wood frame additions to the wings, complete. 7 (146)

BIDS WANTED

LOS ANGELES, Calif.—Until July 12 bids will be received by the Supervising Supt. of Const., Veterans' Administration Facility, Los Angeles, for construction of Female Dormitory Barracks Bldg. at Veterans Administration Facility, Los Angeles.

BIDS OPENED

SAN DIEGO, Cal.—M. H. Golden, Bank of America Bldg., San Diego, at \$12,052 (Items 1 and 2), submitted low bid to the U. S. Dept. of Commerce, Division of Purchases and Sales, Washington, D. C., for erection of steel tower antenna system and radio facility building at San Diego. Complete bids follow:

	Items 1 & 2
M. H. Golden, San Diego	\$12,052.50
v. H. Dennis, San Diego	12,320.50
H. L. Grohne, Decatur, Ill.	14,317.60
R. H. Travers, Los Angeles	14,451.00
Wickes Engr. & Const. Co., Des Moines, Iowa	15,692.00

BIDS WANTED

BREMERTON, Wash.—Until June 14, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. P. O. at Bremerton, Wash. Specifications may be obtained from the above office and from the Custodian of the Building. 7

BIDS WANTED

MARSHFIELD, Ore.—Until June 8, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous repairs at the U. S. P. O. at Marshfield. Specifications obtainable from the above office and from the Custodian of the building at Marshfield.

BIDS WANTED

SAN FRANCISCO.—Bids are now being received by the Custodian, U. S. P. O. and Courthouse, San Francisco, for renewing downspouts at the postoffice. 7

BIDS WANTED

MARTINEZ, Contra Costa Co., Cal.—Bids are now being received by the Custodian for lawn sprinkler system at the U. S. P. O. at Martinez. 7

BIDS WANTED

SAN FRANCISCO.—Until June 2, 2 p.m., as previously reported, bids will be received by the Custodian of the Building, for renewing downspouts at the U. S. Post Office and Courthouse, Mission and Seventh Sts., San Francisco.

BIDS OPENED

WHIPPLE, Ariz.—King Machine & Mfg. Co., 1171 E 32nd St., Los Angeles, at \$9,209 submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for passenger elevator in Main Building No. 107, at Whipple.

Complete bids were:

King Machine & Mfg. Co., Los Angeles	\$9,209
Montgomery Elev. Co., Moline, Illinois	9,994
Otis Elevator Co., Washington, D. C.	10,540
Kimball Brothers Co., Council Bluffs, Iowa	11,672
Haughton Elev. Co., Washington, D. C.	12,470
S. Heller Elevator Co., Milwaukee, Wis.	13,473

Bids Wanted—To Close June 30, 1:30 P. M.

REPAIR HANGARS Cost, \$463,664
HICKAM FIELD, T. H.
Construction and completion of the Air Corps Repair Hangars; Bids No. 397-38-35.
Owner—U. S. Govt. (Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H.).
Plans prepared by the Office of the QM General, Constr. Division, Washington, D. C.

Bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, until 1:30 p.m., P.S.T., June 30, or by the Purchasing and Contracting Officer, Hickam Field, T. H., until 11 a.m., H.S.T., June 30.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Ft. Mason, San Francisco, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H.

CONTRACT AWARDED

ANCORTES, Wash.—Daado Equip. Co., 1103 4th Ave., Seattle, at \$399.00 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters, at the U.S.P.O. at Ancortes. 7

9—HOSPITALS

Low Bidder
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 3700 California.
Alterations to Children's Hospital, involving steel work, concrete, tile and terrazzo, heating, and elevator.

Owner—Children's Hospital.
Architect—Masten & Hurd, 442 Post Street.

Low Bidder—Empire Contr. Co., Ltd., 428 Russ Bldg.
Bids held under advisement.

CONTRACT AWARDED

PASADENA, Cal.—R. Westcott Co., 1831 N. Main St., Los Angeles, awarded contract at \$41,682 for a children's building and a glazed passage and new physiotherapy building to be built on the site of the Huntington Memorial Hospital (formerly the Pasadena Hospital) on Congress Street, Pasadena. Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles, are the architects for the hospital. 9

Contracts Awarded

FEMALE CUSTODIAL BLDGS.
IMOLA, Napa Co., Cal. Napa State Hospital.

Erection and completion of Female Custodial buildings comprising a group of six buildings having a total combined floor area of approximately 125,000 sq. ft. The buildings are one- and two-story, with hollow tile partitions, steel sash and shingle tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate contracts awarded as follows:

General Work

James I. Barnes Constr. Co., Santa Monica—\$490,000.

Electric Work

Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco—\$21,400.

Plumbing Work

The Miller Hays Co., 742 E. Weber Ave., Stockton—\$57,520.

Heating and Ventilating

Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., S. F.—\$46,640.

Sub-Contracts Awarded

HOSPITAL, Cont. Pt., \$85,200
WATSONVILLE, Santa Cruz Co., Cal.
Alvarado, Monte Vista and Brewington Streets.

One- story reinforced concrete and frame hospital bldg. (123 rooms),

wards and private patient rooms, soundproof nursery and delivery rooms, waiting room, superintendent's and business offices, consultation and examination rooms, surgery, solarium, 2 sun porches, nurses' quarters and living room, kitchens, dining rooms, lighting and fire alarm systems, switch-board, etc.

Owner—Watsonville Hospital Board of Directors (Dr. Frank E. Blaisdell, Secretary).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Contractor—Victor A. Kaufenberg, Hotel St. Mark, 12th and Franklin Streets, Oakland.

Roofing—Central Supply Co., Kearny and Walker Streets.

Plumbing—Minoggio Brothers, 2316 Telegraph Ave., Oakland.

Electric Wiring—Kerr and Clifford, 4010 Foothill Blvd., Oakland.

Heating—W. A. Aschen, 3000 E 16th Street, Oakland.

Sheet Metal—Watsonville Sht. Mtl. Works, 625 Main Street.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Glass—East Bay Glass Co., 621 Sixth St., Oakland.

Steel Windows—Soule Steel Co., 1750 Army St., San Francisco.

Refrigeration—P. J. Freiermuth Co., 247 Main Street.

Structural Steel and Iron Grill Work—C. Frauneder Orn. Iron Works, 114 Wildwood Gardens, Oakland.

Brick, Stone and Hollow Tile—E. B. Hair, 912 Lincoln Street.

Grading—L. C. Karstedt, 627 Main St.

Foundations and Concrete—Rhodes & Picano, 122 Stanford St.

Lumber—Hammond Lbr. Co., Walker and Kearny Streets.

Mill Work—Oakland Planing Mills, Inc., 2nd and Washington Sts., Oakland.

Hardware—Marshall-Newell Supply Co., Spear and Mission Sts., San Francisco.

Painting—Charles F. Condart, Santa Cruz.

Lathing and Plastering—D. H. Perry, 520 W. Willow St., Stockton.

Linoleum—Linoleum Studio, 2061 Webster St., Oakland.

All of Watsonville unless otherwise noted.

Bids Opened

SMOKE STACK
YOUNTVILLE, Napa Co., Cal. Veterans' Home.

Erection and completion of a concrete smoke stack approx. 10 ft. square by 91 ft. 6 in. high, lined with fire brick. Work in addition to concrete stack comprises

furnishing and connecting new metal bracing to existing steel stacks and to new concrete stack; relocating existing pipe lines to permit installation of stack.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Low Bidder—Albert E. Mangs Associates, 666 Mission St., San Francisco.

Complete bids were:

Aht. E. Mangs Assoc., S. F.....\$10,895

Carl Sverdrup Co., San Jose 11,500

Fred J. Eary, Jo., S. F..... 13,268

C. L. Wold Const. Co., S. F..... 20,500

Bids Opened

I-AUNDRY ADDITION
STOCKTON, San Joaquin Co., Calif.
Stockton State Hospital.

Erection and completion of addition to laundry building, consisting of a one-story reinforced concrete addition to existing laundry with hollow tile partitions, steel windows, shingle tile and composition roof covering.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg.,

12th and N Sts., Sacramento.

Low Bidder—Moore & Roberts, 693 Mission St., San Francisco.

Separate bids were received as follows: (1) General work; (2) Electric work; (3) Mechanical work.

Complete bids follow:

General Work

Moore & Roberts, S. F.....\$51,137

Lawrence Const. Co., Sacto..... 51,657

Villadsen Bros., Oakland..... 53,600

E. A. Hawkins & Co., S. F..... 57,120

Arthur Pinner, Jr., L. A..... 58,268

Electric Wiring

Eddy Elec. & Mech. Co.,
309 E. Weber Ave.,
Stockton..... 7,500

Collins Elec., Stockton.....7913.21

Geo. F. Brayer, S. F..... 9,011

Mechanical Work

Scott Co., 243 Minna St., S. F. 16,587

A. D. Ray, Stockton..... 16,971

Pac. Heat. & Vent. Co.,
Oakland..... 17,675

Miller Hays Co., Stockton..... 17,859

Oscar H. Vetter, Stockton..... 18,200

10—HOTELS

10. Segregated Contracts Awarded
COCKTAIL LOUNGE Cost, \$.....
SAN FRANCISCO, 853 Gary Street.

Installation of new cocktail lounge in the Hotel Stewart.

Owner—Hotel Stewart, c/o Architect.
Architect—Hertzka and Knowles, 369 Pine Street.

Ventilating—Carrier Air Conditioning Co., 952 Mission Street.

Plumbing—Scott Co., Inc., 243 Minna. Rubber Tile and Carpet—D. N. & E. Walter & Co., Inc., 562 Mission.

Previous contracts awarded published May 6, 1938.

13—PUBLIC BUILDINGS

FIRE HOUSES & JAILS

BIDS WANTED

GRASS VALLEY, Nevada Co., Cal. --Until June 1, 10 a.m., bids will be received by the Board of Supervisors of the County of Nevada, R. N. McCormack, Clerk, for repairs to roof trusses in the Vets' Memorial Building in Grass Valley.

Plans on file in the office of the County Clerk at Nevada City, Cal. 13

Plans Approved
CHECKING STA. Cost, \$20,000
EUREKA, Humboldt Co., Calif. 4th and Myrtle Avenues.

New highway patrol and tourist checking station.
Owner—State of California.
Architect—Not Given.

Work is expected to start in a short time.

BIDS OPENED

SAN FRANCISCO.—Wester Asbestos Co., 675 Townsend St., at \$168, submitted low bid to the Department of Public Works, Room 251, City Hall for furnishing and installing acoustolotex on ceiling of Radio ear room of the Gough School.

Only other bid submitted by Robt. & L. Cramer Co. at \$177.70. 13

Contract Awarded

ALTERATIONS Cost, \$.....
WOODLAND, Yolo Co., Calif.
Repair and repaint terra cotta on exterior of courthouse.

Owner—City of Woodland.
Architect—Dragnn & Schmidts, 2068 Allston Way, Berkeley.

Contractor—White & Gloor, 448 Mo-nadnock Bldg., San Francisco.

BIDS WANTED

ALAMEDA CO., Cal.—Until June 14, 10:30 a.m., bids will be received by the Alameda County Board of Supervisors, County Clerk, Court House, Oakland, for installation of central heating plant at the Arroyo Del Valle Sanitarium, Alameda Co.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable if bid submitted.

To Ask Funds

FIRE HOUSES

REDDING, Shasta Co., Calif. Cost, \$.....

Two fire houses and furnishing two fire engines, fire hose, fire alarm system and other apparatus.

Owner—City of Redding, W. Wright, City Clerk.

Bonds in the amount of \$80,000 were recently voted and application for PWA grant for 45% of cost is now being made by Masten & Hurd, architects, 442 Post St., San Francisco.

BIDS WANTED

SAN FRANCISCO.—Until June 1, 1:45 P. M., informal bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for installation of acoustical treatment of the Grand Jury Room, 457 City Hall.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall. * 13

BIDS WANTED

SAN FRANCISCO.—Until June 8, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for installation of window cleaners' safety equipment on the windows of the City Hall. Estimated cost, \$1,750.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall. * 13

Contract Awarded

ELECTRIC FIXTURES

Cont. Pr., \$6,050
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Electrical fixtures, Air Terminal Building; Contract No. 185.
Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St.
Contractor—Abbett Electric Co., 126 Sears St., San Francisco.

Contract Awarded

YERBA BUENA SHOALS. Site of WEST END WALL Cont. Pr., \$6,930 the 1939 World's Fair.
West End Wall, West Hangar; Contract No. 192.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Bids Wanted—To Close June 6,

5:00 P. M.
FIRE HOUSE Est. Cost, \$20,000
LARKSPUR, Marin Co., Cal.

Two-story frame fire house to contain garage for fire apparatus, chief's office and jail on the 1st floor, and living quarters for chief, dormitory and recreation rooms on second floor.

Owner—Town of Larkspur.
Architect—S. Heiman, 605 Market St., San Francisco.

Bids will be received from Marin County contractors only.

Plans and specifications are on file at the architect's office and may

be obtained at the office of the City Clerk, City Hall, upon deposit of \$10.

BIDS WANTED

SUNNYVALE, Santa Clara Co., Cal.—Until June 6, 8 p.m., bids will be received by the City of Sunnyvale, Ida Trubschenck, City Clerk, for moving and reconstructing one dwelling, together with fences, etc., at 129 S. Mathilda Ave., in the City of Sunnyvale.

Plans and specifications may be obtained at the office of the City Engineer, 505 Bay View Ave., Sunnyvale, or from the City Clerk at her office in the City Hall, upon deposit of \$2.00; one-half returnable.

BIDS WANTED

NEVADA CITY, Nevada Co., Cal.—Until June 1, 2 p.m., bids will be received by the Board of Supervisors of Nevada County, R. N. McCormack, Clerk, at the Court House Building in Nevada City, Calif., for erection of a Connecting Corridor Addition to the Present Nevada Co. Hospital Buildings.

Plans and specifications may be obtained from the office of the Clerk, upon deposit of \$10, returnable, and may be seen in the office of the Architect, George C. Seltou, California State Life Bldg., Sacramento.

Cash, cashier's or certified check, payable to the Clerk, in the sum of 10% of bid must accompany bid.

Sub-Contracts Awarded

EXHIBIT BLDG. Cont. Pr., \$419,600
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of buildings in North Square Court at Yerba Buena Shoals; Contractor No. 143 (work involves extensions to Palaces 12 to 14 and Palaces 15 and 16, Ferry Entrance Towers, walls and arches, pylon, steps and cascades).

Owner—San Francisco Bay Exposition, Inc. (W. L. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Mill Work—Pacific Mfg. Co., Santa Clara.

Roofing—Malott and Peterson, 2412 Harrison Street.

Reinforcing Steel—Ceco Steel Prod. Corp., 1280 Indiana Street.

Plumbing and Ventilating—Jas. A. Nelson, Inc., 1375 Howard St.

Sheet Metal—Guilfoyle Cornice Works, 1234 Howard Street.

Miscellaneous Iron—Moore Drydock Co., foot of Adeline St., Oakland.

Concrete—John Cassaretto, 345 Berry Street.

All of San Francisco unless otherwise noted.

Sub-Contracts Awarded

PRODUCTS TERMINAL BLDG.

Contract Price, \$155,990

SAN FRANCISCO. Berry Street between Third and Embarcadero.

Construction of two-story, reinforced concrete, separate addition in back of present building, to be constructed on foundations already laid. Approx. 48,000 sq. ft. floor area each floor. Electrical work included in contract. Bids for elevator, steel rolling doors, etc., to be asked later.

Owner—State of California (Board of Harbor Commissioners) Ferry Building.

Engineer—Frank G. White, Ferry Building.

Contractor—F. C. Amoroso & Sons, NE Cor. Keith and Wallace Sts.

Roofing—Jack Johnson Roofing Co., 3365 Army Street.

Plumbing—O'Mara & Stewart, Ltd., 218 Clara Street.

Electric Wiring—Central Electric Co., 179 Minna Street.

Glass—W. P. Fuller Co., 301 Mission.

Iron Grille Work—Star Ornamental Iron Works, 227 Bay Street.

Lumber—H. S. Thomson, 1775 Mission Street.

Painting—W. G. Thompson, 336 Church Street.

Concrete—Readymix Concrete Co., Ltd., Carolina and Mariposa.

Reinf. Steel and Steel Sash—Soule Steel Co., 1750 Army St.

Commissioned To Prepare Plans

LIVESTOCK PAVILION & BARN

Est. Cost, \$300,000

YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.

Livestock Pavilion with coliseum to seat 8,500, and barns for 600 horses.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Pflueger, Supervising Architect; Samuel Heiman, Consulting Architect.)

Bids Opened

EXHIBIT BLDGS. Cost, \$.....

YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.

Shasta-Cascade Bldg., to hold exhibits from Tehama, Lassen, Modoc, Siskiyou, Trinity and Shasta Cos., Calif., and Lake, Columbus and Jackson Cos., Ore. (1-story and mezzanine circular structure, containing approx. 10,000 sq. ft.)

Mission Trails Bldg., to hold exhibits from Santa Barbara, San Luis Obispo, Monterey, Santa Cruz, San Benito and San Mateo Cos., wood frame structure, containing approx. 18,000 sq. ft.)

Alameda-Contra Costa Bldg., to hold exhibits from Alameda and Contra Costa Counties; wood frame structure containing approx. 16,000 sq. ft.)

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Pflueger, Supervising Architect; Consulting Architects: Otto A. Deichmann (Shasta-Cascade Building); Harold A. Edmondson and Robt. Stanton (Mission Trails Bldg.); Morrow and Morrow (Alameda-Contra Costa Bldg.)

Low Bidder—Guy F. Atkinson Co., 662 Russ Bldg., S. F., \$124,142.

Complete bids follow:

Guy F. Atkinson Co.....	\$124,142
Barrett & Hilp.....	\$133,337
C. L. Wolf Const. Co., Ltd.....	134,288
Clinton Construction Co.....	138,050
George A. Fuller Co.....	146,000

Contract Awarded

WATERPROOFING Cont. Pr., \$2,666

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Waterproofing work in South Gardens, South Court, and East Long Court; Contract No. 188.

Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St., San Francisco.

Contractor—Alta Roofing Co., 976 Indiana St., San Francisco.

Contract Awarded
WAREHOUSE Cont. Pr. \$27,450
YERBA BUENA SHOALS. Site of
 the 1939 World's Fair.
 Construction of warehouse; Contract
 No. 161.
 Owner—S. F. Bay Expos., Inc. (L. W.
 Cutler, Pres.), 565 Bush St.
 Plans by S. F. Bay Expos. Architectural
 Commission, 565 Bush St.,
 San Francisco.
 Contractor—Clinton Constr. Co., 923
 Folsom St., San Francisco.

Two-story frame and stucco resi-
 dence (hardwood floors, tile baths,
 wood sash, gas hot air heating
 system).
 Owner—Withheld.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.
 Plans are being figured by a se-
 lected list of contractors.

Plans Being Figured—Bids Close
 June 6, 11 A. M.

RESIDENCE Cost, \$5,000
OAKMORE, Alameda Co., Calif.
 Two-story frame residence (6 rms.,
 2 baths) plaster board interior,
 gas heating, tile baths, etc.
 Owner—Withheld.
 Architect—Marshall Dean and John
 Hudspeith; Marshall Dean, Archi-
 tect, 2104 Addison St., Berkeley.
 Partial list of selected contractors
 figuring plans follows:
 H. G. Patrick, 1052 Nielson Street,
 Berkeley.
 Wiley T. Vaughn, 103 Bayo Vista,
 Oakland.
 George Duncan, 2523 78th Avenue,
 Oakland.

Contract Awarded
ALTERATIONS Cost, \$5,000
SAN MATEO PARK, San Mateo Co.
 Alterations to residence.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard
 Avenue, Burlingame.
 Contractor—Richard P. Minor, 1444
 Burlingame Ave., Burlingame.

Completing Plans
RESIDENCE Cost, \$5,000
OAKLAND, Alameda Co., Calif.
 One-story California ranch house (5
 rooms), stucco, rustic and brick
 veneer, furnace pit with water-
 proof concrete floor, oil furnace,
 plaster, Redwood masonite, celo-
 tex, temlock, linoleum baths and
 kitchen, pressed wood wainscot-
 ing in bath, shingle roof, brick
 terraces and walks, wood sash,
 oak floors throughout.
 Owner—Mrs. L. P. Larsen.
 Plans by C. J. Parsons, 1428 Frank-
 lin St., Oakland.
 Contractor—Dodds & Chambers, 1428
 Franklin St., Oakland.
 Plans will be completed May 27,
 when sub bids on all portions of the
 work will be received by the con-
 tractors until June 10.

Preparing Plans
RESIDENCE Cost, \$6,000
SANTA CRUZ, Calif.
 One-story frame and stucco resi-
 dence (5 rooms), double garage,
 hardwood floors, tile baths, wood
 sash, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333
 Kearny St., San Francisco.

Preparing Plans
RESIDENCE Cost, \$5,000
MILLBRAE HIGHLANDS, San Ma-
 teo Co. Taylor Blvd., bet. Mat-
 nolia and Poplar.
 Two-story frame residence (7 rooms,
 2 baths), hardwood floors, tile
 baths, etc.
 Owner—F. Whelan, c/o Archt.
 Architect—C. O. Clausen, 746 46th
 Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, \$5,000
HILLSBOROUGH, San Mateo Co.,
 Cal.
 Two-story frame and shingle resi-
 dence (10 rooms), hardwood flrs.,
 tile baths, shingle roof, wood
 sash, etc.
 Owner—L. Bradley.
 Architect—Hervey P. Clark, 210 Post
 St., San Francisco.
 Contractor—James V. K. Dowsett,
 462 Russ Bldg., San Francisco.

Preparing Plans
RESIDENCE Cost, \$5,000
ALAMEDA, Calif. Hawthorne St.
 One-story residence (5 rooms), ele-
 vated bedrooms, two-car garage,
 brick veneer, stucco and Redwood
 exterior, canvas decks, Oak flrs.,
 gas heating system, 30-gal. wa-
 ter heater, shingle roof, steel
 sash, plaster, celotex, temlock,
 masonite and Redwood interiors,
 brick terraces and walks.
 Owner—Mrs. Ferrario.
 Plans by F. J. Parsons, 1428 Frank-
 lin St., Oakland.
 Contractor—Dodds & Chambers, 1428
 Franklin St., Oakland.

Plans will be completed about June
 3, when sub bids will be received by
 the contractors.

Sub-Bids Wanted
RESIDENCE Cost, \$5,000
BERKELEY, Alameda County, Cal.
 Shasta Road.
 One-story studio type residence (six
 rooms), steel sash, Redwood rus-
 tic exterior, shake roof, tile baths,
 hot air heating system, etc.
 Owner—Charles Bowman.
 Architect—Edwin L. Snyder, 2104
 Addison Street, Berkeley.
 Contractor—Randolph F. Parks, 2104
 Addison Street, Berkeley.

The contractor desires sub-bids on
 all portions of the work except the
 following, which sub-contracts have
 been awarded:

Roofing—Frank Primrose, 4518 Grove
 Street.
 Plumbing—J. A. Fazio, 2059 Webster
 Street.
 Tile Work—The Rigney Tile Co., 3012
 Harrison Street.
 Mill Work—General Mill and Lumber
 Co., 1600 34th Street.
 Hardware—B. Simon Hardware Co.,
 808 Broadway.
 Concrete—Ensor Buel, 1295 Hearst.

Bids Opened
RESIDENCE
SAN JOSE, Santa Clara Co., Cal.
 Two-story frame and wood siding
 residence (six rooms), hardwood
 floors, linoleum drainboards, tile
 shower floors, shingle roof, gas
 furnace, wood sash, etc.
 Owner—Howard L. Shannon, c/o Arch-
 tect.
 Architect—Higgins & Root (Chester
 Root, Architect), Security Bldg.,
 San Jose.

Low Bidder—Frank Nevis, 891 Har-
 rison St., Santa Clara—\$6,988.15.
 Other bids were:
 M. W. Reese.....\$7044
 G. M. Latta.....7388
 Bert Ward & Son.....7691
 Geo. L. Honore.....7868
 All of San Jose.

Bids Opened
RESIDENCE
SACRAMENTO, Calif. Sierra Oaks
 Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect.
 Architect—Herbert Goodpastor, Mil-
 tau Bldg., Sacramento.
 Low Bidder—C. E. DeCulr, Sacra-
 mento—\$7,290.

Other bids were:
 N. H. Lung.....\$7475
 Capital Constr. Co.....7505
 Lindgren & Swinerton, Inc.....7678
 L. L. Watson.....7688

To Be Done By Day's Work.
RESIDENCE Est. Cost, \$6,000
SIERRA VISTA, Sacramento Co. Cal.
 One-story frame, stucco and brick
 residence (wood studs, oak floors
 shingle roof, oil burning hot air
 heating system, knotty pine in-
 terior).
 Owner—Ernest Aeppli, c/o Architect.
 Architect—Frederick S. Harrison, 824
 J St., Sacramento.

14— RESIDENCE

Low Bidder
RESIDENCE
LOS GATOS, Santa Clara Co., Cal.
 One-story frame and stucco resi-
 dence (five rooms), shake roof,
 hardwood floors, tile baths, wood
 sash, etc.
 Owner—Mr. Dennis, c/o Architect.
 Architect—Edward W. Kress, 516 1st
 National Bank Bldg., San Jose.
 Low Bidder—J. C. Wells, 85 39th St.,
 San Mateo—\$4,850.

Plans Completed
RESIDENCE Cost, \$7,500
MILLBRAE, San Mateo Co., Cal.
 Two-story frame residence (seven
 rooms, 2 baths), hardwood flrs.,
 wood sash, tile baths, etc.
 Owner & Builder—H. Christensen,
 1801 19th Ave., San Francisco.
 Architect—C. O. Clausen, 746 46th
 Ave., San Francisco.

Preparing Plans
RESIDENCE Cost, \$6,000
SAN JOSE, Santa Clara Co., Cal.
 One-story frame residence.
 Owner—Dominic Barbera, c/o Archt.
 Architect—Edward W. Kress, 516 1st
 National Bank Bldg.

Bids In—Held Under Advertisment
RESIDENCE Cost, \$5,000
SAN MATEO, San Mateo Co., Calif.
 Two-story frame and stucco resi-
 dence (7 rooms, 3 baths), compo-
 sition shingle roof, warm air gas
 fired heating system, hardwood
 floors, tiled baths, wood sash, etc.
 Owner—Walter Schulken, c/o Archt.
 Architect—Erie J. Osborne, 25 Kearny
 St., San Francisco.

Preparing Sketches
RESIDENCE Est. Cost, \$15,000
SAN FRANCISCO. Mount David-
 son.
 Two-story frame residence (7 rms.,
 2 baths), two-car garage.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333
 Kearny St.

Under Construction
RESIDENCE Est. Cost, \$6,000
SAN LEANDRO, Alameda Co., Cal.
 One-story frame and stucco resi-
 dence (5 rooms), hardwood floors,
 tile bath, shingle roof, central
 heating system.
 Owner—Withheld.
 Architect and Supt. of Constr.—E. R.
 de Chenne, 361 17th St., Oakland.
 Construction being done by day's
 work.

Preparing Plans
RESIDENCE Est. Cost, \$3,500
SAN MATEO, San Mateo Co., Calif.
 Baywood Knolls.
 Two-story frame and stucco resi-
 dence (6 rooms, 2 baths) hard-
 wood floors, tile baths, shake
 roof, etc.
 Owner—Withheld.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.

Plans Being Figured
RESIDENCE Est. Cost, \$13,500
BURLINGAME, San Mateo Co., Cal.
 Ralston Avenue.

Preparing Plans
RESIDENCES Cost, \$8000 each
SAN FRANCISCO. Francisco Hgts.
 Addition.

Two two-story frame and stucco residence (6 rooms each) hardwood floors, tile baths, wood sash, gas fired hot air heating system, etc.
 Owner—Lloyd E. Ham, 105 Montgomery Street.
 Architect—Albert H. Larsen, 333 Kearny Street.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO. SW Normandie Terrace and Vallejo Sts.

Two-story and basement frame and stucco residence with penthouse (5 bedrooms, 5 baths), tile kitchens and bathrooms, wood paneling, canvas walls, hardwood floors, steam heating system, dumbwaiter, etc.
 Owner—Mrs. Rose Naify.
 Architect—John H. Ahnden, 822 39th Ave.

Engineer—L. H. Nishkian, Underwood Bldg.

Contractor—Salih Bros., 25 Taylor St., San Francisco.

Reinforcing Steel—Truscon Steel Co., 604 Mission St.

Lumber—Smith Lumber Co., 4th and Channel Sts.

Structural Steel—Schrader Iron Wks, Inc., 1247 Harrison St.

Contract Awarded
RESIDENCE Est. Cost, \$5,600
WOODLAKE, Sacramento Co., Cal.
 One-story frame and cement stucco residence (5 rooms), wood studs, hot air gas fired heating system, knotty pine and stucco interior, garage.

Owner—Waldo Telfer, c/o Archt.
 Architect—Frederick S. Harrison, 824 J St., Sacramento.

Contractor—J. F. Butts, 1312 Del Paso Blvd., Sacramento.

Low Bidder
RESIDENCE Est. Cost, \$16,000
OAKLAND, Alameda Co., Cal.
 Two-story frame and stucco residence; hardwood floors, tile baths, etc.

Owner—Withheld.
 Architect—Chester Treichel, 696 Cleveland St., Oakland.

Low Bidder—Mark Bristol, 1038 McKinley Ave., Oakland.

Preparing Plans
RESIDENCE Cost, \$11,500
GARDEN VILLAGE, San Mateo Co., Calif.

One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, etc.

Owner & Builder—Paul A. Wolter, Jr., 90 Ravenwood Dr., San Francisco.

Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Plans Being Figured
RESIDENCE Cost, \$.....
MARIN COUNTY. Del Mesa Tract.

Two-story frame residence (10 rms.) cement plaster exterior, composition roof, gas heating, hardwood floors.

Owner—Mr. Bowman, c/o Architect.
 Architect—Gardner A. Dailey, 210 Post St., San Francisco.

Following selected contractors are figuring plans:
 A. F. Mattock Co., 212 Clara St., San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

Leibert & Trobeck, Albert Bldg., San Rafael.

Plans Completed
REMODEL RESIDENCE Cost, \$.....
SAN FRANCISCO. Steiner St. and Pacific Ave.

Remodel residence (work includes hardwood floors, gas heating, new plumbing, concrete garages, composition roofing).

Owner—Withheld.
 Architect—Gardner A. Dailey, 210 Post Street.

Contractor—A. F. Mattock & Co., 212 Clara Street.

Contract Awarded
RESIDENCE Cost, \$11,000
BERKELEY, Calif. Thousand Oaks, Alameda and Yosemite.

Two-story frame and brick veneer Colonial style residence (hardwood floors, tile baths, wood sash).

Owner—Kenneth Evans.
 Architect—Dragon & Schmits, 2068 Allston Way, Berkeley.

Contractor—C. M. Teigland, 524 49th St., Oakland.

Contract Awarded
RESIDENCE Cost, \$.....
WOODSIDE, San Mateo Co., Calif.
 Two-story frame residence (4 bedrooms, 4 baths), servants' quarters.

Owner—Alexander Donald, c/o Arch. Architect—W. W. Wurster, 260 California St., San Francisco.

Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto. (3169) 1st rep. May 4; 2nd May 11

Preparing Plans
RESIDENCE Cost, \$.....
MONTEREY COUNTY, Cal. Monterey Bay Golf & Country Club.

One-story frame residence (hardwood floors, tile bath, wood sash)

Owner—J. W. Kane, c/o Architect.
 Architect—Edw. W. Kress, 516 First National Bank Bldg., San Jose.

Preparing Plans
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. Minnesota Street.

One-story frame and stucco residence
 Owner—W. H. Crawford, c/o Arch. Architect—Edw. W. Kress, 516 First National Bank Bldg., San Jose.

Preparing Sketches
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.

One-story frame residence (eight rooms, 3 baths).

Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Avenue, Burlingame.

Contract Awarded
RESIDENCE Est. Cost, \$8,500
SACRAMENTO, Calif.

Two-story frame residence.
 Owner—Mr. Eckland, c/o Architect.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
ORINDA, Alameda Co., Cal.

One-story frame residence (5 rms.), shingle roof.

Owner—Mrs. J. Anderson.
 Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.

Contractor—Herbert P. Atkinson, Orinda.

Concrete—A. A. Johnson, Berkeley.
 Lumber—Smith Lumber Co., 19th Ave. and Estuary, Oakland.

Mill Work—Oakland Planing Mills, Inc., 2nd and Washington Sts., Oakland.
 Plastering—C. Stratton, Oakland.
 Linoleum—Walker Havens, 180 Grand Ave., Oakland.

Sub-Contracts Awarded
RESIDENCE Est. Cost, \$15,752
SAN FRANCISCO. Lot 32 Blk 2837, Forest Hill Court, Sotelo Ave.

Two-story and hasegment frame residence.

Owner—Sarah G. Cook.
 Architect—John Davis Young, 2002 California Street.

Contractor—John Casey and Son, 666 Mission Street.

Roofing—Alta Roofing Co., 976 Indiana Street.

Plumbing—Scott Co., Inc., 243 Minna Electric Wiring—M. Schimitschek, 526 Hayes Street.

Heating and Sheet Metal—Colon and Leoni Htg. Co., 1060 Folsom St.

Tile Work—Sunset Tile Co., 2093 15th Glass—Hlovius Glass Co., 4861 Mission Street.

Hardwood Floors—Golden Gate Hw. Floor Co., 737 Lisbon Street.

Iron Grille Work—Sunset Iron Wks, 964 Harrison Street.

Brick and Stone Work—W. Heidenrick, 129 Shotwell Street.

Lumber—Smith Lumber Co., Fourth and Channel Streets.

Mill Work—J. A. Hart Mill & Lbr. Co., Jerrold and Napoleon Sts.

Painting—W. Erikson, 356 Lisbon St. Lathing and Plastering—A. Graffagnino—West Coast Linoleum and Carpet Stores, 2703 Mission St.

Bids Opened
RESIDENCE Cost, \$.....
SANTA CLARA CO., Cal. Near San Jose.

Two-story frame residence with garage (6 rooms) hardwood floors, tile baths, wood sash, etc.

Owner—C. A. Kaneen, c/o Architect.
 Architect—Higgins & Root (Chester Root, Architect), Security Bldg. San Jose.

Low Bidder—Frank Nevis, 891 Harrison St., Santa Clara, \$6,930.

Other bids were:
 Bert Ward & Son.....\$7,737
 E. A. Hathaway.....7,890
 A. R. Calvelly.....8,100
 M. W. Reese.....8,250
 V. J. Sunzeri.....8,673

Contract Awarded
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.
 Two-story frame and stucco residence (nine rooms) shingle roof, hardwood floors, etc.

Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.

Completing Plans
RESIDENCES (4) Cost, \$.....
SAN FRANCISCO. Richmond District.

Four frame and stucco residences; hardwood floors, tile baths, wood sash, etc.

Owner & Builder—L. Costello, 382 27th Ave.
 Architect—C. O. Clausen, 746 46th Ave.

Work Started
RESIDENCE Cost, \$8,000
VISALIA, Tulare Co., Calif.

Two-story frame and stucco residence (hardwood floors, tile baths, etc.)

Owner—Mrs. F. S. Wrinch, 115 Goshen Ave., Visalia.
 Architect—David Horn, Rowell Bldg., Fresno.

Contractor—Sterling Smith, 605 So. Locust, Visalia.

Contract Awarded
FLATS Est. Cost, \$12,600
SACRAMENTO, Cal. 1406 O St.
 Two-story frame and stucco residence (4 flats); shingle roof, oil

burning furnace, linoleum, tile and oak floors, wood studs.
Owner—Ivan Couch, c/o Archt.
Architect—Frederick S. Harrison, 824 J St., Sacramento.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Contract Awarded
RESIDENCE Cost, \$.....
MARIN CO., Cal.
One-story frame residence.
Owner—Withheld.
Architect—Mario Corbett, 72 3rd Ave., San Mateo.
Contractor—William Yeo, Kent Ave., Kentfield.

15—SCHOOLS

BIDS WANTED

RENO, Nev.—Until June 7, 8 P. M., bids will be received by the Reno School District No. 10, Chester A. Paterson, Clerk at Reno Senior High School on West and Fifth Sts., Reno, for construction of the following:

- Heating, ventilating equipment in Reno school buildings;
- For acoustic ceiling Study Hall Senior High School.
- For alterations and additions to electric wiring systems, Reno school buildings.
- And for other work included in the specifications.

Plans and specifications obtainable from Superintendent of Schools, Reno Senior High School Bldg., Reno, Nevada, upon deposit of \$25, returnable.

Bids Opening Date Postponed

ADDITIONS Cost, \$.....
SALINAS, Monterey County, Calif.
First unit of addition of classrooms and gymnasium dressing rooms to the Junior College and addition of cafeteria and horticultural classroom to agricultural building at the high school.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bid opening date for the first unit, (consisting of offices and five classrooms, and estimated at \$30,000) scheduled for May 25, 7:30 P. M., has been postponed at least 60 days, while the school board is making application for a P.W.A. grant.

CONTRACT AWARDED

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa, Los Angeles, awarded contract by the Claremont City School District, at \$52,995, for a 7-classroom building to be built at 8th and Harvard Sts., Claremont. Contract awarded on basis of normal bid plus Items 1, 3 and 5, with an option on Item 4. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. 15

Bids Rejected

GYMNASIUM Cost, \$.....
LAKEPORT, Lake County, Calif.
One-story frame gymnasium at Clear Lake High School (composition roof, maple floors; no plumbing work).

Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.

All bids received recently have been rejected, at which time E. E. Marshall, Lakeport, submitted low bid at \$12,550.

Plans will be revised for a larger building at an approximately cost of

\$30,000 and application will be made for a PWA grant to aid in financing.

Taking Segregated Bids

GYMNASIUM Cost, \$.....
HAYWARD, Alameda Co., Cal.
One- and part two-story frame and stucco girls' gymnasium and health center at the Hayward High School.

Owner—Hayward Union High School District.

Architect—H. C. Smith, 3867 Sacramento St., San Francisco.

Supt. of Constr.—J. J. Thorup, c/o Hayward Union High School Building.

Mr. Thorup is now taking segregated bids.

Preparing Plans

ADDITION Est. Cost, \$18,000
SEBESTOPOL, Sonoma Co., Cal.
Addition to gymnasium; boys' shower, tennis courts, fences, lockers, etc., at Analy High Sch.

Owner—Analy Union High Sch. District.

Architect—John Easterly, Healdsburg and Santa Rosa.

Application will be made for PWA grant.

BIDS WANTED

SAN FRANCISCO—Until June 8, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for laying wood floors and maple thresholds and linoleum in the Hancock School (main bldg.), North Filbert St., bet. Jones and Taylor Sts., and in the Portola Jr. High School (old building), Bacon St., bet. Berlin and Girard Sts., and in Fremont School, N. McAllister St., bet. Baker and Broderick Sts. Est. costs: Hancock Sch., \$4250; Portola Jr. High Sch., \$1700; Fremont School, \$3250.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall.

Sub Contracts Awarded

SCHOOL BLDG. Cont. Pr., \$35,487
TERRA BELLA, Tulare Co., Cal.

One-story frame and stucco grammar school building (three classrooms and assembly hall), tile and composition roof, hardwood flooring, automatic electric hot water, slate blackboard, etc.

Owner—Terra Bella Grammar Sch. District.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Contractor—E. C. Freye, 500 Mill St., Porterville.

Roofing—O. W. McNay, 1669½ Chester St., Bakersfield.

Plumbing and Sheet Metal—W. H. Sewell, Box 1173, Porterville.

Electric Wiring—J. E. Pettijohn & Co., P.O. Box 141, Delano.

Hardwood Floors—Kohler, Porterville.

Mill Work—Madary Planing Mill, P.O. Box 622, Fresno.

Painting—L. E. Bddy Paint Co., 228 W. Putnam, Porterville.

Lathing and Plastering—W. M. Bishop, 1029 Mill St., Porterville.

Preparing Working Drawings

AUDITORIUM-GYM. Estimated Cost, \$48,000
SHAFTER, Kern Co., Calif.

Construction of auditorium-gymnasium at the high school.

Owner—Kern County Union High School District.

Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

Preparing Working Drawings

SCHOOL ADDN. Est. Cost, \$16,000
BUTTONWILLOW, Kern Co., Calif.
Two-classroom addition to grammar school.

Owner—Buttonwillow Union School District.

Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

Bids Opened

SCHOOL
LOYALTON, Sierra Co., Calif.

One-story frame school building (12 classrooms and assembly hall), concrete foundation, single roof.

Owner—Loyalton School District.

Architect—Clarence C. Cuff, 1315 Q St., Sacramento.

Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Low Bidder—H. W. Robertson, 3004 F St., Sacramento—\$57,689.

Complete bids were:

Chas. F. Unger, Sacramento.....\$59,348
Campbell Constr. Co., Sacto..... 59,786
Joe Dillard, Reno..... 69,987

Bids held under advisement.

Sub Contracts Awarded

SCHOOL Cost, \$.....
SAN FRANCISCO, S. Elizabeth St., 138 ft. E. of Diamond St. (St. Philipps Parochial School).

Three-story reinforced concrete Class B school building to contain nine classrooms and cafeteria.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.

Architect—M. J. Rist, Phelan Bldg., Structural Engineer—W. Adrian, 417 Market St.

Contractor—Barrett & Hilp, 918 Harrison St.

Lumber—Loop Lumber Co., Central Basin.

Mill Work—Herring & Nutting, 750 Florida St.

Concrete—Golden Gate Alas Materials Co., 16th and Harrison Sts.

Electric Wiring—Dowd-Seid Electric Co., 2118 Mission St.

Glass—W. P. Fuller & Co., 301 Mission St.

Finish Hardware—Palace Hardware Co., 581 Market St.

Patent Hardware—MacDonald Hardware Co., 963 Harrison St.

Plumbing and Heating—A. Ramazzotti, 1473 Vallejo St.

Linoleum—West Coast Linoleum & Carpet Stores, 2703 Mission St.

Asphalt Tile—D. E. Crowley Flooring Co., 123 Kansas St.

Brick Work—Wm. A. Rainey & Son, 323 Clementina St.

Sheet Metal—Morrison & Co., 74 DuBois St.

Steel Sash—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Streets.

Reinforcing Steel—Gilmore Steel & Supply Co., Inc., 825 Folsom St.

Misc. Iron—Anchor Post Fence Co., 460 5th St.

Tile Work—Sunset Tile Co., 2093 15th Street.

Blackboards—Rucker Fuller Co., 539 Market St.

Acoustical Work—Western Asbestos Co., 675 Townsend St.

Lockers—Munthe Equip. Co., 341 Howard St.

Toilet Partitions—Dwan & Co., 126 Post St.

Steel Forms—Steel Form Contracting Co., 666 Harrison St.

Bids Wanted—To Close June 2, 8:00 P. M.

JUNIOR COLLEGE. Est. Cost, \$55,000
MARYSVILLE, Yuba Co., Cal. 18th St., south end of Knight Park.

First unit of junior college plant consisting of one-story frame and stucco building to contain six

classrooms, assembly hall, property room, administration unit with principal's office and deans' offices, concrete boiler room, students' store.

Owner—Yuba County Junior College District (C. W. Burchell, Pres. Board of Trustees).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento. Plans and specifications on file with the Architect or with Mr. Pedro Osuna, Principal of the Marysville Union High School.

Bids Opened
LABORATORY Cost, \$.....
SAN FRANCISCO, Parnassus and Third Avenues.

Isolation laboratory to be erected on the Medical Center Campus of the University of California, San Francisco.

Owner—Regents of the University of California, Berkeley.

Plans by Engr. Dept. of Grounds & Bldgs. Dept., U. of C.
Low Bidder—Frank J. Reilly Co., 6350 Fulton St., San Francisco, \$10,931.

Complete bids follow:
Frank J. Reilly Co., S. F. \$10,931 (65 days)

Miller Const. Co., S. F. 10,997 (70 days)

De Luca & Son, Inc. 11,448 (180 days)

Adam Arras & Son 11,634 (90 days)

Albert E. Mangs Associates... 11,996 (90 days)

M. E. Vukicevich 12,429 (90 days)

Sibley Grading & Teaming Co. Ltd., S. F. 14,165 (120 days)

Bids Wanted To Close June 15th,
6:30 P. M.

HIGH SCHOOL Est. Cost, \$150,000
COALINGA, Fresno Co., Cal., Van Ness Ave. and Sunset Blvd.

Construction of the Junior High School and Administration Bldgs. Owner—Coalinga Union High School District, H. V. Dodd, Clerk.

Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.

Segregated bids will be received as follows: (a) general work; (b) general work, including plumbing, heating and electric work; (c) plumbing and heating; (d) electric work; (e) program clocks; (f) telephone system number two; (g) public address system.

Plans and specifications may be obtained at the architect's office upon deposit of \$25.

Bid must be accompanied by certified or cashier's check or bid bond for 10% of amount of bid, payable to the Clerk of the District. * 15

BIDS WANTED

SANTA BARBARA CO., Calif.—Until June 6, 7:30 p.m., bids will be received by the Carpenteria Elementary School District, Carpenteria, for two one-story buildings to be built in Carpenteria, a PWA project. One of the buildings will be 23x84 ft. in area and will contain 8 classrooms, kindergarten and administration units; the other will be 92x49 ft. in area and will contain cafeteria, assembly hall and library. Est. cost, \$109,000. Plans will be available at office of T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles, and at the office of the school district about May 24; no deposit. Bond for 5% to accompany bid. * 15

CONTRACT AWARDED

SAN FRANCISCO—Robert Garcia, 2045 University Ave., Palo Alto, at \$24,800 awarded contract by the Dept.

of Public Works, Room 251, City Hall, for sinking approximately four test holes, 10 ft. deep, on site of proposed auditorium for Portola Junior High School, Burrows and Girard Streets.

Preparing Working Drawings
AUDITORIUM-GYM.

Est. Cost, \$80,000
McFARLAND, Kern County, Calif. Construction of Auditorium-Gymnasium at the high school.

Owner—Kern County Un. High Sch. District.

Architect—Symmes & Willard, Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Bids Wanted—To Close June 15,
6:30 P. M.

HIGH SCHOOL Cost, \$.....
COALINGA, Fresno Co., Cal., Van Ness Ave. and Sunset Blvd.

Construction of the Junior High School and Administration Bldgs. and plumbing and mechanical work and electrical work in connection with same.

Owner—Coalinga Union High School District, H. V. Dodd, Clerk.

Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.

Plans and specifications may be obtained at the architect's office upon deposit of \$25.

Bid must be accompanied by certified or cashier's check or bid bond for 10% of amount of bid, payable to the Clerk of the District.

Bids Opened
SCHOOL ADDITION
PLACERVILLE, El Dorado Co., Cal.

One-story frame and stucco addition to grammar school.

Owner—Camino School District (Jno. B. Hughes (Secy.).

Architect—Jens C. Petersen, 812 26th St., Sacramento.

Low Bidder—John E. Branagh, 116 Monticello Ave., Piedmont—\$10,356.

Other bids were:
D. E. Morton, Placerville.....\$10,885
E. E. Marschall, Lakeport.....10,962
L. Ubels, Ripon.....11,000
Azevedo Constr. Co., Sacto.....11,367

Contract will probably be awarded Wednesday evening.

BIDS OPENED
PORTABLES

OAKLAND, Alameda Co., Cal. Lockwood School.

Construction of four portable classrooms.

Owner—Oakland School District.

Architect—W. G. Corlett, 2nd Ave. and E. 10th St., Oakland (School Administration Bldg.).

Low Bidder—D. W. Nicholson, 357 12th St., Oakland—\$5,061.

Complete bids were:
D. W. Nicholson.....\$5061
John F. Tulloch.....5593
Willis F. Lynn.....5821
N. H. Sjoberg & Son.....5912
James B. Petersen & Son.....6174
J. R. Armstrong.....6382
Geo. Swanstrom.....6592
D. Nordstrom & Co.....6999
Emil Person, Berkeley.....6699
Peter Sartorio, S. F.....7216
All of Oakland, unless otherwise noted.

Preparing Working Drawings.
SCHOOL BLDG. Est. Cost, \$75,000
MILL VALLEY, Marin Co., Calif.

Tamalpais Park School. Two-story eight-classroom and auditorium elementary school building—concrete construction first floor, frame and stucco second floor, tile roof.

Owner—Mill Valley School District.

Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Application made for PWA grant to assist in financing project, the total cost of which, including school equipment and furniture, will be approximately \$100,000.

LOW BIDDER

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa, Los Angeles, submitted low bid to Claremont City School District at approx. \$53,000, for a 7-classroom, frame and stucco bldg. to be built at 8th and Harvard Sts., Claremont. Marsh, Smith & Powell, architects, 508 Architects Bldg., Los Angeles. 15

BIDS OPENED
PORTABLES

OAKLAND, Alameda Co., Cal. Hawthorne School. Construction of seven portable classrooms.

Owner—Oakland School District.

Architect—W. G. Corlett, Second Avenue and E. 10th St., Oakland (School Administration Bldg.).

Low Bidder—D. W. Nicholson, 357 12th St., Oakland—\$10,262.

Complete bids were:
D. W. Nicholson.....\$10,262
John F. Tulloch.....10,746
Willis F. Lynn.....11,178
Jas. B. Petersen & Son.....11,319
N. H. Sjoberg & Son.....11,832
J. R. Armstrong.....11,990
Geo. Swanstrom.....12,234
D. Nordstrom & Co.....12,719
Emil Person, Berkeley.....12,820
Peter Sartorio, S. F.....12,932
Schuler & McDonald, Inc.....13,441
All of Oakland unless otherwise noted.

BIDS OPENED

SAN FRANCISCO—Robert Garcia 2045 University Ave., Palo Alto, at \$24,800 submitted low bid to Dept. of Public Works, Room 251, City Hall,

for sinking approximately four test holes, 10 feet deep, on site of proposed auditorium for Portola Junior High School, Burrows and Girard Streets.

Only other bid submitted by Wm. Allingham Co., at \$28,000.

16—BANKS, STORES AND OFFICES

May 26, 1938.
Plans Being Figured—Bids Close
Today, 2:00 P. M.

ALTER STORE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. South First St.

Alterations to store building. Owner—Stelling Leaseholders Corp.

Architect—Earle Bertz, 681 Market St., San Francisco.

Plans are being figured by a selected list of contractors.

Plans Completed
REMODEL BLDG. Cost, \$.....
OAKLAND, Alameda Co., Cal. 12th and Broadway.

Remodel the Borland Building.

Owner—Downtown Property Owners' Assn., Irving H. Kahn, Pres.

Architect—W. E. Milwain, 1503 Oakland Ave., Berkeley.

Supt. of Constr.—A. T. Beckett, 224 Scenic Ave., Oakland.

Work will start immediately.

Sub-Contracts Awarded
REMODEL STORE Cost, \$15,000
OAKLAND, Alameda Co., Cal. 17th and Broadway.

Remodel store building (new front, interior, etc.)

Owner—Albert S. Samuels Co., 17th and Broadway, Oakland.

Architect—Not Given.

Contractor—Jacks & Irvine, 620 Market St., San Francisco.
 Plumbing—The Scott Co., 113 Tenth St., Oakland.
 Electric Wiring—T. L. Rosenberg Co., 411 Webster St., Oakland.

Plans Being Figured
OFFICE BLDG. Cost, \$5,000
 TULARE, Tulare Co., Calif.
 One-story frame and stucco dentist and optometrist building (steel sash, composition roof, linoleum floors).

Owner—Dr. O. E. Finch, Tulare.
 Architect—David Horn, Rowell Bldg. Fresno.

Plans are being figured by local contractors only.

Contract Awarded
MEDICO BLDG. Cont. Pr., \$15,790
 SANTA ROSA, Sonoma Co., Calif.
 Tenth and B Streets.

Two-story frame and stucco medicodental building to contain four suites; wood sash.

Owner—Doctor R. E. Hamlin, Santa Rosa.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Contractor—Wm. D. Rapp, 1413 17th St., Santa Rosa.

Complete bids follow:
 Wm. D. Rapp \$15,790
 C. W. Hansen 16,473
 Karl Pettersen 16,598
 R. F. Knight 16,675
 C. L. Personett 16,955
 E. Ahlstrom 17,100

Contract Awarded
STORE BLDG.
 SAN FRANCISCO, NE 26th Avenue and Taraval Street.

One-story frame Safeway Store bldg.
 Owner—J. S. Ferry, c/o Architect.
 Architect—H. C. Baumann, 251 Kearny Street.

Contractor—M. E. Vukecivich, 666 Mission St.

17— THEATRES

Plans Being Figured
REMODEL THEATRE Cost, \$.....
 SAN FRANCISCO, Fourth and Market Streets.

Remodel lobby of California Theatre (new box office).

Owner—Fox West Coast Ag'cy Corp.
 Architect—A. A. Cantin, 64 Pine St.
 Plans are being figured by a selected list of contractors.

Contract Awarded
REMODEL THEATRE Cost, \$.....
 SAN FRANCISCO, 3297 Sacramento Street.

Remodel present Plaza Theater.
 Owner—Blumenthal Theatres, Inc., 25 Taylor Street.

Supt. of Const.—W. B. David.
 Contractor—Moore and Roberts, 693 Mission Street.

19—MISC. CONSTRUCTION

BIDS WANTED

YERBA BUENA SHOALS.—Until June 6, 3 P. M., bids will be received by the San Francisco Exposition Co., 555 Eush Street, San Francisco, under Contract No. 181 for lining of the lagoons on Yerba Buena Shoals.

Plans and specifications may be obtained from the above office.
 * 19

BIDS OPENED

LOS ANGELES, Calif.—Southwest Paving Co., Box D, Roscoe, at \$29,070 net, submitted low bid to the U. S. Engineer, Los Angeles, for furnishing 17,000 tons rock and oil plant-

mix and truck spreading at the site of work along L. A. River between Dayton Ave. and Mariposa St. Inv. No. 509.

Other bids were:
 Griffith Co., \$29,580; terms net.
 Geo. R. Curtis Paving Co., \$30,260; net.

Goode & Schroeder, \$31,535; net.
 Oswald Bros., \$33,150; net.
 P. J. Akmadzich, \$34,000; disc. 10% 20 days.

L. A. Paving Co., \$34,340; net.
 C. O. Sparks, \$35,360; net.
 Pacific Rock & Gravel Co., \$37,876; disc. 23c per ton.

Gibbons & Reed, \$38,250; net. * 19

Taking Segregated Bids

MORTUARY Cost, \$.....
 HAYWARD, Alameda Co., Cal.
 Construction of mortuary.

Owner—Sorensen Bros.
 Architect—H. C. Smith, 3667 Sacramento St., San Francisco.
 Supt. of Constr.—Clyde Schwartz, 8219 Castro Valley Blvd., Castro Valley.

Mr. Schwartz is now taking segregated bids.

BIDS WANTED

SAN GABRIEL DAM, Cal.—Until June 7, 2 p.m., bids will be received by the L. A. County Supervisors, Hall of Records, L. A., for a generator house, 22x22 ft. in area, and a water level recorder house, 15x15 ft., to be built at San Gabriel Dam No. 1. Plans and specifications may be obtained from the Chief Engineer, L. A. County Flood Control Dist., 751 S. Figueroa St., L. A., upon payment of \$2.50; not returnable. The buildings will have concrete walls and composition shingle roofing. Bids will be taken as follows:

(1) Generator house complete;
 (2) Water level recorder house;
 (3) Additional concrete;
 (4) Additional reinf. steel. 19

CONTRACT AWARDED

SAN FRANCISCO—Main Engrg. Co., 110 Hooper St., at \$160, awarded contract by the Dept. of Public Wks., Room 251, City Hall, for erecting new breeching and smoke stack of No. 10 steel plate for No. 2 dryer at the asphalt plant, Florida and Trent Ave.

Segregated Contracts Awarded

SWIMMING POOL & BATH HOUSE Cost, \$30,000
 HANFORD, Kings Co., Calif.

Reinforced concrete swimming pool (50x110-ft.) flood lights, dressing rooms and showers; (WPA Proj.)

Owner—City of Hanford.
 Architect—David Horn, Rowell Bldg., Fresno.

Link Fence—California Wire Cloth Corp., \$380.00.

Electric Work—LeCavalier Electric Shop, Hanford, \$1484.00.

Plumbing—Robert Craine, Hanford, \$2734.00.

Metal Sash—Healey and Popovich, Fresno, \$245.00.

PLANS BEING FIGURED

LOS ANGELES, Cal.—Metro-Goldwyn-Mayer Studios, 10,202 Washington Blvd., Culver City, are taking bids from a closed, selected list of contractors for special effects and process stage No. 30 to be built at the studios in Culver City for the company's special effects dept. It will cover an area of 240x136-ft. and will have a clear height under trusses of 50 ft.; structural steel frame, granite exterior, soundproofing consisting of laminations of hard and soft insulation boards, acoustical treatment of 2-in. rockwool, hardware cloth, composition roofing, grid

system, concrete floors, electrically controlled utility and pedestrian doors, hydraulic rams and floating basins for special process work, electric light and power wiring, sprinkler system, air conditioning system, process screens, mechanical elevating devices and electric traveling crane. The building will house a reinforced concrete water tank, 90x90-ft. in area and 10 ft. deep, with portable wood floor platform and structural steel standards. Est. cost \$250,000. Work will be done under the supervision of J. G. Mayer, studio manager; John M. Tobin, plant superintendent; Arthur McArthur, architect, and Cyril P. Hubert, structural engineer. The bids are to be submitted within 3 weeks. 19

CONTRACT AWARDED

TUCSON, Ariz.—Clinton Campbell, 1715 S. Fifth Ave., Phoenix, awarded contract by the University of Arizona, at \$34,893, for construction of an addition to the stadium on the school campus, a PWA project; 150x75 ft., and will have 34 tiers of seats to accommodate 3000 persons. Roy Place, architect, 11 E. Pennington St., Tucson. 19

BIDS WANTED

SAN FRANCISCO.—Until June 9, 2 p.m., bids will be received by the State of California, Board of Harbor Commissioners, Ferry Bldg., Frank G. White, Engineer, for one freight elevator, 34 steel rolling doors and two track aprons to be installed at the Products Terminal Bldg., Berry St., bet. Third St. and the Embarcadero.

Plans and specifications may be obtained at Room 18, Ferry Bldg., upon deposit of \$10, returnable.

Bids will be opened in the board room, Room 19, Ferry Bldg.

BIDS OPENED

SACRAMENTO, Cal.—Pacific Dry Dock & Repair Co., foot of 14th St., Oakland, at \$1,596.85 submitted low bid to the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-38-263, for drydocking, painting and repairing the U. S. Dredge Tender, "Rio Vista."

Complete bids follow:
 Pacific Dry Dock & Repair Co., Oakland \$1,596.85
 Colberg Boats Wks, Stockton 1,646.60
 Anderson & Cristofani, San Francisco 2,242.35
 General Engr. & Dry Dock Co., San Francisco 3,970.20
 Moore Dry Dock Co., Oakland 4,466.50
 * 19

BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Chicago Bridge & Iron Co. and Pittsburgh-Des Moines Steel Co. submitted only bids to the Kern County Union High School District for the erection of a 30,000-gal. water tank and an 80-ft. tower. The bids have been referred to the state architect for determination as to how an award will be made. Chas. H. Biggar, architect, 554 Haberfelde Bldg., Bakersfield. * 19

Completing Working Drawings
ADDITION Est. Cost, \$60,000
 BAKERSFIELD, Kern Co., Cal. Bakersfield Californian.

Two-story and basement reinforced concrete addition to the newspaper plant (brick veneer exterior).
 Owner—Bakersfield Californian.
 Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

BIDS WANTED

COLUMBIA COUNTY, Ore.—Until June 9, 3 P. M. (date postponed from June 3), bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-35-566, for construction of five pumping plants, complete and ready for operation, all situated in Columbia County, within a radius of 6 miles from the City of Clatskanie, Oregon. Work involves:

BEAVER DISTRICT

- (1) 241 c.y. canal excavation;
- (2) 456 c.y. common excavation;
- (3) 350 c.y. structure excavation;
- (4) 494 c.y. backfill;
- (5) 56 c.y. riprap;
- (6) 1,132 lf. treated round piling;
- (7) 38 MFMB treated lumber;
- (8) 35 c.y. reinf. concrete;
- (a) cement furnished by contr.;
- (9) 2 in. each, flap valves, 36-in. I.D.;
- (10) 34,900 lbs. pumping unit discharge pipe;
- (11) 2 pumping units and electrical control;
- (12) 1 pumping plant superstructure.

MAGRUDER DISTRICT

- (13) 155 c.y. canal excavation;
- (14) 266 c.y. common excavation;
- (15) 477 c.y. structure excavation;
- (16) 276 c.y. backfill;
- (17) 93 c.y. riprap;
- (18) 380 lf. treated round piling;
- (19) 17 MFMB treated lumber;
- (20) 17 c.y. reinf. concrete;
- (a) cement furnished by contr.;
- (21) 1 unit flap valve, 24-in. I.D.;
- (22) 9660 lbs. of pumping unit discharge pipe;
- (23) 1 pumping unit and electrical control;
- (24) 1 pumping plant superstructure.

MARSHLAND DISTRICT

- (25) 7 c.y. canal excavation;
- (26) 187 c.y. common excavation;
- (27) no structure excavation;
- (28) 152 c.y. backfill;
- (29) 15 c.y. riprap;
- (30) 602 lf. treated round piling;
- (31) 2,26 MFMB treated lumber;
- (32) 3 c.y. reinf. concrete;
- (a) cement furnished by contr.;
- (33) 1 unit automatic drainage gate, 30-in. O.D.;
- (34) 8,863 lbs. pumping unit discharge pipe;
- (35) 1 pumping unit and electrical control;
- (36) 1 pumping plant superstructure.

WEBB DISTRICT

- (37) 283 c.y. canal excavation;
- (38) 65 c.y. common excavation;
- (39) 11 c.y. struc. excavation;
- (40) 578 c.y. backfill;
- (41) 50 c.y. riprap;
- (42) 580 lf. treated round piling;
- (43) 18.5 MFMB treated lumber;
- (44) 17 c.y. reinf. concrete;
- (a) cement furnished by contr.;
- (45) 1 unit flap valve, 24-in. I.D.;
- (46) 8,540 lbs. of pumping unit discharge pipe;
- (47) one pumping unit and electrical control;
- (48) 1 pumping plant superstructure.

WESTLAND DISTRICT

- (49) 397 c.y. canal excavation;
- (50) 180 c.y. common excavation;
- (51) 284 c.y. struc. excavation;
- (52) 90 c.y. backfill;
- (53) 75 c.y. riprap;
- (54) 656 lf. treated round piling;
- (55) 22 MFMB treated lumber;
- (56) 20 c.y. reinf. concrete;
- (a) cement furnished by contr.;
- (57) 1 unit flap valve, 36-in. I.D.;
- (58) 19,120 lbs. pumping unit discharge pipe;
- (59) one pumping unit and electrical control;
- (60) 1 pumping plant superstructure.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

Items referring to cement being furnished by the Government have been deleted. * 19

BIDS REJECTED

PORTLAND, Ore.—The U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-382, rejected all bids for construction of one single screw diesel driven dredge tender, afloat at Government Moorings No. 8010 NW St. Helens Road, Portland, Ore., Lake Wash, Shipyards, Houghton, Wash., at \$127,900, submitted low bid. Bids will be readvertised shortly. * 19

Preparing Working Drawings

PAVILION Est. Cost, \$18,000
OAKLAND, Alameda Co., Calif.
 Two-story concrete and frame rustic type recreation pavilion (30x70). Owner—East Bay Regional Park Bld. Architect—Williams and Wastell, 337 17th St., Oakland.

Contract Awarded
ALTERATIONS Cont. Price, \$9,140
SAN FRANCISCO, 74 Otis Street. Interior remodeling of telephone bldg. Owner—Pacific Telephone and Telegraph Co., 444 Bush Street.
 Plans by Engr. Dept. of Owner.
 Contractor—Dinwiddie Const. Co., 210 Crocker Bldg. *

20— MISC. SUPPLIES AND MATERIALS

May 26, 1938.

BIDS OPENED

LOS ANGELES, Cal.—Bids for 400 8-in. struc. steel ribs, plus or minus 50 per cent, with appurtenant splice plates, base plates, bolts, and nuts, for support for 16-in. diam. tunnels, Spec. 251, opened by the Metropolitan Water District, were:
 Commercial Shearing & Stamping Co., c/o Western Pipe & Steel Co., (1) \$30.41, total \$12,164; f.o.b. Youngstown, Ohio; 1/2 of 1% 10 da.
 Bethlehem Steel Co. — (1) \$46.93; total \$18,772; f.o.b. 11,100 S. Central Ave., L. A.; no disc.
 Consolidated Steel Corp., Ltd. — (1) \$42,125, total \$16,850; f.o.b. 5700 S. Eastern Ave., L. A.; no disc. * 20

May 26, 1938

CONTRACT AWARDED

SAN FRANCISCO.—The Electrical Products Co., 918 Harrison Street, at \$44,199 awarded contract by Navy Purchasing Dept., Room 301, Federal Office Bldg., under Schedule 5582, for two 800-kw. alternators.
 (22) 1st report May 23; 2nd, May 25, 1938. *

May 26, 1938.

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-166, for furnishing misc. conduit pipe and fittings for Battery Davis, Fort Funston, San Francisco.
 Bids were:
 Crescent Elec. Supply Co., \$621.40; 5% 10th prox. delivery: Items 22-25, incl. 14 days; all others, 3 days.
 Westinghouse Electric Supply Co., \$622.16, 5% 10th prox.; delivery: 14 days.
 Graybar Elec. Co., \$616.17, 5% 10th prox.; delivery: 14 days maximum.
 United Pipe & Supply Co., \$650.99, 5% 10th prox.; delivery: items 1-8 incl. and 18-29 incl. 12 days; Items 9-17 incl., one day. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Bethlehem Steel Co., at \$3.90 per cwt., awarded contract by U. S. Engineer, Los Angeles, for steel sheet piling. Three identical bids received by U. S. En-

gineer, Los Angeles, for 1,800,000 lbs. steel sheet piling, delivered to job site; Inv. No. 541. Bidders were: Bethlehem Steel Co., Columbia Steel Co. and Inland Steel Co. All disc. 1/2 of 1%. If shipped on government bill of lading all bidders will allow commercial freight rate and will equalize. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-161, for 6000 MFMB Douglas fir lumber; f.o.b. U. S. Engineer Office, Battery Townsley, Fort Cronkhite, Marin Co.
 Bids were:
 Smith Lumber Co., \$168, 2% 10 days; 1 day del.
 Loop Lumber Co., \$175.20, 2% 30 days, 1 day del.
 Rolando Lumber Co., \$180, 2% 30 days, 1 day del. * 20

BIDS OPENED

SAN FRANCISCO.—The Electrical Products Co., 918 Harrison Street, at \$44,199 submitted low bid to Navy Purchasing Dept., Room 301, Federal Office Bldg., under Schedule 5582, for two 800-kw. alternators.
 Complete bids were:
 The Electrical Prod. Co., \$44,199
 Crocker-Wheeler Elec. Mfg. Co., \$50,058
 The Ideal Electric & Mfg. Co., \$5,511
 Westinghouse Elec. & Mfg. Co., \$5,391
 General Electric Co., \$6,722
 Fairbanks - Morse & Co., \$6,475
 Allis-Chalmers Mfg. Co., \$6,475

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-162, for furnishing (1) drain tile and (2) conduit for Fort Cronkhite, Marin Co.
 Bids were:
 Gladding, McBean & Co., S. F.: (1) \$92.10; 2% 30 days; 6 day del.
 Gladding Bros. Mfg. Co., (1) \$85.63; 2% 30 days; \$35.10 cash discount 10th prox.
 Westinghouse Elec. Supply Co., (2) \$97.81; 14 day del.
 Graybar Electric Co., (2) \$935.42; 5% 30 days; 14 day del.
 General Electric Supply Corp., (2) \$1,078.31; 5% 10th prox.; 10 day.
 United Pipe & Supply Co., (1) \$81.03; (2) \$1011.64; 2% 30 days; 5% 20 days on 6, 7, and 8.
 N. Clark & Sons, (1) \$92.10; 2% 30 days; 6 day del. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-155, for furnishing misc. construction supplies including tees, bushings, ells, C I pipe, gate valves, conduit pipe, and wire; f.o.b. Battery Davis, Fort Funston, San Francisco.
 Bids were:
 Crane Co., (1) \$231.41, 2% 30 days, 1 day del.
 Gilmore Steel Supply Co., Inc., (1) \$226.49, 2% 30 days, 1 day del.
 Baker-Hamilton & Pacific Co., (1) \$174.46, 2% 30 days, 1 day del.
 Marshall-Newell Supply Co., (3) \$116.10, 2% 30 days, 1 day del.
 Dunham, Carrigan & Hayden Co., (1) \$242.30, 2% 30 days, 1 to 3 days del.
 Richmond Sanitary Co., (1) \$215.30, 2% 30 days, 1 day deliv.
 General Machinery & Supply Co., (1) \$225.99, (3) \$116.30, 2% 30 days, 1 day del. * 20

BIDS WANTED

BERKELEY, Alameda Co., Cal.—Until June 7, 10 a. m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing emulsified asphalt.

Plans and specifications obtainable at above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until June 1, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1025, for furnishing 520 tons quick lime, 260 tons f. o. b. Oakland and 260 tons f. o. b. Valley Springs; and 20 tons hydrate lime.

Plans and specifications available at above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until June 1, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1026, for furnishing 600 tons aluminum sulphate.

Plans and specifications obtainable at above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until June 1, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1027, for furnishing 45 tons liquid chlorine, f. o. b. Valley Springs; and 40 tons f. o. b. District truck from contractor's plant.

Plans and specifications obtainable at above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until June 1, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1028, for furnishing (1) 250,000 cu. ft. oxygen gas, f. o. b. Oakland, and 5,000 cu. ft. f. o. b. Stockton; (2) 175,000 cu. ft. acetylene gas, f. o. b. Oakland, and 5,000 cu. ft. f. o. b. Stockton.

Plans and specifications available at above office. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1014, for furnishing 40,000 bs. joint compound.

The Atlas Mineral Products Co., San Francisco, \$1880 and \$2280 (lead mineral).

Hydraulic Dredging Co., Ltd., Oakland, \$2792 (hydro type). * 20

CONTRACTS AWARDED

OAKLAND, Cal.—Meyer & Wirthington, 392 Ninth St., Oakland, at \$1545.08, and P. E. O'Hair & Co., 945 Bryant St., San Francisco, at \$172.25 were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 1008, for furnishing approx. 8350 streamline fittings. * 20

BIDS WANTED

SACRAMENTO, Cal.—Until June 6, 5 p. m., bids will be received by the Board of Education of the Sacramento City Unified School District, School Administration Bldg., 21st and L. Sts., Sacramento, for furnishing fuel oil, mountain white oak and blockwood for the fiscal year ending June 30, 1939.

Plans and specifications may be obtained from the above office. * 20

CONTRACTS AWARDED

OAKLAND, Calif.—California Corrugated Culvert Co., Fifth and Parker Sts., Berkeley, at \$10,330 (Item 1); The Steel Tank and Pipe Co. of Calif., 1100 Fourth St., Berkeley, at \$51,816 (Item 2); and American Concrete & Steel Pipe Co., 19th and Estuary, Oakland, at \$13,444 (Items 3 and 4) were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS 213, for constructing and furnishing 18,600 lf. of electrical welded cement-lined steel pipe of 25- and 36-inch diameters, for the distribution system of the East Bay Municipal Utility District.

Bids were taken on:
(1) 5,000 ft. 25-inch;
(2) 13,600 ft. 36-inch;
(3) cement lining for Item 1;
(4) cement lining for Item 2. * 20

BIDS OPENED

OAKLAND, Calif.—U. S. Pipe and Foundry Co., Menadnock Bldg., San Francisco, at \$116,700 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Prop. No. LS-213, for furnishing 116,000 lf. of cast-iron water pipe.

Bids were taken on:
(1) 20,000 lf. 4-inch;
(2) 60,000 lf. 6-inch;
(3) 20,000 lf. 8-inch;
(4) 3,600 lf. 10-inch;
(5) 10,000 lf. 12-inch;
(6) 3,000 lf. 16-inch.

Total bids follow:

U. S. Pipe & Foundry Co., Menadnock Bldg., S. F., \$116,700.00.
American Cast Iron Pipe Co., San Francisco, \$117,480.00.
Florence Pipe Foundry & Machine Co., \$124,235.00.

Pacific States Cast Iron Pipe Co., San Francisco, submitted a bid of \$109,500 on Items 1, 3, 4 and 5. * 20

BIDS OPENED

OAKLAND, Cal.—James Jones Co., 201 LeRoy Ave., Los Angeles, at \$9,019.00 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 1014, for furnishing 7700 brass corporation stops and 10,400 curb stops.

Total bids follow:

James Jones Co., 201 LeRoy Ave., Los Angeles \$ 9,019.00
Mueller Brass Co., S. F. 9,375.00
American Brass and Copper Co., Oakland 11,448.00
A. P. Smith 17,900.00

CONTRACT AWARDED

SAN FRANCISCO—Smith Lumber Co., Fourth and Channel, San Francisco, at \$178.20, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-154, for furnishing Douglas fir lumber and plywood; f. o. b. U. S. Engineer Office, Battery Townsley, Fort Cronkhite, Marin Co., Cal.

Total bids follow:

Smith Lumber Co., 4th and Channel, San Francisco—\$178.20, 2% 10 days.

Loop Lumber Co., San Francisco—\$179, 2% 30 days.

Rolando Lumber Co., S. F.—\$221.59, 2% 30 days. * 20

CONTRACT AWARDED

SAN FRANCISCO—S. L. Abbott Jr. Co., 210 California St., San Francisco, at \$4,377.5, 2% 10 days, was awarded contract by the Purchaser

of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 2004, for furnishing 30 tons of copper sulphate for the San Francisco Water Department. * 20

CONTRACTS AWARDED

LOS ANGELES, Cal.—Consolidated Rock Prod., Arrow Rock Co., City Rock Co. and Pacific Rock & Gravel Co. (bidding jointly), at \$144,755.10, were awarded contract by U. S. Engineer, Los Angeles, for furnishing 93,150 tons coarse aggregates and sand, Invt. 520. * 20

CONTRACT AWARDED

SAN FRANCISCO—Havisdie Co. 56 Steuart St., San Francisco, at \$464.20, 2% 30 days, was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-38-156, for 2,300 feet of wire rope; fob U. S. Engineer Office, Battery Townsley, Fort Cronkhite, Marin Co. Award was made by drawing lots.

Following submitted identical bids with Havisdie Company at \$164.20, 2% 30 days:

American Chain & Cable Co., Fred E. Barnett Co.; A. Leschen & Sons Rope Co.; John A. Roebing's Sons Co.; Wickwire Spencer Co.; Harron, Rickard & McCone Co.; Gilmore Steel & Supply Co., Inc.; Wire Rope Corp. of America, Inc., and E. H. Edwards Co. General Machinery and Supply Co. submitted a bid of \$465.20, 2% 30 days. * 20

BIDS OPENED

SAN FRANCISCO—The following submitted identical bids at \$3,181.02 ½ of 1% 10 days, to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2011, for furnishing and delivering 1 black electrically welded wire fabric for the airport:

Wickwire Spencer Steel Co., Ceco Steel Products Corp., Soule Steel Co., W. S. Wetenhall Co., W. C. Hack & Co., Johns-Manville Sales Corp., Columbia Steel Co., California Wire Cloth Co. and Planet Mfg. Company. Bethlehem Steel Co. and Gunn, Carle & Co. submitted same bid but no discount. * 20

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER tavern, \$290; 436 Valencia; owner, C. W. McEnery, prem.; contractor, Michel & Pfeifer Iron Works, 1415 Harrison St.
ALTER office bldg., \$160; 351 California St.; owner, Balford Bldg. Inc., 351 California St.
ALTER tavern, \$12; 670 Broadway; owner, V. Culotta, premises.
ALTER flats, \$300; 1340-42 Florida; owner, J. Carrsilla, 2330 Folsom; contractor, A. R. Larson, 4020 24th Street.

ALTER dwelling, \$400; 1553 Funston Ave.; owner, Mrs. E. Anderson, 1553 Funston Ave.; contractor, Hanson Bros., 5540 Mission St.
ALTER offices, \$750; 870 Market St.; owner, Flood Realty Co., prem.
ALTER flats, \$850; 251 Bartlett St.; owner, E. Neyt, prem.; contractor, Home Owners Imp. Co., 350 Hobart St., Oakland.
FLUE, \$15; 2 McCormick St.; owner E. D. Eischelberger, 1146 Webster St.

ALTER hotel, \$50; 57 Taylor St.; owner, E. E. Howell, prem.; contractor, Carves Niles Co., 1024 Clement St.

SIGN, electric, \$35; 1237 Folk St.; owner, Tortola Cafe, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS OPENED

MERCED COUNTY, Calif.—M. A. Jenkins, 3560 Y St., Sacramento, at \$1,982 (Alt. B) submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for constructing a reinforced concrete slab bridge across the North Branch Mud Slough about 5.2 miles east of Gustine, Merced County.

- Work involves:
- 25 c.y. struc. excav.;
 - 21,000 lbs. bar reinf. steel;
 - 190 c.y. Class A Portland cement concrete;
 - 304 l.f. timber railing;
 - 6 each, bridge deck drains;
 - 1 lot misc. items of work.

ALTERNATIVE ITEMS—ALT. A

- 1,200 l.f. furnishing precast concrete piles;
- 24 each, driving do;

ALTERNATE B

- 1,200 l.f. furnishing cast-in-place concrete piles (type not requiring mandrel);
- 24 each, driving steel shells (do)

ALTERNATE C

- 1,200 l.f. furnishing cast-in-place concrete piles (mandrel type);
 - 24 each, driving steel shells (do).
- NOTE: A bidder is required to submit a bid on one alternative, and may, but is not required, to submitted bids on all alternatives.

- Total bids follow:
- M. A. Jenkins, 3560 Y St., Sacramento, Alt. B, \$11,982.
 - Franzini & Fredenburg, San Rafael, Alt. A, \$12,069.50.
 - Palo Alto Road Materials Co., Palo Alto, Alt. A, \$13,508.15.
 - J. S. Metzger & Co., Los Angeles, Alt. A, \$13,813; Alt. B, \$13,813.
 - F. Kaus, Stockton, Alt. B, \$14,438.00.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	
1..	\$ 1.00	\$ 1.50	\$ 4.35	\$ 4.00	\$ 2.00
2..	.055	.055	.045	.055	.06
3..	43.00	21.00	18.00	24.00	25.00
4..	1.75	1.75	3.10	2.00	2.00
5..	10.00	10.00	5.00	5.00	15.00
6..	300.00	275.00	433.00	500.00	600.00

ALTERNATE "A"

(7)..	2.50	1.95	3.00	.....
(8)..	80.00	155.00	90.00	.....

ALTERNATE "B"

(9)..	2.50	.....	3.00	3.70
(10)..	60.00	.....	90.00	60.00

ALTERNATE "C"

(11)..	.....	.....	.....	.....
(12)..	.....	.....	.....	.....

BIDS WANTED

YUBA CO., Cal.—Until June 15, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge and about 0.2 mi. of roadbed to be graded and seal coat applied at Dry Creek, about 13 miles east of Marysville, Yuba Co., Cal.

- Work involves:
- 1 lot clear and grub;
 - 160 M. gals. water;
 - 5,300 c.y. roadway excav. without classification;
 - 5,400 sta. yds. overhaul;
 - 1,700 c.y. struc. excav.;
 - 1,930 c.y. import borrow;
 - 10 sta. finish roadway;
 - 3.5 tons liq. asph., SC-2 (prime coat);
 - 90 10 c.y. sand (prime coat);
 - 3 tons liq. asph., 90-95 (seal coat);
 - 25 c.y. screenings (seal coat);
 - 240,000 lbs. bar reinf. steel;
 - 143 c.y. class A Portland cement concrete footing blocks;
 - 1,270 c.y. class A portland cement concrete strucs.;
 - 22 c.y. class A portland cement concrete railing;
 - 3,500 lbs. misc. iron and steel;
 - 90 c.y. class A portland cement concrete slope pave. and cutoff walls;
 - 35 c.y. rock slope protection;
 - 120 lf. 18-in. CMP;
 - 120 lf. laminated guard railing;
 - 6 each, guide posts;
 - 2 each, monuments;
 - Removing existing bridge;
 - 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

CONTRACT AWARDED

MENDOCINO CO., Cal.—Claude C. Wood, P. O. Box 1714, Stockton, at \$27,790 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for constructing a bridge across Bridges Creek about 21 miles south of Garberville, consisting of one 38-foot steel beam span, four 19-ft. and one 15-ft. timber spans, all on concrete footings and timber bents; and two 19-ft. timber sidehill spans on concrete footings to be constructed; and grading and surfacing with screened gravel surfacing of approaches in Mendocino County. * 21

BIDS WANTED

ORANGE CO., Cal.—As previously reported, until June 9, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los

Angeles, for about 1.2 miles grading and surfacing with plant-mix surfacing, near Calivan, Orange Co., Calif.

- Work involves:
- 61 sta. clear and grub;
 - 2,050 M. gals. water;
 - 320 c.y. remove conc.;
 - 145,000 c.y. roadway excavation, without classification;
 - 350 c.y. struc. excav.;
 - 600 c.y. ditch and channel excavation;
 - 2,300,000 sta. yds. overhaul;
 - 5,700 tons import subgrade material;
 - 61 sta. finish roadway;
 - 15 tons liq. asph., SC-2 (prime coat);
 - 2,500 tons min. aggreg. plant-mix surf.;
 - 130 tons liq. asph., ROMC-4 or 5 (plant-mix surf.);
 - 9,500 lbs. bar reinf. steel;
 - 80 c.y. class A Portland cement conc. strucs.;
 - 60 lf. 12-in. CMP;
 - 100 lf. 24-in. CMP;
 - 120 lf. 36-in. CMP;
 - 130 lf. 42-in. CMP;
 - 1 each, 12-in. spillway assembly;
 - 22 lf. laminated guard rail;
 - 10 each, culvert markers;
 - 0.5 mi. move and reset property fence.

Plans and specifications may be obtained from the above office. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Raymond Concrete File Co., 333 Montgomery St., San Francisco, at \$4,406, awarded contract by Public Works Office, 12th Naval Dist., Rm. 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8692, for wood test piles, pile test loads and core borings at the Naval Air Station, Alameda. * 22

CONTRACT AWARDED

MARTINEZ, Contra Costa County, Calif.—Roberts Island Dredging Co., Antioch, was awarded contract by the Shell Oil Co. for dredging 234,000 c.y. of silt from in front of the Shell pier to provide water depth of 35 feet. * 22

23— CANALS

BIDS OPENED

ALL-AMERICAN CANAL.—Atlas Construction Co., 39 Congress Street, Pasadena, at \$262,240 submitted low bid to the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 766, for construction of structures station 1898-00 to station 3416-40, All-American Canal and station 24-68-41 to station 95-83, New Briar Canal, All-American canal system, Boulder Canyon Project.

- Total bids follow:
- | | |
|---|--------------|
| Atlas Const. Co., 39 Congress St., Pasadena | \$262,240.00 |
| Ralph A. Bell, Monrovia | 271,045.30 |
| Pleasant Hasler Co., Phoenix | 289,444.60 |
| Lewis Chambers Const. Co., New Orleans | 452,067.00 |
| V. R. Dennis Const. Co., San Diego | 455,952.00 |
- Unit prices will be published shortly. * 23

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento • California

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one 1½-ton flat rack truck, for use on Angeles Crest Highway for a period of 30 days, opened by the State Highway Dept., Los Angeles, are:

E. K. Johnson—One 2½-ton International, 1937, \$1,90 hr.
A. S. Vinnell Co.—One Ford, 1937, \$1.58 hr.
Teel Bros.—One Ford V-8, 1937, \$1.74 hr.
Roscoe T. Reed—Ford V-8, 1936, \$1.25 hr.
Samuel E. Bonsangue—Ford V-8, 1937, \$1.35 hr.
Oka Stewart—Ford, 1936, \$1.38 hr.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of 7-cy. dump trucks, for use under power shovel loading on Angeles Crest Highway, for 30 to 40 days, opened by the State Highway Dept., Los Angeles, were:

A. S. Vinnell Co.—Three 7-cy. Sterling, rebuilt, 1938, \$3.49 hr.; four 7-cy. Sterling, rebuilt, 1936, \$3.49 hr.; two 7-cy. Sterling, 1937, \$3.49 hr.
S. Edmondson & Sons—Three 7-cy. Mack, 1931, \$3.20 hr. ea.; 5 Macks, 1932, \$3.20 hr. ea.; two International, 1933, \$3.20 hr. ea.; one International, 1934, \$3.20 hr.

F. Pierce—Eight 7-cy. Licens chain drive, 1938, \$3.20 hr. 25

BIDS WANTED

EUREKA, Humboldt Co., Cal.—Until June 2, 11 A. M., bids will be received by the State Division of Highways, Department of Public Works, G. E. Hellesco, Acting District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental of one tractor-grader with a 10-ft. blade for 320 hours in District 1.

Bids will be submitted on proposal blanks obtainable at the above office. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a ¼-yard shovel with clam-shell bucket and rock tongs, for use in Ventura County, Route 138, for 20 to 30 days, opened by the State Highway Dept., Los Angeles, were: Lang Trans. Corp.—one ¼-cy. Northwest 1934, \$7.50 hour.

E. M. Hawley; American Gopher 1931, ¼-yd. comb. boom, etc., \$7.75 hour; shovel with clam bucket and rock tongs, \$7.25 hour. 25

BIDS OPENED

REDDING, Cal.—Harron Rickard & McCone Co., 2070 Bryant St., San Francisco, at \$2290, net, submitted low bid to the State Purchasing Agt., 319 State Capitol, Sacramento, under Quo. No. 62988, Req. No. 26832, for two 300-gal. pneumatic-tired asphalt kettles; f.o.b. Redding.

Spears Wells Machinery Co., Oakland, at \$2730, net, submitted only other bid. 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted low bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 62989, Req. No. 15557, for one 10-ft. pneumatic-tired, dual-drive, gasoline-powered motor grader with scarifier; f.o.b. Sacramento.

Bids were:
J. D. Adams Co., S. F., \$4378; allowance \$1025, net \$3353, 2% 30 da.
Weaver-Tractor Co., Sacto., \$4460.93, allowance \$1227.45, net \$3,233.48, disc. \$50 30 da.

Spears Wells Machinery Co., Oakland, \$4371, allowance \$500, net \$3871, disc. \$100 10 da.

Harron Rickard & McCone Co., S. F., \$4392, allowance \$1040, net \$3352, disc. \$57 30 da.

Knox-Hale Machinery Co., S. F., \$420.40, allowance \$980, net \$3440.40; net.

Sacramento Tractor & Equip. Co., Sacramento, \$4368, allowance \$568; net \$3800; 2% 30 da. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of crawler type crane for 750 hours. Invt. 534, opened by U. S. Engineer, Los Angeles, were:

Ralph O. Dixon, \$6 hr., total \$4,500; 3% 10 da (Bucyrus-Erie 43-B).
Pacific Crane & Rigging, \$7 hr., total \$5250 (Link-Belt K-55). 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 888-38-149, for furnishing fire equipment.

Bids taken on:
(1) one foam type fire engine, 40-gal. capacity;
(2) 12 each foam type extinguishers;
(3) 14 each carbon tetrachloride extinguishers.

Bids were:

American La France & Foamite Corp., S. F., (1) \$190; (2) \$9.90 ea; (3) \$1.90 ea; 2% 10d. prox.
Baker-Hamilton & Pacific Co., S. F., (2) \$8.75; (3) \$8.50, 2% 30 days.

American Fire Equipment Co., S. F., (1) \$24; (2) 7.50; (3) \$6.88; 2% 10 days; 1% 20 days.

Pyrene Mfg. Co., Newark, N. J., (1) \$216; (2) \$8.78; (3) \$7.65; 2% 10th prox. 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, G. D. Huestis, Assistant Procurement Officer, 1022 Pheasant Bldg., San Francisco, under Bid No. 1229, for trailblunder attachments.

Bids will be taken on:
(1) 4 trailblunder attachments, cable operated type, complete with double drum hoist and power takeoff units, of not less than 4500 lbs. net weight, for operation with Caterpillar RD-7 tractors; f.o.b. shipping point;

(1a) Same as Item 1, except price f.o.b. Oakland;

(2) 4 trailblunder attachments, cable operated type, complete without double drum hoist and power takeoff units, of not less than 3500 lbs. net weight, for operation with Caterpillar RD-7 tractors; f.o.b. shipping point;

(2a) Same as Item 2, except price f.o.b. Redding.

Bids were:
Woodridge Sales Corp., (1) \$1275, (1a) \$1325, (2) \$810, (2a) \$825; shipping point, Sunnyvale; disc. 2% 30 days.

R. G. Le Tourneau, (1) \$1180.80, (1a) \$1195.80, (2) \$684.40, (2a) \$714.40; shipping point, Stockton; disc. 2% 30 days.

Emisco Derrick & Equipment Co., (1) \$1272, (1a) \$1347, (2) \$820, (2a) \$890; shipping point, Los Angeles; disc. 2% 30 days. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one double drum road mixer, tractor to pull tow-grader, for use in Ventura County, Route 138, for 60 to 90 days, opened by the State Highway Dept., Los Angeles, were:

Road Mix, Inc., (1) Standard Steel

mixer, rebuilt, 1937, \$7.70 per hour; (2) 60 Caterpillar, 1936, to handle mixer, \$4 per hour; (3) 60 Caterpillar to pull tow-grader, 1937, \$3.50 hour; (4) 10-ft. Adams loading wheel grader, 1937, \$2.80 hour.

Pacific Crane & Rigging, Inc., 60-hp. tractor, 1930, \$4.70 hour.
R. A. Doty, 60-hp. Caterpillar, 1934 \$3.50 hour.

Brown & Livingston, 60 Caterpillar RD-7, 1936, \$4.75 hour. 25

BIDS OPENED

FRESNO, Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento under Quo. No. 6-457, Req. No. 5558, for furnishing one tractor and trailblunder, Turn-in Cletrac "35" tractor CHC 632 and Woodridge Trailblunder CHC 53.

Bids were:
Weaver Tractor Co., Sacramento, \$5125.02; allowance, \$1174.59; net, \$3,950.52; disc. \$69.20, 30 days.

Knox-Hale Machinery Co., S. F., \$5895.65; allowance, \$1150; net, \$4,745.65; net.

Mood Machinery Co., Fresno, \$5469; allowance, \$900; net, \$4569; disc. \$100, 30 days. 25

BIDS OPENED

OAKLAND, Cal.—Sam Bates Co., 1925 Dennison St., Oakland, at \$192.75 per month, submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for rental of one air compressor for a six months' period.

Total bids follow:
Sam Bates Co., 1925 Dennison St., Oakland—\$192.75 per mo.

W. H. Cowen, San Francisco—\$218, Calif. Equipment Co.—\$225.

Western Machinery Co., S. F.—\$247.

Industrial Equipment Co., Oakland—\$285.

Knox-Hale Machinery Co., S. F.—\$325.

Spears Wells Machinery Co., Oakland—\$475. 25

BIDS OPENED

LOS ANGELES, Calif.—Brown-Bemis Equip. Co., 4900 Santa Fe Ave., Vernon, at \$1.85 per hr., total \$2775, submitted low bid to U. S. Engineer, Los Angeles, for rental of two concrete mixers, paver type, 1-yard capacity, for 1500 hours each, Inv. 547. Other bids were: Oswald Bros., 1 at \$1.90 per hr, total \$2850; 2 at \$2.10 per hr, total \$6300.

Case Constr. Co., \$1.95 hr, total \$2925. E. L. Fleming, \$2.10, total \$3150. Smith Booth Usher Co., \$3, total \$4500. All terms net. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for unloading 20,000 bbls. portland cement in paper bags from railroad cars in Los Angeles and/or Glendale and hauling to job sites in L. A. County drainage area, Inv. No. 551, were received by U. S. Engineer, L. A. Bids were taken on the following:
(1) 20,000 bbl. rate for first 2½ ml. or fraction thereof including unloading and hauling, but not including unloading at job site;
(2) 3,000 bbl. rate for each additional 5 ml. or fraction thereof.

The bids were:
Van Velsir Trucking Co., 2% 10 da. (1) \$0.88, (2) \$0.02.

Agular Truck Co., net, \$1975.

Field Transportation Co., net, \$2,312.40.

Teel Bros., 10% 10 da, \$2520.

Oil Truck & Mats Co., net, \$2617.

White Transfer Co., 1% 10 da, \$2,757.

Cotterell & Maccaggi, ¼ of 1% 10

da, \$3350, one hr per load free time, \$1.00 per hr. for all time over 1 hr.
 Eastside Hauling Co., net, \$3780.
 Belyea Truck Co., net, \$3800. * 25

BIDS OPENED

MARIPOSA CO., Calif.—Following submitted bids to the Dept. of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of the following equipment for use on the Merced River, between Briceburg and the Yosemite Park Line; also in Mariposa County on Routes 18 and 65.

- Bids were received on:
- (1) one to four 4/10-cy. truck shovels. Ford or Chevrolet chassis mountings will not be acceptable;
 - (2) one or more 4-cy. water level dump trucks. Ford or Chevrolet chassis will not be acceptable;
 - (3) one or more 3-cy. water level dump trucks. Ford or Chevrolet chassis will not be acceptable;
 - (4) one or more 2-cy. water level dump trucks;
 - (5) one or more 1/2-ton expresses, similar to Ford VS 1/2-ton expresses.

Bids were:
 C. E. Huls, Merced—(1) \$3.95, moving time \$2.50; (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.55, (c) \$1.65; (5) \$1.15.
 W. E. Karstedt, San Jose—(1) \$5.74, moving time \$3.75; (2a) \$3.75, (b) \$3.00, (c) \$3.50; (5) \$2.25. * 25

BIDS OPENED

SOLANO CO., Calif.—Following submitted bids to the Dept. of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the rental of the following equipment for use in Solano County:

- (1) one or more truck shovels, 4/10-cy. minimum capacity. Ford or Chevrolet chassis mountings will not be acceptable;
- (2) one or more 4-cy. water level dump trucks. Ford or Chevrolet chassis will not be acceptable;
- (3) one or more 3-cy. water level dump trucks. Ford or Chevrolet chassis will not be acceptable;
- (4) one or more 2-cy. water level dump trucks.

Bids were:
 A. J. McCosher, Oakland—(1) \$4.48, moving time \$2.50; (2) (a) \$3.11, (b) \$2.61, (c) \$2.86; (3) (a) \$2.71, (b) \$2.31, (c) \$2.51; (4) (a) \$1.96, (b) \$1.76, (c) \$1.86.

C. E. Huls, Merced—(1) \$4.20, moving time \$2.50; (2a) \$3.11, (b) \$2.61, (c) \$2.86; (3a) \$2.71, (b) \$2.31, (c) \$2.51; (4a) \$1.96, (b) \$1.76, (c) \$1.86.

E. Gresot, Fairfield—(4a) \$1.96, (b) \$1.76, (c) \$1.86.
 C. W. Beguhl, Millbrae—(2a) \$3.11, (b) \$2.61, (c) \$2.86.
 W. E. Karstedt, San Jose—(1) \$6.00, \$4.00 moving time; (2) (a) \$3.75, (b) \$3.00, (c) \$3.50. * 25

BIDS OPENED

SAN LUIS OBISPO AND MONTEREY COS., Calif.—Following submitted bids to the State Division of Highways, Dept. of Public Works, L. H. Gibson, District Engineer, 50 Elizaveta St., San Luis Obispo, for the rental of one air compressor capable of delivering at least 105 cu. ft. of air per minute at 100 lbs. pressure, for use in San Luis Obispo and Monterey Counties, Cal.

Bids were:
 * Leitch & Co., San Francisco, \$0.63 per hour.
 Western Machinery Co., Los Angeles, \$0.92.
 Brown-Bewis Equipment Co., Los

Angeles, \$1.25.
 W. H. Cowen, San Francisco, \$1.40.
 Lang Transportation Co., Los Angeles, \$1.50.
 *Equipment not satisfactory for purpose intended. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of three 2-yd. draglines; Inv. 548, opened by U. S. Engineer, Los Angeles, were:

McKinley & Smith, 8920 S. St. Andrews Place (1) \$5.75 hr, total, \$11-500; (2) \$5.49 hr, total, \$2,960; dis. 1/2 of 1% 20 days (Marion 38-A or 382); factory deliv.

Rhoades Bros, 4331 W. Adams, (2) \$5.50 hr, total, \$2,000; dis. 1% 10 days (Lorain 87 or 77).

T. C. Smith, Huntington Park (1) \$6 hour, total, \$12,000; disc. 1/2 of 1% 10 days (Northwest 70).

W. C. Cole, 1/2 of 1% 20 days, (1) \$6.40 hour, total, \$12,800 (Bucyrus-Erie 48-B) factory deliv.

Gunther & Shirley; net. (1) \$6.10 hour, total, \$12,200 (Lima 602).

Oswald Bros. net. (1) \$6.20 hour, total, \$12,400 (Northwest 78).

Ray Schweitzer, 3% 10 days, (1) \$6.28 hr, total, \$12,560; (2) \$6.38 hr, total, \$25,520; (3) \$6.48 hour, total, \$38,880 (Lorain 87 or 77; Lima 801 or 701; P & H 755 or 855).

Bert Calvert, 1/2 of 1% 10 days, (1) \$6.30 hr, total, \$12,600 (Koehring 701); factory deliv. Alt. bid: (1) \$6.45 hr, total, \$12,900 (NW 80-D); factory deliv.

Dimmit & Taylor, 1% 20 days (1) \$7.50 hr, total, \$15,000 (Link-Belt K-48) factory deliv.

Mark C. Walker & Son, Omaha, 2% 10 days, (1) \$7.75 hr, total, \$16-500 (Bucyrus-Erie 43-B); shipment from Louisiana.

Lewis Const. Co., 1% 10 days, (1) \$7.25 hr, total, \$14,500; (2) \$7.25 hr, total, \$29,000; (3) \$7.25 hr, total, \$43,500 (80 NW, 371 Marion, 701 Lima).

Gates & Huntley, 2% 10 days, (1) \$6.23 hr, total, \$12,460 (Lorain 87).

Arthur Famuralo, 2% 10 days, (1) \$6.63 hr, total, \$13,260 (Lorain 82).

United Concrete Pipe, 3% 10 days, (1) \$6.50 hr, total, \$13,000; (2) \$6.80 hr, total, \$27,200; (3) \$6.80 hr, total, \$40,800.

B. W. Kuhn, 1/2 of 1% 10 days, (3) \$6.25 hr, total, \$37,500; (NW 70, 78 or 80).

R. E. Campbell, 3% 10 days, (1) \$6.80 hr, total, \$13,600 (Link-Belt K-48).

Ralph O. Dixon, 2% 10 days, (1) \$6.40 hr, total, \$12,800; (2) \$6.40 hr, total, \$25,600 (Bucyrus-Erie 43-B). * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of crawler type crane with 90-ft boom, for 600 hrs, Invit. 546, opened by U. S. Engineer, Los Angeles, were:

Bert Calvert, \$5.20 hr, total \$3120; 1% 10 da (No. 6 Northwest).

Gunther & Shirley, \$6.90 hr, total \$1440 (Lima 602).

United Concrete Pipe Corp., \$8.20 hr, total \$4920; 3% 10 da (Lima 1001) * 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until June 1, 11 a.m., bids will be received by the State Division of Highways, Dept. of Public Works, G. F. Lellessco, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of one 50-hp. tractor with 10-ft. angle bulldozer, for 160 hours' use in the vicinity of Laytonville.

Bids must be submitted on forms obtained at the above office. * 25

BIDS OPENED

SHASTA DAM.—Following submitted bids to the U. S. Bureau of Reclamation, Sacramento, for furnishing paint, linseed oil, etc., for Shasta Dam:

Dolan Bldg. Materials Co., Sacramento, \$218.25, f.o.b. Sacramento.
 Geo. L. Danner, \$246.20, f.o.b. Redding.

Diamond Match Co., Sacramento, \$265.80, f.o.b. Redding.
 National Lead Co., Sacramento, \$224.73, f.o.b. Sacramento.

Pittsburgh Paint Stores, \$226.40, f.o.b. Sacramento.

Diamond Match Co., Chico, \$257.80, f.o.b. Redding.

California Hardware Co., Los Angeles, \$231.80, f.o.b. Los Angeles.

W. P. Fuller & Co., San Francisco, \$206.40, f.o.b. San Francisco.

W. P. Fuller & Co., Sacramento, \$215.25, f.o.b. Sacramento.
 The Paraffine Co., San Francisco, \$219.40, f.o.b. Redding. * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until June 7, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1074-D, for furnishing and delivering line hardware and conductor fittings for installation in the Southern California Edison Company switchyard at Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nevada. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office. No charge to prospective bidders; to others, \$3.50, not returnable. * 25

BIDS OPENED

GILA PROJECT, Ariz.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1065-D, for furnishing and delivering one 19.5-ft. by 22.9-ft. fixed wheel gate, gate frame and metal-work for gate counterweight for the Gila River crossing, Gravity Main Canal, Gila Project, Ariz.; fob Blaisdell and/or shipping point:

Bids were:
 American Bridge Co., Denver, Colo. (1) \$5,240, wt. 35,613; (2) \$2,906, wt. 23,193; net; fob Gary, Ind.

Valley Iron Works, Ykima, Wash.: (1) \$5,474, wt. 36,700; 5%; fob Yakima.

Smith Corp., d/b/a General Iron & Steel Works, Portland, Ore.: (1) \$4,742, wt. 36,084; (2) \$2,740, wt. 27,085; net; fob Portland.

Commercial Iron Works, Portland Ore.: (1) \$5,949, wt. 43,000; (2) \$4,445, wt. 29,800; comb., \$10,186; net; fob Portland.

Phillips & Davies, Inc., Kenton, O.: (1) \$5,250, wt. 37,470; (2) \$3,250, wt. 25,100; 1%; fob Kenton.

Consolidated Steel Corp., Ltd., Los Angeles, (1) \$6,874, wt. 37,000; (2) \$3,345, wt. 24,500; net; fob Los Angeles.

Hunter Steel Co., Pittsburgh, Pa.: (1) \$6,240, wt. 36,000; (2) \$3,440, wt. 25,000; net; fob Neville Island, Pa.

Eastley Steel Const. Co., Inc., Berkeley, \$6,250, wt. 39,000; (2) \$3,650, wt. 26,000; comb., \$9,600; 1/2%; fob Berkeley.

Lakeside Bridge & Steel Co., Milwaukee, Wis.: (1) \$4,523, wt. 38,300; (2) \$3,154, wt. 25,500; fob Milwaukee.

Warden-Allen Co., Milwaukee, Wis.: (1) \$4,372, wt. 37,150; (2) \$2,172, wt. 26,600; 1/2%; fob Milwaukee. * 25

BIDS WANTED

BERKELEY, Alameda Co., Cal.—Until May 31, 10 a.m., bids will be received by the Berkeley City Coun-

cil, Florence Turner, City Clerk, City Hall, for furnishing six Chevrolet trucks.

Plans and specifications obtainable at above office. * 25

BIDS REJECTED

OAKLAND, Calif.—The Oakland City Council, W. W. Chappell, City Clerk, City Hall, rejected all bids for furnishing one pumping engine for the Oakland Fire Department. * 25

26—RAILROADS

LOW BIDDER

WHITE PINE COUNTY, Nev.—Western Railroad Supply Co., Chicago, at \$5,449.00 submitted low bid to the Directors of the Department of Highways of the State of Nevada, Heroes' Memorial Bldg., Carson City, for the construction of grade crossing signals on the State Highway at the Ely Cemetery Crossing of the Nevada Northern Railway, Route 2, Section D-1, White Pine County, Nev. * 26

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and materials, for use on WPA projects: BID NO. 5408—Ducommun Metal & Supply; \$272.50; 2% 10th prox.; for expanding metal, bar and corners.

BID NO. 5419—Key Pipe & Supply Co.; \$287.31; 2% 30; steel pipe.

BID NO. 5382—Piombo Bros., Inc.; \$40 per month; net; road ripper.

BID NO. 5403—Gladding, McBean; \$996.30; 2% 30; misc. tile.

BID NO. 5358—Southern Pipe & Steel—\$243.36; net; steel pipe.

BID NO. 5375—Western Machy. Co.; \$291; net; portable air compressor. * 27

BIDS WANTED

SAN FRANCISCO—Until June 2, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for rental of equipment, as follows:

BID NO. 5462—Rental of one tandem roller not less than 8 tons or more than 10 tons capacity and powered with 4 or 6-cylinder engine, radiator cooled; f.o.b. 41st Ave. and Lincoln Way, San Francisco.

BID NO. 5469—Rental of one motor passenger coach, capacity of not less than 38 seated passengers and 20 standing passengers, to operate daily between the East city limits of San Leandro and E. 14th St., and jobsite in Ashland District. * 27

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treas. Dept., 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects: BID NO. 5384—Calif. Corr. Culvert Co.; \$646.86; ½ of 1% 20; for pipe and culvert.

BID NO. 5385—Gladding, McBean; \$388.72; 2% 30; clay sewer pipe.

BID NO. 5386—Smith Lumber Co.; \$799.75; 2% 10th prox.; Douglas fir lumber.

BID NO. 5387—Western Asbestos Co.; \$576.66; 2% 20; waterproofing materials.

BID NO. 5388—Pacific States Constr. \$338.27; net; asphaltic concrete.

BID NO. 5389—Loop Lumber Co.; \$375.56; 2% 30; Oregon pine.

BID NO. 5390—Gladding Bros.; \$348; net; red brick.

BID NO. 5391—San Jose Hardware; \$460.40; 2% 30; axes, forks and rakes.

BID NO. 5392—Calif. Corr. Culvert; \$395.60; ½ of 1% 20; culvert pipe and couplers.

BID NO. 5405—San Mateo Feed and Fuel; \$1350.54; \$0.10 per bbl. 10th prox.; Portland cement. * 27

CONTRACT AWARDED

SAN FRANCISCO—Loop Lumber Co., at \$581, 2% 30 days, awarded contract by the U. S. Treasury Department, 49 Fourth St., San Francisco, under Bid No. 5406, for furnishing Douglas fir lumber. * 27

BIDS WANTED

SAN FRANCISCO—Until June 2, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

BID NO. 5463—Fence wire, tubular frame gates and barbed wire; f.o.b. Niles, Cal.

BID NO. 5464—Corr. metal pipe culvert and band couplers; f.o.b. McFarland, Cal.

BID NO. 5465—Cedar shingles and Douglas fir flooring; f.o.b. Modesto, Cal.

BID NO. 5466—Streethoods; f.o.b. San Jose, Cal.

BID NO. 5467—Corr. metal pipe culvert; f.o.b. Berkeley, Cal. * 27

BIDS WANTED

KERR, CO., Cal.—Until June 1, 10 a. m., bids will be received by U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, under Bid No. 5461, for drilling, casing, perforating, testing and capping a well at Farm Security Administration, Arvin Migratory Labor Homes, located in Section 19, T 31 S, R 29 E, MDB&M, near the town of Arvin, Cal.

Bids will be taken on:

- (1) Drilling and Testing:
 - (a) from ground surface to a depth of 100 feet below;
 - (b) from depth of 100 feet to a depth of 200 feet;
 - (c) from depth of 200 feet to a depth of 300 feet;

- (2) Furnishing and placing casing:
 - (a) Furnishing and placing 300 lin. ft. 10-in., 12-gauge double well casing;
 - (b) Furnishing and placing 300 lin. ft. 8-in., 12-gauge double well casing;
- (3) Testing: Furnishing all necessary equipment and making required pumping tests.

Plans and specifications obtainable at above office. * 27

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies, materials and equipment for use on WPA projects:

BID NO. 5347—Santa Fe Lbr. Co.; \$924.25; 2% 30; for Douglas fir lumber.

BID NO. 5385—Gladding, McBean; \$388.72; 2% 30; for clay sewer pipe.

BID NO. 5366—Taper Tube Pole Co.; \$983; net; for poles.

BID NO. 5372—Crescent El.; \$611.92; 2% 10th prox.; for switchboards.

BID NO. 5376—Western Pipe & Steel; \$671.08; ½ of 1% 20 days; for C&P culvert.

BID NO. 5377—Southern Pipe & Casing Co.; \$2612.89; ½ of 1% 30; culvert.

BID NO. 5380—Standard Fence Co.; \$448; net; chain link fence and posts.

BID NO. 5393—Gen. Machy. & Supply; \$257.74; 2% 30; pipe and fittings. * 27

29—STREETS AND HIGHWAYS

BIDS WANTED

CAVALERAS CO., Cal.—Until June 15, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.9 mi. surfacing with gravel and plant-mix surfacing between 2.5 miles east of Valley Springs and San Andreas, Calaveras Co., Cal.

Work involves:

- (1) 1700 M. gals. water;
- (2) 500 c.y. roadway excav., without classification;
- (3) 150 c.y. struc. excav.;
- (4) 15,400 c.y. import gravel;
- (5) 310 sta. finish roadway;
- (6) 13,000 tons min. aggreg. plant-mix surf.;

(7) 650 tons liq. asph., ROMC-3 or 5 (plant-mix surf.);

(8) 90 tons liq. asph., SC-2 (prime coat);

(9) 75 tons asph. emulsion (seal coat);

(10) 690 tons screen (seal coat);

(11) 25 lbs. bar reinf. steel;

(12) 46 c.y. class A Portland cement concrete struc.;

(13) 262 lf. 8-in. CMP;

(14) 46 lf. 18-in. CMP;

(15) 20 each, spillway assemblies.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

PARK COUNTY, Wyo.—Until June 7, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads 250 Custom House, Denver, Colo., for approximately 9.184 miles constructing or improving Project "B" Grading of the East Entrance Approach Road, and 5-A-2 Improvements of the East Entrance Road, located within the Yellowstone National Park, Park County, Wyo.

Plans and specifications may be obtained from above office upon the deposit of \$10. * 29

BIDS WANTED

MONTEREY COUNTY, Cal.—Until June 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about one mile of grading and paving with Portland cement concrete the Salinas Bridge approaches at Soledad, Monterey Co.

Work involves:

- (1) Clearing and grubbing;
- (2) 1,100 M. gallons water;
- (3) 13,500 c.y. rdwy. excav., unclass.
- (4) 850 c.y. struc. excav.;
- (5) 85,000 sta. yds. overhaul;
- (6) 6,800 c.y. imported surf. material;
- (7) 2,800 c.y. local borrow;
- (8) 650 c.y. imported borrow;
- (9) 22 ton asph. cement Grade E, membrane seal;
- (10) 450 c.y. remove concrete;
- (11) 13,000 sq. yds. preparing subgrade;
- (12) 53 sta. finishing roadway;
- (13) 10 tons liq. asph., SC-2 prime coat;
- (14) 105 tons do (shoulders);
- (15) 10,000 sq. yds. prepare, mix and shape shoulders;
- (16) 2,640 c.y. Class A portland cement concrete pavement;

- (17) 4,800 each pavement dowels;
- (18) 15,500 lbs. bar reinf. steel;
- (19) 12 c.y. Class A Portland cement concrete, struc.;
- (20) 56 lf. 8-in. CMP;
- (21) 154 lf. 18-in. CMP;
- (22) 344 lf. remove and salvage pipe culverts;
- (23) 112 lf. remove and relay pipe siphon;
- (24) 5 each conc. siphon joints;
- (25) 5 each spillway assemblies;
- (26) 12 c.y. Class A Portland cement concrete curbs and sidewalks;
- (27) 80 lf. move and reset guard rail;
- (28) 5 each culvert markers;
- (29) 26 each guide posts;
- (30) 10 mile new property fence;
- (31) 6 each drive gates;
- (32) 0.5 mile moving and reset fence;
- (33) 4 sections pavement crossing devices, Type A-11;
- (34) 10 each monuments.

Plans and specifications may be obtained from the above office.

29

BLUS PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento June 8, 1938.

Following is a list of blue prints and prices:

III-B-Feeder—Bet. 6 mi. south and 1 mi. south of Paradise; PLANS (No. of Sheets), 12; cost, \$120; CROSS-SECTIONS (No. of Sheets), 165; cost, \$1,650; total, \$1,770.

V-SLO-33-E—Bet. Summit and 3 mi. south of Paso Robles; PLANS (No. of Sheets), 11; cost, \$170; CROSS-SECTIONS (No. of Sheets), 12; cost, \$120; total, \$290.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Cal.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

29

May 24, 1938

CONTRACT AWARDED

LOS GATOS, Santa Clara Co., Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at \$6512.45 was awarded contract by Los Gatos Town Council, Donna M. Winning, Town Clerk, Town Hall, Los Gatos, for the improvement of Main St. at El Monte Hill, Los Gatos.

29

May 24, 1938

BIDS WANTED

STATE OF OREGON.—Until June 3, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, for bridge and highway construction, as follows:

CLACKAMAS CO.: Carver - Redland State Section of Carver-Redland County Road. Federal Aid Secondary Project No. FAS 24-A: 3.32 miles grading, surfacing and oiling. Requires approximately 8,000 c.y. of excavation; 8,800 c.y. crushed rock, and 35,000 sq. yds. oil mat surface treatment.

CLATSOP COUNTY: Bridge over South Fork Rock Creek approx. ten miles westerly from Sunset Camp on Wolf Creek Highway. Federal Aid Project No. 181-H. Construct 120 ft. reinforced concrete bridge requiring approx. 170 c.y. excavation; 220 c.y. concrete; 46,000 lbs. metal reinforcement;

DOUGLAS COUNTY: Dixonville. Section of North Umpqua County Road. Federal Aid Secondary Proj.

No. FAS 14-A: 2.20 miles of grading and surfacing. Requires approx. 49,000 c.y. excavation; 38 c.y. concrete; 5,000 lbs. metal reinf.; 9,600 c.y. of gravel topping; and 3,000 c.y. crushed gravel.

MULTNOMAH CO.: Lombard St.-Killingsworth St. Section of Northeast Portland Secondary Highway. State Project; 3.9 miles grading, and 4.9 mile surfacing and oiling. Requires approx. 90,000 c.y. excavation; 230 lf. concrete curb; 280 sq. yds. of concrete sidewalk; 1,200 lf. cable guard fence; 3,800 c.y. rock or gravel materials in base and surfacing; and 4,700 sq. yds. oil mat surface treatment.

MULTNOMAH CO.: Reconstruction of Northeast 33rd Ave. Overcrossing at Columbia Blvd. in Portland. State Project. Requires approx. 430 c.y. of excavation; 345 c.y. concrete; 29,000 lbs. metal reinf.; 84,000 lbs. structural steel, and 115 lf. concrete hand-rail.

POLK COUNTY: Wigrich - Buena Vista Section of Independence-Buena Vista County Road. Federal Aid Secondary Project No. FAS 13-A: 5.51 mi. surfacing and oiling; and drainage improvement. Requires approx. 550 c.y. excavation; 6,300 c.y. rock or gravel materials in surfacing, and 35,000 sq. yds. oil mat surface treatment.

TILLAMOOK CO.: Tone Bridge over Trask River on Market Road No. 15. Construct 110-ft. steel span and 180 lf. pile trestle approaches. Requires approx. 135 c.y. excavation; 800 lf. fir piling; 1,600 lf. cedar piling; 205 c.y. concrete; 25,000 pounds metal reinforcement; 120,000 pounds structural steel; 180 lf. trestle superstructure, and 6 MBM lumber. The bids for this project will be received for and in behalf of and will be considered by the County Court of Tillamook County.

WASHINGTON COUNTY: Hillsboro-Airport Road Section of Hillsboro-Cornelius Pass County Road. Federal Aid Secondary Project No. FAS 8-A: 1.17 miles surfacing and oiling. Requires approx. 3,900 c.y. of crushed rock; and 12,600 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon deposit of \$5.00.

29

BIDS WANTED

STATE OF OREGON.—Until June 2, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, for bridge and highway construction, as follows:

COLUMBIA CO.: Shaeley Bridge Section of Upper Nehalem County Road. Federal Aid Secondary Project No. FAS 279-A: 3.22 miles surfacing and oiling. Requires approximately 1,400 c.y. crushed rock or crushed gravel, and 34,000 sq. yds. oil mat surface treatment.

COLUMBIA COUNTY: St. Helens-Warren Section of Columbia River Highway. Federal Aid Project No. 27-A: 3.95 miles grading and asphaltic concrete paving. Requires approximately 19,500 c.y. excavation; 44 c.y. concrete; 7,000 lbs. metal reinforcement; 20,300 c.y. crushed rock or crushed gravel; and 12,800 tons asphaltic concrete.

JACKSON COUNTY: Bear Creek-Ashland Section of Pacific Highway. Federal Aid Project No. 157-B: 0.41 mile of roadside improvement, requiring approx. 1,500 c.y. excavation; 40,000 sq. ft. grass seeding; and planting 30 trees, 91 shrubs and 7 vines.

KLAMATH COUNTY: Williams-on-River Bridge Section of The Dalles-

Columbia Highway. Federal Aid Project No. 83-A. Construct 342 lf. reinforced concrete bridge, requiring approx. 810 c.y. excavation; 750 c.y. concrete; 147,000 lbs. metal reinforcement, and 710 lf. concrete handrail.

LAKE COUNTY: Cottonwood Ch.-Maddock Corner Section of Klamath Falls-Lakeview Highway. Federal Aid Secondary Project No. FAS 29-A: 2.0 miles grading and talus rock roadbed topping. Requires approx. 50,000 c.y. excavation, and 14,000 c.y. talus rock topping.

LINN COUNTY: Peoria-Harrisburg Section of Corvallis-Harrisburg County Road. Federal Aid Secondary Project No. FAS 263-B: 6.0 miles of surfacing and 12.91 miles oiling. Requires approx. 13,400 c.y. of rock or gravel materials in surfacing, and 136,700 sq. yds. oil mat surf. treatment.

MARION COUNTY: Roberts-Orville Section of Halls Ferry County Road. Federal Aid Secondary Project No. FAS 12-A: 3.33 miles surfacing and oiling. Requires approx. 8,700 c.y. rock or gravel materials in surfacing; and 35,000 sq. yds. oil mat surface treatment.

MULTNOMAH CO.: Washington County Line-Skivine Blvd. Section of Northwest Thomson County Rds. Federal Aid Secondary Project No. FAS 7-A: 1.73 miles grading, surfacing and oiling. Requires approximately 5,300 c.y. excavation; 6,600 c.y. crushed rock; and 20,300 sq. yds. oil mat surface treatment.

MULTNOMAH CO.: Airport Road Overcrossing on Northeast 42nd Ave. over O.W.R.R.&N. tracks at Northeast Portland Highway. Project No. WPGS 285-B. Requires approx. 1,750 c.y. excavation; 710 c.y. concrete; 105,000 lbs. metal reinforcement; 300,000 lbs. structural steel; and 620 lf. metal handrail.

WASCO COUNTY: Chenoweth Cl.-The Dalles Section of Chenoweth County Road. Federal Aid Secondary Project No. FAS 20-A: 0.70 mile grading, and 1.19 miles surfacing and oiling. Requires approx. 3,100 c.y. excavation; 3,200 c.y. crushed rock; and 14,900 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00.

29

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland Port Commission, foot of Grove St., Oakland, for the pavement of extension of Ninth Ave. Pier, Oakland.

Work involves: (a) preparation of base for pavement north of bulkhead wall including all work and material;

- (b) 775 tons asphaltic binder;
- (c) 950 tons asphaltic surf. mixture;
- (d) 690 tons macadam rock in place;
- (e) 120 tons screenings for oil macadam surfacing;
- (f) 70 tons bird's-eye screening and sand;
- (g) 29 tons asphalt road oil;
- (h) 15 tons asphaltic emulsion for finish surface.

Bidders were: (1) Pansome Co., Emeryville; (2) W. H. Tarson, Oakland; (3) T. G. J. Truvel, Berkeley; (4) Independent Constr. Co., Ltd., Oakland.

Unit prices follow:

	(1)	(2)	(3)	(4)
(a)	\$700.00	\$350.00	\$620.00	\$600.00
(b)	4.50	4.25	4.85	4.30
(c)	4.85	4.75	5.25	4.65
(d)	2.40	2.50	2.25	2.30
(e)	2.50	3.80	2.40	2.50
(f)	3.00	4.00	2.75	2.25
(g)	17.50	14.00	15.50	16.00
(h)	20.00	17.00	18.50	18.00

CONTRACT AWARDED

HILLSBOROUGH, San Mateo Co., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$70,760, submitted low bid and was awarded contract by the Hillsborough Town Council, Earle Wilsey, City Manager, City Hall, for the construction of streets in Hillsborough Park No. 2, involving about 20,000 feet of road-work, including roads and sewers. Estimated cost, \$90,000.

- Work involves:
(1) 5,300 c.y. grading;
(2) 2,000 c.y. stabilized rock base pavement;
(3) 385,000 sq. ft. scarifying and re-shaping;
(4) 5,700 tons 2 1/2-in. asphalt wearing surface;
(5) 45,000 sq. ft. 4-inch stabilized asphalt wearing surface;
(6) 20,600 lin. ft. concrete gutter;
(7) 22,800 lin. ft. by 6 redwood boards;
(8) 28 catch basins;
(9) 4 gutter outlets;
(10) 750 l.f. 12-in. concrete pipe;
(11) 52 manholes;
(12) 740 l.f. 8-inch cast-iron sewer pipe;
(13) 1,500 l.f. 8-in. vit. sewer pipe;
(14) 7,900 l.f. 6-in. vit. sewer pipe;
(15) 500 l.f. 4-in. laterals;
(16) 100 feet 6 by 4 Y branches;
(17) 1,000 l.f. removing and resetting guard rail.

Total bids follow:
(A) Union Paving Co., 212 Babcock Bldg., San Francisco—\$70,760.
(B) A. J. Ralsch, S. F.—\$97,379.70.
(C) Hanrahan Co., S. F.—\$98,880.

Unit prices follow:
Table with 3 columns: (A), (B), (C) and 17 rows of unit prices for various materials and quantities.

CONTRACT AWARDED

SAN FRANCISCO.—Love & Haun, 454 20th St., San Francisco, at \$272.64, awarded contract by the Department of Public Works, Room 251, City Hall, for construction of sidewalks on west side of 19th Avenue bet. Sigmund Stern Memorial Grove and 266.5 ft. northerly.

LOW BIDDER

YUMA CO., Ariz.—Warren Southwest, Inc., 2145 E. 25th St., Los Angeles, at \$51,138, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Hope-Parker Highway, FL 8-B (1938), A F E 7210. The work, which extends from the town of Parker southeasterly for a distance of about 9.25 miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before Oct. 31, 1938.

CONTRACT AWARDED

NYE COUNTY, Nev.—J. A. Casson, 319 Warren St., Hayward, California, at \$15,530.00 was awarded contract by the State of Nevada, Directors of the Dept. of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 8.40 miles roadmix bituminous surfacing on a

portion of the State Highway from the east boundary of Death Valley National Monument to Beatty, Rte. 58, Sec.-A, Nye County, Nev.

Complete bids will be published shortly. 29

BIDS OPENED

SHASTA COUNTY, Calif.—C. W. Caletti & Co., P. O. Box 243, San Rafael, at \$86,095.45 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.7 mi. grading and surfacing with crusher run base and salvaged surfacing base and constructing a reinforced concrete box culvert, at 0.8 mile east of Bella Vista and between Seaman's Gulch and 6.3 mi. east of Ingot, Shasta Co., Cal.

- Work involves:
(1) 2.6 acres clear and grub;
(2) 300 M. gals. water;
(3) 56,000 cu. y. roadway excavation, without classification;
(4) 1,725 c.y. struc. excav.;
(5) 225 c.y. ditch and channel excavation;
(6) 3,700 c.y. imported borrow;
(7) 6 c.v. remove existing conc.;
(8) 316,000 sta. yds. overhaul;
(9) 170 sta. finish roadway;
(10) 5,850 tons crusher run base;
(11) 2,230 c.y. salvage surf.;
(12) 48 tons liq. asph., SC-2 (prime coat);
(13) 35 tons liq. asph., 90-95 (seal coat);
(14) 495 tons screenings (seal coat);
(15) 65 c.y. class A portland cement concrete strucs.;
(16) 6,000 lbs. bar reinf. steel;
(17) 10,000 sq. yds. wire mesh slope protection;
(18) 25 c.y. light riprap;
(19) 84 l.f. 18-in. CMP;
(20) 40 l.f. 24-in. CMP;
(21) 6 l.f. 60-in. CMP;
(22) 3 each, remove and reset head-walls;
(23) 316 l.f. remove, clean and relay existing CMP;
(24) 56 l.f. remove, clean and salvage existing CMP;
(25) 30 each, culvert markers;
(26) 34 each, guide posts;
(27) 14 each, monuments.

Total bids follow:
(A) C. W. Caletti & Co., P. O. Box 243, San Rafael, \$86,095.45.
(B) Clifford A. Dunn, Klamath Falls Oregon, \$89,700.55.
(C) Pacific States Const. Co., San Francisco, \$94,866.50.
(D) N. M. Ball Sons, Berkeley, \$99,442.80.
(E) Mountain Const. Co., Sacramento, \$117,185.40.

Unit bids follow:
Table with 5 columns: (A), (B), (C), (D), (E) and 27 rows of unit prices for various materials and quantities.

of Class B-1 roadmix bituminous surfacing on a portion of the State Highway from a point approximately 9 miles east of the east boundary of Nevada National Forest to point approximately 2 miles west of Warm Springs, Route 3, Sec. B-a, Nye Co., Nevada.

Complete bids will be published shortly. 29

CONTRACT AWARDED

NYE COUNTY, Nev.—J. A. Casson, 319 Warren St., Hayward, California, at \$15,530.00 was awarded the contract by the State of Nevada, Directors of the Dept. of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 8.40 miles roadmix bituminous surfacing on a portion of the State Highway from the east boundary of Death Valley National Monument to Beatty, Rte. 58, Sec. A, Nye County, Nevada.

- Work involves:
(1) 85 tons liquid asph., MC-2;
(2) 675 tons liquid asph., SC-2;
(3) 8.4 miles roadmix;
(4) 120 each, culvert markers.

Total bids follow:
(A) J. A. Casson, 319 Warren Street, Hayward, Calif., \$15,530.00.
(B) Dodge Const., Inc., Fallon, Nev., \$17,338.00.
(C) J. C. Compton, McMinville, Ore., \$18,006.00.
(D) Oilfields Trucking Co., Bakersfield, Cal., \$18,801.58.
(E) U. B. Lee, San Leandro, \$18,833.30.
(F) Union Paving Co., San Francisco, \$19,315.00.
(G) A. S. Vinnel Co., Alhambra, \$20,750.50.

Unit prices follow:
Table with 4 columns: (1), (2), (3), (4) and 7 rows of unit prices for various materials and quantities.

COMPLETE BIDS

SAN LUIS OBISPO CO., Calif.—Rexroth & Rexroth, 2110 C, Sta. A, Bakersfield, at \$7,535, submitted low bid to State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for about 4.3 miles highway road sides to be landscaped between 0.8 mile southeast of Arroyo Grande and Pismo Beach, San Luis Obispo County.

- Work involves:
(1) 675 M. gals. water in place;
(2) 12 acres cultivation of planting areas;
(3) 65 stations rounding and smoothing cut slopes;
(4) 1750 station rows ground cover plantings in place;
(5) 60 each planting sycamore trees in place;
(6) 60 each planting pepper trees in place;
(7) 40 each planting coyote brush in place.

Total bids follow:
(A) Rexroth & Rexroth, 2110 C, Sta. A, Bakersfield, \$7,535.00.
(B) National Evergreen Sales, Los Angeles, \$8,808.75.
(C) Peterson Bros., Inglewood, \$10,086.90.

Unit prices follow:
Table with 3 columns: (A), (B), (C) and 7 rows of unit prices for various materials and quantities.

CONTRACT AWARDED

SAN FRANCISCO.—The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$57,101, awarded contract by the Dept. of Public Works, William H. Worden, Director, Room 251, City Hall, under Spec. No. 19111, for reconstructing and widening 3rd St. from Howard to Channel Sts., by reducing sidewalks to ten feet, construction of concrete parking lanes, and resurfacing roadway. Estimated cost, \$77,000. * 29

BIDS WANTED

SANTA BARBARA CO., Calif.—Until June 15, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3 miles grading, surfacing with imported borrow and applying road-mix surface treatment between Los Olivos and Zaca, Santa Barbara Co., Cal.

- Work involves:
- (1) 158 sta. clear and grub;
 - (2) 550 M. gals. water;
 - (3) 103,000 c.y. roadway excavation, without classification;
 - (4) 3,600 c.y. ditch and channel excavation;
 - (5) 1,900 c.y. struc. excav.;
 - (6) 116,000 sta. yds. overhaul;
 - (7) 18,900 c.y. import borrow;
 - (8) 20 c.y. remove concrete;
 - (9) 158 sta. finish roadway;
 - (10) 40,500 sq. yds. preparing, mixing and shaping roadbed;
 - (11) 40 tons liq. asph., SC-2 (prime coat);
 - (12) 415 tons liq. asph., SC-4 (road-mix);
 - (13) 100 tons liq. asph., SC-2 (penetration oiling);
 - (14) 345 c.y. class A Portland cement concrete strucs.;
 - (15) 39,700 lbs. bar reinf. steel;
 - (16) 1 each, cast steel frame and cover;
 - (17) 200 lf. 8-in. CMP;
 - (18) 1,168 lf. 18-in. CMP;
 - (19) 306 " 24-in. CMP;
 - (20) 78 lf. 30-in. CMP;
 - (21) 138 lf. 36-in. CMP;
 - (22) 305 lf. exist. pipe culvert removed, cleaned and salvaged;
 - (23) 176 lf. exist. pipe culverts, removed, cleaned and relaid;
 - (24) 18 each, spillway assemblies;
 - (25) 5,000 lf. laminated guard railing;
 - (26) 420 lf. move and reset guard rail;
 - (27) 44 each, culvert markers;
 - (28) 70 each, guide posts;
 - (29) 5.5 Mi. new property fence;
 - (30) 16 each, drive gates;
 - (31) 4 each, walk gates;
 - (32) 69 each, monuments.

Plans and specifications may be obtained from the above office. * 29

BIDS OPENED

AMADOR CO., Calif.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for furnishing and applying liquid asphalt on about 5.5 miles between 0.3 miles east of Plymouth and Fiddletown, Amador Co., involving about 272 tons liquid asphalt, SC-3.

Bids were:
Lang Transportation Corp., Oakland, \$2.72 per ton; total \$739.84.
Pacific Truck Service, Inc., San Jose, \$11.79 per ton, total \$3,206.88.

J. P. Breen, Sacramento, \$12.58, total \$3,421.76.
Sheldon Oil Co., Suisun, \$12.62; total \$3,432.64.

Garcia Constr. Co., Irvington, \$13; total \$3,536.

Hayward Building Material Co., Hayward, \$13.15; total \$3,576.80.

A. A. Tieslau, Berkeley, \$13.23; total \$3,593.56.

Lee J. Immel, Berkeley, \$13.48; total \$3,665.56.

Powers & Patterson, Lower Lake, \$13.70; total \$3,726.40.

C. F. Fredericksen & Sons, Lower Lake, \$13.99; total \$3,805.08.

E. A. Forde, San Anselmo, \$14.00; total \$3,808.

Acme Transportation Co., \$14.19; total \$3,859.63.

Oilfields Trucking Co., Bakersfield, \$14.69, \$3,995.68.

S. M. McGaw, Stockton, \$16.09; total \$4,104.48.

Chas. Kuppinger, Lakeport, \$16.19; \$4,566.80. * 29

BIDS OPENED

TRINITY COUNTY, Calif.—Young & Son Co., Ltd., 599 Colusa Avenue, Berkeley, at \$87,874.60 submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 4.1 mi. grading and surfacing with road-mix surfacing and penetration oil treatment at various locations between Big Bar and Junction City, Trinity County, Calif.

- Work involves:
- (1) Clear and grub right of way;
 - (2) 300 M. gals. water;
 - (3) 17 c.y. remove existing rubble masonry;
 - (4) 51,300 c.y. roadway excavation, without classification;
 - (5) 647,100 sta. yds. overhaul;
 - (6) 365 c.y. struc. excav.;
 - (7) 40 c.y. ditch and channel excav.;
 - (8) 7,700 c.y. import borrow;
 - (9) 9,000 c.y. import surf. matl.;
 - (10) 214 sta. finish roadway;
 - (11) 36 tons liq. asph., SC-2 (prime coat);
 - (12) 800 c.y. min. aggreg., road-mix surf.;
 - (13) 77 tons liq. asph., ROMC-3 or ROMC-4 (road-mix surf.);
 - (14) 15 tons liq. asph., ROMC-3 or ROMC-4 (seal coat);
 - (15) 26 tons liq. asph., SC-2 (penetration oil treat.);
 - (16) 215 c.y. sand sealcoat and penetration oil treatment;
 - (17) 294 lbs. bar reinf. steel;
 - (18) 10 c.y. class A portland cement conc. strucs.;
 - (19) 300 c.y. light riprap;
 - (20) 4,200 sq. yds. wire mesh slop protection.

Total bids follow:
(A) Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, \$87,874.60.
(B) Harold Smith, St. Helena, \$89,224.90.
(C) N. M. Ball Sons, Berkeley, \$106,280.40.

Unit bids follow:

	(A)	(B)	(C)
(1).....	\$800.00	\$500.00	\$1500.00
(2).....	1.25	1.50	2.00
(3).....	1.00	5.00	5.00
(4).....	.90	.90	1.05
(5).....	.005	.005	.01
(6).....	1.50	1.00	2.50
(7).....	1.00	2.00	2.50
(8).....	.28	.60	.70
(9).....	1.07	1.20	.80
(10).....	5.00	5.00	7.00
(11).....	22.75	25.00	28.00
(12).....	4.50	2.25	2.75
(13).....	26.15	30.00	34.00
(14).....	26.15	30.00	35.00
(15).....	22.75	25.00	30.00
(16).....	3.50	3.00	2.50
(17).....	.10	.10	.10
(18).....	35.00	30.00	40.00
(19).....	2.50	3.00	7.00
(20).....	1.15	1.00	1.50
(21).....	2.20	2.0	1.50
(22).....	2.20	2.50	2.50
(23).....	3.35	3.00	3.50
(24).....	3.85	3.00	4.50
(25).....	5.70	5.00	6.00
(26).....	1.00	1.00	1.00
(27).....	10.00	15.00	15.00

BIDS OPENED

SOLANO COUNTY, Cal.—J. L. Conner & Sons, Hotel Serra, Monterey, at \$38,890.30 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.2 mile grading and surfacing with plant-mixed surfacing and constructing underdrains one mile SW of Cordelia underpass, Solano Co., Calif.

- Work involves:
- (1) 15 M. gals. water;
 - (2) 88,000 c.y. roadway excavation, without classification;
 - (3) 1,200 c.y. import borrow;
 - (4) 280 c.y. struc. excav.;
 - (5) 11 sta. finish roadway;
 - (6) 7,500 tons crushed rock filling material;
 - (7) 200 tons min. aggreg., plant-mix surf.;
 - (8) 8 tons screenings (seal coat);
 - (9) 10 tons liq. asph., ROMC-4 or 5 (plant-mix surf.);
 - (10) 2.6 tons liq. asph., SC-1A (prime coat and penetration oil treatment);
 - (11) 0.8 ton asph. emulsion (seal coat);
 - (12) 3 c.y. class A portland cement concrete structures;
 - (13) 250 lbs. bar reinf. steel;
 - (14) 460 lf. 12-in. CMP;
 - (15) 94 lf. 24-in. CMP;
 - (16) 22 lf. 30-in. CMP;
 - (17) 96 lf. 36-in. CMP;
 - (18) 316 lf. 12-in. perf. metal pipe underdrains;
 - (19) 500 lf. 18-in. perf. metal pipe underdrains;
 - (20) 86 lf. 24-in. perf. metal pipe underdrains;
 - (21) 560 lf. remove and salvage culvert pipe;
 - (22) 158 lf. remove and relay culvert pipe;
 - (23) 0.2 mile new property fence;
 - (24) 0.1 mile move and reset exist. fences;
 - (25) 5 each, monuments.

Total bids follow:
(A) J. L. Conner & Sons Hotel Serra Monterey, \$38,890.30.
(B) Lee I. Immel, Berkeley, \$45,279.50.
(C) Guerlin Bros., San Francisco, \$47,848.60.
(D) Chas. L. Harney, San Francisco, \$73,317.10.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 5.00	\$ 2.50	\$ 3.00	\$ 6.00
(2).....	.23	.28	.315	.37
(3).....	1.50	1.25	1.00	.87
(4).....	1.50	1.50	1.40	3.00
(5).....	5.00	10.00	8.00	10.00
(6).....	1.80	2.10	2.00	2.65
(7).....	3.75	4.50	4.00	4.40
(8).....	6.00	6.00	2.50	3.00
(9).....	20.00	16.00	16.00	17.00
(10).....	20.00	16.00	17.00	13.00
(11).....	20.00	32.00	20.00	30.00
(12).....	25.00	30.00	24.00	40.00
(13).....	.06	.10	.07	.10
(14).....	.38	.30	.40	.35
(15).....	.50	.75	.60	.80
(16).....	.50	1.00	.75	1.50
(17).....	1.00	2.50	2.00	2.20
(18).....	.30	.30	.40	.35
(19).....	.40	.40	.50	.50
(20).....	.50	.75	.60	.80
(21).....	.50	.50	1.50	.75
(22).....	.75	1.50	1.50	2.50
(23).....	500.00	600.00	1000.00	725.00
(24).....	250.00	500.00	1000.00	500.00
(25).....	3.00	3.00	4.00	3.50

LOW BIDDER

KLAMATH COUNTY, Ore.—Warren Northwest, Inc., Portland, Ore., at \$7,856.00 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 12.442 miles of constructing or improving the Crater

Lake National Park Rim Road and Cloud Cap Spur Project 7-B, 7-C and 9 Bituminous Paving, National Park Road Project, located within Crater Lake National Park, Klamath Co., Oregon.

Complete bids will be published shortly. * 29

BIDS WANTED

MODOC COUNTY, Cal.—Until June 14, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing all labor and material and performing all work for placing bituminous seal coat on 8.623 miles, Section A, Federal Lands Highway, Project No. 6, and on Section C, Route II, Lava Beds National Forest Highway, Modoc County, Calif.

- Work involves:
- (1) 105 tons cutback asphalt, Type RC-4 or seal coat;
 - (2) 770 tons cover aggregate screenings.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS WANTED

SAN FRANCISCO.—Until June 1, 1:45 P. M., informal bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for construction of a concrete retaining wall on the northeast line of Fair Avenue near Prospect Ave. Estimated cost, \$999.00.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00. * 29

LOW BIDDERS

ESMERALDA CO., Nev.—Silver State Constr. Co., Inc., Fallon, at \$23,016.35, submitted low bid to the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 10.68 miles highway construction from a point approximately ten miles south of Blair Junction to Silver Peak, Route 47, Section B, Esmeralda Co., Nev.

George French, Jr., Stockton, Cal., at \$23,732.50, submitted second low bid.

Complete bids will be published shortly. * 29

May 26, 1938.

LOW BIDDERS

LYON CO., Nev.—Silver State Construction Co., Inc., Fallon, Nevada, at \$34,093.29, submitted low bid to the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 8 miles of highway construction from Weeks to Fernley Junction, Route 1B, Section A, Lyon Co., Nevada.

Dodge Constr., Inc., Fallon, at \$36,198.29, submitted second low bid.

Complete bids will be published shortly. * 29

30—RESERVOIRS & DAMS

May 26, 1938.

BIDS WANTED

CLATSOP CO., Ore.—Until June 10, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, Ore., under Bid No. 698-38-608, for rebuilding and enlarging existing levees, construction of new levees, placing rock riprap, removal of 26 existing tide boxes, construction of 14 wood stave pipe tide boxes with automatic drainage gates, excavation and reconstruction of approximately 12,242 lin. ft. of drainage ditches, driving of steel sheet piling

NYE COUNTY, NEV.—SURFACING.—(State)

NYE COUNTY, Nev.—J. A. Casson, 319 Warren St., Hayward, California, at \$19,141.70 was awarded the contract by the State of Nevada Directors of the Dept. of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 9.24 miles of Class B - 1 roadmix bituminous surfacing on a portion of the State Highway from a point approximately 9 miles east of the east boundary of Nevada National Forest to point approximately 2 miles west of Warm Springs, Route 3, Sec. B-a, Nye Co., Nevada.

- Work involves:
- (1) 93 tons liquid asph., Type MC-2 (seal);
 - (2) 710 tons liquid asph., Type SC-2 (road-mix);
 - (3) 9.24 miles road-mix;
 - (4) 66 culvert markers;
 - (5) 51 guide posts;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$22.40	\$24.00	\$25.00	\$25.35	\$26.00	\$27.00	\$30.00	\$30.00	\$24.00
(2).....	17.40	20.00	21.00	20.38	21.00	22.00	22.00	26.00	20.00
(3).....	400.00	500.00	450.00	550.00	500.00	450.00	600.00	600.00	550.00
(4).....	3.00	3.00	3.00	3.50	4.00	4.00	4.00	2.25	3.00
(5).....	3.00	3.00	3.00	4.00	4.00	4.00	4.00	2.00	.....
(6).....	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
(7).....	.75	1.00	2.00	.50	2.50	1.50	1.50	1.50	2.25

* C. F. Frederickson & Sons bid irregular, Item 5 omitted.

and the construction, if necessary, of pile bulkheads, situated in City of Warrenton Diking Districts No. 1, 2 and 3, Clatsop County, Oregon.

- Work involves:
- (1) 194,610 c.y. levee embankment, in place;
 - (2) 1,392 c.y. removal of objectionable material;
 - (3) 7,931 c.y. excav. for drainage ditches;
 - (4) 6,543 c.y. excav. for tide boxes;
 - (5) 4,151 c.y. struc. excav. for tide boxes;
 - (6) 9,228 c.y. backfill for tide boxes, in place;
 - (7) 15.6 MFMB treated lumber, in place;
 - (8) 0.18 MFMB untreated lumber, in place;
 - (9) 60.68 MFMB treated tongue and groove sheet piling, in place;
 - (10) 2.16 MFMB untreated tongue & groove sheet piling, in place;
 - (11) 1,664 lf. treated round piling, in place;
 - (12) 1,204 lf. untreated round piling, in place;
 - (13) 150 lf. continuous wood stave pipe, 18-in. diam., in place;
 - (14) 138 lf. continuous wood stave pipe, 30-in. diam., in place;
 - (15) 126 lf. continuous wood stave pipe, 36-in. diam., in place;
 - (16) 40 lf. continuous wood stave pipe, 42-in. diam., in place;
 - (17) 46 lf. continuous wood stave pipe, 48-in. diam., in place;
 - (18) 88 lf. continuous wood stave pipe, 54-in. diam., in place;
 - (19) 46 lf. continuous wood stave pipe, 60-in. diam., in place;
 - (20) 40 lf. continuous wood stave pipe, 66-in. diam., in place;
 - (21) 256 c.y. reinf. concrete;
 - (22) 3 each, circular automatic drainage gate, 18-in. diam., in place;
 - (23) 3 each, circular automatic drainage gate, 30-in. diam., in place;
 - (24) 2 each, circular automatic drainage gate, 36-in. diam., in place;
 - (25) 1 each, circular automatic drainage gate, 42-in. diam., in place;
 - (26) 1 circular automatic drainage gate, 48-in. diam., in place;
 - (27) 2 each, circular automatic drainage gate, 54-in. diam., in place;
 - (28) 1 circular automatic drainage gate, 60-in. diam., in place;
 - (29) 1 circular automatic drainage gate, 66-in. diam., in place;

- (6) force account—roadside cleanup;
- (7) 210 cu. yds. processing stockpile gravel.

Total bids follow:

- (A) J. A. Casson, 319 Warren Street, Hayward, Calif., \$19,141.70.
 - (B) J. C. Compton, McMinnville, Ore. \$22,113.00.
 - (C) Dodge Const., Inc., Fallon, Nev. \$22,664.00.
 - (D) Oilfields Trucking Co., Bakersfield, Calif. \$22,952.14.
 - (E) Isbell Const. Co., Reno, Nev., \$23,411.00.
 - (F) Union Paving Co., San Francisco \$23,572.00.
 - (G) U. B. Lee, San Leandro, Calif., \$25,237.00.
 - (H) A. S. Vinell Co., Alhambra, \$27,859.50.
 - (I) C. F. Frederickson & Sons, Lower Lake (irregular) \$22,654.50.
- Unit prices follow:

- (30) 7 each, square automatic drainage gates, in place;
- (31) 4,800 lf. untreated round piling for pile bulkheads, in place;
- (32) 8.65 MFMB walng for pile bulkheads, in place;
- (33) 2,800 lf. cable and fastenings for pile bulkhead, in place;
- (34) 3,613 c.y. riprap, in place;
- (35) 3,600 lf. driving steel sheet piling.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 30

CONTRACT AWARDED

PLACER CO., Calif.—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$345,987, awarded contract by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 205 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-220, for the construction of a concrete arch dam at the North Fork site on the North Fork of the American River, Placer Co., Cal. Engineer's estimate, \$309,163. * 30

BIDS WANTED

PLACER COUNTY, Calif.—Until June 10, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Room 205, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-258, for clearing the North Fork Reservoir site, approximately 335 acres and extending about 5 1/2 miles along the river, located on the North Fork of American river, Placer County.

Plans and specifications may be obtained from the above office.

31—PIPE LINES & WELLS

May 26, 1938.

LOS ANGELES, Calif.—Bids for drilling a water well, including accessories, and pipe line alteration, opened by the State Highway Dept., Los Angeles, were:

Walter O. Hill, Rte. 3, Box 58, Santa Ana—(1) \$3170; (2) \$610; total \$3175; (3) \$365; grand total, \$4450.

Leonard A. Anderson, Box 99, Camarillo—(1) \$3100, (2) \$265; total \$3775.00; (3) \$350; grand total, \$4387.50.

Roscoe Moss Co.—(1) \$2821, (2) \$594; total \$891; (3) \$286; grand total, \$3938. * 31

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at \$2,575.60 submitted low bid to the Public Utilities Commission, Room 257, City Hall, under W. D. Spec. No. 176, for the laying of 6-inch cast iron mains in Girard, Mansell and Arlington Streets.

Work involves:

- (1) 1350 l.f. excavation and backfill for trench 17x36-in.;
- (2) 20 c.y. additional excavation and backfill;
- (3) 100 sq. ft. additional pavement removal and replacement;
- (4) 1350 l.f. installing 6-in. bell and spigot pipe;
- (5) 1800 lbs. installing fittings;
- (6) 183 l.f. making joints;
- (7) 900 sq. ft. repavement;
- (8) 12 1/2-in. screw taps installed;
- (9) 100 l.f. install 3/4-in. copper service pipe;
- (10) 1350 l.f. furnish bell and spigot pipe at \$0.65 per l.f.;
- (11) 3 6-in. bell and gate valves furnished at \$16.80;
- (12) 900 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
- (13) 400 lbs. furnish steel band and bolts at \$0.05 per lb.;
- (14) 100 l.f. furnish 3/4-in. copper service pipe at \$0.17 per ft.;
- (15) lump sum, furnishing 3/4-in. bronze fittings at \$20.40.
- (16) lump sum, engineering, inspection, etc., at \$307.
- (17) lump sum, connections at \$229.

Total bids follow:

(A) E. J. Treacy, 430 Call Bldg., San Francisco, \$2,757.60.
 (B) W. J. Tobin, Oakland, \$2,576.81.
 (C) The Fay Improvement Co., San Francisco, \$2,646.80.
 (D) S. F. Water Dept., \$2,746.20.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$.375	\$.37	\$.40	\$.50
(2).....	.50	.50	.50	.50
(3).....	.20	.35	.20	.35
(4).....	.06	.06	.085	.06
(5).....	.03	.03	.03	.02
(6).....	.35	.27	.385	.30
(7).....	.25	.25	.25	.27
(8).....	1.00	1.50	1.25	1.00
(9).....	.35	.35	.30	.30
(10).....	.65	.65	.65	.65
(11).....	16.80	16.80	16.80	16.80
(12).....	.06	.06	.06	.06
(13).....	.05	.05	.05	.05
(14).....	.17	.17	.17	.17
(15).....	20.40	20.40	20.40	20.40
(16).....	307.00	307.00	307.00	307.00
(17).....	229.00	229.00	229.00	229.00

CONTRACT AWARDED

MOFFETT FIELD, Cal.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$87,980, awarded contract by Col. H. E. Pitz, Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco, under Bid No. W 6616-28-17, for construction and completion of a 10-inch water supply line at Moffett Field.

BIDS WANTED

KERN COUNTY, Cal.—Until May 28, 7:20 P. M., bids will be received by the Directors of the Highland Park Public Utility District, Warren Stockton, Clerk, 442 Arvin St., Bakersfield, for furnishing and installing water mains, connections and services.

Plans and specifications may be obtained from the above office.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

UKIAH, Mendocino Co., Calif.—A. Soda & Son, 5231 Grove St., Oakland,

at \$1,495, submitted low bid and was awarded contract by the Ukiah City Council, City Clerk, City Hall, for the installation of sewers in the City of Ukiah.

Total bids follow:
 A. Soda & Son, 5231 Grove Street, Oakland, \$1,495.
 Manuel Smith, Oakland, \$1,500.
 D. Crinella, Ukiah, \$1,530.
 John Pestana, Oakland, \$1,810.
 O. G. Ritchie, San Jose, \$1,889.90.

33—WATER WORKS

BIDS WANTED
GILROY, Santa Clara Co., Calif.—Until June 6, 5 p.m. (opened at 8:00 p.m.), bids will be received by the Gilroy City Council, P. A. Cox, City Clerk, City Hall, Gilroy, for a change

over and enlarge the deep well pump located at the corner of Monterey Street and Martin Lane in the City of Gilroy.

Plans and specifications may be obtained from the above office.

May 26, 1938.
BIDS WANTED
REDDING, Shasta Co., Cal.—Until June 15, 8 p.m., bids will be received by the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for construction of the second unit of the municipal water system, including distribution system with cast iron, cement-lined pipe, copper and cast iron services and new hydrants. Estimated cost, \$208,000.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable. W. K. Adams, City Engineer.

Boulder Canyon Project—Constr. Drop No. 1, Etc.—(Govt.)

ALL-AMERICAN CANAL—Atlas Constr. Co., 39 Congress St., Pasadena, at \$146,799.25, submitted low bid to the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 765, for construction of Drop No. 1 and Coachella turn-out, Station 1905-70, All-American Canal, Boulder Canyon Project.

- Work involves:
- (1) 13,500 c.y. excav. for struc.;
 - (2) 4,200 c.y. compacted embankments;
 - (3) 1,400 c.y. compacted subbase;
 - (4) 18,000 c.y. backfill;
 - (5) 6,600 c.y. compacting backfill;
 - (6) 160 c.y. sand fill in center pier;
 - (7) 1,065 c.y. conc. in floor slabs;
 - (8) 3,836 c.y. concrete in structure, except floor slabs;
 - (9) 735,000 lbs. placing reinf. bars;
 - (10) 2,575 l.f. installing rubber water stops;
 - (11) 2,100 sq. ft. installing elastic joint-filler materials;
 - (12) 750 sq. yds. dry-rock paving;
 - (13) 920 c.y. riprap;
 - (14) 830 c.y. constructing reverse filters;
 - (15) 210,000 lbs. driving steel sheet piling;
 - (16) 57,000 lbs. installing metal pipe fittings and valves, except pipe handrails;
 - (17) 9,700 lbs. installing pipe handrails;
 - (18) 92,700 lbs. installing gates;
 - (19) 22,800 lbs. installing gate bolsters

- and operating and control mechanisms;
- (20) 200 cwt. placing bituminous material in float drums;
- (21) 27,000 lbs. installing miscellaneous metalwork;
- (22) 45 MFEBM constructing timber railings;
- (23) Lump sum, constructing engine house, except concrete;
- (24) 1,400 l.f. installing electrical metal conduits;
- (25) 140 lbs. installing electrical conductors;
- (26) 30 lbs. installing ground wires;
- (27) 2,100 lbs. installing electrical apparatus.

Total bids were:
 (A) Atlas Constr. Co., Pasadena—\$146,799.25.
 (B) Ralph A. Bell, Monrovia—\$147,744.75.
 (C) Lewis Chambers Constr. Co., New Orleans—\$148,359.
 (D) George J. Bock Co. and L. W. Odell, Los Angeles (bidding jointly)—\$148,384.75.
 (E) Mitty Bros. Constr. Co., Los Angeles—\$149,421.50.
 (F) Alexander & Reppos, Des Moines, Iowa—\$161,036.25.
 (G) Pleasant—Hasler Constr. Co., Phoenix—\$187,359.
 (H) V. R. Dennis Constr. Co., San Diego—\$193,272.75.
 (I) Gates & Huntley, Los Angeles—\$228,595.50.

Unit prices follow:

	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 0.50	\$ 0.30	\$ 0.45	\$ 1.15	\$ 1.00
(2).....	1.20	2.85	2.00	2.00	3.00
(3).....	1.50	2.85	2.50	4.00	3.00
(4).....	.20	.30	.30	.25	.25
(5).....	.60	.60	.70	.80	.60
(6).....	2.00	1.50	.70	1.00	2.00
(7).....	13.00	19.30	12.00	13.50	20.00
(8).....	18.00	19.30	24.00	24.00	31.00
(9).....	.02	.02	.02	.02	.02
(10).....	.35	1.25	1.40	.15	.50
(11).....	.35	1.25	.50	.10	.50
(12).....	3.50	3.00	4.00	2.50	3.00
(13).....	4.00	4.50	5.00	6.50	3.00
(14).....	5.00	5.00	2.60	4.25	2.00
(15).....	.015	.03	.02	.0225	.02
(16).....	.07	.08	.07	.015	.05
(17).....	.07	.12	.09	.015	.10
(18).....	.03	.04	.07	.0125	.03
(19).....	.05	.08	.10	.03	.10
(20).....	.75	2.00	1.00	.50	4.00
(21).....	.08	.10	.10	.02	.10
(22).....	40.00	60.00	80.00	40.00	60.00
(23).....	100.00	200.00	100.00	150.00	100.00
(24).....	.20	.50	.20	.25	.20
(25).....	.25	.25	.60	1.00	.50
(26).....	.50	.50	.30	1.00	1.00
(27).....	.20	.20	.30	.15	.20

CHURCHILL CO., NEV.—Highway Reconst.—(State)

CHURCHILL COUNTY, Nevada.—(1 1/2-in. size); Isbell Construction Company, Reno, Nevada, at \$205,477.08, was awarded contract by the State of Nevada Directors of the Dept. of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 13.71 miles of reconstruction of State Highway from point approximately 1 3/4 miles west of the Churchill-Pershing Co. Line, Route 1, Secs. A, B-1 and B-a, Churchill County, Nevada.

- (1) Force Account, special detours; (2) 250 hrs. 75-hp. crawler type tractor; (3) 250 hrs. 10-ft. blade grader; (4) 100 hrs. 75-hp. tractor, with power scraper; (5) 250 hrs. motor grader; (6) 500 hrs. 1 1/2-ton truck; (7) 100 hrs. 75-hp. tractor with bulldozer or angledozer; (8) 24,579 c.y. selected detour surfacing; (9) 25,462 yd. m. haul on selected detour surfacing; (10) 941 lf. remove culvert pipe; (11) 51 remove headwalls (conc.); (12) 28 remove headwalls (rubble); (13) 144,879 sq. yd. remove and stockpile roadmix asph. surface; (14) 157,454 c.y. roadway excav.; (15) 3042 c.y. drainage excav.; (16) 236 sta. "v" type ditches; (17) 31,850 c.y. borrow; (18) 115 sta. slope rounding; (19) 403,950 yd. sta. overhaul; (20) 14,329 yd. m. overhaul; (21) 1577 c.y. struc. excav.; (22) 2250 c.y. backfill; (23) 13.70 mi. subgrade, Type B; (24) Force Account, roadside clean-up; (25) 5695 M. gal. water; (26) 104,957 tons Type 1, gravel base; (27) 68,762 tons Type 2, gravel base

Table with columns (A) through (D) and rows of quantities and prices for various construction items.

Table with columns (E) through (H) and rows of quantities and prices for various construction items.

34— PARKS AND PLAY-GROUNDS

BIDS REJECTED TRACY, San Joaquin Co., Calif.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids for landscape work at the U. S. P. O. at Tracy. Work will be re-advertised. Henry Meiburg Nursery, Tracy, at \$950 submitted previous low bid. (1527) 1st report March 1; 2nd, Mar. 29, 1938.

BIDS REJECTED SALINAS, Monterey Co., Calif.—All bids received for seeding and planting the grounds of the U. S. P. O. at Salinas were rejected by the Procurement Division Public Bldgs. Branch, Washington, D. C. California Nursery Co., Inc., Niles, at \$3,450 submitted low bid. Work will be readvertised.

Machinery & Material

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and equipment, as follows: JUNE 3, P. M.: BID NO. 5717: Water cans, pumps and hose; fob Government Island. JUNE 7, 2 P. M.: BID NO. 5709: Guide cards; fob Government Island.

SAN FRANCISCO.—Until June 1, 2 P. M., bids will be received by the Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1233, for one 20-ft. wood lookout tower for Topa Topa Lookout; fob shipping point and/or Ojai, Calif.

GOVERNMENT ISLAND, Calif.—Until June 1, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5708, for furnishing radio batteries; f.o.b. Government Island.

SAN FRANCISCO.—Until June 2, 2 P. M., bids will be received by the Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1234 for furnishing two wood and coal burning ranges complete with water coil and warming oven; fob shipping point and/or Susanville.

WAR DEPARTMENT

FORT MASON, Cal.—Until June 1, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-28-369, for furnishing laundry appliances, including presses, washing machines, extractors, drying tumbler, compressor and parts for Troy Premier Washer; f.o.b. Letterman General Hospital Laundry, Presidio of San Francisco, Cal.

FORT MASON, Cal.—Until June 2, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Ma-

son, San Francisco, under Bid No. 928-38-368, for furnishing paper bags, wrapping paper, paper tape and wax; f.o.b. Fort Mason, Cal.

FORT McDOWELL, Calif.—Until June 6, 2 P. M., bids will be received by the Quartermaster, Fort McDowell under Bid No. 536-38-41, for furnishing one electrically driven extractor, one drying tumbler, Portland cement, sanding belts, blades, wire nails; fob Fort Mason.

Plans and specifications may be obtained from the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason.

SAN FRANCISCO—Until June 2, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-164, for furnishing and delivering (1) one nickel-chromium-molybdenum cast steel pinion shaft with cast steel, and (2) pattern and core boxes for shaft; f.o.b. San Francisco Water-front.

SAN FRANCISCO—Until June 1, 3 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-157, for furnishing drafting and engineering equipment for Midway Island.

SACRAMENTO, Cal.—Until June 3, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-270, for furnishing pliers, screwdrivers, hammers, wrenches and hacksaw frames; f.o.b. Rio Vista, Cal.

FORT MASON, Calif.—Until June 7, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-376, for furnishing sheet steel, white lead; fob Dock No. 2, Fort Mason.

SACRAMENTO, Cal.—Until June 1 2 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-271, for furnishing one RD No. 7 or equal, catpillar tractor and bulldozer equipped with LeTourneau or equal power unit for lifting bulldozer for 700 hours' use in Sacramento.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 8, 2 p.m., bids will be received by L. A. Water & Power Purchasing Agt. for: furnishing and delivering structural steel framework at Department's site, 4553 San Vicente Blvd., Los Angeles, Spec. 2622. Alt. Proposal includes furnishing, delivering and erecting. Certified check or bond for 10%.

SAN FRANCISCO CITY

SAN FRANCISCO—Until June 6, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2006, for furnishing paint, painters' supplies and glass for the term: July 1, 1938, to Dec. 31, 1938.

Plans and specifications obtainable at the above office.

MERCED COUNTY—Grading & Paving—(State)

MERCED CO., Calif.—Hanrahan Co., Hobart Bldg., San Francisco, at \$335,324.20 (alternate "B"), submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.7 miles to be graded, portions to be paved with Portland cement concrete and asphalt concrete and portions to be surfaced with plant-mix surfacing on untreated crushed gravel or stone and constructing reinforced concrete bridges between 5.7 miles southerly and Merced, Merced County.

- Work involves:
- (1) 300 sta. clear and grub;
 - (2) 3,900 M. gals. water;
 - (3) 19,000 c.y. rdwy. excav., unclass.
 - (4) 350 c.y. ditch and channel excavation;
 - (5) 3,100 c.y. struc. excav.;
 - (6) 145,000 c.y. imported borrow;
 - (7) 16,500 sta. yds. overhaul;
 - (8) 650 c.y. remove exist. concrete;
 - (9) 40 c.y. broken conc. riprap;
 - (10) 79,000 sq. yds. preparing subgrade;
 - (11) 300 sta. finish rdwy.;
 - (12) 270 tons asph. cement, Grade E, membrane seal;
 - (13) 10,000 tons untreated crushed gravel or stone, base surf. and borders;
 - (14) 2,600 tons min. agg., plant-mix surf.;
 - (15) 130 tons liquid asphalt MC-5 or MC-extra heavy plant mix surf.
 - (16) 18 tons do. MC-2 prime coat;
 - (17) 16 tons asph. emulsion seal coat and paint binder;
 - (18) 150 tons screenings, seal coat;
 - (19) 110 tons liquid asph. SC-2 penetration oil treatment;
 - (20) 170 tons asph. cement asph. conc.
 - (21) 3,400 tons min. aggregate asph. concrete;
 - (22) 400 c.y. Portland cement conc. base;
 - (23) 12,575 c.y. Class B Portland cement conc. pave.;
 - (24) 617,000 lbs. bar reinf. steel pave. and struc.;
 - (25) 17,350 each pavement dowels;
 - (26) 6,875 pavement tie bolt assemblies;
 - (27) 2,600 c.y. Class A Portland cement conc. struc.;
 - (28) 454 lf. 12-in. CMP;
 - (29) 448 lf. 18-in. 2MP;
 - (30) 290 lf. 24-in. CMP;
 - (31) 112 lf. 36-in. CMP siphons;
 - (32) 154 lf. 45-in. CMP siphons;
 - (33) 4 each existing headwalls moved and reset;
 - (34) 2 each 36-in. conc. joints pipe siphons;

- (35) 6 each 48-in. do;
- (36) 9 each 18-in. automatic drainage gates;
- (37) 315 lf. existing culverts removed, cleaned and salvaged;
- (38) 304 lf. existing culverts removed, cleaned and relaid;
- (39) 1 each cast steel frame and cover for drop inlet;
- (40) 610 lbs. steel covers drop inlets;
- (41) 2,914 lf. solid timber railing;
- (42) 1,500 lf. laminated guard rail;
- (43) 242 lf. remove and salvage guard rail;
- (44) 45 each culvert markers and guide posts;
- (45) 5.5 miles new property fence;
- (46) 25 each drive gates;
- (47) 7 each walk gates;
- (48) 2,620 sq. yds. asph. paint binder;
- (49) 10 sections pavement crossing devices, type A-12;
- (50) 24 do, type B-12;
- (51) 57 each monuments;
- (52) 90 each expansion joint assemblies;
- (53) 179 ea. contraction joint assemblies;
- (54) 1 lot misc. items of work; Alternative Items—Alt. "A"
- (55) 5,430 lf. furnish conc. piles cast in place, type not requiring mandrel;
- (56) 186 each driving steel shells, type not requiring mandrel; Alternative "B"
- (57) 5,430 lf. furnish concrete piles cast in place, mandrel type;
- (58) 186 each driving steel shells, mandrel type.

A bidder is required to submit a bid on one alternative and may, but is not required, to submit bids on both alternatives.

- Total bids follow:
- (A) Hanrahan Co., Hobart Bldg., S. F., Alt. "A"—\$338,801.30; Alt. "B"—\$335,324.20.
 - (B) Macco Constr. Co., Clearwater—Alt. A, no bid; Alt. B, \$337,328.10.
 - (C) Griffith Co., L. A.—Alt. A, \$360,651.40; Alt. B, \$358,414.60.
 - (D) Fredericks & Westbrook, Lower Lake—Alt. A, \$358,636.84.
 - (E) Warren Southwest, Inc., L. A.—Alt. A, \$373,717.05; Alt. B, \$369,535.05.
 - (F) Union Paving Co., S. F.—Alt. A, \$372,508.55; Alt. B, no bid.
 - (G) United Concrete Pipe Corp., L. A.—Alt. A, \$384,606.25; Alt. B, no bid.
 - (H) Chas. L. Harney, S. F.—Alt. A, \$396,888.67; Alt. B, \$396,888.67.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$10.00	\$ 10.00	\$ 3.00	\$ 31.00	\$ 8.50	\$ 10.00	\$ 12.00	\$10.00
(2).....	.70	.80	.45	.70	.60	.80	.74	1.00
(3).....	.25	.25	.30	.29	.27	.20	.25	.20
(4).....	1.00	1.00	1.00	1.00	.75	1.00	.50	1.00
(5).....	.45	.40	.55	.41	.51	.52	.52	.75
(6).....	.05	.02	.03	.01	.015	.01	.02	.02
(7).....	8.00	2.50	4.00	2.30	4.00	3.00	3.00	2.50
(8).....	6.00	10.00	3.00	5.75	3.00	8.00	5.00	5.00
(9).....	.05	.05	.08	.05	.08	.07	.08	.07
(10).....	5.00	10.00	3.50	5.00	6.00	8.00	6.00	7.50
(11).....	13.00	14.50	15.00	15.00	16.00	15.00	15.00	16.00
(12).....	1.40	1.25	1.50	1.30	1.50	1.60	1.95	1.55
(13).....	2.30	2.75	2.65	3.00	3.60	3.50	4.00	3.10
(14).....	14.00	12.50	12.50	14.00	13.50	15.00	14.00	14.25
(15).....	14.00	15.00	16.00	14.00	25.00	20.00	18.00	20.00
(16).....	17.50	22.00	19.00	28.00	30.00	30.00	25.00	25.00
(17).....	1.75	3.00	3.00	2.00	4.00	3.00	4.00	2.65
(18).....	10.00	11.50	11.00	10.75	11.50	12.00	14.00	12.00
(19).....	12.00	13.30	12.00	15.00	13.00	15.00	12.00	14.08
(20).....	3.00	4.50	3.00	4.80	4.75	3.60	4.50	4.20
(21).....	5.50	6.70	8.00	6.00	7.25	10.00	6.00	6.80
(22).....	6.85	6.90	7.00	6.90	7.10	8.00	7.40	7.92
(23).....	.044	.05	.046	.044	.05	.045	.05	.0455
(24).....	.63	.14	.12	.14	.13	.18	.12	.145
(25).....	.38	.40	.36	.42	.45	.45	.45	.435

(27).....	19.00	19.00	20.00	21.00	19.50	19.00	22.00	16.00
(28).....	1.30	1.30	1.50	1.20	1.25	1.30	1.50	1.20
(29).....	1.80	2.00	2.00	1.80	1.75	2.00	1.90	1.90
(30).....	2.60	3.00	3.00	2.60	2.75	3.00	2.70	3.00
(31).....	6.50	6.50	6.50	6.00	6.75	7.00	6.70	6.75
(32).....	8.20	9.00	8.50	7.60	9.50	9.00	9.00	9.00
(33).....	7.25	15.00	15.00	11.50	11.00	12.00	15.00	10.00
(34).....	13.00	15.00	20.00	18.00	20.00	20.00	20.00	21.50
(35).....	18.00	20.00	25.00	21.00	25.00	30.00	30.00	26.00
(36).....	17.00	25.00	20.00	18.00	20.00	20.00	20.00	20.00
(37).....	.50	.50	.70	.30	.60	1.00	1.00	1.00
(38).....	.60	1.00	.90	.60	1.00	1.00	1.50	1.00
(39).....	45.00	50.00	50.00	48.00	50.00	50.00	50.00	50.00
(40).....	.10	.10	.10	.12	.18	.10	.10	.08
(41).....	1.50	1.25	1.60	1.60	1.40	1.70	2.00	2.00
(42).....	.90	1.25	.95	1.10	.90	1.00	1.00	1.05
(43).....	.25	.50	.35	.12	.20	.20	.50	.80
(44).....	2.00	2.00	2.50	2.00	2.00	2.00	3.00	2.50
(45).....	400.00	500.00	470.00	375.00	375.00	500.00	600.00	475.00
(46).....	20.00	20.00	18.00	18.00	18.00	20.00	20.00	20.00
(47).....	8.00	10.00	12.00	10.50	6.00	10.00	12.00	10.00
(48).....	.02	.03	.03	.04	.03	.02	.02	.015
(49).....	30.00	40.00	50.00	29.00	45.00	30.00	60.00	40.00
(50).....	25.00	40.00	40.00	18.00	30.00	20.00	50.00	35.00
(51).....	2.50	3.00	2.50	2.30	3.00	2.00	3.00	3.00
(52).....	1.00	.50	3.30	2.30	6.00	2.00	5.00	3.00
(53).....	1.00	.50	3.30	2.30	6.00	2.00	5.00	3.00
(54).....	500.00	1000.00	400.00	600.00	1300.00	300.00	1500.00	175.00
ALTERNATIVE "A"								
(55).....	2.00	.....	2.40	1.00	2.40	2.00	2.00	1.15
(56).....	25.00	.....	35.00	100.00	42.00	35.00	20.00	57.00
ALTERNATIVE "B"								
(57).....	1.50	1.30	1.60	1.00	1.40	.....	.....	1.15
(58).....	22.00	50.00	47.00	100.00	50.00	.....	.....	57.00

CONTRA COSTA CONDUIT—(Govt.)

CENTRAL VALLEY PROJECT, Calif.—Pearson, Minnis & Moody and Werner & Webb, 650 North Robertson Blvd., Los Angeles, at \$310,992.20, submitted low bid to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 776, for construction of earthwork, tunnel, canal lining and structures, Station 209+65 to Station 638+00, Contra Costa Canal, Delta Division, Central Valley Project, Cal. The work is located near Antioch, Cal.

- Work involves:
- SCHEDULE I**
- (1) 40 acres clear orchards;
 - (2) 6 acres clear vineyards;
 - (3) 25 acres grubbed orchards;
 - (4) 5 acres grubbed vineyards;
 - (5) 202,500 c.y. com. excav., canal;
 - (6) 100 c.y. rock excav., canal;
 - (7) 115,000 sta. c.y. overhaul;
 - (8) 24,000 c.y. compact embankment;
 - (9) 2,500 c.y. com. excav., strucs.;
 - (10) 10 c.y. rock excav., strucs.;
 - (11) 100 sq. yds. prep. rock foundations lining;
 - (12) 64,000 sq. yds. trim earth fdn. lining;
 - (13) 7,050 c.y. backfill;
 - (14) 3,800 c.y. puddle or tamp backfill;
 - (15) 1,260 c.y. conc. struc.;
 - (16) 5,550 c.y. conc. canal lining;
 - (17) 525,000 lbs. place reinf. bars;
 - (18) 190 sq. yd. rock pave.;
 - (19) 49 MPBM erect timber bridges;
 - (20) 120 lf. lay 15-in. conc. pipe;
 - (21) 120 lf. lay 18-in. conc. pipe;
 - (22) 124 lf. lay 24-in. conc. pipe;
 - (23) 40 lf. lay 30-in. conc. pipe;
 - (24) 32 lf. lay 36-in. conc. pipe;
 - (25) 5,500 lbs. install gates;
 - (26) 1,000 lbs. install misc. metalwork.

- SCHEDULE II**
- (27) 21,500 c.y. com. excav., canal;
 - (28) 500 c.y. rock excav., canal;
 - (29) 20 c.y. com. excav., strucs.;
 - (30) 20 c.y. rock excav., strucs.;
 - (31) 4,560 c.y. excav. n tunnel;
 - (32) 400 sq. yds. prep rock fdn. lining;
 - (33) 1,000 sq. yds. trim earth fdn. lining;
 - (34) 125 c.y. backfill;
 - (35) 25 c.y. puddle or tamp backfill;
 - (36) 1,020 c.y. conc. in tunnel lining;
 - (37) 60 c.y. conc. port. struc. and

- transitions;
- (38) 120 c.y. conc. in canal lining;
- (39) 12,500 lbs. place reinf. bars;
- (40) 24,000 lbs. furnish and install perm. steel sup. tunnel;
- (41) 18 MPBM furn. and erect perm. timber tunnel;
- (42) 23,000 lbs. furn. and install steel liner plates;
- (43) 200 lf. drill grout holes to 10 ft.;
- (44) 100 lbs. place gr. pipe and connections;
- (45) 500 cu. ft. pressure grouting.

- SCHEDULE III**
- (46) 6 acres clear orchards;
 - (47) 5 acres grubbed orchards;
 - (48) 280,000 c.y. com. excav., canal;
 - (49) 1,000 c.y. rock excav., canal;
 - (50) 20,000 sta. c.y. overhaul;
 - (51) 16,000 cu. yds. compact embankment;
 - (52) 3,150 c.y. com. excav., strucs.;
 - (53) 10 c.y. rock excav., strucs.;
 - (54) 1,000 sq. yds. perp. rock fdns. conc. lining;
 - (55) 82,000 sq. yds. trim earth fdns. lining;
 - (56) 12,000 c.y. backfill;
 - (57) 4,000 c.y. puddle or tamp backfill;
 - (58) 1,415 c.y. conc. in strucs.;
 - (59) 6,830 c.y. conc. canal lining;
 - (60) 608,000 lbs. place reinf. bars;
 - (61) 350 sq. yds. dry rock pavement;
 - (62) 84 MPBM erect timber in bridges;
 - (63) 240 lf. lay 15-in. conc. pipe;
 - (64) 312 lf. lay 18-in. conc. pipe;
 - (65) 80 lf. lay 24-in. conc. pipe;
 - (66) 2,450 lbs. inst. 24-in. metal pipe;
 - (67) 4,450 lbs. install gates;
 - (68) 3,750 lbs. inst. misc. metalwork.
- Total bids follow:
- (A) Pearson, Minnis & Moody, and Werner & Webb, 650 N. Robertson Blvd., Los Angeles—Sch. 1, \$128,161.20; Sch. 2, \$57,459; Sch. 3, \$15,372.
 - (B) C. W. Caletti & Co., San Rafael—(1) \$133,920; (2) no bid; (3) \$167,623.50.
 - (C) Haas-Doughty & Jones, S. F.—(1) \$135,794.60; (2) no bid; (3) \$181,909.90.
 - (D) Lewis Chamber Constr. Co., New Orleans—(1) \$154,230.20; (2) no bid; (3) \$184,862.60.
 - (E) United Concrete Pipe Corp., Los Angeles—(1) \$136,876; (2) \$81.-

(Continued on Next Page)

ALAMEDA COUNTY PERMITS UNDER \$1000

- SIGN, electric, \$200; 8431 E. 14th St., Oakland; owner, Buss Auto Supply Co., Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, electric, \$100; 109 Broadway, Oakland; owner, Oakland Billiard, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, electric, \$300; 1107 Broadway, Oakland; owner, Life Cafe, Premises; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, metal, \$50; 4005 Hopkins St., Oakland; owner, Linton Brown, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- REEROOF, \$130; 6 00 College, Oakland; owner, Mr. Jacks, 6264 Claremont; contractor, Guy Tyler & Sons, 1502 Cedar Street, Berkeley.
- REEROOF, \$86; 5701 Oak Grove, Oakland; owner, Mr. Williams, 6080 Harwood; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
- REPAIRS, roof, \$10; 3007 Millbrae, Oakland; owner, Mr. Hardwick, 3021 Richmond Blvd.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
- ADDITION, \$500; 3788 Lakeshore Ave., Oakland; owner and contractor, F. T. Malby, Prem.
- REEROOF, \$144; 770 14th St., Oakland; owner, E. K. Robin, Prem.; contractor, Elliott & Elliott Co., 770 22nd St.
- ALTERATIONS, \$276; 3321 Randolph Ave., Oakland; owner, Mrs. Lucy Graham, Prem.; contractor, C. A. White, 1401 East 88th St.
- REEROOF, \$65; 1331 80th Ave., Oakland; owner and contractor, Lorraine Miller, 228 Chumalia St., San Leandro.
- ADDITION, \$160; 2005 18th Avenue, Oakland; owner and contractor, P. S. Laurence, Prem.
- ALTERATIONS, \$25; 517 11th St., Oakland; owner and contractor, Carlo Distafano, Prem.
- SIGN, metal, \$35; 3333 Broadway, Oakland; owner, Golden State Creamery, 5307 Telegraph Ave.; contractor, Bob's Sign Service, 597 19th St.
- SIGNS, electric (2), \$370 ea.; 2838 E. 14th St., Oakland; owner, Lucky Market, Prem.; contractor, Elec. Prod. Corp., 950 30th St.; also electric sign, \$90.
- SIGN, electric, \$350; SE Cor. 32nd and Cypress St., Oakland; owner, Foster & Kleiser, Prem.; contractor, Elec. Prod. Corp., 950 30th St.
- SIGN, electric, \$700; 2045 Hopkins Street, Oakland; owner, Brad's, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, electric, \$150; 1220 Jefferson St., Oakland; owner, Jefferson Hotel, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, electric, \$100; 1723 San Pablo Ave., Oakland; owner, A. Nichols, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- SIGN, electric, \$150; 525 40th Street, Oakland; owner, Forthiet Street Garage, Prem.; contractor, Western Neon Lite Co., 1411 40th Ave.
- ADDITION, \$150; 7215 Camden St., Oakland; owner E. W. Margan, Prem.; contractor, E. L. McAlister, 980 36th St.
- SIGN, roof, \$30; 351 13th St., Oakland; owner and contractor, Hancock Oil Co., Prem.
- ALTERATIONS, \$250; 2118 23rd Ave., Oakland; owner and contractor, Frans Liljedahl, Prem.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Pacific Constructors Low
on Dam

♦ ♦ ♦ ♦

L.A. Syndicate Submits \$35,939,450 Bid

♦ ♦ ♦ ♦

Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JUNE 4, 1938

No. 23

\$35,939,450 BID LOWEST OF TWO; FIGURES CLOSE

**S. F. Contractors' Proposal
Only \$263,000 Over
Other Figure**

SACRAMENTO, June 1.—Two syndicates representing many of the nation's largest contractors, today submitted spectacularly close bids to the United States Bureau of Reclamation here for construction of Shasta Dam and Power Plant, largest single unit of the Central Valley Project.

Low bidder was Pacific Constructors, Inc., 609 South Grand avenue, Los Angeles, with a proposal of \$35,939,450.00.

Shasta Construction Co., 1000 Balfour building, San Francisco, submitted a bid of \$36,202,357, less than \$263,000 higher than the low proposal.

More than 250 contractors, engineers and others were in attendance at the bid opening.

Pacific Constructors includes contractors from all parts of the United States. The syndicate's bid was signed by W. A. Johnson, President, and J. W. McGuire, Secretary. Listed as stockholders are the following firms:

L. E. Dixon Co., Los Angeles; Griffith Co., Los Angeles; Metropolitan Construction Co., Los Angeles, The Arundel Corp., Baltimore, Md.; American Concrete and Steel Pipe Co., Los Angeles; D. W. Thurston, Los Angeles; Lawler & McGuire, Butte, Mont.; Shofner, Gordon & Hinman, Denver, Colo.; W. E. Callahan Co. & Gunther Shirley Co., Dallas, Texas; A. Guthrie and Co., St. Paul, Minn.; Hunkin-Conkey Co., Cleveland, O., and Foley Bros., New York City.

Firms listed as Shasta Construction Company stockholders are:

J. F. Shea, MacDonald & Kahn Co., Ltd., Pacific Bridge Co., Guy F. Atkinson, and Utan Construction Co. of San Francisco; Morrison-Kundsen Co., Boise, Idaho; General Construction Co., Seattle, Wash.; T. J. Walsh Construction Co., Davenport, Iowa; and H. J. Kaiser, Oakland. Charles A. Shea is President, and Paul Wattis, Secretary.

OPENING DAM BIDS



A \$36,000,000 contract hung in the balance as this photograph was snapped Wednesday in Sacramento. Construction Engineer Walker R. Young of the U. S. Bureau of Reclamation, standing before the microphone, reads the low bid of Pacific Constructors, Inc., for construction of Shasta Dam and power plant. Members of the Bureau staff at the table included, left to right: Phil Dickinson, information; Robert S. Thomas, engineer; Mr. Young; Nelson B. Hunt, office engineer; Arthur R. Honnold, district counsel; and Harry S. Riddell, engineer.

Dam Construction To Employ 5000

Construction of Shasta Dam will employ an average of about 2500 men, according to the estimate of L. E. Dixon, representative of Pacific Constructors, Inc., at yesterday's bid opening.

His estimate agreed with that of Construction Engineer Walker R. Young of the Bureau of Reclamation, who declared that peak employment probably will reach about 5000 men, with an average taken from beginning to end of the job of about 2500. Employment during the first stages will be light.

Mr. Young declared workers will be hired directly by the contractor.

Mr. Dixon told reporters at a press conference that should Pacific Constructors be awarded the contract workers will be hired through established employment services. Those seeking employment on the project were warned to register with the employment service offices in their own communities to avoid futile trips either to Redding or to Los Angeles.

Shasta Dam, for which bids were opened yesterday by the Bureau of Reclamation in Sacramento, will be the second largest concrete dam in the world, both as to height and mass. Its only rivals will be Boulder Dam, completed by the Bureau on the Colorado River, and Grand Coulee Dam under construction by the Bureau on the Columbia River.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't
1310	Barrett	Paramount	1500
1311	Christensen	Owner	4000
1312-3	Christensen	Owner	1500
1314-5	Christensen	Owner	7000
1316	Ghielmetti	Mohr	3500
1317	Isaacs	Owner	4500
1318	Lachman	Owner	2800
1319	McHugh	Owner	7000
1320	McHugh	Owner	7500
1321	Simon	Presco	1200
1322	Stoneson	Owner	5000
1323-6	Stoneson	Owner	5500
1327	Burke	Owner	1250
1328	Escala	Bourleu	2000
1329	Lacey	Owner	3000
1330	Simon	Mills	2500
1331	Amer. Sec.	Mattock	8000
1332-3	Francischi	Owner	8000
1334	Iverson	Tuohy	1500
1335	Larsen	State	4000
1336	Lexington	Carlson	5500
1337-9	Lindsay	Owner	3500
1340	Lurie	Cahill	43500
1341	Rivielo	Lindsay	3500
1342	Roe	Mattock	4000
1343	Whittell	Mattock	27000
1344	Am. Sec.	Mattock	8000
1345	Arco	Owner	4000
1346	Fioli	Berg	3000
1347	Foley	Owner	2500
1348	Kelly	Gray	6000
1349	Paulson	Actna	6000
1350-1	Peterson	Owner	3500
1352	Standard	Owner	3500
1353	Stoneson	Owner	5500
1354	Stoneson	Owner	3500
1355	Stoneson	Owner	3000

ALTERATIONS

(1310) 641 BUSH ST. Alter restaurant.
Owner—Ed Barrett, Prem.
Contractor—Paramount Artisans,
1167 Mission St.
Architect—Not Given. \$1500

DWELLINGS (3)

(1311) W. 4TH AVE., 25-50-75 N ANZA. Three 1-story and basement frame dwellings.
Owner—H. Christensen, 1801 19th Ave.
Architect—Not Given. \$4000 ea.

DWELLING

(1312) NW 47TH AVE. AND ANZA. One-story and basement frame dwelling.
Owner—H. Christensen, 1801 19th Ave.
Architect—Not Given. \$4500

DWELLINGS (5)

(1313) W. 47TH AVE., 100-125-150-175-200 N ANZA. Five 1-story and basement frame dwellings.
Owner—H. Christensen, 1801 19th Ave.
Architect—Not Given. \$4500 ea.

FRAME FLAT

(1314) W. 21ST AVE, 50 S JUDAH. Two-story and basement frame flat.
Owner—H. Christensen, 1801 19th Ave.
Architect—Not Given. \$7000

FRAME FLATS

(1315) W. 21ST AVE, 25 S JUDAH. Two-story and basement frame flats.
Owner—H. Christensen, 1801 19th Ave.
Architect—Not Given. \$7000

DWELLING

(1316) W. THORNTON, 50 SW OF WATERVILLE. One-story and basement frame dwelling.
Owner—Walter Ghielmetti, 4482 Mission St.
Contractor—Rudolph Mohr & Sons, 4482 Mission St.
Architect—Not Given. \$3500

DWELLINGS (3)

(1317) S. LOS PALMOS, 1092-1190-1225 E HAZELWOOD. Three 1-story and basement frame dwellings.
Owner—H. H. Isaacs, 1149 Cole St.
Architect—Not Given. \$4500 ea.

FRAME FLATS

(1318) N. CALIFORNIA, 20 W OF JOYCE ST. One-story and basement frame flats.
Owner—H. G. Lachman, 860 California.
Architect—Not Given. \$2800

FRAME FLATS

(1319) E. 30TH AVE., 37 S ANZA. Two-story and basement frame flats.
Owner—M. A. McHugh, c/o Architect.
Architect—H. C. Baumann, 251 Kearny St. \$7000

FRAME FLATS

(1320) SE 30TH AND ANZA. Two-story and basement frame flats.
Owner—M. A. McHugh, c/o Architect.
Architect—H. C. Baumann, 251 Kearny St. \$7500

ALTERATIONS

(1321) 2923 JACKSON ST. Alter flats.
Owner—E. G. Simon, Prem.
Contractor—P. Presco & Sons, 250 Langton Ave.
Architect—Not Given. \$1200

DWELLING

(1322) E. WOODACRE, 398 N OF OCEAN AVE. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5000

DWELLING

(1323) E. BEACHMONT, 183 S OF SLOAT BLVD. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5500

DWELLING

(1324) E. BEACHMONT, 231 S OF SLOAT. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5500

DWELLING

(1325) SE BEACHMONT & SLOAT. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5500

DWELLING

(1326) E. WOODACRE, 342 N OF OCEAN. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5500

ALTERATIONS

(1327) 159 SOUTH PARK. Alter shop.
Owner—Edward Burke, San Rafael.
Architect—Not Given. \$1250

ALTERATIONS

(1328) 721-25 ASHBURY ST. Alter flats.
Owner—R. Escala, 1790 Haight St.
Contractor—J. B. Bourleu, 2625 20th Street.
Architect—Not Given. \$2000

DWELLING

(1329) W. 47TH AVE., 400 N OF RIVERA. One-story and basement frame dwelling.
Owner—E. H. Lacey, Glendale.
Architect—Not Given. \$3000

SERVICE STATION

(1330) SW 33RD AVE AND TARAVAL. One-story steel service station.
Owner—Simon & Simon, c/o Contractor.
Contractor—Mills Constr. Co., Santa Fe Bldg.
Architect—Not Given. \$2500

ALTERATIONS

(1331) 2440 PACIFIC AVE. Alter dwelling.
Owner—American Securities Co., c/o Contractor.
Contractor—A. F. Mattock, 212 Clara St.
Architect—Not Given. \$8000

DWELLING

(1332) S. MARINA BLVD., 78 W. BAKER ST. Three-story frame dwelling.
Owner—L. Francischi, 3636 Baker Street.
Architect—Not Given. \$8000

DWELLING

(1333) S. MARINA BLVD., 78 W. BAKER ST. Three-story frame dwelling.
Owner—L. Francischi, 3636 Baker Street.
Architect—Not Given. \$8000

ALTERATIONS

(1334) 1901-09½ DIVISADERO ST. Alter dwelling.
Owner—C. A. Iverson, 1539 10th Ave.
Contractor—Jos. Tuohy, 825 Central Ave.
Architect—Not Given. \$1500

DWELLING

(1335) W. ALEMANY, 50 N LYLE. One-story and basement frame dwelling.
Owner—G. Larsen, 89 Cayuga St.
Contractor—A. State, 190 Moneta Way.
Architect—Not Given. \$4000

FRAME FLATS

(1336) W. 9TH AVE., 225 N MORAGA. Two-story and basement frame flats.
Owner—Lexington Corp., 1915 Irving St.
Contractor—Carlson & Nelson, 1306 38th Ave.
Architect—Not Given. \$5500

DWELLING

(1337) W. 40TH AVE., 150 S KIRKHAM. One-story and basement frame dwelling.
Owner—Boyd C. Lindsay, 1176 Alemany.
Architect—Not Given. \$3500

DWELLING

(1338) W. 40TH AVE., 200 S KIRKHAM. One-story and basement frame dwelling.
Owner—Boyd C. Lindsay, 1176 Alemany.
Architect—Not Given. \$3500

DWELLING
 (1339) W. 40TH AVE., 175 S KIRK-
 HAM. One-story and basement
 frame dwelling.
 Owner—Boyd C. Lindsay, 1176 Ale-
 many.
 Architect—Not Given. \$3500

ALTERATIONS
 (1340) NE VALLEJO ANL BAT-
 TERY. Alter warehouse.
 Owner—Lurie Co., 333 Montgomery
 St.
 Contractor—Cahill Bros., 206 San-
 some St.
 Engineer—F. W. Kellberg, 325 Mar-
 ket St.
 Architect—W. D. Peugh, 333 Mont-
 gomery St. \$43,500

DWELLING
 (1341) E. ALMADEN, 312 N ANZA.
 One-story and basement frame
 dwelling.
 Owner—Joe Riviello, 343 11th Ave.
 Contractor—Boyd C. Lindsay, 1176
 Alemany.
 Architect—Not Given. \$3500

ALTERATIONS
 (1342) 2590 GREEN ST. Alter
 dwelling.
 Owner—H. Roe, 212 Clara St.
 Contractor—A. F. Mattock, 212 Clara
 Street.
 Architect—Not Given. \$4000

ALTERATIONS
 (1343) 1155 CALIFORNIA ST. Al-
 ter apartments.
 Owner—Whittell Realty Co., c/o Con-
 tractor.
 Contractor—A. F. Mattock, 212 Clara
 Street.
 Architect—G. Dalley, 210 Post St.
 \$27,000

ALTERATIONS
 (1344) 2440 PACIFIC AVE. Alter
 dwelling.
 Owner—Amer. Securities Co., c/o
 Contractor.
 Contractor—A. F. Mattock, 212 Clara
 Street.
 Architect—Gardner A. Daily, 210
 Post St. \$8000

DWELLING
 (1345) SE CAYUGA AND NIAG-
 ARA. One-story and basement
 frame dwelling.
 Owner—Arco Bldg. Co., 5401 Mission
 St.
 Architect—Not Given. \$4000

ALTERATIONS
 (1346) 334 MARKET ST. Alter
 store.
 Owner—Fioli, Inc., 320 Market St.
 Contractor—Berg Bros., 682 42nd
 Ave.
 Architect—F. B. Hayne, 278 Post St.
 \$3000

ALTERATIONS
 (1347) 510 LARKIN ST. Alter tav-
 ern.
 Owner—A. Foley, 514 Larkin St.
 Architect—Not Given. \$2500

DWELLING
 (1348) N CEDRA WAY, 100 W OF
 OCEAN. Two-story and base-
 ment frame dwelling.
 Owner—Frank Kelly, 2 City Hall.
 Contractor—Harold E. Gray, 1732
 Palm Ave., San Mateo.
 Architect—Not Given. \$6000

DWELLING
 (1349) NE GARFIELD AND BEV-
 ERLY. Two-story and basement
 frame dwelling.
 Owner—J. E. Paulson, c/o Con-
 tractor.
 Contractor—Aetna Constr. Co., 1730
 24th Ave.
 Architect—Not Given. \$6000

DWELLING
 (1350) S. TRUMBULL, 150 E OF
 CONDON. One-story and base-
 ment frame dwelling.
 Owner—A. R. Peterson, 60 Cotter St.
 Architect—Not Given. \$3500

DWELLING
 (1351) S. TRUMBULL, 125 E OF
 CONDON. One-story and base-
 ment frame dwelling.
 Owner—A. R. Peterson, 60 Cotter St.
 Architect—Not Given. \$3500

DWELLINGS (14)
 (1352) W. 25TH AVE., 200 N OF
 LAWTON, AND W. 33RD AVE.,
 162-187-212-237-262-287-312-337 N.
 SANTIAGO, AND W. 34TH AV-
 ENUE, 25-50-75-150-175 S RIV-
 ERA. Fourteen (14) one-story
 and basement frame dwellings.
 Owner—Standard Bldg. Co., 1500 Ju-
 dah St.
 Architect—Not Given. \$3500 ea.

DWELLING
 (1353) E. BEACHMONT, 134 S OF
 SLOAT. Two-story and base-
 ment frame dwelling.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not Given. \$5500

DWELLINGS (9)
 (1354) W. ALEMANY, 97-123-149-
 175-201-227-252-278 S OTTOWA.
 Nine (9) one-story and basement
 frame dwellings.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not Given. \$3500 ea.

DWELLINGS (5)
 (1355) NE OTTOWA, 35-60-85-110-
 185 NW ROME. Five (5) one-
 story and basement frame dwell-
 ings.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not Given. \$3000 ea.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1241-3	Correia	Pickrell	3000
1244	Hopkins	Scammel	6500
1245	Thorp	Thorp	2000
1246	Bretherick	Owner	3500
1247	Hill	Owner	5000
1248	Lazier	Alley	4750
1249	Morse	Morse	4800
1250	Ryce	De Chene	4000
1251	Schwer	Larmer	9850
1252	Suffin	Parsons	5850
1253	Wisheropp	Owner	4000
1254	Wolff	Waldman	8000
1255	Barmby	Sorensen	1500
1256	Evans	Telgard	9800
1257	Farks	Owner	3000
1258	Sundin	Niska	3000
1259	Buxton	Salamid	3800
1260	Mentz	Johnson	6750
1261	French	Brien	4000
1262-3	Gould	Owner	3000
1264-5	W. Const. Co.	Owner	3000
1266	Brown	Bristol	7000
1267	Gartrell	Lynn	6500
1268	Hubbard	Owner	3500
1269	Oak. City	Owner	23000
1270	Schmidt	Owner	3850
1271	Sinz	Owner	3000
1272	Beckett	Owner	8500
1273	Beckett	Owner	12000
1274	Lee	Owner	3600
1275	Murphy	Spaulding	4850
1276	Pierson	Perkins	3500
1277	Shanis	Haulman	3800
1278	Conolley	Owner	3500
1279	Dooley	Owner	3900

DWELLING
 (1241) 1026 COURT ST. ALAME-
 DA. One-story 5-room dwelling.
 Owner—F. Correia, 1404 Park St.,
 Alameda.
 Contractor—J. H. Pickrell, 1738 Ala-
 meda Ave., Alameda.
 Architect—Not Given. \$3000

DWELLING
 (1242) 1022 COURT ST. ALAME-
 DA. One-story 5-room dwelling.
 Owner—F. Correia, 1404 Park St.,
 Alameda.
 Contractor—J. H. Pickrell, 1738 Ala-
 meda Ave., Alameda.
 Architect—Not Given. \$3000

DWELLING
 (1243) 1030 COURT ST. ALAME-
 DA. One-story 5-room dwelling.
 Owner—F. Correia, 1404 Park St.,
 Alameda.
 Contractor—J. H. Pickrell, 1738 Ala-
 meda Ave., Alameda.
 Architect—Not Given. \$3000

DWELLING
 (1244) 2966 NORTHWOOD DRIVE,
 ALAMEDA. One-story 6-room
 dwelling.
 Owner—James Hopkins, 2834 John-
 son Ave., Alameda.
 Contractor—J. W. Scammel, 424 Scen-
 ic Ave., Piedmont.
 Architect—Not Given. \$6500

REMODELING
 (1245) 1717 ALAMEDA AVE., ALA-
 MEDA. Remodeling.
 Owner—Vernor E. Thorp, Prem.
 Contractor—Vernor E. Thorp, Prem.
 Architect—Not Given. \$2000

DWELLING
 (1246) 3974 WHITTLE AVE., OAK-
 LAND. One-story 5-room dwell-
 ing.
 Owner & Builder—C. O. Bretherick,
 3982 Whittle Ave.
 Also 1-story garage, \$160.
 Architect—Not Given. \$3500

DWELLING
 (1247) 2115 DURANT AVE., OAK-
 LAND. One-story 6-room dwell-
 ing.
 Owner & Builder—R. Hill, 880 St.
 Mary Ave., San Leandro.
 Architect—Not Given. \$5000

STORE
 (1248) 3906-08 HOPKINS ST., OAK-
 LAND. One-story store.
 Owner—Mrs. Agnes Lozier, 247 Athol
 Ave.
 Contractor—Lesley E. Alley, 1621 Eu-
 cinal Ave., Alameda.
 Architect—Not Given. \$4750

DWELLING
 (1249) 7027 CHABOT RD., OAK-
 LAND. One-story 5-room dwell-
 ing.
 Owner—James E. Morse, Prem.
 Contractor—J. B. Morse, 433 51st St.
 Architect—Not Given. \$4800

DWELLING
 (1250) 10801 BEVERLY AVENUE,
 OAKLAND. One-story 5-room
 dwelling.
 Owner—Edward J. Ryce, 387 Melvin
 Court.
 Contractor—E. R. de Chene, 361 17th
 St.
 Also 1-story garage, \$200.
 Architect—Not Given. \$4000

DWELLING
 (1251) 5241 COCHRAN AVE., OAK-
 LAND. Two-story 8-room dwell-
 ing.
 Owner—E. C. Schiver, 5249 Cochran
 Ave.
 Contractor—Edward Larmer, 90
 Fairview Ave., Piedmont.
 Architect—Irwin Johnson, 2219 7th
 Ave. \$9850

DWELLING
 (1252) 4427 DAVENPORT AVE.,
 OAKLAND. Two-story 6-room
 dwelling.
 Owner—J. H. Suffin, Prem.
 Contractor—Parsons & Williams, 2262
 80th Ave.
 Architect—Not Given. \$5550

DWELLING
(1253) 4021 BARNES AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—W. H. Wisheropp, 3041 Wisconsin St.
Architect—Not Given. \$4000

DWELLING
(1254) 5136 BOND ST., OAKLAND. One-story 12-room 3-family dwelling.
Owner—Abele & Wolff, Prem.
Contractor—A. E. Waldman, 5409 Foothill Blvd.
Architect—Not Given. \$5000

ADDITION
(1255) 2527 DANA, BERKELEY. Addition.
Owner—Dr. Martha Barmby, Prem.
Contractor—Edw. M. Sorensen, 1907 Parker.
Architect—Not Given. \$1500

DWELLING
(1256) 605 ALAMEDA, BERKELEY. Two-story dwelling, and garage.
Owner—Kenneth R. Evans, 1723 Capistrano.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Architect—Dragon & Schmits, 2068 Allston Way. \$9800

DWELLING
(1257) 1156 KEITH, BERKELEY. One-story 6-room frame dwelling and garage.
Owner & Builder—R. F. Parks, 688 Grizzly Peak.
Architect—Not Given. \$4000

DWELLING
(1258) 2310 VALLEY ST., BERKELEY. One-story 4-room frame dwelling.
Owner—Harry Sundin, Prem.
Contractor—A. Niska, 1142 Allston Way.
Architect—Not Given. \$3000

DWELLING
(1259) 51 CHILTON LANE, OAKLAND. One-story 5-room dwelling.
Owner—W. Buxton, 904 Blair Ave.
Contractor—Hill & Salamid, 5359 College Ave.
Architect—Not Given. \$3800

DWELLING
(1260) 657 CAPELL ST., OAKLAND. One-story 5-room dwelling.
Owner—A. Mentz, 880 Capell St.
Contractor—L. Johnson & Son, 223 Greenbank Ave., Piedmont.
Architect—Irwin Johnson, 372 17th St. \$6750

DWELLING
(1261) 1 WHITAKER, BERKELEY. One-story 5-room frame dwelling.
Owner—O. M. French, 779 Hildale.
Contractor—Colby & O'Brien, 2425 Sacramento.
Architect—Not Given. \$4000

DWELLING
(1262) 944 KAINS, ALBANY. One-story 5-room frame dwelling.
Owner & Builder—Gould & Kane, Inc., 1665 Thousand Oaks.
Architect—B. R. Hardman, Berkeley.

DWELLING
(1263) 942 KAINS, ALBANY. One-story 5-room frame dwelling.
Owner & Builder—Gould & Kane, Inc., 1665 Thousand Oaks.
Architect—B. R. Hardman, Berkeley.

DWELLING
(1264) 1571 9TH ST., BERKELEY. One-story 5-room frame dwelling and garage.
Owner & Builder—Western Con. Co.,

1305 ranklin St., Oakland.
Architect—Not Given. \$3000

DWELLING
(1265) 1531 9TH ST., BERKELEY. One-story 5-room frame dwelling and garage.
Owner & Builder—Western Con. Co., 1305 Franklin St., Oakland.
Architect—Not Given. \$3000

OFFICE BLDG.
(1266) 1916 FRANKLIN STREET, OAKLAND. One-story concrete office building.
Owner—Edward Brown & Sons, San Francisco, Cal.
Contractor—Mark Bristol, 1038 McKinley Ave.
Architect—Geo. Ellinger, 1801 Castertline Road. \$7000

DWELLING
(1267) 4908 HARBORD DR., OAKLAND. One-story 5-room dwelling.
Owner—Thorald Gartrell, 5827 Patton Street.
Contractor—Willis F. Lynn, 1037 Ashmont Ave.
Architect—F. B. Comstock, 5827 Patton St. \$6500

DWELLING
(1268) 7614 VALENTINE ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—J. F. Hubbard, 5412 Proctor Ave.
Architect—Not Given. \$3500

ADDITION
(1269) W LAKE MERRITT BET. 14TH AND LAKE STS. Addition to boathouse.
Owner & Builder—City of Oakland, City Hall.
Architect—Not Given. \$23,000

DWELLING
(1270) 3153 EASTMAN AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—A. K. Schmidt, 3936 Elston Ave.
Architect—Not Given. \$3950

DWELLING
(1271) 6014 LEONA ST., OAKLAND. One-story 4-room dwelling.
Owner & Builder—Carl W. Sinz, Jr., 2504 23rd Ave.
Architect—Not Given. \$3000

RESIDENCE
(1272) 225 SCENIC AVE., PIEDMONT. Two-story 8-room residence and garage.
Owner & Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Harry A. Bruno. \$8500

RESIDENCE
(1273) 547 BLAIR AVENUE, PIEDMONT. Two-story 9-room frame residence and garage.
Owner & Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder. \$12,000

DWELLING
(1274) 920 REGENT ST., ALAMEDA. One-story 5-room dwelling.
Owner—Samuel Lee, 1500 Versailles Ave., Alameda.
Architect—Not Given. \$3600

DWELLING
(1275) 1815 PEARL ST., ALAMEDA. One-story 6-room dwelling.
Owner—A. Murphy, Prem.
Contractor—F. Spaulding, 1511 Union St., Alameda.
Architect—Not Given. \$4850

DWELLING
(1276) 1346 CORNELL, BERKELEY. One-story 5-room frame dwelling and garage.

Owner—Chas. U. Pierson, 1517 Shattuck.
Contractor—H. B. Perkins, 1511 Woolsey St.
Architect—L. Howard, 1930 Stuart St., Berkeley. \$3500

DWELLING
(1277) 1604 SCHILLER ST., ALAMEDA. Two-story 4-room dwelling.
Owner—J. C. Shanis, 1821 Lincoln Ave.
Contractor—P. R. Haulman, 1249 Broadway, Alameda.
Architect—Not Given. \$3800

DWELLING
(1278) 2016 106TH AVE. One-story 5-room dwelling.
Owner & Builder—E. D. Conolley, 85 2nd St., San Francisco.
Architect—Not Given. \$3500

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
318 Nathland	Baldwinson	5250
319 W. L. S.	Rosemont	1084

DWELLING
(318) S. DUNCAN, 80 E. NOE ST. One-story and basement frame dwelling.
Owner—Lawritz C. and Jennie C. Nathland.
Contractor—Ingvar Baldwinson.
Filed May 27, '38. Dated Apr. 25, '38
Roof on \$1312.50
Brown coated 1312.50
Completion 1312.50
Usual 35 days 1312.50
TOTAL COST, \$5250.00
Limit, 140 days.

REPAIRS
(319) NE O'FARRELL AND POLK STS. Repair floor slab.
Owner—Western Land Securities Co., Premises.
Architect—Joseph L. Stewart, 206 Sansome St.
Contractor—Ed Rosemont, 176 Du-boce.
Filed June 1, '38. Dated May 26, '38
Completion \$813
Usual 35 days 271
TOTAL COST, \$1084.00
Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner	Contractor	Amt.
189 Glass <td>Lynn <td>9247</td> </td>	Lynn <td>9247</td>	9247

DWELLING, ETC.
(189) BERKELEY, CALIF. S SIDE TWIN AVE., LOTS 25-26, BLK. 7. CRAGMONT BERKELEY. Frame dwelling and garage and studio.
Owner—Everett and Marie H. Glass.
Architect—W. W. Wurster, S. F.
Contractor—Willis F. Lynn, 1037 Ashmont Ave., Oakland.
Filed June 1, '38. Dated May 31, '38
Frame up, roof on \$2311.75
1st coat plaster 2311.75
Completion 2311.75
Usual 35 days 2311.75
TOTAL COST, \$9,247.00
Limit Sept. 1, 1938. Plans and specifications filed.

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$80; 130 Woodland Way, Piedmont; owner, Mr. Todd, 130 Woodland Way; contractor, Alpine Wood & Supply Co., 2846 Shattuck Ave.
REROOF, \$170; 2805 California, Berkeley; owner, W. M. Fields, Prem.; contractor, Amer. Roofing Co., 383 40th St., Oakland.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Schools |
| 7.—Federal Buildings | 17.—Banks, Stores and Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Under Construction
APARTMENTS Cost, \$75,000
SACRAMENTO, Cal. SE Cor. 15th and O Sts.

Three-story frame and stucco apt. bldg. to contain 22 apts. and two 5-room penthouses.

Owner & Builder—Wright & Kimbrough, 837 J St., Sacramento.

Architect—Not Given.
 Construction started this week.

Preparing Sketches
APARTMENTS Cost, \$.....
SAUSALITO, Marin Co., Calif.
 Terraced apartment building to contain four 4-rm. apartments.

Owner—Withheld.
Architect—John H. Ahndsen, 822 39th Ave., San Francisco.

3—CHURCHES

Contract Awarded
ALTERATIONS Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 between 3rd and 4th Sts.

New vestibule doors, vestment cases, sacristy, etc.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.

Architect—Arnold Constable, 580 Market St.

Contractor—Braas & Kuhn Co., 1919 Bryant St.

Contract Awarded
CHURCH Cost, \$29,100
SAN JOSE, Santa Clara Co., Calif.
 80 South Fifth Street.

New edifice to replace church recently destroyed by fire.

Owner—First Christian Church.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Contractor—W. E. Reese, Route 1, Box 433-D, San Jose.

Now Taking Segregated Bids
CHURCH Cost, \$.....
WEST OAKLAND, Alameda Co., Cal.
 Frame and stucco church building; social hall.

Owner—Golden Gate Methodist Episcopal Church.
Architect—Geo. P. Simonds, 80 Main St., Hayward.

The architect is now taking segregated bids until June 2, 5 p.m., for plastering, concrete, tar and gravel roofing, and lumber.

4— FACTORIES & WAREHOUSES

Bids Opened
WAREHOUSE AND OFFICE Cost, \$.....

SANTA ROSA, Sonoma Co., Cal.
 Reinforced concrete building (40 x 80 ft.), to contain coolers, offices and storage space; cork insulation, composition roof, concrete floors, etc.

Owner—Challenge Cream & Butter Association.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—A. M. Hildebrandt, 404 4th St., Santa Rosa—\$9,492.

Complete bids follow:
 A. M. Hildebrandt, S. R. \$9,192
 Wm. D. Rapp, Santa Rosa 9693
 C. Hansen, Santa Rosa 9800
 Jos. Chirhart, Santa Rosa 9979
 N. R. Nicolson, Sausalito
 Walter L. Olsen, S. R. 10,944

Contract Awarded
ALTERATIONS Cost, \$45,000
SAN FRANCISCO, NE Vallejo and Battery Sts.

Alterations to warehouse.
Owner—Lurie Co., 333 Montgomery Street.

Architect—W. D. Peugh, 333 Montgomery St.

Engineer—F. W. Kellberg, 320 Market St.

Contractor—Cahill Bros., 706 Sansome St. * 4

5—FLATS

Plans Completed
FLATS Cost, \$.....
SAN FRANCISCO, Chestnut St. bet. Polk and Larkin Sts.

Two 5-room flats (frame and stucco construction, canvas walls, gas-fired steam heating system, asphalt shingle roof, hardwood floors).

Owner—Withheld.
Architect—John H. Ahndsen, 822 39th Avenue.

Contractor—Sbarboro and Jorgensen, 207 Walnut St.

6—GARAGES & SERVICE STATIONS

Completing Working Drawings
COUNTY BLDG. Cost, \$.....
OAKLAND, Alameda Co., Calif. S. 13th St. bet. Jackson and Madison Streets.

Steel and reinforced concrete county garage and justice courts bldg.
Owner—County of Alameda.

Architects—Henry A. Minton, Underwood Bldg., San Francisco, and Carl Werner, 1303 Bay St., Alameda.

Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans will probably be completed and bids asked within one month.

Plans Being Figured—Bids Close June 7

SERVICE STATION Cost, \$.....
MERCED, Calif. 16th St.
 New gasoline service station.
Owner—General Petroleum Corporation of California.

Plans by Engrg. Dept. of Owner.
 Plans are being figured by a selected list of contractors.

Under Construction
SERVICE STATION Cost, \$.....
WILLOWS, Glenn Co., Calif. Cor. of Sycamore and Tehama Sts.
 New gasoline service station.
Owner—General Petroleum Corporation of California.
Plans by Engrg. Dept. of Owner.
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

7—FEDERAL BUILDINGS

BIDS IN
FORT MASON, Cal.—Bids received June 1 by the War Dept. Office of the Port Quartermaster, Fort Mason, for installing four new steel rolling doors on old portion of Pier Shed No. 2 (Bldg. No. 47), Fort Mason are in and under advisement. Bids will probably be rejected and work readvertised.

BIDS OPENED
WOODLAND, Yolo Co., Cal.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at \$82, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for hand railings at the U. S. Post Office at Woodland.

Complete bids were:
 Anchor Post Fence Co., San Francisco—\$82.00.

Armke Iron Works, S. F.—\$110.00.
 Imperial Bronze Corp., Washington, D. C.—\$147.00.

Monarch Iron Works, S. F.—\$148.00
 M. Greenberg's Sons, S. F.—\$148.50.
 The Palm Iron Bridge Works, Box

S66, Sacramento—\$180.00.
 Nick Hemminga, S. F.—\$190.00.
 Edwin Pratt's Sons Co., Kankakee, Ill.—\$301.00. * 7

BIDS WANTED
SAN FRANCISCO—Until June 10, 11 a.m., bids will be received by the War Dept., Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing all labor and materials and performing all work for the fabrication of seventeen (17) units of twenty-one (21) portable demountable buildings each, and one (1) unit of six (6) portable demountable buildings, for C C camps within the Ninth Corps Area.

Plans and specifications may be obtained from the above office upon deposit of \$10 certified check, payable to Quartermaster, Ninth Corps Area.

BIDS OPENED
SAN FRANCISCO—Nick Hemminga, 627 38th Ave., at \$1,350, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for partition changes, etc., at the Federal Office Bldg., San Francisco.

Only other bid submitted by Anderson & Rowe, at \$1,395.

BIDS OPENED
ALCATRAZ, Cal.—California Laundry Equipment Co., at \$8,160 submitted low bid to the Bureau of Prisons U. S. Penitentiary, Alcatraz, for furnishing and installing eight sets of 30-inch laundry extractors and one 24-inch starch extractor; Spec. No. 60; Invt. No. PI-354.

Other bids were:
 Fletcher Works \$8,353.00
 U. S. Hoffman Mch. Corp. 8,479.00
 Troy Laundry Machinery 9,184.25
 American Laundry Mch. Co. 9,975.00

June 2, 1938

CONTRACT AWARDED

RENO, Nev.—H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, at \$31,454 awarded contract by the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto, Cal., for plumbing, heating and electrical work at Veterans' Administration Facility, Reno, Nev., Treatment Building No. 1.

Work will include plumbing, heating, ventilation of the kitchen, boiler plant, oil burners, electrical work, outside electrical service connections, nurses' call system, etc.

(900) 1st report April 18; 2nd, May 7, 1938.

BIDS WANTED

LUALUALEI, T. H.—Until June 22, 2:30 p. m., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for replacing Corona Shields, Radio towers, at Lualualei, T. H.; Spec. 8568; estimated cost, \$46,500.

Plans and specifications may be obtained from the Commandant, 12th Naval District, San Francisco, Cal.

Bids will be opened simultaneously on June 22nd, at Washington, D. C., 2:30 p. m., and at Pearl Harbor, 9:00 a. m.

CONTRACT AWARDED

WHIPPLE, Ariz.—King Machine & Mfg. Co., 1171 E. 32nd St., Los Angeles, at \$9,209 awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for passenger elevator in Main Building No. 107, at Whipple.

CONTRACT AWARDED

THE DALLES, Oregon.—Harrison Jones, 704 Calhoun St., The Dalles, Ore., at \$2,535 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior painting and miscellaneous repairs at the U. S. P. O., The Dalles.

BIDS WANTED

EVERETT, Wash.—As previously reported, until June 13, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a new boiler and oil burner at the U. S. P. O. at Everett.

Specifications (if any) obtainable from the above office and from the custodian of the building at Everett.

CONTRACT AWARDED

WENDOVER and Plymouth, Utah.—John Bernston, Salt Lake City, at \$11,480.90 awarded contract on items 3 and 4 by the Chief of Division of Purchases & Sales, U. S. Department of Commerce, Washington, D. C., for erection of five steel towers and radio facility buildings at Wendover and Plymouth, Utah. Proposal No. 29032.

Bids submitted on items 1 and 2 were rejected.

Preparing Plans

POSTOFFICE Cost, \$.....
BANY, Alameda Co., Cal.
One-story frame postoffice building (35 x 75 ft.).

Owner—The Misses Moore, c/o Archt. Architect—Arnold Constable, 580 Market St., San Francisco.

CONTRACT AWARDED

MT. SHASTA, Siskiyou Co., Cal.—Edward Green, 3025 St. George St., Los Angeles, at \$5,503, awarded contract on items 1 and 2 by the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for erecting a loop antenna

system and radio facility building near Mount Shasta. Proposal 29130.

CONTRACT AWARDED

SPOKANE, Wash.—Chas. Dahlgren, Seattle, Wash., at \$9,856, was awarded contract on items 1 and 2 by the Division of Purchases and Sales, U. S. Dept. of Commerce, Washington, D. C., for construction of Acock Tower Antenna and Radio Facility sldg. near Spokane. Proposal 29116.

BIDS WANTED

FORT LYON, Colo.—Until June 28, 1:30 P. M., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for Marble and Tile in Building No. 201, at Fort Lyon, Colo.
Drawings and specifications may be obtained at the above office or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif.

Plans Being Figured

APARTMENTS Cost, \$.....
SAN FRANCISCO. Sutter Street nr. Gough Street.

Construction of apartment house.

Owner—Withheld.
Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francis Drake Hotel.

Frank J. Reilly Co., 6350 Fulton St., is figuring plans and desires sub-bids not later than June 3 on all portions of the work.

Proposed

AIR BASE Est. Cost, \$10,000,000
FAIRBANKS, Alaska.

The base would consist of eight hangars to cost about \$2,800,000; officers' quarters, \$1,535,000; non-commissioned officers' quarters, \$1,085,000; barracks, \$600,000; other buildings and installations, \$2,088,450; runways, drainage and technical buildings, \$1,418,300.

Owner—U. S. Government, Army Department.

According to plans, about 111 officers would constitute the commissioned personnel of the base, with 129 non-commissioned officers and 600 enlisted men.

The estimate, exclusive of the price of the site, improvement of landing field, drainage, and other technical problems based on the Fairbanks site are tentative.

Proposal now under way for approval by the President.

Preparing Plans

QUARTERS, ETC. Cost, \$.....
COCO SOLO, Canal Zone. Fleet Air Base.

Quarters for chief petty officers (\$180,000); extension of hangar No. 101 (\$140,000).

Owner—U. S. Govt., Bureau of Yards and Docks, Navy Dept., Washington, D. C.

Preparing Plans

QUARTERS Cost, \$.....
COCO SOLO, Canal Zone. Submarine Base.

Quarters and accessories for chief petty officers (\$288,000); quarters, etc., for officers (\$360,000).

Owner—U. S. Government, Bureau of Yards & Docks, Navy Department, Washington, D. C.

Preparing Plans

OFFICERS' QUARTERS Est. Cost, \$40,000
BALBOA, Canal Zone. Naval Sta.

Four units of Officers' Quarters, not to exceed \$10,000 per unit.

Owner—U. S. Government, Bureau of Yards & Docks, Navy Department, Washington, D. C.

BIDS WANTED

MARTINEZ, Contra Costa County, Cal.—Until June 17, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Martinez, Calif.

Specifications may be obtained from the above office and from the Custodian of the Building.

BIDS WANTED

CENTRALIA, Wash.—Until June 21, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Post Office at Centralia, Wash.

BIDS WANTED

SELMA, Fresno Co., Calif.—Until June 21, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Post Office, at Selma, Cal.

Specifications may be obtained from the above office or from the Custodian of the Building at Selma.

BIDS OPENED

LOS ANGELES, Cal.—Lee Mead House Wrecking Co., 8226 Atlantic Ave., Bell, submitted the best offer to the Procurement Division for clearing certain portions of the site of the proposed new U. S. Parcel Post building to be built on the NE corner of Alameda and Macy Streets. Mead proposes to clear the site and pay the government \$1385 for the salvage. Work included will consist of removing a two-story brick bldg. and several timber frame and galvanized iron structures.

*Complete bids follow:

Lee Mead Wrecking Co.,
Bell(a) \$1385
Acme Wrecking & Lumber
Co., Los Angeles.....(a) 1313
California Wrecking & Lbr.
Co., Los Angeles.....(a) 1000
Patern-Brill Lbr. Co., L. A.....(a) 634
Starr-Lbr. & Wrecking Co.,
Los Angeles.....(a) 594
Whiting-Mead Co., L. A.....(b) 790
Los Angeles Wrecking Co.,
Inc., L. A.....(b) 975
Robt. E. McKee, L. A.....(b) 4800
* (a) Contractor pays U. S.; (b)
U. S. pays Contractor. 7

BIDS OPENED

KAKE and KODIAK, Alaska.—McPherson and Pongratz, Anchorage Alaska, at \$19,500 on Item 1 (Kake) and item 2 (Kodiak) submitted low bid to the U. S. Dept. of the Interior, Indian Service, Washington, D. C., for construction of Nurses' Quarters and Dispensary at Kake and Kodiak, Alaska.

Other bids were:

Boyer & Jensen, Juneau, Alaska,
(Items 1 and 2) \$19,785.
MacDonald Const. Co., St. Louis, Mo.,
(Items 1 and 2), \$20,400.
Robert J. Sommers, Juneau, Alaska,
(Item 2 only) \$9,375.
Peterman Const. Co., Juneau, Alaska,
(Item 1 only) \$10,844.

BIDS WANTED

EVERETT, Wash.—Until June 13, bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for a new boiler at the U. S. Post Office at Everett, Wash.

BIDS WANTED

TRINIDAD, Colo.—Until June 16, 2 P. M., bids will be received by the Division of Purchases & Sales Department of Commerce, Washington, D. C., for erecting five 132-ft. steel towers and a 16x32-ft. prefabricated,

sectional, steel frame building at Trinidad, Colo. Pro. 29182.

The contractor will construct concrete foundations, driveway, fence, etc., and the Government will furnish the towers, the building and certain special equipment. Radio transmitter equipment will not be required under this contract. Principal items of work in all are about 800 c.y. of earthwork; 100 c.y. of concrete; 7,000 lbs. of reinforcing steel; 150 rods of fencing.

BIDS OPENED

EUGENE, Ore.—Odom Constr. Co., Oregon City, Ore., at \$10,039, submitted low bid on items 1 and 2 to the Division of Purchases & Sales, Dept. of Commerce, Washington, D. C., for erecting of Adcock Tower Antenna system and Radio Facility Bldg., at Eugene; Prop. 29160.

Total bids follow:
Odom Constr. Co., Oregon City—\$10,039.

Viesko & Hannaman, Salem, Ore.—\$10,000.
Contracting & Sales Co., Portland—\$10,365.35.

Geo. Isackson, Portland, Oregon—\$10,890.65.
Lembke Constr. Co., Albuquerque—\$11,485.40.

Wickes Engrg. & Constr. Co., Des Moines, Iowa—\$11,584.
Wm. C. Schmitt, Portland, Ore.—\$11,775.

Henry L. Grohne, Decatur, Ill.—\$11,957.75.
West Coast Constr. Co., Seattle—\$12,215.35.

Pacific Riggers, Seattle, Wash.—(Item 1, only), \$7,739.75.

BIDS OPENED

SACRAMENTO, Cal.—West Coast Linoleum & Carpet Stores, 2703 Mission St., San Francisco, at \$342 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for linoleum floor covering and acoustic tile walls and ceilings, at the U.S.P.O., Court House, etc., at Sacramento.

Complete bids follow:
West Coast Linoleum & Carpet Company \$ 342
Turner Resilient Floors..... 1,897
Western Asbestos Company..... 2,775
Van-Fleet-Freear Company..... 3,150
Robt. L. Cramer Co..... 3,170
Nick Hemminga 3,250
Peterson - Cobby Company..... 3,367
All of San Francisco.

Preparing Plans

POWER PLANT Est. Cost, \$500,000
PEARL HARBOR, T. H. 14th Naval District.

Power plant building and accessories
Owner—U. S. Government, Navy Department, Bureau of Yards and Docks, Washington, D. C.

BIDS WANTED

LOS ANGELES, Calif.—Until July 12, 1:30 P. M. (as previously reported) bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for construction of female domiciliary barrack building No. 220, containing approximately 395,000 cu. ft., at Veterans' Administration Facility, Los Angeles. Est. cost, \$186,500.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, slate stair treads, marble work, terrazzo, floor and wall tiling, compressed asphalt tile, water-tile, iron and steel work, steel stairs, steel shelving, tile roofing, metal studs, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, electric eleva-

tor, outside services, and such other items as shown or specified.

Separate bids will be received for (1) general construction, including plumbing, heating, and electrical work; (2) electric elevator; all as set forth on Bid Form.

Drawings and specifications may be obtained from the above office or from the Supervising superintendent of Construction, Veterans' Administration Facility, Palo Alto.

OPENING DATE POSTPONED

PEARL HARBOR, T. H. — Until June 1 (postponed from May 25), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for additions to Bachelor Officers' Quarters, Fleet Air Base, Pearl Harbor; Spec. 8714. Estimated cost, \$65,000.

Work consists of wood frame additions to the wings, complete.

Bids Wanted—To Close June 30, 1:00 P. M.

POST OFFICE Est. Cost, \$248,000
EUGENE, Oregon.
Construction of U. S. Post Office.
Owner—U. S. Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

CONTRACT AWARDED

LAS VEGAS, N. M.—Draper and Schanche, 401 Shenandoah Avenue NW, Roanoke, Va., at \$11,009.25 was awarded contract on items 1 and 2 by the Division of Purchases & Sales, U. S. Dept. of Commerce, Washington, D. C., for construction of Adcock Tower Antenna and Radio Facility Building at Las Vegas, N. M. Prop. 29103.

CONTRACT AWARDED

CENTRALIA, Wash. — Portland Roofing & Waterproofing Co., Couch Bldg., Portland, Ore., at \$965, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for exterior waterproofing at the U. S. Post Office at Centralia.

8— CLUB BUILDINGS

Plans Being Figured—Bids Close June 8, 5 P. M.

RECREATION CENTER
Estimated Cost, \$25,000
WEST BERKELEY, Alameda Co., Calif. Y.M.C.A.

One- and part two-story wood frame recreation center building with gymnasium (50x85-ft.)

Owner—Young Men's Christian Assn. Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.

Plans are being figured by a selected list of contractors.

9— HOSPITALS

Contract Awarded
SMOKE STACK Cont. Pr., \$10,895
YOUNTVILLE, Napa Co., Cal. Veterans' Home.

Erection and Completion of a concrete smoke stack approx. 10 ft. square by 91 ft. 6 in. high, lined with fire brick. Work in addition to concrete stack comprises furnishing and connecting new metal breeching to existing steel stacks and to new concrete stack; relocating existing pipe lines to permit installation of stack.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Contractor—Albert E. Mangs Associates, 666 Mission St., San Francisco.

Bids Opened
DETENTION COTTAGES
ELDRIDGE, Sonoma Co., Cal. Sonoma State Home.

Erection and completion of two on-story reinforced concrete detention buildings with hollow tile partitions, steel sash, wood roof construction and shingle tile roof covering together with steam service conduit, manholes, wire fencing, yard paving and road work.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Low Bidder—Carl M. Swenson Co., 355 Stockton Ave., San Jose, \$163,950.

Separate bids were received as follows: (1) general work; (2) electric work; (3) plumbing work, and (4) heating work.

Complete bids follow:
General Work
Carl N. Swenson Co., 355 Stockton Ave., San Jose...\$163,950
Campbell Const. Co., Sacto. 168,221
K. E. Parker Co., S. F. 171,677
Moore & Roberts, S. F. 174,977
Herbert Mayson, L. A. 179,000
C. L. Wold Const. Co., S. F. 180,325
Azedo Const. Co., Sacto. 183,090
B. A. Howkins Co., S. F. 184,920

Electric Wiring
Alta Elec. & Mech. Co., Inc., 467 O'Farrell St., S. F. \$7,113
Guilbert Brothers Elec. Co., San Jose 7,718
Cory & Joslin, Inc., S. F. 8,200
Scott-Buttner Elect. Co., Oakland 8,253
Roy M. Butcher, San Jose 8,415
N. A. Russell, Santa Rosa 8,850
A. R. Ochs, Berkeley 9,000

Plumbing Work
M. R. Carpenter, 907 Front St., Sacramento \$19,214
Jas. A. Nelson, Inc., S. F. 20,758
Skelly & Kohler, S. F. 22,900
Scott Co., Inc., S. F. 25,777

Heating Work
Cory & Joslin, Inc., 50 Hawthorne St., San Francisco. \$26,000
M. R. Carpenter, Sacto. 26,444
Pacific Htg. & Vent. Co., Oakland 27,484
James A. Nelson, Inc., S. F. 27,842
Alta Elec. & Mech. Co., S. F. 27,860
Miller Hays Co., Stockton 28,574
Skelly & Kohler, S. F. 29,000
M. F. Reeves Htg. Co., S. F. 30,432
James H. Pinkerton Co., S. F. 31,150
Scott Co., Inc., S. F. 31,217
W. A. Aschen, Oakland 32,680
Knittle Bros., San Francisco... 35,555

Contracts Awarded
LAUNDRY BLDG. Cost, \$.....
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.

Erection and completion of addition to laundry building, consisting of a one-story reinforced concrete addition to existing laundry with hollow tile partitions, steel windows, shingle tile and composition roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

General Work
Moore & Roberts, 693 Mission St., San Francisco, \$51,137.

Electric Wiring
Eddy Electric & Mechanical Co., 309 E. Weber Ave., Stockton, \$7,500.

Mechanical Work
Scott Co., Inc., 243 Minna St., San Francisco, \$16,537.

Sub Contracts Awarded
WARD UNIT Cont. Pr., \$296,800
AGNEW STATE HOSPITAL, Santa
Clara Co., Calif.

Erection and completion of Ward
Unit No. 3 at Farm, to consist
of two-story reinf. conc. building
with hollow tile partitions, steel
sash, wood roof construction and
tile roof covering, together with
approx. 1900 lin. ft. of road work,
miscellaneous concrete sidewalks,
and concrete manholes.

Owner—State of California.
Architect—Geo. B. McDougall, State
Architect, Public Works Building,
12th and N Sts., Sacramento.
Contractor—K. E. Parker Co., 135 So.
Park, San Francisco.

Lathing and Plastering—P. H. Don-
nelly Co., 354 Hobart St., Oak-
land.

Steel Windows—Soule Steel Co., 1750
Army St., San Francisco.
Structural Steel—Golden Gate Iron
Works, 1541 Howard St., San
Francisco.

Miscellaneous Steel and Ornamental
Iron—Michel & Pfeffer Iron
Works, Inc., 10th and Harrison
Sts., San Francisco.

Reinforcing Steel Bars—Ceco Steel
Products Corp., 1280 Indiana St.,
San Francisco.

Masonry—Reed & Reed, 1131 Hearst
Bldg., San Francisco.

Painting—John F. Ecker, 17 W. Pop-
lar St., Stockton.

Glass—W. P. Fuller Co., 301 Mis-
sion St., S. F.

Roofing—Alta Roofing Co., 976 In-
diana St., San Francisco.

Sheet Metal—W. F. Serpa, 497 N.
13th St., San Jose.

Preparing Preliminary Plans
ADDITION Est. Cost, \$140,000
HANFORD, Kings Co., Calif. Kings
County Hospital.

Construction of addition to the Kings
County Hospital.

Owner—County of Kings.
Architect—Ernest J. Kump, Rowell
Bldg., Fresno.

Application has been filed for
PWA grant in amount of 45% of
cost.

10—HOTELS

Preparing Plans
REMODEL HOTEL Cost, \$.....
PASA ROBLES, San Luis Obispo Co.,
Calif. Pasa Robles Hotel.

General remodeling of interior of
hotel; outdoor cocktail bar and
landscaping.

Owner—Wishfield.
Architect—Hertzka & Knowles, 369
Pine St., San Francisco.
Landscape Architect—T. D. Church.

PLANS BEING FIGURED

ALBUQUERQUE, N. Mex.—Arch.
Anton F. Korn, Dallas, Texas, has
completed plans and is taking bids,
to be opened June 20, for a 10-story
class A hotel building to be erected
on the southwest corner of Second
Street and Copper Avenue, Albuquer-
que, for E. John Greer and Nathan
Salmon of Santa Fe. The building
will contain 201 guest rooms, each
with private bathroom, dining rooms,
kitchen, bar, 7 stores and a laundry.
Equipment will include 3 elevators,
air conditioning system and a water
softening plant. Cost is estimated
at \$600,000. Hilton Hotels, Dallas,
will operate the hotel. * 10

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preparing Plans
CIVIC AUDITORIUM Cost, \$27,000
MARTINEZ, Contra Costa Co., Cal.
One-story frame and stucco civic au-

ditorium (78 x 128 ft.).
Owner—City of Martinez.
Plans by City Engineer O. K. Smith.
Upon completion of preliminary
plans and specifications application
for PWA grant and loan will be
made; if application is rejected, a
WPA project will be attempted.

Contract Awarded
PLASTERING Cont. Price, \$5,442
YERBA BUENA SHOALS. Site of
the 1930 World's Fair.

General plastering of West Hangar;
Contract No. 190.

Owner—San Francisco Bay Exposi-
tion, Inc. (L. W. Cutler, Pres.),
585 Bush St., San Francisco.

Plans by San Francisco Bay Exposi-
tion Architectural Comm., 585
Bush St., San Francisco.

Contractor—Peter Bradley, 639 Bran-
nan St., San Francisco. *

BIDS WANTED
SAN FRANCISCO.—Until June 8,
2:30 p.m., bids will be received by
the Dept. of Public Works, Room
251, City Hall, for installing acousti-
cal material in the Assessor's Office,
City Hall. Est. cost, \$5,750.

Specifications obtainable from the
office of City Architect Charles H.
Sawyer, Room 265, City Hall, upon
deposit of \$5. * 13

Bids Wanted—To Close June 21,
2 P. M.

REPAIR ARMORY Cost, \$.....
LONG BEACH, Los Angeles Co., Cal.

Repairs to National Guard Armory
building, consisting of additional
steel work and welded repairs to
existing steel, new concrete slabs
in tower and other concrete and
gunite work; plastering exterior
of building and a portion of inter-
ior, composition roofing for tower
and under existing tile, paint-
ing exterior and a portion of inter-
ior of building.

Owner—State of California.
Architect—Geo. B. McDougall, State
Architect, Public Works Building,
12th and N Streets, Sacramento.

General bids will be received for
the entire work.

Plans and specifications obtainable
from the State Architect's office on
deposit of \$25, returnable.

Bid must be accompanied by cash-
ier's or certified check, payable to
the Director of Public Works, in the
amount of 10% of bid. (91) 13

BIDS OPENED

DEL NORTE CO., Cal.—Fred J.
Maurer & Son, Inc., 3031 E St., Eu-
reka, at \$16,000, submitted low bid
to the State of California, George B.
McDougall, State Architect, Public
Works Bldg., 12th and N Sts., Sacra-
mento, for construction of a small
quarantine station near Crescent City
on the Smith River.

Only other bid submitted by Mer-
cer Fraser Co., Eureka, at \$16,458.

Contract Awarded
GRANDSTAND Cont. Pr., \$27,850
FERNDALE, Humboldt Co., Cal.

Partial grandstand, judges' stand and
pari-mutuel section under item
10.

Owner—Humboldt County Fair.
Architect—Franklin T. Georgeson,
Georgeson Bldg., Eureka.

Engineer—W. H. Ellison, 821 Market
St., San Francisco.

Contractor—F. J. Maurer & Son, Inc.,
3031 E St., Eureka.

Other bids were:
E. S. Makins.....\$29,220
Mercer Fraser Co.....31,300
E. A. Morganti.....32,000

Bids Wanted—To Close June 28,
2 P. M.

COTTAGES Cost, \$.....
ELDRIDGE, Sonoma Co., Cal. So-
нома State Home.

Erection and completion of Units 1
and 2 of four cottages for pa-
tients at Sonoma State Home.
Cottages are one-story reinforced
concrete buildings with hollow
tile partitions, steel sash, wood
roof construction and shingle
tile roof, together with steam
service conduit, manholes, wire
fencing, yard paving, road work,
pump house and footbridge.

Owner—State of California.
Architect—Geo. B. McDougall, State
Architect, Public Works Building,
12th and N Streets, Sacramento.

Separate bids will be received as
follows: (1) general work; (2) heat-
ing work; (3) plumbing work and
(4) electrical work.

Plans and specifications obtainable
from the State Architect's office on
deposit of \$25, returnable.

Bid must be accompanied by cash-
ier's or certified check, payable to
the Director of Public Works, in an
amount of 10% of bid.

BIDS WANTED

REDWOOD CITY, San Mateo Co.,
Cal.—Until June 21, 11 A. M., bids will
be received by the County of San
Mateo, W. H. Augustus, Clerk of the
Board of Supervisors in the Court-
house, Redwood City, for alterations,
reconstruction and repair of the roof
of the San Mateo County Juvenile
Home, Redwood City.

Plans and specifications may be
obtained from the Clerk upon de-
posit of \$2.00 per set.

Bids must be accompanied by certi-
fied check for 10% of bid, payable
to the County of San Mateo. * 13

BIDS WANTED

YERBA BUENA SHOALS.—Until
June 17, 2 p.m., bids will be received
by the Department of Public Works,
at the office of the California Com-
mission for the Golden Gate Interna-
tional Exposition, Room 411, Pacific
Mutual Life Insurance Bldg., 660
Market St., San Francisco, and pub-
licly opened and read in Room 415 of
said building, for pile foundations for
the following buildings on Yerba
Buena Shoals: San Francisco Bldg.;
Entrance to California Court; Cali-
fornia State Bldg.

Plans and specifications may be
obtained at the above office upon
deposit of \$25, returnable, and may
be seen at the office of the State
Architect, Public Works Bldg., 12th
and N Sts., Sacramento, and at the
office of the Builders Exchange in
San Francisco and in Oakland.

Bids must be accompanied by
cash, a cashier's check or certified
check, payable to the Director of
Public Works in the amount of 10%
of bid.

BIDS OPENED

SAN FRANCISCO.—Lacquer Floor
Service, 2350 Keith St., at \$65, sub-
mitted low bid to the Dept. of Pub-
lic Works, City Hall, for cleaning
and lacquering the linoleum floor
covering in Judge Conlan's Court
Room, City Hall.

Only other bid submitted by Jones
Supply, at \$72.50. * 13

BIDS OPENED

SAN FRANCISCO.—Western As-
bestos Co., 675 Townsend St., at \$985,
submitted low bid to the San Fran-
cisco Dept. of Public Works, Room
251, City Hall, for installation of
acoustical treatment of the Grand
Jury Room, 457 City Hall.

Only other bid submitted by Rob-
ert L. Cramer, at \$1,195. * 13

BIDS WANTED

SAN FRANCISCO.—Until June 15, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for building and constructing two sand and rock dryers for the Municipal asphalt plant, Corporation Yard, 11th and Bryant Streets.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

BIDS WANTED

SAN FRANCISCO.—Until June 15, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for increasing travel and making other changes to one passenger elevator at the Hall of Justice, Washington and Kearny Sts. Est. cost, \$3,000.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

Preparing Plans

RESIDENCES Cost, \$5,000
 SAN FRANCISCO, Richmond Dist. Two one-story frame and stucco residences (hardwood floors, tile baths, wood sash, etc.)
 Owner—Builder—Heyman Bros., 742 Market Street.
 Architect—Albert H. Larsen, 333 Kearny Street.

Bids Wanted—To Close June 10, 5:00 P. M.

RESIDENCE Cost, \$12,000
 BERKELEY, Alameda County, Cal. Grizzly Road.
 Two-story frame and stucco residence (8 rooms), hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Baxter, c/o Architect, Architect—Clarence W. Mayhew, 6026 Acacia St., Oakland.

Plans are being figured by the following selected list of contractors:
 J. R. Armstrong, 1131 Fleet Road, Oakland.
 Geo. Swanstrom, 1615 78th Avenue, Oakland.

C. M. Teigland, 525 49th St., Oakland.
 Olaf Petersen, 3626 Rhoda Avenue, Oakland.

F. L. Crane, 1569 Spruce Street, Berkeley.

Completing Working Drawings

SORORITY HOUSE Cost, \$5,000
 CORVALLIS, Benton Co., Oregon. Three-story and basement frame and stucco and brick veneer sorority house to contain twenty rooms.
 Owner—Alpha Delta Phi Sorority, Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
 Mr. L. N. Traver, Corvallis, Oregon, is now taking general bids.

14— RESIDENCE

Contract Awarded

RESIDENCE
 BAYWOOD, San Mateo Co., Calif. One and one-half story frame and stucco residence; shingle roof, hardwood floors, tile baths, gas-fired heating system, wood sash.
 Owner—Mrs. Katherine Woodbridge, c/o Architect.
 Architect—C. K. Sumner, Deckerok Bldg., Palo Alto.
 Contractor—G. W. Williams Co., 10 California Dr., Burlingame.

Preparing Working Drawings

RESIDENCE Cost, \$5,000
 KENTFIELD, Marin Co., Calif. Frame and stucco residence.
 Owner—Withheld.
 Architect—John H. Ahnden, 822 39th Ave., San Francisco.

Preparing Sketches

RESIDENCE Cost, \$5,000
 KENTFIELD, Marin Co., Calif. Frame and stucco residence.
 Owner—Withheld.
 Architect—John H. Ahnden, 822 39th Ave., San Francisco.

Contract Awarded

ALTB. RESIDENCE Cost, \$5,000
 SAN FRANCISCO, Jackson Street. Alterations to three-story frame and stucco residence.
 Owner—J. Zellerbach, c/o contractor. Architect—Hyman and Appleton, 68 Post Street.
 Contractor—Jacks & Irvine, 620 Market Street.

Preparing Plans

RESIDENCES Cost, \$5,000
 GARDEN VILLAGE, San Mateo Co. Two one-story frame and stucco residences (5 rooms each) hardwood floors, tile baths, garages.
 Owner—Paul A. Wolter, Jr., 90 Ravenwood Drive, San Francisco.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Preparing Plans

RESIDENCES Cost, \$5,000
 SANTA CLARA, Santa Clara Co. Two one-story frame residences (hardwood floors, tile baths, wood sash, etc.)
 Owner—R. Hipp, c/o Architect. Architect—Edw. W. Kress, 516 First National Bank Bldg., San Jose.

Preparing Working Drawings

RESIDENCE Cost, \$5,000
 HEALDSBURG, Sonoma Co., Calif. One-story frame and stucco residence (hardwood floors, tile bath)
 Owner—W. M. Bronner, c/o Archt. Architect—John Easterly, Healdsburg and Santa Rosa.

Bids Held Unopened

RESIDENCE Cost, \$5,000
 MARYN COUNTY, Del Mesa Tract. Two-story frame residence (10 rms.) cement plaster exterior, composition roof, gas heating, hardwood floors.
 Owner—Mr. Bowman, c/o Architect. Architect—Gardner A. Dailey, 210 Post St., San Francisco.

Low Bidder

RESIDENCE
 BAYWOOD, San Mateo Co., Calif. One and one-half story frame and stucco residence; shingle roof, hardwood floors, tile baths, gas-fired heating system, wood sash.
 Owner—Mrs. Katherine Woodbridge, c/o Architect.
 Architect—C. K. Sumner, Deckerok Bldg., Palo Alto.
 Low Bidder—G. W. Williams Co., 10 California Dr., Burlingame, \$9075.
 Bids held under advisement.

Plans Being Figured

RESIDENCE Cost, \$5,000
 OAKLAND, Alameda Co., Cal. Montclair District.
 Two-story frame and stucco residence (7 rooms, 2 baths) central heating plant, hardwood floors, tile baths, steel sash.
 Owner—W. H. Johnson, c/o Arch. Architect—A. Reinhold Denke, 1429 Broadway, Oakland.
 Plans are being figured by a selected list of contractors. No definite bid opening date yet set.

Preparing Plans

RESIDENCE Cost, \$5,000
 SAN JOSE, Santa Clara Co., Calif. One-story frame residence.
 Owner—Santo Brunl, c/o Architect. Architect—Edward W. Kress, 516 First National Bank Bldg., San Jose.

Contract Awarded

RESIDENCE Cont. Price, \$7,280.
 SACRAMENTO, Calif. Sierra Oaks Vista.
 One-story frame residence (6 rooms).
 Owner—Mr. Corbett, c/o Architect. Architect—Herbert Goodpastor, Mtatau Bldg., Sacramento.
 Contractor—C. E. DeCuir, 2739 Marshall St., Sacramento.

Preparing Plans

RESIDENCE Cost, \$5,000
 GARDEN VILLAGE, San Mateo Co. One-story frame residence (4 rooms) hardwood floors, tile bath, wood sash, etc.
 Owner—Paul A. Wolter, Jr., 90 Ravenwood Drive, San Francisco.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Preparing Working Drawings

RESIDENCE Cost, \$4,500
 HEALDSBURG, Sonoma Co., Calif. One-story frame and stucco residence (hardwood floors, tile baths, etc.)
 Owner—John Ratner, c/o Architect. Architect—John Easterly, Healdsburg and Santa Rosa.

Bids In—Held Under Advisement.

RESIDENCE Cost, \$5,000
 MONTE VISTA, Contra Costa Co. One-story all-wood residence (5 rms.) shingle roof, oil-fired hot air heating system, wood sash, hardwood floors, tile bath.
 Owner—Robt. A. Klasel, c/o Architect. Architect—John B. Anthony, 462 Elwood Ave., Oakland.

Contract Awarded

RESIDENCE Cost, \$10,000
 OAKLAND, Alameda Co., Calif. 5241 Cochran Ave.
 Two-story frame residence (eight rooms).
 Owner—E. C. Schiver, 5249 Cochran Ave.
 Architect—Irwin Johnson, 2219 7th Ave.
 Contractor—Edward Larmer, 90 Fairview Ave., Piedmont. 14

Contract Awarded

RESIDENCE Cont. Price, \$4,850
 LOS GATOS, Santa Clara Co., Calif. One-story frame and stucco residence (five rooms), shake roof, hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Dennis, c/o Architect. Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Contractor—J. C. Wells, 85 39th St., San Mateo.

Sub Contracts Awarded

RESIDENCE Cost, \$5,000
 HILLSBOROUGH, San Mateo Co. Two-story frame and stucco residence (nine rooms), shingle roof, hardwood floors, etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.
 Plumbing—Harry Lee, 220 California Dr., Burlingame.

Electric Wiring—San Mateo County Electric Co., 33 E St., San Mateo.
 Heating and Sheet Metal—Gaffigan Sheet Metal Works, 309 8th Ave., San Mateo.

Brick and Stone Work—Chas. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.

Lumber—Wisnom Lbr. Co., 5th and S. Claremont Sts., San Mateo.
 Mill Work—Pacific Mfg. Co., Santa Clara.

Painting—Wm. Blauert, 2720 San Jose Ave., San Francisco.

Lathing & Plastering—Frank Russell, 25 Twelfth Ave., San Mateo.
 Concrete—Nick Sisewich, 320 S. Delaware St., San Mateo.

Preparing Plans
RESIDENCE Cost, \$.....
 SAN FRANCISCO. Sunset District. One-story and basement frame and stucco residence.

Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Contract Awarded
RESIDENCE
 SAN JOSE, Santa Clara Co., Cal. Two-story frame and wood siding residence (six rooms), hardwood floors, linoleum drainboards, tile shower floors, shingle roof, gas furnace, wood sash, etc.

Owner—Howard L. Shannon, c/o Architect.

Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.

15—SCHOOLS

Bids Opened
LIBRARY Cost, \$.....
 BERKELEY, Alameda Co., Cal. University of California Campus.

Construction of Hart Library, an addition to Bowles Hall.

Owner—Regents of the University of California, Berkeley.

Plans by Engr. Dept. of Grounds & Building Department.

Low Bidder—Empire Const. Co., Ltd., Russ Bldg., S. F., \$8,430.

Complete bids follow:
 Empire Const. Co., Ltd., San Francisco, \$8,430 (100 days).

Dinwiddie Const. Co., Inc., S. F., \$8,600 (90 days).

Albert E. Mangs & Associates, San Francisco, \$8,788 (90 days).

George Swanstrom, Oakland, \$8,996 (90 days).

John E. Branagh, Piedmont, \$9,189 (90 days).

Frank J. Reilly Co., S. F., \$9,441 (90 days).

Central Calif. Const. Co., Inc., \$9,883 (100 days).

BIDS WANTED
 SAN FRANCISCO.—Until June 15, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for interior plastering of the Argonne School, North California, bet. 17th and 18th Aves., and exterior plastering of East, West and South walls of Cleveland Sch., Persia Ave., bet. Moscow and Athens Sts. Est. Costs: Argonne Sch., \$2,640, and Cleveland Sch., \$4,700.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

15

To Ask Grant
SCHOOL Est. Cost, \$55,000
 HOPLAND, Mendocino Co., Calif.

One-story frame and stucco grammar school building to contain five classrooms, auditorium, offices, etc. (tile roof, steam heating system, etc.)

Owner—Hopland Un. Grammar Sch. District.

Architect—John Easterly, Healdsburg and Santa Rosa.

Application will be made for a P W A grant to aid in financing.

Planned
ADDITION Est. Cost, \$40,000
 MERCED, Merced Co., Calif. Merced High School.

Addition of wing to house science department.

Owner—Merced Union High School, A. W. Meaney, Principal.

Architect—Not Given.
 Scheduled to commence at close

of school term. Construction will be financed by funds on hand with possibility of part of cost being paid by Federal aid.

Bids Wanted—To Close June 20.
SCHOOL BLDGS.
 EAST BAKERSFIELD, Kern County

Reinforced concrete school building to contain 10 classrooms; 1000-seat auditorium; boys' gym, and completion of girls' gym at the East Bakersfield branch of Kern County High School.

Owner—Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Structural Engineer—Mark Falk, 2385 Gilroy St., Los Angeles.

Appropriation for work, including PWA grant, is \$355,000.

Plans and specifications obtainable from the architect's office.

Bids Opened
SHOP BLDG. Est. Cost, \$20,000
 SAN RAFAEL, Marin Co., Calif. E. Mission Street (San Rafael High School).

Two one-story vocational shop bldgs. of reinforced concrete up to first floor and fire-resistant construction above.

Owner—San Rafael High School District (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.

Low Bidder—Central California Construction Co., Inc., 115 Burrows St., San Francisco, \$19,853.

Complete bids follow:
 Central Calif. Const. Co., \$19,853
 J. R. Armstrong, Oakland, 20,485

Grant - Martinelli Const. Co., 21,676
 San Francisco

Leibert & Trobeck, San Rafael 22,367
 Peter Sartorio, S. F. 23,225
 J. E. Branagh, Piedmont, 24,900

BIDS OPENED
 DAVIS, Yolo Co., Cal.—Following bids received May 26 by the Regents of the University of California, Berkeley, for the following work in connection with the new gymnasium, University Farm, Davis: (1) steel lockers; (2) steel shelving; (3) steel gun racks; (4) locker room benches.

Worley & Co., 39 Natoma St., San Francisco: (1) \$3,389.80; (2) \$2,233.30 (4) \$497.95 (Comb. bid 1, 2, and 4) \$6,221.05.

Jennings Corp.: (1) \$3,576; (2) \$2,547; (3) \$354.25; (4) \$426; (Comb. bid 1, 2, 3, 4) \$6,893.

Lyon Metal Products Co., Inc.: (1) \$3,371.31; (2) \$2,479.65; (4) \$537.75; (Comb. bid 1, 2 and 4) \$6,008.75.

General Fireproofing Co.: (2) \$2,344.51.

Bonds Voted
SCHOOL Cost, \$.....
 OAKLEY, Contra Costa County, Cal.

Construction of one-story frame and stucco grammar school building to contain 6 classrooms and combination gym and auditorium.

Owner—Oakley Grammar School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

The school district voted bonds April 25 in the amount of \$50,000, proceeds to aid in financing construction.

Application for PWA grant is being prepared and if available, project will be increased to include eight classrooms and complete auditorium, at estimated cost of \$82,000.

LOW BIDDER
 LOS ANGELES, Cal.—William T. Loesch, 119 E. Union, Pasadena, submitted low bid to Montebello Unified School District at \$138,877, for con-

struction of four reinforced concrete school buildings in Montebello, a P W A project. The group comprises a classroom building and a shop bldg. at both the Montebello Junior high school and the Eastmont Junior high school. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles, 15

Contract Awarded
SHOP BLDG. Cont. Pr., \$19,853
 SAN RAFAEL, Marin Co., Calif. E. Mission Street (San Rafael High School).

Two one-story vocational shop bldgs. of reinforced concrete up to first floor and fire-resistant construction above.

Owner—San Rafael High School District (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.

Contractor—Central California Construction Co., Inc., 115 Burrows St., San Francisco.

BIDS WANTED
 SAN FRANCISCO.—Until June 8, 2:30 P. M. bids will be received by the Department of Public Works, Room 251, City Hall, for painting the following schools:

Edison School, Chattanooga, 22nd and Dolores Streets; estimated cost, \$2,950.

Grattan School, Schrader St. bet. Alma and Grattan Sts.; estimated cost, \$2,200.

Hawthorne School, Shotwell Street bet. 22nd and 23rd Sts.; estimated cost, \$2,800.

Polytechnic High School, Frederick St. bet. Arguello Blvd. and Willard St.; estimated cost, \$4,200.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall. No deposit required.

Sub-Contracts Awarded
SCHOOL ADDITION Cost, \$20,000
 SAN MATEO, San Mateo Co., Calif. St. Matthew's School.

Addition to school, to be known as the Monsignor Callaghan Memorial.

Owner—St. Matthew's Catholic Ch., Rev. H. J. Lyne, Pastor.

Architect—H. A. Minton, 525 Market St., San Francisco.

Contractor—Jas. L. McLaughlin Co., 251 Kearny St., San Francisco.

Roofing—Alta Roofing Co., 976 Indiana Street.

Glass—W. P. Fuller & Co., 301 Mission Street.

Mill Work—Tacoma Millwork Supply Co., 580 Market Street.

Finish Hardware—E. M. Hundley, 662 Mission Street.

Window Hardware—MacDonald Hardware Co., 963 Harrison St., 231 Franklin Street.

All of San Francisco.

Contract Awarded
PORTABLES Cont. Pr., \$10,262
 OAKLAND, Alameda County, Calif. Hawthorne School.

Construction of seven portable classrooms.

Owner—Oakland School District.

Architect—W. G. Corlett, Second Avenue and E. Tenth St., Oakland (School Administration Bldg.).

Contractor—D. W. Nicholson, 357 12th St., Oakland.

Contract Awarded
SCHOOL Cont. Pr., \$40,576
 SAN JOAQUIN CO., Calif. 3 miles north of Lodi (Huston Grammar School).

One-story school building (5 classrooms and auditorium), tile roof.

Owner—Huston Grammar Sch. Dist.

Architect—Victor Galbraith, 221 East Acacia St., Stockton.
 Contractor—W. C. Hoegerman, 303 W. Elm St., Lodi.
 Contract awarded on basis of acceptance of alternates 5, 8, 10, 13 & 15. Complete basic general bids and segregated bids received follow:

General Work
 Samuel Eyre, Stockton, \$39,100.
 W. C. Hoegerman, Lodi, \$39,744.63.
 H. H. Henning, \$39,764.
 C. E. Totten, Stockton, \$40,559.
 Lodi Plumbing & Heating Co., 119 N. Sacramento St., Lodi (awarded contract), \$4,190.
 Henderson Bros. Co., Inc., Lodi, \$4,435.00.
 O. H. Vetter, Stockton, \$4,646.
 Heating & Oil Burning Equipment Lodi Plumbing & Heating Co., Lodi (awarded contract), \$3,549.
 O. H. Vetter, Stockton, \$3,570.
 Cooly & White, \$3,675.
 Union Ice Co., \$4,766.34.

Contract Awarded
PORTABLES Cont. Pr., \$5,061
 OAKLAND, Alameda County, Calif.
 Lockwood School.
 Construction of four portable classrooms.
 Owner—Oakland School District.
 Architect—W. G. Corlett, 2nd Ave. and E. 10th St., Oakland (School Administration Bldg.).
 Contractor—D. W. Nicholson, 357 12th St., Oakland.

Bids Opened
PORTABLES
 OAKLAND, Alameda County, Calif.
 South side of 11th St., between 3rd and 4th Aves.
 Construction of 17 portable classrooms at Central Trade School.
 Owner—Oakland School District.
 Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).
 Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland—\$43,944.
 Complete bids follow:
 J. R. Armstrong, Oakland, \$43,944.
 George Swanstrom, Oakland, \$44,143.00.
 John F. Tulloch, Oakland, \$46,089.
 Schuler & McDonald, Inc., Oakland, \$47,000.
 S. G. Johnson, Oakland, \$47,285.
 Willis F. Lynn, Oakland, \$47,380.
 N. H. Sjoberg & Son, Oakland, \$47,768.
 Peter Sartorio, S. F., \$48,908.
 Emil Person, Berkeley, \$49,000.
 Meyer Constr. Co., S. F., \$50,504.

Contract Awarded
SCHOOL Cont. Pr., \$67,189
 LOYALTON, Sierra Co., Calif.
 One-story frame school building (12 classrooms and assembly hall), concrete foundation, shingle roof.
 Owner—Loyalton School District.
 Architect—Clarence C. Cuff, 1315 Q St., Sacramento.
 Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Contractor—H. W. Robertson, 3004 F St., Sacramento.
 Contract awarded on basis of acceptance of alternate proposal No. 10.

Contract Awarded
SCHOOL Cont. Pr., \$7,980
 PALO COLORADO, Monterey Co., Calif.
 One-story frame and stucco school building; shake roof.
 Owner—Palo Colorado Grammar Sch. District.
 Architect—W. O. Ralguel, Box 549, Monterey.
 Contractors—O. R. Ochs, 791 Church St., San Luis Obispo.
 Complete bids follow:

O. R. Ochs, San Luis Obispo, \$7980.
 Wm. P. Sweeney, Pacific Grove, \$8,726.90.
 Harold C. Geyer, Monterey, \$8,773.
 J. H. and F. J. Clark, Monterey, \$8,967.
 Henry A. Jewell, Monterey, \$9,273.94.

Preparing Working Drawings
SCHOOL ADDN. Est. Cost, \$10,000
 PALO ALTO, Santa Clara Co., Cal.
 Stanford Campus School.
 One-story addition to existing sch. building; WPA project.
 Owner—Palo Alto School District.
 Architect—C. K. Sumner, Decker oak Bldg., Palo Alto.

Preparing Working Drawings
SCHOOL ADDN. Est. Cost, \$13,000
 PALO ALTO, Santa Clara Co., Calif.
 Mayfield Elementary School.
 One-story addition to existing school building; WPA project.
 Owner—Palo Alto School District.
 Architect—C. K. Sumner, Decker oak Bldg., Palo Alto.

Bids Wanted—To Close June 20, 7 P. M.
SCHOOL BLDGS.
 EAST BAKERSFIELD, Kern County
 Reinforced concrete school building to contain 10 classrooms; 1000-seat auditorium; boys' gym, and completion of girls' gym. at the East Bakersfield branch of Kern County High School.
 Owner—Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.
 Structural Engineer—Mark Falk, 2385 Gilroy St., Los Angeles.
 Appropriation for plan, including PWA grant, is \$355,000.

As previously reported, plans and specifications obtainable from the architect's office upon deposit of \$25. All work included in one general contract.
 Bids will be opened in the Kern County Union High School Building, Room 104, Bakersfield.

Contract Awarded
ADDITION Cont. Price, \$7,382
 PLACERVILLE, El Dorado Co., Cal.
 One-story frame and stucco addition to grammar school.
 Owner—Camino School Dist. (J. B. Hughes, Secty).
 Architect—Jens C. Petersen, 812 26th
 Contractor—D. E. Morton, 65 Broadway, Placerville.
 (69) 1st report May 9; 2nd, May 24, 1938.

16—BANKS, STORES AND OFFICES

Contract Awarded
MODERNIZATION Cost, \$.....
 SAN FRANCISCO. Grant Avenue at Geary Street.
 Exterior modernization of building.
 Owner—Livingston Brothers, Inc.
 Architect—Timothy L. Pflueger, 560 Market Street.
 Contractor—Dinwiddie Const. Co. Inc. 210 Crocker Building.

Contract Awarded
REMODEL BLDG. Cont. Pr., \$1,368
 SANTA ROSA, Sonoma Co., Cal.
 Remodel Medico-Dental Bldg.
 Owner—Dr. Patterson.
 Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.
 Contractor—C. L. Personett, 731 Santa Rosa Ave., Santa Rosa.
 Other bids were:
 R. S. Knight.....\$1,417.80
 C. W. Hansen.....1,635.00
 Leon Koch.....1,645.00

Contract Awarded
ALTERATIONS Cost, \$.....
 SAN FRANCISCO. Grant Avenue at Geary St.
 Alterations to mezzanine floor.
 Owner—Livingston Brothers, Inc.
 Architect—Albert R. Williams, 251 Post St.

Contractor—W. C. Tait, 883 Market Street. 16

Contract Awarded
OFFICE BLDG.
 OAKLAND, Alameda County, Calif.
 Franklin St.

One-story reinforced concrete office building to contain ten offices.
 Owner—Edward Brown & Son, 1916 Franklin St., Oakland.

Architect—G. E. Ellinger, 1801 Castertine Road, Oakland.
 Contractor—Mark Bristol, 1038 McKinley Ave., Oakland.

Contract Awarded
OFFICE BUILDING Cost, \$.....
 BERKELEY, Alameda County, Calif.
 Austin Way.

One-story reinforced concrete and brick office building (44x100 ft.), steel sash, linoleum floors, air conditioning, heating and ventilating plant.

Owner—California Farm Bureau.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
 Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Preparing Plans
STORE BLDG. Cost, \$.....
 STOCKTON, San Joaquin Co., Calif.
 Weber and American Sts.
 One-story and basement brick store building (100x100 ft.).
 Owner—Turner Hardware Company, c/o Architects.
 Architects—J. U. Cloudsley, Exch. Bldg., and Eric Johnson, 41 S. Sutter St., Stockton.

Contract Awarded
REMODEL STORE Cost, \$.....
 SAN FRANCISCO. Post and Kearny Streets.

Remodel men's department.
 Owner—Weinstein Co.
 Architect—Albert R. Williams, 251 Post St., San Francisco.
 Contractor—The Fink & Schinkler Co., 552 Brannan St.

17— THEATRES

Sub Contracts Awarded
REMODEL THEATER Cost, \$.....
 SAN FRANCISCO. 3297 Sacramento Street.

Remodel present Plaza Theater.
 Owner—Blumenthal Theatres, Inc., 25 Taylor Street.
 Supt. of Constr.—W. B. David.
 Contractor—Moore & Roberts, 693 Mission St.
 Sheet Metal—Colan & Leoni Heating & Sheet Metal Co., 1060 Folsom St., San Francisco.
 Mill Work—Brannan Street Planing Mill, 560 Brannan St., San Francisco.

18— WHARVES & DOCKS

Planned
YACHT HARBOR Cost, \$.....
 SAN RAFAEL, Marin Co., Cal. Six bank of San Rafael canal.
 Yacht harbor to provide dockage for 40 boats.
 Owner—Dr. John H. Brunings.
 Application for Federal permit now on file. 18

Completing Plans

YACHT HARBOR Cost, \$10,000
SAN RAFAEL, Marin Co., Calif.
 Southerly bank of San Rafael canal. Yacht harbor to provide dockage for 40 boats; work includes dredging and pile driving.
 Owner—Dr. John H. Brunings, 432 Sutter St., San Francisco.
 Contractor—W. C. Voorhies, Cheda Bldg., San Rafael.
 General bids will be asked about June 25th.

- (3) 1 job gaskets for hatch covers;
- (4) 1 job safety rail;
- (5) 30 each drilling test holes;
- (6) 1 job reinforcing plates on hull;
- (7) 50 rivet renewals;
- (8) 1 job tow bit;
- (9) 1 job iron bark chafing strip;
- (10) 1 job eye pads and deck reinf. plates.

Plans and specifications may be obtained from the above office. 19

38-575. The items are:

- (1) 27,500 c.y. coarse aggregate 1½-in. to ¾-in. size;
 - (2) 22,500 c.y. coarse aggregate 1-in. to No. 4 mesh size;
 - (3) 30,000 c.y. sand.
- Major Theodore Wyman, Jr., District Engineer. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$946, ¼ of 1% 10 days, f.o.b. San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5714, for four anchor assemblies complete for Hawkins Bar Bridge. * 20

CONTRACTS AWARDED

OAKLAND, Calif.—Mueller Brass Co., 250 Perry St., San Francisco, at \$4,752 (Items 1, 2 and 6), and Jas. Jones Co., 201 Leroy Ave., Los Angeles, at \$3,784 (Items 3, 4 and 5), were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Prop. No. 1014, for furnishing 7,700 curb corporation stops and 10,400 curb stops. * 20

CONTRACTS AWARDED

OAKLAND, Cal.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$92,800 (Items 1, 2, 4, 5 and 6) and American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$23,600 (Item 3), awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Prop. No. LS-213, for furnishing 116,000 l.f. of cast-iron water pipe.

Bids were taken on:

- (1) 20,000 l.f. 4-inch;
- (2) 60,000 l.f. 6-inch;
- (3) 20,000 l.f. 8-inch;
- (4) 3,000 l.f. 10-inch;
- (5) 10,000 l.f. 12-inch;
- (6) 3,000 l.f. 16-inch. * 20

CONTRACT AWARDED

OAKLAND, Calif.—The Atlas Mineral Products Co., 41 Arguello Blvd., San Francisco, at \$1880, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1015, for furnishing 40,000 lbs. joint compound. * 20

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-38-266, for furnishing and delivering miscellaneous castings, etc. Bids taken on:

- (1) 2 bearings for cutter shaft;
- (2) 2 piston castings for cutter engine;
- (3) 2 crosshead brasses for cutter engine;
- (4) 1 20-inch check valve;
- (b) 2 flap valves for 20-in. check valve;
- (c) one cover for 20-inch check valve.

F.o.b. Rio Vista. Bids were:
 Golden State Miners Iron Works, San Francisco, (4) (a) \$282; (b) \$66.75 each; (c) \$36.70; total item 4, \$452.28.

Monarch Foundry Works, Sacramento, (1) \$49.50 each; (2) \$19.50 ea.; (4) (a) \$250; (b) \$40.90 each; (c) \$52.25, total item 4, \$394.05.
 Moore Dry Dock Co., Oakland, (1) \$162; (2) \$47.50; (3) \$21.50; (4) \$46 total item 4.

19—MISC. CONSTRUCTION

CONTRACTS AWARDED

SAN FRANCISCO.—General Engineering and Dry Dock Co., 1100 Sansome St., San Francisco, at \$797; (a) Pacific Dry Dock & Repair Co., ft. of 14th St., Oakland, \$306; (b) and H. C. Thompson, 930 Evans St., San Francisco, at \$216 (c), submitted the low bids and were awarded contracts by the State Harbor Board of Commissioners, Ferry Bldg., San Francisco, for drydocking and overhauling: (a) tug Governor Irwin; (b) Dredger No. 3, and (c) two mud scows, Nos. 22 and 23.

Complete bids follow:

General Engr. & Dry Dock Co., 1100 Sansome St., S. F., (a) \$797; (b) \$516; (c) \$503.

Pacific Dry Dock & Repair Co., ft. of 14th St., Oakland, (a) \$1054; (b) \$306; (c) \$240.

H. C. Thompson, 930 Evans Ave., San Francisco, (c) \$216.

Bethlehem Shipbuilding Corp., Ltd., (a) \$1210; (b) \$435.

Bruer & Siemer, S. F., (c) \$346.
 Anderson & Cristofani, S. F., (c) \$340. 19

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Cal.—Pittsburg-Des Moines Steel Co., 629 Rialto Bldg., San Francisco, at \$8,555 awarded contract by the Kern County Union High School District for the erection of a 30,000-gal. water tank and an 80-ft. tower.

Plans by Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield. 19

BIDS WANTED

FORT ROSECRANS, Calif.—Until June 8, 10:30 a.m., bids will be received by the Contracting Officer, Col. O. S. Albright, Signal Corps, Signal Office, Ninth Corps Area, Presidio of San Francisco, under Bid No. C.P. 1084 SC 38-21, for installation of a subterranean cable betw. Manhole No. 33 and Fire Control Switchboard Room, Fort Rosecrans, Calif. * 19

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until June 13, 3 p.m., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 199, for circulating equipment for Lagoons.

Plans and specifications may be obtained from the above office after May 31, 2 p.m. * 19

BIDS WANTED

SACRAMENTO, Calif.—Until June 9, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-38-280, for drydocking, painting and repairing the U. S. Engineer Department oil barge "E".

Work involves:

- (1) 1 job drydocking, cleaning, and painting;
- (2) 1 job tank cleaning;

BIDS OPENED

PORTLAND, Oregon.—Commercial Iron Works, Portland, at \$7,485.60 submitted low bid to the U. S. Engineer Office, District Engineer, 625 Pittcock Block, Portland, under Bid No. 698-38-563, for drydocking, cleaning, painting and repairing the U. S. pipeline dredge, "Wahkiakum."

Total bids follow:

Commercial Iron Works, Portland \$7,485.60
 Albina Engine & Machine Works, Inc., Portland 7,592.71
 General Iron and Steel Works, Portland 9,536.00
 Contracting Officer's est. 7,206.50 19

BIDS WANTED

WASHINGTON, D. C.—Until June 25 bids will be received by the U. S. Coast Guard, Washington, D. C., for constructing harbor cutters.

BIDS WANTED

FORT MASON, Cal.—As previously reported until June 9, 10 A. M., bids will be received by Col. H. E. Pitz, Q.M.C., Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. W 6618-38-20, for the installation of concrete tank filters to replace the wooden tank filters in pumping station at Presidio of San Francisco.

Work involves:

- (1) Furnish all materials and perform all labor necessary to replace two wooden tank filters with concrete tank filters, including all pipe work fittings and equipment;
- (2) Deduct if loss of head gauges are omitted;
- (3) Deduct if recording gauge to record the rate of flow through filters is omitted;
- (4) Unit prices:
 - (a) concrete, including forms, per cu. yd.;
 - (b) reinforcing steel, per ton;
 - (c) 10-inch E.H. G.I. steel pipe, per lin. ft.;
 - (d) 8-inch do.;
 - (e) 6-inch do.;
 - (f) 4-inch do.;
 - (g) fittings, including flanges and bolts, per lb.

Plans and specifications may be obtained from the above office. 19

BIDS WANTED

WASHINGTON, D. C.—Until June 20 bids will be received by the U. S. Coast Guard, Washington, D. C., for construction of sixty 38-ft. cabin picket boats for delivery on Pacific Coast. * 19

20—MISC. SUPPLIES AND MATERIALS

BIDS WANTED

LOS ANGELES, Cal.—Until June 8, 3 p.m., bids will be received by the U. S. Engineer, Los Angeles, for 50,000 cubic yards coarse aggregate and 30,000 cubic yards sand, furnished and delivered into Government hatching plant or stock piles, located within one mile of 2572 E. 27th St., Los Angeles; Invt. No. ER-509-

Howley Forge & Mfg. Co., S. F., (1) \$62 ea.; (2) \$11 ea.; (3) \$9 ea.; (4) (a) \$310; (b) \$71 each; (c) \$42, total item 4, \$494.

Pacific Dry Dock & Repair Co., Oakland, (1) \$67 ea.; (2) 18 ea.; (3) \$15.50 ea.; (4) (a) \$.....; (b) \$67 each; (c) \$40, total item 4, \$582.

Apex Bronze Foundry Co., Oakland, (3) \$63.30 each.

M. Greenberg's Sons Brass Foundry & Machine Works, S. F., (3) \$4-97½ each.

Bethlehem Shipbuilding Corp., Ltd., San Francisco, (4) (a) \$369; (b) \$74.50 each; (c) \$58, total item 4, \$576.

Pacific Brass Foundry of San Francisco, (3) \$7.50 each.

General Engr. & Dry Dock Co., San Francisco, (4) \$521 total.

Columbia Machine Works, San Francisco, (4) (a) \$300; (b) \$61 each; (c) \$43, total item 4, \$465.

BIDS OPENED

GRAND COULLEE DAM, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 781, for furnishing and delivering stop log guides and appurtenances for installation at the inlets of the 18 main-unit penstocks at Grand Coulee Dam, Columbia River Basin Project, fob Odair, Wash., and/or shipping point.

Bids were:
Berkeley Steel Const. Co., Inc., Berkeley, Calif., (1) \$68,400, wt. 1-102,000; (2) \$63,200, wt. 1,018,000; Comb., \$131,000; disc. ¼%; fob Berkeley.

Bethlehem Steel Co., Bethlehem, Pa., (1) \$58,860, wt. 1,090,000; (2) \$54-540, wt. 1,010,000; Comb., \$113-400; net; fob Chicago.

Lakeside Bridge & Steel Co., Milwaukee, (1) \$49,949, wt. 1,020,300; (2) \$45,559, wt. 943,500; Comb., \$94,312; net; fob Milwaukee.

Smith Corp., d/b/a General Iron and Steel Works, Portland, Ore., (1) \$49,980.58, wt. 1,019,549; (2) \$44-819.59, wt. \$41,100; Comb., \$94,300; net; fob Portland.

Koppers Co., Bartlett Hayward Div., Baltimore, Md., (1) \$72,680, wt. 1,083,000; (2) \$66,785, wt. 1,003-000; Comb., \$132,000; ¼%; fob Baltimore.

Arthur J. O'Leary & Son, Co., Chicago, (1) \$44,914, wt. 1,060,000; (2) \$40,400, wt. 975,000; Comb., \$83,000; ½%; fob Chicago.

Dravo Corp., Pittsburgh, (1) \$63,240, wt. 1,041,800; (2) \$59,840, wt. 961-450; Comb., \$122,400; net; fob Neville Island, Pa.

Hansell-Elcock Co., Chicago, (1) \$52-000, wt. 1,041,439; (2) \$46,000, wt. 939,755; Comb., \$98,000; ½%; fob Chicago.

Pacific Car & Foundry Co., Seattle, (1) \$62,470, wt. 1,061,825; (2) \$56-354, wt. 987,000; Comb., \$117,636; net; fob Renton, Wash.

American Bridge Co., Denver, (1) \$56,114, wt. 1,052,260; (2) \$50,767, wt. 973,905; net; fob Gary, Ind.

Warden-Allen Co., Milwaukee, (1) \$51,322, wt. 1,099,000; (2) \$45,962, wt. 1,017,000; ½%; fob Milwaukee.

Spuck Iron & Foundry Co., St. Louis, (1) \$53,000, wt. 1,121,000; (2) \$51-000, wt. 1,053,100; net; fob Saint Louis and Kansas City.

Mississippi Valley Struc. Steel Co., Melrose Park, Ill., (1) \$71,970, wt. 1,031,500; (2) \$66,150, wt. 953,000; net; fob Odair, Wash.

Goodman Mfg. Co., Chicago, (1) \$50-800, wt. 992,000; (2) \$45,700, wt. 914,000; Comb., \$96,000; net; fob Chicago.

Duffin Iron Co., Chicago, (1) \$72-854, wt. 1,073,000; (2) \$65,670, no

wt. given; Comb., \$136,000; net; fob Chicago.

Consolidated Steel Corp., Ltd., Los Angeles, (1) \$73,168, wt. 944,047; (2) \$66,789, wt. \$71,803; Comb., \$139,916; net; fob Los Angeles.

Commercial Iron Works, Portland, Ore., (1) \$54,525, wt. 1,053,000; (2) \$49,300, wt. 973,000; Comb., \$98-634; ¼%; fob Portland.

Hunter Steel Co., Pittsburgh, Pa., (1) \$64,400, wt. 1,040,000; (2) \$57-400, wt. 965,000; net; fob Neville Island, Pa.

John W. Beam, Denver, (1) \$61,000, wt. 1,050,000; (2) \$51,600, wt. 980-000; Comb., \$112,000; ½%; fob Peotone, Ill.

Calif. Steel Products Co., San Francisco, (2) \$56,420, wt. 988,270; net; fob San Francisco. * 20

CONTRACT AWARDED
GOVERNMENT ISLAND, Calif.—Boiler Tank & Pipe Co., 800 75th St., Oakland, at \$13.75 each, net; fob Mt. Shasta, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5692 for furnishing fire extinguishers. * 20

BIDS WANTED

OAKLAND, Calif.—Until June 8, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1032, for furnishing (1) 4000 bbls. high early strength Portland cement; and (2) 1000 bbls. Portland cement.

Plans and specifications available at the above office. * 20

BIDS OPENED

OAKLAND, Calif.—American Bitumalt Co., Oakland, and Calrock Asphalt Co., Oakland, at \$11,287.50, submitted identical bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Prop. 215, for furnishing 215,000 gals. emulsion asphalt. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1018, for furnishing 60,000 feet copper service tubing and 764 pieces red brass seamless tubing.

- Bids taken on:
- (1) 50,000 ft. ¾-in. copper service tubing;
 - (2) 5,000 ft. 1-in. do.;
 - (3) 2,500 ft. 1½-in. do.;
 - (4) 2,500 ft. 2-in. do.;
 - (5) 384 pieces 2½-in. OD brass seamless tubing;
 - (6) 380 pieces 2½-in. do.

Bids were:
Steam & Plumbing Service Corp., S. F., (1) \$6120, (2) \$753, (3) \$554.75, (4) \$810.75.

Pacific Metals Co., Ltd., S. F., (1) \$6120, (2) \$753, (3) \$554.75, (4) \$810.75, (5) \$1784.43, (6) \$127.91 plus \$17.78; total \$10,168.62.

Ducommun Metals & Supply Co., S. F., (1) \$6120, (2) \$752.50, (3) \$554.50, (4) \$810.75, (5) \$1745.16, (6) \$142.04, alt. \$126.50; total \$10,124.95 with alt. \$109.14.

Mueller Brass Co., S. F., (1) \$6-300, (2) \$775, (3) \$572.50, (4) \$535, (5) \$127.34, (6) \$190; total \$10,834.

Meyer & Wirthinger, Oakland, (1) \$6,120, (2) \$753, (3) \$554.15, (4) \$810.75, (5) \$1724.16, (6) \$141.12; total \$10-103.78.

C. W. Marwedel, Oakland, (1) \$6120, (2) \$753, (3) \$554.75, (4) \$810.75, (5)

\$1744.79, (6) \$127.04 plus \$17.78; total \$10,128.11.

Oakland Sheet Metal Supply Co., Oakland, (1) \$6120, (2) \$753, (3) \$554-75, (4) \$810.75, (5) \$1825.84, (6) \$127-04 plus \$17.78; total \$10,109.16.

Richmond Sanitary Co., Oakland, (1) \$6120, (2) \$752.50, (3) \$554.50, (4) \$810.75, (5) \$1725.84, (6) \$143.90; total \$10,107.49.

Tay-Holbrook, Inc., S. F., (1) \$6-120, (2) \$753, (3) \$554.75, (4) \$810.75; total \$8,238.50.

Moran Plumbing & Supply Corp., Oakland, (1) \$5969, (2) \$734.45, (3) \$540.90, (4) \$790.55, (5) \$1760.48, (6) \$395.20; total \$10,146.58.

Oakland Plumbing Supply Co., Oakland, (1) \$5810, (2) \$714, (3) \$526-50, (4) \$769.50, (5) \$1662.72, (6) \$138-39; total \$9621.11.

C. N. Smith, (1) \$6285, (2) \$773, (3) \$569.50, (4) \$832.35, (5) \$1726.62, (6) \$166.46; total \$10,340.83.

Crane Co., San Francisco, (1) \$6-120, (2) \$752.50, (3) \$554.50, (4) \$810-75, (5) \$1725.84, (6) \$143.48; total \$10,107.07.

American Brass & Copper Co., Oakland, (1) \$6120, (2) \$753.50, (3) \$554-75, (4) \$810.75, (5) \$1724.54, (6) \$143-94; total \$10,107.48.

Gilmore Steel & Supply Co., Inc., San Francisco, (1) \$5965, (2) \$734, (3) \$540.75, (4) \$790, (5) \$1743.43, (6) \$90.38; total \$9,872.06.

Walworth California Co., Oakland, (1) \$6120, (2) \$752.50, (3) \$554.50, (4) \$810.75, (5) \$1725.84, (6) \$143.90; total \$10,107.49.

Grinnell Co. of the Pacific, Oakland, (1) \$5925, (2) \$729, (3) \$537, (4) \$755, (5) \$1706, (6) \$145; total \$9827. * 20

BIDS WANTED

OAKLAND, Calif.—Until June 8, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS 216, for street paving repairs, as follows:

- (1) 500 cu. ft. asphalt concrete base course, complete in place;
- (2) 125,000 sq. ft. asphalt street paving repairs, complete surface course;
- (3) 3,500 cu. yds. concrete wet mix delivered in trench exclusive of spreading.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

SAN FRANCISCO—The Brown Instrument Co., 1274 Folsom St., San Francisco, at (1) \$347.50, (2) \$350, (3) \$431, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1995, for furnishing meters for the San Francisco Hospital, as follows:

- (1) One recording and integrating electric steam flow meter for 100-lb. steam pressure;
- (2) One do. for 75-lb. steam pressure;
- (3) One recording and integrating electric flow meter with temperature pen. * 20

BIDS OPENED

SAN FRANCISCO. — Enterprise Foundry Corp., 2902 19th Street, at \$0.59 per lb. submitted only bid to the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 6601, for furnishing cast iron fittings and castings for the San Francisco Water Department for fiscal year 1938-1939. *

BIDS WANTED

OAKLAND, Cal.—Until June 7, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing

Portland cement concrete, concrete mix, base aggregates, dry concrete, lumber and sand for the City of Oakland.

Plans and specifications may be obtained from the above office.

BIDS OPENED

SAN FRANCISCO—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Sts., San Francisco, at \$1,728, submitted low bid to the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 2019, for furnishing twelve sliding screens for picture storage for the California Palace of the Legion of Honor.

Total bids follow:
Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Sts., S. F.—\$1728.
Anchor Post Fence Co.—\$1760.
Monarch Iron Works—\$2084.
Eureka Iron & Wire Works—\$2091.
West Coast Iron & Wire Works—\$2166. 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 1,295,000 ft. BM Douglas fir lumber for bidder's shipping point and/or Brazil and Exchange St.; Inv. 554, opened by the U. S. Engineer, Los Angeles, were:

MacDonald & Harrington Lbr. Co.: (1) \$10,185; (2) \$13,785.25; disc. 2% 10 days; shipping point, Oregon.

Thompson Lbr. & Piling Co.: (1) \$9750; (2) \$13,813.75; disc. 2% 10 da.; shipping point (1) Washington; (2) Oregon.

Dougherty Lbr. Co.: (1) no bid; (2) \$13,134; disc. 2% 20 days; shipping point, Oregon.

Khicklat Fir Lbr. Co.: (1) no bid; (2) \$14,180; disc. 2% 20 days; ship. point, Oregon.

Cascade Cargo Sales Corp.: (1) \$10,200; (2) \$12,782.50; disc. 2% 10 days; shipping point, Oregon.

E. J. Stanton & Sons Lbr. Co.: (1) no bid; (2) \$14,205; disc. 2% 10 days; shipping point, Oregon.

Patrick Lbr. Co.: (1) \$10,500; (2) \$12,940; disc. 2% 10 days; shipping point Oregon.

Globe Lbr. Co.: (1) \$9744; (2) no bid; terms net; shipping point, Columbia Junction, Wash.

Geo. E. Miller Lbr. Co.: (1) \$9750; (2) \$12,545.50; disc. 2% 20 days; ship. points (1) Washington; (2) Oregon.

J. F. Sharpe Lbr. Co.: (1) \$10,800; (2) \$15,125; disc. 2% 10 days; shipping point, Oregon.

Chapman Lbr. Co.: (1) \$10,500; (2) \$12,317.50; disc. 2% 10 days; shipping points, Washington and Oregon.

Hammond Lbr. Co.: (1) \$9870; (2) \$13,460; disc. 2% 30 days; shipping points (1) Washington; (2) Oregon.

Patten-Blinn Lbr. Co.: (1) no bid; (2) \$25,720; disc. 2% 30 days; deliv. to job site.

Twin Harbors Lbr. Co.: (1) \$10,050 (2) \$11,990; disc. 2% 10 days (all or none); shipping point, Oregon.

Jas. L. Hall: (1) \$33.50 per M. Oregon, and \$36.50 per M. Washington; (2) \$15 per M. Oregon; (1) shipping 30 days; (2) ship. 45 days; disc. 4% 30 days.

W. E. Cooper Lbr. Co.: (1) \$10,125; (2) \$17,115; disc. 2% 30 days; shipping points (1) Washington; (2) Oregon. 20

BIDS WANTED

LOS ANGELES, Calif.—Until June 6, 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for about 48,000 c.y. of coarse aggregate and 30,000 c.y. of sand, furnished and delivered into Government batching plant or stock piles located within 1 mile of Grandview Ave. and San Fernando Road, in Glendale; Invit. No. ER-509-38-573. The items are:

- (1) 29,000 c.y. coarse aggregate, 1 1/2 in. to 3/4-in. size;
- (2) 19,000 c.y. coarse aggregate, 1-in. to No. 4 mesh size;
- (3) 30,000 c.y. sand. 20

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Columbia Steel Co., at \$14,960, and Bethlehem Steel Co., at \$323,67, awarded contracts by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2002, for furnishing rail, tie plates and mate castings for the Municipal Railway. 20

BIDS OPENED

LOS ANGELES, Cal.—Southwestern Portland Cement Co., Roosevelt Bldg., Los Angeles, at \$1.60 per bbl., total \$28,000, submitted low bid to Metropolitan Water District for furnishing 80,000 barrels of portland cement delivered at batching plant at West Portal of San Jacinto tunnel; Spec. 279. The other bids were:

Riverside Cement: \$1.63 bbl., total, \$130,400.

California Portland Cement Co.: \$1.65 bbl., total, \$132,000.

Monolith Portland Cement Co.: \$1.75 bbl., total, \$14,000; discount 10c per barrel. 20

June 1, 1938.

BIDS OPENED

OAKLAND, Cal.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing reinforcing steel for use on Mountain Boulevard Culvert near Oak Knoll Blvd.

Bids received on: (1) per 100 lbs. 1/2-inch square bar straight; (2) per 100 lbs. 1/2-in. square bar bent; (3) per 100 lbs. 3/4-in. round bar bent.

Bids were:

Gunn Carle & Co., San Francisco—(1) \$3.08, (2) \$3.47, (3) \$3.37.

S. S. Herrick, Oakland—\$3.04, \$3.25, \$3.13.

Geo. R. Bormann Steel Co., Oakland—\$2,884, \$3,296, \$3,193.

Bethlehem Steel Co.—\$3.07, \$3.47, \$3.37. 20

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 15, 8 P. M., bids will be received by the Board of Education of the Berkeley Unified School District, Clara F. Andrews, Secretary, Room 203, Administration Building, Berkeley, for furnishing fuel oil.

Plans and specifications available at the above office. 20

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 14, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing traffic lacquer.

Bids will be taken on:

- (1) 750 gallons more or less white;
- (2) 100 gallons more or less red;
- (3) 1000 gallons more or less yellow;
- (4) 25 gallons more or less black;
- (5) 200 gallons denatured alcohol;
- (6) 60 gallons lacquer thinner.

Plans and specifications available at the above office. 20

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 14, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing 1200 tons of sand.

Plans and specifications available at the above office. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Service Station Equipment Co., 615 2nd St., San Francisco, at \$212.75; 1% 10 days; for San Francisco, submit-

ted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5695, for furnishing one gasoline dispensing unit and four lubricating oil outfits. 20

CONTRACTS AWARDED

SAN FRANCISCO, Cal.—Bethlehem Steel Co., at \$2,143.41, and Columbia Steel Co., at \$1316.87, were awarded contracts by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2001, for furnishing cast manganese frogs for the Municipal Railway. 20

ALAMEDA COUNTY PERMITS UNDER \$1000

CONCESSION building, \$140; Oakland Municipal Airport, Oakland; owner and contractor, The Interstate Co., Ferry Bldg., San Francisco.

GARAGE, 1-story, \$60; 2707 Hopkins St., Oakland; owner and contractor, A. F. Balwick, Prem.

GARAGE, 1-story frame, \$500; 9329 Skyline Blvd., Oakland; owner, W. E. Maxfield, Prem.; contractor, Chas. Ungaretti & Son, 1727 Foothill Blvd.

GARAGE, 1-story frame, \$50; 641 Aileen St., Oakland; owner and contractor, M. Candia, Prem.

REROOF, \$200; 1607 Miller Avenue, Oakland; owner, C. Foekel, 1607 Miller Ave.; contractor, Jack Johnson Roofing Co., 2323 Foothill Blvd.

ALTERATIONS, \$325; 805 27th St., Oakland; owner, Mrs. L. Sagous, 801 27th St.; contractor, Alameda Home Builders, 1535 Everett St., Alameda.

REROOF, \$57; 2329 E. 16th Street, Oakland; owner and contractor, John Joseph, 2329 E. 16th St.

GARAGE, 1-story, \$200; 32 Sheridan Rd., Oakland; owner, Rod McPherson, 220 Sunnyside Avenue, Piedmont; contractor, E. P. Rlep & Son, 529 Stannage Ave., Albany.

ALTER garage, \$150; 681 55th St., Oakland; owner and contractor, F. Cummins, 720 2nd St., Antioch.

ALTERATIONS, \$120; 2872 E. 7th St., Oakland; owner and contractor, Joe Sequiera, Prem.

ADDITION, \$90; 733 Henry Street, Oakland; owner and contractor, Mary P. Johnson, Prem.

BLEACHERS, \$500; Oakland Air Port, Oakland; owner, Pacific International Air Races, Latham Square Bldg.; contractor, J. L. Stuart Mfg. Co., 33 Front St., San Francisco.

SIGN, metal, \$30; SE Cor. 3rd Ave. and E. 12th St., Oakland; owner, C. W. Boden, Prem.; contractor, Oakland Sign Co., 579 18th St.

SIGN, cloth, \$5; 54 7th St., Oakland; owner and contractor, Howard Moffitt, Prem.

V SIGN, \$100; 3719 Hopkins Street, Oakland; owner and contractor, Louis Passifunus, Prem.

SIGN, electric, \$275; 4810 Telegraph, Oakland; owner, Temiscal Pharmacy, Prem.

SIGN, metal, \$10; 1463 14th Street, Oakland; owner and contractor, Joe Fiore, Prem.

ALTERATIONS, \$150.00; 34 Jerome Avenue, Piedmont; owner, Mrs. Kimball, premises; contractor, G. Williams, 806 Jackson St., Albany.

ROOFING, \$200; 2018 Oakland Ave., Piedmont; owner, Geo. C. Chase, 72 Lincoln Ave., Piedmont; contractor, W. L. Ridout, 642 Pacific Ave., Alameda.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Walls |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED
SAN JOAQUIN CO., Cal.—Nelson & Wallace, 2nd and Coley Sts., Escalon, at \$9,057.20 awarded contract by the State Division of Highways, Sacramento, for the construction of a reinforced concrete slab bridge, consisting of four 20-ft. 9-in. spans and two 15-ft. 6-in. spans on concrete pile bents, across Littlejohns Creek, about 0.4 mile east of Farmington, San Joaquin County. * 21

CONTRACT AWARDED
SACRAMENTO COUNTY, Cal.—C. C. Gildersleeve, Berkeley, at \$6,514.91 was awarded contract by State Division of Highways, Public Works Bldg., Sacramento, for re-decking a bridge across Three Mile Slough, 7.4 miles north of Contra Costa County Line, Sacramento County. * 21

BIDS WANTED
PLUMAS CO., Cal.—Until June 22, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing bridges at Fork Creek, Chippis Creek and Yellow Creek; a culvert at Little Indian Creek, and about one-quarter mile grading roadway, Plumas County, Cal.

- Work involves:
- (1) 150 c. y. exist. conc. remove and dispose of;
 - (2) 75,000 lbs. exist. struc. steel removed and salvaged;
 - (3) Clear and grub;
 - (4) 24 M. gals. water;
 - (5) 15,000 c. y. roadway excav., without class;
 - (6) 3,300 c. y. struc. excav.;
 - (7) 55,000 sta. yds. overhaul;
 - (8) 14 sta. finish roadway;
 - (9) 138,200 lbs. bar reinf. steel;
 - (10) 286 c. y. Class A portland cement concrete footing blocks;
 - (11) 892 c. y. class A portland cement concrete strucs.;
 - (12) 65,000 lbs. struc. steel;
 - (13) 620 lbs. cast steel;
 - (14) 478 lf. timber railing;
 - (15) 38 lf. remove, clean and salvage pipe culverts;
 - (16) 6 each, clearance markers;
 - (17) 1 lot temporary rail and bents;
 - (18) remove and salvage detour bridge;
 - (19) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. * 21

BIDS OPENED
CHICO, Butte Co., Cal.—Shalz Construction Co., 3445 Woodland Ave., Chico, at \$14,121.73 submitted low bid to Chico City Council, H. H. Hume,

City Clerk, City Hall, Chico, for the construction of a concrete bridge 30 ft. long and 30 ft. wide on Ivy St. over Chico Creek in the city of Chico.

- Work involves:
- (1) 1,815 c. y. channel excavation;
 - (2) 850 c. y. structural excavation;
 - (3) 406 c. y. concrete in pier, abutments and wings below girder;
 - (4) 125 c. y. concrete in girders and floor;
 - (5) 10 c. y. concrete in rail and posts;
 - (6) 70,000 lbs. reinf. steel, in place;
 - (7) 1076 lbs. expansion joint metal;
 - (8) 200 lf. electrical conduit, in place;
 - (9) 2 street light electroliers installed complete.

- Total bids follow:
- (A) Shalz Const. Co., 3445 Woodland Ave., Chico, \$14,121.73.
 - (B) J. M. Brown, Chico, \$16,929.59.
 - (C) Franzini & Fredenburg, San Rafael, \$16,939.70.
 - (D) Johnson Rock Co., Stockton, \$20,858.83.
 - (E) C. W. Caletti & Co., San Rafael, \$21,213.34.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	\$.375	\$.70	\$.35	\$ 1.25	\$.44
(2).....	1.00	1.95	1.50	2.00	1.51
(3).....	13.30	15.00	18.00	21.50	19.20
(4).....	15.69	23.95	21.25	25.00	36.60
(5).....	45.60	48.00	50.00	45.00	72.46
(6).....	.053	.055	.055	.06	.075
(7).....	.185	.09	.20	.08	.27
(8).....	1.10	1.00	.50	.50	.95
(9).....	165.00	144.00	200.00	100.00	138.75

* 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED
LONG BEACH, Los Angeles Co., Cal.—Rohl-Connelly Co., 4351 Valley Blvd., Los Angeles, at \$177,700, submitted the low bid to the Long Beach harbor commission, for constructing a rock dyke hydraulic dredging, filling and other work. Plans No. HD 50,000 and Spec. HD 63.

- The work involves:
- (1) Constructing a rock dike betw E jetty and E mole, including rock necessary to bring the southerly end of the E jetty and the E mole from Sta 4 plus 58.53 to Sta 9 plus 92.24 to grade. Approx. 35,000 tons Class I and Class II rock;
 - (2) Rebuilding the E jetty to conform with top and slope lines shown on said plans by recovering rock along jetty outside of slope lines, approx 2000 tons of rock, and replacing such rock to conform with top and slope lines

- shown on E jetty section of said plans;
- (3) Making blanket, fill slide of E jetty, E mole and dike with rock and fine material to seal voids. Approx 14,000 tons;
 - (4) Dredging approx 500,000 c. y. from the area noted on said plans to be dredged, and depositing in area of proposed fill noted on said plans;
 - (5) Recovering approx 1100 ft of 36-in C 1 pipe lying along ocean bottom east of the E jetty; constructing a sewer by-pass with a portion of this pipe, as shown on plans, and delivering the balance of the pipe to the city of Long Beach yard at San Francisco and 14th Sts., Long Beach.

- Total bids follow:
- (A) Rohl-Connelly Co.—\$177,700.
 - (B) Case Constr. Co.—\$184,200.
 - (C)—Standard Dredging Co.—\$202,250
 - (D) San Francisco Bridge Co.—\$226,500.
 - (E) Warren Southwest, Inc.—\$258,500.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(A)	\$1.90	\$1.75	\$1.50	\$0.15	\$6.000
(B)	1.75	1.35	1.00	.18	11.000
(C)	2.25	3.00	1.50	.16	9.750
(D)	2.25	5.00	2.25	.13	9.500
(E)	1.64	3.51	4.19	.233	14,000

* 22

BIDS OPENED
SEATTLE, Wash.—General Constr. Co., 3840 Iowa St., Seattle, at \$67,662, submitted low bid to the U. S. Engineer Office, 754 Central Blvd., Seattle, for dredging about 378,000 c. y. material from Duwamish Waterway, Seattle Harbor. Est. cost, \$64,926.

Puget Sound Bridge & Dredging Co., Seattle, at \$74,844, submitted only other bid. * 22

BIDS WANTED
LANE CO., Ore.—Until June 14, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Fittock Block, Portland, Oregon, under Bid No. 698-35-613, for bank clearing, bank sloping, gravel borrow and gravel excavation and construction of approximately 3,780 feet of rock riprap revetment, located in the Lane County District Improvement Co. No. 1, at Marshall Island, 170 miles above the mouth of Willamette River, Lane Co., Oregon.

- Work involves:
- (1) 0.5 acre bank clearing;
 - (2) 600 c. y. bank sloping;
 - (3) 13,600 c. y. gravel excav.;
 - (4) 1300 c. y. gravel borrow;
 - (5) 18,400 tons rock riprap, in place;
 - (6) 6200 sta. yds. overhaul.
- Plans and specifications may be obtained from the above office. * 22

23— CANALS

COMPLETE BIDS
ALL-AMERICAN CANAL.—Atlas Constr. Co., 39 Congress St., Pasadena, at \$262,240, submitted low bid to the U. S. Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., under Spec. No. 766, for construction of structures, Station 1898-00 to Station 3416-40, All-American Canal, and Station 21-68.41 to Station 95-83, New Briar Canal, All-American Canal system, Boulder Canyon Project. The work is located from 4 to 32 miles east of Calxico, Cal.

Complete list of items involved:

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento • California

- (1) 42,300 c.y. excav. for strucs.;
- (2) 87,500 c.y. excav. of temporarily excavated sections of All-American Canal and for canal and lateral connections;
- (3) 64,650 c.y. backfill;
- (4) 18,400 c.y. compacting backfill;
- (5) 5,670 c.y. concrete in structures;
- (6) 626,300 lbs. placing reinf. bars;
- (7) 900 lf. installing rubber water stops;
- (8) 720 sq. ft. installing elastic joint-filler material;
- (9) 1,500 sq. yds. dry-rock paving;
- (10) 188 lf. laying 24-in. diameter concrete pipe;
- (11) 60 lf. laying 30-in. diam. conc. pipe;
- (12) 117 MFEM erecting timber in structures;
- (13) 280 lf. erecting No. 156 metal flume;
- (14) 242 lf. erecting No. 228 metal flume;
- (15) 223,700 lbs. installing gates, gate hoists, and operating and control mechanisms;
- (16) 8,400 lbs. installing pipe hand-rails and guardrails;
- (17) 20,600 lbs. installing miscellaneous metalwork;
- (18) 1,280 lf. installing electrical metal conduit;
- (19) 192 lbs. installing electrical conductors. * 23

- Total bids follow:
- (A) Atlas Constr. Co., Pasadena—\$262,240.
 - (B) Ralph A. Bell, Monrovia—\$271,945.30.
 - (C) Pleasant-Hasler Co., Phoenix—\$289,444.60.
 - (D) Lewis-Chambers Constr. Co., New Orleans, La.—\$452,087.
 - (E) V. R. Dennis Constr. Co., San Diego—\$455,953.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	
(1).....	\$ 1.25	\$ 0.40	\$ 0.54	\$ 1.70	\$ 1.25
(2).....	.35	.40	.40	.80	.25
(3).....	.25	.25	.26	.60	.30
(4).....	.30	.40	.40	1.00	.65
(5).....	20.00	27.00	28.00	32.00	50.00
(6).....	.025	.02	.02	.03	.02
(7).....	.35	1.50	1.00	1.70	1.00
(8).....	.35	1.50	.54	.60	.50
(9).....	3.50	3.00	5.40	8.00	5.00
(10).....	1.00	1.50	4.00	1.50	2.00
(11).....	1.50	2.00	2.00	2.00	2.50
(12).....	50.00	40.00	65.00	60.00	200.00
(13).....	4.00	3.00	4.00	8.00	2.00
(14).....	5.00	3.50	5.00	12.00	2.50
(15).....	.05	.05	.054	.10	.07
(16).....	.07	.20	.08	.10	.12
(17).....	.08	.15	.10	.10	.12
(18).....	.20	.20	.60	.60	.50
(19).....	.25	.40	1.00	1.00	1.00

* 23

CONTRACT AWARDED
YAKIMA PROJECT, Wash.—Haas, Doughty and Jones and Marshall & Stacy, 1104 Merchants' Exchange Building, San Francisco, at \$140,293 were awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 783, for the construction of earthwork, canal lining, and structures, Station 804 plus 74 to Station 924, Yakima Ridge Canal, Roza Division, Yakima Project, Wash. * 23

CONTRACT AWARDED
SUN RIVER PROJ., Mont.—Jack Boyne, 37 Oak St., Council Bluffs, Iowa, at \$25,754.40 was awarded contract by the U. S. Bureau of Reclamation, Fairfield, Montana, under Spec. No. 1059 - D, for construction of earthwork and structures for open drains, Greenfields Division, Sun River Project. Work is located near Fairfield, Mont. * 23

24—STREET LIGHTING

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for constructing five ornamental lighting systems were awarded by the Los Angeles Board of Public Works, as follows:

Installation of an ornamental lighting system in the North Hollywood Park Lighting District to C. E. Nickel—\$11,882.

Installation of an ornamental lighting system in Barham Blvd., between the city boundary at the L. A. River and Cahuena Blvd., to R. A. Wattson—\$18,998.

Installation of an ornamental lighting system in Castelar Street between Figueroa Street and Sunset Blvd., to R. H. Walker—\$18,178.

Installation of an ornamental lighting system in Crenshaw Blvd. between Exposition Blvd. and 60th. to E. C. Nickel—\$19,921.

Installation of an ornamental lighting system in Hollenbeck Park Lighting District to R. H. Walker—\$7,545. * 24

25—MACHINERY AND EQUIPMENT

BIDS WANTED

BEVERLY HILLS, Los Angeles Cal.—Until June 7, 2 P. M., bids will be received by the Beverly Hills City Council for furnishing one vertical line sludge calciner, together with sludge filter of the Oliver type and other accessories. The calciner and filter may be equipment which has not been in use more than five months. Plans and specifications may be obtained at the office of Taylor & Taylor, 725 S Spring St., Los Angeles. B. J. Firminger, city clerk. * 25

BIDS OPENED

SACRAMENTO, Cal.—Dolan Tractor Co., Sacramento, at \$800, net, submitted only bid to the Constructing Quartermaster, Sacramento Air Depot, under Bid No. QN 6870-38, for furnishing bulldozer. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 63009, Req. No. 11096, for one tractor and trailer; f.o.b. Sacramento. Turn-in: Allis-Chalmers K-35 tractor CHC 669 and Wooldridge Bulldozer CHC 28. * 25

Bids were:

Weaver-Rye Tractor Co., Sacramento, \$5140.22, turn-in allowance \$1432.50; net \$3707.52; disc. \$68.30 da.

Knox-Hale Machinery Co., S. F., \$5989.65, turn-in allowance \$1150; net \$4839.65; net. Moore Equipment Co., \$4865, turn-in allowance \$1265, net \$3600; disc. \$80.30 da. * 25

BIDS OPENED

DENVER, Colo.—Ruth Dredge Mfg. Co., Los Angeles, Cal., at \$15,975, wt. 42,000 lbs., disc. 1/2 of 1%, f.o.b. Los Angeles, submitted only bid to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1061-D, for furnishing one ditch-cleaning and excavating machine of crawler-tractor and endless-chain bucket-digging-unit type, to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Belle Fourche Project, South Dakota. * 25

BIDS OPENED

BOULDER CANYON PROJ.—The following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1066-D, for furnishing and delivering three coupling capacitors, three distribution transformers and protective devices and accessories, and three carrier line traps for installation in the Boulder power plant, Boulder Canyon Project. Apparatus will be installed by the government; fob shipping point and/or Boulder City, Nev. * 25

Bids were:
 Westinghouse Elec. & Mfg. Co., Denver, (1) \$7,710, wt. 1500; (2) \$2,450 wt., 2,400; net; fob Boulder City.
 General Elec. Co., (1) \$7,590, wt. 4850; (2) \$2,310, wt. 3,000; net; fob Boulder City. * 25

BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Acme Traffic Signal Co. 1716 Naud St., Los Angeles, at \$1,333.90 (Alternate \$1,263.90) submitted low bid to the Bakersfield City Council for the installation of automatic traffic signals at the intersection of 18th St. and Union Ave., Bakersfield. * 25

Total bids follow:
 Acme Traffic Signal Co. 1716 Naud St., Los Angeles.....\$1,333.90
 Alternate..... 1,263.90
 Sam Fingerhut, Bakersfield, 1,618.67
 Bakersfield Electric Co..... 1,675.94
 H. O. Bauerle, Los Angeles, 1,678.10
 Underground Const. Co., Berkeley..... 2,290.00
 * 25

BIDS WANTED

GRAND COULEE, Wash.—Until June 14, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1075-D, for furnishing and delivering bulkhead gate liners and anchor rods for the bulkhead gates to be installed at the outlet ends of the turbine draft tubes in nine main units and three station-service units at the Grand Coulee power plant, Columbia Basin Project, Wash. F.o.b. shipping point and/or Odair, Wash. Materials will be installed by the Government. * 25

Plans and specifications may be obtained at the above office; no charge to prospective bidders; to others, \$0.25, not returnable. * 25

BIDS WANTED

OAKLAND, Cal.—Until June 8, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS-217, for furnishing (1) 5000 meter boxes with covers; (2) 2500 extra concrete meter covers, rectangular type; (3) \$1,500 extra meter covers, oval type; (4) 400 meter boxes, type 5, with covers and (5) 150 meter boxes, type 6, with covers. * 25

Plans and specifications available at the above office. * 25

BIDS OPENED

REDDING, Shasta Co., Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quer. N. 63312, Req. No. 26914, for furnishing one 12-ft. dual-drive, diesel or Hesselman type engine powered motor grader with scarifier; fob Redding. * 25

Bids were:
 J. D. Adams Co., San Francisco, \$5,297.40; 2% 30 days.
 Speer & Wells Mch. Co., Oakland, \$5325; 100; 10 days.
 Weaver-Rye Tractor Co., Sacramento, \$5308.34; \$50; 30 days.
 Sacramento Tractor & Equip. Co., \$4811.50; 2% 30 days.
 Harron, Rickard & McCone Co., San

Francisco, \$4578; \$50; 30 days.
Knox-Hale Machinery Co., S. F.,
\$4823.50; net. * 25

May 31, 1938.
CONTRACT AWARDED
LOS ANGELES, Calif.—Westing-
house Elec. Mfg. Co., at \$70,272.86,
was awarded contract by Los An-
geles Water & Power Commission,
for feedage voltage regulators, Spec.
2584. * 25

BIDS WANTED
COALINGA, Fresno Co., Cal.—Un-
til June 16, 7 P. M., bids will be
received by the Coalinga Grammar
School District, Annie E. Cheney,
Clerk, Coalinga Union High School
Bldg., for furnishing 43 - passenger
bus. * 25

BIDS OPENED
ALAMEDA COUNTY, Calif.—Follow-
ing submitted bids to the State
Division of Highways, Department
of Public Works, Jno. H. Skeggs,
District Engineer, District IV, Room
211, State Bldg., San Francisco, for
the rental of one 45-h.p. tractor for
600 hours' use in Alameda County.

Bids were:
W. E. Karstedt, San Jose, \$4.49 per
hour.
Moore Equipment Co., Stockton,
\$3.90 per hour.
A. Soda & Son, Oakland, \$4.35.
A. L. Green, Oakland, \$4.44.
R. P. Easily, Antioch, \$5.40.
O. V. Freeman, Palo Alto, \$5.00.
W. A. Trimble, S. F., \$4.60.
West Const. Co., S. F., \$3.89.
Eaton & Smith, S. F., \$3.95.
Ariss-Knapp Co., Oakland, \$5.50.
Galvin Smith, Carruthers, \$5.50.

BIDS WANTED
MENDOCINO COUNTY, Cal.—Un-
til June 6, 11 A. M., bids will be re-
ceived by the State Division of High-
ways, Department of Public Works,
G. F. Hellesoe, Acting District En-
gineer, 546 W. Wabash Ave., Eureka,
for the rental of one 1,000 gallon ca-
pacity water sprinkler for 300 hours'
use in the vicinity of Fort Bragg,
Mendocino County.

Bids must be made on proposal
forms obtainable at the above office.
* 25

CONTRACT AWARDED
GOVERNMENT ISLAND, Calif.—
Norris K. Davis, 400 7th St., San
Francisco, at \$445, 2% 10 days, f.o.b.
Waterloo, Iowa, submitted low bid
and was awarded contract by the
Forest Service Supply Depot, Frank
Haynie, Supply Officer, Government
Island, Oakland, under Bid No. 5712,
for one concrete mixer with loader
and water tank, mounted on truck
with four steel wheels.

BIDS OPENED
SACRAMENTO, Calif.—Following
submitted bids to the U. S. Engineer
Office, Col. L. B. Chambers, District
Engineer, Room 208, Post Office
Bldg., Sacramento, under Bid No.
1105-38-271, for rental of one RD
No. 7 or equal, caterpillar tractor
and bulldozer equipped with LeTour-
neau or equal power unit for lifting
bulldozer, for 300 hours' use in Sacra-
mento.

Bids were:
A. L. Green, Oakland, \$2.64 per
hour; total \$792.
G. E. Murray, Modesto, \$4.00 per
hour; total \$1,200.
Lord & Bishop, Sacramento, \$5.95
per hour; total \$1,785.
Crane & Cox, Healdsburg, \$7.25 per
hour; total \$2,175.
Brown & Livingston, \$8.00 per hr.;
total \$2,400. * 25

BIDS OPENED
SAN MATEO to Santa Cruz Cos.,
Calif.—Following submitted bids to
the State Division of Highways, De-
partment of Public Works, Jno. H.
Skeggs, District Engineer, District
IV, Room 211, State Bldg., San Fran-
cisco, for rental of one 35-h.p. trac-
tor equipped with bulldozer and 4-
c.y. carryall for 500 hours' use in San
Mateo and Santa Cruz counties.

Bids were:
W. E. Karstedt, San Jose, \$6.50
per hour.
Moore Equipment Co., Stockton,
\$4.45 per hour.
A. D. Robinson, Healdsburg, \$5.45.
A. Soda & Son, Oakland, \$5.74.
R. P. Easily, Antioch, \$5.40.
J. O. Archibald, Redwood City, \$5.50
L. C. Smith, San Mateo, \$5.50.
O. V. Freeman, Palo Alto, \$6.00.
W. A. Trimble, S. F., \$6.50.
West Const. Co., S. F., \$5.50.
Galvin Smith, Carruthers, \$5.25.

BIDS OPENED
SANTA CLARA and Santa Cruz
Cos., Cal.—Following submitted bids
to the State Division of Highways,
Department of Public Works, Jno.
H. Skeggs, District Engineer, Dis-
trict IV, Room 211, State Bldg., San
Francisco, for the rental of four 3-
c.y. capacity dump trucks for 1500
hours' work in Santa Clara and San-
ta Cruz counties.

Bids were taken on: (1) hand load-
ing; (2) bunker loading; (3) power
loading.
Bids were:
C. T. Holt and E. W. Johnson, Berke-
ley, (1) \$2.25; (2) \$2.10; (3) \$2.50.
Pacific Truck Service, Inc., San
Jose, (1) \$2.35; (2) \$2.55; (3) \$2.75.
Sam E. Bonsangue, Los Angeles,
(1) \$2.35; (2) \$3.55; (3) \$2.75.
Chas. W. Beughl, Millbrae, (1) \$2.65
(2) \$2.90; (3) \$3.15.
Portola Truck Service, San Fran-
cisco, (1) \$2.35; (2) \$2.55; (3) \$2.75.
* 25

CONTRACT AWARDED
OAKLAND, Calif.—Sam Bates Co.,
1925 Dennison St., Oakland, at \$192.75
per month, was awarded contract by
the Oakland Port Commission, foot
of Grove St., Oakland, for the rental
of one air compressor for a 6 months'
period. * 25

**27—WPA PURCHASES,
RENTALS**

BIDS WANTED
SAN FRANCISCO.—Bids will be
received by the U. S. Treasury De-
partment, J. W. Knox, Procurement
Officer, Room 518, 49 Fourth Street,
San Francisco, for furnishing sup-
plies and materials, as follows:

June 7, 10:00 A. M.
BID NO. 5485—Steel boiler; f.o.b.
Moscow St. and Geneva Ave.,
San Francisco.
BID NO. 5487—50 M red brick; f.o.b.
San Jose, Cal.
BID NO. 5488—29,117 ft. h.m. Doug-
las fir and 10,852 ft. b.m. Red-
wood lumber; f.o.b. Berkeley,
Cal.
BID NO. 5489—Corrugated metal pipe
culvert and band couplers; f.o.b.
Bakersfield, Cal.
BID NO. 5490—Chain link fence; f.o.b.
27th and Cabrillo Sts., S. F.
BID NO. 5493—45 manhole rings and
covers; f.o.b. San Jose. * 27

CONTRACTS AWARDED
SAN FRANCISCO.—Following con-
tracts awarded by the U. S. Treasury
Dept., 49 Fourth St., San Francisco,
for furnishing misc. supplies, mate-

rials and equipment, for use on WPA
projects:

BID NO. 5444: Tide Water Assoc.
Oil Co.: \$5.50; \$4812.50; Vulcan;
875 tons of asphalt, SC-2; net.
BID NO. 5413: Gibson Concrete Pipe
Co.; \$620; net; portland cement.
BID NO. 5427: Sherwin-Williams;
Item 1, partial bid.
BID NO. 5312: Requisition cancelled;
no award; redwood split posts.
BID NO. 5354: Gladding, McBean;
\$0.287; \$1148; net; six-inch clay
sewer pipe.
BID NO. 5359: Valley Conc. Pipe &
Products: \$910.50; 2% 20; reinf.
concrete pipe.
BID NO. 5383: Pacific Pumping Co.:
\$40 per mo.; net; portable cen-
trifugal pump.
BID NO. 5402: Mission Quarry: \$1-
260; 2% 30; crushed rock.
BID NO. 5407: Geo. R. Borman
Steel Co.: \$661; 1/2 of 1% 30; steel
reinf. bars.
BID NO. 5416: Concord Mercantile:
\$437.50; 2% 30; creek run gravel.
BID NO. 5423: P. H. Russell: \$298;
hay; net.
BID NO. 5428: Builders Lumber Co.:
\$324; 2% 30; Portland cement.
BID NO. 5434: Knox Lumber Co.:
\$0.65; \$390; net; portland cement.
BID NO. 5373: No award; ready; as
Bid No. 5444 (see above); liquid
asphalt.
BID NO. 5411: Standard Dist. Co.:
\$1.08 on white lacquer; 1% 30.
Dan P. Maher: \$1.70 on lacquer
thinner: 2% 20. * 27

BIDS WANTED
SAN FRANCISCO.—Bids will be
received by the U. S. Treasury De-
partment, J. W. Knox, Procurement
Officer, Room 518, 49 4th St., San
Francisco, for furnishing supplies
and materials and rental of equip-
ment, as follows:

June 7, 10:00 A. M.
BID NO. 5494—Rental of two dump
trucks, 1 1/2-ton rated capacity,
equipped with not less than 3 cu.
yu. (water level) capacity
dump bodies and dual rear tires;
f.o.b. Fresno County Fairgrounds.
June 8, 10:00 A. M.
BID NO. 5496—Doors, jambs and
trim; f.o.b. Moscow St. and Gene-
vea Ave., San Francisco.
BID NO. 5501—Mimeograph & bond
paper; f.o.b. 49 Fourth St., San
Francisco.
June 9, 10:00 A. M.
BID NO. 5479—Toilet partitions; f.o.b.
Moscow St. and Geneva Ave.,
San Francisco.
BID NO. 5486—Builders hardware;
f.o.b. Larkin and Beach Streets,
San Francisco.
BID NO. 5497—240 lf. corrugated
metal pipe culvert; f.o.b. Farley,
Calif.
June 10, 10:00 A. M.
BID NO. 5495—7000 lin. ft. welded
steel pipe; f.o.b. Maxwell, Co-
lusa Co., Cal. * 27

CONTRACT AWARDED
SAN FRANCISCO.—The following
contracts were awarded by the U. S.
Treasury Dept., 49 Fourth St., San
Francisco, for furnishing miscella-
neous supplies and materials, for use
on WPA projects, as follows:
BID NO. 5400—Loop Lumber Co.,
\$498; 2% 30; misc. lumber.
BID NO. 5401—G. Mazzeria & Co.,
\$2862; 1/2 of 1% 30; Portland ce-
ment.
BID NO. 5409—Calif. Corr. Culvert,
\$671.35; 1/2 of 1% 20; culvert pipe.
BID NO. 5412—American Bitumuls
Co., \$253; net; emulsified as-
phalt.
BID NO. 5422—Loop Lumber Co.,
\$892.50; Douglas fir.
BID NO. 5424—Richmond Sanitary,

\$793.86; 2% 30; pipe and fittings.
 BID NO. 5425—Daugherty Lumber Co., \$425; net; 5 days; Cottage Grove; Douglas fir. * 27

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects; BID NO. 5404—A. S. Willis; \$4.39 per hr.; tractor, scraper and bulldozer.
 BID NO. 5410—Loop Lumber Co.; \$454.48; misc. timber.
 BID NO. 5428—Montague Pipe & Steel Co.; \$230.40; 640 lin. ft. pipe.
 BID NO. 5429—Daniel Contractor Co.; \$594.70; 314 tons crushed rock.
 BID NO. 5374—Richmond Sanitary; \$526.34; radiators. * 27

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

OAKLAND, Calif.—Independent Construction Co., Ltd., 46th Ave. and Clement St., Oakland, at \$7,949, was awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for the pavement of the extension of Ninth Ave. Pier, Oakland. * 29

BIDS WANTED

RICHMOND, Contra Costa Co., Cal.—Until June 13, 8 P. M., bids will be received by the Richmond City Council, City Clerk, City Hall, for widening of pavement on Pullman Ave. between South Street and Potrero Ave. and resurfacing approaches on intersecting streets in the City of Richmond. * 29

Estimated quantities are:

- (1) 11,000 c.y. excavation;
- (2) 300 c.y. fill;
- (3) 300 tons type A asphalt wearing surface;
- (4) 460 tons type B do;
- (5) 50 tons type C do;
- (6) 900 tons asphalt concrete base course;
- (7) 400 tons crusher run base;
- (8) 60 tons screenings (binder material);
- (9) 325 lf. removing existing curb;
- (10) 1,650 lf. removing top existing curb;
- (11) 500 lf. removing 2-inch wearing surface;
- (12) 4,400 sq. ft. Portland cement concrete gutter;
- (13) 325 lf. Portland cement concrete curb 4-inch curb base;
- (14) 1,875 lf. Portland cement concrete curb 8-inch curb base;
- (15) 1 each Portland cement concrete catchbasin;
- (16) 2 each 8-inch corrugated iron pipe inlet.

Plans and specifications may be obtained from City Engineer E. A. Hoffman upon deposit of \$5. * 29

CONTRACT AWARDED

STOCKTON, San Joaquin County, Calif.—Healey-Moore Co., 344 High St., Oakland, at \$16,043.67, was awarded contract by the Stockton City Council, City Hall, for the improvement of W. Fremont Street from El Dorado to Argonaut St., Stockton.

I. W. Wells, Oakland, at \$2,975, was awarded contract for planning on the above job. * 29

BIDS WANTED

ELKO COUNTY, Nev.—Until June 16, 2:50 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, He-

rees' Memorial Bldg., Carson City, Nev., for approximately 12.05 miles construction of a portion of the State Highway from a point approximately ten miles north of Dinner Station to a point approximately 5 miles south of North Fork, Route 43, Sections A and B, Elko County, Nevada.

Work involves:

- (1) 54 acres clearing;
 - (2) lump sum, remove building;
 - (3) 36 lf. remove culvert pipe;
 - (4) 107,807 c.y. rdwy. excav.;
 - (5) 2,950 c.y. drainage excav.;
 - (6) 130 sta. V-type ditches;
 - (7) 60,410 cu. yd. overhaul;
 - (8) 227 yd. mi. overhaul;
 - (9) 910 c.y. struc. excav.;
 - (10) 1,340 c.y. backfill;
 - (11) 12.05 miles subgrade, Type C;
 - (12) 14 M. gals. water;
 - (13) 52,210 tons type 1 gravel base;
 - (14) 27,945 tons type 2 gravel base (½-in. size);
 - (15) 138 c.y. Class A concrete;
 - (16) 45 c.y. Class B concrete;
 - (17) 14,280 lbs. reinforcing steel;
 - (18) 1,520 lf. 18-in. corr. metal pipe;
 - (19) 708 lf. 24-in. do;
 - (20) 42 lf. 30-inch do;
 - (21) 206 lf. 36-inch do;
 - (22) 36 lf. relay culvert pipe;
 - (23) 82 each manholes.
- Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, of which \$5 will be refunded. * 29

CONTRACT AWARDED

MERCED CO., Calif.—Hanrahan Co., Hobart Bldg., San Francisco, at \$335,324, awarded contract by State Division of Highways, Public Works Bldg., Sacramento, for about 5.7 mi. to be graded, portions to be paved with Portland cement concrete and asphaltic concrete, and portions to be surfaced with plant-mix surfacing on untreated crushed gravel or stone and constructing reinforced concrete bridges between 5.7 miles southerly and Merced, Merced County. * 29

CONTRACT AWARDED

WHITMAN CO., Wash.—Clifton & Applegate, Hutton Bldg., Spokane, at \$25,731, were awarded contract by the Whitman County Board of Commissioners, Court House, Colfax, Wash., for the improvement of 2.31 miles of the Onecho-Almotto Road, County Road Project No. 6. * 29

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Santa Barbara County, between Los Olivos and Zaca, road V-S-B-80-A, for which bids are to be received in Sacramento on June 15, 1938.

Said representative will meet prospective bidders at Mattei's Tavern, Los Olivos, on Thursday, June 9, 1938, at 10:00 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

June 1, 1938.

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Monterey County, Salinas River Bridge approaches at Soledad, road V-Mon-2-D, for which bids are to be received in Sacramento on June 15, 1938.

Said representative will meet prospective bidders at Service Station at South End of Project on Thursday, June 9, 1938, at 10:00 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Los Angeles on June 9, 1938.

Following is a list of blue prints and prices:

VII—Ora-2-A-B—Near Galistan; PLANS (No. of Sheets), 9; cost, 90c; CROSS-SECTIONS (No. of Sheets), 22; cost, \$2.20; total, \$3.10.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on June 15, 1938.

Following is a list of the prints and prices:

III—Yub-15-A,B—At Dry Creek; PLANS (No. of Sheets), 15; cost \$2.25; CROSS-SECTIONS (No. of Sheets), 15; cost, \$1.50; total, \$3.75.

V—Mon-2-D—Salinas River Bridge approaches at Soledad; PLANS (No. of Sheets), 8; cost, \$0.80; CROSS-SECTIONS (No. of Sheets), 15; cost, \$1.50; total, \$2.30.

V-S-B-80-A—Bet. Los Olivos and Zaca; PLANS (No. of Sheets), 11; cost, \$1.10; CROSS-SECTIONS (No. of Sheets), 103; cost, \$10.30; total, \$11.40.

X—Cal-24-B—Bet. 2.5 mi. east of Valley Springs and San Andreas; NONE.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Cal.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. * 29

COMPLETE BIDS

KLAMATH COUNTY, Ore.—Warren, Northwest Inc., Portland, Ore., at \$67,556.30 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 12.442 miles of constructing or improving Crater Lake National Park Rim Road and Cloud Cap Spur Project 7-B, 7-C and 9 Bluminous Paving, National Park Rd. Project, located within Crater Lake National Park, Klamath Co., Ore.

Work involves:

- (1) all required extra and miscellaneous force account work;
- (2) 500 c.y. unclass. excav.;
- (3) 500 c.y. unclass. excav. for struc.;
- (4) 500 c.y. do for borrow;
- (5) 1,000 sta. yd. special overhaul;
- (6) 100 c.y. mi. special overhaul;
- (7) 12,442 miles road reconditioning;
- (8) 20,500 tons Class F dense plant mixture;
- (9) 1,500 tons Class F cover agg.;
- (10) 970 tons SC-6 liquid asphalt for Class F;
- (11) 170 tons RC-2 cutback asphalt for Class F seal;
- (12) 340 lf. 8-in. bit. coated corr. sheet metal pipe, type 2;

- (13) 17 each elbows for 8-in. bit. coated corr. sheet metal pipe;
- (14) 1,500 l.f. log curb, Type 4-A;
- (15) 17 each spillway inlets;
- (16) 900 sq. yds. bituminous sidewalks;
- (17) 2,000 sq. yd. bit. paved gutters;
- (18) 1,000 c.y. salvaged surfacing.

Total bids follow:

- (A) Warren Northwest, Inc., Portland, \$67,856.30.
- (B) J. C. Compton, McMinnville, Ore., \$74,866.30.
- (C) Kern & Kibbe and Newport Construction Co., Portland, \$76,553.52.
- (D) Hanrahan Co., San Francisco, \$84,844.60.
- (E) Parker-Schram Co., Portland, \$101,860.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1) \$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
(2)	.50	.80	.40	1.00	1.25
(3)	1.50	1.50	.60	1.25	1.50
(4)	.30	.80	.40	1.00	1.25
(5)	.05	.03	.02	.10	.025
(6)	.25	.20	.20	.30	.25
(7)	150.00	150.00	50.00	300.00	150.00
(8)	1.72	1.60	1.90	2.06	2.90
(9)	1.50	2.50	2.00	2.00	2.90
(10)	19.00	25.00	22.25	24.00	21.50
(11)	23.00	30.00	23.50	25.00	23.25
(12)	.75	1.00	1.07	1.00	.85
(13)	10.00	5.00	5.00	6.00	7.00
(14)	1.50	1.50	1.50	2.50	2.00
(15)	10.00	15.00	12.60	20.00	7.00
(16)	.30	.30	.95	.35	1.40
(17)	.25	.40	.95	.45	1.43
(18)	.80	1.00	1.50	.35	1.25

BIDS WANTED

PLUMAS, LASSEN AND MODOC COS., Cal.—Until June 22, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 44.7 miles work in Plumas, Lassen and Modoc Counties, as follows:

LOCATION "A"—Plumas County between Buttes and Edes Ranch, about 5.7 mi. road-mix surf. and applying seal coat.

Lassen County between Buckworth Pass and Junction of Rte. 29, about 5.4 mi. road-mix surf. treatment and applying seal coat.

LOCATION "B"—Lassen County, between 3½ mi. south of Ravendale and Termo, about 10.4 mi. applying seal coat.

LOCATION "C"—Modoc County, between a point about 6 mi. south of Alturas and Alturas, about 6 mi. road-mix surface treatment and applying seal coat.

LOCATION "D"—Modoc County, between a point 10.7 mi. west of Cedarville and a point 13.4 mi. west of Cedarville, about 2.7 mi. road-mix surface treatment and applying seal coat.

LOCATION "E"—Modoc County, between a point one mile west of Cedarville and the Nevada State Line, about 10.17 mi. applying seal coat.

LOCATION "F"—Modoc County, between Pit River Bridge and Canby, about 4.3 mi. surfacing with road-mix surfacing and applying seal coat.

Work involves:

LOCATION "A"

- (1) 200 tons liq. asph., SC-4 road-mix surf. treatment;
- (2) 11.1 ml. preparing, mixing and shaping roadbed road-mix surf. treatment;
- (3) 65 tons liq. asph., SC-4 (seal coat);
- (4) 500 c.y. sand seal coat; LOCATION "B"
- (5) 105 tons liq. asph., ROMC-3 seal;
- (6) 700 c.y. sand seal coat; LOCATION "C"
- (7) 110 tons liq. asph., SC-4 (road-mix surf. treat.);
- (8) 6 ml. preparing, mixing and

- shaping roadbed roadmix surf. treat.;
- (9) 36 tons liq. asph., SC-4 seal coat;
- (10) 275 c.y. sand seal coat; LOCATION "D"
- (11) 50 tons liq. asph., ROMC-3 road-mix surf. treat.;
- (12) 2.7 ml. preparing, mixing and shaping roadbed roadmix surf. treat.;
- (13) 47 tons liq. asph., ROMC-3 seal coat;
- (14) 150 c.y. sand seal coat; LOCATION "E"
- (15) 51 tons liq. asph., ROMC-3 seal coat;
- (16) 475 c.y. sand seal coat; LOCATION "F"
- (17) 1,000 c.y. min. aggreg. roadmix surf.;
- (18) 85 tons liq. asph., ROMC-3 road-mix surf.;
- (19) 10 tons liq. asph., ROMC-3 tack coat;
- (20) 20 tons liq. asph., ROMC-3 seal coat;
- (21) 175 c.y. sand seal coat.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 7, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk City Hall, for grading Ninth Street between Peter and Jones Sts., Berkeley.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until June 7, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk City Hall, for grading Ninth Street between Peter and Jones Sts., Berkeley.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

SOLANO CO., Cal.—J. L. Conner & Sons, Hotel Serra, Monterey, at \$38,890.30 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks Bldg., Sacramento, for about 0.2 mi. of grading and surfacing with plant-mixed surfacing and constructing underdrains one mile SW of Cordelia underpass, Solano County. * 29

BIDS WANTED

FRESNO COUNTY, Calif.—Until June 22, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with asphalt concrete about 2.1 miles at Selma, Fresno County.

Work involves:

- (1) Clear and grub right of way;
- (2) 600 c.y. remove and dispose of existing concrete;
- (3) 2,000 M. gals. water;
- (4) 4,500 c.y. rdwy. excav., unclass.;
- (5) 420 c.y. struc. excav.;
- (6) 60,000 c.y. imported borrow;
- (7) 1,000 sta. yds. overhaul;
- (8) 46,000 sq. yds. prepare subgrade;
- (9) 112 sta. finish rdwy.;
- (10) 4,700 tons min. agg. plant mix surfacing;
- (11) 550 tons liquid asphalt, SC-4, plant mix surf.;
- (12) 31 tons liquid asph., SC-2 prime coat;
- (13) 11,000 sq. yds. prepare, mix and shape shoulders and road approaches, road mix surf. treat.;
- (14) 120 tons liquid asphalt, SC-4, road mix surf. treatment;
- (15) 3 tons liquid asphalt, SC-2 penetration oil treatment;
- (16) 19,285 tons asphalt concrete;
- (17) 1,700 sq. yds. asph. paint binder;
- (18) 25,700 lbs. bar reinf. steel;
- (19) 170 c.y. Class A Portland cement concrete, struc.;
- (20) 635 c.y. Class A Portland cement conc. sidewalks, curbs and driveways;
- (21) 134 l.f. 18-in. CMP;
- (22) 206 l.f. 18x6½-in. part circle CM culvert;

- (23) 69 l.f. 6-in. conc. sewer pipe;
- (24) 4 each culvert markers;
- (25) 15 each guide posts;
- (26) 3 each cast iron handles;
- (27) 2 each cast steel frames and grates;
- (28) 43 each monuments;
- (29) 1,650 l.f. ¾-in. stand. galv. steel water pipe;
- (30) 1,650 l.f. 1-inch do.;
- (31) 850 l.f. 1½-inch do.;
- (32) 100 l.f. 1½-inch do.;
- (33) 450 each shrubbery sprays;
- (34) 300 each eucalyptus sideroxylon rosea;
- (35) 430 each pyracantha formosana;
- (36) 40 each pyracantha yunnanensis.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

CLARK CO., Nevada.—Until June 16, 2:20 p.m., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 20.40 miles highway construction from Railroad Pass to a point approximately 20 miles south, Route 5, Section C, Clark County, Nevada.

Work involves:

- (1) 48,992 c.y. roadway excav.;
 - (2) 2,420 c.y. drainage excav.;
 - (3) 585 sta. V type ditches;
 - (4) 18,518 yd. sta. overhaul (yd. sta.);
 - (5) 1,540 c.y. struc. excav.;
 - (6) 1,180 c.y. backfill;
 - (7) 12,09 mi. subgrade, type C;
 - (8) 8.31 mi. reshape roadway;
 - (9) 12 M. gals. water;
 - (10) 58,744 tons gravel surface;
 - (11) 206 tons liq. asph., type MC-2 (seal);
 - (12) 1,225 tons liq. asph., Type SC-2 (road-mix);
 - (13) 20.40 mi. roadmix;
 - (14) 130 c.y. class B concrete;
 - (15) 3,465 lbs. reinf. steel;
 - (16) 770 l.f. 18-in. CMP;
 - (17) 2,054 l.f. 24-in. CMP;
 - (18) 86 l.f. 36-in. CMP;
 - (19) 162 each, culvert markers;
 - (20) 32 each, guide posts;
 - (21) 30 each, monuments.
- Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, \$5 of which will be refunded. * 29

BIDS WANTED

NYE COUNTY, Nev.—Until June 16, 2 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 12.74 miles construction of Class B-1 roadmix bituminous surface on a portion of the State highway from junction of State Routes No. 4 and 8-A east of Tonopah to a point approximately 12½ miles north, Route 8, Sections A-1 and A2, Nye County, Nev.

Work involves:

- (1) 127 tons liquid asph., type MC-2 (seal);
 - (2) 983 tons liquid asph., type SC-2 (roadmix);
 - (3) 12.74 miles roadmix;
 - (4) 130 each culvert markers;
 - (5) 58 each guide posts;
 - (6) 175 cu. yds. processing stockpile gravel.
- Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10 of which \$5 will be refunded. * 29

BIDS OPENED
STATE OF WASHINGTON—Bids were opened and contracts awarded by the Director of Highways, Lacey V. Murrow, Olympia, Wash., for highway construction, as follows:

Thurston Co.: Paving with Portland cement concrete and asphaltic concrete on about 1.9 mi. of Primary State Highway No. 1 and City Street, Olympia. South—Paving and Washington Street Widening between Legion Way and 7th St., in Olympia. Federal Aid Project No. 25 and State Project, in Thurston County, Wash., involving about 21,240 cubic yards of excavation, 8,690 cubic yards of selected roadway borrow, 670 cubic yards of crushed stone surfacing, 44,762 square yards and 81 cubic yards of cement concrete pavement, 19,950 lbs. of steel reinforcing bars, 1,079 tons of asphaltic concrete pavement, 3,701 linear feet of cable guard rail design No. 6, 50 cubic yards of concrete, 2,123 linear feet of cast iron pipe, 3,416 linear feet of sewer and culvert pipe, and other items.

Awarded Northwest Const. Co., 3950 6th NW, Seattle, \$149,857.

Other Bidders: Florito Bros., Seattle, \$150,196; Jos. Warter, Sr., Tacoma, \$152,998; Paine & Gallucci, Tacoma, \$164,006.

Whitman Co.: Paving with Portland cement concrete, surfacing with crushed stone, manufacturing and stockpiling mineral aggregates (oil rock) and constructing two reinforced concrete girder bridges on about 1.4 miles of Primary State Highway No. 3, Pullman Overcrossing and Approaches and State College Connection, Federal Aid Grade Crossing Project No. FAGM 204-B, Federal Aid Secondary Project No. FAS 204-A and State Project, in Whitman County, Wash., involving about 74,819 cubic yards of excavation, 14,200 cubic yards of crushed stone surfacing, 1,560 cubic yards of mineral aggregate (oil rock), 8,875 square yards and 103 cubic yards of cement concrete pavement, 881,150 lbs. of steel reinforcing bars, 2,400 pounds of structural steel, 2,522 cubic yards of concrete, 4,139 linear feet of cable guard rail design No. 6, 1,673 linear feet of pipe culverts, and other items.

Awarded Rumsey & Co., 3821 Airport Way, Tacoma, \$253,722.

Other Bidders: Sather & Son, Seattle, \$257,807; Macri Bros., Seattle, \$258,604; Roy L. Bair, Spokane, \$259,252; Alloway and George and Chas. A. Powers, Spokane, \$259,591; J. H. Collins and S. G. Morin, Spokane, \$269,902; Clifton & Appleate, Spokane, \$271,955; M. T. Butler, Seattle, \$279,040; Sims Spokane Co., Spokane, \$302,183.

King Co.: Surfacing and manufacturing and stockpiling surfacing material and mineral aggregates (oil rock) on about 4.6 miles of Primary State Highway No. 15, Stevens Pass Auto Camp to Money Creek Park, Federal Aid Project No. 189-F, in King County, Wash., involving about 16,740 cubic yards of crushed stone surfacing, 900 cubic yards of mineral aggregates (oil rock), and other items.

Awarded Joslin & McAllister, N. 303 Haven, Spokane, \$25,217.

Other Bidders: Goetz & Brennan, Seattle, \$26,951; K. L. Goulter, Seattle, \$35,763.

Whitman Co.: Paving with Portland cement concrete on about 0.5 miles of streets on the State College of Washington Campus, Washington State College Campus Paving and Sidewalk, U. S. Public Works Proj. No. Wash. 1505-DS, in Whitman Co., Wash., involving about 5,932 square yards of cement concrete pavement,

1,439 square yards of one-course cement concrete sidewalk, and other items.

Low Bidder: Charles A. Power, E 27 8th, Spokane, \$25,992.

Other Bidders: H. S. Steffensen, Seattle, \$27,136; Macri Bros., Seattle, \$29,116.

BIDS OPENED

KLAMATH COUNTY, Ore.—Warren Northwest, Inc., Portland, Ore., at \$67,856.30 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 12,442 miles of constructing or improving Crater Lake National Park Rim Road and Cloud Cap Spur Project 7-B, 7-C and 9 Bluminous Paving, National Park Rd. Project, located within Crater Lake National Park, Klamath Co., Ore

Total bids follow:
 Warren Northwest, Inc., Portland\$67,856.30
 J. C. Compton, McMinnville, Oregon 74,566.30
 Kern & Kibbe and Newport Const. Co., Portland..... 76,553.52
 Parker-Schram Co., Portland101,860.80
 29

BIDS WANTED

NYE COUNTY, Nev.—Until June 16, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Herold Memorial Bldg., Carson City, Nev., for approximately 24.12 miles construction of a portion of State Highway system from a point approximately 12 1/2 miles north of the Junction of State Routes Nos. 4 and 8A to a point opposite Manhattan, Route 8A, Section A2 and A3 Nye County, Nev.

- Work involves:
- (1) 151 acres clearing;
 - (2) 165,649 c.y. rdwy. excav.;
 - (3) 19,200 c.y. drainage excav.;
 - (4) 4,512 c.y. borrow;
 - (5) 152 sta. slope rounding;
 - (6) 134,713 yd. sta. overhaul;
 - (7) 778 yd. mi. overhaul;
 - (8) 690 c.y. struc. excav.;
 - (9) 1,550 c.y. backfill;
 - (10) 24.12 miles subgrade, type C;
 - (11) 16 M. gals. water;
 - (12) 20,760 tons Type 1, gravel base;
 - (13) 111,533 tons gravel surface;
 - (14) 204 c.y. Class A concrete;
 - (15) 20,400 lbs. reinf. steel;
 - (16) 86 lf. 18-in. corr. metal pipe;
 - (17) 1,122 lf. 24-in. do.;
 - (18) 54 lf. 30-in. do.;
 - (19) 306 lf. 36-in. do.;
 - (20) 82 lf. 48-in. do.;
 - (21) 62 each monuments.

Plans and specifications may be obtained from Robt. A. Allen, State Highway Engineer, Carson City, Nevada; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00, of which \$5.00 will be refunded. * 29

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until June 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 4.6 miles of grading and surfacing with plant-mixed surfacing between 190th St. and Lomita Blvd., Los Angeles County.

- Work involves:
- (1) clear and grub;
 - (2) 2,000 M. gals. water;
 - (3) 5 c.y. remove concrete;
 - (4) 7,000 c.y. rdwy. excav., unclass.
 - (5) 3,200,000 sta. yds. overhaul;
 - (6) 380 c.y. struc. excav.;
 - (7) 100 c.y. ditch and channel excav.
 - (8) 33,500 c.y. imported borrow;

- (9) 19,200 tons imported subgrade material;
 - (10) 242 sta. finish rdwy.;
 - (11) 83 tons yiquid asphalt, SC-2 prime coat;
 - (12) 18,300 tons min. agg. plant mix surfacing;
 - (13) 965 tons liquid asph. ROMC-4 or ROMC-5 plant mix surf.;
 - (14) 1,000 sq. yds. asph. paint binder;
 - (15) 170 tons liquid asphalt, SC-2 penetration oil treatment;
 - (16) 1,800 lbs. bar reinf. steel;
 - (17) 275 sq. yds. wire mesh reinf.;
 - (18) 32 c.y. Class A Portland cement conc. struc.;
 - (19) 30 c.y. do. for bridge deck;
 - (20) 1 lot jacking operations;
 - (21) 10 M. FBM treated Douglas fir timber;
 - (22) 5,000 lbs. misc. iron and steel;
 - (23) 7,500 lbs. steel rail assemblies;
 - (24) 16 lf. 24-in. reinf. conc. pipe;
 - (25) 180 lf. 8-in. CMP;
 - (26) 190 lf. 24-in. CMP;
 - (27) 160 lf. 72-in. CMP;
 - (28) 5 each spillway assemblies;
 - (29) 22 each culvert markers;
 - (30) 5 each adjust manholes to grade.
- The State will furnish CMP and spillway assemblies. * 29

BIDS WANTED

SAN FRANCISCO—Until June 15, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for the widening and reconstruction of 19th Ave. State Highway Route No. 56, from Lincoln Way to Lawton St., San Francisco. Est. cost, \$138,125.

- Work involves:
- (1) 30,000 c.y. excav. (incl. embankment);
 - (2) 6,000 c.y. pavement excav. (concrete);
 - (3) 35,000 sq. ft. 8-in. concrete pavement;
 - (4) 180,000 sq. ft. asphalt-concrete pavement (2 in. to 8 in.);
 - (5) 50,000 sq. ft. asphalt-concrete pavement (2 in. to 6 in.), Class F;
 - (6) 1,500 sq. ft. 6-in. concrete pavement;
 - (7) 100 tons conform pavement (binder and asphalt);
 - (8) 5,500 lf. white concrete curb (unarmored);
 - (9) 5,000 lf. combined curb and 1-ft. gutter (white);
 - (10) 1,500 lf. 6-in. concrete curb (armored);
 - (11) 70,000 sq. ft. concrete sidewalk (two course);
 - (12) 75 lf. 21-in. V.C. pipe sewer;
 - (13) 40 lf. 18-in. do.;
 - (14) 900 lf. 15-in. do.;
 - (15) 700 lf. 12-in. do.;
 - (16) 4,000 lf. 8-in. do.;
 - (17) 1,200 lf. 6-in. V.C. side sewer;
 - (18) 30 6-in. side sewer traps;
 - (19) 600 lf. 10-in. V.C.P. culverts;
 - (20) 22 15-in. by 6-in. V.C.P. Y branches;
 - (21) 25 12-in. by 6-in. V.C.P. Y branches;
 - (22) 120 8-in. by 6-in. V.C.P. Y branches;
 - (23) 26 brick manholes;
 - (24) 2 brick drop manholes;
 - (25) 20 brick catchbasins;
 - (26) lump sum, electrical work;
 - (27) lump sum, low-pressure hydrants (2 relocated);
 - (28) 4,000 sq. ft. planting ice plant;
 - (29) lump sum, traffic control system, complete;
 - (30) 6 new manhole frames and covers;
 - (31) lump sum, retaining walls, etc., for Jefferson School.
- Plans and specifications may be obtained from John J. Casey, City Engineer, Room 352, City Hall, upon deposit of \$10.00. * 29

BIDS OPENED

SAN FRANCISCO—Love & Haun, 4354 20th St., at \$960, submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, for construction of a concrete retaining wall on the northeast line of Fair Avenue near Prospect Ave.
Complete bids were:

Love & Haun.....	\$960
Peter Sartorio.....	980
Eaton & Smith.....	1075
Chas. L. Harney.....	1190
M. J. Lynch.....	1198
P. Donnelly.....	2024

CONTRACT AWARDED

NAPA, Napa County, Calif.—A. G. Raisch, 1 DeHaro St., San Francisco at \$15,763.70, was awarded contract by the Napa City Council, Whitfield Griffiths, City Clerk, City Hall, Napa for the improvement of Jefferson Street, from the southerly line of E Street to the southerly line of Lincoln Ave., by grading the roadway, constructing cement concrete gutters, salvaging rock and gravel surfacing for the purpose of constructing a sub-base and constructing an asphalt concrete pavement between curbs already constructed in Napa.

CONTRACT AWARDED

LYON CO., Nev.—Silver State Construction Co., Inc., Fallon, Nevada, at \$34,093.29, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 8 miles of highway construction from Weeks to Fernley Junction, Route 1B, Section A, Lyon Co., Nevada.
Complete bids will be published shortly. * 29

BIDS WANTED

WALLA WALLA CO., Wash.—Until June 13, 11 a.m., bids will be received by the Walla Walla County Engineer, E. R. Smith, Walla Walla, for oiling 35 miles of streets and roads in the vicinity of Walla Walla and hauling of oilrock for same for centrally located stockpile.
Plans and specifications may be obtained from the County Engineer upon deposit of \$5.00. * 29

AWARDS RECOMMENDED

STOCKTON, San Joaquin County, Cal.—Head & Moore Co., 344 High St., Oakland, at \$16,043.67, was recommended for award of contract by the Stockton City Council, City Hall, for the improvement of W. Fremont Street from El Dorado to Argonaut St., Stockton.
I. M. Wells, Oakland, at \$2,975, was recommended for award of contract for the planning on the above job. * 29

LOW BIDDER

WHITMAN CO., Wash.—Clifton & Applegate, Hutton Bldg., Spokane, at \$25,731, submitted low bid to the Whitman County Board of Commissioners, Court House, Colfax, Wash., for the improvement of 2.311 miles of the Onecho-Almota Road, County Road Project No. 6. * 29

CONTRACT AWARDED

ESMERALDA CO., Nevada.—Silver State Const. Co., Inc., Fallon, at \$23,016.35 was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 10.68 miles highway construction from a point approximately ten miles south of Blair Junction to Silver Peak, Route 47, Section B, Esmeralda Co., Nev.
Complete bids will be published shortly. * 29

BIDS WANTED

SAN FRANCISCO—Until June 9, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 178, for the repaving of street and/or sidewalk openings where the paving has been removed for the San Francisco Water Department for the fiscal year ending June 30, 1939.

- Work involves:
- (1) 30,000 sq. ft. light traffic concrete paving base and wearing surface;
 - (2) 100 sq. ft. heavy concrete with binder and wearing surface;
 - (3) 14,000 sq. ft. 6-in. class E concrete pavement;
 - (4) 500 sq. ft. brick pavement on concrete base, including brick gutters;
 - (5) 100 sq. ft. asphaltic concrete, 2-in. and 1½-in. wearing surface;
 - (6) 400 sq. ft. basalt blocks on concrete base;
 - (7) 5,000 sq. ft. basalt rock on sand;
 - (8) 47,000 sq. ft. sidewalk, all types;
 - (9) 1,000 sq. ft. 2-in. sheet asphalt wearing surface only;
 - (10) 100 sq. ft. 6-in. class F concrete base only;
 - (11) 60,000 sq. ft. asphaltic concrete, 6-in. base with a 1½-in. wearing surface;
 - (12) 100 sq. ft. asphaltic concrete, 8-in. base with a 1½-in. binder course and a 1½-in. wearing surface;
 - (13) oiled macadam:
 - (a) 100 sq. ft. 4-in. base;
 - (b) 2,500 sq. ft. 8-in. base;
 - (14) 30,000 sq. ft. 6-in. macadam sub-base.

Plans and specifications may be obtained at Room 605, San Francisco Water Dept. Bldg., 425 Mason St., San Francisco, upon deposit of \$10.

CONTRACT AWARDED

STANISLAUS COUNTY, Calif.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at \$194,191.35 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for 5.8 miles of grading and paving with Portland cement concrete and asphalt concrete, and constructing reinforced concrete bridge between Modesto and Salida in Stanislaus County. * 29

CONTRACT AWARDED

BRAWLEY, Imperial Co., Calif.—B. G. Carroll, 4396 Maryland St., San Diego, and Harry L. Foster, 4348 Hilldale Road, San Diego, at \$85,816.88, bidding jointly, awarded contract by the Brawley city council, for improving portions of A, B, C, D and E Streets, involving Durallite-Arco process paving, grading, and curbs. The items are:
(1) 497,773 sq. ft. paving;
(2) 497,773 sq. ft. grading;
(3) 18,325 lin. ft. curbs.

- Total bids follow:
(A) B. G. Carroll and Harry L. Foster—\$85,816.88.
(B) Daley Corp.—\$87,991.22.
(C) R. A. Watson—\$93,100.23.
(D) V. R. Dennis Constr. Co.—\$95,706.70.

R. E. Hazard & Son—Bid irregular, not declared.

Unit prices follow:

	(1)	(2)	(3)
(A)	\$0.122	\$0.025	\$0.69
(B) .....	.127	.024	.70
(C) .....	.14	.022	.68
(D) .....	.139	.0275	.70

30—RESERVOIRS & DAMS

BIDS OPENED

CENTRAL VALLEY PROJECT—Pacific Constructors, Inc., 609 South Grand Avenue, Los Angeles, at \$35,939,500.00 submitted low bid to the U. S. Bureau of Reclamation, Walker R. Young, Construction Engineer, Old Post Office Building, Sacramento, under Spec. No. 780, for the construction of Shasta Dam and Power Plant, Central Valley Project.

Pacific Constructors, Inc., includes: L. E. Dixon Co., 609 S. Grand Ave., Los Angeles; Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles; Metropolitan Construction Co., 208 W. 8th St., Los Angeles; American Concrete and Steel Pipe Co., 4635 Flitstone Blvd., Los Angeles; D. W. Thurston, 412 W 6th St., Los Angeles; Lawler & Maguire, Butte Montana; Shofner, Gordon & Hinman, Denver, Colo.; W. E. Callahan Const. Co. and Gunther Shirley Co., Dallas, Texas; A. Guthrie & Co., St. Paul, Minn.; Hunkin & Conkey Co., Cleveland, O.; The Arundel Corp., Baltimore, Md., and Foley Bros., New York City.

Shasta Construction Co., San Francisco, includes: J. F. Shea, Parker Dam; MacDonald & Kahn Co., Ltd., San Francisco; Morrison - Kundsken Co., Inc., Boise, Ida.; Pacific Bridge Co., San Francisco; General Construction Co., Seattle; Guy F. Atkinson, Inc., San Francisco; T. J. Walsh Construction Co., Davenport, Iowa; H. J. Kaiser Co., Oakland; and The Utah Construction Co., San Francisco and Ogden, Utah.

- The work involves:
(1) Lump sum, diversion and care of river during construction and unwatering foundations;
(2) 4,000 c.y. excavation, all classes, stripping borrow pits;
(3) 100,000 c.y. excav., common, stripping for embankment;
(4) 5,000 c.y. excav., rock, strip for embankment;
(5) 660,000 c.y. excav., common, for foundations of concrete dam;
(6) 1,500,000 c.y. excav., rock, for foundations of concrete dam;
(7) 120,000 c.y. excav., common, for powerhouse, penstocks, outlet pipes and spillway channel;
(8) 420,000 c.y. excav., rock, for powerhouse, penstocks, outlet pipes, and spillway channel;
(9) 58,000 c.y. excav., common, for embankment toe drains and cutoff trenches with sloping sides;
(10) 59,000 c.y. excav., rock, for embankment toe drains and cutoff trenches with sloping sides;
(11) 500 c.y. excav., common, for core-wall footings;
(12) 3,300 c.y. excav., rock, for core-wall footings;
(13) 2,800 c.y. excav., all classes, for coaster-gate structure;
(14) 2,600 c.y. excav., all classes, in grouting and drainage tunnels;
(15) 180,000 c.y. excav., common, for roads and railroad;
(16) 195,000 c.y. excav., rock, for do.;
(17) 100,000 c.y. excav., common, in borrow pits and transportation to embankment;
(18) 200,000 c.y. backfill;
(19) 24,000 c.y. compacted backfill;
(20) 250,000 c.y. earth fill in embankment;
(21) 100,000 c.y. rolled rock fill in embankment;
(22) 960,000 c.y. rock fill on upstream slope of embankment;
(23) 120,000 c.y. rock fill on downstream slope of embankment;
(24) 7,500 c.y. rock fill on slopes of tailrace channel;
(25) 1,000 c.y. rubble masonry walls;
(26) 100 lin. ft. lay 12-in. diam. CMP culverts;

- (27) 1,000 l.f. lay 18-in. diam. CMP culverts;
- (28) 600 l.f. lay 24-in. do.;
- (29) 500 l.f. lay 36-in. do.;
- (30) 400 l.f. lay 48-in. do.;
- (31) 20,000 c.y. place waterbound macadam base course;
- (32) 9,600 c.y. crushed rock, for wearing course, in place;
- (33) 230,000 gals. haul and spread road oil;
- (34) 20,000 sq. yds. mixing, compact, and finish 3-in. oil treated wearing course;
- (35) 57,000 c.y. mix, compact, and finish 5-in. do.;
- (36) 9,000 l.f. constr. guard rails;
- (37) 3,400 track ft. laying ties and rails;
- (38) 500 anchors, apply rail anchors;
- (39) 1,600 c.y. ballasting railroad track;
- (40) 3,000 track ft. remove and salvage existing track;
- (41) 8,000 l.f. drill "A" exploratory holes not more than 30 ft. deep;
- (42) 1,000 l.f. drill "A" exploratory holes, more than 30 and less than 50 ft. deep;
- (43) 50,000 l.f. drill "B," "C" and "D" grout holes not more than 30 ft. deep;
- (44) 56,000 l.f. drill "B," "C" and "D" grout holes more than 30 and less than 50 ft. deep;
- (45) 800 l.f. drill "E" inspection holes not more than 30 ft. deep;
- (46) 100 l.f. drill "E" inspection holes more than 30 and less than 50 feet deep;
- (47) 24,000 l.f. drill "F" grout holes more than 30 and less than 50 ft. deep;
- (48) 2,000 l.f. drill "F" grout holes more than 75 ft. and not more than 100 ft. deep;
- (49) 10,000 l.f. drill "G" grout holes not more than 50 ft. deep;
- (50) 9,000 l.f. drill "G" grout holes more than 50 but not more than 100 ft. deep;
- (51) 110,000 l.f. drill "G" grout holes more than 100 ft. but not more than 150 ft. deep;
- (52) 14,000 l.f. drill "G" grout holes more than 150 ft. but not more than 200 ft. deep;
- (53) 2,000 l.f. drill "G" grout holes more than 200 ft. but not more than 300 ft. deep;
- (54) 9,000 l.f. drill "G" grout holes not more than 30 ft. deep;
- (55) 1,000 l.f. drill "H" grout holes more than 30 but not more than 75 ft. deep;
- (56) 2,000 l.f. drill drainage holes not more than 25 ft. deep;
- (57) 20,000 l.f. drill drainage holes more than 25 ft. but not more than 50 ft. deep;
- (58) 5,000 l.f. drill drainage holes more than 50 but not more than 75 ft. deep;
- (59) 3,000 l.f. drill drainage holes more than 75 ft. but not more than 100 ft. deep;
- (60) 1,000 l.f. drill drainage holes more than 100 ft. but not more than 150 ft. deep;
- (61) 1,000 l.f. drill drainage holes more than 150 ft. but not more than 200 ft. deep;
- (62) 500 l.f. drill weep holes;
- (63) 38,000 l.f. drill holes for core-wall footing excav.;
- (64) 1,000 l.f. drill holes for anchor bars and grouting bars, in place;
- (65) 1,500,000 c.y. pressure grouting;
- (66) Lump sum, furnish and install foundation washing plant;
- (67) 16,000 hrs. washing seams in foundation rock;
- (68) 22,000 cu. ft. filling pipe or tubing less than 8-in. diam. by grouting methods;
- (69) 100,000 l.f. mfging. and placing porous concrete drain tile;
- (70) 1,800 l.f. constr. 6-in. diam. sewer-pipe drains with uncemented joints, embedded in gravel;
- (71) 750 l.f. const. 8-in. diam. do.;
- (72) 4,500 l.f. const. 12-in. diam. do.;
- (73) 220 l.f. const. 6-in. diam. sewer-pipe drains with cemented joints;
- (74) 4,600 l.f. const. 24-in. diam. split sewer-pipe drains;
- (75) 400 l.f. const. 36-in. diam. do.;
- (76) 200 l.f. const. 36-in. diam. precast concrete-pipe drain;
- (77) 5,400,000 c.y. concrete in dam;
- (78) 17,000 c.y. concrete in spillway training walls below elevation 633.5;
- (79) 6,000 c.y. concrete in spillway training walls above elevation 633.5;
- (80) 54,000 c.y. concrete in spillway apron;
- (81) 21,000 c.y. concrete in spillway crest and piers;
- (82) 2,900 c.y. concrete in sidewalks, curbs and parapets on dam;
- (83) 9,200 c.y. concrete in trashrack structures;
- (84) 7,900 c.y. concrete in gulch structures for penstock inlet gates;
- (85) 2,400 c.y. concrete in towers and gallery entrances;
- (86) 700 c.y. concrete in spillway bridge;
- (87) 6,000 c.y. concrete in core walls;
- (88) 2,500 c.y. concrete in core-wall footings;
- (89) 32,000 c.y. concrete in powerhouse substructure;
- (90) 25,000 c.y. concrete in powerhouse intermediate structure;
- (91) 8,000 c.y. concrete in powerhouse superstructure;
- (92) 20,000 c.y. second-stage concr. in powerhouse and in penstock and outlet-pipe anchor blocks and drainage trench back of powerhouse;
- (93) 1,000 c.y. concrete in penstock and outlet-pipe supports;
- (94) 4,500 c.y. concrete in penstock and outlet-pipe anchor blocks;
- (95) 350 c.y. concrete in bulkheads;
- (96) 1,200 c.y. concrete lining in tunnels;
- (97) 3,500 c.y. concrete in tunnel plug;
- (98) 3,300 c.y. concrete in coaster-gate structure;
- (99) 3,500 c.y. concrete in retaining and tailrace cut-off walls;
- (100) 400 c.y. concrete in road structures and paving for gantry-crane siding;
- (101) 8,500 c.y. concrete backfill in exploratory tunnels and shafts;
- (102) 260 c.y. concrete backfill in shafts and galleries of dam;
- (103) 100 c.y. concrete backfill in pipes 8-in. nominal diameter and larger;
- (104) 4,960,000 c.y. cooling cement;
- (105) 7,500 sq. yds. special finishing of concrete surfaces;
- (106) 1,200 recesses, finishing lighting;
- (107) 100 sq. yds. chipping and roughening concrete surfaces;
- (108) 26,000,000 lbs. placing reinf. bars and fabric;
- (109) 128,000 intersections, insulating reinf. bars and conduit;
- (110) 1,400 welds of reinf. bars;
- (111) 360,000 l.f. install metal sealing strips in contraction and expansion joints;
- (112) 10,000 l.f. install metal sealing strips in construction joints in powerhouse;
- (113) 130,000 l.f. install cover plates on grout grooves;
- (114) 55,000 sq. ft. install expansion joint filler and shock absorb. pads;
- (115) 1,500 l.f. install and rellequify asphalt seals;
- (116) 35,000 sq. ft. install bituminous-saturated felt roofing, complete with flashing;
- (117) 33,000 sq. ft. 1-in. bit. mastic on roofs;
- (118) 5,200 sq. ft. placing 2-in. cork insulation on roof;
- (119) 60 c.y. lightweight concrete in floors;
- (120) 38,000 lbs. install metal intermediate framing members for glass-block panels;
- (121) 5,000 sq. ft. install glass block;
- (122) 1,000 sq. yds. const. suspended ceilings;
- (123) 60 sq. yds. const. hollow walls of metal lath and plaster;
- (124) 3,000 sq. yds. plaster on concrete walls and ceilings;
- (125) 2,100 sq. ft. install lead-sheet membrane waterproofing;
- (126) 7,700 sq. ft. install 5-ply bituminous membrane waterproofing;
- (127) 7,000 sq. yds. waterproofing of exterior walls;
- (128) 3,700,000 lbs. install drum gates;
- (129) 320,000 lbs. install drum gate control mechanisms;
- (130) 2,200,000 lbs. install gate frames, seats, guides, stop-log seats and guides;
- (131) 1,000,000 lbs. install penstock coaster gates and diversion-tunnel coaster gate;
- (132) 500,000 lbs. install hoists for penstock coaster gates and diversion tunnel coaster gate;
- (133) 400,000 lbs. remove, dismantle and store diversion-tunnel coaster gate and gate hoist;
- (134) 350,000 lbs. install bulkhead and coaster gates in dam and power plant;
- (135) 4,700,000 lbs. install ring-seal gates and conduit-lining castings;
- (136) 100,000 lbs. install needle valves;
- (137) 100,000 lbs. install pumps and ejectors;
- (138) 10,000,000 lbs. install main-unit penstocks;
- (139) 1,400,000 lbs. install 86-in. dia. pipes for needle-valve outlet works;
- (140) 260,000 lbs. install 48-in. diam. penstock;
- (141) 2,000,000 lbs. install welded plate-steel conduit linings;
- (142) 900,000 lbs. install struc. steel;
- (143) 865,000 lbs. install struc. steel and metalwork for bridges;
- (144) 550,000 lbs. install traveling and gantry cranes;
- (145) 550,000 lbs. install track rails;
- (146) 210,000 lbs. install trashrack seat and bearing plates;
- (147) 3,200,000 lbs. install trashrack weirs;
- (148) 410,000 lbs. install metal tubing and brass, steel, wrought-iron and cast-iron pipe, fittings and valves less than 6-in. nominal diameter;
- (149) 1,500,000 lbs. install metal tubing and brass, steel, wrought-iron, and cast-iron pipe, fittings and valves 6-in. and greater nominal diam.;
- (150) 1,000,000 lbs. install metal tubing and fittings for concrete cooling system;
- (151) 1,400,000 lbs. install contraction-joint grout tubing and fittings;
- (152) 30,000 lbs. install metal pipe handrails;
- (153) 250,000 lbs. install metal stairways;
- (154) 61,000 lbs. install embedded metalwork for floor openings;
- (155) 45,000 lbs. install grating, platforms, and covers for floor openings;
- (156) 16,000 lbs. install metal catch basins and drain inlets;

(157) 6,000 lbs. install metal protectors for concrete edges;	(46).....	8.75	38.00	(141).....	.015	.017
(158) 40,000 lbs. install oil-storage tanks;	(47).....	1.85	3.00	(145).....	.02	.03
(159) 1,100 sq. ft. install metal accordion doors;	(48).....	1.90	3.00	(146).....	.05	.025
(160) 3,500 sq. ft. install metal swinging doors;	(49).....	1.85	3.00	(147).....	.01	.012
(161) 3,200 lbs. install metal swinging gates;	(50).....	1.90	3.00	(148).....	.10	.12
(162) 2,500 sq. ft. install metal-sash windows;	(51).....	2.00	3.00	(149).....	.05	.055
(163) 700 lbs. install metal-sash window operators;	(52).....	2.10	3.00	(150).....	.10	.115
(164) 22,000 lbs. install metal inserts;	(53).....	2.20	3.00	(151).....	.12	.23
(165) 1,500 l.f. install metal expansion joints in floors;	(54).....	1.85	3.00	(152).....	.10	.10
(166) 2,000 l.f. install metal expansion-joint facings in walls;	(55).....	1.90	3.00	(153).....	.04	.04
(167) 150,000 lbs. install misc. metal-work;	(56).....	2.50	4.00	(154).....	.10	.06
(168) 450 sq. ft. install wooden doors;	(57).....	3.00	4.00	(155).....	.05	.05
(169) 35,000 l.f. install embedded elec. metal conduit 1½-in. or less in diameter;	(58).....	3.00	4.00	(156).....	.05	.05
(170) 51,000 lin. ft. install embedded elec. metal conduit larger than 1½-in. and not larger than 3-in. in diam.;	(59).....	3.25	4.00	(157).....	.10	.12
(171) 7,000 l.f. install embedded electric metal conduit larger than 3 inches in diameter;	(60).....	3.50	4.00	(158).....	.025	.03
(172) 500 l.f. install embedded electric nonmetallic conduit not larger than 4 inches in diam.;	(61).....	3.50	4.00	(159).....	.50	.50
(173) 36,000 lbs. install ground wiring material;	(62).....	2.00	1.50	(160).....	.40	.50
(174) 166,000 l.f. install elec. cable for temperature-strain, and stress-measuring instruments, embedded in concrete;	(63).....	1.50	.65	(161).....	.10	.10
(175) 50,000 l.f. install copper tubing for river-outlet piezometers.	(64).....	1.00	1.50	(162).....	.40	.50
Total bids follow:	(65).....	.50	.50	(163).....	1.00	.25
(A) Pacific Constructors, Inc., 909 South Grand Ave., Los Angeles, \$35,939,450.00.	(66).....	\$50,000.00	\$ 16,000.00	(164).....	.20	.25
(B) Shasta Construction Co., 1000 Balfour Building, San Francisco, \$36,202,357.00.	(67).....	10.00	29.00	(165).....	1.00	.50
Unit prices follow:	(68).....	1.00	2.15	(166).....	1.00	.50
(A) (B)	(69).....	1.00	1.40	(167).....	.10	.13
(1)..... \$250,000.00 \$1,060,000.00	(70).....	1.00	1.40	(168).....	.40	.50
(2)..... 1.00 .75	(71).....	1.00	1.40	(169).....	.25	.55
(3)..... 1.00 .80	(72).....	2.00	1.65	(170).....	.30	.55
(4)..... 4.00 3.10	(73).....	1.50	2.00	(171).....	.50	1.00
(5)..... 4.00 2.60	(74).....	2.00	3.00	(172).....	.50	.50
(6)..... 4.00 2.60	(75).....	2.00	3.50	(173).....	.10	.40
(7)..... 4.00 .75	(76).....	2.00	3.50	(174).....	.10	.15
(8)..... 4.00 3.10	(77).....	2.80	2.90	(175).....	.10	.40
(9)..... 4.00 .75	(78).....	7.50	9.20			
(10)..... 4.00 4.00	(79).....	10.00	12.00			
(11)..... 10.00 1.70	(80).....	5.00	3.60			
(12)..... 10.00 8.25	(81).....	15.56	10.56			
(13)..... 15.00 28.00	(82).....	20.00	30.00			
(14)..... 15.00 22.00	(83).....	20.00	38.00			
(15)..... 1.00 .75	(84).....	20.00	20.00			
(16)..... 1.50 2.30	(85).....	30.00	40.00			
(17)..... 1.00 1.00	(86).....	30.00	35.00			
(18)..... .50 .55	(87).....	12.50	17.00			
(19)..... 1.00 .85	(88).....	10.00	13.00			
(20)..... .50 .40	(89).....	12.00	15.50			
(21)..... .50 .40	(90).....	15.00	26.00			
(22)..... .50 .25	(91).....	52.00	52.00			
(23)..... .50 .55	(92).....	10.00	16.00			
(24)..... 1.00 .55	(93).....	20.00	19.00			
(25)..... 20.00 19.00	(94).....	8.00	13.00			
(26)..... 1.00 2.00	(95).....	25.00	34.00			
(27)..... 1.00 2.25	(96).....	25.00	40.00			
(28)..... 1.00 2.50	(97).....	12.00	8.00			
(29)..... 1.00 4.00	(98).....	15.00	21.00			
(30)..... 2.00 6.00	(99).....	15.00	16.50			
(31)..... 2.50 6.00	(100).....	20.00	30.00			
(32)..... 2.50 7.00	(101).....	20.00	9.70			
(33)..... .03 .035	(102).....	20.00	6.00			
(34)..... .12 .35	(103).....	30.00	75.00			
(35)..... .15 .60	(104).....	.07	.125			
(36)..... .50 .60	(105).....	1.00	1.15			
(37)..... 1.00 1.40	(106).....	1.00	7.00			
(38)..... .10 .20	(107).....	2.00	6.00			
(39)..... 3.00 5.60	(108).....	.02	.03			
(40)..... .50 1.50	(109).....	.15	.065			
(41)..... 5.75 11.00	(110).....	1.00	1.25			
(42)..... 5.75 11.00	(111).....	.60	.70			
(43)..... 1.40 3.33	(112).....	1.00	1.40			
(44)..... 1.70 3.35	(113).....	.50	.40			
(45)..... 8.75 38.00	(114).....	.25	.30			
	(115).....	1.25	2.40			
	(116).....	.10	.25			
	(117).....	.10	.15			
	(118).....	.10	.25			
	(119).....	20.00	21.00			
	(120).....	.10	.25			
	(121).....	.60	1.10			
	(122).....	1.50	4.50			
	(123).....	4.00	6.70			
	(124).....	1.50	2.60			
	(125).....	.60	1.00			
	(126).....	.25	.30			
	(127).....	.50	.70			
	(128).....	.025	.045			
	(129).....	.06	.07			
	(130).....	.04	.06			
	(131).....	.02	.055			
	(132).....	.02	.07			
	(133).....	.03	.055			
	(134).....	.02	.03			
	(135).....	.02	.025			
	(136).....	.03	.03			
	(137).....	.05	.045			
	(138).....	.02	.024			
	(139).....	.02	.035			
	(140).....	.02	.045			
	(141).....	.02	.035			
	(142).....	.02	.017			
	(143).....	.015	.025			

31—PIPE LINES & WELLS

BIDS OPENED
 SAN FRANCISCO.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$4-034.20 submitted the low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 177, for laying 4-in., 6-in., and 8-in. cast iron mains in Section 1 of Lakeside Subdivision No. 2.

- Work involves:
- (1) 2,150 l.f. excav. and backfill for 4-in., 6-in., and 8-in. pipe trench 17 inches wide by 36 inches deep;
 - (2) 10 c.y. additional excav. and backfill;
 - (3) No Item 3;
 - (4) Installing pipe:
 - (a) 380 l.f. 4-in. bell and spigot cast iron pipe;
 - (b) 860 l.f. 6-in. bell and spigot cast iron pipe;
 - (c) 810 l.f. 8-in. bell and spigot cast iron pipe;
 - (5) 5,500 lbs. fittings, gate valves, etc., installed;
 - (6) 360 l.f. bell and spigot joints for pipe and fittings;
 - (7) 540 sq. ft. repavement;
 - (8) 36 ½-in. screw taps installed;
 - (9) 810 l.f. ½-in. copper service pipe installed;
 - (10) furnishing cast iron bell and spigot pipe, Class 150:
 - (a) 380 l.f. 4-in. pipe at \$0.48 per lin. ft.;
 - (b) 860 l.f. 6-in. pipe at \$0.65 per lin. ft.;
 - (c) 810 l.f. 8-in. pipe at \$1.00 per lin. ft.;
 - (11) furnishing bell and gate valves:
 - (a) Four 4-in. valves at \$12 ea.;
 - (b) Two 6-in. valves at \$16.80 each;
 - (c) Two 8-in. valves at \$20.50 each;
 - (12) furnishing 3400 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
 - (13) furnishing 800 lbs. steel band and bolts at \$0.05 per lb.;
 - (14) furnishing 810 l.f. ½-in. copper service pipe at \$0.17 per lin. ft.;
 - (15) furnishing ½-in. bronze fittings for services, lump sum, \$55.00;
 - (16) engineering, supervision and inspection, lump sum, \$390.00;
 - (17) Connections, lump sum, \$232.00.
- Items 10 to 17, inclusive: Materials furnished and priced by City.
- Total bids follow:
- (A) W. J. Tobin, 3701 Balfour Ave., Oakland, \$4,034.20.
- (B) Martin Murphy, Albiny, \$4,237.

- (C) The Fay Imp. Co., S. F., \$4,275.08.
 (D) E. J. Treacy, S. F., \$4,370.05.
 (E) S. F. Water Dept., \$4,651.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$.19	\$.25	\$.267	\$.445	\$.45
(2)	.50	1.00	.01	.50	1.00
(3)	.05	.10	.08	.05	.05
(4a)	.06	.10	.08	.055	.06
(b)	.07	.10	.08	.06	.05
(c)	.07	.10	.08	.06	.05
(5)	.03	.03	.03	.02	.03
(6)	.17	.40	.35	.30	.30
(7)	.25	.25	.25	.18	.27
(8)	1.50	1.00	1.25	1.00	1.00
(9)	.25	.20	.283	.13	.30
(10a)	.48	.45	.48	.48	.45
(b)	.65	.65	.65	.65	.65
(c)	1.00	1.00	1.00	1.00	1.00
(11a)	12.00	12.00	12.00	12.00	12.00
(b)	16.80	16.80	16.80	16.80	16.80
(c)	20.50	20.50	20.50	20.50	20.50
(12)	.06	.06	.06	.06	.06
(13)	.05	.05	.05	.05	.05
(14)	.17	.17	.17	.17	.17
(15)	53.00	53.00	53.00	53.00	390.00
(16)	390.00	390.00	390.00	390.00	390.00
(17)	232.00	232.00	232.00	232.00	232.00

31

32—SEWERS & SEWAGE DISPOSAL PLANTS

LOW BIDDER

LOS ANGELES COUNTY, Calif.—VCK Construction Co., 5629 Via Corona, Los Angeles, at \$6,015 submitted low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, District VII, 808 State Bldg., Los Angeles, for constructing sewers between Arroyo Drive and Meridian Ave. in South Pasadena.

32

33—WATER WORKS

BIDS WANTED

REDDING, Shasta Co., Calif.—As previously reported, until June 15, 3 p.m. bids will be received by the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for construction of the second unit of the municipal water system at Redding.

Work involves:

- 16,375 l.f. 2-in. diam. cement-lined cast iron pipe, in place;
- 59,505 l.f. 6-in. diam. cement-lined cast iron pipe, in place;
- 16,025 l.f. 8-in. diam. cement-lined cast iron pipe, in place;
- 8,770 l.f. 12-in. diam. cement-lined cast iron pipe, in place;
- (a) 1,500 l.f. 18-in. diam. cement lined cast iron pipe, Class 100, in place;
 (b) 2,395 l.f. 18-in. diam. cement lined cast iron pipe, Class 150, in place;
- 24 2-in. gate valves, in place;
- 88 6-in. gate valves, in place;
- 17 8-in. gate valves, in place;
- 7 12-in. gate valves, in place;
- 2 18-in. gate valves, in place;
- 2 6-in. check valves, in place;
- 45,000 lbs. unclass. cast iron fittings, in place;
- Lump sum, construct three special crossings of Southern Pacific right-of-way;
- Construct 1,402 ½-in. copper service:
 (a) Unit price per foot for any change in length of service;
- Construct 93 1-in. copper services:
 (a) Unit price per foot for any change in length of service;
- Construct 37 2-in. cast iron services:
 (a) Unit price per foot for any change in length of service;
- Construction 6-in. cast iron services:

- Unit price per foot for any change in length of service;
- Place 100 fire hydrants and leads:

- Unit price per foot for any change in length of lead;
- Unit price per 6 inches for any change in length of hydrant riser;
- Deduct for construction of lead and placing fire hydrants if fire hydrant and riser supplied by City of Redding;
- Lump sum, construct booster pump house, furnish and install equipment;
- Paving:
 (a) 14,400 sq. yds. removal and replacement of paving under Paragraph 4, Sec. 4;
 (b) 3,734 sq. yds. removal and replacement of paving under Paragraph 5, Sec. 5;
 (c) Removal and replacement of paving under Paragraph 6, Sec. 4:
 (1) 1065 sq. yds. asphalt conc.;
 (2) 1065 sq. yds. asphalt conc. top and concrete base;
 (3) 200 sq. yds. concrete;
 (4) 200 sq. yds. removal and replacement of sidewalk under Par. 7, Sec. 4.

ALTERNATES:

- Deduct for omission of cement lining in Item 5 (a) and (b);
- Deduct for omission of cement lining in Item 4;
- Deduct for omission of cement lining in Item 3;
- Deduct for omission of cement lining in Item 3;
- Deduct for omission of cement lining in Item 1;
- Deduct for use of cement lined welded steel pipe, 10-gauge, in Item 5 (a) and (b);
- Deduct for use of cement lined welded steel pipe, 10-gauge, in Item 4.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable. W. K. Adams, City Engineer. 33

SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER store, \$400; 255 Golden Gate Ave.; owner, D. A. Hulse, Prem.; contractor, Barrett & Hip, 918 Harrison St.

SIGN, electric, \$40; 1400 Jackson St.; owner, Acme Drug Co. Premises; contractor, Amer. Elec. Co., 1740 Eddy St.

SIGN, electric, \$280; 1340 Golden Gate Ave.; owner, Peter Magendie, Prem.; contractor, QRS Neon Corp., 690 Potrero Ave.

FLUES, \$75; E. Monticello, 125 S of Sargent St.; owner, Ruegg Co., 369 Pine St.; contractor, Walters Furnace & Sheet Metal, 2230 Market St.

ALTER flats, \$350; 580 Greenwich St.; owner, E. Casanelli, Prem.

ALTER store, \$200; 1814 Clay St.; owner, Arnold Glaser, 4th and Stillman Sts.; contractor, F. R. Siegrist, 604 Mission St.

FLUE, \$50; 416 Precita Ave.; owner, M. Meito, Premises; contractor, Cortland Sheet Metal Works, 1414 Valencia St.

ALTER dwelling, \$200; 84 Forestside Ave.; owner, F. Nelson & Sons, 2901 19th Ave.

ALTER store, \$900; SW 6th and Clement; owner, L. B. Fiegenbaum, 543 Market St.; contractor, M. Fisher & Son, 1405 Bush St.

SIGN, electric, \$200; 3223 Mission St.; owner, Dr. Walter Schott, Prem.; contractor, Wonderlite Neon Products, 170 Otis St.

SIGN, electric, \$75; 1615 Haight St.; owner, Wm. Riley, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, \$20; 644 Broadway; owner, North Beach Theatres, Inc. Prem.; contractor, QRS Neon Corp., 690 Potrero Ave.

SIGN, electric, \$125; 236 Leavenworth; owner, C. G. Lawson, 236 Leavenworth; contractor, Herzog Elec. Co., 370 Van Ness Ave. South.

ALTER dwelling, \$260; 179 17th Ave.; owner, B. Levin, Prem.; contractor, Berg Bros., 854 25th Ave.

ALTER sign, \$240; 935 Market St.; owner, W. S. Wobber Co., 412 Jessie St.; contractor, Western Iron Works, 141 Beale St.

SIGN, electric, \$100; 5210 Mission St.; owner, Acme Wine & Liquors, Prem.; contractor, Wonderlite Neon Prod. Corp., 170 Otis St.

FLUES, \$25; 849 Grant Ave.; owner, Bamboo Cafe, Prem.; contractor, Frank Calderoni, 775 Broadway.

ALTER flats, \$800; 1404 Broadway; owner, F. Cirelli, Prem.; contractor, R. Moresi, 1152 Kearny St.

SIGN, electric, \$160; NE Golden Gate and Polk; owner, Assoc. Oil Co., 79 New Montgomery St.; contractor, QRS Neon Corp., 690 Potrero Ave.

SIGN, electric, \$390; 2215 Powell St.; owner, Show Boat, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, \$160; 96 12th St.; owner, F. Paul's Auto Service, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 2075 Market St.; owner, Thrifty Cleaners, 2075 Market St.; contractor, Herzog Elec. Co., 370 Van Ness Ave. So.

FLUES, \$75; E. Monticello, 100 S Sargent; owner, Ruegg Co., 369 Pine St.; contractor, Walters Furnace & Sheet Metal Works, 2230 Market St.

FLUES, \$35; 1415 Oakdale Avenue; owner, Carraro & Sons, 750 Felton St.; contractor, Bay View Sheet Metal Works, 4901 Third St.

ALTER concession, \$100; 804 Kearny St.; owner, C. N. Mathews, 1032 Pierce St.

FLUE, \$65; 145 New Montgomery St.; owner, Kelly's Sandwich Shop, Prem.; contractor, Zimmerman Sheet Metal Works, 1034 Folsom St.

FLUE, \$200; 874 Brussels; owner, H. Le Piero, Prem.; contractor, W. Burmiani, 2555 San Bruno.

FLUE, \$20; 335 27th Ave.; owner, M. Marconi, Prem.; contractor, Wm. P. Goss, 494 Geary St.

ALTER restaurant, \$150; 709 Third St.; owner, Coldwell, Cornwall & Banker, 57 Sutter St.

SIGN, electric, \$155; 853 Sutter St.; owner, J. Blair, Prem.; contractor, Herzog Elec. Co., 370 Van Ness Ave. So.

ALTER store, \$400; NE Divisadero and Pine St.; owner, A. Iverson, 1539 10th Ave.

SIGN, electric, \$350; 883 Market St.; owner, Dolores School, Premises; contractor, Novelty Elec. Sign Co., 419 Larkin St.

ALTER flats, \$700; 435 44th Ave.; owner, C. F. Magne, Prem.

SIGN, electric, \$130; 1401 Geary St.; owner, Brenner's Pharm. Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$150; 4007 24th St.; owner, Johnny's, Prem.; contractor, Apex Elec. Co., 363 Fell St.

SIGN, electric, \$240; 3840 Geary St.; owner, Sound Radio Co., Prem.

LYON CO., NEV.—HIGHWAY CONSTR.—(State)

contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, \$125; 1838 Lawton St.; owner, C. M. Work, Prem.; contractor, Herzog Elec. Co., 370 Van Ness Ave. So.

ALTER dwelling, \$445; 240 10th Ave.; owner, O. M. Saul, Prem.; contractor, A. E. Parker, 116 Granada Ave.

ALTER store, \$950; NE Geary and Grant Ave.; owner, Livingston Bros., Prem.; contractor, W. C. Talt, 883 Market St.

SIGN, electric, \$200; 791 O'Farrell St.; owner, Moonlight Cafe, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

FLUE, \$25; 435 Hudson; owner, I. Piazza, 236 Moscow St.

ALTER dwelling, \$100; 2652 California St.; owner, H O L C, 758 Market St.; contractor, F. C. McGee, 575 Eddy St.

SIGN, electric, \$100; 4697 Mission St.; owner, Excelsior Hardware, Prem.; contractor, Brumfield El. Sign Co., 965 Folsom St.

ALTER flats, \$300; 1361 Washington St.; owner, P. Branger, Prem.; contractor, L. Sartorio, 2627 Lombard St.

SIGN, electric, \$100; 98 12th Street; owner, Commercial Tire Co., 98 12th Street; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$450; 57 Taylor St.; owner, Grand Hotel, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$300; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$150; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

FLUE, \$75; 1918 Post Street; owner, Mercantile Prop. Co., 155 Montgomery St.; contractor, Zemon Sheet Metal Works, 1570 Ellis.

FLUE, \$47; 1152 Taylor St.; owner, J. Hutchinson, premises.

ALTER apts., \$350; 180 Green St.; owner, N. Perl, premises; contractor, R. Felsotti, 200 Cervantes Blvd.

BILLBOARD, \$7; SW Potrero Ave. and 20th St.; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$350; 382 San Jose; owner, Wm. P. Stoessen, 33 Shotwell St.

ALTER dwelling, \$248; 1125 Shotwell St.; owner, Joe Mazzeo, 1125 Shotwell St.; contractor, E. J. Lehman, 51 Sharon St.

ALTER dwelling, \$350; 306 Edinburg; owner, H. W. Frank, 4607 Mission St.

SIGN, electric, \$100; 151 Market St.; owner, Bond Tavern, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER warehouse, \$450; 37 Drumm; owner, J. A. Lennox, c/o contractor; contractor, Mortensen Const. Co., 19th and Indiana.

ALTER apts., \$500; 1236 Montgomery St.; owner, A. J. Carlson, 1236 Montgomery St.

SIGN, electric, \$300; 44 Second St.; owner, Black and White, prem.; contractor, Western Neon Sign Co., 75 Fremont St.

SIGN, electric, \$200; 649 Green St.; owner, Valenti Marini Co., 649 Green St.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$150; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$100; 2230 Chestnut St.; owner, M. Markham, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

LYON CO., Nev.—Silver State Construction Co., Inc., Fallon, Nevada, at \$34,093.29, submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 8 miles of highway construction from Weeks to Fernley Junction, Route 1B, Section A, Lyon County, Nevada.

- Work involves:
- (1) 198 lf. remove culvert pipe;
 - (2) 32,727 c.y. rdwy. excav.;
 - (3) 1,300 c.y. drainage excav.;
 - (4) 149 sta. V type ditches;
 - (5) 993 c.y. borrow;
 - (6) 66,750 yd. sta. overhaul;
 - (7) 2,514 yd. mile overhaul;
 - (8) 290 c.y. struc. excav.;
 - (9) 230 c.y. backfill;
 - (10) 8 miles subgrade, Type B;
 - (11) 400 c.y. rock cleanup;
 - (12) 1,900 M. gals. water;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 1.00	\$ 1.00	\$ 0.50	\$ 1.00	\$ 1.00	\$ 0.50
(2)	.18	.225	.26	.25	.20	.36
(3)	.30	.24	.30	.50	.60	.25
(4)	5.00	5.00	4.00	5.00	5.00	2.00
(5)	.40	.20	.35	.40	.40	.45
(6)	.01	.01	.0075	.01	.005	.01
(7)	.10	.15	.15	.17	.10	.30
(8)	1.00	1.00	1.25	1.50	1.50	1.50
(9)	1.00	.50	.60	.50	1.00	.75
(10)	50.00	150.00	175.00	200.00	200.00	200.00
(11)	1.00	1.00	1.50	1.50	3.00	2.00
(12)	2.00	1.50	1.75	1.50	2.00	2.00
(13)	.33	.325	.34	.40	.45	.56
(14)	.40	.50	.50	.60	.70	.58
(15)	40.00	30.00	30.00	30.00	34.00	28.00
(16)	40.00	30.00	30.00	30.00	34.00	28.00
(17)	.07	.07	.07	.07	.06	.07
(18)	2.50	2.50	2.50	2.50	2.00	2.00
(19)	3.00	3.50	3.25	3.50	3.00	2.50
(20)	6.00	5.50	5.50	5.50	6.00	3.50
(21)	1.00	1.00	.75	1.00	.50	.50
(22)	10.00	12.50	12.00	15.00	15.00	5.00
(23)	4.00	3.00	3.50	3.00	3.00	4.00

- (13) 30,141 tons type 1 gravel base;
- (14) 16,864 tons gravel surface;
- (15) 33 c.y. Class A concrete;
- (16) 17 c.y. Class B concrete;
- (17) 3,960 lbs. reinf. steel;
- (18) 296 lf. 18-in. corr. metal pipe;
- (19) 54 lf. 24-in. do;
- (20) 38 lf. 36-in. do;
- (21) 92 lf. relay culvert pipe;
- (22) 13 c.y. grouted handlaid riprap;
- (23) 28 each monuments.

- Total bids follow:
- (A) Silver State Constr. Co., Inc., Fallon, Nev.—\$34,093.29.
 - (B) Dodge Const., Inc., Fallon, Nev.—\$36,198.29.
 - (C) George Pollock Co., Sacramento, Cal.—\$38,599.72.
 - (D) George French, Jr., Stockton, Cal.—\$42,277.55.
 - (E) Union Paving Co., San Francisco—\$48,285.00.
 - (F) J. A. Casson, Hayward—\$50,600.05

Unit prices follow:

LOS ANGELES CO.—CONSTRUCTING SEWERS—(State)

LOS ANGELES COUNTY, Calif.—V C K Construction Co., 5629 Via Corona, Los Angeles, at \$6,015.05 submitted low bid to the State Division of Highways, S. V. Cortelova, District Engineer, District VII, 808 State Bldg., Los Angeles, for constructing sewers between Arroyo Drive and Meridian Ave. in South Pasadena.

- Work involves:
- (1) 2300 c.y. struc. excav.;
 - (2) 6 each, manholes, type A;
 - (3) 3 each, manholes, type B;
 - (4) 1 each, manhole, type C;
 - (5) 2 each, junction chambers;
 - (6) 1 each, drop manhole;
 - (7) 1 each, flush tank;
 - (8) 6 each, reconstructing existing manholes;
 - (9) 1 each, adjust existing manhole to grade;
 - (10) 40 lf. 6-inch vit. clay pipe;

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	\$ 50	\$ 70	\$ 293.75	\$ 100.00	\$ 70.00	\$ 80	\$ 130.00	\$ 88	\$ 88.00	\$ 50	\$ 70	\$ 82	\$ 82	\$ 82.00
(B)	.90	.50	307.00	130.00	70.00	75	140.00	20	5.00	1.50	.88	1.32	1.50	7.70
(C)	.44	.40	425.00	150.00	65.00	70	150.00	15	10.00	1.00	1.25	1.25	1.50	10.00
(D)	1.15	.75	350.00	105.00	50.00	90	140.00	20	50.00	1.00	1.10	1.10	1.50	7.50
(E)	1.00	.70	325.00	130.00	80.00	80	130.00	10	5.00	.40	.60	.70	8.0	8.00
(F)	.35	.55	285.00	65.00	85.00	75	100.00	15	10.00	1.00	1.45	1.55	1.75	15.00
(G)	.50	.64	64.00	64.00	64.00	75	120.00	20	10.00	.90	1.20	1.50	2.00	12.60
(H)	.75	.75	300.00	100.00	85.00	100	152.50	15	12.50	.50	.90	1.00	1.25	9.00
(I)	.90	.75	325.00	145.00	75.00	80	180.00	25	20.00	.43	.50	.65	.85	10.00
(J)	.30	.75	70.00	70.00	80.00	80	100.00	35	15.00	.50	.84	1.12	1.20	11.00
(K)	.68	.85	369.25	191.25	85.00	85	85.00	10	15.00	.40	.50	.75	1.00	7.82
(L)	1.15	.85	280.00	95.00	90.00	95	100.00	15	15.00	.69	.83	.93	1.05	10.00
(M)	1.25	1.00	300.00	85.00	110.00	125	150.00	50	40.00	.50	.60	.70	.80	7.87
(N)	.75	.80	360.00	130.00	80.00	90	150.00	30	15.00	.65	.72	.85	1.00	9.90
(O)	1.30	.80	350.00	150.00	90.00	120	160.00	20	25.00	.60	.70	.70	.70	8.70
(P)	.40	.75	300.00	85.00	82.75	85	150.00	35	16.50	1.00	1.25	1.50	2.00	7.70

- (11) 1070 lf. 8-inch do;
- (12) 780 lf. 10-inch do;
- (13) 60 lf. 12-inch do;
- (14) 200 lf. 24-in. cast iron pipe.

- Total bids follow:
- (A) VCK Const. Co. \$6015.95
 - (B) E. L. Fleming and B. D. Zach 7562.29
 - (C) Artukovich Brothers 7689.50
 - (D) Gago & Rados 8368.00
 - (E) Sutilo & Ramljak 7112.00
 - (F) Peter S. Tomich 8365.50
 - (G) Culjag & Zelko 7253.00
 - (H) Radich & Brown 7338.00
 - (I) J. E. Haddock, Ltd. 7330.29
 - (J) M. H. Kemper 6229.40
 - (K) P. & J. Artukovich Co. 6544.00
 - (L) R. A. Wattson 8274.10
 - (M) Jack E. Cantella 8125.00
 - (N) Griffith Company 7329.40
 - (O) J. Erroll Kruij 8379.00
 - (P) Bebek & Brkch. 7189.50

Unit prices follow:

FLUES, \$365; 435-41 Locust Street; owner, Gus Carlson, 1033 Noe St.

ALTER apts., \$300; 875 Sacramento; owner, F. A. Cleveland, Richfield Oil Bldg., Oakland.

ALTER dwelling, \$150; 11 Coso Ave.; owner, Nora Brady, premises.

ALTER dwelling, \$222; 22 Havelock St.; owner, Pete Bertolotti, 22 Havelock St.

ALTER apts., \$450; 2765 Gough St.; owner, C. Demartini, premises.

ALTER dwelling, \$75; 6276 Third St.; owner, Chas. W. Ross, 1191 Fitzgerald.

FLUE, \$22; 126 West Portal; owner, Ninth Church of Christ, Scientist, prem.; contractor, Clow Gassteam Co., 571 Mission St.

REPAIR fire damage, \$400; 1259 Octavia St.; owner, K. Roche, 369 Pine St.; contractor, Lloyd O'Brien, 369 Pine St.

ALTER store, \$500; Mission, 12th St and Van Ness Ave. South; owner, Tire Service Co., premises; contractor, Geo. Wagner, 181 So. Park.

ALTER apts., \$950; 3721 23rd Street; owner, Mr. Kelly, 3721 23rd St.; contractor, Kett-Rakele, 666 Mission St.

SIGN, electric, \$400; 98 12th Street; owner, Commercial Tire Co., 98 12th St.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$300; 3276 Mission; owner, D. Densin, premises; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont Street.

SIGN, electric, \$450; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont Street.

ALTER dwelling, \$65; 212 Silliman; owner, Joe Blum, premises.

ALTER dwelling, \$268; 3827 23rd St.; owner, John Reid, 133 San Jose; contractor, Wm. Peenstra, 3870 24th St.

FLUES, \$225; 571 Corbett Avenue; owner, F. Nelson & Sons, 291 19th Ave.; contractor, Portal Sht. Metal Supply, 301 West Portal.

ALTER flats, \$343; 2226-28 30 Grove; owner, Charles Maginnis, 1252 Grove Street.

ALTER stores and apts., \$88; 1323 Valencia St.; owner, C. Letin, premises.

ALTER dwelling, \$100; 2001 Chestnut St.; owner, Frank Venturi, premises; contractor, Mangrum-Holbrook & Elkus, 301 Golden Gate Ave.

ALTER warehouse, \$250; 137 Sacramento St.; owner, J. A. Lennox, c/o contractor; contractor, Mortensen Const. Co., 19th and Indiana Sts.

ALTER flue, \$10; 150 Fifth Avenue; owner, Harry Edwards, prem.; contractor, Beaumont Furnace & Sheet Metal, 4811 Geary Blvd.

ALTER restaurant, \$500; 748 Commercial; owner, Chew Chung, premises; contractor, Frank Yick, 670 Washington St.

ALTER restaurant, \$500; 145 New Montgomery St.; owner, R. Alexander and G. Capolos, premises; contractor Beale Store Equip. Co. 2745 16th St.

BILLBOARD, \$7; S Market 99 E Du-boce; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; SW 5th and Folsom; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$120; SW 3rd and Mission Sts.; owner, Owl Drug Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$150; 52 Elsie St.; owner, John Hadzes, 77 Winfield.

TRINITY COUNTY—GRADING—(State)

TRINITY CO., Calif.—Harms Bros., Susanville, at \$19,739, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 2.2 miles grading, placing imported surfacing material and applying penetration oil treatment between one mile southwest of Hayfork and one-half mile east of Duncan Creek, Trinity County.

- Work involves:
- (1) 7 acres clear and grub right of way;
 - (2) 18,500 c.y. rdwy. excav., unclass.
 - (3) 300 c.y. ditch and channel excav.
 - (4) 26,000 sta. yds. overhaul;
 - (5) 7,000 c.y. imported borrow;
 - (6) 4,500 c.y. imported surf. matl.;
 - (7) 700 c.y. struc. excav.;
 - (8) 117 sta. finish rdwy.;
 - (9) 57 tons liquid asphalt, SC-2;
 - (10) 29 tons liquid asphalt, SC-4;
 - (11) 140 c.y. sand;
 - (12) 5,400 lbs. bar reinf. steel;
 - (13) 20 c.y. Class A Portland cement conc. struc.;
 - (14) 75 c.y. Class A Portland cement conc. slope pavement;
 - (15) 320 lf. 12-in. CMP;
 - (16) 368 lf. 18-in. CMP;

- (17) 64 lf. 18-in. CMP siphon;
 - (18) 42 lf. 72-in. CMP;
 - (19) 3 each 18-in. conc. pipe joints;
 - (20) 24 lf. remove and relay exist. culvert pipe;
 - (21) 70 lf. remove and salvage do;
 - (22) 24 each culvert markers;
 - (23) 22 each monuments.
- The State will furnish CMP as more explicitly set forth.

- Total bids follow:
- (A) Harms Bros., Susanville—\$19,739.00.
 - (B) Young & Son Co., Ltd., Berkeley—\$19,805.30.
 - (C) Helwig Constr. Co., Sebastopol—\$21,873.00.
 - (D) N. M. Ball Sons, Berkeley—\$22,393.20.
 - (E) Harold Smith, St. Helena—\$22,752.00.
 - (F) Piazza & Huntley, San Jose—\$22,807.90.
 - (G) Lee J. Immel, Berkeley—\$24,648.70.
 - (H) Geo. Pollock Co., Sacramento—\$24,920.00.
 - (I) A. Soda & Son, Oakland—\$30,613.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$200.00	\$125.00	\$200.00	\$200.00	\$100.00	\$170.00	\$400.00	\$250.00	\$300.00
(2)	28	28	35	30	34	30	30	37	50
(3)	1.00	.75	1.00	.90	1.00	1.00	.75	50	1.50
(4)	.01	.01	.005	.01	.01	.015	.01	.015	.03
(5)	.35	.28	.40	.45	.35	.42	.60	.30	.65
(6)	.50	.80	.65	.90	1.00	.90	.90	1.30	1.25
(7)	1.25	1.25	1.00	1.20	1.25	1.50	1.00	1.25	1.60
(8)	5.00	5.00	5.00	5.00	5.00	7.00	5.00	8.00	10.00
(9)	23.00	23.25	25.00	26.00	25.00	21.00	25.00	24.00	30.00
(10)	25.00	25.25	27.00	28.00	26.00	23.00	27.00	25.00	31.50
(11)	2.00	3.25	3.00	3.50	3.00	3.00	2.50	2.00	7.00
(12)	.08	.10	.07	.08	.07	.08	.10	.07	.10
(13)	35.00	32.50	28.00	35.00	30.00	35.00	30.00	25.00	35.00
(14)	30.00	22.50	23.00	22.00	30.00	30.00	25.00	20.00	32.00
(15)	.40	.55	.75	.40	.60	.60	.40	.75	1.00
(16)	.60	.70	1.00	.60	.75	.75	.50	1.00	1.00
(17)	.80	.80	1.00	.60	1.00	.75	.80	1.00	1.50
(18)	3.00	3.00	5.00	4.00	4.00	3.50	4.00	5.00	5.00
(19)	10.00	10.00	2.00	10.00	10.00	5.50	15.00	7.50	25.00
(20)	.50	1.00	1.50	.75	.50	1.10	1.00	1.00	3.00
(21)	.50	.75	1.50	.50	.60	.90	1.00	.75	2.00
(22)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50	4.00
(23)	3.00	3.00	3.00	3.00	3.00	3.00	3.25	4.00	5.00

CLACKAMAS CO., ORE.—REVTMENT WORK—(Govt.)

CLACKAMAS CO., Ore.—Kuckenberg Constr. Co., Portland, Ore., at \$31,415, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-38-567, for construction of approximately 3,100 feet of rock riprap revetment in Barton District Improvement Company; 1,150 feet of rock riprap revetment in Paradise Park District Improvement Company; and for bank clearing, bank sloping, gravel excavation and gravel filling along the Clackamas River 12 and 20 miles above the mouth of the river in Clackamas County, Ore.

- Work involves:
- (1) 1 1/2 acres bank clearing;
 - (2) 300 c.y. bank sloping;
 - (3) 4,500 c.y. gravel excavation;
 - (4) 2,200 c.y. gravel fill;

- (5) 6,200 c.y. riprap rock, in place.
- (6) 10 acre bank clearing;
- (7) 100 c.y. bank sloping;
- (8) 1,500 c.y. gravel excavation;
- (9) 1,100 c.y. gravel fill;
- (10) 2,200 c.y. rock riprap, in place.

- Total bids follow:
- (A) Kuckenberg Constr. Co., Portland—\$31,415.00.
 - (B) Kern & Kibbe, Portland—\$31,795.00.
 - (C) E. C. Hall Co., Eugene—\$33,400.00.
 - (D) Edlefsen-Weygandt Co., Portland—\$39,715.00.
 - (E) Parker-Schram Co., Portland—\$39,850.00.
 - (F) The United Contracting Co., Portland—\$43,390.00.
 - (G) Babler Bros., Portland—\$54,950.00.
 - (H) Contracting Officer's Estimate—\$42,254.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$350.00	\$300.00	\$400.00	\$400.00	\$450.00	\$600.00	\$500.00	\$700.00
(2)	.50	1.00	.50	.75	.75	1.25	1.00	1.40
(3)	.50	.45	.70	.75	.75	.80	1.00	.68
(4)	.50	.45	.70	.75	.75	1.10	1.00	1.00
(5)	2.90	2.90	2.75	3.00	3.60	3.75	5.00	3.80
(6)	375.00	300.00	400.00	400.00	300.00	600.00	500.00	700.00
(7)	1.00	1.00	.50	.75	.75	1.50	1.00	1.40
(8)	.75	.50	.70	.75	.75	1.00	1.00	.68
(9)	.75	.50	.70	.75	.75	1.25	1.00	1.00
(10)	3.25	3.85	4.00	4.50	4.30	6.00	6.00	3.91

ALTER restaurant, \$950; 1022 Market St.; owner, Harrigan-Weidenmuller Co., 344 Kearny Street; contractor, A. Wilhelm, 666 Mission St.

FLUE, \$35; 1373 19th Ave.; owner, J. H. Bradner, premises; contractor, Howe Furnace Co., 2222 Bush St.

FLUES, \$60; 2245 Post St.; owner, G. Weber, premises; contractor, L. J. Reiss, 2272 Market St.

ALTER store, \$400; 1013 Taraval; owner, G. A. Draeger, 5201 Geary Blvd.

FLUES, \$225; 575 Corbett Ave.; owner, F. Nelson & Sons, Inc., 2901 19th Ave.; contractor, Portal Sheet Metal Works, 301 West Portal Ave.

SIGN, electric, \$300; 10 Embarcadero; owner, The Ensign Cafe, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$120; 10 Embarcadero; owner, The Ensign Cafe, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$700; 151 Bayshore Blvd.; owner, Los Angeles Soap Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$100; 238 8th Ave.; owner, H. W. Finck, 875 35th Ave.

ALTER store, \$250; 2201 Market St.; owner, Mr. Klinger, prem.; contractor, R. Lind, 54 Stanton St.

SIGN, electric, \$200; 739 Grant Ave.; owner, Song Kee Co., prem.; contractor, Wonderlite Neon Prod. Corp., 910 Harrison St.

ALTER apt. house, \$190; 1438 McAllister St.; owner, Solomon Rose 1438 McAllister St.

ALTER dwelling, \$175; 175 Ney St.; owner, Mrs. Lyon, prem.; contractor, Calif. Terrazzo Co., 2035 San Bruno Ave.

ALTER store, \$500; 1823 Ocean Ave.; owner, Harry A. Gayton, prem.; contractor, R. E. Westwater, 425 Vernon St.

ALTER dwelling, \$350; 39 Day St.; owner, J. Collins, premises.

ALTER guest house, \$125; 1901 Jackson St.; owner, Mrs. Robbins, premises; contractor, Star Orn. Iron Works, 227 Bay St.

ALTER tavern, \$275; 27 3rd St.; owner, J. & W. Hurley, prem.; contractor, United Show Case Co., 655 McAllister St.

ALTER dwelling, \$500; 30 Rivoli St.; owner, A. C. Sankey, premises; contractor, J. W. Coburn, 2045 Market St.

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$250; 3100 College Ave., Berkeley; owner and contractor, K. G. Baillie, Prem.

REPAIR fire damage, \$300; 1534 Ward, Berkeley; owner, C. W. Severy, Prem.; contractor, W. A. Rose, 478 25th St., Oakland

ALTERATIONS, \$500; 898 Spruce, Berkeley; owner, H. G. Haney, Prem.; contractor, Alpine Wood & Supply Co., 2846 Shattuck.

ALTERATIONS, \$400; 713 Peterson St., Oakland; owner, S. Pritchett, Prem.

REPAIRS, fire, \$250; 504 15th St., Oakland; owner, Mary T. Dunn, 506 15th St.; contractor, W. A. Rose, 478 25th St.

GARAGE, 1-story, \$150; 4273 Norton Ave., Oakland; owner and contractor, M. Delkovich, Prem.

RETAINING wall, \$120; N. Weld St., 50 W 78th Ave., Oakland; owner, C. Louise, 5th and Chestnut Sts.; contractor, M. Ricchezza, 351 Filbert St.

ADD to garage, \$300; 7028 Thornhill Dr., Oakland; owner and contractor, Gene Gaillac, Prem.

ESMERALDA CO., NEV.—HIGHWAY CONSTR.—(State)

ESMERALDA CO., Nev.—Silver State Constr. Co., Inc., Fallon, Nevada, at \$23,016.35, submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 10.68 mi. highway construction from a point approximately ten mi. south of Blair Junction to Silver Peak, Ref. 47, Section B, Esmeralda Co., Nev.

Work involves:
 (1) 7767 sq. yd. remove and stockpile gravel surface;
 (2) 6977 c.y. borrow;
 (3) 9 c.y. struc. excav.;
 (4) 660 c.y. type 2 gravel base, 1 1/2-in. size;
 (5) 107 tons liq. asph., Type MC-2 (seal);
 (6) 723 tons liq. asph., Type SC-2 (roadmix);

- (7) 10.68 mi. roadmix;
- (8) 4 c.y. class B concrete;
- (9) 61 lbs. reinf. steel;
- (10) 64 lf. 24-in. vt. pipe;
- (11) 114 each, culvert markers;
- (12) 30 each, guide posts;
- (13) 7767 sq. yds. replace surface.

Total bids follow:
 (A) Silver State Constr. Co., Inc., Fallon, Nevada—\$23,016.35.
 (B) George French, Jr., Stockton, Calif.—\$23,732.50.
 (C) Dodge Constr. Co., Fallon, Nev.—\$23,966.92.
 (D) J. C. Compton, McMinnville, Oregon—\$26,216.54.
 (E) J. A. Casson, Hayward, Calif.—\$26,877.75.
 (F) Union Paving Co., San Francisco, Cal.—\$27,797.77.
 (G) Nevada Rock & Sand Co., Inc., Reno, Nevada—\$28,159.99.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$.10	\$.05	\$.03	\$.02	\$.08	\$.03	\$.04
(2).....	.25	.45	.40	.46	.59	.30	.40
(3).....	1.00	1.50	2.00	2.00	1.50	1.00	2.00
(4).....	1.00	1.00	1.00	1.10	.75	1.00	1.00
(5).....	20.00	20.00	20.00	24.00	20.30	28.00	24.00
(6).....	15.20	15.50	16.50	17.00	17.30	21.50	20.00
(7).....	400.00	400.00	400.00	500.00	450.00	400.00	450.00
(8).....	30.00	40.00	35.00	36.00	30.00	40.00	40.00
(9).....	.10	.15	.10	.10	.10	.15	.15
(10).....	5.00	4.50	5.00	5.25	3.00	4.00	6.00
(11).....	4.00	3.00	3.00	3.00	3.00	3.00	3.00
(12).....	4.00	3.00	3.00	3.00	3.00	3.00	3.00
(13).....	.10	.05	.03	.04	.08	.03	.08
(14).....	1.00	1.00	1.75	1.00	1.50	1.50	2.00

YUMA CO., ARIZ.—Highway Improvement—(State.)

YUMA CO., Ariz.—Warren Southwest, Inc., 2145 E. 25th St., Los Angeles, at \$51,138.19 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on Hope-Parker Highway FL 8-B (1938), AFE 7210. The work, which extends from the town of Parker southeasterly for a distance of about 9.25 miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before Oct. 31, 1938.

Work involves:
 (1) 43,827 c.y. rdwy. excav., unclass.
 (2) 154 c.y. drainage excav., unclass.
 (3) 21,050 lf. grader ditches;
 (4) 111 c.y. struc. excav., unclass.;
 (5) 42,206 sta. yd. overhaul;
 (6) 84 c.y. mile haul;
 (7) 11,024 c.y. imported borrow, CIP;
 (8) 33,598 c.y. select material, CIP;
 (9) 20,624 tons agg. base course, CIP
 (10) 1,125 M. gals. sprinkling, CIP;
 (11) 900 hours rolling;
 (12) 42 c.y. class A concrete, including cement;
 (13) 4,305 lbs. reinf. steel bars, CIP;
 (14) 660 lf. 18-in. CMP (CIP except excavation);
 (15) 186 lf. 24-in. CMP (do);

- (16) 68 lf. 36-in. CMP (do);
- (17) 51 each guide posts (CIP);
- (18) 69 each r/w markers, type A (CIP);
- (19) 105,291 gals. road oil, SC-1 (for A.S.T.) (CIP);
- (20) 766 c.y. blotter material (CIP);
- (21) 160 tons stockpiling ABC (CIP in stockpile);
- (22) 255 c.y. stockpiling blotter material (CIP in stockpile).

Total bids follow:
 (A) Warren Southwest, Inc., Los Angeles, \$51,138.19.
 (B) W. E. Orr, Prescott, Ariz., \$51,298.51.
 (C) Oswald Bros., Phoenix, \$51,479.62
 (D) J. A. Casson, Phoenix, \$56,016.16
 (E) Martin Bros. Trucking Co., Long Beach, \$56,914.43.
 (F) Fisher Const. Co., Phoenix, \$57,515.50.
 (G) Phoenix-Tempe Stone Co., Phoenix, \$57,946.19.
 (H) Daley Corp., San Diego, \$60,369.09.
 (I) Tiffany Const. Co., Phoenix, \$62,704.70.
 (J) V. R. Dennis Const. Co., San Diego, \$62,948.63.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$.185	\$.20	\$.20	\$.24	\$.22	\$.20	\$.24	\$.30	\$.26	\$.20
(2).....	.25	.25	.25	.22	.40	.30	.25	.35	.30	.30
(3).....	.03	.04	.04	.01	.03	.03	.025	.05	.05	.04
(4).....	.70	.80	1.00	1.90	.75	.80	1.20	.80	1.00	1.00
(5).....	.01	.01	.01	.01	.01	.01	.015	.025	.02	.01
(6).....	.35	.30	.25	.50	.30	.60	.22	.12	.40	.30
(7).....	.37	.32	.28	.32	.32	.30	.30	.33	.42	.34
(8).....	.32	.32	.30	.32	.36	.36	.37	.36	.38	.43
(9).....	.48	.45	.53	.60	.58	.62	.55	.48	.60	.70
(10).....	1.60	1.75	1.50	1.00	3.00	2.00	3.00	2.00	3.00	2.25
(11).....	2.00	2.50	3.00	3.00	3.00	2.75	2.75	3.00	3.00	3.00
(12).....	25.00	23.00	25.00	25.00	20.00	35.00	24.00	26.00	30.00	25.00
(13).....	.06	.075	.07	.07	.06	.075	.08	.10	.07	.06
(14).....	1.50	1.70	1.75	2.00	1.70	2.00	1.50	1.90	1.75	2.00
(15).....	2.60	2.75	2.75	3.10	2.75	2.90	2.25	2.80	2.70	3.00
(16).....	5.00	5.00	5.00	6.00	5.00	5.25	4.50	5.20	5.00	6.00
(17).....	2.00	2.50	3.00	3.00	2.25	3.00	2.40	2.00	3.00	2.50
(18).....	2.50	3.00	3.00	3.00	2.50	3.00	2.40	2.00	3.00	2.50
(19).....	.07	.069	.065	.075	.065	.07	.065	.07	.068	.07
(20).....	1.50	1.50	1.25	1.00	1.00	1.50	1.20	2.00	.75	2.50
(21).....	.50	.45	.53	.50	.58	.62	.50	.35	1.00	.7
(22).....	1.50	1.00	1.75	1.00	1.00	1.50	1.25	1.00	1.00	2.25

FLUES, \$365; 435-41 Locust Street; owner, Gus Carlson, 105 Noe St.
 ALTER apts., \$300; 875 Sacramento; owner, F. A. Cleveland, Richfield Oil Bldg., Oakland.
 ALTER dwelling, \$150; 11 Coso Ave.; owner, Nora Brady, premises.
 ALTER dwelling, \$222; 22 Havelock St.; owner, Pete Bertolotti, 22 Havelock St.
 ALTER apts., \$450; 2765 Gough St.; owner, C. Demarint, premises.
 ALTER dwelling, \$75; 6276 Third St.; owner, Chas. W. Ross, 1191 Fitzgerald.

FLUE, \$22; 126 West Portal; owner, Ninth Church of Christ, Scientist, prem.; contractor, Clow Gassteam Co., 571 Mission St.
 REPAIR fire damage, \$400; 1559 Octavia St.; owner, K. Roche, 369 Pine St.; contractor, Lloyd O'Brien, 369 Pine St.

ALTER store, \$500; Mission, 12th St. and Van Ness Ave. South; owner, Tire Service Co., premises; contractor, Geo. Wagner, 181 So. Park.
 ALTER apts., \$950; 3721 23rd Street; owner, Mr. Kelly, 3721 23rd St.; contractor, Kett-Rakele, 666 Mission St.

SIGN, electric, \$400; 98 12th Street; owner, Commercial Tire Co., 98 12th St.; contractor, Western Neon Lite Co., 75 Fremont St.
 SIGN, electric, \$300; 3276 Mission; owner, D. Dennis, premises; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont Street.

SIGN, electric, \$450; 1560 Van Ness; owner, Geo. Daniels, prem.; contractor, Western Neon Lite Co., 75 Fremont Street.

ALTER dwelling, \$65; 212 Silliman; owner, Joe Blum, premises.
 ALTER dwelling, \$25; 3827 23rd St.; owner, John Reid, 133 San Jose; contractor, Wm. Peenstra, 3870 24th St.

FLUES, \$225; 571 Corbett Avenue; owner, F. Nelson & Sons, 291 19th Ave.; contractor, Portal Sht. Metal Supply, 301 West Portal.

ALTER flats, \$343; 2225-28-50 Grove; owner, Charles Maginnis, 2252 Grove Street.
 ALTER stores and apts., \$88; 1328 Valencia St.; owner, C. Letin, premises.

ALTER dwelling, \$100; 2001 Chestnut St.; owner, Frank Venturi, premises; contractor, Mangrum-Holbrook & Elkus, 301 Golden Gate Ave.

ALTER warehouse, \$250; 137 Sacramento St.; owner, J. A. Lennox, c/o contractor; contractor, Mortensen Const. Co., 19th and Indiana Sts.

ALTER flue, \$10; 150 Fifth Avenue; owner, Harry Edwards, prem.; contractor, Beaumont Furnace & Sheet Metal, 4811 Gear Blvd.

ALTER restaurant, \$500; 748 Commercial; owner, Chew Chung, premises; contractor, Frank Yick, 670 Washington St.

ALTER restaurant, \$500; 145 New Montgomery St.; owner, R. Alexander and G. Canolos, premises; contractor Beale Store Equip. Co., 2745 16th St.

BILLBOARD, \$7; S Market 99 E Du-boce; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; SW 54th and Folsom; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, \$120; SW 3rd and Mission Sts.; owner, Owl Drug Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$150; 52 Elsie St. owner, John Hadzes, 77 Winfield.

TRINITY COUNTY—GRADING—(State)

TRINITY CO., Calif.—Harms Bros., Susanville, at \$19,739, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 2.2 miles grading, placing imported surfacing material and applying penetration oil treatment between one mile southwest of Hayfork and one-half mile east of Duncan Creek, Trinity County.

- Work involves:
 (1) 7 acres clear and grub right of way;
 (2) 18,500 c.y. rdwy. excav., unclass.
 (3) 300 c.y. ditch and channel excav.
 (4) 26,000 sta. yds. overhaul;
 (5) 7,000 c.y. imported borrow;
 (6) 4,500 c.y. imported surf. matl.;
 (7) 700 c.y. struc. excav.;
 (8) 117 sta. finish rdwy.;
 (9) 57 tons liquid asphalt, SC-2;
 (10) 29 tons liquid asphalt, SC-4;
 (11) 140 c.y. sand;
 (12) 5,400 lbs. bar reinf. steel;
 (13) 20 c.y. Class A Portland cement conc. struc.;
 (14) 75 c.y. Class A Portland cement conc. slope pavement;
 (15) 320 lf. 12-in. CMP;
 (16) 368 lf. 18-in. CMP;

- (17) 64 lf. 18-in. CMP siphon;
 (18) 42 lf. 72-in. CMP;
 (19) 3 each 18-in. conc. pipe joints;
 (20) 24 lf. remove and relay exist. culvert pipe;
 (21) 70 lf. remove and salvage do;
 (22) 24 each culvert markers;
 (23) 22 each monuments.

The State will furnish CMP as more explicitly set forth.

- Total bids follow:
 (A) Harms Bros., Susanville—\$19,739.00
 (B) Young & Son Co., Ltd., Berkeley—\$19,805.30
 (C) Helwig Constr. Co., Sebastopol—\$21,873.00
 (D) N. M. Ball Sons, Berkeley—\$22,393.20
 (E) Harold Smith, St. Helena—\$22,752.00
 (F) Piazza & Huntley, San Jose—\$22,807.90
 (G) Lee J. Immel, Berkeley—\$24,648.70
 (H) Geo. Pollock Co., Sacramento—\$24,920.00
 (I) A. Soda & Son, Oakland—\$30,613.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$200.00	\$125.00	\$200.00	\$200.00	\$100.00	\$170.00	\$400.00	\$250.00	\$300.00
(2)28	28	.35	.30	.34	.30	.30	.37
(3)	1.00	.75	1.00	.90	1.00	1.00	.75	1.50
(4)01	.01	.005	.01	.01	.015	.01	.015
(5)35	.28	.40	.45	.35	.42	.60	.30
(6)50	.80	.65	.90	1.00	.90	.90	1.30
(7)	1.25	1.25	1.00	1.20	1.25	1.50	1.00	1.25
(8)	5.00	5.00	5.00	5.00	5.00	7.00	5.00	8.00
(9)	23.00	23.25	25.00	26.00	25.00	21.00	25.00	24.00
(10)	25.00	25.25	27.00	28.00	26.00	23.00	27.00	25.00
(11)	2.00	3.25	3.00	3.50	3.00	3.00	2.50	2.00
(12)	10.00	10.07	10.07	10.07	10.07	10.07	10.07	10.07
(13)	35.00	32.50	28.00	35.00	30.00	35.00	30.00	25.00
(14)	30.00	22.50	23.00	22.00	30.00	30.00	25.00	20.00
(15)40	.55	.75	.40	.60	.60	.40	.75
(16)60	.70	1.00	.60	.75	.75	.50	1.00
(17)80	.80	1.00	.60	1.00	.75	.80	1.00
(18)	3.00	3.00	5.00	4.00	4.00	3.50	4.00	5.00
(19)	10.00	10.00	2.00	10.00	10.00	5.50	15.00	7.50
(20)50	1.00	1.50	.75	.50	1.10	1.00	3.00
(21)50	.75	1.50	.50	.60	.90	1.00	.75
(22)	3.00	3.00	3.00	3.00	3.00	3.00	3.50	4.00
(23)	3.00	3.00	3.00	3.00	3.00	3.00	3.25	4.00

CLACKAMAS CO., ORE.—REVTMENT WORK—(Govt.)

CLACKAMAS CO., Ore.—Kuckenberg Constr. Co., Portland, Ore., at \$31,415, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-567, for construction of approximately 3,100 feet of rock riprap revetment in Barton District Improvement Company; 1,150 feet of rock riprap revetment in Paradise Park District Improvement Company; and for bank clearing, bank sloping, gravel excavation and gravel filling along the Clackamas River 12 and 20 miles above the mouth of the river in Clackamas County, Ore.

- Work involves:
 Sec. A—Barton Dist. Imp. Co.
 (1) 1 1/2 acres bank clearing;
 (2) 300 c.y. bank sloping;
 (3) 4,500 c.y. gravel excavation;
 (4) 2,200 c.y. gravel fill;

- (5) 6,200 c.y. riprap rock, in place.
 Sec. B—Paradise Park Dist. Imp. Co.
 (6) 1.0 acre bank clearing;
 (7) 100 c.y. bank sloping;
 (8) 1,500 c.y. gravel excavation;
 (9) 1,100 c.y. gravel fill;
 (10) 2,200 c.y. rock riprap, in place.

- Total bids follow:
 (A) Kuckenberg Constr. Co., Portland—\$31,415.00
 (B) Kern & Kibbe, Portland—\$31,795.00
 (C) E. C. Hall Co., Eugene—\$33,400.00
 (D) Edlefsen-Weygandt Co., Portland—\$39,715.00
 (E) Parker-Schram Co., Portland—\$39,850.00
 (F) The United Contracting Co., Portland—\$43,390.00
 (G) Babler Bros., Portland—\$54,950.00
 (H) Contracting Officer's Estimate—\$42,254.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$350.00	\$300.00	\$400.00	\$400.00	\$450.00	\$600.00	\$500.00	\$700.00
(2)50	1.00	.50	.75	.75	1.25	1.00
(3)50	.45	.70	.75	.75	.80	1.00
(4)50	.45	.70	.75	.75	1.10	1.00
(5)	2.90	2.90	2.75	3.00	3.60	3.75	5.00
(6)	350.00	300.00	400.00	400.00	300.00	600.00	500.00
(7)	1.00	1.00	.50	.75	.75	1.50	1.00
(8)75	.50	.70	.75	.75	1.00	.88
(9)75	.50	.70	.75	.75	1.25	1.00
(10)	3.25	3.85	4.00	4.50	4.30	4.30	6.00

ALTER restaurant, \$950; 1022 Market St.; owner, Harrigan-Wellenmuller Co., 344 Kearny Street; contractor, A. Wilhelm, 666 Mission St.

FLUE, \$35; 1373 19th Ave.; owner, J. H. Bradner, premises; contractor, Howe Furnace Co., 2222 Bush St.

FLUES, \$60; 2245 Post St.; owner, G. Weber, premises; contractor, L. J. Reiss, 2272 Market St.

ALTER store, \$400; 1013 Taraval; owner, G. A. Draeger, 5201 Geary.

FLUES, \$225; 575 Corbett Ave.; owner, F. Nelson & Sons, Inc., 2901 19th Ave.; contractor, Portal Sheet Metal Works, 301 West Portal Ave.

SIGN, electric, \$300; 10 Embarcadero; owner, The Ensign Cafe, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$120; 10 Embarcadero; owner, The Ensign Cafe, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$700; 151 Bayshore Blvd.; owner, Los Angeles Soap Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$100; 238 8th Ave.; owner, H. W. Finck, 875 35th Ave.

ALTER store, \$250; 2201 Market St.; owner, Mr. Klinger, prem.; contractor, R. Lind, 54 Stanton St.

SIGN, electric, \$200; 739 Grant Ave.; owner, Song Kee Co., prem.; contractor, Wonderlite Neon Prod. Corp., 910 Harrison St.

ALTER apt. house, \$190; 1438 McAllister St.; owner, Solomon Rose 1438 McAllister St.

ALTER dwelling, \$175; 175 Ney St.; owner, Mrs. Lyon, prem.; contractor, Calif. Terrazzo Co., 2085 San Bruno Ave.

ALTER store, \$500; 1823 Ocean Ave.; owner, Harry A. Gayton, prem.; contractor, R. E. Westwater, 425 Vernon St.

ALTER dwelling, \$350; 39 Day St.; owner, J. Collins, premises.

ALTER guest house, \$125; 1901 Jackson St.; owner, Mrs. Robbins, premises; contractor, Star Orn. Iron Works, 227 Bay St.

ALTER tavern, \$275; 27 3rd St.; owner, J. & W. Hurley, prem.; contractor, United Show Case Co., 655 McAllister St.

ALTER dwelling, \$500; 30 Rivoli St.; owner, A. C. Sankey, premises; contractor, J. W. Coburn, 2045 Market St.

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$250; 3100 College Ave., Berkeley; owner and contractor, K. G. Baillie, Prem.

REPAIR fire damage, \$300; 1534 Ward, Berkeley; owner, C. W. Severy, Prem.; contractor, W. A. Rose, 478 25th St., Oakland

ALTERATIONS, \$500; 898 Spruce, Berkeley; owner, H. G. Hanev, Prem.; contractor, Alpine Wood & Supply Co., 2846 Shattuck.

ALTERATIONS, \$400; 713 Peterson St., Oakland; owner, S. Pritchett, Prem.

REPAIRS, fire, \$250; 504 15th St., Oakland; owner, Mary T. Dunn, 506 15th St.; contractor, W. A. Rose, 478 25th St.

GARAGE, 1-story, \$150; 4273 Norton Ave., Oakland; owner and contractor, M. Delkovich, Prem.

RETAINING wall, \$120; N. Weld St., 50 W 78th Ave., Oakland; owner, C. Louise, 5th and Chestnut Sts.; contractor, M. Ricchezza, 351 Filbert St.

ADD to garage, \$300; 7028 Thornhill Dr., Oakland; owner and contractor, Gene Galliac, Prem.

ESMERALDA CO., NEV.—HIGHWAY CONSTR.—(State)

ESMERALDA CO., Nev.—Silver State Constr. Co., Inc., Fallon, Nevada, at \$23,016.35, submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 10.68 mi. highway construction from a point approximately ten mi. south of Blair Junction to Silver Peak, Rte. 47, Section B, Esmeralda Co., Nev.

- Work involves:
- (1) 7767 sq. yd. remove and stockpile gravel surface;
 - (2) 6977 c.y. borrow;
 - (3) 9 c.y. struc. excav.;
 - (4) 660 c.y. type 2 gravel base, 1½-in. size;
 - (5) 107 tons liq. asph., Type MC-2 (seal);
 - (6) 723 tons liq. asph., Type SC-2 (roadmix);

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.10	\$.05	\$.33	\$.02	\$.08	\$.03	\$.01
(2)	.25	.45	.40	.46	.59	.30	.40
(3)	1.00	1.50	2.00	2.00	1.50	1.00	2.00
(4)	1.00	1.00	1.00	1.10	.75	1.00	1.00
(5)	20.00	20.00	20.00	24.00	20.30	28.00	24.00
(6)	15.20	15.50	16.50	17.00	17.30	21.50	20.00
(7)	400.00	400.00	400.00	500.00	450.00	400.00	450.00
(8)	30.00	40.00	35.00	36.00	30.00	40.00	40.00
(9)	.10	.15	.10	.10	.10	.15	.15
(10)	5.00	4.50	5.00	5.25	3.00	4.00	6.00
(11)	4.00	3.00	3.00	3.00	3.00	3.00	3.00
(12)	4.00	3.00	3.00	3.00	3.00	3.00	3.00
(13)	.10	.05	.03	.04	.08	.03	.08
(14)	1.00	1.00	1.75	1.00	1.50	1.50	2.00

- (7) 10.68 mi. roadmix;
- (8) 4 c.y. class B concrete;
- (9) 61 lbs. reinf. steel;
- (10) 64 l.f. 24-in. vt. pipe;
- (11) 114 each, culvert markers;
- (12) 30 each, guide posts;
- (13) 7767 sq. yds. replace surface.

- Total bids follow:
- (A) Silver State Constr. Co., Inc., Fallon, Nevada—\$23,016.35.
 - (B) George French, Jr., Stockton, Calif.—\$23,732.50.
 - (C) Dodge Constr. Inc., Fallon, Nev.—\$23,966.92.
 - (D) J. C. Compton, McMinville, Oregon—\$26,216.54.
 - (E) J. A. Casson, Hayward, Calif.—\$26,877.75.
 - (F) Union Paving Co., San Francisco, Cal.—\$27,797.77.
 - (G) Nevada Rock & Sand Co., Inc., Reno, Nevada—\$28,159.99.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.10	\$.05	\$.33	\$.02	\$.08	\$.03	\$.01
(2)	.25	.45	.40	.46	.59	.30	.40
(3)	1.00	1.50	2.00	2.00	1.50	1.00	2.00
(4)	1.00	1.00	1.00	1.10	.75	1.00	1.00
(5)	20.00	20.00	20.00	24.00	20.30	28.00	24.00
(6)	15.20	15.50	16.50	17.00	17.30	21.50	20.00
(7)	400.00	400.00	400.00	500.00	450.00	400.00	450.00
(8)	30.00	40.00	35.00	36.00	30.00	40.00	40.00
(9)	.10	.15	.10	.10	.10	.15	.15
(10)	5.00	4.50	5.00	5.25	3.00	4.00	6.00
(11)	4.00	3.00	3.00	3.00	3.00	3.00	3.00
(12)	4.00	3.00	3.00	3.00	3.00	3.00	3.00
(13)	.10	.05	.03	.04	.08	.03	.08
(14)	1.00	1.00	1.75	1.00	1.50	1.50	2.00

YUMA CO., ARIZ.—Highway Improvement—(State.)

YUMA CO., Ariz.—Warren Southwest, Inc., 2145 E. 25th St., Los Angeles, at \$51,138.19 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on Hope-Parker Highway FL 8-B (1938), AFE 7210. The work, which extends from the town of Parker southeasterly for a distance of about 9.25 miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before Oct. 31, 1938.

- Work involves:
- (1) 43,827 c.y. rdwy. excav., unclass.
 - (2) 184 c.y. drainage excav., unclass.
 - (3) 21,050 l.f. grader ditches;
 - (4) 111 c.y. struc. excav., unclass.;
 - (5) 42,206 sta. yd. overhaul;
 - (6) 84 c.y. mile haul;
 - (7) 11,024 c.y. imported borrow, CIP
 - (8) 33,598 c.y. select material, CIP
 - (9) 20,624 tons agg. base course, CIP
 - (10) 1,125 M. gals. sprinkling, CIP;
 - (11) 900 hours rolling;
 - (12) 42 c.y. Class A concrete, including cement;
 - (13) 4,305 lbs. reinf. steel bars, CIP;
 - (14) 660 l.f. 18-in. CMP (CIP except excavation);
 - (15) 186 l.f. 24-in. CMP (do);

- (16) 68 l.f. 36-in. CMP (do);
- (17) 51 each guide posts (CIP);
- (18) 69 each r/w markers, type A (CIP);
- (19) 105,291 gals. road oil, SC-4 (for A.S.T.) (CIP);
- (20) 766 c.y. blotter material (CIP);
- (21) 160 tons stockpiling ABC (CIP in stockpile);
- (22) 255 c.y. stockpiling blotter material (CIP in stockpile).

- Total bids follow:
- (A) Warren Southwest, Inc., Los Angeles, \$51,138.19.
 - (B) W. E. Orr, Prescott, Ariz., \$51,298.51.
 - (C) Oswald Bros., Phoenix, \$51,479.62
 - (D) J. A. Casson, Phoenix, \$56,016.16.
 - (E) Martin Bros. Trucking Co., Long Beach, \$56,914.45.
 - (F) Fisher Const. Co., Phoenix, \$57,515.50.
 - (G) Phoenix-Tempe Stone Co., Phoenix, \$57,946.19.
 - (H) Daley Corp., San Diego, \$60,369.09.
 - (I) Tiffany Const. Co., Phoenix, \$62,704.70.
 - (J) V. R. Dennis Const. Co., San Diego, \$62,948.63.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$.185	\$.20	\$.20	\$.24	\$.22	\$.20	\$.24	\$.30	\$.26	\$.20
(2)	.25	.25	.25	.25	.22	.40	.30	.25	.35	.30
(3)	.03	.04	.04	.01	.03	.03	.025	.05	.05	.04
(4)	.70	.80	1.00	1.90	.75	.80	1.20	.80	1.00	1.00
(5)	.01	.01	.01	.01	.01	.01	.015	.025	.02	.01
(6)	.35	.30	.25	.50	.30	.60	.22	.12	.40	.30
(7)	.37	.32	.28	.32	.32	.30	.30	.33	.42	.34
(8)	.32	.32	.30	.32	.36	.36	.37	.36	.38	.43
(9)	.48	.45	.53	.60	.58	.62	.65	.48	.60	.70
(10)	1.60	1.75	1.50	1.00	3.00	2.00	3.00	2.00	3.00	2.25
(11)	2.00	2.50	3.00	3.00	3.00	2.75	2.75	3.00	3.00	3.00
(12)	25.00	23.00	25.00	25.00	20.00	35.00	24.00	26.00	30.00	25.00
(13)	.06	.075	.07	.07	.06	.075	.08	.10	.07	.06
(14)	1.80	1.70	1.75	2.00	1.70	2.00	1.50	1.90	1.75	2.00
(15)	2.60	2.75	2.75	3.40	2.75	2.90	2.25	2.80	2.70	3.00
(16)	5.00	5.00	5.00	6.00	5.00	5.25	4.50	5.20	5.00	6.00
(17)	2.00	2.50	3.00	3.00	2.25	3.00	2.40	2.00	3.00	2.50
(18)	2.50	3.00	3.00	3.00	2.50	3.00	2.40	2.00	3.00	2.50
(19)	.07	.069	.065	.075	.065	.07	.065	.07	.068	.07
(20)	1.50	1.50	1.25	1.10	1.00	1.50	1.20	2.00	.75	2.50
(21)	.50	.45	.53	.50	.58	.62	.50	.35	1.00	.7
(22)	1.50	1.00	.75	1.00	1.00	1.50	1.25	1.00	1.00	2.25

REEROOF, \$108; 55 Pearl St., Oakland; owner, Mrs. L. Lloyd, 55 Pearl St.; contractor, Jack Johnson Roof. Co., 2323 Foothill Blvd.

PATENT chimney, \$50; 1501 79th Ave., Oakland; owner, J. Johnson, Prem.; contractor, Scott Sheet Metal Works, 1010 38th Ave.

REPAIRS, \$150; 1103-05 14th St., Oakland; owner, Gus W. Staht, 1103 14th St.; contractor, B. A. Stewart, 814 Erie St.

REPAIRS, \$150; 1107-09 14th St., Oakland; owner, Gus W. Staht, 1103 14th St.; contractor, B. A. Stewart, 814 Erie St.

ALTERATIONS, \$150; 2321 Market St.; owner and contractor, Catherine Olsen, 727 14th St.

GARAGE, 1-story, \$150; 1614 Hopkins St., Oakland; owner and contractor, Mark Scanlon, Prem.

GARAGE, private, \$150; 3890 Hanly

Rd., Oakland; owner and contractor, W. Martin, Prem.

ALTER dwelling, \$25; 2470 26th Ave., Oakland; owner and contractor, John Colombo, 2895 Elmwood Ave.

SIGN, roof, \$30; 197 13th St., Oakland; owner and contractor, Hancock Oil Co., 1207 19th Ave.

SIGN, roof, \$30; 530 Webster St., Oakland; owner and contractor, Hancock Oil Co., 1207 19th Ave.

SIGN, cloth, \$10; 7207 E. 14th St., Oakland; owner, Sally Ann Dress Shop, Prem.; contractor, Earl Cissna, 2590 Grove St.

SIGN, metal, \$20; 2121 Hopkins St., Oakland; owner, Edgies Fountain, Prem.; contractor, Earl Cissna, 2590 Grove St.

SIGN, metal, \$30; 3265 Grand Ave., Oakland; owner, Riches Health Store, Prem.; contractor, Geo. S. Peterson, 3019 Foothill Blvd.

SIGN, electrical, horizontal, \$100; 1202 23rd Ave., Oakland; owner, Gus Casta, Prem.; contractor, Imp Elec. Sign Co., 2228 Myrtle St.

ALTERATIONS, \$450; 2110 Curtis, Berkeley; owner, E. Josephson, 2140 Curtis; contractor, A. Niska, 1142 Allston Way.

GARAGE, \$125; 2208 7th, Berkeley; owner and contractor, A. Ogilione 2200 7th.

REPAIR fire damage, \$475; 1764 Walnut; owner, Thos. Mahew, Prem.; contractor, W. K. Van Bokkelen, 439 23rd St., Oakland.

ALTERATIONS, \$200; 1731-39 Webster, Oakland; owner and contractor, S. R. Douglas, 1721 Webster.

SIGN, electric, \$175; 4252 Broadway, Oakland; owner, The Paraffine Co., Prem.; contractor, Radiant Neon Displays, 786 22nd St.

CALAVERAS COUNTY—BRIDGES CONSTRUCTED—(State)

CALAVERAS CO., Calif.—F. Kaus, 2726 E. Main St., Stockton, at \$41,679.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engr., Public Works Bldg., Sacramento, for construction of two concrete bridges; one across Haupt Creek, the other across North Fork of Calaveras River at points about four and seven and one-half miles east of Valley Springs, Calaveras County, Cal.

Work involves:
 (1) 1,400 c.y. struc. excav.;
 (2) 260,000 lbs. bar reinf. steel;
 (3) 187 c.y. class A portland cement concrete footing blocks;

- (4) 1,035 c.y. class A portland cement concrete structures;
 - (5) 47 c.y. class A portland cement concrete railing;
 - (6) 1,680 lbs. misc. iron and steel;
 - (7) 170 c.y. class A portland cement concrete slope pav. and cutoff walls;
 - (8) 1 lot misc. items of work.
- Total bids follow:
 (A) F. Kaus, 2726 E. Main Street, Stockton—\$41,679.50.
 (B) Valley Constr. Co., San Jose—\$43,621.25.
 (C) Campbell Constr. Co., Sacramento—\$49,296.70.
 (D) Williams Bros. & Haas, Inc., San

Francisco—\$52,056.80.
 (E) Chas. L. Harney, San Francisco—\$52,344.00.
 (F) Mountain Constr. Co., Sacramento—\$52,488.10.
 (G) S. A. Cummings, San Diego—\$52,890.50.
 (H) B. A. Harney & Co., San Francisco (by wire deduct 1 1/2 cents from Item 2)—\$58,274.00.
 (I) A. Soda & Son, Oakland—\$58,352.00.
 (J) J. S. Metzger & Sons, Los Angeles—\$59,791.00.
 (K) Palo Alto Roads Matls. Co., P. lo Alto—\$59,818.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$ 1.75	\$ 1.50	\$ 1.75	\$ 2.05	\$ 5.00	\$ 3.25	\$ 4.50	\$ 3.13	\$ 2.25	\$ 6.00	\$ 8.30
(2).....	.....	.045	.0475	.....	.051	.05	.0475	.....	.046	.046	.055
(3).....	15.00	16.00	13.50	18.40	17.00	13.00	10.50	12.00	20.00	15.00	17.00
(4).....	18.50	19.75	25.00	25.40	22.00	25.50	25.00	27.00	30.00	26.00	25.00
(5).....	55.00	50.00	56.00	54.00	45.00	57.00	50.00	60.00	50.00	60.00	33.00
(6).....	.....	.15	.10	.....	.20	.25	.17	.....	.20	.15	.20
(7).....	12.00	16.00	15.00	17.40	18.00	15.00	14.00	22.00	17.00	16.00	24.00
(8).....	700.00	500.00	550.00	365.00	8000.00	600.00	1000.00	1000.00	2700.00	1500.00	625.00

PLUMAS COUNTY—GRADING—(State)

PLUMAS CO., Calif.—Harms Bros., Susanville, at \$43,077.40, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.4 mi. grading between southerly boundary and Vinton, Plumas County, Calif.

Work involves:
 (1) 81 acres clearing and grubbing right of way;
 (2) 1,600 M. gals. water;
 (3) 113,000 c.y. roadway excavation, without classification;
 (4) 12,000 sta. yds. overhaul;
 (5) 820 c.y. struc. excav.;
 (6) 185 c.y. ditch and channel excavation;
 (7) 393 sta. finish roadway;

- (8) 15,600 c.y. import surf. matl.;
 - (9) 135 tons liq. asph., SC-2;
 - (10) 185 tons liq. asph., SC-4;
 - (11) 400 c.y. sand;
 - (12) 7.5 miles spread and process roadside cover;
 - (13) 1,600 lbs. bar reinf. steel;
 - (14) 55 c.y. class A portland cement concrete;
 - (15) 936 Lf. 18-in. CMP;
 - (16) 250 Lf. 24-in. CMP;
 - (17) 189 Lf. 42-in. CMP.
- Total bids follow:
 (A) Harms Bros., Susanville—\$43,077.40.
 (B) Fredericksen & Westbrook, Lower Lake—\$43,566.75.
 (C) Embleton & Schumacher Co., Albany—\$44,199.88.

(D) Isbell Constr. Co., Reno—\$44,700.00.
 (E) Claude C. Wood, Stockton—\$45,457.96.
 (F) M. J. Ruddy, Modesto—\$47,534.10.
 (G) Clifford A. Dunn, Klamath Falls, Oregon—\$47,876.00.
 (H) Geo. Pollock Co., Sacramento—\$49,436.75.
 (I) Mountain Constr. Co., Sacramento—\$52,366.00.
 (J) Chas. L. Harney, San Francisco—\$53,156.30.
 (K) Union Paving Co., San Francisco—\$55,739.00.
 (L) Geo. K. Thompson Co., Los Angeles—\$60,923.90.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$25.00	\$23.00	\$30.00	\$10.00	\$19.00	\$15.00	\$20.00	\$20.00	\$25.00	\$20.00	\$20.00	\$50.00
(2).....	1.50	1.15	1.00	1.00	1.25	1.50	1.50	1.75	1.25	1.00	2.00	1.00
(3).....	.....	.14	.13	.15	.16	.19	.1575	.18	.18	.16	1.96	.25
(4).....	.....	.01	.02	.01	.01	.01	.01	.01	.02	.01	.03	.005
(5).....	1.00	1.25	1.00	1.50	.75	.60	1.00	1.25	1.30	1.00	1.45	1.00
(6).....	1.00	1.25	1.00	1.00	.75	.60	.60	1.25	1.30	1.00	1.00	1.00
(7).....	4.00	3.50	3.00	5.00	4.00	5.00	5.00	7.00	5.00	10.00	7.00	10.00
(8).....	.....	.50	.58	.55	.40	.40	.55	.60	.45	.60	.63	.55
(9).....	15.00	15.50	15.00	18.50	14.68	12.40	19.00	18.00	21.00	26.00	20.00	13.75
(10).....	17.50	17.00	19.00	20.50	16.50	13.40	21.00	19.00	22.50	28.00	24.00	15.00
(11).....	1.50	1.75	1.50	1.00	2.00	1.10	1.25	2.50	2.00	1.40	3.00	2.00
(12).....	125.00	230.00	100.00	250.00	100.00	650.00	150.00	125.00	200.00	300.00	500.00	350.00
(13).....	.....	.08	.09	.06	.065	.06	.07	.08	1.0	.10	.06	1.0
(14).....	33.00	34.50	28.00	35.00	25.00	30.00	25.00	26.00	35.00	30.00	40.00	29.00
(15).....	1.90	2.00	2.08	2.25	1.90	2.00	2.00	2.00	2.00	1.80	2.25	1.90
(16).....	2.50	2.50	3.10	3.00	2.65	3.00	3.00	3.50	3.00	2.75	4.00	2.80
(17).....	6.50	6.00	6.80	6.00	6.00	6.00	7.00	7.00	7.25	6.50	7.50	6.25

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until June 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-378, for furnishing burlap, fire nails, strapping, paper wrapping, packing boxes and lumber; job Dock No. 3, Fort Mason, Cal.

FT. McDOWELL, Cal.—Until June 9, 2 P. M. (date postponed from June 6) bids will be received by the Quartermaster, Fort McDowell, under Bid No. 536-28-41, for furnishing one electrically driven extractor, one drying tumbler, Portland cement, sanding belts, blades, wire nails; job Ft. Mason.

Plans and specifications may be obtained from Quartermaster Supply Officer, San Francisco General Depot, Fort Mason.

FORT MASON, Cal.—Until June 8, 2:00 p. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-379, for furnishing two metallic lifeboats; f.o.b. shipping point and/or Fort Mason, Cal.

FORT MASON, Calif.—Until June 9, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-384, for chain cushions and casters; job Fort Mason.

FORT MASON, Cal.—Until June 8, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-385, for furnishing 3,000 yds. burlap and wrapping paper; job Fort Mason, San Francisco, Cal.

SAN FRANCISCO.—Bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and equipment, as follows:
job Pier, San Francisco.

BID NO. 868-38-167 Folding cots and hospital beds; fob S. F. Water-front;

BID NO. 868-38-168 Douglas fir plywood; job Pier, S. F.

FORT McDOWELL, Calif.—Until June 6, 2 P. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. 536-28-42, for furnishing steel pipe, copper bearing steel pipe, valves, tees and elbows; job Pier No. 1, Fort Mason, San Francisco.

SACRAMENTO, Calif.—Until June 4, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 98, Post Office Bldg., Sacramento, under Bid No. 1105-58-278, for furnishing conduit, condulets, locknuts, effectors and copper wire; job Rio Vista.

FORT MASON, Cal.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco,

for furnishing supplies and materials, as follows:

JUNE 14, 10 A. M.:
BID NO. 928-38-386: Misc. parts for Fulton Diesel engine; denatured alcohol, enamel, paint and varnish; job Dock No. 3, Fort Mason.

JUNE 14, 2 P. M.:
BID NO. 928-38-387: Strapping and wrapping paper; job Warehouse No. 3, Fort Mason.

JUNE 15, 10 A. M.:
BID NO. 928-38-389: Friction and rubber tape; job Motor Warehouse No. 6, Presidio of S. F.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until June 10, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 2025, for furnishing lumber for the school department. Specifications obtainable from above office.

SAN FRANCISCO.—Until June 13, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 2024, for furnishing science supplies for the school department.
Plans and specifications available at above office.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 13, 2 p. m., bids will be received by the Los Angeles Water & Power Purchasing Agent for distribution station transformers, as follows:

- (1) Six 3333-kva, single phase, 60 cycle, step-down outdoor 34,500 v to 2509/5018 v, oil-immersed, self cooled;
- (2) Six 5000-kva same.

Spec. 2644.

RECLAMATION BUREAU

DENVER, Colo.—Until June 6, 2 p. m., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. A-22,350-A, for insulators, suspension hooks, and clamps; f.o.b. shipping point and/or Cheyenne, Wyo.

CANAL ZONE

PANAMA CANAL.—Until June 10, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sch. 3357, for furnishing misc. supplies and materials, including:

Cast-iron locomotive wheels, structural steel shapes, plate steel, bar steel, cast-iron pipe, steel pipe, lead pipe, pipe fittings, cast-iron pipe flanges, metal valves, ball cocks, lavatories, sinks, laundry trays, water-closet bowls, motor-driven grindstone, motor-driven tool grinder, brushes, mops, and paper; f.o.b. Cristobal and/or Balboa, Canal Zone.

Plans and specifications may be obtained from the above office and from the Assisting Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Oakland, for furnishing supplies and

Supply Officer, Government Island, materials, as follows:

June 6, 2:00 P. M.
BID NO. 5736—1000 rolls $\frac{1}{2}$ -in. friction tape; f.o.b. Government Island.

BID NO. 5739—15,000 ft. No. 17 copper-clad telephone wire; f.o.b. Government Island.

BID NO. 5751— Structural Douglas fir lumber for Trail Bridges; job Placerville, Cal.

BID NO. 5745— Linoleum paste; f.o.b. Government Island.

June 7, 2:00 P. M.
BID NO. 5750—160 ft. continuous girder span, including all structural steel bolts for field connections, bolts for superstructures, and all misc. steel necessary for the erection of Alder Creek Bridge; f.o.b. Placerville, Cal.

BID NO. 5752—40-ft. steel spans, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel for No. 2, No. 3 and No. 4 Gulch Crossings; f.o.b. Red Bluff, Cal.
BID NO. 5753—160-ft. and 49-ft. steel spans, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel for the erection of Layman's Crossing Bridge; f.o.b. Blairsden, Cal.

SAN FRANCISCO.—Bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, for furnishing equipment, as follows:

June 6, 2:00 P. M.
BID NO. 1237—One electric powered combination circular saw, jointer, bandsaw, lathe, shaper and mortiser, complete; f.o.b. shipping point and/or Placerville, Cal.

June 7, 2:00 P. M.
BID NO. 1241—One heating system, including oil burner, radiators and pressure tank; f.o.b. shipping point and/or Loyalton, Cal.

June 8, 2:00 P. M.
BID NO. 1240—Four single-drum hoists for attachment to and operation with Cletrac "55" tractors, complete; f.o.b. shipping point and/or Pacsteel, Government Island, Oakland.

June 10, 2:00 P. M.
BID NO. 1239—Removing Caterpillar "50" from Fern Canyon Dam, Los Angeles County, onto road and transporting to Forest Service Shops, Glendale, Cal.

SAN FRANCISCO.—Bids will be received by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, for furnishing equipment, as follows:

June 8, 2:00 P. M.
BID NO. 1244—Furnace complete, including warm air pipes and fittings, cold air return pipes, vent pipe, registers, register bolts, boxes and cold air return grills; f.o.b. shipping point and/or Alturas, Cal.

June 9, 2:00 P. M.
BID NO. 1245—Sectional boiler complete, including 1 oil burner, 3 hot water type radiators, and 1 pressure tank; f.o.b. shipping point and/or Dunsuir, Cal.

PAID

San Francisco, Calif.
Permit No. 3064

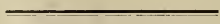
Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Asks Bids on Eight
Highway Projects

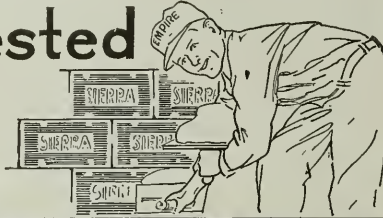
♦ ♦ ♦

Harney Bids \$38,330 on Butte Contract

♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JUNE 11, 1938

No. 24

State Invites Proposals on Six Northern, Two Southern Contracts; Bids June 29-30

SACRAMENTO, June 7.—Renewed highway construction activity in California loomed today as the State Highway Commission authorized calling for bids on eight highway and bridge construction jobs in as many counties.

The lion's share of the new highway work went to Northern California with bids on six of the eight jobs scheduled to be opened in Sacramento, and proposals on the remaining two in Los Angeles.

Bids will be opened in Sacramento, June 29, and in Los Angeles, June 30.

Bids were called on the following Northern California projects:

Alturas Bridge

MODOC COUNTY: construction of a reinforced concrete slab bridge across the north fork of Pit River in the City of Alturas, consisting of one 45-foot span and two 15-foot cantilever spans on concrete piles.

SONOMA COUNTY: 2.4 miles grading and surfacing with plant-mix between 1.5 miles southeast of Sebastopol and 3.9 miles southeast of Sebastopol.

SANTA BARBARA COUNTY: 3.9 miles of grading and plant-mix surfacing between Guadalupe and Santa Maria.

SHASTA, LASSEN and MODOC COUNTIES: work on 33.4 miles in various locations.

MENDOCINO COUNTY: 7 miles plant-mix surfacing of county and the southerly boundary of county and Hopland.

INYO COUNTY: construction of a steel beam and reinforced concrete deck bridge and 0.8 mile of grading and surfacing near Camp Sabrina.

Bids were called on the following Southern California jobs:

LOS ANGELES CO.: about 0.9 mile grading and paving with asphaltic concrete, portland cement concrete, and plant-mixed surfacing between Pasadena and 22nd avenues.

LOS ANGELES: about 0.8 mile to be graded and paved with portland cement concrete, asphaltic concrete and plant-mixed surfacing between Fair Oaks avenue in South Pasadena and Glenarm street in Pasadena.

HARNEY SUBMITS LOWEST BID ON BUTTE GRADING

Perham Low on San Luis Obispo Bridges, Multi-Plate Culvert

SACRAMENTO, June 8.—Chas. L. Harney, 443 Call building, San Francisco, today submitted the lowest of eight bids to the State Division of Highways for constructing four and six-tenths miles of graded roadbed in Butte county.

Amount of Harney's low proposal was \$38,330, Fredericksen & Westbrook, Lower Lake, submitted a second low bid of \$43,570.

E. G. Perham, Los Angeles, was low bidder at \$21,616 for construction of two timber bridges and a corrugated multi-plate culvert in San Luis Obispo county. Robert B. McNair, Oakland, was second low bidder at \$24,239.

Total bids for the work were as follows:

Charles L. Harney.....	\$38,330
Fredericksen & Westbrook..	43,570
C. C. Wood, Stockton.....	44,610
M. J. Ruddy, Modesto.....	45,771
Geo. K. Thompson, L. A.....	49,061
Henstreet & Bell, Marysville	50,865
Johnston Rock Co., Inc.,	
Stockton	62,635
Ralph A. Bell, Monrovia.....	79,955

Roadmix Surfacing

In addition to the bridges and culvert, the work in San Luis Obispo county involves grading and roadmix surfacing on about three-tenths of a mile between Summit and three miles south of Paso Robles.

Total bids for this contract were as follows:

E. G. Perham.....	\$21,616
Robert B. McNair.....	24,239
Franzini and Friedenburg,	
San Rafael	26,020
Granite Const. Co., Ltd.,	
Watsonville	26,594
S. A. Cummings, San Diego	27,706
L. A. Briscoe, Arroyo	
Grande	27,914
Rexroth & Rexroth, Bakersfield	28,784
R. R. Bishop, Long Beach.....	29,040
A. H. Seimer and John Carcano, San Anselmo.....	31,332

DAM FIRM FILES INCORPORATION

SACRAMENTO, June 7.—Pacific Constructors, Inc., the syndicate which last week submitted a low bid of \$35,969,450 to the U. S. Bureau of Reclamation for construction of Shasta Dam and power plant, yesterday filed incorporation papers with Secretary of State Frank C. Jordan.

Signing as incorporators were L. H. Herman, Walter Lenz and B. R. Jones. Organized as a Delaware corporation authorized to issue 3000 shares of no-par-value stock, the firm listed J. C. Maguire of Los Angeles, as business agent. W. A. Johnson, head of American Concrete & Steel Pipe Co., is president.

Main, Track Repair Bids Asked by City

The San Francisco Public Utilities Commission yesterday issued three calls for bids to be opened June 21, 22 and 23 for alterations to the service and main switchboard at City Hall, laying of mains in Merced Manor Subdivision, and reconstructing Judah street tracks of the Municipal Railway between Eighteenth and Nineteenth aves., respectively.

Reconstruction of the Judah St. tracks will be carried on concurrently with the widening and reconstruction of Nineteenth avenue between Lincoln Way and Lawton street, for which bids have been called by the Department of Public Works.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	Offices
2.—Bonds	11.—Ice and Cold Storage Plants
3.—Churches	12.—Power Plants
4.—Factories and Warehouses	13.—Public Buildings, Fire Houses and Jails
5.—Flats	14.—Residences
6.—Garages and Service Stations	15.—Schools
7.—Federal Buildings	16.—Banks, Stores and
8.—Club Buildings	17.—Theatres
9.—Hospitals	18.—Wharves & Docks
10.—Hotels	19.—Misc. Const.
	20.—Misc. Supplies &

1—APARTMENTS

Contract Awarded
APARTMENTS Cost, \$15,000
SAN FRANCISCO. N. 20th St., 205 ft E of Valencia St.

Two-story frame apartment house (four 4-room apts.).

Owner—May H. and Anne A. Coughlan, 3660 20th St.

Architect—H. C. Baumann, 251 Kearny St.

Contractor—M. E. Vukicevich, 666 Mission St.

To Be Done By Day's Work
APARTMENT HOUSE Cost, \$60,000
SACRAMENTO, Calif.

Two-story frame apartment house to contain 22 apartments and penthouse.

Owner—E. M. and W. P. Wright.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—C. C. Ruby, 4800 T St., Sacramento.

Bids In—Held Under Advertisment.
APARTMENTS Cost, \$.....
SAN FRANCISCO. Sutter St. near Gough Street.

Construction of apartment house.

Owner—Withheld.
Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francis Drake Hotel.

4— FACTORIES & WAREHOUSES

Site Selected
BOTTLING PLANT Cost, \$.....
OAKLAND, Alameda Co., Cal. Square bounded by Cypress St., 13th, 14th and Kirkham Streets.

Construction of proposed new bottling plant.

Owner—The Cola Cola Bottling Co. of Calif., 3545 E 14th St., Oakland
Architect—Not Selected.

Contract Awarded
WAREHOUSE & OFFICE Cont. Fr., \$9,693
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete building (40 x 80 ft.), to contain coolers, offices and storage space; cork insulation, composition roof, concrete floors, etc.

Owner—Challenge Cream & Butter Association.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Wm. D. Rapp, 517-A 4th St., Santa Rosa.

Contract Awarded
ALTERATIONS, & ADDITIONS Estimated Cost, 9,000
OAKLAND, Alameda Co., Calif. 9658 Thermal Street.

Addition of classroom and alterations to heating system.

Owner—Church of Jesus Christ of Latter Day Saints.

Architect—Theo. Ruegg, 251 Kearny St., San Francisco.

Contractor—J. R. Johnston, 2006 89th Ave., Oakland.

5— FLATS

Plans Being Figured
DUPLEX FLATS Est. Cost, \$14,000
SAN FRANCISCO. NW Greenwich and Leavenworth Sts.

Two-story frame and stucco duplex flats (12 rooms); gas-steam hfg. plant, tile showers with doors, hardwood floors, tile kitchens and baths, composition roof, steel and wood sash, etc.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

No definite bid opening date yet set.

Plans Being Figured
FLATS Est. Cost, \$8,000
SAN FRANCISCO. Greenwich and Leavenworth Sts.

Two-story flats (6 and 7 rooms), tile showers and baths, hardwood floors, wood and steel sash, composition roof, garages.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

No definite bid opening date yet set.

June 8, 1938.
Plans Being Figured—Bids Close on June 15, Noon

FLATS Est. Cost, \$8,000
SAN FRANCISCO. Greenwich and Leavenworth Sts.

Two-story flats (6 and 7 rooms), tile showers and baths, hardwood floors, wood and steel sash, composition roof, garages.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

Following contractors are figuring plans:

Mager Bros. & Son, 1359 Fourth Ave.

Carlen Constr. Co., 147 10th St.
Peter Sartorio, 369 Pine St.
Roy Gallier, 2129 18th Ave.

Plans Being Figured—Bids Close on June 15, Noon

DUPLEX FLATS Est. Cost, \$14,000
SAN FRANCISCO. NW Greenwich and Leavenworth Sts.

Two-story frame and stucco duplex flats (12 rooms); gas-steam hfg. plant, tile showers with doors, hardwood floors, tile kitchens and baths, composition roof, steel and wood sash, etc.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

Following contractors are figuring plans:

Mager Bros. & Son, 1359 Fourth Ave., San Francisco.

Carlen Constr. Co., 147 10th St., San Francisco.

Peter Sartorio, 369 Pine St.
Roy Gallier, 2129 18th Ave.

6— GARAGES & SERVICE STATIONS

PLANNED
LOS ANGELES, Calif.—Louis R. Lurie, 333 Montgomery Street, San Francisco, has purchased property just south of the Mayflower Hotel on Grand Ave., betw. 5th and 6th Sts., Los Angeles, where he proposes to erect a 6-story and basement Class A garage building, 63x135 feet in area. Gerald E. Arbuckle, 510 South Kenmore Ave., Los Angeles, will be the lessee. A two-story garage now on the site will be wrecked. * 6

Contract Awarded
STAGE TERMINAL Cost, \$.....
PORTLAND, Ore. SW 6th and Taylor Sts.

Two-story Class C reinforced concrete stage terminal.

Owner—Union Stage Terminal Co.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland, and W. D. Peugh, 333 Montgomery St., San Francisco.

Contractor—L. H. Hoffman, 715 SW Columbia St., Portland. * 6

7— FEDERAL BUILDINGS

COMPLETE BIDS
ARIZONA.—E. C. Nickel, Arcadia, Calif., at \$103,000, submitted low bid to the U. S. Dept. of Agriculture, G. M. Schumaker, Area Constr. Engr., Room 2, National Bank Bldg., Tempe, Ariz., for a transient labor camp to be built near the Agua Fria River, west of Phoenix; Spec. FSAC-27. The camp will have 300 platforms for either canvas or sheet metal houses, administration building, sewage facilities and electric and water distribution lines.
Complete bids were:

	Item 1	Item 2
E. C. Nickel, Arcadia	\$103,000.00	\$180.00
P. W. Womack, Phoenix	103,293.00	136.00
Phoenix-Tempe Stone, Tempe	104,617.50	395.00
Bobo-Springfield Co., Phoenix	104,900.00	300.00
H. R. Meadows, Phoenix	108,787.00	262.00
M. N. Golden, San Diego	115,500.00	250.00
Del Webb Constr. Co., Phoenix	120,222.48	175.00
W. P. Neil, L. A.	123,000.00	150.00
Wesco Constr. Co., Los Angeles	121,600.00	200.00
Fred J. Early, Jr., San Francisco	115,327.00	100.00
Ninson & Pringle, Phoenix	116,888.00	300.00
Eser Wilkholm Const. Co., L.A.	117,000.00	200.00
Clinton Campbell, Phoenix	117,505.00	375.00
V. K. McGinty, Phoenix	126,297.00	300.00
Fred F. Greenfield, Los Angeles	129,897.00	150.00
William Peper, Phoenix	121,500.00	350.00

(130) 1st report Apr. 27; 4th, June 7, 1938. * 7

BIDS WANTED
KETCHIKAN, Alaska.—Until July 29, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for sheet steel piling retaining wall

and bulkhead at the U. S. Post Office, Custom House and Court House, etc., at Ketchikan, Alaska.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Ketchikan. * 7

Bids Wanted—To Close July 19, P. M.

PARCEL POST BLDG. Cost \$2,600,000. LOS ANGELES, Calif. NE Corner Alameda and Macy Streets. Two-story structural steel and reinforced concrete U. S. Parcel Post Building.

Owner—U. S. Government. Plans by the Supervising Architect, Treasury Dept., Washington, D. C. Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.; no deposit required. (901) 1st report June 8, 1938. * 7

BIDS WANTED

SONOMA COUNTY, Calif.—Until June 21, 2 P. M., bids will be received by the U. S. Dept. of Agriculture, Farm Security Administration, Room 418, Wells-Fargo Bldg., 55 Second St., San Francisco, for construction, complete, of the Community Buildings and Facilities at the Sonoma Unit of the California Migratory Labor Camps Project nr. Healdsburg, Sonoma County. Spec. SAC-51.

In general, the work called for shall be the complete construction of the following: one central utility building, one assembly platform and urseury, one gate house and garage, one isolation unit, one farm labor home, type "B", one incinerator, one 0-ft. tower and 15,000-gal. water tank, 19 privies, garbage-collecting units, domestic water supply sewage layout, electrical distribution system, road layout, staking plan. As previously reported, plans and specifications may be obtained from the above office upon deposit of \$25, returnable. (848) 1st report June 7; 2nd, June 8, 1938. * 7

BIDS WANTED

SPOKANE, Wash.—Until June 17 bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting and miscellaneous repairs at the U. S. P. O. and Courthouse at Spokane. * 7

BIDS WANTED

OLYMPIA, Wash.—Until June 24, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting masonry and plaster, floor repairs, etc., and miscellaneous repairs at the U. S. P. O. at Olympia. Specifications obtainable from the above office and from the Custodian of the building at Olympia. * 7

BIDS WANTED

SACRAMENTO, Calif.—Until June 4, 3 p.m., bids will be received by the Social Security Board, Room 212, 19 K Street, Sacramento, for the removal of and addition of certain partitions, installing of lighting fixtures and outlets and painting of new partitions and redecorating of existing walls, ceilings and wood-work located on first floors of the Old Post Office Bldg., Sacramento.

BIDS WANTED

KETCHIKAN, Alaska.—Until June 28 bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of retaining wall and bulkheads at the U. S. P. O. at Ketchikan. * 7

Bids Wanted—To Close June 19 POST OFFICE ANNEX

Est. Cost, \$2,600,000. LOS ANGELES, Calif. Construction of Terminal Post Office Annex.

Owner—U. S. Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

BIDS OPENED

NEWBERG, Ore.—Henry L. Grohne Decatur, Ill., at \$1,440 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for flashing and caulking of parapet walls and windows at the U. S. P. O. at Newberg, Ore.

Other bids were: Viesko & Hanneman, Salem..... \$1,972 Portland Roofing & Waterproofing Co., Portland..... 2,252 * 7

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until June 14 bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting and wood floors at the U. S. P. O. at Alameda. * 7

BIDS WANTED

SACRAMENTO, Calif.—Until June 23, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new sewage ejectors at the U. S. P. O. and Courthouse at Sacramento. * 7

CONTRACT AWARDED

SAN DIEGO, Cal.—M. H. Golden, Bank of America Bldg., San Diego, at \$12,052 (all schedules) awarded contract by the U. S. Department of Commerce, Division of Purchases & Sales, Washington, D. C., for erection of steel tower antenna system and radio facility building at San Diego. * 7

BIDS WANTED

LUALUALEI, T. H.—As previously reported, until June 22, 2:30 p.m., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., and until June 22, 9 a.m., at the office of the Public Works Officer, 14th Naval District, Pearl Harbor, T. H., and simultaneously opened at both places for corona shields of bronze tubing and alterations to tower tops at the Naval Radio Sta., Lualualei, Oahu, T. H.; Spec. 5568; estimated cost, \$46,500.

Plans and specifications may be obtained on application to the Bureau or to the Commandant, 14th Naval District, Pearl Harbor, T. H., or the Commandant, Twelfth Naval District, Federal Office Building, Civic Center, San Francisco, Calif., upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. (101) 1st report June 2, 1938. * 7

BIDS WANTED

SAN DIEGO, Cal.—Until June 21, 11 a.m., bids will be received by the 11th Naval District, Public Works Officer, foot of Broadway, San Diego, for acoustical tile on ceilings in barracks and combined mess hall-galley-barracks building at the Naval Operating Base (Air Station), San Diego. Spec. 8720.

Work includes in general the furnishing and installing of approximately 39,000 sq. ft. of acoustical tile on existing concrete ceilings, which tile shall be of a type that will permit painting the surface with lead and oil paint without reducing its noise coefficient values.

Bidding data obtainable from the Public Works Officer upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks. * 7

BIDS OPENED

SAN DIEGO, Cal.—Commercial Refrigeration Distributors, 756 State St., San Diego, at \$685, submitted low bid to the 11th Naval District, Public Works Officer, San Diego, for insulation of cold storage room and relocating existing refrigerating equipment at the Naval Operating Base (Marine Corps Rifle Range), San Diego. Spec. 8735.

Other bids were: West Coast Gas Engine Co., San Diego, \$784. Kohlenberger Engineering Corp., Fullerton, \$850. * 7

CONTRACTS AWARDED

RED BLUFF, Calif., and PORTLAND, Oregon.—William C. Schmitt, Portland, at \$7,210 on first schedule (Red Bluff); West Coast Const. Co., Seattle, at \$3,345 on second schedule (Red Bluff); Contracting Sales Co., Inc., Portland, at \$6,929 on third schedule (Portland); and Roy E. Smith, Portland, at \$3,345 on fourth schedule (Portland) awarded contracts by the Division of Purchases and Sales, Dept. of Commerce, Washington, D. C., for loop antenna systems and radio facility buildings at Red Bluff, Tehama Co., Calif., and at Portland, Ore. Pro. 29131.

LOW BIDDERS

FORT JONES and Los Angeles.—Henry L. Grohne Decatur, Ill., at \$9,734 on first and second schedules, and Western Steel Erecting Co., Los Angeles, at \$7,330 on third and fourth schedules, submitted low bids to the Division of Purchases and Sales, Dept. of Commerce, Washington, D. C., for erection of steel tower antenna system and radio facility bldg. near Ft. Jones, Siskiyou County, and Los Angeles. Pro. No. 29157.

BIDS WANTED

NOGALES, Ariz.—Until June 21, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for plumbing repairs at the Immigration Station, Nogales. * 7

LOW BIDDER

PEARL HARBOR, T. H.—Ralph E. Wooley, Honolulu, at \$64,450, submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for additions to Bachelor Officers' Quarters, Fleet Air Base, Pearl Harbor; Spec. 8714.

BIDS OPENED

SAN FRANCISCO.—F. W. Spencer & Son, 2529 Anza St., San Francisco, at \$3,350, submitted low bid to the Custodian of the Building, for renewing downspouts at the U. S. Post Office and Courthouse, Mission and Seventh Sts., San Francisco.

Complete bids follow: F. W. Spencer & Son, 2529 Anza St., S. F.—\$3,350.00. Scott Co., Inc., S. F.—\$3,637. O'Mara & Stewart, Ltd., S. —\$4,525. M. Desiano, S. F.—\$5,773.

BIDS WANTED

FORT MASON, Cal.—Until June 13, 10 a.m., new bids will be received by the War Dept. Office of the Port Quartermaster, Fort Mason, for installing four new steel rolling doors on old portion of Pier Shed No. 2 (Bldg. No. 47), Fort Mason. Bids previously received June 1 were rejected as too high.

BIDS WANTED

VENTURA, Calif.—Until June 29 bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for chain link fence at the U. S. P. O. at Ventura. 7

BIDS WANTED

SONOMA COUNTY, Calif.—Until June 21, 2 P. M., bids will be received by the U. S. Dept. of Agriculture, Farm Security Administration, Room 418, Wells-Fargo Bldg., 85 Second St., San Francisco, for construction, complete, of the Community Buildings and Facilities at the Sonoma Unit of the California Migratory Labor Camps Project, near Healdsburg, in Sonoma County. Spec. FSAC-51.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable.

CONTRACT AWARDED

RENO, Nev.—Alta Roofing Co., 976 Indiana St., San Francisco, at \$1,166 awarded contract by the Supervising Supt. of Const., Veterans' Administration Facility, Palo Alto, Calif., for roofing and sheet metal work, Treatment Bldg. No. 1, at Veterans' Administration Facility, Reno. Work will include built-up roofing, copper roofing, plastic flashing, metal flashing, ventilators, downspouts, etc.

BIDS OPENED

FLAGSTAFF, Ariz.—Robt. E. L. Majors, 208 N. Stanton St., El Paso, Texas, at \$932, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Flagstaff. Complete bids follow:

Robt. E. L. Majors, El Paso, Tex., \$932.00.

Walter J. Gamel Decorating Co., Denver, Colo., \$937.00.

Nick Hemminga, San Francisco, Calif., \$1500.

Henry L. Grohne, Decatur, Ill., \$1,778.00.

Lewis Bros., Phoenix, Ariz., \$1940.
Adams Painting Co., Oak Park, Ill., \$2000. 7

LOW BIDDERS

ARIZONA—E. C. Nickel, Arcadia, Calif., at \$103,000, submitted low bid to the U. S. Dept. of Agriculture, G. M. Schumaker, Area Const. Engr., Room 2, National Bank Bldg., Tempe, Ariz., for a transient labor camp to be built near the Agua Fria River, west of Phoenix; spec. FSAC-27. The camp will have 300 platforms for either canvas or sheet metal houses, administration building, sewage facilities and electric and water distribution lines.

Four low bids were:
E. C. Nickel, Arcadia, Cal., \$103,000.
P. W. Womack Constr. Co., Phoenix, Ariz., \$103,293.

Phoenix-Temp Stone Co., Phoenix, Ariz., \$104,617.50.

Bobo-Springfield Const. Co., Phoenix, Ariz., \$104,900.

BIDS WANTED

SONOMA, Cal.—Until June 21, 2 p.m., bids will be received by the Farm Security Administration, Rm. 418, Wells Fargo Bldg., 85 Second St., San Francisco, for construction of the Sonoma Unit of the California Migratory Labor Camps Project, in Sonoma, Calif. 7

BIDS OPENED

FORT JONES and Los Angeles.—Henry L. Grohne, Decatur, Ill., at \$9,734 on first and second schedules, and Western Steel Erecting Co., Los

Angeles, at \$7,330 on third and fourth schedules, submitted low bids to the Division of Purchases & Sales, Department of Commerce, Washington, D. C., for erection of steel tower antenna system and radio facility bldg. near Ft. Jones, Siskiyou County, and Los Angeles. Pro. No. 29157.

Total bids on following schedules follow: (1) Tower, fence, driveway, etc., for Ft. Jones; (2) Building for Ft. Jones; (3) Tower, fence, driveway, etc., for Los Angeles; (4) Bldg. for Los Angeles:

Henry L. Grohne, Decatur, Ill., (1) \$8,325; (2) \$1,409; (1 and 2) \$9,734; (3) \$8,247; (4) \$1,409; (3 and 4) \$9,656.

Western Steel Erecting Co., Los Angeles: (1) \$8,789; (2) \$1,592; (1 and 2) \$10,381; (3) \$6,418; (4) \$912.25 (3 and 4) \$7,330.

H. O. Bauerle, Los Angeles: (1) \$8,492; (2) \$1,712; (1 and 2) \$10,204; (3) \$6,736; (4) \$1,239; (3 and 4) \$7,975.

M. H. Golden, San Diego: (1) \$8,428; (2) \$1,637; (1 and 2) \$10,065; (3) \$7,928; (4) \$1,537; (3 and 4) \$9,465.

M. E. Southern, St. Paul, Minn.: (1) \$8,735; (2) \$1,239; (1 and 2) \$9,974; (3) \$8,725; (4) 1,239; (3 and 4) \$9,964.

Wickes Engr. & Const. Co., Des Moines, Iowa: (1) \$8,977; (2) \$1,621; (1 and 2) \$10,598; (3) \$8,492; (4) \$1,399; (3 and 4) \$9,891.

Yarborough Const. Co., Austin, Texas: (1) \$10,350; (2) \$2,516; (1 and 2) \$12,866; (3) \$10,595; (4) \$2,516; (3 and 4) \$13,111.

James Leck Co., Minneapolis, Minn.: (1) \$1,811; (2) \$1,596; (1 and 2) \$13,607; (3) \$9,776; (4) \$1,716; (3 and 4) \$11,492.

Oscar L. Jackson, San Bernardino: (3) \$7,886; (4) \$1,472; (3 and 4) \$9,358.

Yarborough Const. Co. will deduct \$400 if awarded all schedules.

CONTRACT AWARDED

SAN DIEGO, Cal.—Commercial Refrigeration Distributors, 756 State St., San Diego, at \$685, awarded contract by the 11th Naval District, Public Works Officer, San Diego, for insulation of cold storage room and relocating the existing refrigerating equipment at the Naval Operating Base (Marine Corps Rifle Range), San Diego; Spec. 8735. 7

BIDS OPENED

TUCSON, Ariz.—Raisler Corp., 929 Amsterdam Ave., New York City, at \$149,700 submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for air conditioning of the U. S. P. O. and Court House at Tucson, Ariz.

Other bids were:
R. E. McKee, El Paso, Tex., \$151,700
M. M. Sundt Const. Co., Tucson, Ariz., 154,825 7

BID OPENED

HOLLISTER, San Benito Co., Cal.—John A. Campbell, Hollister, at \$95, submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for varnishing exterior woodwork at the U. S. Post Office at Hollister. 7

BIDS WANTED

SAN DIEGO, Cal.—Until June 30, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for glazed counter screens at the U. S. Post Office at San Diego. 7

BIDS OPENED

SAN PEDRO, Cal.—Walter H. Barber, P. O. Box 1523, San Diego, at \$1,850 submitted low bid to the 11th Naval District Public Works Officer, foot of Broadway, San Diego, for

door, window and transom screens for bachelor officers' quarters, barracks, and mess hall-galley building at the 11th Naval District, Fleet Air Base, San Pedro; Spec. 8746.

Other bids were:
Andy Sordal, Long Beach, \$1,870.
Automatic Tension Screen Co., Inc., Los Angeles, \$1,985. 7

BIDS WANTED

COLVILLE, Wash.—Until June 28, bids will be received by the Procurement Division, Public Building Branch, Washington, D. C., for remodeling basement at the U. S. Post Office at Colville. 7

BIDS WANTED

HOLLISTER, San Benito Co., Cal.—Until June 17, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for roof repairs at the U. S. P. O. at Hollister. 7

COMPLETE BIDS

MEDFORD and Arlington, Ore.—Dixie Electric Const. Co., Baker, Ore., submitted low bids on Schedules 2 and 3 at \$7,853.50, and Schedules 3 and 4 at \$8,360.50 to the Division of Purchases and Sales, Department of Commerce, Washington, D. C., for erection of steel tower antenna systems and radio facility buildings near Medford and Arlington, Ore. Prop. 29167.

Complete bids submitted on following schedules: (1) Medford, towers; (2) Medford, building; (3) Arlington, towers; (4) Arlington, bldg.

Dixie Electric Const. Co., Baker, Ore., (1) \$5,543; (2) \$1,320; (1 and 2) \$7,853; (3) \$7,040; (4) \$1,320; (3 and 4) \$8,360.

Wm. C. Schmitt, Portland, (1) \$7,092; (2) \$1,698; (1 and 2) \$8,790; \$9,765; (4) \$1,820; (3 and 4) \$11,585.

Contracting & Sales Co., Portland, (1) \$7,221; (2) \$1,706; (1 and 2) \$8,927

\$7,594; (4) \$1,676; (3 and 4) \$9,270.
Viesko & Hannaman, Salem, Ore., (1) \$7,236; (2) \$1,985; (1 and 2) \$9,321; (3) \$7,648; (4) \$1,985; (3 and 4) \$9,634.

E. N. Marhofer, Chicago, (1) \$8,646; (2) \$2,121; (1 and 2) \$10,767; (3) \$9,404; (4) \$2,145; (3 and 4) \$11,549.

James Leck Co., Minneapolis, Minn., (1) \$9,735; (2) \$1,759; (1 and 2) \$13,494; (3) \$10,553; (4) \$1,786; (3 and 4) \$12,639.

Wickes Engr. & Const. Co., Des Moines, Iowa, (1) \$7,554; (2) \$1,526; (1 and 2) \$9,050; (3) \$8,197 (4) \$1,526 (3 and 4) \$9,723.

George Isackson Co., Portland, (1) \$7,556; (2) \$1,692; (1 and 2) \$9,249; (3) \$9,084; (4) 1,885; (3 and 4) \$10,969.

The Yarborough Const. Co., Austin, Texas, (1) \$10,005; (2) \$2,940; (1 and 2) \$12,945; (3) \$10,695; (4) \$2,940; (3 and 4) \$13,635.

Charles Dahlgren, Seattle, (3) \$7,367; (4) \$2,267; (3 and 4) \$9,634.

Contracting Sales Co. will deduct \$1000 if awarded all schedules.

The Yarborough Const. Co. will deduct \$350 if awarded all schedules.

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at \$237,732 submitted low bid to the Constructing Quartermaster, Sacramento Air Depot, for the construction of Engine Test Building at the Air Depot.

Bids received as follows:
(1) Construct and complete engine test building, including the utilities thereto, but exclusive of the following (a) hydraulic lifts, pits, drains and other necessary items to a com-

plete hydraulic lift installation;
 (2) deleted;
 (3) add to item 1 of the hydraulic lifts together with pits, drains and other items necessary to complete hydraulic lift installation as specified and as shown on drawings are furnished and installed;

(4) add or deduct from item 1 if metal partitions industrial type are omitted and asbestos board partitions are substituted therefor;

(5) add or deduct from item 1 if all items of sheet copper specified under roofing and sheet metal do not include 12-oz. copper for expansion joint bellows and flat and C asbestos protected metal roofing and siding and sheet lead for copings are omitted and lead coated sheet steel as required under lead coated metal is substituted therefor;

(6) unit prices: (a) earth excavation; (b) rock excavation; (c) type A concrete including forms; (c1) if Portland cement is furnished by the Govt.; (d) type B concrete including forms (d1) if Portland cement is furnished by Govt.; (e) type C concrete including forms; (e1) if Portland cement is furnished by Govt.; (f) reinforcing steel, per ton.

Bids follow:

A) MacDonald & Kahn Co., Ltd., San Francisco: (1) \$237,732; (3) \$5000; (4); (5) \$2,000; (6a) +\$22-\$60; (b) +\$5-\$1,300; (c) +\$22-\$0-\$9.00; (d) +\$22.00-\$9.00; (e) +\$23-\$10; (f) +\$130-\$70.

(B) Eaton & Smith, San Francisco: (1) 247,000; (3) \$6,450; (4) \$1,000; (5) \$500 (6a) \$2.00; (b) \$5.00; (c) \$17.50; (d) \$22.00; (e) \$23.00; (f) \$100.

C) Holdener Const. Co., Sacramento: (1) \$307,000; (3) \$6,000; (4) \$150; (5) \$250; (6a) \$16.00; (b) \$5.00; (c) \$12.00; (d) \$15.00; (e) \$17.00; (f) \$110.00.

* (D) Schuler & McDonald, Inc., Oakland: (1) \$347,000; (3) \$5,750; (4) \$3,121; (5) \$1,395; (6a) (+) \$45, \$135, \$250; (b) +\$15-\$11.70 (c) \$15; (d) +\$15.50-\$12.10; (e) +\$15.30-\$12.05; (f) \$110.00.

* Eaton & Smith will deduct \$35,000 for substitution of acoustical materials.

* Schuler & McDonald will deduct 17,300 for substitution of acoustical materials.

(+) shovel, hand, rock.
 A) begin in five, finish in 450 days.
 B) begin in 10, finish in 400 days.
 C) begin in 15, finish in 380 days.
 C) begin in 15, finish in 450 days.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Ralph E. Wootley, Honolulu, at \$64,450 under items 1, 4 and 6 awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for additions to Bachelor Officers' Quarters, Fleet Air Base, Pearl Harbor; spec. 8714.

BIDS WANTED

SACRAMENTO, Calif.—Until June 23, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new sewage ejectors, etc., at the J. S. P. O. and Courthouse at Sacramento.

Drawings and specifications may be obtained from the above office.

BIDS WANTED

COLVILLE, Wash.—Until June 28, P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new partitions in basement at the J. S. P. O. at Colville.

Drawings and specifications obtainable from the above office and from the Custodian of the building at Colville. * 7

9— HOSPITALS

Preparing Plans

HOSPITAL ADDITION

Est. Cost, \$15,000
 FORT BRAGG, Mendocino Co., Cal. Two-story and basement frame and Redwood siding addition to the Redwood Hospital.
 Owner—Redwood Hospital Assn.
 Architect—John Easterly, Healdsburg and Santa Rosa.

Plans Being Figured—Bids Close

June 23
 ADDITION Cost, \$10,000
 EXETER, Tulare Co., Cal. One-story brick and frame hospital addition to medical building; concrete slab floor.
 Owner—Miss F. O. Harrington, Exeter.
 Lessee—Dr. R. C. Hill, Exeter.
 Architect—Not Given.
 (887) * 9

Sub Contracts Awarded

FEMALE CUSTODIAL BLDGS. Cont. Pr., \$490,000
 IMOLA, Napa Co., Cal. Napa State Hospital.

Erection and completion of Female Custodial buildings comprising a group of six buildings having a total combined floor area of approximately 125,000 sq. ft. The buildings are one- and two-story, of reinforced concrete construction, with hollow tile partitions, steel sash and shingle tile roof covering.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
 Contractor—James I. Barnes Constr. Co., Santa Monica.

Steel Windows—Michel & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.
 Reinf. Steel—Soule Steel Co., 1750 Army St., San Francisco.

Contract Awarded
 ALTER HOSPITAL Cost, \$40,000
 SAN FRANCISCO, 2750 Geary Blvd. Alterations to hospital.

Owner—The Garden Nursing Home, Inc., 2750 Geary Blvd.
 Architect—Albert J. Evers and Roland I. Stringham, 525 Market Street.

Engineer—A. V. Saph, Jr., Rialto Bldg.
 Contractor—Lindgren & Swinerton, Inc., 225 Bush St. * 9

Contracts Awarded

DETECTION COTTAGES
 ELDRIDGE, Sonoma Co., Cal. Sonoma State Home.
 Erection and completion of two one-story reinforced concrete detention buildings with hollow tile partitions, steel sash, wood roof construction and shingle tile roof covering together with steam service conduit, manholes, wire fencing, yard paving and road work.

General Work
 Carl N. Swenson Co., 355 Stockton Ave., San Jose, \$163,950.
 Electric Wiring

Alta Elec. & Mech. Co., Inc., 467 O'Farrell St., S. F., \$7,143.

Plumbing Work
 M. R. Carpenter, 907 Front Street, Sacramento, \$19,214.

Heating Work
 Cory & Joslin, Inc., 50 Hawthorne St., San Francisco, \$26,000.

CONTRACT AWARDED

LOS ANGELES, Cal.—R. J. Chute, 2506 W. Santa Barbara, awarded the contract for construction of an 8-story steel frame and reinforced con-

crete Class A addition (40 x 110 ft.) to the Queen of Angels Hospital, 2301 Bellevue Ave. M. L. Barker and C. Lawrence Ott, architects, 624 S. La Brea Ave.; Laurence J. Walker, structural engineer, 601 1/2 S. New Hampshire. The project also includes a new 1-story kitchen addition, new auditorium wing and a corrugated iron garage building. All work included under general contract except elevator and boiler. The work will start this week. 9

PLANS BEING FIGURED

OCEANSIDE, San Diego Co., Cal.—Until June 17, 12 noon, Architects Gable & Wyant, 3723 Wilshire Blvd., Los Angeles, are taking bids from a selected list of contractors for a 2-story reinforced concrete 35-bed, Class B sanatorium (36 x 88 ft.), to be built in Oceanside for the Roslucian Fellowship. The building will contain men's and women's hydrotherapy dept., physiotherapy department and medical gym. Estimated cost, including altering and adding to existing sanatorium bldgs., \$85,000. Harold P. King, structural engineer; Ralph E. Phillips, mechanical engineer. 9

Preparing Preliminary Plans
 HOSPITAL Cost, \$125,000
 TULARE, Calif.

One-story concrete municipal hospital.

Owner—City of Tulare.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.

Application will shortly be made for PWA grant to aid in financing. Cost includes certain equipment. (888) * 9

Grant Applied For
 HOSPITAL ADDN. Cost, \$130,000
 FRESNO, Calif. Fresno Co. General Hospital.

New brick kitchen wing addition to County Hospital.

Owner—County of Fresno.
 Plans by Allied Architects of Fresno, c/o Fred L. Swartz, Brix Bldg., Fresno.

New bids will be called upon approval of PWA grant.

At previous bid opening, at which time all bids were rejected, W. J. Ochs, Fresno, submitted low general bid, at \$69,987. Separate bids were received for general; mech. kitchen equip.; refrig. and electrical work.

BIDS WANTED

HOLLISTER, San Benito Co., Cal.—Until July 1, 10 A. M., bids will be received by the Board of Supervisors of San Benito County, for construction of, furnishing and installation of certain equipment, etc., for the San Benito County Hospital at Hollister.

Plans may be obtained from the office of the Architect, Robt. Stanton, Hotel Del Monte, Del Monte, upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid, payable to the order of the County of San Benito. (821) * 9

BIDS WANTED

SAN FRANCISCO—Until June 22, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for furnishing and installing tables, cabinets and shelving for the Maternity Bldg., at San Francisco Hospital, Potrero Avenue and 22nd St. Est. cost, \$1,800.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall. * 9

10—HOTELS

Contract Awarded
HOTEL JUNEAU, Alaska. Franklin, betw. 1st and 2nd.
Six-story reinf. conc. hotel (176x94 ft.), with full basement and penthouse; 4 stores and 5 shops on ground floor; 100 hotel rooms, 31 apts.; 3 elevators.
Owner—J. J. Meherin and Wallis George, Juneau.
Architect—Donald N. McDonald, Joseph Vance Bldg., Seattle.
Contractor—A. W. Quist Co., 308 Exchange Bldg., Seattle. 10

13—PUBLIC BUILDINGS
FIRE HOUSES & JAILS

CONTRACT AWARDED
DEL NORTE CO., Calif.—Fred J. Maurer & Son, Inc., 3031 E Street, Eureka, at \$16,000, awarded contract by the State of California, Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for construction of a small quarantine station near Crescent City on the Smith River.

Contract Awarded
LIGHTING Cont. Pr., \$2,275
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
High Bay Lighting Palaces 11 and 12; Contract No. 195.
Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St.
Contractor—Victor Lemoge, 281 Natoma St., San Francisco.

Contract Awarded
LIGHTING Cont. Pr., \$1,732
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
High Bay Lighting Palaces 5 and 6; Contract No. 193.
Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St.
Contractor—Victor Lemoge, 281 Natoma St., San Francisco.

WORK AUTHORIZED
YOUNTVILLE, Napa Co., Calif.—Governor Merriam this week authorized the expenditure of \$300,000 for a new mess hall to be built at the Veterans' Home in Yountville. Plans will be prepared by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento. 13

BIDS OPENED
YERBA BUENA SHOALS, Calif.—James A. Nelson, Inc., 1375 Howard St., San Francisco, at \$5,884, submitted low bid to the Dept. of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for construction of the Plumbing and Ventilating for Alameda-Contra Costa Bldg., Mission Trails Building, and the Shasta-Cascade Bldg. on Yerba Buena Shoals.
Complete bids were:

James A. Nelson, Inc.	5884
O'Mara & Stewart	5985
James H. Flinkerton Co.	6100
Scott Co., Inc.	6375

BIDS WANTED
SAN FRANCISCO.—Until June 8, 1:45 p.m., informal bids will be received by the Dept. of Public Wks., Room 251, City Hall, for cleaning and lacquering linoleum covering at the

Richmond and Presidio Public Br. Libraries.

Specifications obtainable from Superintendent of Buildings, R. A. Chisholm, 490 11th St. 13

BIDS OPENED
YERBA BUENA SHOALS, Calif.—G. H. Armstrong, 1388 Van Ness Avenue, South, San Francisco, at \$6,200, submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for construction of the electrical work for the Alameda-Contra Costa Building, Mission Trails Bldg., and the Shasta-Cascade Bldg. on Yerba Buena Shoals.
Complete bids were:

G. H. Armstrong	6200
H. C. Reid & Co.	6490
Victor Lemoge	6640
Geo. F. Brayer	6667
Edw. J. Lynch Elec. Co.	6680
Abbett Elec. Co.	6949
Central Electric Co.	6965
Alta Elec. & Mech. Co., Inc.	7200
T. L. Rosenberg Co.	7248
American Elec. Constr. Co.	7324
Spencer Electric Co.	7335

Contract Awarded
LIGHTING Cont. Price, \$3,320
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
High Bay Lighting Palaces 6A to 9, inclusive; Contract No. 194.
Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street.
Contractor—Central Electric Co., 179 Minna St., San Francisco.

BIDS WANTED
NEVADA CITY, Nevada Co., Calif. Until June 15, 2 P. M. (postponed from June 1), bids will be received by the Board of Supervisors of Nevada County, R. N. McCormack, Clerk at the Court House building in Nevada City, for erection of a Connecting Corridor Addition to present Nevada County Hospital buildings.
Plans and specifications may be obtained from the office of the Clerk upon deposit of \$10, returnable, and may be seen in the office of the Architect, George C. Sellon, California State Life Bldg., Sacramento.
Cash, cashier's or certified check, payable to the Clerk, in the sum of 10% of bid must accompany bid.

Bids Wanted—To Close June 20,
11 A. M.
MEMORIAL Est. Cost \$15,970
RODEO, Contra Costa Co., Cal. Rodeo Avenue.
New veterans' memorial building.

Owner—County of Contra Costa (C. C. Wells, County Clerk).
Architects—K. O. Narbett, 462 31st Ave., Richmond, and E. Geoffrey Bangs, 580 Market St., San Francisco.
Plans and specifications obtainable from the offices of the architects upon deposit of \$25.00.
Bids will be opened in the Hall of Records, Martinez.

CONTRACT AWARDED
YERBA BUENA SHOALS, Calif.—James A. Nelson, Inc., 1375 Howard St., San Francisco, at \$5,884, awarded contract by the Dept. of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for construction of the Plumbing and Ventilating for Alameda-Contra Costa Bldg., Mission Trails Building, and the Shasta-Cas-

cade Bldg. on Yerba Buena Shoals.
Award of contract approved by Director of Dept. of Public Works, subject to the approval of the Attorney General.

Plans Being Figured
REMODEL CITY HALL
MORGAN HILL, Santa Clara Co., Calif.
Remodel City Hall.
Owner—City of Morgan Hill.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Plans and specifications obtainable from the architect's office upon deposit of \$15.

CONTRACT AWARDED
SAN MATEO, San Mateo Co., Cal.—W. J. Tobin, 3701 Balfour Avenue, Oakland, at \$1,111 awarded contract by the San Mateo City Council, City Manager W. D. Soule, City Hall, San Mateo, for moving a church building on Mount Diablo to one block east.
Bids taken as follows: (a) moving and setting; (b) sidewalk and foundation.
Complete bids were:
W. J. Tobin, Oakland: (a) \$750; (b) \$361.
Hansen Bros., San Mateo: (a) \$1,770 (b) \$304.
R. A. McClaim, S. F.: (a) \$2,198 (b) \$350.

Bids Wanted—To Close June 15,
8 P. M.
REMODEL CITY HALL
MORGAN HILL, Santa Clara Co.
Remodel city hall.
Owner—City of Morgan Hill.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
As previously reported, plans and specifications obtainable from architect's office.

SITE SELECTED
CHINO, San Bernardino Co., Calif.—California State Board of Prison Directors has definitely selected the 2500-acre tract of land near Chino, San Bernardino County, as the site for the new Southern California State Prison and will authorize the architects, A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, to proceed at once with the preparation of plans for the first units. As previously reported, Federal grants and state appropriations totaling \$3,500,000 will be available for financing the first year's program, which will operate under a series of WPA projects. 13

Bids Wanted—To Close June 28,
2 P. M.
FOUNDATIONS Cont. Cost.
SACRAMENTO, Calif. 10th and N Streets.

Erection and completion of the concrete foundations for state office building No. 3, which will include concrete and miscellaneous work for the foundations covering a ground area of approximately 215x150-ft. up to and including the main basement floor slab.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.
Approximate cost of the completed building, including all work, is \$1,800,000.

CONTRACT AWARDED
YERBA BUENA SHOALS, Calif.—G. H. Armstrong, 1388 Van Ness Avenue, South, San Francisco, at

\$6,200, awarded contract by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for construction of the electrical work for the Alameda-Contra Costa Building, Mission Trails Bldg., and the Shasta-Cascade Bldg., on Yerba Buena Shoals.

Award of contract approved by Director of Dept. of Public Works, subject to the approval of the Attorney General.

Bids Wanted—To Close July 5, 2:00 P. M.

WARD BLDGS. Cost, \$.....
SPADRA, Los Angeles Co., Calif. Pacific Colony.

Erection and completion of Units 16, 18 and 20 of five ward buildings, consisting of three one-story reinforced concrete buildings with hollow tile partitions; steel sash and clay tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received for (1) general work, (2) heating and ventilating work, (3) plumbing work, (4) electric work.

Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works, in the amount of 10% of bid.

Bids Opened
TRADES BLDG., ETC.
SPADRA, Los Angeles Co. Cal. Pacific Colony.

Erection and completion of 1-story trades building, chapel and mortuary at Pacific Colony (of wood and steel frame construction, with concrete floors, exterior cement plaster and composition roof.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Low Bidder—R. Westcott Co., Inc., 1831 N. Main St., Los Angeles, at \$24,329.

Separate bids were received as follows: (1) general work; (2) mechanical work, and (3) electric work. Complete bids follow:

General Work

R. Westcott Co., Inc., L. A.	\$24,329
John Strona, Pomona	24,400
L. A. Geisler, Huntington Pk.	25,553
(includes telegraphic addition of \$1600.)	
Baruch Corp., L. A.	26,530
Byerts & Dunn, L. A.	28,551
Arthur Pinner, Jr., L. A.	28,928
J. S. Metzger & Son, L. A.	29,300
Harvey A. Nichols, L. A.	29,619
R. J. Baum, Englewood	30,000
David J. Reed, L. A.	30,480
Contracting Eng. Co., L. A.	31,312
Taylor & Taylor, Pasadena	32,795
Mechanical Work	
S. C. Brown Co., Inc., 115 W. 17th St., Los Angeles	\$7100
Hickman Bros., Inc., San Pedro	7271
Kenneth Fraser, Pasadena	7914
J. Herman Co., L. A.	8050
O. E. Ross, Long Beach	8,747
Earl O. Stice Co., L. A.	9,333
Electric Work	
MacFarlane Electric, 117 E. 3rd St., Santa Ana	\$2897
Jos. Korb, L. A.	2957
Coast Electric Co., Long Beach	2976
H. O. Bauerle, L. A.	2987
Chandler Elec. Co., L. A.	2993
Newberry Elec. Corp., L. A.	3118
Allen R. Ochs, San Luis Obispo	3400

(86) 1st May 11, 1938. 13

BIDS REJECTED
BURLINGAME, San Mateo Co., Calif.—Following bids received June 6 were rejected as too high by the City Council of the City of Burlingame, J. R. Murphy, City Clerk, for the reconstruction of frontage of certain building located on Howard Ave. near Hatch Alley, known as Douglas Bldg. Work includes taking 5 foot frontage from building to be replaced by a new frontage:

C. H. Bessett Bldg. Co., 826 Walnut Ave., Burlingame, \$4,745.
R. A. McLean & Co., San Francisco, \$4,971.

Contract Awarded
ELECTRICAL WORK Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Electrical work, warehouse; Contract No. 1611.

Owner—San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Comm., 585 Bush St., San Francisco.
Contractor—George F. Brayer, 166 7th St., San Francisco.

BIDS OPENED
SUNNYVALE, Santa Clara Co., Cal.—George A. Kelly, 648 Almaden Ave., San Jose, at \$1,228, submitted low bid to the City of Sunnyvale, Ida Trubschenck, City Clerk, for moving and reconstructing one dwelling, together with fences, etc., at 129 S. Mathilda Ave., in the City of Sunnyvale.

Only other bid submitted by Hanson Bros., San Francisco, at \$1,575.
Bids held under advisement until June 20.

BIDS OPENED
SAN FRANCISCO.—Lacquer Floor Service Co., 2350 Keith St., at \$450, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for cleaning and lacquering linoleum covering at the Richmond and Presidio Public Branch Libraries.

Only other bid submitted by Jones Supply Corp., at \$483. * 13
June 9, 1938.

BID OPENED
SAN FRANCISCO.—Michel & Pfefer Iron Works, Inc., 10th and Harrison Sts., at \$76, submitted only bid to the Dept. of Public Works, Room 251, City Hall, for drilling 76 6-inch holes in cast iron columns of third-story windows at Hall of Justice. Specifications obtainable from R. A. Chisholm, 490 11th Street. * 13

BIDS OPENED
SAN FRANCISCO.—Frank J. Reilly Co., 6350 Fulton St., at \$1741, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for installation of window cleaners' safety equipment on the windows of the City Hall.

Complete bids were:
Frank J. Reilly Co. \$1741
Price Bldg. Specialties Co. 1921
Fire Protection Products Co. 1940
J. Harold Johnson 2180

BIDS OPENED
SAN FRANCISCO.—Robert L. Cramer Co., 50 Howard St., at \$4645, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for installing acoustical material in the Assessor's Office, City Hall.

Only other bid submitted by Western Asbestos Co., at \$5555. * 13

BIDS OPENED
SAN FRANCISCO.—Malott & Peterson, 2412 Harrison St., at \$224, submitted low bid to Public Utilities

Commission, Room 287, City Hall, for reroofing operators' cottage at Tesla Portal Chlorinating Station, San Joaquin County.

Complete bids were:
Malott & Peterson \$224.00
Alta Roofing Co. 286.00
A. Frederick Anderson 278.00
J. W. Bender Co. 279.00
Zerbe Roofing Co. 239.75

14— RESIDENCE

Preparing Plans
COTTAGES Cost, \$.....
CARMEL, Monterey Co., Calif. Five units of 3-room studio cottages. Owner—Withheld.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

PLANS BEING FIGURED
LOS ANGELES, Calif.—Until June 14, 9 A. M., Architects M. L. Barker and G. Lawrence Ott, 624 S La Brea Ave., are taking bids from a selected list of contractors for a two-story frame and stucco 16-room rectory to be built at Transfiguration Parish, Santa Barbara Ave. and Roxton Sts., Los Angeles, for the Archdiocese of Los Angeles. 14

Contract Awarded
RESIDENCE Cost, \$.....
SAN MATEO, San Mateo Co., Calif. Two-story frame and stucco residence (7 rooms, 3 baths), composition shingle roof, warm air gas fired heating system, hardwood floors, tiled baths, wood sash, etc. Owner—Walter Schulken, c/o Archt. Architect—Erle J. Osborne, 25 Kearny St., San Francisco.
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Preparing Working Drawings
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. One-story frame and stucco residence; hardwood floors, tile bath, etc.
Owner—Albert Bolack, c/o Archt. Architect—Edward W. Kress, 516 1st Natl. Bank Bldg.

Completing Plans
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Cal. One-story frame and stucco residence; hardwood floors, tile bath, etc.
Owner—M. F. Lionetti, c/o Archt. Architect—Edward W. Kress, 516 1st Natl. Bank Bldg.
Owner will take bids from a selected list of contractors.

Plans Completed
RESIDENCE Est. Cost, \$5500
EAST MORAGA, Contra Costa Co., Calif. One-story frame and stucco residence; hardwood floors, tile bath, etc.
Owner—B. Baker, c/o Archt. Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.
Plans are being figured by a selected contractor.

Contract Awarded
RESIDENCE Cost, \$8,500
OAKLAND, Alameda County, Calif. 2636 La Cresta.
One-story 6-room residence.
Owner—John Robley.
Architect—W. R. Yelland, Financial Center Bldg.
Contractor—Olaf Petersen, 3626 Rhoda Ave. 14

Plans Completed
RESIDENCE Cost, \$5,000
HEADLSBURG, Sonoma Co., Calif. One-story frame and stucco resi-

dence (hardwood floors, tile bath)
Owner—W. M. Bronner, c/o Archt.
Architect—John Easterly, Healdsburg
and Santa Rosa.

Plans will be figured shortly by a
selected list of contractors.

Preparing Plans.
RESIDENCE Cost, \$10-12,000
SAN FRANCISCO.
Two - story frame and stucco resi-
dence (7 rooms, 2 baths) hard-
wood floors, wood sash, tile baths
Owner—Withheld.
Architect — Albert H. Larsen, 333
Kearny St.

Plans Being Figured
RESIDENCE Est. Cost, \$9,000
SAN FRANCISCO. Greenwich and
Leavenworth Sts.
Two - story frame and stucco resi-
dence (six rooms), composition
roof, tile kitchen and bath, hard-
wood floors, etc.
Owner—Withheld.
Architect — Martin J. Rist, Phelan
Bldg.
No definite bid opening date yet
set.

Preparing Plans
RESIDENCE Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.
One - story frame and wood siding
residence (shake roof, oil burn-
ing heating system).
Owner—Benjamin Ableman, c/o the
Architect.
Architect—William Herbert, Rosen-
berg Bldg., Santa Rosa.
Plans are now being prepared for
a town residence instead of previous-
ly planned country residence.

Preparing Plans
RESIDENCE Cost, \$12,000
SAN FRANCISCO. Mercet Manor.
Two - story frame and stucco resi-
dence (7 rooms, 2 baths) social
hall, wood sash, hardwood floors,
tile baths, etc.
Owner—Withheld.
Architect — Albert H. Larsen, 333
Kearny St.

Bids In—Under Advice
RESIDENCE Cost, \$.....
ORINDA, Alameda Co., Calif.
One - story frame residence (hard-
wood floors, wood sash, tile bath,
etc.)

Owner—J. C. Minor, c/o Architect.
Architect—F. L. Confer, Claremont
Hotel, Berkeley.

Contract Awarded
RESIDENCE Cost, \$.....
ORINDA, Alameda Co., Calif.
One - story frame and stucco resi-
dence (hardwood floors, tile bath,
etc.)

Owner—Mr. Snow, c/o Contractor.
Architect—F. L. Confer, Claremont
Hotel, Berkeley.
Contractor—Herbert P. Atkinson, 180
Grand Ave., Oakland.

Plans Being Figured—Bids Close
June 14, Noon
RESIDENCE Est. Cost, \$5,000
MODESTO, Stanislaus Co., Cal.
Two-story French Provincial style
residence.

Owner—Donald Morris, c/o Archt.
Architect—G. N. Hilburn, 1211 K St.,
Modesto.

Plans being figured by a selected
list of contractors.

Postponed Until Today, Noon.
RESIDENCE Cost, \$.....
OAKMORE, Alameda Co., Calif.
Two-story frame residence (6 rooms,
2 baths) plaster board interior,
gas heating, tile baths, etc.
Owner—Withheld.
Architect—Marshall Dean and John

Hudspeth; Marshall Dean, Archi-
tect, 2104 Addison St., Berkeley.
Bid opening date postponed from
June 6.

Plans Completed
RESIDENCE Est. Cost, \$5200
MARTINEZ, Contra Costa Co., Cal.
Two-story frame residence; 2 baths,
shingle roof, wood exterior.
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st
Ave., Richmond.
Plans will be figured by a selected
contractor.

Completing Plans
RESIDENCE Est. Cost, \$7100
CROCKETT, Contra Costa Co., Cal.
Two-story frame residence, hardwood
floors, tile baths, etc.
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st
Ave., Richmond.
Plans will be figured by a selected
contractor.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (4 bed-
rooms, 4 baths), servants' quar-
ters.
Owner—Alexander Donald, c/o Archi-
tect.
Architect—W. W. Wurster, 260 Calli-
fornia St., San Francisco.
Contractor — E. J. Schmalzing, 863
Melville Ave., Palo Alto.
Roofing—R. L. Reaves Roofing Co.,
721 El Camino Real, Palo Alto.
Plumbing—H. B. Park, 1230 Broad-
way, Burlingame.
Electric Wiring—Bartholmae Elec-
tric, 428 Guinda St., Palo Alto.
Heating—Aladdin Heating Co.
Sheet Metal—Spangler Sheet Metal
Works, 624 Emerson St., Palo
Alto.
Tile Work—Palo Alto Tile Co., 843
Channing Ave.
Grading—Smith Co., San Mateo.
Lumber—McElroy Lbr. Co., Vista
Ave. and El Camino Real, Palo
Alto.
Mill Work—Pacific Mfg. Co., Santa
Clara.
Hardware—Palo Alto Hardware Co.,
278 University Ave., Palo Alto.
Painting—Anton Anderson & Son,
231 Cowper St., Palo Alto.

Preparing Plans
RESIDENCES Cost, \$6000 each
SAN FRANCISCO. Richmond Dist.
Seven one-story frame and stucco
residences (hardwood floors, tile
baths, wood sash, etc.)
Owner—Heyman Bros., 742 Market.
Architect — Albert H. Larsen, 333
Kearny Street.

Plans Being Figured—Bids Close on
June 15, Noon
RESIDENCE Est. Cost, \$9,000
SAN FRANCISCO. Greenwich and
Leavenworth Streets.
Two-story frame and stucco resi-
dence (six rooms), composition
roof, tile kitchen and bath, hard-
wood floors, etc.

Owner—Withheld.
Architect — Martin J. Rist, Phelan
Bldg.
Following contractors are figuring
plans:
Mager Bros. & Son, 1359 Fourth
Ave.
Carlen Constr. Co., 147 10th St.
Peter Sartorio, 369 Pine St.
Roy Galliher, 2129 18th Ave.

Preparing Working Drawings
RESIDENCE Est. Cost, \$10,000
MERCED, Calif.
One-story frame and stucco resi-
dence (5 rooms), hardwood flrs.,
tile baths, wood sash, shake roof,

hot air heating system, wood
sash, etc.
Owner—H. J. Baker, c/o Architect.
Architect—Charles E. Butner, 7 Win-
ham St., Salinas.
Plans will be completed and bids
asked in about one week.

Preparing Plans
RESIDENCE Cost, \$.....
SAN FRANCISCO. Francisco Hts.
Two-story frame and stucco resi-
dence (8 rooms), hardwood flrs.,
tile baths, etc.
Owner—L. B. Ham, 105 Montgomery
Street.
Architect — Albert H. Larsen, 333
Kearny St. * 14

Plans Being Figured—Bids Close
June 15, 4 P. M.
RESIDENCE Cost, \$.....
MILL VALLEY, Marin Co., Calif.
One-story frame residence (5 rooms).
Owner—Withheld.
Architect—Frederick H. Reimers, 233
Post St., San Francisco.
Plans are being figured by the fol-
lowing selected list of contractors:
C. E. Finell, R. F. D. No. 1, Box
157, Sausalito.
Leach & Wallace, 133 Saunders
Ave., San Anselmo.
H. D. Corthell, 15 Mountain View,
Mill Valley.
A. H. Pritchard, 243-A East Blyth-
dale Ave., Mill Valley.
A. B. Costigan, Jr., Lagunitas Rd.,
Ross.

Preparing Working Drawings
RESIDENCE Cost, \$.....
ATHERTON OAKS, San Mateo Co.
One - story frame and stucco resi-
dence (8 rooms, 3 baths) hard-
wood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1319 Howard
Ave., Burlingame.
Plans will be completed and bids
asked in about two weeks.

Preparing Working Drawings
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.
One - story frame and stucco resi-
dence (tile roof, hardwood floors,
tile baths, etc.)
Owner—Withheld.
Architect—Leo Sharps, 1319 Howard
Ave., Burlingame.

Preparing Working Drawings
RESIDENCE Est. Cost, \$15,000
MERCED, Cal.
Two - story frame and stucco resi-
dence (10 rooms, 3 baths), wood
sash, shake roof, hot air heating
system, hardwood floors, tile
baths, etc.

Owner—Frank Ostrander, c/o Archt.
Architect—Charles E. Butner, 7 Win-
ham St., Salinas.
Plans will be completed and bids
asked in about one week.

15—SCHOOLS

PLANS BEING FIGURED
LOS ANGELES, Calif.—Architect
Ralph C. Flewelling, 614 Architects'
Bldg., has completed plans and the
owners are taking bids until June
21, 3 p.m., from a selected list of
contractors for two new buildings to
be built at the University of South-
ern California; Rufus Von Klein-
Smid, president. They will be one-
story and part two-story Class A re-
inforced concrete structures. One of
the buildings will house the College
of Architecture and Fine Arts; the
other will be the Fisher Art Gallery.
Ralph E. Phillips is the mechanical
engineer. 15

Preparing Working Drawings
SCHOOL Est. Cost, \$6000
LIVE OAK, Sutter Co., Calif. Live
 Oak High School.
 One - classroom frame and stucco
 school building.
 Owner—Live Oak Union High Sch.
 District.
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.
 (98) 15

BIDS WANTED
SAN BERNARDINO, Calif.—Until
 June 21, 7:30 p.m., bids will be
 received by the San Bernardino High
 School District for the following
 work at the high school, located at
 18th and E Sts., San Bernardino:
 (1) band room addition; (2) altera-
 tions to domestic science dept.; (3)
 installation of a 2-pipe, gravity steam
 heating unit. Plans and specifica-
 tions for work under Items 1 and 2
 may be obtained from Architect E.
 Chas. Parke, 1 Fuller Bldg., San
 Bernardino, upon deposit of \$25, re-
 turnable. Plans and specifications
 for the heating may be obtained
 from C. V. Kely, business manager
 of the school. Certified or cash-
 ier's check or bond for 5% required.
 15

Preparing Plans
ADDITION Est. Cost, \$20,000
MONTEREY CO., Cal., near Soledad.
 Mission Grammar School.
 Addition of two classrooms and en-
 larging auditorium (frame and
 stucco construction).
 Owner—Mission Grammar Sch. Dis-
 trict.
 Architect—Chas. E. Butner, 7 Win-
 ham St., Salinas.
 Application has been filed for a
 PWA grant to aid in financing.
 Bonds in the amount of \$12,000
 were recently voted.

BIDS WANTED
SAN FRANCISCO.—Until June 22,
 2:30 p.m., bids will be received by
 the Dept. of Public Works, Room
 251, City Hall, for acoustical treat-
 ment in the cafeteria of Portola Jr.
 High School, Gerard and Burrows
 Sts., estimated cost, \$2300.
 Specifications obtainable from City
 Architect Chas. H. Sawyer, Room
 265, City Hall. 15

Contract Awarded
SHOP & STORAGE BLDG.
 Contr. Pr., \$23,700
SAN LUIS OBISPO, Calif. Califor-
 nia Polytechnic School.
 Erection and completion of shop and
 storage building and bleachers;
 work comprises the construction
 of two units, one the shop and
 storage bldg., and one the bleach-
 ers.
 Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect, Public Works Building,
 12th and N Sts., Sacramento.
 Contractor—Empire Constr. Co., Ltd.,
 Russ Bldg., San Francisco.

Contract Awarded
RECONSTRUCTION
 Contract Price, \$49,355
OAKLAND, Alameda Co., Calif. So-
 side of 11th St., between 3rd and
 4th Avenues.
 Reconstruction of existing building
 at Central Trade School.
 Owner—Oakland School District.
 Architect—W. G. Corlett, Second Ave.
 and E. 10th St., Oakland (School
 Administration Bldg.).
 Contractor—George Swanstrom, 1615
 78th Ave., Oakland.

Preparing Plans
SCHOOL ADDN. Cost, \$.....
PLEASANT HILL, Contra Costa Co.
 Two-room addition and repairs to

present school building.
 Owner—Pleasant Hill School Dist.
 Architect—H. H. Weeks, 593 Market
 St., San Francisco.
 Work contingent on proposed bond
 issue of \$18,000.

SUB BIDS WANTED
COALINGA, Fresno Co., Calif.—N.
 H. Sjoberg & Son, 5604 E. 16th St.,
 Oakland, is figuring plans and de-
 sires sub bids on all portions of the
 work for construction of the Coa-
 linga Junior High and Administra-
 tion Building, for which bids will be
 opened June 15, 6:30 p.m.
 Plans prepared by Architect W. D.
 Coates, Jr., Rowell Bldg., Fresno.

Plans Approved
ADDITION Est. Cost, \$500
RIO VISTA, Solano Co., Calif.
 One-story frame addition to present
 shower room, to consist of in-
 structors' offices, girls' showers,
 and visiting teen showers.
 Owner—Rio Vista Joint Union High
 School District.
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.
 Plans have been approved by the
 State Division of Architecture and
 bids will be asked shortly.

BIDS OPENED
SAN FRANCISCO, Cal.—J. Harold
 Johnson, 666 Mission St., at \$3554
 (Hancock School); Frank J. Reilly
 Co., 6350 Fulton St., at \$1671 (Por-
 tola School), and Jacks & Irvine, 620
 Market St., at \$1476 (Fremont Sch.),
 submitted low bids to the Depart-
 ment of Public Works, City Hall, for
 laying wood floors and maple thresh-
 olds and inoleum in the (a) Han-
 cock School, North Filbert St. betw.
 Jones and Taylor Sts. and (b) in
 the Portola Jr. High School, Bacon
 St. betw. Berlin and Girard Sts., and
 (c) in the Fremont School, N. Mc-
 Allister St. betw. Baker and Bro-
 derick Sts.

Complete bids follow:
 J. Harold Johnson—(a) \$3554, (b)
 (c) \$1537.
 Frank J. Reilly Co.—(a) \$3861, (b)
 \$1671, (c) \$1881.
 Jacks & Irvine—(a) \$3871, (b)
 \$1827, (c) \$1476.
 Peter Sartorio—(a) \$4076, (b) \$1-
 746, (c) \$1870.
 Anderson & Ringrose—(a) \$4522,
 (b) \$2173, (c) \$1845.
 Braas & Kuhn Co.—(b) \$2785.
 (59) 1st report May 26, 1938. * 15

Contract Awarded
JUNIOR COLLEGE Cost, \$56,963
MARYSVILLE, Yuba Co., Cal. 18th
 St., south end of Knight Park.
 First unit of junior college plant
 consisting of 1-story frame and
 stucco building to contain six
 classrooms, assembly hall, prop-
 erty room, administration unit
 with principal's office and deans'
 offices, concrete boiler room, stu-
 dents' store.
 Owner—Yuba City Junior College
 Dist. (C. W. Burchell, President
 Board of Trustees).
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.
 Engineer—F. W. Kellberg, 320 Mar-
 ket St., San Francisco.
 Contractor—C. A. Hillberg, P. O. Box
 52, Turlock.
 Acceptance or rejection of alter-
 nates may effect contract price.

BIDS OPENED
SAN FRANCISCO.—The following
 bids received by the Dept. of Public
 Works, City Hall, for painting the
 following schools: (a) Edison Sch.,
 Chattanooga, 22nd and Dolores Sts.;
 (b) Grattan Sch., Schrader St., bet.
 Alma and Grattan Sts.; (c) Haw-
 thorne Sch., Stowell St., bet. 22nd

and 23rd Sts.; (d) Polytechnic High
 School, Frederick St., bet. Arguello
 Blvd. and Willard St.

Complete bids were:
 Dept. of Public Works, Bureau of
 Bldg. Repair—(a) \$2078, (b) \$1954, (c)
 \$2124, (d)
 W. G. Thompson—(a) \$3097, (b)
 \$2290, (c) \$3412, (d) \$11,147.
 Reliable Painting Co.—(a) \$3336,
 (b) \$2190, (c) \$3650, (d)
 Cramer Bros.—(a) \$3390, (b) \$2185,
 (c) (d)
 R. P. Paoli & Co.—(a) \$3545, (b)
 \$2850, (c) \$3480, (d) \$6990.
 John G. Exley & Son—(a) \$5500,
 (b) \$2300.
 Harry Ankers—(b) \$1950, (c) \$3400.
 Deemer & Deemer—(b) \$2975, (c)
 \$4120.
 A. A. Zelinsky & Son, Inc.—(b)
 \$2198.
 American Bldg. Maintenance—(b)
 \$2244.
 John J. Murray—(b) \$2175.

Bids Opened
SHOP & STORAGE BLDG.
SAN LUIS OBISPO, Calif. Califor-
 nia Polytechnic School.
 Erection and completion of shop and
 storage building and bleachers;
 work comprises the construction
 of two units, one the shop and
 storage bldg., and one the bleach-
 ers.
 Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect, Public Works Building,
 12th and N Sts., Sacramento.
 Low Bidders—Empire Constr. Co., Ltd.,
 Russ Bldg., San Francisco, \$23,-
 700.
 Complete bids follow:
 Empire Const. Co., Ltd., S. F. \$23,700
 O. R. Ochs, San Luis Obispo... 24,635
 F. C. Stolte Co., Pacific Grove 26,800
 T. M. Maino, San Luis Obis-
 po 27,512

BONDS VOTED
BUTTONWILLOW, Kern Co., Cal.
 —Buttonwillow Union School Dist.
 voted bonds June 3, in the amount of
 \$20,000, part of the proceeds to be
 used to finance a two-classroom ad-
 dition to the Buttonwillow School in
 Kern County. Cost of the addition
 is estimated at \$16,000. Plans by
 Symmes & Willard; Stanton Will-
 ard, architect, 215 Haberfelde Bldg.,
 Bakersfield. * 15

BONDS VOTED
DELANO, Kern Co., Cal.—Delano
 Joint Union High School District
 voted bonds June 3, in the amount of
 \$50,000, proceeds to be used to-
 gether with an expected PWA grant,
 to finance construction of an audi-
 torium, cafeteria and central heating
 plant at Delano High School. If the
 PWA grant is not forthcoming, the
 bonds will not be sold. Frank Wyn-
 kop, architect, 318 Haberfelde Bldg.,
 Bakersfield. * 15

Plans Completed
ADDITION Cost, \$.....
HILMAR, Merced Co., Calif.
 One-story frame and stucco school
 building to contain an agricul-
 tural shop, classroom, counsel-
 ors' rooms and toilet facilities.
 Owner—Hilmar High School District.
 Architect—Chas. F. Dean, California
 State Life Bldg., Sacramento.
 Plans will be sent shortly to State
 Division of Architecture for approval.

Preparing Plans
SCHOOL Cost, \$.....
CARIBOU, Plumas Co., Cal. Feather
 River Highway.
 Elementary school building to con-
 tain one classrooom, office, library
 and playroom in basement (all
 wood construction).
 Owner—Las Plumas School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans Being Figured
ALTERATIONS Cust. \$.....
RENO, Nev. 127-31 Sierra Street
Alterations to one-story and mezzanine store building (50x40-ft.) adjoining present Montgomery Ward & Co. store to provide larger quarters.

Owner—Montgomery, Ward & Co.
Plans by Engr. Dept. of Owner.
Plans are being figured by a selected list of contractors.

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until June 15, 7:30 P. M., bids will be received by the Santa Paula Union High School District for construction of a reinforced concrete and wood frame auditorium building (60x115-ft.) at the Santa Paula high school. Separate bids will be taken on general work, electric wiring, heating and ventilating. Frederick Kennedy, Jr., architect, 1011 E. Green St., Pasadena. Cost, \$80,000. Plans may be obtained at the school office in Santa Paula. 15

BOND ELECTION PLANNED

NEVADA CITY, Nevada Co., Calif.—The Nevada City School District is planning to vote bonds in the near future in the amount of \$20,000, proceeds to finance addition of a stage to the recently constructed high school gymnasium, with machine shops underneath, for manual training. 15

BIDS WANTED

MONTEBELLO, Los Angeles Co., Cal.—Until June 14, 7:30 P. M., bids will be received by the Montebello Unified School District, Montebello, for 4-classroom frame addition (100x120-ft.) to be built at the Bell Gardens Jr. high school, and a group of temporary buildings to be built at the Live Oak school, the Bell Gardens school and the Laguna school. Total cost is estimated at \$55,000. Plans available at office of T. C. Klitner, architect, 412 Architects' Bldg., Los Angeles. No deposit. All work will be let under one contract. 15

BOND ELECTION PLANNED

REDWOOD CITY, San Mateo Co., Calif.—The Redwood City Elementary School District is planning to vote bonds in the near future in the amount of \$70,000, which proceeds, together with possible PWA grant, are to finance following school improvements:

- (1) An auditorium for Lincoln School on Whipple Ave.;
- (2) An addition comprising about 10 classrooms for McKinley School on Duane St.;
- (3) A two-classroom addition to Garfield School on Middlefield Road.

Preliminary plans prepared by Architect Thos. M. Edwards, 9 Geary St., San Francisco. 15

LOW BIDDER

BOULDER CITY, Nevada.—Young Constr. Co., Salt Lake City, Utah, at \$53,020, submitted low bid to the U. S. Bureau of Reclamation, Boulder City, for the construction of a high school building in Boulder City. 15

Contract Awarded
PORTABLES Cont. Pr., \$43,944
OAKLAND, Alameda County, Calif.

South side of 11th St., between 3rd and 4th Aves.
Construction of 17 portable classrooms at Central Trade School.
Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Bids Wanted—To Close June 21,

4:00 P. M.
PORTABLES Cost, \$.....
OAKLAND, Alameda Co., Cal. 47th Ave. and Poothill Blvd.
Construction of six portables and moving and altering ten portables at the Fremont High Sch. Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).
Plans and specifications may be obtained at Room 109, Administration Bldg., upon deposit of \$25. Bids will be opened in the Board Room.

Bids Opened

RECONSTRUCTION Cost, \$.....
OAKLAND, Alameda Co., Calif. S. side of 11th St., between 3rd and 4th Avenues.

Reconstruction of existing building at Central Trade School.

Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).

Low Bidder—George Swanstrom, 1615 78th Ave., Oakland—\$49,355.

Complete bids follow:
George Swanstrom, 1615 78th Ave., Oakland, \$49,355; salvage deduct \$15. Peter Sartorio, S. F., \$49,898; no salvage.

A. Nelson, Inc., S. F., \$53,513; salvage, \$1,000.

Central Calif. Constr. Co., Inc., S. F., \$53,549; salvage \$25.

Carl N. Swenson Co., San Jose, \$57,500; salvage \$200.

F. C. Stoltz Co., Alameda, \$61,880; salvage \$50.

CONTRACT AWARDED

ANAHEIM, Orange Co., Cal.—R. J. Daum, 6803 West Blvd., Inglewood, submitted low bid to the Anaheim Elementary School District and was awarded contract, at \$286,260, for a new school building to be built at the John C. Fremont School in Anaheim, a PWA project. The building will be a 2-story reinf. conc. structure, 152x187 feet in area, containing 11 classrooms, administration unit, library, auditorium to seat 750 persons, and a gym. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. 15

BIDS WANTED

SAUSALITO, Marin Co., Calif.—Until June 13, 12 o'clock noon, bids will be received by the Trustees of the Tamalpais Union High School District, Dr. H. H. Bjornstrom, Secty., for furnishing and laying linoleum, and for furnishing only hardware, blackboard, electric heaters.

Specifications on file with the principal of the Tamalpais High School, Sausalito. 15

Plans Approved
GYM ADDN. Est. Cost, \$35,000
MODESTO, Stanislaus County, Cal.

Modesto High School.
Two-story reinforced concrete addition to boys' gymnasium (steel frame roof, copper roof decks); WPA project.

Owner—Modesto High School Dist.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Plans approved by the State Division of Architecture.

Plans Approved
EXERCISE PAVILION
Estimated Cost, \$27,000
MODESTO, Stanislaus County, Cal.

Roosevelt High School.

One-story central unit of gymnasium (reinf. concrete footings, structural steel and wood frame walls copper roof, wood sheathed inside, stucco plaster outside, wood floor). WPA Project.

Owner—Modesto High School Dist.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Plans approved by State Division of Architecture.

Bonds Defeated
RECONSTRUCTION Cost, \$.....
SAN MATEO, Calif.

Earthquake-proofing of the shop building at San Mateo High Sch., including new roof and interior steel reinforcing.

Owner—San Mateo Union High School District.

Struc. Engr.—Harold E. Hammill, 32 Bush St., San Francisco.

The San Mateo School District defeated bond issue June 3 in the amount of \$49,000. Proceeds were to have financed above work.

BONDS VOTED

SAN CARLOS, San Mateo Co., Cal.—The San Carlos Grammar School District voted bonds June 3 in the amount of \$45,000, proceeds to finance purchase of school lots, school buildings and schoolroom furnishings and appliances.

Trustees of the San Carlos Grammar School are Henry F. Wrigley, H. A. Jacopi, and Herbert O. Walters.

BIDS WANTED

RIVERSIDE, Cal.—Until June 14, 7:30 p.m., bids will be received by the Riverside Board of Education, 3450 Ninth St., Riverside, for a new shop building to be built at Riverside High School. Plans and specifications obtainable from Architect G. Stanley Wilson, 3616 Main Street, Riverside, upon deposit of \$25, returnable. 15

Bond Election

SCHOOL
GRASS VALLEY, Nevada Co., Calif. High school building to contain five classrooms and gymnasium; reinforced concrete construction.

Owner—Grass Valley Union High School District.

Architect—Harry Devine, Cronan Bldg., Sacramento.

The Grass Valley Union High School District will vote, June 10, on a proposal to issue bonds in the amount of \$125,000, proceeds to finance construction.

BIDS OPENED

BOULDER CITY, Nevada.—Young Const. Co., 407 First National Bank Bldg., Salt Lake City, Utah, at \$53,020 submitted low bid to the U. S. Bureau of Reclamation, Boulder City for construction of a high school building in Boulder City. Spec. No. 1068-D.

Bids were received as follows: (1) construction of high school building, complete except excavation, concrete in foundation walls and footings, placing reinforcing bars and fabric, and installing heating system; (2) installing steam heating system for high school buildings and connecting to heating system in the present school building, complete.

Complete bids were:
Young Const. Co., Salt Lake City, Utah, (1) \$50,720; (2) \$2,300.

E. & E. J. Pfozter, Philadelphia: (1) \$58,434; (2) \$2,975.

Andy Srdal, Long Beach, Cal. (1) \$58,550.

H. Mason, Los Angeles: (1) \$63,590; (2) \$2,300.

F. S. Webb, Boulder City, Nev., (1) \$78,150.50; (2) \$2,572.

J. Herman Co., Los Angeles: (2) \$2,585. 15

Bond Election
SCHOOL ADDITION
PLACERVILLE, Eldorado Co., Cal.
 Addition to high school to contain gymnasium, science room and cafeteria.
 Owner—El Dorado Union High Sch. District.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 The El Dorado Union High School District will vote June 17 on a proposal to issue bonds in the amount of \$95,000, proceeds to finance construction.

Preparing Plans
SCHOOL ADDITION
 Est. Cost, \$65,000
RIPON, San Joaquin Co., Cal.
 Addition of gymnasium and shop building to Ripon High School.
 Owner—Ripon Union High School District.
 Architect—Harold H. Weeks, 593 Market St., San Francisco.
 The school district proposes to vote bonds in the near future to finance construction.

Preparing Plans
SCHOOL ADDITION
 Est. Cost, \$150,000
CERES, Stanislaus Co., Cal.
 Addition of science unit and auditorium at Ceres High School.
 Owner—Ceres Union High Sch. District.
 Architect—Harold H. Weeks, 593 Market St., San Francisco.
 Construction subject to PWA grant.

Preparing Plans
SCHOOL ADDITION
 Est. Cost, \$50,000
AVENAL, Kings Co., Cal. Avenal Branch of Lemoore High Sch.
 Construction of cafeteria addition to main school building and doubling size of present shop building.
 Owner—Lemoore Union High School District.
 Architect—Harold H. Weeks, 593 Market St., San Francisco.

Preparing Plans
SCHOOL ADDITION
 Est. Cost, \$80,000
HOLLISTER, San Benito Co., Cal.
 Addition of library and cafeteria and exterior work to gymnasium and construction of swimming pool at Hollister High School.
 Owner—Hollister Union High School District.
 Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidders
ALTERATIONS
SEATTLE, Wash. Univ. of Washington.
 Alterations and additions to boiler plant at University (reinf. conc. construction with brick exterior and built-up tar and gravel roof; new boiler wing, 45 x 65 ft.; storage house, 50x105 ft.; and feed water treatment room, 27x50 ft.).
 Owner—Regents of the University of Washington.
 Architect—Bebb & Gould, Hoge Bldg., Seattle.
 Struc. Engineer—S. Ivarsson, Skinner Bldg., Seattle.
 Low Bidder—Gjarde Constr. Co., Joshua Green Bldg., Seattle, Wash.—\$83,300.
 University Plumbing & Heating Co., Seattle, at \$36,994, submitted low bid for piping; J. J. Agutter & Co., Seattle, at \$11,316, low bidder on electric work, and Link-Belt Co., Seattle, at \$22,432, low bidder on conveyor work.

To Ask Funds
GYMNASIUMCost, \$30,000
LAKEPORT, Lake County, Calif.
 One-story frame gymnasium at Clear Lake High School (composition roof, marble floors; no plumbing work).
 Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk).
 Architect—John Easterly, -Healdsburg and Santa Rosa.
 An application for PWA grant will shortly be made.

16—BANKS, STORES AND OFFICES

Preparing Plans
STORE ADDITIONCost, \$.....
SAN FRANCISCO, 1623 Fillmore Street.
 Addition to existing one-story store building.
 Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.
 Plans by Engr. Dept. of Owner.

Sub Contracts Awarded
MEDICO BLDG.Cont. Pr., \$15,790
SANTA ROSA, Sonoma Co., Calif. Tenth and E Streets.
 Two-story frame and stucco medicinal building to contain four suites; wood sash.
 Owner—Doctor R. E. Hamlin, Santa Rosa.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Contractor—Wm. D. Rapp, 517-A, 4th St., Santa Rosa.
Plumbing—Geo. Mitchell, 513 Third Street.
Electric Wiring—Karl F. Stolling, 1067 4th St.
Heating—Gust Malm, 610 2nd St.
Sheet Metal—D. E. Metzgs, 898 4th Street.
Glass, Lumber and Mill Work—Henry Laws Co., 8th and Wilson Sts.
Painting—Lewis Grace.
Lathing and Plastering—Richard Keehn, 822 Monroe St.
 All of Santa Rosa.

Contract Awarded
RESTAURANT BLDG.Cont. Pr., \$18,852
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Two-story frame restaurant building known as Oakwood Barbecue Building.
 Owner—C. L. Cameron, c/o Archt. Architect—Wm. G. Merchant, Russ Bldg., San Francisco.
 Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.

Contract Awarded
ALTER STORECost, \$.....
SAN JOSE, Santa Clara Co., Calif. South First St.
 Alterations to store building.
 Owner—Stelling Leaseholders Corp. Architect—Earle Bantz, 681 Market St., San Francisco.
 Contractor—Frank G. A. Appelle, 1067 Walker Ave., Oakland.

Contract Awarded
STORE BLDG.Cost, \$16,000
SAN FRANCISCO. West Van Ness Ave. South 48 N Plum.
 One-story Class C store building.
 Owner—Dempster Est., Clunie Bldg. Architect—Not Given.
 Contractor—Cahill Bros., 206 Sansome Street. 16

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Cal.—Contracting Engineers Co., 230 1/2 W. Vernon Ave., Los Angeles, awarded contract for a 1-story masonry office building (40x100 feet) in the Rio Bravo Oil Field, Bakersfield, for the

Superior Oil Co. This is part of a large building project now under way for the company. Arlos R. Sedgley, architect, 910 N. Serrano Ave., Los Angeles. 16

Contract Awarded
OFFICE BLDG.Cost, \$5,000
TULARE, Tulare Co., Calif.
 One-story frame and stucco dentist and optometrist bldg. (steel sash, composition roof, linoleum floors)
 Owner—Dr. O. E. Finch, Tulare.
 Architect—David Horn, Rowell Bldg., Fresno.
 Contractor—C. A. Flowers, 135 North "D" St., Tulare.

SUB BIDS WANTED
SAN FRANCISCO.—M. E. Vukleovich, 666 Mission St., is figuring plans and desires sub bids on all portions of the work for the construction of a store building at 22nd Ave. and Taraval St. for which bids will be opened June 10, 3 p.m.
 Plans prepared by Architect Albert Burgren, 110 Sutter St., San Francisco. 16

Plans Being Figured—Bids Close
 June 10, 3 P. M.
STORECost, \$.....
SAN FRANCISCO. 22nd Ave. and Taraval St.
 One-story frame and stucco store building.
 Owner—Withheld.
 Architect—Albert Burgren, 110 Sutter St.
 Plans are being figured by a selected list of contractors.

Plans Being Figured—Bids Close
 June 14, Noon.
STORE BLDG.Cost, \$.....
REDWOOD CITY, San Mateo Co., Calif. El Camino Real and Lincoln Avenue.
 One-story reinforced concrete bldg. (70x90-ft.) to contain two stores.
 Owner—Wm. H. Sadler, 1191 King St., Redwood City.
 Architect—Lazer L. Nusbaum, 9 Geary St., San Francisco.
 Plans are being figured by the following selected contractors:
 Charles J. Pedersen, 734 Prospect Row, San Mateo.
 Moore & Roberts, 693 Mission St., San Francisco.
 G. W. Williams Co., 10 California Drive, Burlingame.
 H. H. Larsen Co., 64 South Park, San Francisco.
 Archie Da Mant, 1056 Highway, Redwood City.

17— THEATRES

Contract Awarded
THEATERCost, \$124,980
EUREKA, Humboldt Co., Cal. Sixth St., betv. E. and F Sts.
 Three-story reinforced concrete theater and 1-story bldg. ater and store bldg.
 Owner—Redwood Theatres, Inc. (Geo. M. Mann, Pres.), 983 market St., San Francisco.
 Mgr. of Constr.—William B. David.
 Contractor—Moore & Roberts, 693 Mission St., San Francisco.

19—MISC. CONSTRUCTION

BIDS WANTED
WASHINGTON, D. C.—Until June 15 (date changed from June 20) bids will be received by the U. S. Coast Guard, Washington, D. C., under CR 2300, for construction of sixty 38-ft. cabin picket boats for delivery on Pacific Coast. 19

BIDS WANTED

OAKLAND, Calif.—Until June 15, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1037, for the removal of Mount Clear tank (216,100-gal. capacity), now located on Drake Drive near Snake Road, Oakland, to a new site on the Skyline Blvd.

Plans and specifications may be obtained from the above office. * 19

BIDS WANTED

WASHINGTON, D. C.—Until June 15 (date changed from June 25) bids will be received by the U. S. Coast Guard, Washington, D. C., under CR 2001, for constructing harbor cutters. 19

BIDS OPENED

SANTA CLARA, Cal.—S. A. Haug, 469 S. Second St., San Jose, at \$20 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for additional sidewalk, at the U.S.P.O. at Santa Clara. Other bids were:

McMillan & Ammon, Santa Clara\$24.50
Nick Hemminga, S. F.\$3.00

BIDS WANTED

SAN FRANCISCO.—Until June 15, 3 P. M., bids will be received by the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-172, for constructing and delivering afloat 2 500-cy. welded steel dump scows at San Francisco Waterfront.

Plans and specifications may be obtained from the above office. 19

BIDS WANTED

FORT McDOWELL, Calif.—Until June 13, 2 p. m., bids will be received by the Quartermaster, Fort McDowell, Angel Island, under Bid No. QM 536-38-44, for drydocking, cleaning, painting and repairing the U. S. Army Launch "Q-9." * 19

BIDS WANTED

SAN FRANCISCO.—Until June 21, 3 P. M., bids will be received by the Public Utilities Commission, Room 257, City Hall, under Contract No. 27, for alterations to service and main switchboard at the San Francisco City Hall.

Plans and specifications may be obtained at Room 605, San Francisco Water Department building, 425 Mason St., San Francisco, upon the deposit of \$10.00. 19

CONTRACT AWARDED

MARCH FIELD.—A. C. Rice, 1446 N. Las Palmas Ave., Los Angeles, at \$7,981, awarded contract by the Constructing Qtrmstr., March Field, under Invit. No. 6694-38-3, for installation of night lighting duct system at March Field. 19

CONTRACT AWARDED

FORT ROSECRANS, Cal.—Underground Constr. Co., 354 Hobart St., Oakland, at \$1,975, submitted low bid and was awarded contract by the Contracting Officer, Col. O. S. Alhright, Signal Corps, Signal Office, Ninth Corps Area, Presidio of San Francisco, under Bid No. C.P. 1084 SC 38-21, for installation of a subterranean cable between Manhole No. 33 and Fire Control Switchboard Room, Fort Rosecrans, Cal.

Total bids follow:
Underground Constr. Co., 354 Hobart St., Oakland—\$1,975.

B. G. Carroll, San Diego—\$2,285.
V. R. Dennis Constr. Co., San Diego—\$5,495. * 19

CONTRACT AWARDED

YERBA BUENA SHOALS, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$44,850, submitted low bid and was awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 181, for lining the lagoons on Yerba Buena Shoals. 19

BIDS WANTED

WASHINGTON, D. C.—Until June 27, 2 p. m. (date changed from June 20), bids will be received by the U. S. Coast Guard, Washington, D. C., under CR 2300, for construction of sixty 38-ft. cabin picket boats for delivery on the Pacific Coast. * 19

20— MISC. SUPPLIES AND MATERIALS**CONTRACT AWARDED**

SAN FRANCISCO.—Ceco Steel Products Corp., 1280 Indiana St., San Francisco, at \$3,181.02, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 2011, for furnishing and delivering black electrical welded wire fabric for the airport. * 20

BIDS WANTED

ELDORADO CO., Cal.—Until June 14, 2 p. m., bids will be received by the U. S. Dept. of Agriculture, Forest Service, Superintendent, Eldorado National Forest, Placerville, Cal., for furnishing 300 tons coarse aggregates and 165 fine aggregates; f.o.b. job at Alder Creek Bridge, 5 miles east of Riverton, Eldorado Co., U. S. Route 50. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-38-168, for furnishing misc. Douglas fir plywood and fiber panels:

Henry Cowell Lime & Cement Co., Lots 3, 4 and 5, \$40 per MFEM, 2% 50 days.

White Bros., (1) \$1605.47, (2) \$1,319.11; 2% 30 days.

Maris Plywood Co., (1) \$1334.66 (incorrect total based on original quantities, will be re-totaled on basis of unit prices); (2) \$1228.77; 2% 10; 1% 20 days.

Certain-Teed Products Corp., Lots 3, 4 and 5, \$40 per MFEM; 2% 10th prox.

Construction Device Co., Lots 3, 4 and 5, \$35 per MFEM; 2% 10 days.

U. S. Plywood Corp., (1) \$1657.04, (2) \$1353.70, (3) and (4) \$36 per MF BM; (5) no bid; 2% 30 days.

Lilly & Crowley, Inc., Lots 4 and 5, \$36 per MFEM; 2% 30 days.

Western Asbestos Co., Lots 3, 4 and 5, \$36.80 per MFEM; 2% 10 da.

J. E. Higgins Lbr. Co., (1) \$1614.32, (2) \$1316.38, (3), (4) and (5) \$36 per MFEM; 2% 30 days. * 20

CONTRACT AWARDED

OAKLAND, Calif.—American Bitumuls Co., 4525 San Leandro Ave., Oakland, at \$11,287.50 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 215, for furnishing 215,000 gallons of emulsion asphalt. 20

CONTRACT AWARDED

OAKLAND, Calif.—Oakland Pkg. Supply Co., 4th and Harrison Streets, Oakland, at \$9,621.11 was awarded contract by the East Bay Municipal Utility District, John Kimball, Sec-

retary, 512 16th St., Oakland, under Pro. No. 1015, for furnishing 60,000 feet of copper service tubing and 764 pieces of red brass seamless tubing. 20

NO BIDS RECEIVED

OAKLAND, Calif.—No bids were submitted to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1027, for furnishing 45 tons of liquid chlorine, fog Valley Springs and 40 tons fog District's truck from contractor's plant.

Bids were called for June 1, 5:30 P. M. * 20

BIDS WANTED

OAKLAND, Calif.—Until June 15, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1036, for furnishing approximately 97,086 ft. h.m. Oregon pine lumber.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1233, for one 20-ft. wood lookout tower for Topa Topa Lookout; f.o.b. shipping point and/or Ojai, Cal.

Bids were:
Chas. R. McCormick Lumber Co., S. F., \$244.23, f.o.b. Wauna, Oregon; \$136.48, f.o.b. Ojai, Cal.; 2 day del.; 2% 10 days, 1% 20 days.

McDonald Harrington, Ltd., S. F., \$192, f.o.b. Wauna; 21 days del.

E. K. Wood Lumber Co., Oakland, \$272, f.o.b. Vernon; \$312, f.o.b. Ojai; 5% 30 days. * 20

BIDS WANTED

OLYMPIA, Wash.—Until June 16, 3 p. m., bids will be received by the Division of Purchasing, H. D. Van Eaton, Supervisor, Public Lands-Social Security Bldg., Olympia, for hospital furnishings, including ward beds, hospital beds, chairs, tables, furniture, surgery equipment, and refrigeration for Western State Hospital, Fort Steilacoom.

Plans and specifications available at above office. * 20

BIDS OPENED

OAKLAND, Cal.—Following submitted identical bids at \$9,268, to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1025, for furnishing 520 tons quick lime, 260 tons f.o.b. Oakland and 260 tons f.o.b. Valley Springs; and 20 tons hydrate lime.

Bidders were:
Chubbuck Lime Co., South San Francisco.

Diamond Springs Lime Co., San Francisco.

California Chemical Co., Newark.
U. S. Lime Products Corp., San Francisco. * 20

BIDS OPENED

OAKLAND, Calif.—Stauffer Chemical Co., 636 California St., San Francisco, at \$16,500, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1026, for furnishing 660 tons aluminum sulphate.

General Chemical Co., San Francisco, at \$17,460, submitted only other bid. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Mu-

nicipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1028, for furnishing (1) 250,000 cu. ft. oxygen gas, f.o.b. Oakland, and (2) 5,000 cu. ft. f.o.b. Stockton; (3) 175,000 cu. ft. acetylene gas f.o.b. Oakland, and (4) 5,000 cu. ft. f.o.b. Stockton.

Bids were:
Air Reduction Sales Co., Oakland, (1) \$3500, (2) \$4725, (3) \$82.50, (4) \$165.

Linde Air Products Co., Oakland, (1) \$1950, (2) \$4185, (3) \$64, (4) \$149.50.

Pacific Oxygen Co., Oakland, (1) \$2,125, (3) \$67.50. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2013, for furnishing one carload, standard wrought steel galv. pipe, threaded and coupled, for the S. F. Water Dept.:

Bids taken on: (1) ½-inch; (2) ¾-inch; (3) 1-inch; (4) 1½-inch; (5) 4-inch; (6) 6-inch; (7) 8-inch; per 100 ft. Bids were:

United Pipe & Supply Co.: (1) \$4.66 (2) \$5.86; (3) \$8.30; (4) \$13.42; (5) \$57.47; (6) \$101.23; (7) \$136.56.

E. E. Newhall Co., (1) \$4.76; (2) \$6; (3) \$8.47; (4) \$13.71; (5) \$57.47; (6) \$101.23; (7) \$136.50.

Olsen & Hefferman, (1) \$4.99; (2) \$6.28; (3) \$8.87; (4) \$14.34; (5) \$60.33 (6) \$106.27; (7) \$143.37.

Richmond Sanitary Co., (1) \$4.99; (2) \$6.28; (3) \$8.87; (4) \$14.34; (5) \$60.33; (6) \$106.27; (7) \$143.37.

Baker-Hamilton & Pacific Co., (1) \$4.99; (2) \$6.28 (3) \$8.87; (4) \$14.34; (5) \$60.10; (6) \$105.88; (7) \$142.87.

Key Pipe & Supply Co., (1) \$4.80; (2) \$6.05; (3) \$8.55; (4) \$13.85; (5) \$58; (6) \$102; (7) \$138.

Following submitted identical bids at (5) \$5; (2) \$6.30; (3) \$8.89; (4) \$14.39; (5) \$60.33; (6) \$106.27; (7) \$143.37: Ducommun Metals & Supply Co.; Gilmore Steel & Supply Co., Inc.; Marshall-Well Supply Co.; Waiworth-California Co.; P. E. O'Hair & Co.; Petroleum Equipment Co.; A. I. Mitchell Supply Co.; Stephen H. McCabe; Pacific Pipe Co.; Pacific Plumbing & Heating Supply Co.; Northern California Hardware & Steel Co.; Sloss & Britton; Taylor-Holbrook, Inc.; Steam & Plumbing Service Corp.; A. J. Glesener Co.; Federal Pipe & Supply Co.; Crane Co.; General Machinery and Supply Co.; Dalziel Co.; Standard Supply Co. and Dunham, Carrigan and Hayden Company. * 20

BIDS WANTED

FT. McDOWELL, Cal.—Until June 17, 2 P. M., bids will be received by the Quartermaster, Ft. McDowell, under Bid No. 536-38-45, for drydocking, painting, overhauling and repairing the U. S. L. B. General Frank M. Cox, which may be inspected at Pier No. 4, Fort McDowell. *

CONTRACT AWARDED

SAN FRANCISCO.—Berkeley Steel Construction Co., Inc., 2nd and Camelia Sts., Berkeley, at \$461, ½ of 1% 10 days, fob Berkeley, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5732, for 30- and 40-ft. steel trusses, including all structural steel, bolts for field connections, bolts for superstructure, and all miscellaneous steel portions necessary for the erection of the trusses, Wallace Canyon and Long Canyon Bridges. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$75, ½ of 1%, 10 days, fob San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5731 for two 30-foot steel beam spans, including all structural steel, bolts for field connections, bolts for superstructure and all miscellaneous steel for erection of South Fork Salmon River Bridge No. 2. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco, at \$340, net; fob San Francisco, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5730, for 50-ft. steel truss, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel portions necessary for erection of the truss, Pilot Creek Trail Bridge. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Berkeley Steel Const. Co., 2nd and Camelia Sts., Berkeley, at \$1980, ½ of 1%, 10 days, fob Berkeley, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5728, for 84-ft. steel truss, including all structural steel, bolts for field connections, bolts for superstructure and all misc. steel portions necessary for erection of the South Fork Salmon River Bridge No. 2. * 20

BIDS WANTED

OAKLAND, Cal.—Until June 14, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing fiber conduit for the Electrical department.

Bids will be taken on:
(1) 7,200 ft. 2½-in.;
(2) 15,000 ft. 1½-in.;
(3) 20 rough couplings for 2½-in.;
(4) 40 rough couplings for 1-in.;
(5) 10 fiber plugs for 2½-in.;
(6) 10 fiber plugs for 1½-in.;
(7) 25 bells;
(8) 136 fiber cord bends.

Plans and specifications available at above office. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2014, for furnishing (1) ten 12-in. and (2) ten 16-in. hub end gate valves for the San Francisco Water Dept.

Bids were:
General Engineering & Dry Dock Co., San Francisco, (1) \$57.89 each; (2) \$81.95 each.
San Francisco Water Dept., (1) \$50.45 each; (2) \$90.60 each. * 20

BIDS OPENED

SAN FRANCISCO.—Pacific Pavements Co., Ltd., 85 Barstow Street, San Francisco, at \$16,200, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2023, for furnishing approximately 5,000 tons asphaltic concrete wearing surface (WPA).
Total bids follow:
Pacific Pavements Co., Ltd., 85 Barstow St., S. F., \$3.24 per ton; total \$16,200.
Eaton & Smith, \$3.25 per ton; \$16,250.

Chas. L. Harney, \$3.25 per ton; \$16,250.
Pacific States Constr. Co., \$3.33; \$16,650.
The Fay Improvement Co., \$3.80 per ton; \$18,150.
Lowrie Paving Co., \$3.75 per ton; \$18,750. * 20

BIDS OPENED

SAN FRANCISCO.—Consumers Rock & Cement Co., 575 Berry St., San Francisco, at \$63.90, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2022, for furnishing approximately 10,000 cu. yds. mixed concrete for various WPA projects.

Total bids follow:
Consumers Rock & Cement Co., 575 Berry St., S. F., \$63.90 per cu. yd.; total \$63,900.
John Cassaretto Co., \$6.24 per cu. yd.; \$64,272.
Readymix Concrete Co., Ltd., \$6.61 per cu. yd.; \$68,083.
Bode Gravel Co., \$6.70 per cu. yd.; \$69,010.
Golden Gate Atlas Materials Co., \$6.85; \$70,555. * 20

BIDS WANTED

TERMINAL ISLAND, Los Angeles Co., Cal.—Until June 20, 2 P. M., bids will be received by the Chief Clerk, Federal Jail, Terminal Island for 2400 ft. 2½-in. cotton rubber lined, double jacket, fire hose, six hydrant wrenches, 12 spanner wrenches, six play-pipe, 2½"x30-in., 6 hose carts with steel wheels, Inv. No. 44. C. E. Cooper, Chief Clerk. * 20

BIDS OPENED

SAN FRANCISCO.—(Bid No. 5468) —Following bids received by the U. S. Treasury Dept., 49 Fourth Street, for furnishing 8 dozen milk cans; f.o.b. San Jose:

San Jose Supply House: \$419.04; 2% 30; 3 day del.
Dunham, Carrigan & Hayden: \$424.32; 2% 30; 3 day del.
San Jose Hardware: \$439.68; 2% 30; 12 day del.
Baker, Hamilton & Pacific: \$497.76; 2% 30; 7 day del. *

BIDS OPENED

SAN FRANCISCO.—Price Building Specialties Co., 35 Stillman St., San Francisco, at \$851.81, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2026, for furnishing metal partitions, doors, etc., for Lincoln Park Club House (WPA).

Total bids follow:
Price Bldg. Specialties Co., 35 Stillman St., San Francisco, \$851.81; 35 days deliv.
Dwan & Co., \$893; 30 days deliv.
Munthe Equipment Co., \$952.75; 30 days deliv. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-171, for misc. millwork; f.o.b. San Francisco Pier.

---s were:
Phillips Mill & Cabinet Co., S. F., Lot 1 \$2776; Lot 2 \$2590.15; net.
R. Brandline, Lot 1 \$2643; Lot 2 \$2143; net.
Pacific Mfg. Co., S. F., Lot 1, \$1813; Lot 2 \$1701; net.
Acme Mill Co., Inc., S. F., Lot 1 \$1952.75; Lot 2 \$1737; 1% 20 days.
W. G. Brobeck, Lot 1 \$2148; Lot 2 \$1998; 2% 30 days.
J. A. Hart Mill & Lumber Co., Lot 1, \$2165.30; Lot 2 \$1914.65; 2% 10 days; 1% 30 days. * 20

CONTRACT AWARDED

BAYSHORE, San Mateo Co., Cal.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at \$4,141.02, submitted low bid and awarded contract by the Bayshore City Council, for furnishing materials, as follows:

- (1) 2,840 l.f. 2-in. galv. wrought steel pipe;
- (2) 1,000 l.f. 4-in. cast iron pipe (3 day deliv.);
- (3) 1,000 l.f. 4-in. cast iron pipe (foundry shipment);
- (4) 2,250 l.f. 6-in. cast iron pipe (3 day deliv.);
- (5) 2,250 l.f. 6-in. cast iron pipe (foundry shipment);
- (6) 44 two-inch gate valves;
- (7) 23 four-inch gate valves;
- (8) 4 six-inch gate valves;
- (9) 9 hydrants, 4-in. inlet;
- (10) 3 hydrants, 6-in. inlet;
- (11) 15 4x4x4 tees;
- (12) 6 6x6x4 tees;
- (13) 3 6x6 tees;
- (14) 18 4x4x4s;
- (15) one 6x6x4 crosses;
- (16) one 6x4-in. reducers;
- (17) 40 four-inch plugs;
- (18) one 6-inch plug;
- (19) one 4-inch plug.

Total bids follow:

- (A) Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco—\$4,141.02 (foundry shipment); \$4,316.02 (warehouse shipment);
- (B) American Cast Iron Pipe Co., San Francisco—\$4,201.77 (fndy.); \$4,330.77 (whse.).
- (C) Grinnell Co. of the Pacific, San Francisco—\$4,352.61 (fndy.); \$4,384.01 (whse.).
- (D) U. S. Pipe & Foundry Co., San Francisco—\$4,373.54 (foundry); \$4,493.54 (warehouse).
- (E) Crane Co.—\$4,373.54 (foundry); \$4,493.54 (warehouse).

Unit prices follow:

(A)	(B)	(C)	(D)	(E)
(1) \$0.193	\$0.1941	\$0.2027	\$0.197	\$0.197
(2) .53	.53	.533	.535	.535
(3) .49	.50	.524	.055	.05
(4) .81	.80	.81	.81	.81
(5) .75	.756	.80	.77	.77
(6) 3.00	3.95	3.97	4.75	4.75
(7) 13.00	13.37	12.72	14.62	14.62
(8) 22.00	22.28	21.72	25.00	25.00
(9) 49.00	43.00	49.00	48.00	48.00
(10) 49.00	48.00	49.00	48.00	48.00
(11) 5.00	4.75	5.03	5.75	5.75
(12) 5.00	6.35	6.72	7.969	7.69
(13) 8.00	7.10	7.89	9.02	9.02
(14) 6.50	6.80	6.66	7.62	7.62
(15) 8.50	7.90	7.94	9.08	9.08
(16) 5.00	4.15	3.64	4.16	4.16
(17) .90	.90	.95	1.09	1.09
(18) 1.50	1.60	1.25	1.50	1.50
(19) .40	.40	.42	.35	.38

LOS ANGELES, Cal.—Until June 15, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for 15,442,000 lbs. steel reinf. bars; job contractor's plant and/or delivered to job site (items 1a to 8a, 28th St. ext. of Vernon Industrial lead of Union Pacific R.R.; items 1b to 8b, West Glendale; items 1c to 8c, Compton; items 1d to 8d, Industrial). Invt. 595.

The items are:

- (1a) 300,000 lbs. ½-in. round;
- (1b) 600,000 lbs. ½-in. round;
- (1c) 600,000 lbs. ½-in. round (29 ft. 6-in. length);
- (1d) 1,000 lbs. ½-in. round;
- (2a) 2,040,000 lbs. ¾-in. round;
- (2b) 2,100,000 lbs. ¾-in. round;
- (2c) 600,000 lbs. ¾-in. round;
- (2d) 1,000 lbs. ¾-in. round;
- (3a) 300,000 lbs. ¾-in. round;
- (3b) 1,000 lbs. ¾-in. round;
- (3c) 450,000 lbs. ¾-in. round;
- (3d) 1,000 lbs. ¾-in. round;
- (4a) 720,000 lbs. ¾-in. round;
- (4b) 800,000 lbs. ¾-in. round;
- (4c) 1,700,000 lbs. ¾-in. round;

- (4d) 1,000 lbs. ¾-in. round;
- (5a) 900,000 lbs. 1-in. round;
- (5b) 900,000 lbs. 1-in. round;
- (5c) 800,000 lbs. 1-in. round;
- (5d) 1,000 lbs. 1-in. round;
- (6a) 780,000 lbs. 1-in. square;
- (6b) 800,000 lbs. 1-in. square;
- (6c) 1,000 lbs. 1-in. square;
- (6d) 1,000 lbs. 1-in. square;
- (7a) 240,000 lbs. 1½-in. square;
- (7b) 200,000 lbs. 1½-in. square;
- (7c) 1,000 lbs. 1½-in. square;
- (7d) 1,000 lbs. 1½-in. square;
- (8a) 720,000 lbs. 1½-in. square;
- (8b) 600,000 lbs. 1½-in. square;
- (8c) 1,000 lbs. 1½-in. square;
- (8d) 1,000 lbs. 1½-in. square.

20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 48,000 cu. yd. coarse aggregate and 30,000 cu. yd. sand delivered into government batching plant or stockpiles within one mile of Grandview Ave. and San Fernando Road, Glendale, Inv. 573, opened by U. S. Engineer, Los Angeles, were:

Consolidated Rock Prod., \$148 yd., total, \$115,440; disc. \$20 yd. 25th prox. * 20

Blue Diamond Corp., City Rock Co., Graham Bros. and Eastside Bldg. Materials Co., bidding jointly, \$140 yd. total, \$109,500; disc. \$20 yd. 25th prox. * 20

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Indian Irrigation Service, Los Angeles, under Bid No. 463, for furnishing about 3,337,000 lbs. deformed grade 1 reinforced bars, structural billet steel in stock lengths of 20, 30 and 40 ft., for use in construction of the Head Gate Rock Dam on the Colorado River.

Bids were:

Bethlehem Steel Co., San Francisco, (a) \$81,126, Parker, Ariz.; (b) \$69,113, Los Angeles.
Gilmore Fabricators, Inc., San Francisco, (a) no bid; (b) \$77,945.50, Niles, Cal.

Fishburgh Crucible Steel Co., not in position to quote.

Columbia Steel Co., San Francisco, (a) \$81,126.20, Parker; (b) \$69,113, Pittsburg, Calif.

Sheffield Steel Corp., no bid bond or check; bid not declared.

Truscon Steel Co., Los Angeles, (a) \$100,158, Parker; (b) \$82,217, Emeryville, Cal.

Los Angeles Iron & Steel Co., Los Angeles, (a) no bid; (b) \$89,135, Los Angeles.

California Hardware Co., (a) \$105,820, Parker; (b) if delivery taken at mill, allow 80c cwt.

J. Aorber & Co., Albuquerque, N. M., (a) \$107,822.20, Parker; (b) \$68,111.90, Detroit, Mich. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 6901 E. 14th St., Oakland, at \$459.57, 2% 10 days; Job Yencalla, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5742, for structural Douglas fir lumber for Alder Creek Bridge. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—E. K. Wood Lumber Co., Frederick and King Sts., Oakland, at \$234.51, 2% 30 days; Job Cottage Grove, Ore., submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5751, for structural Douglas fir lumber for Trail Bridges. * 20

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following submitted bids to the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing emulsified asphalt:

Union Oil Co., Shell Oil Co. and American Bitumels Co. submitted identical bids at (1) \$13.51 per ton, (2) \$13.51 per ton, (3) \$14.75 per ton, and (4) \$14.75 per ton. Calrock Asphalt Co. submitted bids on items 1 and 4 only at \$13.51 per ton. * 20

BIDS OPENED

SAN FRANCISCO.—American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$0.485 per foot, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2018, for furnishing 5,000 feet 4-inch cast iron pipe.

Bids were:

American Cast Iron Pipe Co., Sharon Bldg., S. F., \$0.485.

Pacific States Cast Iron Pipe Co., \$0.49589.

U. S. Pipe & Foundry Co., \$0.49663. Central Foundry Co., Oakland, \$0.5229. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Judson-Pacific Co., 609 Mission St., San Francisco, at \$654, net; Job San Francisco, submitted low bid and was awarded contract by the Forest Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5729, for 40-ft. steel span, including all structural steel, bolts for field connections, bolts for superstructure and all misc. steel portions necessary for the erection of the First Gulch Crossing near Mill Creek. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$75.00; 1322 Kains, Berkeley; owner and contractor, H. C. Reeve, premises.

ADDITIONS, \$500; 1943 Napa, Berkeley; owner, R. V. Wright, 1913 Napa; contractor, J. L. Keppy, 483 Kentucky.

ALTERATIONS, \$100; 805 Allston Way, Berkeley; owner, Mrs. Hubert, 6433 Chabot Road; contractor, S. Roycroft, 5763 Ayala Ave., Oakland.

ALTERATIONS \$300; 1844 Channing Way, Berkeley; owner, H. Christiansen, 3527 Harrison St., Oakland; contractor, A. Vindelov, 2021 45th Ave., Oakland.

ADDITIONS, \$600; 1945 Yosemite, Berkeley; owner, V. M. Bohart, premises; contractor, Spinhowert & Son, 806 Jones St.

ALTERATIONS, \$250; 3053 Hillgates Berkeley; owner, Mrs. Lee, 3053 Hillgates; contractor, C. L. Lowney, 2514 Grove.

ALTERATIONS, \$257.00; 355 Santa Clara Ave.; owner, Mr. La Sanay premises; contractor, E. E. Alexander, 1927 Webster St.

RE-ROOF, \$675; 429 Staten Ave., Oakland; owner, L. R. Noble, 4323 La Cresta Ave.; contractor, Elliott & Elliott Roof Co., 770 22nd.

ADDITION, 1-story frame, \$130; 6066 Aspinwall Rd., Oakland; owner and contractor, Fred L. Hocking.

ALTERATIONS, \$80; 1530 96th Ave., Oakland, owner and contractor, Tony Fernandez, premises.

ALTERATIONS and addition, \$300; 3919 Van Arman Ave., Oakland; owner, Geo. J. Meuser; contractor, M. H. Biggs, 525 Lewis St.

ALTERATIONS, \$970; 1137-39 Adeline St., Oakland; owner, H. Parmalee, premises; contractor, P. Delucchi & Son, 5443 Claremont Ave.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Fire Alarm Sys. | 35.—Tunnels |
| 27.—Fire Equipment | |
| 28.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED
MERCED COUNTY, Calif.—M. A. Jenkins, 3560 Y St., Sacramento, at \$11,932, awarded contract by State Division of Highways, Sacramento, for constructing a reinforced concrete slab bridge across the North Branch Mud Slough, about 5.2 miles east of Gustine, Merced County. * 21

CONTRACT AWARDED
CALAVERAS CO., Calif.—F. Kaus, 2726 E. Main St., Stockton, at \$41,679, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of two concrete bridges; one across Haupt Creek, the other across North Fork of Calaveras River at points about four and seven and one-half miles east of Valley Springs, Calaveras County, Cal. * 21

BIDS WANTED
MODOC COUNTY, Cal.—Until June 29, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete slab bridge across the North Fork of Pit River in the City of Alturas, consisting of one 45-ft. span and two 15-ft. cantilever spans on concrete piles, Modoc County. * 21

Work involves:
 (1) 1 lot clear and grub;
 (2) 1 existing bridge to be removed and disposed of;
 (3) 400 c.y. struc. excav.;
 (4) 84,000 lbs. bar reinf. steel;
 (5) 340 c.y. Class A Portland cement conc. struc.;
 (6) 10 c.y. Class A do. railings;
 (7) 300 c.y. rubble masonry;
 (8) 950 lf. furnish cast-in-place concrete piles;
 (9) 28 each driving steel shells for cast in place conc. piles;
 (10) 1 lot misc. items of work.
 Plans and specifications may be obtained from the above office. * 21

CONTRACT AWARDED
SACRAMENTO CO., Calif.—M. A. Jenkins, 3560 Y St., Sacramento, at \$8,140, was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for re-decking a bridge across Three-Mile Slough, 7.14 mi. north of Contra Costa County Line, Sacramento County. C. C. Gildersleeve, Berkeley, at \$6,514.91, previously awarded contract, refused to accept the contract. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

NOTICE
 Application has been made by the Commandant, 11th Naval District, San Diego, Calif., for War Department permit to dredge about 12,000 c.y. of material in the northeasterly portion of Spanish Bight, San Diego Bay. Project depth for the dredging will be 6 feet below mean lower low water, and dredged material will be deposited shoreward of the west bulkhead line in Spanish Bight, about 2500 feet southerly of Bulkhead Station No. 135.

Drawing showing the location and plan of the proposed work may be seen at the U. S. Engineer Office, 751 Figueroa St., Los Angeles, until 11 A. M., Wednesday, June 8, 1938. Interested persons are invited to inspect this drawing and to submit in writing, in triplicate, on or before said date, any objections based on navigation interests that they may have to said work.

Objections based on other than navigation interests cannot be considered. * 22

CONTRACT AWARDED
SEATTLE, Wash.—General Const. Co., 3840 Iowa St., Seattle, at \$67,662, awarded contract by the U. S. Engineer Office, 754 Central Blvd., Seattle, for dredging about 378,000 c.y. material from Duwamish Waterway, Seattle Harbor. Est. cost, \$64,926. * 22

BIDS OPENED
OAKLAND, Alameda Co., Calif.—American Dredging Co., 255 California St., San Francisco, at \$0.45 per c.y., total \$1725.75, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, for dredging about 3835 c.y. of material in the tidal canal, Oakland Harbor. Other bids were: Healy Tibbitts Constr. Co., \$0.64, total \$2454.40; and Daniel Contracting Co., \$0.71, total \$2722. Bids taken under advisement. * 22

BIDS WANTED
CLACKAMAS COUNTY, Ore.—Until June 16, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-621, for bank clearing, bank sloping, gravel borrow, gravel excavation and channel excavation and the construction of approximately 13,000 ft. of stone riprap revetment and construction of approximately 1,300 ft.

of stone dikes, located in the Molala River District Improvement Co., Clackamas County, Oregon.

- Work involves:
 (1) 35.5 acres bank clearing;
 (2) 1,520 c.y. bank sloping;
 (3) 77,800 c.y. channel excavation;
 (4) 27,200 c.y. gravel excavation;
 (5) 37,000 c.y. gravel borrow;
 (6) 33,500 tons. yds. overhaul;
 (7) 64,400 tons stone for toe protection, riprap revetment, rock blanket and stone dike, in place;
 (8) 117.6 tons of 2,240 lbs. placing steel rails;
 (9) 100 lf. 36-in. corr. iron pipe, in place.
 Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 22

BIDS WANTED
SACRAMENTO, Cal.—Until June 14, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-268, for furnishing and operating clamshell dredging plant and doing dredging in Suisun Bay and in the Sacramento and San Joaquin Rivers, and tributary channels. Plans and specifications may be obtained from the above office. * 22

BIDS WANTED
PORTLAND, Ore.—Until June 15, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-612, for channel clearing of gravel, trees, brush, snags, and other debris from Lambert Slough, Willamette River, consisting of approximately 6.5 aces. of clearing and the excavation and disposal of approximately 65,000 c.y. of silt, sand and gravel. Plans and specifications may be obtained from the above office. * 22

TO ASK BIDS
PEARL HARBOR, T. H.—The U. S. Bureau of Yards & Docks, Navy Department, Washington, D. C., will ask for bids shortly for the dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Estimated cost, \$1,500,000. * 22

CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Cal.—Rohl-Connolly Co., 4351 Valley Blvd., Los Angeles, at \$177,700, was awarded contract by the Long Beach harbor commission, for constructing a rock dyke hydraulic dredging, filling and other work. Plans No. HD 50,000 and Spec. HD 63. * 22

BIDS WANTED
SAN DIEGO, Cal.—Until June 20, 11 a.m., bids will be received by Lt.-Comdr. L. N. Moeller, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8758, for 12,000 cu. yds. more or less dredging approach to East Beach at the Naval Operating Base (Air Station), San Diego. Plans and specifications may be obtained from the above office upon deposit of \$10. * 22

CONTRACT AWARDED
LOS ANGELES—Case Constr. Co., Box 6, San Pedro, at \$259,120 was awarded contract by the U. S. Engineer, Los Angeles, for dredging to a depth of 40 feet below mean lower low water the material remaining

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento : California

within the project limits of the turning basin and approach to East Channel in Los Angeles Outer Harbor and with the dredged material reclaiming approximately 26 acres of government-owned tideland at Fort MacArthur. Area to be dredged is 1500 feet wide for a distance of 1500 feet and narrows in W 868 feet to a width of 837 feet. Invt. 407.

22

23— CANALS

BIDS WANTED

ALL-AMERICAN CANAL.—Until June 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 791, for the construction of the Alamo River and New Briar canal crossings and the Central Main Check and turnout, Station 3255 plus 25 to Station 3543 plus 76.52, All-American Canal, All-American Canal System, Boulder Canyon Project. Work is located near Calexico, Calif.

Estimated quantities are:

- (1) 45,200 c.y. excav. for sturc;
- (2) 28,000 c.y. excav. of temporarily unexcavated sections of All-American canal and excavation for new channels and for re-filling existing channels;
- (3) 46,000 c.y. compacted embank;
- (4) 1,010 c.y. pit-run gravel sub-base;
- (5) 8,600 c.y. pot-run gravel blankets on outside slopes of compacted embankments;
- (6) 6,900 c.y. backfill;
- (7) 1,100 sq. yds. dry-rock paving;
- (8) 790 c.y. riprap;
- (9) 22 c.y. of sand blankets under screened gravel blankets;
- (10) 585 c.y. screened-gravel blankets under conc. floor and slope slabs
- (11) 182 c.y. of reverse filters;
- (12) 1,551 c.y. concrete in floor and slope slabs;
- (13) 4,500 cu. yd. concrete in structures except floor and slope slabs;
- (14) Placing 892,000 lbs. reinf. bars;
- (15) Constructing 4,190 lf. of 8- and 12-in. dia. side drain;
- (16) Installing 4,630 lf. of rubber water stops;
- (17) Installing 4,630 sq. ft. elastic joint filler materials;
- (18) Installing 9,700 lbs. cast iron pipe drains;
- (19) Laying 681 lf. 6-in. dia. sewer pipe with uncemented joints;
- (20) Constructing 8.2 MFMB timber railing;
- (21) Constructing and removing 14 MFEM in temp. timber flume;
- (22) Driving 476,600 lbs. of steel sheet piling;
- (23) Installing 207,000 lbs. of gates and other metal work;
- (24) Installing 1,180 lf. of electrical metal conduit, and
- (25) Installing 174 lbs. of electrical conductors and ground wires.

Plans and specifications may be obtained by prospective bidders at the above office without charge; to others, \$3.50 per copy, not returnable.

23

ALL-AMERICAN CANAL.—W. E. Callahan Constr. Co. and J. P. Shirley, 454 Wilcox Bldg., 206 S. Spring St., Los Angeles, at \$382,872, submitted the low bid to the Bureau of Reclamation, Yuma, Ariz., for earthwork excavation for the Coachella Canal, All-American Canal System, Sta. 2 plus 24 to Sta. 2293 plus 00, Spec. 782. The unit price was \$3,042 for all items, bidding all or none.

The items are:

- (1) 3,810,000 c.y. common excav. for canal, Sta 2 plus 24 to Sta 600 plus 00;

- (2) 2,610,000 c.y. common excav. for canal, Sta 600 plus 00 to Sta 1522 plus 00;
- (3) 2,610,000 c.y. common excav. for canal, Sta. 1522 plus 00 to Sta. 2293 plus 00 except Sta. 2078 to 2082 and 2262 to 2268 plus 50.

The bids were:

- W. E. Callahan Constr. Co. and J. P. Shirley, Los Angeles—(1) \$424, (2) \$424, (3) \$424; total, \$382,872.
- Lewis-Chambers Constr. Co., New Orleans—\$487, \$487, \$487; \$439,761.00.

Mark C. Walker & Sons, Omaha, Neb.—\$449, \$449, \$449; \$442,470.

Haas, Doughty & Jones, San Francisco—\$493, \$493, \$493; \$442,470.

J. A. Terteling & Sons, Boise—\$957, \$957, \$957; \$514,710.

Bove & Igo, Yuma—\$587, \$587, \$587; \$530,061.

Atlas Constr. Co., Dallas, Texas.—\$616, \$616, \$616; \$556,248.

V. R. Dennis Constr. Co., San Diego—\$644, \$654, \$669; \$575,007.

Metropolitan Constr. Co., Los Angeles—\$77, \$77, \$77; \$658,770.

United Concrete Pipe Corp., Los Angeles—\$71, \$71, \$71; \$667,230.

Griffith Co., Los Angeles—\$79, \$79, \$79; \$713,370.

Mittry Bros. Constr. Co., Los Angeles—\$79, \$79, \$79; \$713,370.

C. M. Elliott & Stroud-Seabrook—\$716, \$6856, \$6889; \$727,525.

Potts & Sills Bros., San Francisco—(1) no bid; (2) \$6579; total,

A. S. Vinnell Co., Los Angeles—(1) no bid; (2) \$742, (3) \$754; total,

W. C. Cole, San Diego—(1) no bid, (2) \$87, (3) \$87; total,

Triangle Rock & Gravel Co., San Bernardino—(1) no bid, (2) no bid, (3) \$702; total,

Oswald Bros., Los Angeles—(1) no bid, (2) \$75, (3) \$78; total,

Oregon: Sch. 1, \$107,251; Sch. 2, \$96,007; total, \$203,258.

J. A. Terteling & Sons, Boise: Sch. 1, \$105,622; Sch. 2, \$97,977; total, \$203,599.

Barnard-Curtiss Co., Minneapolis: Sch. 1, \$134,302; Sch. 2, \$123,666.20; total, \$258,648.10.

Gates & Huntley, Los Angeles: Sch. 1, \$134,302; Sch. 2, \$124,311.60; total, \$258,613.60.

Mittry Bros. Constr. Co., Los Angeles: Sch. 1, \$147,526.27; Sch. 2, \$141,837.70; total, \$289,363.95.

H. J. Adler Const. Co., Yakima, Wash.: Sch. 1, \$92,341.50; Sch. 2, \$91,235.95; no total. Stipulated will accept on schedule only.

Complete unit prices are on file at the office of the Daily Pacific Builder, 465 10th St., San Francisco.

23

24—STREET LIGHTING

BIDS OPENED

STOCKTON, Cal.—Following submitted bids to the State Division of Highways, Dept. of Public Works, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of one pile driver outfit complete with all necessary operating personnel and supplies and equipment, for driving 8 bents of 4 piles each at bridge across the Mud Slough Overflow, 4 miles east of Gustine on the Gustine-Merced Highway.

Bids taken on: (1) rental rate per hour; (2) moving in and out; (3) equipment available.

Bids were:

M. A. Jenkins, Sacramento, (1) \$18.75; (2) \$360; (3) June 18.

Bundesen & Lauritzen, Pittsburg, (1) \$22.50; (2) \$2,200; (3) July 5.

Ben C. Gerwick, Inc., S. F., (1) \$19.90; (2) \$1300; (3) immediately.

Frank Legg, San Francisco, (1) \$25 (2) \$850; (3) immediately.

M. B. McGowan, Inc., S. F., (1) \$25; (2) \$1340; (3) June 13.

Geo. M. Carr, Santa Rosa, (1) \$23.75; (2) \$650; (3) June 4.

A. Soda & Son, Oakland, bid irregular.

24

June 7, 1938.

BIDS WANTED

HAMILTON FIELD, San Rafael, Calif.—Until June 15, 10:00 a.m., bids will be received by the Constructing Quartermaster, Col. H. E. Pitz, QMC, San Francisco and Vicinity, Fort Mason, under Bid No. W 6616-38-21, for relocating south floodlight at Hamilton Field, San Rafael, Cal.

Work involves:

- (1) Relocating south floodlight;
- (2) Unit prices:

(a) laying 2 conductor No. 10, 2500-volt parkway cable, per lin. ft.;

(b) furnishing and laying No. 12, 600-volt lead-covered cable, per lin. ft.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

24

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

YERBA BUENA SHOWS S. Calif.—O'Mara & Stewart, Ltd., 718 Clara St., San Francisco, at \$18,587, submitted low bid and was awarded the contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 1681 for furnishing mechanical equipment, fountains in Central, East and North Square Courts.

25

Total bids follow:
 Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$172,687.00
 Morrison-Knudsen Co., Boise, 185,568.00
 Geo. Henly Constr. Co., Ontario, Ore., 203,258.00

23

BIDS OPENED
 BOISE PROJ., Ida.—Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$172,687 submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 785, for the construction of earthwork and structures, Sta. 1520 to Sta. 1523 plus 35, Black Canyon Canal; Sta. 0 to Sta. 1040 "A" line canal; and Sta. 0 to Sta. 1284 plus 81, "D" line canal, Payette division, Boise Project.

Total bids follow:
 Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$172,687; Sch. 2, \$88,665.80; total, \$185,568.

Morrison-Knudsen Co., Inc., Boise, Idaho: Sch. 1, \$96,902.20; Sch. 2, \$88,665.80; total, \$185,568.

Geo. B. Henly Const. Co., Ontario,

CONTRACT AWARDED

SAN FRANCISCO.—Walworth Co., 665 Sixth St., San Francisco, at \$270.-87 for San Francisco, \$285.97 for Redding, submitted low bid and awarded contract by U. S. Forest Service, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1236 for furnishing furnace complete with warm air pipes and fittings, etc. Other bidders were: Atlas Heating & Ventilating Co., \$325 and \$365; Warren Doble, \$387.19 San Francisco or Redding; Merrill Hubbard, \$295 and \$313.70 (also Alt. type, \$274 at S. F.); Federal Pipe & Supply Co., \$363.50 at San Francisco. * 25

BIDS OPENED

SAN FRANCISCO.—(Bid No. 5496) Following bids received by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing doors, jams and trim; f.o.b. San Francisco. J. A. Hart Mill & Lumber Co.: \$307; 1% 50; 2% 20; 10 day del. Lannon Bros. Mfg. Co.: net; \$330. Acme Mfg. Co.: \$318.50; 2% 20; 20 day del. R. Brandein & Co.: \$396.25; net. Pacific Mfg. Co.: \$282; net; 10 day del. Western Door & Sash: \$304.24; 2% 30; 10 day del. * 27

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1240, for four single-drum hoists for attachment to and operation with Cetraac "55" tractors, complete; f.o.b. shipping point and/or Pacsteel, Government Island, Oakland.

Bids were:
EmSCO Derrick & Equipment Co., Los Angeles—\$265, each f.o.b. L. A.; \$269.60, f.o.b. Oakland; 2% 30 days.
Smith Booth Usher Co., L. A.—\$265, f.o.b. L. A.; \$269.60, f.o.b. Oakland; 2% 10 days.
Moore Equipment Co., Stockton—\$293, f.o.b. Stockton; \$296, f.o.b. Oakland; 2% 30 days.
Bids held under advisement. * 25

BIDS OPENED

STOCKTON, Cal.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 65133, Req. No. 11089, for one 12-ft., dual-drive, diesel-powered motor grader with scarifier; f.o.b. Stockton, Cal. Turn-in on McCormick Deering Tractor CHC 653.

Bids were:
Spears Wells Machinery Co., Oakland: \$5534, turn-in \$500; net \$5034; d-i-c. \$100 10 days.
Knox-Hale Machinery Co., S. F.: \$5968.80, turn-in \$1205, net \$4763.80; net.
Harron Rickard & McCone Co., S. F.: \$5947.20, turn-in \$1213.54, net \$4,733.66; \$78.52 30 days.
J. D. Adams Co., S. F.: \$6298.80, turn-in \$1360.60, net \$4930; 2% 30 days.
Allis-Chalmers Motor Div.: \$5,236.10, turn-in \$875, net \$4361.10; \$100 30 days.
Weaver-Rye Tractor Co., Sacramento: \$5902.30, turn-in \$1632.80, net \$4269.50; \$50 30 days. * 25

BIDS OPENED

NAPA AND SONOMA COS., Calif.—Following submitted bids to the State Division of Highways, Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for

the rental of (1) one 2500-gal. capacity oil distributor and (2) one 1200-gal. capacity oil distributor for 1000 hours' use in Napa and Sonoma Counties.

Bids were:
A. A. Tieslau, Berkeley—(1) \$6.73, (2) \$5.58.
Portola Truck Service, San Francisco—(2) \$4.34.
Garcia Constr. Co., Irvington—(1) \$5.50, (2) \$4.50.
Basalt Rock Co., Napa—(1) \$6.00, (2) \$5.00.
Chas. Kippingger, Lake Port—(1) \$6.75.
Hayward Bldg. Materials Co., Hayward—(2) \$5.00.
Lee J. Immel, Berkeley—(2) \$4.40. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1237, for one electric powered combination circular saw, jointer, bandsaw, lathe, shaper and mortiser complete; f.o.b. shipping point and/or Placerville.

Bids were:
Harron Rickard & McCone Co., S. F.: \$541.60; f.o.b. San Francisco; \$552.90, f.o.b. Placerville; net.
A. L. Young Machinery Co., \$1140; f.o.b. Leetonia, Ohio; 5% 30 days.
Jenison Machinery Co., \$1195, f.o.b. Sidney, Ohio; \$1295; f.o.b. Placerville. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-170, for 4 welded steel tanks; f.o.b. San Francisco Waterfront.

Bids were:
Independent Iron Works, Oakland, \$976; 1/2 10 days.
Walter R. Cole & Co., \$960; net.
California Steel Products Co., S. F., \$964; 2% 10 days.
Boiler Tank & Pipe Co., Oakland, \$968; 1% 10 days.
The Steel Tank & Pipe Co. of Cal., Berkeley, \$1030; net.
Southwest Welding & Mfg. Co., \$1080; net.
Pacific Coast Engineering Co., Oakland, \$1112; 1/2 10 days.
Pacific Coast Boiler Works, S. F., \$1144; net.
Eastbay Welders, Oakland, \$1248; net.
Saracco Tank & Welding Co., Ltd., S. F., \$1460; net. * 25

BIDS OPENED

SANTA CLARA CO., Cal.—Pacific Truck Service, 646 Park Ave., San Jose, at \$2.99 per hour for each truck submitted the only bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental of two 1600-gal. capacity tank trucks for 500 hours' use in Santa Clara County. * 25

BIDS WANTED

OAKLAND, Cal.—Until June 21, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing pumping engine and 2 truck chassis for the Oakland Fire Dept. Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

OAKLAND, Cal.—Until June 14, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the

rental of trucks, concrete mixer and air compressors.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

OAKLAND, Calif.—Until June 14, 1:00 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing automobiles and trucks, as follows: Automobiles, 20 for the Health Dept., 15 for Police Dept., 2 for Electrical Dept., 3 for Street Dept., 3 for Engineering Dept., and two trucks. Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

MENDOCINO AND LAKE COS., Calif.—Until June 17, 11:10 a.m., bids will be received by the State Division of Highways, Dept. of Public Works, G. F. Hellesco, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental for 200 hours of one tractor-grader with 10-foot blade, for use in Mendocino and Lake Counties.

Bids must be made on proposal forms furnished by the above office. * 25

BIDS OPENED

SAN FRANCISCO.—Following bids submitted to U. S. Forest Service, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1241, for furnishing heating system including oil burner, radiators and pressure tank (1) f.o.b. bidder's shipping point or (2) f.o.b. Loyalton, Cal.:
Grinnell Co., (1) \$356.45; (2) \$380.40; 2% 30 da.
Warren Doble, (1) \$453.65; (2) \$453.65; 2% 20 da.

Walworth Co., (1) \$358.84, (2) \$382.16; 2% 30 da.
U. S. Radiator Corp., (1) \$346, (2) \$375; 2% 20 days.
Crane Co., (1) \$297.12, (2) \$316.56, 2% 30 da.
Tay-Holbrook, (1) \$361.19; 2% 30 days.
Federal Pipe & Supply, (1) \$339.11, (2) \$363.31; 2% 20 da.
Merrill Hubbard, (1) \$344.60, (2) \$371.45; 2% 10 days. * 25

BIDS OPENED

SAN FRANCISCO.—Columbian Steel Tank Co., Kansas City, Mo., at (1) \$2,142 and (2) \$1,220, f.o.b. either San Francisco or Los Angeles, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-38-179, for furnishing two fuel oil tanks. Other bidders were: Western Pipe & Steel Co., (1) \$2540, (2) \$1425, f.o.b. Los Angeles; and (1) \$2645, (2) \$1480, f.o.b. San Francisco; and Ament & Bryan, (1) \$7280.45, (2) \$5840.33, f.o.b. either Los Angeles or San Francisco. Columbian allowed discount of 2% 20 days; other bids net. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1244, for furnace complete, including warm pipe and fittings, etc.; f.o.b. shipping point and/or Alturas, Calif.:
Bids were:
Walworth Co.: \$242.94, f.o.b. shipping point; \$262.70, f.o.b. Alturas, 2% 30 days.
Merrill Hubbard: \$287.25, f.o.b. shipping point; \$315, f.o.b. Alturas; 2% 20 days.

Atlas Heating & Ventilating Co.: \$330, f.o.b. shipping point; \$265, f.o.b. Alturas; 2% 10 days.

BIDS OPENED

KENDRICK PROJ., Wyo.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 77, for furnishing and delivering four 10,000-kv-a, 60-cycle, 6,900 to 66,400/115,000 Y-volt, self-cooled, single-phase transformers, 1 115,000-volt, 600-ampere, 3-phase, oil circuit breaker, three 115,000-volt, 3-pole, manually operated, disconnecting switches, one 115,000-volt, 3-phase lightning arrester, and one 34,500-volt air break switch for installation in the Seminole power plant; four 5,000-kv-a, 63,510/110,000 to 25,500/46,000 Y-volt, self-cooled, single-phase transformers, one 115,000-volt, 600-ampere, 3-phase oil circuit breaker, three 115,000-volt, 3-pole, manually operated, disconnecting switches, and one 115,000-volt, 3-pole lightning arrester for installation in the Greele substation; four 2,500-kv-a, 60-cycle, 63,510/110,000 Y- to 13,500-volt, self-cooled, single-phase transformers, three 115,000-volt, 600-amp, 3-phase, oil circuit breakers, ten 115,000-volt, 3-pole, manually operated, disconnecting switches, and one 115,000-volt, 3-pole lightning arrester for installation in the Rawlins substation, Kendrick Proj., Wyo.

Apparatus will be installed by the Government; fob railroad destination and/or shipping point.

Bids taken on:

- (1) Power transformers;
- (2) Oil circuit breakers;
- (3) Disconnecting switches;
- (4) Air-break switches;
- (5) Lightning arresters.

Bids were:

Moloney Elec. Co., St. Louis, Mo.: (1) \$185,500, wt. 348,000; fob Parco, Wyo.; wt. 298,000; fob Greeley, Colo.; wt. 200,000; fob Cheyenne, Wyo. net.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.: (1) \$196,900, wt. 360,000; fob Parco; wt. 260,000 fob Greeley, Colo.; wt. 168,000 fob Cheyenne; (2) \$68,990, wt. 282,300; net.

American Transformer Co., Newark, N. J.: (1) \$174,090, wt. 88,200 fob Parco; wt. 64,000 fob Greeley; wt. 38,800 fob Cheyenne; net.

Wagner Elec. Corp., St. Louis: (1) \$186,958; weight, 868,400; fob destination; net.

Pennsylvania Transformer Company, Pittsburgh: (1) \$188,176, wt. 368,000; fob Parco; wt. 276,000 fob Greeley; wt. 162,400 fob Cheyenne; net.

Westinghouse Elec. & Mfg. Co., Denver: (1) \$198,759; wt. 308,000 fob Parco; wt. 297,200 fob Greeley; wt. 215,000 fob Cheyenne; (2) \$99,890, wts. 40,400; 39,950; 12,950; (3) \$28,615, wts. 14,476; 10,375; 47,125; (4) \$508, wt. 1,476 fob Parco; (5) \$9,394.56, wt. 3,240; fob Parco; net.

General Elec. Co., Schenectady, N. Y.: (1) \$198,733, wt. 400,000 fob Parco; wt. 278,000 fob Greeley; wt. 160,000 fob Cheyenne; (2) \$69,823, wt. 36,100 fob Parco; wt. 36,100 fob Greeley; wt. 108,300 fob Cheyenne; (3) \$26,602, wt. 15,700 fob Parco; wt. 10,900 fob Greeley; wt. 51,900 fob Cheyenne; (4) \$518, wt. 1,500 fob Parco; (5) \$9,394.56, wt. 3,240 fob Parco, Greeley, Cheyenne; net.

Pacific Elec. Mfg. Corp., S. F.: (2) \$67,600, wt. 50,575 fob Parco; wt. 49,675 fob Greeley; wt. 149,025 fob Cheyenne; (3) \$26,514, wt. 16,125 fob Parco; wt. 11,200 fob Greeley; wt. 52,100 fob Cheyenne; (4) \$589, wt. 1,515 fob Parco; net.

Graybar Elec. Co., Denver: (3) \$39-

330.50, wt. 16,800 fob Parco; wt. 17,250 fob Greeley; wt. 64,000 fob Cheyenne; (4) \$530, wt. 1,600 fob Parco; (5) \$9,394.56, wt. 3,250 fob Parco, Greeley; Cheyenne; net.

Delta Star Elec. Co., Chicago: (3) \$25,969, wt. 16,100 fob Parco; wt. 11,100 fob Greeley; 52,000 fob Cheyenne; (4) \$508, wt. 1,500 net.

Railway & Industrial Engr. Co., Greensburg, Pa.: (3) \$27,640, wt. 16,100 fob Parco; 11,200 fob Greeley; 52,000 fob Cheyenne; (4) \$508, wt. 1,500 fob Parco; net.

Electrical Engrs. Equip. Co., Melrose Park, Ill.: (3) \$27,403, wt. 16,800 fob Parco; 11,500 fob Greeley; 64,000 fob Cheyenne; (4) \$530; wt. 1,600 fob Parco; net.

Hi-Voltage Equipment Co., Cleveland: (3) \$26,753, wt. 15,800 fob Parco; wt. 10,900 fob Greeley; wt. 51,000 fob Cheyenne; (5) \$508, wt. 1,500 fob Parco; net.

Schwitzer & Conrad, Inc., Chicago: (4) \$508, wt. 1,525 fob Parco; net.

The High Tension Co., Inc., Phillipsburg, N. J.: (4) \$550, wt. 2,280. Alt. \$530, wt. 2,280; fob destination; 1%.

Memo Engr. & Mfg. Co., Long Island City, N. Y.: (3) \$24,460, wt. 79,500 fob destination; (4) \$470, wt. 1,300 fob destination; net.

Royal Electric Mfg. Co., Chicago: (3) \$24,620, wt. 14,600 fob Parco; 16,100 fob Greeley; 45,300 fob Cheyenne; (4) \$440, wt. 1,020 fob Parco; net.

Electric Power Equip. Corp., Philadelphia: (3) \$26,810, wt. 16,375 fob Parco; wt. 11,150 fob Greeley; wt. 52,905 fob Cheyenne; (4) \$508, wt. 1,525 fob Parco; net.

Bowle Switch Co., San Francisco: (3) \$26,530, wt. 16,150 fob Parco; wt. 11,100 fob Greeley; wt. 52,200 fob Cheyenne; (4) \$508, wt. 1,525 fob Parco; net.

BIDS OPENED

BUFFALO RAPIDS PROJECT, Mont.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1069-D, for furnishing and delivering (1) two 36-in. motor-operated gate valves; (2) one motor-driven deep well type pumping unit; (3) one motor-driven, rotary type vacuum pumping unit; (4) and one 10-ton traveling crane, for the Glendive pumping plant, Glendive division, Buffalo Rapids Project, Mont.; f.o.b. shipping point and/or Fallon, Mont. Apparatus will be installed by the Government.

Bids were:

Warner Co., Denver, Colo., (2) \$369.14 plus \$4.40; f.o.b. Fallon, Mont.

Mountain States Mach. Co., Los Angeles, Cal., (2) \$234.60, wt. \$450; f.o.b. L. A.

Fairbanks-Morse & Co., Denver, Colo., (2) \$269.66; f.o.b. Fallon, Mont.

Worthington Pump & Machine Co., Harrison, N. J., (2) \$300.48; Alternate \$269.68; wt. 980; f.o.b. Fallon, Mont.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, (2) \$295, wt. 795; (3) \$408, wt. 925; (4) \$2057, wt. 10,800; Items 2 and 3, 2%; item 4 net; f.o.b. Glendive, Mont.; Item 4, Tonawanda, N. Y.

F. H. Whiting Co., Denver, (2) \$303, wt. 675; f.o.b. Lawrenceburg, Ind.

Crane-O'Fallon Co., Denver, (1) \$5,551, wt. 21,740; Alternate \$5330, wt. 21,740; 2%; f.o.b. Fallon.

Cyclops Iron Works, San Francisco, (4) \$1529, wt. \$300; Alternate \$1,691, wt. \$300; 1%; f.o.b. San Francisco.

Food Mach. Corp., John Bean Mfg. Co. Div., San Jose, Cal., (2) \$312, wt. \$64; f.o.b. San Jose.

Cleveland Crane & Engrg. Co., Wickliffe, Ohio, (4) \$2616, wt. 9500; f.o.b. Wickliffe.

American Chain & Cable Co.-Wright Mfg. Div., York, Pa., (4) \$3,148.44, wt. 10,068; 2%; f.o.b. York.

Euclid Crane & Hoist Co., Euclid, Ohio, (4) \$2030, wt. 8,700; f.o.b. Euclid.

Whiting Corp., Harvey, Ill., (4) \$3160, wt. 10,800; f.o.b. Fallon.

Harnischfeger Sales Corp., Milwaukee, (4) \$3805, wt. 11,800; f.o.b. Milwaukee.

Victor R. Browning, Willoughby, Ohio, (4) \$3673, wt. 16,000; 1%; f.o.b. Willoughby.

Hesse-Strud Iron Works, Portland, Ore., (2) \$305, wt. 1100; (4) \$3,380, wt. 14,600; 1%; f.o.b. Portland.

Nash Engrg. Co., South Norwalk, Conn., (3) \$408, wt. 525; 2%; f.o.b. South Norwalk.

Aurora Pump Co., Aurora, Ill., (2) \$357.60, wt. 1100; 2%; f.o.b. Fallon, Mont.

Victor Equipment Co., Kimball-Krogh Div., Los Angeles, (2) \$294.70, wt. 1000; f.o.b. Los Angeles.

Indian Orchard Valve Mfg. Co., Indian Orchard, Mass., (1) \$3288, wt. 22,800; 2%; f.o.b. Indian Orchard.

Maris Bros., Inc., Philadelphia, Pa., (4) \$2112, wt. 12,500; 1%; f.o.b. Philadelphia.

Sterling Pump Corp., Stockton, Calif., (2) \$350, wt. 1000; f.o.b. Fallon, Mont.

Manning Maxwell & Moore, Inc., Shaker Box Crane & Hoist Div., Muskegon, Mich., (4) \$2279, wt. 8750; fob Muskegon.

Shepard-Niles Crane & Hoist Co., Montour Falls, N. Y., (4) \$2630, wt. 11,500.

Koppers Co., Western Gas Div., Fort Wayne, Ind., (4) \$4183, wt. 18,850; f.o.b. Fort Wayne.

Detroit Hoist & Mach. Co., Detroit, Mich., (4) \$2815, wt. 10,000; fob Fallon.

Roeper Crane & Hoist Works, Inc., Reading, Pa., (4) \$1995, wt. 9,800; 2%; f.o.b. Reading.

Bedford Foundry & Machine Co., Bedford, Ind., (4) \$2571, wt. 15,000; f.o.b. Bedford.

Chisholm-Moore Hoist Corp., Tonawanda, N. Y., (4) \$2062, wt. 10,800; f.o.b. Tonawanda.

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-165, for furnishing (1) one storage water heater, complete, fully automatic; (2) two domestic hot water heaters, complete, oil-fired, and (3) one hot water storage tank; f.o.b. San Francisco Waterfront.

Bids were:

Berkeley Steel Constr. Co., Inc., Berkeley, (3) \$142; 1/2% 10 days.

California Steel Products Co., (3) \$119; 2% 10 days.

Ray Oil Burner Co., (2) \$393; net.

Western Pipe & Steel Co., (3) \$122; net.

E. A. Correy, Inc., (1) \$73, (2) \$86.50; 2% 10 days, 1% 20 days.

Crane Co., (1) \$67; 2% 30 days.

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until June 24, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1085-D, for furnishing and delivering structural steel roof framing for the Seminole power plant, Kendrick Project, Wyo.; f.o.b. shipping point and/or Parco, Wyo. Structural steel roof framing will be erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.50, not returnable. * 25

CONTRACT AWARDED

YOSEMITE NATIONAL PARK, Cal.—Hayward Bldg. Mats. Co., Atherton and Jackson Sts., Hayward, at \$3.50 per hour, submitted low bid and was awarded contract by the Yosemite National Park Service, Lawrence C. Merriam, Supt., Yosemite National Park, under Bid No. 264, for rental of two concrete truck mixers. * 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—John Burman & Sons, 2404 F Street, Eureka, at \$4.50 per hour, submitted low bid to the State Division of Highways, Dept. of Public Works, 3 E. Hellesee, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of one 50-hp. tractor with 10-ft. angle bulldozer, for 160 hours' use in the vicinity of Laytonville.

Total bids follow:

John Burman & Sons, 2404 F St., Eureka, \$4.50 per hour.
A. Soda & Son, Oakland, \$5.24 hr.
Chas. Kuppinger, Lakeport, \$5.50 hr.
W. E. Karstedt, San Jose, \$6.25 hr. * 25

CONTRACT AWARDED

SAN FRANCISCO—Schott & Katz, 1185 Mission St., San Francisco, at \$198.40, 2% 10 days, 1% 20 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-169, for one air compressor unit, gasoline engine operated; f.o.b. U. S. Engineer Office, Honolulu, T. H.

Total bids follow:

Scott & Katz, 1185 Mission Street, San Francisco, \$198.40, 2% 10 days, 1% 20 days.
The Merrill Co., San Francisco, \$201, net.
Ingersoll-Rand Co., S. F., \$369; net. * 25

BIDS WANTED

LODI, San Joaquin County, Calif. Until June 13, 8:00 P. M., bids will be received by the Lodi Union High School District Trustees, W. J. Coffield, Clerk, in the office of the Principal, for furnishing one school bus.

Specifications may be obtained from the above office. * 25

BIDS WANTED

BOULDER CANYON PROJECT—Until June 24, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1081-D, for furnishing and delivering two 12-inch, 300 lb., single-strainers, two 12-inch, 125-lb. twin strainers, six 4-inch, 125-lb. 90-deg. angle strainers; four 8x10-inch water-jet educators; two 4-in. 300 lb. air-relief valves; four 10-inch, 125-lb. balanced check valves, four 12-inch, 300-lb. balanced check valves, and six 4-inch, 125-lb. swing check valves for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government. f.o.b. shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50 not returnable * 25

CONTRACT AWARDED

TRUCKEE STORAGE PROJECT: Commercial Iron Works, Portland,

Oregon, at \$10,811.91 was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., Under Spec. No. 1057-D, for furnishing and delivering high-pressure gate assembled for installation in the gate chamber of the outlet works at Boca Dam, Truckee Storage Project, Nevada, Calif. * 25

BIDS WANTED

COLUMBIA BASIN PROJECT, Washington—Until June 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1080-D, for furnishing and delivering 18 cast-steel draft-tube pier noses and 108 anchor-bolt assemblies for the Grant-Coollee power plant, Columbia Basin Project, Washington. f.o.b. shipping point and/or Odair, Wn. Material will be installed by the government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25 not returnable. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until June 14, 2 P. M., bids will be received by the chief clerk, Federal Jail, Terminal Island, for electric supplies, luminaire units, etc., for installation of a gasoline engine generator, including 2175 ft. 300,000 CM cable, 800 ft. steel conduit, 4000 ft. 600-volt service entrance cable; 4000 ft. rubber-covered wire, No. 8 to 12; two control stations, switches, misc. elec. supplies for installation of shop equipment, inc. 1560 ft. No. 2 to No. 10 rubber-covered wire. Invt. No. 43. C. E. Cooper, chief clerk. * 25

BIDS WANTED

GRAND COULLEE DAM, Wash.—Until July 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 789, for furnishing and delivering forty 102-inch diameter welded plate-steel conduit linings with pipe supports, pipe plugs for grouting, flange stud bolts, and field-welding electrodes and 880 anchor bolts for the outlet works at Grand Coulee Dam, Columbia Basin Proj., Wash.; f.o.b. shipping point and/or Odair, Wash. Linings will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00, not returnable. * 25

BIDS WANTED

DENVER, Colo.—Until June 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1084-D, for furnishing and delivering one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at the Grand Coulee Dam, Columbia Basin project, Wash.; one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at Marshall Ford Dam, Colorado River Proj., Texas; and one 8x14-ft. bulkhead gate for installation at the inlet of any one of the three station-service penstocks at the Grand Coulee Dam; f.o.b. shipping point and/or railroad destination. Gates will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.75, not returnable. * 25

BIDS OPENED

BOULDER CANYON PROJECT—Following submitted low bids to the Bureau of Reclamation, Denver, Col., under Spec. No. 1072-D, for furnish-

ing and delivering ventilating and air-cooling equipment for installation in the Boulder power plant, Boulder Canyon Project; f.o.b. shipping point and/or Boulder City, Nev. Equipment will be installed by the Government and all motor controls will be furnished by the Government.

The bids were:

B. F. Sturtevant Co., Kansas City, Mo., (1) \$2950.24, wt. 15,800; f.o.b. Readville, Mass.; (2) \$792, wt. 1850; Combination \$3742.24; f.o.b. LaCrosse, Wisc.; net.

The Bishop & Babcock Mfg. Co., Cleveland, Ohio—(1) \$3,282, wt. 14,500; (2) \$243, wt. 460; f.o.b. Boulder City, Nevada; 2%.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.—(1) \$3,573, wt. 17,160; f.o.b. Boulder City; net.

Stone Heating & Ventilating Co., Washington, D. C.—(1) \$3360, wt. 21,000; f.o.b. Lancaster, Pa.; (2) \$800, wt. 2000; Combination \$4100; f.o.b. LaCrosse, Wisc.; net.

American Blower Corp., Detroit, Mich.—(1) \$3467, wt. 17,050; (2) \$552; wt. 970; Combination \$3927; net; f.o.b. Boulder City.

English-Lauer, Inc., Los Angeles, Cal.—(1) \$3396, wt. 15,900; 1%; f.o.b. Boulder City.

Clarage Fan Co., Kalamazoo, Mich.—(1) \$3830, wt. 16,000; (2) \$626, wt. 800; f.o.b. Boulder City; net.

Robinson Ventilating Co., Zelenople, Pa.—(1) \$2820, wt. 24,816; f.o.b. Boulder City; 2%.

The New York Blower Co., Chicago, Ill.—(1) \$4064.10; wt. 18,000; (2) \$830, wt. 1200; Combination \$4894.10; f.o.b. Boulder City; net.

Heating & Ventilating Products Co., Denver, Colo.—(2) \$429.76, wt. \$840; f.o.b. Boulder City; 2%.

U. S. Air Conditioning Corp., Minneapolis, Minn.—(1) \$3175, wt. 13,800; f.o.b. Minneapolis; 2%. * 25

BIDS OPENED

YAKIMA PROJECT, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Col., under Spec. No. 1070-D, for furnishing and delivering three 15,200-lb. capacity gate hoists and one motor-driven hoist-drive unit for the Pomona siphon wasteway, Roza Division, Yakima Project, Wash.; f.o.b. shipping point and/or Pomona, Wash. Materials will be installed by the Government.

Bids were:

Kinmont Mfg. Co., Inc., Los Angeles, Calif.—\$2782, wt. 6000; ½%; f.o.b. Los Angeles.

The Filer & Stovell Co., Milwaukee, Wis.—\$2131, wt. 6000; net; f.o.b. Milwaukee.

Koppers Co., Western Gas Division, Fort Wayne, Ind.—\$2433, wt. 7000; net; f.o.b. Fort Wayne.

Smith Corp., d.b.a. General Iron & Steel Works, Portland, Oregon—\$2154, wt. 6450; net; f.o.b. Portland.

Western Foundry Co., Portland, Ore.—\$2150.21, wt. 6375; net; f.o.b. Portland.

Los Angeles Shipbuilding & Drydock Corp., San Pedro, Cal.—\$3450, wt. 5600; net; f.o.b. San Pedro.

Valley Iron Works, Yakima, Wash.—\$2,400, wt. 6200; 5%; f.o.b. Yakima.
John W. Beam, Denver, Colo.—\$2,850, wt. 6000; ½%; f.o.b. Denver.

Commercial Iron Works, Portland, Ore.—\$1898, wt. 5700; ½%; f.o.b. Portland.

McKiernan-Terry Corp., New York \$3967, wt. 7000; net; f.o.b. Dover, N. J.

Puget Sound Machy, Depot, Seattle, Wash.—\$2637, wt. 7550; net; f.o.b. Seattle.

Superior Iron Works Co., Superior, Wis.—\$2550, wt. 6000; net; f.o.b. Superior.

Goodman Mfg. Co., Chicago, Ill.—
\$3596; wt. 6500; net; f.o.b. Chicago.

25

26—RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until June 23, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Contract No. 175, for the reconstruction of Judah Street tracks between 18th and 20th Avenues.

Plans and specifications may be obtained from Room 605, San Francisco Water Dept., 425 Mason St., San Francisco, upon the deposit of \$10.00.

26

CONTRACT AWARDED

WHITE PINE COUNTY, Nev.—Western Railroad Supply Co., Chicago, at \$3,449.00 awarded contract by the Directors of the Department of Highways of the State of Nevada, Heroes' Memorial Bldg., Carson City, for the construction of grade crossing signals on the State Highway at the Ely Cemetery crossing of the Nevada Northern Railroad, Route 2, Section D-1, White Pine County.

26

27—WPA PURCHASES, RENTALS

CONTRACT AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous materials and equipment for use on WPA projects:

BID NO. 5396: C. L. Jordan, \$5.45 per hr.; net; tractor and carry-all.

BID NO. 5336: C. N. Moore; 3 trucks at \$120 per month; net; and A. Maccaggi and Geo. Lancia; two trucks at \$100 per month; 11% 20 days.

BID NO. 5445: Mission Foundry and Stove Works; \$1560; 2% 20; cast iron castings.

BID NO. 5448: Golden West Quarry; \$16488; 2% 30; crushed rock.

BID NO. 5451: Olsen & Heffernan; (Lot 1) \$193.15; 2% 30; and P. E. O'Hair (Lot 2), \$188.45; 2% 30; plumbing supplies.

BID NO. 5453: A. J. Glensener Co.; \$276.40; 2% 30; torches and suction hose.

BID NO. 5458: Gladding Bros. Mfg. Co.; \$345; net; field tile.

BID NO. 5459: United Lbr. Yards, Inc.; \$684.40; net; portland cement.

27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing miscellaneous materials and equipment, for use on WPA projects:

BID NO. 5420—W. A. Croll; \$48 per mo.; 2% 20; ½-ton pickup truck.

BID NO. 5460—Readv. under Bid No. 5496.

BID NO. 5394—Chas. L. Harney; \$3.73 per hr.; net; 10-ton roller.

BID NO. 5430—Consumers Rock & Cement; \$650; 2% 30; loam.

BID NO. 5432—Monterey Bay Redwood Co.; \$909.04; 2% 20; Redwood lumber.

BID NO. 5435—Hayward Bldg. Supply; \$414; net; emulsified asphalt.

BID NO. 5438—Maiser Bros. Lumber Co.; \$325; net; Portland cement.

BID NO. 5441—Steel Tank & Pipe Co.; \$5554; net; steel pipe.

BID NO. 5442—Mission Bldg. Mats.;

\$607.62; 10 cents per bbl. 30 da.; Portland cement.

BID NO. 5461—Moyes & Sheperd; \$1723.50; net; well drilling.

BID NO. 5438—Shell Oil Co.; \$7.90; net; asphalt.

27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing materials and equipment for use on WPA projects:

BID NO. 5465: United Lumber Yards, Inc.; \$348.67; 2% 30; Douglas fir.

BID NO. 5467: Calif. Corru. Culvert Co.; \$1314.24; net; culvert pipe.

BID NO. 5473: Basalt Rock Co., Inc.; \$800; \$0.10 per ton, 10th prox.; asphaltic surfacing plant mix.

BID NO. 5482: U. S. Pipe & Foundry; \$7975; net; cast iron water pipe.

BID NO. 5463: California Wire Cloth Corp.; \$384.58; 2% 20 da.; fine cloth and wire.

BID NO. 5472: Ceco Steel Products; \$286.09; net; reinf. steel and wire.

BID NO. 5471: Calif. Pottery; \$731.14 2% 30; clay sewer pipe.

BID NO. 5476: Diamond Match Co.; \$362.50; net; Portland cement.

BID NO. 5431: Taft Lumber Co., Inc. \$1192.38; 2% 30; Douglas fir and Redwood lumber.

27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and rental of equipment, as follows:

June 15, 10:00 A. M.
BID NO. 5534—1,000 sacks Portland cement; f.o.b. Larkin and Polk Sts., San Francisco.

June 16, 10:00 A. M.
BID NO. 5525—2900 redwood split posts; f.o.b. Santa Cruz and Monterey Counties.

BID NO. 5532—40 tons asphaltic concrete, 60 gals. emulsified asphalt and 50 gals. concrete curing material; f.o.b. Larkin and Beach Sts., San Francisco.

BID NO. 5533—40 tons asphaltic concrete, 60 gals. emulsified asphalt and 50 gals. concrete curing material; f.o.b. Larkin and Beach Sts., San Francisco.

June 17, 10:00 A. M.
BID NO. 5535—2 centrifugal pumps, 10,000 gals. capacity, complete; f.o.b. Kearny and Washington Sts., San Francisco.

27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous materials and equipment for use on WPA projects:

BID NO. 5438: Shell Oil Co., \$7.90 for 83 tons; Tide Water Asso. Oil Co., \$7.90 for balance; net; 98 tons emulsified asphalt.

BID NO. 5468: San Jose Supply House; \$419.04; 2% 30; milk cans.

BID NO. 5466: Line Materials Co.; \$499.30; net; street hoods.

BID NO. 5475: Consumers Rock and Cement; \$616.50; 10c per ton, 30; crushed rock.

BID NO. 5480: Calif. Corru. Culvert; \$1021.18; ½ of 1% 20; CMP culvert.

BID NO. 5454: Pacific Mfg. Co.; \$272 net; window frames, doors, sash.

BID NO. 5474: Lee J. Immel; \$444; net; emulsified asphalt.

27

29—STREETS AND HIGHWAYS

CONTRACT AWARDED
SAN MATEO, Cal.—Pacific Truck

Service, Inc., 646 Park Avenue, San Jose, at \$2,172.43 was awarded contract by the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, for the removing and reconstruction of 6-inch hydraulic cement concrete curbs and gutters, for the final preparation of the sub-grade and the construction of 1½-in. armor coat surface and bringing to proper grade any existing manholes, valves or gatebox frames on Ninth Avenue between El Camino Real and the NE line of B Street and on B St., Rosewood Drive, Laurel Ave., and Palm Ave. at the intersection thereof with Ninth Ave., San Mateo.

29

June 7, 1938.

BIDS OPENED

STATE OF OREGON.—Bids were opened and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, Oregon, for bridge and highway construction, as follows:

COLUMBIA CO.: Sheeley Bridge Section of Upper Nehalem County Road, Federal Aid Secondary Proj. No. FAS 279-A; 3.22 miles surfacing and oiling. Requires approximately 1400 c.y. crushed rock or crushed gravel, and 34,000 sq. yds. oil mat surface treatment.

Low Bidder: Warren-Northwest Inc., P.O. Box 5072, Portland, \$12,573 for tar; bid rejected.

COLUMBIA COUNTY: St. Helens-Warren Section of Columbia River Highway, Federal Aid Project No. 27-A; 3.95 miles grading and asphaltic concrete paving. Requires approximately 15,500 c.y. excavation; 14 c.y. concrete; 7,000 lbs. metal reinforcement; 20,300 c.y. crushed rock or crushed gravel; and 12,800 tons asphaltic concrete.

Awarded: Newport Constr. Co., and Kern & Kibbe, 42 SE Salmon, Portland—\$87,614.

Other Bidders: E. C. Hall Co., Eugene, and Warren-Northwest, Inc., Portland, \$90,752; Theodore Arenz, Portland, \$97,824; Harold Blake, Portland, \$100,815.

JACKSON COUNTY: Bear Creek-Ashland Section of Pacific Highway, Federal Aid Project No. 157-D; 0.41 mile of roadside improvement, requiring approx. 1,500 c.y. excavation; 40,000 sq. ft. grass seeding; and planting 30 trees, 91 shrubs and 7 vines.

Awarded: M. C. Liniger & Son, Ashland, Ore.—\$3655.

Other Bidder: River Bend Sand & Gravel Co., Salem—\$6504.

KLAMATH COUNTY: Williams-n-River Bridge Section of The Dalles-California Highway, Federal Aid Project No. 83-A. Construct 342 l.f. reinforced concrete bridge, requiring approx. 810 c.y. excavation; 750 c.y. concrete; 147,000 lbs. metal reinforcement, and 710 l.f. concrete handrail.

Awarded: Mountain States Constr. Co., 12th and Grant, Eugene, Ore.—\$31,790.

Other Bidders: C. A. Dunn, Klamath Falls, \$32,855; Tom Lillebo, Redsoot, \$34,655; Kuckenbergs Cons. Co., Portland, \$35,513; W. D. Miller Constr. Co., Klamath Falls, \$38,524; C. J. Montag, Portland, \$36,582; G. I. Stebbins, Klamath Falls, \$38,139; Leonard & Slate, Multnomah, \$40,000.

LAKE COUNTY: Cottonwood Ch.-Maddock Corner Section of Klamath Falls-Federal Highway, Federal Aid Secondary Project No. FAS 29-A; 2.0 miles grading and talus rock roadbed topping. Requires approx. 50,000 c.y. excavation, and 14,000 c.y. talus rock topping.

Awarded: McNutt Bros., 351½ Broadway, Eugene—\$23,834.

Other Bidders: E. L. Rigdon, Paisley, Ore., \$26,014; E. C. Hall Co., Eu-

ene, \$26,041; Babler Bros., Portland, 26,711; Clifford A. Dunn, Klamath Falls, \$26,740; D. L. Ashton, Lebanon, 28,836; Leonard & Slate, Multnomah, \$30,503; F. C. Dillard, Medford, 33,047.

LINN COUNTY: Peoria-Harrisburg Section of Corvallis-Harrisburg County Road. Federal Aid Secondary Project No. FAS 263-B; 6.0 miles of surfacing and 12.94 miles oiling. Requires approx. 13,400 c.y. of rock or gravel materials in surfacing, and 36,700 sq. yds. oil mat surf. treatment.

Awarded: C. A. Dunn, Klamath Falls, Ore.—\$38,461, road oil.

Other Bidders: Edwin C. Gerber, Oregon City, \$39,352 (road oil); Saxton, Looney & Risley, Oak Grove, Ore., \$39,811 (road oil); O. C. Yocum, Portland, \$40,728 (road oil); McNutt Bros., Eugene, \$42,141 (road oil); Babler Bros., Portland, \$42,227 (road oil); E. C. Hall Co., Eugene, \$42,626 (road oil); Harold Blake, Portland, \$43,234 (tar); J. C. Compton, McMinnville, Ore., \$44,972 (road oil); Warren-Northwest Inc., Portland, \$46,163 (road oil).

MARION COUNTY: Roberts-Orrville Section of Halls Ferry County Road. Federal Aid Secondary Project No. FAS 12-A; 3.33 miles surfacing and oiling. Requires approx. 8,200 c.y. rock or gravel materials in surfacing; and 35,000 sq. yds. oil mat surface treatment.

Low Bidder: McNutt Bros., Eugene, Ore., \$13,804 for road oil; \$14,307 for tar; referred to Engineer.

Other Bidders: Harold Blake, Portland, \$16,649 (tar); Edwin C. Gerber, Oregon City, \$16,852 (road oil); River Bend Sand & Gravel Co., Inc., Salem, \$18,236 (tar); J. C. Compton, McMinnville, Ore., \$18,669 (tar); Saxton, Looney & Risley, Oak Grove, Ore., \$19,374 (tar); Warren-Northwest, Inc., Portland, \$20,135 (tar); Babler Bros., Portland, \$20,423 (tar); \$20,477 (road oil).

MULTNOMAH CO.: Washington County Line-Skyline Blvd. Section of Northwest Thompson County Rds. Federal Aid Secondary Project No. FAS 7-A; 1.73 miles grading, surfacing and oiling. Requires approximately 5,300 c.y. excavation; 6,800 c.y. crushed rock; and 20,300 sq. yds. oil mat surface treatment.

Low Bidders: Saxton, Looney & Risley, Oak Grove, Ore., \$32,669; referred to Multnomah County Roadmaster.

Other Bidders: Harold Blake, Portland, \$33,301; Homer G. Johnson, Portland, \$36,239; Babler Bros., Portland, \$37,568.

MULTNOMAH CO.: Airport Road Overcrossing on Northeast 42nd Ave. over O.W.R.&N. tracks at Northwest Portland Highway. Project No. WFGS-285-B. Requires approx. 1,250 c.y. excavation; 710 c.y. concrete; 105,000 lbs. metal reinforcement; 300,000 lbs.; structural steel; and 620 lf. metal handrail.

Awarded: Barham Bros., 1010 N. 18th, Portland, Ore.—\$41,537.

Other Bidders: Shattuck & Neland, Portland, \$42,003; Frank Watt Constr. Co., Portland, \$43,296; Averill & Corbin, Portland, \$45,445; Gil-phin Constr. Co., Portland, \$45,670; Birkemeier-Saremal Co., Milwaukie, Ore., \$45,830; Kuckenberg Construction Co., Portland, \$45,693; L. H. Hoffman, Portland, \$45,098; Parker-Schram Co., Portland, \$47,305; Portland Bridge Co., Portland, \$49,090; Theodore Arenz, Portland, \$51,980; Kern & Kibbe, Portland, \$55,645.

WASCO COUNTY: Chenoweth Cf.-The Dalles Section of Chenoweth Co. Road. Federal Aid Secondary Project No. FAS 20-A; 0.70 mile grading, and 1.19 miles surfacing and oiling. Re-

quires approx. 3,100 c.y. excavation; 3,200 c.y. crushed rock; and 14,000 sq. yds. oil mat surface treatment.

Low Bidder: H. L. Rice, 2905 SE Pine, Portland, Ore.—\$12,884; bids rejected. * 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until June 30, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.9 ml. grading and paving with asphalt concrete, Portland cement concrete and plant-mixed surfacing, between Pasadena Ave. and Avenue 22, Los Angeles Co., Cal.

Work involves:

- (1) 49 sta. clear and grub right of way;
- (2) 500 M. gals. water;
- (3) 2700 c.y. remove conc.;
- (4) 7000 c.y. roadway excav., without classification;
- (5) 11,000 c.y. struc. excav.;
- (6) 12,500 sq. yds. preparing sub-grade;
- (7) 49 sta. finish roadway;
- (8) 300 tons min. agg. plant-mix surf.;
- (9) 15 tons liq. asph., SC-4 plant-mix surf.;
- (10) 26,000 sq. yds. asph. paint binder;
- (11) 300 tons asph. conc.;
- (12) 750 c.y. class B portland cement concrete pavement and base;

- (13) 8000 lbs. bar reinf. steel;
- (14) 2900 each, pavement dowels;
- (15) 15,000 lbs. misc. iron and steel;
- (16) 145 c.y. class A portland cement concrete strucs.;
- (17) 71 c.y. class C portland cement concrete pipe reinf.;
- (18) 850 lf. 12-in. stand. reinf. conc. pipe;
- (19) 410 lf. 15-in. stand. reinf. conc. pipe;
- (20) 750 lf. 18-in. stand. reinf. conc. pipe;
- (21) 350 lf. 21-in. stand. reinf. conc. pipe;
- (22) 830 lf. 30-in. special reinf. conc. pipe;
- (23) 380 lf. 33-in. special reinf. conc. pipe;
- (24) 820 lf. 36-in. special reinf. conc. pipe;
- (25) 70 lf. 36-in. CMP;
- (26) 2200 lf. 6-in. vit. clay pipe;
- (27) 1350 c.y. class A portland cement concrete curbs, gutters, sidewalks and driveways;
- (28) 800 lf. curb bar;
- (29) 900 lf. curb armor;
- (30) 26 each, adjust manholes to grade;
- (31) 2360 lf. 1½-in. conduit;
- (32) 175 lf. 2-in. conduit.

The state will furnish CMP and band couplers as more explicity, etc. Plans and specifications may be obtained from the above office. * 29

- (13) 8000 lbs. bar reinf. steel;
- (14) 2900 each, pavement dowels;
- (15) 15,000 lbs. misc. iron and steel;
- (16) 145 c.y. class A portland cement concrete strucs.;
- (17) 71 c.y. class C portland cement concrete pipe reinf.;
- (18) 850 lf. 12-in. stand. reinf. conc. pipe;
- (19) 410 lf. 15-in. stand. reinf. conc. pipe;
- (20) 750 lf. 18-in. stand. reinf. conc. pipe;
- (21) 350 lf. 21-in. stand. reinf. conc. pipe;
- (22) 830 lf. 30-in. special reinf. conc. pipe;
- (23) 380 lf. 33-in. special reinf. conc. pipe;
- (24) 820 lf. 36-in. special reinf. conc. pipe;
- (25) 70 lf. 36-in. CMP;
- (26) 2200 lf. 6-in. vit. clay pipe;
- (27) 1350 c.y. class A portland cement concrete curbs, gutters, sidewalks and driveways;
- (28) 800 lf. curb bar;
- (29) 900 lf. curb armor;
- (30) 26 each, adjust manholes to grade;
- (31) 2360 lf. 1½-in. conduit;
- (32) 175 lf. 2-in. conduit.

The state will furnish CMP and band couplers as more explicity, etc. Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

AMADOR CO., Cal.—Lang Transportation Corp., 5501 Santa Fe Avenue, Los Angeles, at \$739,84, awarded contract by the State Division of Highways, Public Service Building, Sacramento, for furnishing and applying liquid asphalt on about 5.5 miles between 0.3 mile east of Plymouth and Fiddletown, Amador Co. * 29

CONTRACT AWARDED

PLUMAS CO., Cal.—Harms Bros., Susanville, at \$43,077, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 7.4 ml. grading between southerly boundary and Vinton, Plumas County, Cal. * 29

CONTRACT AWARDED

TRINITY CO., Calif.—Harms Bros., Susanville, at \$19,739, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 2.2 ml. grading, placing imported surfacing material and applying penetration oil treatment between one mile southwest of Hayfork and one-half mile east of Duncan Creek, Trinity County. * 29

CONTRACT AWARDED

SAN MATEO, Calif.—W. O. Tyson, Box 888, Redwood City, at \$2,128.37, submitted low bid and was awarded contract by the San Mateo City Council, Wm. D. Soule, City Manager, City Hall, for street maintenance on unpaved streets in the City of San Mateo.

Work involves:

- (1) 17,500 sq. yds. scarifying and shaping;
- (2) 13,250 gals. road oil;
- (3) 130 tons rock dust;
- (4) 50 tons rock;
- (5) 2300 gals. emulsified asphalt;
- (6) 65 tons screening;
- (7) motor patrol, per day, for ten days.

Total bids follow:

- (A) W. O. Tyson, Box 888, Redwood City—\$2,128.37.
- (B) L. C. Smith, San Mateo—\$2,330.
- (C) Pacific Truck Service, Inc., San Jose—\$2,580.25.
- (D) H. E. Casey Co., San Mateo—\$6,099.12.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$0.03	\$0.035	\$0.04	\$0.2375
(2).....	.0475	.05	.06	.0675
(3).....	1.85	2.20	2.20	2.25
(4).....	1.85	1.55	2.50	2.50
(5).....	.07	.075	.085	.0875
(6).....	2.25	2.60	2.75	3.00
(7).....	40.00	36.00	30.00	40.00

* 29

BIDS REJECTED

SAN MATEO, Calif.—The San Mateo City Council, Belton Rhodes, City Clerk, City Hall, rejected all bids for the removing and construction of a 6-inch hydraulic cement concrete curb and gutter and the final preparation of the subgrade and construction of a 1½-inch armor coat surface, and bringing to proper grade of existing manholes, valves or gate box frames on Delaware Street, San Mateo.

Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$3,083.65, submitted low bid. * 29

BIDS WANTED

WASHOE CO., Nev.—Until June 23, 2 p.m., bids will be received by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 22.50 ml. construction of a roadmix bituminous surface on a portion of the State Highway system from ten miles north of Reno to Pyramid Lake, Route 33, Section, Washoe Co., Nevada.

Work involves:

- (1) 1122 tons liq. asph., type SC2;
- (2) 2250 ml. roadmix.

Plans and specifications may be Highway Engineer, Carson City, Nevada and from the District Office of the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, \$5.00 of which will be refunded. * 29

BIDS WANTED

WHITE PINE CO., Nevada.—Until June 23, 1:30 p.m., bids will be received by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 26.97 ml.

construction of Class B-1 roadmix bituminous surface on a portion of the State Highway system from Lincoln-White County line to the east foot of Connor's Pass, Route 7, Sections A1, A2 and A3, White Pine County.

Work involves:

- (1) 271 tons liquid asphalt, type RC-2 (seal);
- (2) 2140 tons liq. asph., type SC-2 (readymix);
- (3) 26.97 mi. roadmix;
- (4) 254 culvert markers.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office of U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, \$5.00 of which will be refunded.

29

BIDS WANTED

LINCOLN CO., Nev.—Until June 23, 1:45 p.m., bids will be received by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 25.06 mi. of construction of Class B-1 roadmix bituminous surface on a portion of the State Highway system from Pony Springs to the Lincoln-White Pine County Line, Route 7, Sections D2 and 3, Lincoln County, Nev.

Work involves:

- (1) 252 tons liq. asph., type RC-2 (seal);
- (2) 1970 tons liq. asph., type SC-2 (roadmix);
- (3) 25.06 mi. roadmix;
- (4) 284 culvert markers.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office of the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, \$5 of which will be refunded.

29

BIDS WANTED

PINE RIVER PROJECT, Colo.—Until June 30, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Durango, Colorado, under Spec. No. 1063-D, for construction of a relocated road at the Vallecito Reservoir, Pine River Project, Colorado. Work is located 23 miles north of Bayfield.

Estimated quantities are:

- (1) 26,000 c.y. of all classes of excavation for road;
- (2) 14,000 sta. yds. overhaul;
- (3) 500 c.y. excav. for culverts;
- (4) 100 c.y. backfill;
- (5) 6 c.y. dry rubble masonry;
- (6) Laying 1,210 lf. 18-in. to 72-in. diam. CMP.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00 per copy, not returnable.

29

CONTRACT AWARDED

SAN MATEO, Cal.—Pacific Truck Service, Inc., 646 Park Avenue, San Jose, at \$2,322.90 was awarded contract by the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, for the preparation of a rock base by scarifying and adding additional rock where required, the blading and bringing to a uniform grade and cross section, and the wetting and compacting of rolling, and the construction of a 1½-in. armor coat surface on Palm Avenue between 12th Ave. and Bell St., San Mateo.

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal.—J. Henry Harris, 2425 Valley Street,

Berkeley, at \$479.14, submitted low bid and was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for grading Ninth Street, between Peter and Jones Sts., Berkeley.

Lee J. Immel, Berkeley, at \$520.95, submitted only other bid.

29

BIDS WANTED

SONOMA CO., Calif.—Until June 29, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.4 miles grading and surfacing with plant mix surfacing between 1.5 miles southwest of Sebastopol and 3.9 miles southwest of Sebastopol, Sonoma County.

Work involves:

- (1) Clear and grub;
- (2) 365 M. gals. water;
- (3) 1,850 c.y. remove exist. conc.
- (4) 11,200 c.y. rdwy. excav., unclass.
- (5) 141,000 sta. yds. overhaul;
- (6) 855 c.y. struc. excav.;
- (7) 200 c.y. ditch and channel excav.
- (8) 14,500 c.y. imported borrow;
- (9) 11,800 c.y. imported surf. matl.;
- (10) 124 sta. finish rdwy.;
- (11) 26 tons liquid asph., SC-2 prime coat;
- (12) 2,800 tons min. agg., plant mix surf.;
- (13) 154 tons liq. asph. MC-5 or MC-excess heavy plant mix surf.;
- (14) 17 tons liq. asph., 90-95 l.a. coat
- (15) 31 tons liq. asph., SC-1A penetration oil treatment;
- (16) 25 tons liq. asph. SF-3 penetration oil treatment;
- (17) 445 tons screened seal coat and penetration oil treatment;
- (18) 38,000 lbs. bar reinf. steel;
- (19) 300 c.y. Class A Portland cement conc. struc.;
- (20) 260 c.y. crushed rock foundation mats;
- (21) 200 c.y. light riprap;
- (22) 100 lf. 8-in. CMP;
- (23) 60 lf. 12-in. CMP;
- (24) 12 lf. 15-in. CMP;
- (25) 62 lf. 18-in. CMP;
- (26) 400 lf. 8-in. perf. metal pipe underdrains;
- (27) 70 c.y. rock fill material perf. metal pipe underdrains;
- (28) 11 each spillway assemblies;
- (29) 60 lf. remove, clean and relay existing CMP;
- (30) 150 lf. laminated guard rail;
- (31) 16 each culvert markers;
- (32) 30 each guide posts;
- (33) 2.6 miles new property fences;
- (34) 20 each drive gates;
- (35) 20 each monuments.

Plans and specifications may be obtained from the above office.

29

June 8, 1938

INYO COUNTY, Cal.—Until June 19, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile to be graded and surfaced with imported surfacing material and applying penetration oil treatment and construction of a steel beam and reinforced concrete deck bridge near Camp Sabrina, Inyo County.

Work involves:

- (1) Clear and grub right of way;
- (2) 370 M. gals. water;
- (3) 14,700 c.v. rdwy. excav., unclass.
- (4) 21,000 sta. yds. overhaul;
- (5) 335 c.y. struc. excav.;
- (6) 230 c.y. imported surf. matl.;
- (7) 2,600 c.y. imported surf. matl.;
- (8) 45 sta. finish rdwy.;
- (9) 45 tons liquid asphalt, SC-1A oil treatment;
- (10) 5,000 lbs. bar reinf. steel;
- (11) 32 c.y. Class A Portland cement conc. struc.;
- (12) 14,500 lbs. struc. steel;

- (13) 110 lf. timber rail;
- (14) 307 c.y. rubble masonry;
- (15) 3 c.y. light riprap;
- (16) 176 lf. 18-in. CMP;
- (17) 52 lf. 24-in. CMP;
- (18) 1 mile new property fence;
- (19) 3 each drive gates;
- (20) 12 each culvert markers;
- (21) 30 each guide posts;
- (22) 25 each monuments;
- (23) 1 lot misc. items of work.

The State will furnish CMP and hank couplers, etc.

Plans and specifications may be obtained from the above office.

29

BIDS WANTED

MENDOCINO CO., Cal.—Until June 29, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7 miles to be surfaced with plant-mix surfacing between southerly boundary and Hopland, Mendocino County.

Work involves:

- (1) 600 M. gals. water;
- (2) 10,500 tons imported borrow;
- (3) 370 sta. finish rdwy.;
- (4) 10,570 tons crusher run base;
- (5) 27,500 tons min. agg. plant mix surf.;
- (6) 125 tons liquid asph., SC-4, plant mix surf.;
- (7) 90 tons liq. asph., SC-1A, prime coat;
- (8) 172 tons asph. emulsion seal coat;
- (9) 1,590 tons screenings seal coat;
- (10) 720 tons sand seal coat;
- (11) 74,400 sq. yds. asph. paint binder.

Plans and specifications may be obtained from the above office.

29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the improvement of portions of Anita Street, from southerly curb line of Hobson Street to the southerly property line of Empire St., San Jose.

Work involves:

- (1) 17,771 sq. ft. paving;
- (2) 1,862 sq. ft. gutter;
- (3) 922 sq. ft. curb;
- (4) 3,413 sn. ft. sidewalk;
- (5) 80 lf. lateral sewers.

Bidders were:

- (A) Union Paving Co., 212 Babcock Bldg., San Francisco.
(B) A. J. Ralsch, San Francisco.

Unit prices follow:

	(A)	(B)
(1).....	\$0.13	\$0.14
(2).....	24	22
(3).....	50	44
(4).....	16	16
(5).....	1.00	.70

29

BIDS WANTED

SHASTA, Lassen and Modoc Cos., Cal.—Until June 29, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 33.4 miles of work to be done between Route 3 and Rush Creek, in Shasta, Lassen and Modoc Counties, as follows:

- LOCATION "A": About 8.9 miles applying seal coat 20-ft. width between Junction of Route 3 and 1½ miles east of Bella Vista;
LOCATION "B": About 19.3 miles applying seal coat 20-ft. width, between Hat Creek Summit and the foot of Big Valley Mountain;
LOCATION "C": About 5.2 miles applying seal coat 26-ft. width be-

tween Adin and Rush Creek.

Work involves:

LOCATION "A"

- (1) 90 tons penetration type asphaltic emulsion;
- (2) 825 c.y. screenings;

LOCATION "B"

- (3) 190 tons liquid asph., ROMC-5;
- (4) 1,350 c.y. sand;

LOCATION "C"

- (5) 70 tons liquid asph. ROMC-5;
- (6) 475 c.y. sand.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until June 30, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.8 mile grading and paving with portland cement concrete, asphalt concrete and plant-mixed surfacing between Fair Oaks Ave. in South Pasadena and Glenarm St. in Pasadena, Los Angeles Co. Work involves:

- (1) Clearing and grubbing construction areas;
 - (2) 1,500 M. gal. water;
 - (3) 4,000 c.y. remove concrete;
 - (4) 86,000 c.y. rdwy. excav., unclass.
 - (5) 345,000 sta. yds. overhaul;
 - (6) 15,000 c.y. struc. excav.;
 - (7) 23,000 sq. yds. preparing sub-grade;
 - (8) finishing rdwy.;
 - (9) 24 tons liq. asph. SC-2 prime coat;
 - (10) 14,100 tons min. agg. plant mix surf.;
 - (11) 210 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
 - (12) 3,000 tons asph. concrete leveling course;
 - (13) 1,400 tons asph. conc. Type A surface;
 - (14) 2,260 c.y. Class A portland cement conc. pave.;
 - (15) 15,000 lbs. bar reinf. steel pave. and struc.;
 - (16) 8,200 lbs. misc. iron and steel;
 - (17) 4,200 each pavement dowels;
 - (18) 115 c.y. Class A portland cement concrete struc.;
 - (19) 8 lf. 24-in. standard reinf. conc. pipe, centrifugal type;
 - (20) 2,330 lf. 36-inch do.;
 - (21) 10 lf. 12-in. CMP;
 - (22) 10 lf. 15-in. CMP;
 - (23) 200 lf. 18-in. CMP;
 - (24) 20 lf. 21-in. CMP;
 - (25) 500 lf. 24-in. CMP;
 - (26) 300 lf. 30-in. CMP;
 - (27) 170 lf. 36-in. CMP;
 - (28) 1,020 c.y. Class A portland cement conc. curbs, gutters, sidewalks and depressions;
 - (29) 210 lf. curb armor;
 - (30) 7,700 lf. chain link fence;
 - (31) 2 each drive gates;
 - (32) 4 each walk gates;
 - (33) 7 each new manholes;
 - (34) 10 each adjusting exist. manholes to grade;
 - (35) 1,100 lf. 1½-in. galv. iron pipe;
 - (36) 3,500 lf. 2-in. galv. iron pipe;
 - (37) 900 lf. 2½-in. elec. conduit.
- Plans and specifications may be obtained from the above office. 29

BIDS WANTED

SANTA BARBARA CO., Calif.—Until June 29, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 6.9 mi. grading and surfacing with plant-mixed surfacing between Guadalupe and Santa Maria, Santa Barbara County, Calif. Work involves:

- (1) 363 sta. clear and grub;
- (2) 1,900 M. gals. water;
- (3) 375 c.y. remove conc.;

JUNIOR COLLEGE, MARYSVILLE

JUNIOR COLLEGE
MARYSVILLE, Yuba Co., Cal. 18th St., south end of Knight Park.
First unit of junior college plant consisting of 1-story frame and stucco building to contain six classrooms, assembly hall, property room, administration unit with principal's office and deans' offices, concrete boiler room, students' store.

Owner—Yuba County Junior College Dist. (C. W. Churchill, President Board of Trustees).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—C. A. Hillberg, P. O. Box 52, Turlock, \$56,963.

Basic bids were received with the following alternate proposals:

- (1) add for stage equipment;
- (2) add for metal toilet partitions;
- (3) add for lunch counter equipment;
- (4) add for linoleum on assembly aisles and teachers' rooms;
- (5) deduct for enamel iron sinks and bathtub.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$1700.00	\$1563.00	\$1555.00	\$1640.00	\$1650	\$1688.00	\$1638.00	\$1563.54	\$1675
(2)	550.00	414.00	500.00	457.00	540	490.00	470.00	650.00	530
(3)	2400.00	2400.00	2400.00	2580.00	2480	2400.00	2500.00	2400.00	2400
(4)	292.00	214.00	39.00	241.00	248	154.00	200.00	214.00	225
(5)	41.10	42.00	35.00	42.00	45	37.00	45.00	41.10	49
(6)	425.00	405.00	480.00	578.00	435	570.00	430.00	405.00	450
(7)	223.00	223.00	395.00	224.00	235	210.00	230.00	223.00	245
(8)	1152.00	1152.00	1250.00	1169.00	1225	1300.00	1170.00	1152.00	1200
(9)	1690.00	1600.00	1690.00	1877.00	1710	1375.00	1750.00	1690.00	1400
(10a)	200.00	198.00	200.00	223.00	220	160.00	220.00	200.00	160
(10b)	535.00	536.00	535.00	585.00	560	340.00	550.00	535.00	590
(11)	2637.00	2052.00	2382.65	2642.00	2475	2500.00	2550.00	2365.00	2575
(12)	738.00	680.00	649.00	640.00	630	610.00	630.00	498.00	570
(4104)	1st report April 1, 4th, May 20, 1938.								

- (4) 49,000 c.y. roadway excavation, without classification;
- (5) 800,000 sta. yds. overhaul;
- (6) 5,500 c.y. struc. excav.;
- (7) 6,750 c.y. sand blending;
- (8) 84,000 sq. yds. blending subgrade and shoulders;
- (9) 363 sta. finish roadway;
- (10) 9,000 tons crusher run base;
- (11) 16,200 tons min. agg. plant-mix surf.;
- (12) 57 tons liq. asph., SC-2 (prime coat, plant-mix surf.);
- (13) 61,750 sq. yds. asph. paint binder;
- (14) 860 tons liq. asph., ROMC-3 or 4 or 5 (plant-mix surf.);
- (15) 36 tons liq. asph., SC-4 stock-piling plant-mix surf.;
- (16) 60,500 sq. yds. preparing, mixing and shaping shoulders;
- (17) 60 tons liq. asph., SC-2 prime coat road-mix surf. treatment;
- (18) 850 tons liq. asph., SC-2 road-mix surf. treatment;
- (19) 95 tons liq. asph., 90-95 (seal coat);
- (20) 1200 tons screenings (seal coat);
- (21) 180 c.y. class A portland cement conc. struc.;
- (22) 6,000 lbs. bar reinf. steel;
- (23) 362 lf. 18-in. CMP;
- (24) 3926 lf. 24-in. CMP;
- (25) 90 lf. 36-in. CMP;
- (26) 1873 lf. remove and salvage culvert pipe;
- (27) 360 lf. remove and relay culvert pipe;
- (28) 152 each, culvert markers;
- (29) 7.25 mi. new property fence;
- (30) 20 each, drive gates;
- (31) 0.8 mile remove and reset fences;
- (32) 80 each, monuments;
- (33) 1,900 sta. rows ground cover planting;
- (34) 1 18-in. slide headgate and frame.

Plans and specifications may be obtained from the above office. * 29

- sins in lieu of vitreous; (6) add for lawn sprinkling system; (7) add for oil burner in place of gas burner; (8) deduct for omitting room temperature control system; (9) add for radio announcing system; (10a) add for fire alarm system; (10b) add for telephone; (11) add for assembly seating; (12) add for terrazzo on lobby floor.

Total basic bids follow:
(A) C. A. Hillberg, Turlock, \$56,963.
(B) John E. Branagh, Piedmont, \$57,832.
(C) A. C. Otto, \$58,997.
(D) M. R. Peterson, Sacramento, \$60,600.
(E) Lawrence Const. Co., Sacramento, \$60,875.
(F) Otto Steimbrenner, Sacramento, \$62,491.
(G) Chas. F. Unger, Sacramento, \$62,900.
(H) C. C. Stephenson, Marysville, \$64,274.
(I) Holdener Const. Co., Sacramento, \$65,665.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$1700.00	\$1563.00	\$1555.00	\$1640.00	\$1650	\$1688.00	\$1638.00	\$1563.54	\$1675
(2)	550.00	414.00	500.00	457.00	540	490.00	470.00	650.00	530
(3)	2400.00	2400.00	2400.00	2580.00	2480	2400.00	2500.00	2400.00	2400
(4)	292.00	214.00	39.00	241.00	248	154.00	200.00	214.00	225
(5)	41.10	42.00	35.00	42.00	45	37.00	45.00	41.10	49
(6)	425.00	405.00	480.00	578.00	435	570.00	430.00	405.00	450
(7)	223.00	223.00	395.00	224.00	235	210.00	230.00	223.00	245
(8)	1152.00	1152.00	1250.00	1169.00	1225	1300.00	1170.00	1152.00	1200
(9)	1690.00	1600.00	1690.00	1877.00	1710	1375.00	1750.00	1690.00	1400
(10a)	200.00	198.00	200.00	223.00	220	160.00	220.00	200.00	160
(10b)	535.00	536.00	535.00	585.00	560	340.00	550.00	535.00	590
(11)	2637.00	2052.00	2382.65	2642.00	2475	2500.00	2550.00	2365.00	2575
(12)	738.00	680.00	649.00	640.00	630	610.00	630.00	498.00	570
(4104)	1st report April 1, 4th, May 20, 1938.								

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny Street, San Francisco, at \$0.125 per cu. yd., submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the improvement of portions of Glenn Ave. in the City of San Jose. Work involves: 23,240 sq. ft. of paving.

Total bids follow:
A. J. Raisch, 46 Kearny St., San Francisco, \$0.125 per cu. yd.
Union Paving Co., S. F., \$0.13.
Earl W. Heple, San Jose, \$0.16.

BIDS WANTED

STATE OF OREGON.—Until June 15 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Public Service Bldg., Portland, for highway construction, as follows:

Coos County: Coquille-Clausen Section of Oregon Coast Highway, FAP 94-A and 97-A, 2.95 mi. grading, surfacing, ciling, requiring about 21,000 cu. yds. excavation, 14,500 cu. yds. gravel roadbed topping, 8,200 cu. yds. salvaged surfacing, 5,800 cu. yds. crushed gravel surfacing and 35,000 sq. yds. oil material surface treatment.

Multnomah County: Columbia Boulevard-Harding Avenue Section of Pacific Highway West (Interstate Ave.), FAP 160-A, 3.3 miles paving involving about 31,000 cu. yds. excavation, 170 cu. yds. concrete curb, 3,500 sq. yds. concrete sidewalk and driveways, 68,600 cu. yds. gravel base, 50,000 sq. yds. Portland cement concrete pavement, 9,500 sq. yds. concrete safety islands, 14,000 sq. yds. asphaltic concrete pavement.

Wallowa County: Enterprise-Scotch Creek Section of Hurricane Creek

County Road, FAP 23-A, 3.4 miles grading, surfacing and oiling, furnishing 600 cu. yds. crushed gravel in stockpiles requiring about 1,700 cu. yds. excavation, 6,500 cu. yds. gravel borrow, 10,300 cu. yds. gravel topping, 2,400 cu. yds. crushed gravel, 36,000 sq. yds. oil material surface treatment.

Plans and specifications may be obtained from the State Highway Commission, 322 State Office Bldg., Salem, Oregon, upon deposit of \$5.00.

29

BIDS WANTED

STATE OF WASHINGTON.—Until June 21, 10 a. m., bids will be received by Lacey V. Murrow, Director of Highways, Olympia, Wash., for highway and bridge construction, as follows:

Wahkiakum County: Constructing an approach to the Puget Island Bridge, FWA Project 8195-DS, Unit No. 3.

Grant County: Clearing, grading, draining, surfacing and constructing a reinforced concrete T-beam bridge, a reinforced concrete and steel undercrossing and a temporary shoofly pile and timber bridge on about 3.3 miles Primary State Highway 7, Stratford vicinity, FAP 219-C (No. 1) and FAGH 219-D (No. 1).

Clallam County: Clearing, grading, draining, surfacing and constructing a steel truss bridge with reinforced concrete approach spans on about 1.6 miles Primary State Highway 9, Calawah River Bridge and approaches, FAP 170-F (1).

King County: Clearing, grading, draining, surfacing and constructing a steel truss bridge with reinforced concrete approach spans on about 0.1 miles of Primary State Highway 15, Skykomish River Bridge, FAP 189-F (No. 3).

Spokane County: Grading, draining, surfacing and constructing a reinforced concrete and steel undercrossing, construction R. R. shoofly trestle and construction of bituminous surface treatment, plant-mix type on about .05 ml. of county road N. P. R. R. undercrossing at Moah, FAGS 28-A (1).

Whitman County: Clearing, grading, draining, surfacing and stockpiling crushed stone surfacing on 2.9 ml. of Secondary State Highway 3-F, Colfax to Palouse, FAS 17-A (1).

Thurston County: Clearing, grading, draining and surfacing on about 4.6 miles of Secondary State Highway 5-H, Rainier to Yelm, FAS 216-D (1).

Grays Harbor County: Clearing, grading, draining, surfacing and constructing a timber pile trestle on 3 miles of Secondary State Highway 9-C, Pacific Beach East, FAS 25-A (1).

King County: Clearing, grading, draining, surfacing, manufacturing and stockpiling crushed stone surfacing materials and mineral aggregate (all rock) and construct treated pile and timber trestle on 13 miles of Secondary State Highway 15-B, Falls City to Duval and Duval N, FAS 39-A (1).

Skagit and Island Counties: Construction bituminous surface treatment, roadmix type, Class B and light bituminous surface treatment on 14.2 miles of Secondary State Highway 17-A, Section 1, City of Hamilton and Birdview to Rockport, State Project; construction of light bituminous surface treatment on 12.5 miles of Secondary State Highway 1-B, Sec. 2, Columbia Beach to Keystone, State Proj.; clearing, grading, surfacing, constructing bituminous surface treatment, roadmix type, Class B, on 3.3 miles of Secondary state Highway, 1-D, Oak

CENTRAL VALLEY PROJECT—Warehouse, Channel and Grading—(Govt.)

CENTRAL VALLEY PROJ., Cal.—Heafey-Moore Co. and Fredrickson & Watson Construction Co., 344 High St., Oakland, at \$83,182.00 submitted low bid to the U. S. Bureau of Reclamation, Old Post Office Building, Sacramento, under Spec. No. 784, for the construction of a warehouse, concrete culvert, drainage channel and grading for a storage yard near Coram, Calif. Kennett division, Central Valley Project.

Work involves:

- (1) 100 c.y. common excav., warehouse and concrete culvert;
- (2) 250 c.y. rock excavation;
- (3) 26,000 c.y. common excav., channel and grading;
- (4) 26,000 c.y. rock excav., channel and grading;
- (5) 110 c.y. remove existing conc.;
- (6) 1,500 c.y. backfill;
- (7) 7,200 c.y. compacted fill and embankment;
- (8) 2,000 sq. yds. preparing rock foundations for concrete lining and flume;
- (9) 2,000 sq. yds. trimming earth foundations for concrete lining and flume;
- (10) 1,000 c.y. riprap;
- (11) 585 c.y. concrete in warehouse except concrete in floors;
- (12) 455 c.y. concrete in warehouse floors;
- (13) 300 c.y. concrete in culvert;
- (14) 600 c.y. concrete in flume;

- (15) 200 c.y. concrete in concrete lining;
 - (16) 202,200 lbs. placing reinf. bars and fabric;
 - (17) 60 lf. laying 30-in. CMP;
 - (18) 200 lf. laying 48-inch CMP;
 - (19) 475,000 lbs. erecting, installing and painting metal work except traveling crane furnished by the Government;
 - (20) 27,000 lbs. installing and painting traveling crane;
 - (21) Furnishing and installing pipe handrail, woodwork, plumbing and electric system.
- Total bids follow:
- (A) Heafey-Moore Co. and Fredrickson & Watson Const. Co., 344 High St., Oakland, \$83,182.00.
 - (B) Sibley Grading & Teaming Co., Ltd., S. F., \$87,614.00.
 - (C) Ben C. Gerwick, Inc., San Francisco, \$93,358.50.
 - (D) Robt. H. Travers, Los Angeles (wire received adding 22c to Item 3 and 22c to Item 4), \$97,464.00.
 - (E) Clifford A. Dunn, Klamath Falls Oregon, \$99,256.50.
 - (F) Ralph A. Bell, Monrovia, \$106,435.00.
 - (G) Fred J. Maurer & Son, Inc., Eureka, \$117,810.00.
 - (H) C. W. Caletti & Co., San Rafael, \$123,819.00.
 - (I) Colonial Construction Co., Spokane, Wash., \$127,426.00.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 1.50	\$.53	\$ 2.00	\$ 3.00	\$ 1.50	\$ 2.00	\$ 2.00	\$ 1.25	\$ 1.25
(2).....	1.90	3.50	4.00	3.00	2.50	5.00	3.00	2.00	2.50
(3).....	.30	.32	3.75	.50	.40	.50	.90	.90	.85
(4).....	.45	.65	.775	.50	1.10	1.15	1.00	.90	1.00
(5).....	8.00	4.00	6.00	10.00	15.00	5.00	5.00	7.00	4.00
(6).....	8.22	.75	.30	.35	.40	1.00	.30	.50	1.20
(7).....	.11	.40	.25	.30	.25	.40	.70	.50	.50
(8).....	.55	1.00	.50	.40	.25	1.00	.50	.50	.75
(9).....	.40	.35	.20	.40	.15	.32	.30	.40	.50
(10).....	1.40	2.00	1.00	1.00	1.25	.50	2.00	3.00	2.50
(11).....	19.00	30.00	22.00	22.00	16.00	24.00	18.00	27.00	24.00
(12).....	17.00	15.00	13.00	17.00	14.00	10.00	14.00	15.00	16.00
(13).....	18.00	9.00	17.00	20.50	16.00	18.00	17.00	20.00	18.00
(14).....	18.00	9.00	16.00	19.00	16.00	15.00	16.00	20.00	19.00
(15).....	15.00	8.75	13.00	17.00	15.00	12.00	17.00	15.00	15.00
(16).....	.02	.02	.0175	.02	.02	.025	.02	.02	.02
(17).....	1.10	3.00	1.00	1.00	.50	1.50	1.00	1.00	2.00
(18).....	1.40	4.50	2.00	1.00	.75	2.00	2.50	1.00	2.50
(19).....	.021	.0175	.023	.03	.0225	.02	.03	.03	.05
(20).....	.02	.0175	.02	.04	.02	.04	.03	.02	.04
(21).....	5000.00	4587.00	6000.00	3840.00	6500.00	4000.00	5000.00	4500.00	8500.00

SAN MATEO—STREET WIDENING—(City)

SAN MATEO, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$5834, submitted low bid and was awarded contract by the San Mateo City Council, Wm. D. Soule, City Manager, City Hall, for the widening of San Mateo Drive between 2nd and 3rd Avenues, San Mateo.

Work involves:

- (1) 450 c.y. grading;
- (2) 4450 sq. ft. concrete sidewalk;
- (3) 115 c.y. concrete curb and gutter;
- (4) 1240 sq. ft. pavement;
- (5) 50 tons asphaltic concrete pavement;
- (6) electrical work.

Total bids follow:

- (A) Union Paving Co., 212 Babcock Bldg., San Francisco—\$5,834.00.
- (B) Nick Sisevich, San Mateo—\$5,999.00.
- (C) L. C. Smith, San Mateo—\$6,049.83.
- (D) Pacific States Constr. Co., San Francisco—\$6,272.75.
- (E) The Fay Improvement Co., San Francisco—\$6,552.50.
- (F) Pacific Truck Service, Inc., San Jose—\$6,772.00.
- (G) Chas. L. Harney, San Francisco—\$6,928.
- (H) W. J. Tobin, Oakland—\$7,041.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 0.60	\$ 0.55	\$ 0.65	\$ 0.90	\$ 1.07	\$ 1.00	\$ 1.45	\$ 0.97
(2).....	.17	.15	.185	.15	.16	.18	.15	.18
(3).....	11.00	11.00	10.00	11.75	15.00	14.00	14.00	14.00
(4).....	.25	.26	.2517	.26	.26	.265	.27	.28
(5).....	4.50	6.00	6.00	6.50	5.40	7.00	7.00	5.85
(6).....	217.90	295.00	363.00	300.00	370.00	275.00	300.00	300.00

SAN LUIS OBISPO CO.—Bridge Construction—(State)

SAN LUIS OBISPO COUNTY, Cal.—E. G. Perham, 1128 Stearns Drive, Los Angeles, at \$21,616.20 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of two timber bridges and a corrugated multi-plate culvert and about 0.3 mile of roadway to be graded and road-mix surface treatment applied between Summit and 3 miles south of Paso Robles, San Luis Obispo Co.

Work involves:

- (1) Clear and grub right of way; (2) 4,600 c.y. rdwy. excav., unclass.; (3) 950 c.y. struc. excav.; (4) 4,500 c.y. imported borrow; (5) 17 sta. finish rdwy.; (6) 22 tons liquid asphalt, SC-2 road mix surf. treatment; (7) 3,500 sq. yds. prepare, mix and shape roadbed; (8) 22,000 lbs. bar reinf. steel; (9) 190 c.y. Class A Portland cement concrete struc.; (10) 35 c.y. Class A Portland cement concrete slope paving; (11) 4 c.y. Class A Portland cement concrete invert paving; (12) 41 M. ft. BM treated Douglas fir timber; (13) 450 lf. timber rail; (14) 60 c.y. rubble masonry; (15) 58 lf. 8-in. CMP;

- (16) 60 lf. 18-in. CMP; (17) 18 lf. 24-in. CMP; (18) 52.5 lf. 120-in. multi-plate CMP; (19) 3 each spillway assemblies; (20) 225 lf. bank protection fence; (21) 3 each culvert markers; (22) 16 each guide posts; (23) 0.2 mile new property fence; (24) 0.1 mile move and reset existing property fence; (25) 1 lot existing struc. remove and dispose of; (26) 1 lot misc. bridge items. The State will furnish CMP band couplers and spillway assemblies. Total bids follow: (A) E. G. Perham, 1128 Stearns Dr., Los Angeles, \$21,616.20. (B) Robt. B. McNair, Oakland, \$24,239.50. (C) Franzini & Fredenburg, San Rafael, \$26,020.00. (D) Granite Const. Co., Ltd., Watsonville, \$26,594.60. (E) S. A. Cummings, San Diego, \$27,706.00. (F) L. A. Briscoe, Arroyo Grande, \$27,914.50. (G) Rexroth & Rexroth, Bakersfield, \$28,784.50. (H) R. R. Bishop, Long Beach, \$29,040.50. (I) Albert H. Seimer and John Carcano, San Anselmo, \$31,332.50. Unit prices follow:

Table with 10 columns (A-I) and 26 rows of unit prices for various construction items.

Harbor to Deception Pass, FAS 242-D (1).

King and Snohomish Counties: Construction of light bituminous surface treatment on 26.5 miles of secondary State Highway 1-I from junction to Primary State Highway 1 to Mukiltet; No. 1-V, Pierce Co. line to Des Moines; No. 5-B, Berrydale to Auburn; 5-D, Kits Corner to Pierce County line, State Project.

Kitsap, Pierce and Mason Counties: Construction of bituminous surface treatment non-skid seal, on about 56.9 miles of Primary State Highways; No. 14, Junction Primary State Highway 9 to Belfair, Port Orchard to Gig Harbor and Port Orchard to Harper and No. 21, Bremerton to Keyport, State Project.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

BIDS WANTED

COLUMBIA BASIN PROJECT, Wash.—Until June 29, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 1082-D, for the construction of roads to the Rock Island Dam, Columbia Basin Project, Wash. Work is located about 12 ml. southeast of Wenatchee, Wash.

- Estimated quantities are: (1) 21,900 c.y. of all classes of excavation for roads; (2) 23,000 sta. c.y. overhaul; (3) 48 c.y. excav. for culverts; (4) 50 c.y. backfill; (5) 600 c.y. riprap; (6) 2,400 cubic yards crushed-gravel or crushed-rock base course; (7) 1,500 cubic yards crushed-gravel or crushed-rock surf. course; (8) 110 cu. yds. of sand for seal course; (9) 85 M. gals. watering; (10) laying 230 lin. ft. 12-in. to 24-in. CMP; (11) applying 6,400 gals. of bituminous prime and seal coats; (12) distributing 26,000 gals. asphalt for surface course; (13) mixing, compacting and finishing 17,000 sq. yds. road-mixed surfacing.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00 per copy, not returnable.

30—RESERVOIRS & DAMS

BIDS WANTED

WAHKIYAKUM CO., Wash.—Until June 21, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 603-38-627, for construction of approximately 1,635 lf. of pile and stone dikes in Columbia River at five different sites on the south bank of Puget Island in the vicinity of Welcome Slough, and located in Diking District No. 1, about 40 miles above mouth of the Columbia River, Wahkiyakum County, Wash.

- Work involves: (1) 43,250 lf. piles, in place; (2) 24 MFEM lumber, in place; (3) 8,600 lbs. hardware, in place; (4) 2,500 c.y. stone riprap, in place; (5) 12,900 c.y. stone, dumped, in place. Plans and specifications may be obtained from the above office upon deposit of \$5.00.

31—PIPE LINES & WELLS

BIDS OPENED

EL CENTRO, Imperial Co., Calif.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at \$18,920 submitted

BUTTE CO.—CONSTRUCTING ROADBED—(State)

BUTTE CO., Calif.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$38,330 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a graded roadbed about 1.6 miles in length between 6 miles south and one mile south of Paradise, Butte Co., Cal.

Work involves:

- (1) clear and grub right-of-way; (2) 2,950 M. gals. water; (3) 132,000 c.y. roadway excavation, without classification; (4) 264,000 sta. yds. overhaul; (5) 246 sta. finish roadway.

Total bids follow:

- (A) Chas. L. Harney, 443 Call Bldg., San Francisco—\$38,330. (B) Fredericksen & Westbrook, Lower Lake—\$43,570. (C) Claude C. Wood, Stockton—\$44,610.00. (D) M. J. Ruddy, Modesto—\$45,771. (E) Geo. K. Thompson, Los Angeles—\$49,061. (F) Hemstreet & Bell, Marysville—\$50,865. (H) Johnson Rock Co., Inc., Stockton—\$62,635. (I) Ralph A. Bell, Monrovia—\$79,955.00.

Unit prices follow:

Table with 10 columns (A-I) and 5 rows of unit prices for roadway construction items.

low bid to Imperial Irrigation Dist., El Centro, for installing and miscellaneous equipment and for furnishing and installing all piping for additions to the District's Diesel power plant at Brawley, in accordance with Spec. 9A. The principal items involved are:

Installing, on foundations furnished by the District, heat exchangers, centrifuge, and transfer and pump pumps; and

Piping for plant extension.

The bids, which were referred to the engineering department for tabulation and analysis, were:

E. C. Nickel: (1) \$320; (2) \$18,600. Macco-Robertson Co., Clearwater: (1) \$632.50; (2) \$18,636.07.

Associated Piping & Engr. Co.: (1) \$880; (2) \$19,900.

National Tank and Mfg. Co.: (1) \$400; (2) \$24,082.

Williams Bros. & Haas: (1) no bid; (2) \$26,656.16.

Lohman Bros., Los Angeles: (1) \$1060; (2) \$29,000. 31

BIDS WANTED

SAN FRANCISCO.—Until June 22, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 180, for laying of 6- and 8-inch cast iron mains in Merced Manor Sub-division in Alemany Blvd. and in 25th Ave., San Francisco.

Work involves:

- (1) 1,628 l.f. excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep;
- (2) 15 c.y. additional excavation & backfill;
- (3) no item 3;
- (4) installing pipe:
 - (a) 570 l.f. 6-in. bell and spigot cast iron pipe;
 - (b) 1058 l.f. 8-in. do;
 - (c) 2,500 lbs. fittings, gate valves, etc., installed;
 - (d) 298 l.f. bell and spigot joints;
 - (e) repavement:
 - (a) 625 sq. ft. of street pavement;
 - (b) 1600 sq. ft. sidewalk;
 - (f) 51 3/4-in. screw taps installed;
 - (g) (a) 120 l.f. 3/4-in. copper service pipe installed;
 - (b) 1000 l.f. 3/4-in. galv. iron service pipe installed;
- (5) furnishing cast iron bell and spigot pipe, Class 150;
- (6) 570 l.f. 6-in. pipe at \$65 per l.f.
- (7) 1058 l.f. 8-in. pipe at \$1 per l.f.
- (8) furnishing bell and gate valves:
 - (a) one 4-in. valve at \$12;
 - (b) three 8-in. valves at 20.50 each
- (9) furnishing bell and spigot cast iron fittings: 2100 lbs. at \$36 per lb.;

(13) furnishing steel band and bolts: 100 lbs. at \$0.50 per lb.;

(14) (a) furnishing 3/4-in. copper service pipe: 120 l.f. at \$0.17 per lin. ft.;

(b) furnishing 3/4-inch galv. iron service pipe: 1060 l.f. at \$0.65 per l.f.;

(15) lump sum: furnishing 3/4-inch fittings for services, \$108;

(16) lump sum: engineering, supervision and inspection, \$553;

(17) lump sum: connections, 196.

Plans and specifications may be obtained at the Cashier's Office, 6th floor, S. F. Water Dept. Bldg., 425 Mason St., San Francisco, upon deposit of \$5.00. 31

BIDS WANTED

SUTTER COUNTY, Calif.—Until June 21, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-292, for boring a well, and furnishing and installing well casing at the Sutter By-Pass Pumping Plant No. 1, near Yuba City.

Bids will be taken on:

- (1) Moving to job, setting up equipment ready for drilling, and disassembling and moving from job at end of work;
- (2) Drilling and casing:
 - (a) 1 to 50 feet;
 - (b) 51 to 100 feet;
 - (c) 101 to 150 feet;
 - (d) 151 feet or more;
 - (e) Testing yield:
 - (1) by boiler;
 - (2) by pumping;
 - (f) perforating pipe 30 feet.

Plans and specifications may be obtained from the above office. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

TULARE CO., Cal.—Until June 16, 2 p.m., bids will be received by the U. S. Department of Agriculture, Farm Security Administration, Room 418, Wells-Fargo Bldg., 85 Second St., San Francisco, for the construction and completion of the sewage treatment works at the Tulare Unit Camp Project in Tulare Co., Calif.

Plans and specifications may be obtained from the above office upon deposit of \$25. 32

33—WATER WORKS

CONTRACT AWARDED

GILROY, Santa Clara Co., Calif.—Layne & Bowler Pump Co., 625 Market St., San Francisco, at \$1,215.26 submitted only bid and was awarded contract by the Gilroy City Council, P. A. Cox, City Clerk, City Hall, for a change over and enlargement of the deep well pump located at the corner of Monterey St. and Martin Lane, Gilroy. 33

34—PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

SAN MATEO, Cal.—Malott & Peterson, 2412 Harrison St., San Francisco, at \$1,049 (Items B and C), submitted low bid and was awarded contract by the San Mateo City Council, Wm. D. Soule, City Manager, City Hall, for resurfacing three tennis courts; two in the San Mateo City Park and one at the East Side Park, San Mateo.

Bids taken on:

- (a) Calrock leveling surface;
- (b) Laykold leveling surface;
- (c) Laykold wearing coat;
- (d) Calrock surfacing.

Malott & Peterson, 2412 Harrison St., S. F., (b) \$851, (c) \$198; total \$1,049.

W. O. Tyson, Redwood City, (a) \$960, (b) \$985, (c) \$500, (d) \$480.

L. C. Smith, San Mateo, (a) \$1700, (b) \$1890, (c) \$945, (d) \$850.

Palo Alto Road Materials Co., Palo Alto, (a) \$987, (c) \$511, (d) \$511. 34

35—TUNNELS

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until June 14, 3 P. M., bids will be received by the State Highway Department, 1365 Harbor Street, San Diego, for constructing a reinforced concrete pedestrian overpass in Riverside County, City of Indio, on 46th Ave. at Smurr St. (XI-19-64-Ind). 31

The work involves:

- (1) 510 c.y. struc. excav.
- (2) 6 c.y. rock backfill;
- (3) 6000 lbs. bar reinf. steel;
- (4) 85 c.y. Class A concrete;
- (5) 91 lf. wire mesh fence;
- (6) one lot lighting equipment.

Plans and specifications may be obtained from E. E. Wallace, District Engineer, San Diego. Cash, certified or cashier's check for 10% must accompany each proposal.

COLORADO RIVER PROJECT—DIVERSION DAM—(Govt.)

COLORADO RIVER PROJECT.—Rohi-Connelly Co., 4351 Valley Blvd., Los Angeles, at \$1,890,407, submitted the low bid to the U. S. Indian Irrigation Service, Los Angeles, for the construction of a diversion dam for the Colorado River at Head Gate Rock, approximately 1 mile above Parker, Ariz., the Colorado River Project. Plans call for a rolled earth fill dam, a portion of which will be in Arizona and a portion in California. The dam is to be 45 ft. above the river bed; total crest length 1450 feet; excavation for the foundation will be 35 feet below the river bed. The spillway will be constructed through the Arizona abutment of the dam, bottom width 245 feet; depth of excavation from 12 to 135 feet. Excavation will be approximately 1500 feet long, which will be concrete lined. Included in the contract will be 2000 feet of concrete lined canal, bottom width 26 feet, average

depth of excavation 80 feet. The dam will be constructed from materials delivered from spillway and canal with the exception of a small amount of borrow and fine materials. Borrow probably will be adjacent to dam site. In addition to dam and spillway a protective barrier will be constructed about 850 feet downstream. This will consist of lower fill protected by a heavy blanket of rock riprap. Flow through the spillway will be controlled by seven 20 x 30-ft. radial gates and two 15 x 20-ft. gates. Flow through the canal will be controlled by two 12 ft. 6 in. 20-ft. radial gates. The contractor is to furnish everything except radial gates, hoists and all metal and electric materials and equipment. The right to supply cement and reinforced steel is reserved by the government providing option is exercised prior to date of order for contractor to proceed.

Work involves:

- (1) lump sum, diversion and care of river during constr. of dam and unwatering foundations;
- (2) 60,000 c.y. excav. stripping of borrow and gravel pits;
- (3) 70,000 c.y. excav. common, borrow pit, and transportation to embank;
- (4) 200,000 c.y. mi. overhaul excav. from borrow pits;
- (5) 600,000 c.y. excav. common for foundation of dam and protective barrier;
- (6) 170,000 c.y. excav. common for constr. of pilot channel;
- (7) 800,000 c.y. excav. common, spillway and canal;
- (8) 1,500,000 c.y. excav., Temple bar conglomerate for spillway canal and dam;
- (9) 100,000 c.y. excav. rock, spillway canal and dam;
- (10) 5000 c.y. excav., all classes, trench;

- (11) 5000 c.y. excav., all classes, struc.;
- (12) 700,000 c.y. moistening and compacting material in embank.;
- (13) 4000 c.y. struc. backfill;
- (14) 50,000 sq. yds. preparing earth found. for concrete;
- (15) 30,000 c.y. placing riprap on upstream face of dam;
- (16) 32,000 c.y. placing riprap on protective barrier;
- (17) 40,000 c.y. excav. rock, borrow, and transp. of matls. to dam and protective barrier (alt.) not included in total;
- (18) 30,000 c.y. gravel blanket on dam and protective barrier;
- (19) 1000 c.y. gravel placed for drains
- (20) 250 MFBM furnish and drive wooden sheet piling;
- (21) 760 lbs. driving sheet steel piling (alt.) (not included in total);
- (22) 50 MFBM furnishing and place wooden cutoff;
- (23) 37,000 bbls. furnishing cement (sulph. resisting), f.o.b. cars Parker, Ariz.;
- (24) 13,000 bbls. furnishing cement, f.o.b. cars Parker, Ariz.;
- (25) 2000 lbs. furnish reinf. bars, $\frac{3}{8}$ -in. round;
- (26) 745,000 lbs. furnish reinf. bars, $\frac{1}{2}$ -in. round;
- (27) 325,000 lbs. furnish reinf. bars, $\frac{1}{2}$ -in. square;
- (28) 150,000 lbs. furnish reinf. bars, $\frac{3}{8}$ -in. round;
- (29) 75,000 lbs. furnish reinf. bars,

- $\frac{3}{8}$ -in. square;
- (30) 590 lbs. furnish reinf. bars, $\frac{3}{8}$ -in. round;
- (31) 130,000 lbs. furnish reinf. bars, $\frac{1}{4}$ -in. round;
- (32) 160,000 lbs. furnish reinf. bars, 1-in. round;
- (33) 690,000 lbs. furnish reinf. bars, 1-in. square;
- (34) 270,000 lbs. furnish reinf. bars, 1 $\frac{1}{2}$ -in. square;
- (35) 200,000 lbs. furnish reinf. bars, 1 $\frac{1}{2}$ -in. square;
- (36) 3,337,000 lbs. placing and bending reinf. bars;
- (27) 4400 c.y. concrete in spillway and ogee section and pier footings;
- (38) 4400 c.y. in spillway piers;
- (39) 1400 c.y. conc. spillway, road and operating floors;
- (40) 3000 c.y. conc. cutoff walls;
- (41) 4000 c.y. conc. upstream apron spillway;
- (42) 11,000 c.y. conc. in downstream apron of spillway;
- (43) 55 c.y. conc. in control house;
- (44) 500 c.y. conc. canal heading;
- (45) 2200 c.y. conc. canal heading;
- (46) 4000 c.y. conc. in canal lining;
- (47) 190 c.y. conc. float and drainage weirs;
- (48) 600,000 lbs. installing radial gates;
- (49) 200,000 lbs. installing radial gate hoists and operating mechanisms;
- (50) 18,000 lbs. furnish and install pipe hand rails;

- (51) 5000 lbs. installing pumps and metal work in float and drainage walls;
- (52) 375,000 lbs. install misc. metal work;
- (53) 62,000 lbs. installing cast iron drainage pipe;
- (54) 8700 ft. installing elec. conduits;
- (55) 13 each, installing flood lights;
- (56) 30 outlets, installing control house lights and outlets;
- (57) 1100 lbs. installing metal work, control house;
- (58) lump sum, sale of sand and gravel plant to government (not included in totals).

The total bids were:
 (A) Rohl-Connolly Co., \$1,890,407.
 (B) Jahn & Bressi Constr. Co., \$2,074,548.
 (C) Morrison-Knudsen Co., Utah Constr. Co. and Winston Bros. Co., \$2,092,136.35.
 (D) Geo. Pollock Co., Sacramento, \$2,109,600.
 (E) Mittry Bros. Constr. Co., \$2,144,311.
 (F) R. G. Clifford, C. M. Elliott and Stroud-Seabrook, San Francisco, \$2,154,125.
 (G) W. E. Callahan and J. P. Shirley, \$2,419,814.
 (H) J. F. Shea Co., \$2,608,407.
 (I) Guy F. Atkinson Co., San Francisco, \$2,736,090.10.
 (J) Bates & Rogers Constr. Corp., Oakland, \$2,745,760.
 The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	10,000.00	40,000.00	185,000.00	2,500.00	60,000.00	60,000.00	25,000.00	32,200.00	300,000.00	48,500.00
(2).....	.10	.15	.15	.10	.20	.10	.15	.11	.15	.247
(3).....	.25	.40	.30	.25	.30	.40	.40	.29	.30	.37
(4).....	.10	.07	.10	.10	.04	.06	.10	.10	.08	.185
(5).....	.30	.20	.25	.10	.40	.26	.45	.50	.40	.60
(6).....	.17	.15	.12	.09	.30	.15	.20	.20	.30	.185
(7).....	.30	.29	.30	.43	.33	.28	.35	.25	.45	.29
(8).....	.30	.38	.30	.43	.44	.44	.45	.45	.45	.46
(9).....	.60	1.25	.80	.50	.33	.60	1.00	1.00	1.75	1.05
(10).....	8.00	4.00	4.00	3.00	4.00	1.50	5.00	6.35	4.00	5.30
(11).....	2.00	4.00	5.00	2.00	4.00	1.50	2.00	6.00	1.50	3.15
(12).....	.07	.06	.20	.08	.23	.10	.07	.25	.065	.123
(13).....	1.00	1.00	1.00	.70	1.20	.60	.75	.70	.60	.75
(14).....	.30	.30	.40	.16	.20	.40	.30	.30	.30	.33
(15).....	.35	.30	.50	.40	.60	.55	.50	.50	.75	.495
(16).....	.30	.15	.40	.40	.40	.75	.40	.30	.50	.495
(17).....	.80	1.00	2.00	1.00	.75	2.00	1.00	1.50	2.00	2.05
(18).....	.50	.50	.60	.75	.40	.50	.55	.50	.50	.515
(19).....	2.00	3.00	1.50	3.50	4.00	2.50	2.50	2.00	2.00	5.25
(20).....	90.00	85.00	90.00	100.00	90.00	100.00	60.00	165.00	100.00	110.00
(21).....	.015	.01	.02	.025	.02	.02	.012	.015	.015	.015
(22).....	140.00	75.00	75.00	100.00	120.00	80.00	65.00	115.00	100.00	67.50
(23).....	2,532.8	2.60	2.51	2.60	2.90	2.45	2.40	2.85	2.31	2.60
(24).....	2,442.8	2.40	2.41	2.50	2.71	2.55	2.50	2.70	2.40	2.50
(25).....	.031	.034	.03355	.0325	.035	.035	.029	.035	.033	.034
(26).....	.029	.032	.03155	.0325	.031	.033	.029	.035	.0313	.033
(27).....	.029	.032	.03155	.0325	.031	.033	.029	.035	.0313	.032
(28).....	.028	.031	.03055	.0325	.03	.032	.029	.035	.0303	.031
(29).....	.028	.031	.03055	.0325	.03	.032	.029	.035	.0303	.031
(30).....	.027	.03	.02955	.03	.029	.031	.029	.035	.0293	.03
(31).....	.027	.03	.02955	.03	.029	.031	.029	.035	.0293	.03
(32).....	.027	.03	.02955	.03	.029	.031	.029	.035	.0293	.03
(33).....	.027	.03	.02955	.03	.029	.031	.029	.035	.0293	.03
(34).....	.027	.03	.02955	.03	.029	.031	.029	.035	.0293	.03
(35).....	.027	.03	.02955	.03	.029	.031	.029	.035	.0293	.03
(36).....	.02	.015	.015	.0125	.018	.02	.024	.025	.011	.0115
(37).....	7.00	10.00	7.00	10.00	11.00	5.40	9.50	8.50	12.00	10.35
(38).....	12.00	15.00	12.50	18.00	14.00	9.20	17.50	18.00	15.00	18.60
(39).....	25.00	30.00	20.00	22.00	18.00	17.00	25.00	30.00	35.00	28.30
(40).....	8.00	9.00	8.00	10.00	13.00	8.40	9.00	8.50	7.00	9.60
(41).....	10.00	10.00	7.00	12.00	9.00	6.17	11.00	11.00	7.00	24.75
(42).....	7.00	10.00	6.00	9.00	9.00	6.75	9.00	11.00	7.00	16.55
(43).....	30.00	60.00	50.00	50.00	30.00	30.00	55.00	60.00	50.00	43.80
(44).....	20.00	15.00	15.00	20.00	20.00	12.00	25.00	25.00	18.00	23.70
(45).....	15.00	25.00	14.00	25.00	14.00	13.00	22.00	25.00	20.00	22.25
(46).....	10.00	7.00	7.00	7.00	9.00	7.10	15.00	10.00	10.00	28.00
(47).....	20.00	25.00	30.00	30.00	20.00	30.00	25.00	25.00	40.00	44.85
(48).....	.023	.03	.03	.04	.035	.03	.04	.025	.03	.018
(49).....	.25	.25	.03	.05	.04	.04	.04	.03	.03	.016
(50).....	.08	.05	.10	.10	.20	.15	.15	.08	.12	.08
(51).....	.03	.02	.05	.05	.06	.05	.05	.10	.04	.03
(52).....	.015	.05	.03	.03	.08	.04	.02	.04	.04	.01
(53).....	.25	.20	.30	.20	.25	.15	.25	.25	.25	.10
(54).....	10.00	20.00	20.00	25.00	20.00	20.00	6.00	20.00	12.00	15.00
(55).....	10.00	5.00	10.00	20.00	30.00	10.00	4.00	5.00	6.00	15.00
(56).....	.50	.10	.20	.10	.20	.30	.15	.12	.30	.06
(57).....	15,000.00	15,000.00	15,000.00	20,000.00	10,000.00	15,000.00	10,000.00	9,000.00	3,000.00	3,000.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until June 15, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Order No. 9481, for the sale of: (1) one Chevrolet for pickup truck, No. 2152; (2) one 1934 Chevrolet pickup truck, No. 2154; (3) one 1934 Chevrolet pickup truck, No. 2156; (4) one 1935 Ford station wagon.

SACRAMENTO, Cal.—Until June 15, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-283, for furnishing four 1-ton pickup trucks, fully equipped and ready for service; (a) f.o.b. U. S. Engineers, Sacramento, the contractor prepaying all transportation charges; (b) f.o.b. railroad car at point of bidder's selection. Allowance trade-in: (a) one Chevrolet pickup truck, (b) 1 Chevrolet pickup truck, (c) 1 Chevrolet pickup truck, (d) 1 Ford station wagon. Used cars may be inspected by contacting the above office.

SACRAMENTO, Cal.—Until June 15, 3 p. m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-284, for furnishing ribbed steel floor plates; water gauges, rubber washers; f.o.b. Rio Vista, Cal.

FORT MASON, Cal.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

June 17, 2:00 P. M.

BID NO. 928-38-390—Coal, foundry coke, bed springs, parts for Skil-saw, Sander, nails, builder's hardware, steel, copper-nickel alloy, pipe fittings, tubing, valves, etc.; f.o.b. Fort Mason.

June 20, 2:00 P. M.

BID NO. 928-38-392—Douglas fir, sugar pine, hickory and oak lumber; f.o.b. Fort Mason.

SAN FRANCISCO.—Until June 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-181, for furnishing and delivering manila rope of various sizes; fob points: San Francisco Waterfront, U. S. Engineer Storehouse, S. F. Presidio; Los Angeles, Waterfront, Los Angeles Harbor; U. S. Engineer Storehouse, Honolulu; Rio Vista, Cal.; 628 Pittcock Block, Portland; Seattle, Wash.; Nome, Alaska; Aberdeen, Wash., and Lake Washington Canal Locksite, Seattle.

SACRAMENTO, Calif.—Until June 15, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-286, for furnishing double blocks, thimble for wire rope, anchor shackles, wire brushes; fob Rio Vista.

SACRAMENTO, Calif.—Until June 17, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-289, for furnishing and delivering miscellaneous castings, etc.

Bids will be taken on:

- (1) 5 dredge pump head liners (engine side);
 - (2) 5 dredge pump head liners (suction side);
 - (3) 5 dredge pump suction mouth-piece liners.
- fob Rio Vista.

SACRAMENTO, Calif.—Until June 17, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-288, for one diesel powered track-laying type tractor; fob Sacramento. Allowance on trade-in for 50-h.p. caterpillar tractor.

SACRAMENTO, Calif.—Until June 17, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer 208 Post Office Bldg., Sacramento, under Order No. 9511, for the sale of one 50-h.p. caterpillar tractor.

SAN FRANCISCO.—Until June 14, 2 P. M., bids will be received by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1250, for furnishing two portable steel ranges; fob bidder's shipping point and/or Susanville.

SACRAMENTO, Calif.—Until June 17, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for rental of equipment, as follows:

BID NO. 1105-38-290—Furnishing and operating for 240 hours one RD No. 8 or equal caterpillar tractor and bulldozer, equipped with Le-Tourneau or equal power unit for lifting bulldozer; fob Colusa.

BID NO. 1105-38-291: (a) Furnishing and operating for 300 hours one RD No. 7, or equal, caterpillar tractor equipped with Le-Tourneau, or equal, power unit and Le-Tourneau, or equal, bulldozer; (b) mobilization and delivery of equipment to U. S. Engineers at Sacramento.

SAN FRANCISCO.—Bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and equipment, as follows:

JUNE 16, 3 P. M.:

BID NO. 868-38-192: One pedestal type tool grinder, electric, and one bench type tool grinder; fob waterfront point, San Francisco.

JUNE 20, 3 P. M.:

BID NO. 868-38-190: One diving outfit complete; fob U. S. Engineer warehouse, Presidio of S. F.; **BID NO. 868-38-191**: One oscillating pump complete; fob Fort Cronkhite, Marin County.

SAN FRANCISCO.—Until June 16, 3 P. M., bids will be received by the U. S. Engineer Office, District En-

gineer, 401 Custom House, San Francisco, under Bid No. 761-38-188, for furnishing and delivering one portable arc-welding machine, attachments, necessary equipment and parts; fob Dock, San Francisco, waterfront.

LOS ANGELES, Cal.—Until June 14, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for 20,010 ft. treated round wood piling fob contractor's plan, and/or Compton Creek, bet. Wilmingon Avenue and 122nd St., Compton. Bids will be received on: Option No. 1, 5000 ft. fob treating plant within 15 days and treating plant within 15 days completed; Option No. 2, 5000 ft. fob job site within 20 days and 5000 ft. each 7 days until completed; Option No. 3, 5000 ft. fob treating plant within 19 days and 5000 ft. each 7 days until completed; Option No. 4, 5000 ft. fob job site within 20 days and 5000 ft. each 7 days until complete. Bid bond 10% must accompany bid. Inv. 591.

FORT MASON, Cal.—Bids will be received by the Construction Quartermaster, San Francisco and vicinity, Fort Mason, for furnishing supplies and materials, as follows:

June 20, 10:00 A. M.

BID NO. QM-W-6616-38-22—Structural steel, including structural shapes, plates, bolts, rivets, and other misc. pieces and fittings; f.o.b. job site, Presidio of San Francisco.

June 21, 10:00 A. M.

BID NO. QM-W-6616-38-23—Roofing materials, including tile, asphalt, felt; f.o.b. jobsite, Presidio of San Francisco.

SAN FRANCISCO.—Until June 17, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing equipment, as follows:

BID NO. 868-38-123: One 16-in. bench drill, complete with not less than 1/2-h.p., 120 volts, single phase, 60 cycle; and one press, arbor for use on work up to 9 1/2-in.; fob San Francisco waterfront.

BID NO. 868-38-194: One valve seat grinder and one valve refacer; fob San Francisco waterfront.

BID NO. 868-38-195: Two redwood septic tanks; fob San Francisco waterfront.

BID NO. 868-38-196: One pipe machine, 1/2 to 2-in., with individual motor drive equipped with drive shaft, geared receding type die stock complete; fob San Francisco waterfront.

FORT MASON, Cal.—Until June 21, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-397, for furnishing miscellaneous parts for Marvel carburetor use on Chevrolet trucks; and Federal 2 1/2-ton cargo truck and auto electric lighted signal; fob Presidio of San Francisco.

FORT MASON, Calif.—Until June 23, 1:00 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-404, for furnishing one power driven band saw complete; and one dust-collect-

ing unit, electric power driven; f.o.b. Fort Mason, San Francisco.

SAN FRANCISCO.—Until June 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 658-38-157, for furnishing Redwood lumber; fob S. F. waterfront.

FORT MASON, Calif.—Until June 22, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-395, for furnishing laundry appliances, including extractor, tumbler, washing machine and presses; fob Quartermaster Laundry, March Field, Calif.

CANAL ZONE

PANAMA CANAL.—Until June 22 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3360, for furnishing materials, including:

Railway track material (compromise joints, frogs, and split switches), bronze pipe railings, foot gongs, cylinder mortise locks, wood snags, blocks and tackle blocks, dry cells, test clips, stop watches, ten-plins, cement floor, gardener, office paste, rust-preventive compound, an paper; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL.—Until June 15, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3355, for furnishing misc. supplies and materials, including:

Laboratory equipment (electrical metering equipment, current transformers, synchroscope, multimeter, frequency meter, stroboscope, potentiometer, oscilloscope, wheatstone bridge, meters, rheostats, knife switches, condensers and hook-up wire), steel bars, drill rods, wire nails, sheet brass, brass rods, copper flats and rounds, sheet copper, seamless brass pipe, seamless copper pipe, wire rope, copper wire, steel wire, music wire, manila rope, water hose, pneumatic hose and gasoline hose; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

JUNE 14, 2 P. M.:
 BID NO. 5772: 188 bbls. portland cement; fob Oakdale;

BID NO. 5787: 250 bbls. portland cement for Mill Creek Bridge; fob Red Bluff;

BID NO. 5789: 350 bbls. portland cement for Junction City Bridge; fob Redding;

BID NO. 5790: 250 bbls. portland cement for Layman's Bar Bridge; fob Blairsden;

BID NO. 5791: 250 bbls. portland cement for Big Bend Ranger Station Bridge; fob Soda Springs;

BID NO. 5792: 250 bbls. portland ce-

ment for Knownothing Creek Bridge; for Yreka;
 BID NO. 5793: 188 bbls. portland cement for Rock Bar Bridge; fob Placerville;
 BID NO. 5794: 200 bbls. portland cement for N. Battle Ck. Bridge; fob Red Bluff;
 BID NO. 5795: 500 bbls. portland cement for Hawkins Bar Bridge; fob Redding.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

JUNE 16, 2:00 P. M.
 BID NO. 5771—Roofing and doors (corr. galv. steel sheet), and ridge roll; f.o.b. Bishop, Cal.

BID NO. 5774—Finish plumbing, fixtures and fittings; f.o.b. Bishop.
 BID NO. 5778—Structural Douglas fir lumber for Rocky Bar Bridge; f.o.b. Martel, Cal.

BID NO. 5784—Structural Douglas fir lumber for Thirty Mile Stone and Kyburz Bridges; f.o.b. Placerville, Cal.
 BID NO. 5796—Holsting rope; f.o.b. Nevada City, Cal.

JUNE 17, 2:00 P. M.
 BID NO. 5769—30 feet steel skew spans, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel portions necessary for the erection of the span, Rocky Bar Bridge; f.o.b. Martel, Cal.

BID NO. 5770—75 ft. steel truss, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel portions necessary for the erection of the truss, Rocky Bar Bridge; f.o.b. Martel, Cal. *

SAN FRANCISCO.—Bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Building, 760 Market St., San Francisco, for furnishing equipment, as follows:

JUNE 16, 2 P. M.:
 BID NO. 1253: 4 wood and coal burning ranges complete; fob bidder's shipping point and/or Nevada City, Cal.

JUNE 18, 2 P. M.:
 BID NO. 1255: 3 comb. wood and coal electric ranges to operate on 110-220 volt 3-wire 60 C single phase circuit complete; fob bidder's shipping point and/or Mt. Shasta, Calif.

JUNE 20, 2 P. M.:
 BID NO. 1257: 4 tractor end-loader for installation on Govt.-owned Model '55' Cletrac tractor; fob bidder's shipping point and/or Government Island. *

SAN FRANCISCO.—Until June 15, 2 P. M., bids will be received by the Forest Service Regional Office, G. D. Huesli, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1252, for furnishing: one double oven, portable wood-burning, steel range, complete; fob bidder's shipping point and/or Colfax, Calif. *

LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 22, 2 p.m., bids will be received by the L. A. Water & Power Purchasing Agent for: armored submarine telephone and telegraph cable, Spec. 2649, as follows:

- (1) 2150 ft. to 2200 ft. of 51-pair, 19 B & S gage, non-quadded, single armored submarine cable;
- (2) 75,000 ft. 26-pair, 19 B & S gage, type C N B lead covered tele-

- phone cable;
- (3) 46,000 ft. 51-pair, 19 B & S gage, same;
- (4) 6,000 ft. 101-pair, 19 B & S gage, same;
- (5) 5,600 ft., 152-pair, 19 B & S gage, same.

ALAMEDA COUNTY

OAKLAND, Alameda Co., Calif.—Until June 21, 4 P. M., bids will be received by the Oakland Board of Education, John W. Edgemond, Secretary, Room 104, School Administration Bldg., Oakland, under Schedule No. 20, for furnishing lumber (Douglas fir, Ponderosa pine and Sugar pine, Redwood, hardwood, panels, dowering, composition board, doors, shingles). Specifications obtainable from above office. *

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$86; 303 Olive Aves., Piedmont; owner, W. E. Wallace, 642 Grand Ave., Piedmont; contractor, Donald D. McKenzie, 2222 9th Ave., Oakland.

REPAIRS, \$99; 12 Highland Avenue, Piedmont; owner and contractor, Edwin T. Garie, Prem.

REPAIRS, \$75; 52 Manor Dr., Piedmont; owner and contractor, Howard E. Burnett, 565 Santa Ray Ave.

ADDITIONS, \$800; 1607 Delaware, Berkeley; owner and contractor, Mrs. H. Franzen, 908 60th Street, Oakland.

GARAGE, 1-story frame, \$100; 4176 Mtn. View Ave., Oakland; owner and contractor, Thos. J. Reddy, Prem.

GARAGE, 1-story, \$100; 431 Clifton St., Oakland; owner and contractor, Vane S. Lashus, Prem.

ADD TO garage, \$48; 1484 76th Ave., Oakland; owner and contractor, D. V. Wolcott, Prem.

REPAIRS, \$75; 1925 88th Ave., Oakland; owner and contractor, Chas. J. Frias, Prem.

ALTERATIONS, \$50; 2432 Highland Ave., Oakland; owner and contractor, Clarence Clark, Prem.

ALTERATIONS, \$150; 551 25th St., Oakland; owner and contractor, Mrs. Larian, Prem.

REPAIRS, roof, \$14; 361 Hanover St., Oakland; owner, Nucleus Bldg. & Loan, San Jose; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

SIGN, electric, \$900; 5251 Broadway, Oakland; owner, Muncy Drug Co., Prem.; contractor, Sims Neon Co., 3213 Adeline St., Berkeley.

SIGN, electric, \$200; 3200 Lakeshore Ave., Oakland; owner, Lakeshore Pharmacy, Prem.; contractor, Sims Neon Co., 3213 Adeline St., Berkeley.

SIGN, electric, \$100; 1333 14th St., Oakland; owner, Mike Ergle, Prem.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, metal, \$10; 1478 7th St., Oakland; owner and contractor, M. Parente, 834 Center St.

SIGN, metal, \$80; 1401 Harrison St., Oakland; owner, Federal Drug Co., Prem.; contractor, Oakland Sign Co., 579 18th St.

SIGN, metal, \$15; 1235 E. 12th St., Oakland; owner and contractor, E. Casparian, Prem.

ADDITIONS, \$500; 922 Colusa Ave., Berkeley; owner and builder, W. C. Peterson, premises.

GARAGE, \$100; 2905 Regent, Berkeley; owner, Adeline rFederick, 2905 Regent; owner, F. H. Means 823 Curtis St.

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Advertises Six Bridge,
Road Jobs

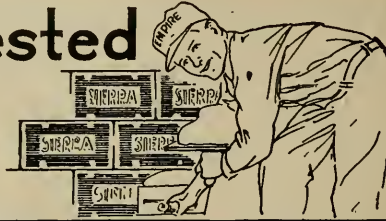
♦ ♦ ♦

Wilder Named S. F. Works Director

♦ ♦ ♦

Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JUNE 18, 1938

No. 25

Piazza & Huntley, Valley Construction, Macco, Granite Low on State Contracts

SACRAMENTO, June 15.—Low bids aggregating more than \$209,636 today were submitted to the State Division of Highways for bridge and highway construction in Monterey, Santa Barbara, Calaveras and Yuba counties.

Macco Construction Company, Clearwater, at \$61,264.55, submitted the low bid on the largest job involving three miles of grading and surfacing in Santa Barbara county. The stretch to be improved is located between Los Olivos and Zaca.

Other bidders were: M. J. Ruddy, \$62,924.40; J. E. Haddock and Crow Brothers Const. Co., \$65,575.02; A. S. Vinnell Co., \$65,692.65; Basich Bros., \$67,078.50; N. M. Ball Sons, \$67,592; Geo. K. Thompson Co., \$68,725.50; Oswald Bros., \$69,116.15; Gibbons Reed Co., \$69,980.60; Guerin Bros., \$71,613; C. R. Butterfield and Kennedy Company, \$73,856; United Conc. Pipe Corp., \$74,636.40; Dimmitt & Taylor, \$80,899.30; and C. O. Sparks and Mundo Engineering Co., \$90,176.50.

Calaveras Surfacing

The second largest contract calls for 5.9 miles of surfacing with gravel and plant-mix between 2.5 miles east of Valley Springs and San Andreas in Calaveras county.

Piazza & Huntley submitted the low proposal at \$54,071.90, followed by Claude C. Wood at \$57,386.

The next three bidders were bunched between \$63,000 and \$64,000, as follows: Lee J. Immel, \$63,398.10; Pacific States Const. Co., \$63,489.50; and Hanrahan Company, \$63,688.10.

Other bidders were: Union Paving Co., \$69,250; Independent Construction Co., Ltd., \$71,622; and Mountain Construction Co., \$73,906.90.

Bridge Construction

Valley Construction Company at \$49,734, submitted the low bid for construction of a reinforced concrete bridge at Dry Creek, about 13 miles east of Marysville in Yuba county. About 0.2 mile of grading and surfacing of approaches is included in the contract.

Bids were received as follows: Hemstreet & Bell, \$50,681; Campbell Construction Co., \$53,606.50; C. W. Caletti Co., \$50,081.50; Hol-

HAWAII DREDGING BIDS SCHEDULED

The Navy Department Bureau of Yards and Docks this week set an opening date for bids on dredging and disposal of material at Pearl Harbor, T. H., one of the major contracts in the current program of improvement of naval facilities in the Pacific.

Bids will be opened by the Bureau in Washington, D. C., July 20, it was announced. According to estimates of the department's engineers, the work will cost in the neighborhood of \$1,400,000.

According to present plans, the navy yards at Mare Island and Bremerton are in line for major improvements in the current program.

dener Construction Co., \$56,273; J. S. Metzger & Son, \$56,850; and J. M. Walker, \$61,959.75.

The fourth contract for which bids were opened today called for about one mile of grading and paving with Portland cement concrete at the Salinas bridge approaches near Soledad in Monterey county.

Granite Construction Company submitted the low bid at \$44,566. The three other bidders were: N. M. Ball Sons, \$52,755; Frederickson & Westbrook, \$57,015.70; and Louis Biasotti & Son, \$58,414.

Shipments of fire extinguishing motor equipment during April, 1938 amounted to 76 units, as compared to shipments of 74 units in April, 1937, the Bureau of Census reports.

SAN FRANCISCO FAIR BUILDING OUT FOR BIDS

State Commission to Open
Bids July 1 on General
Contract

Bids for construction of the San Francisco building and for certain decorative portions of the State exhibit center on Yerba Buena Shoals were invited yesterday by the California Commission for the Golden Gate International Exposition.

Proposals on the general contract will be opened July 1, Executive Officer C. H. Purcell announced.

The contract calls for general construction of the San Francisco building; Main Entrance, California Court; and Walls and Planting Boxes, San Francisco Court.

A two-story structure, the San Francisco building will house exhibits of the city and county of San Francisco. Contracts covering construction of the Alameda-Contra Costa building, the Shasta-Cascade building and the Mission Trails building already have been let by the Commission.

The San Francisco building will be constructed on pile foundations being placed under a separate contract.

Resitex Finish

It will be a frame structure containing about 40,000 square feet of floor space, surrounding an inner court 65 by 92 feet in size. The exterior of the building will be plywood with resitex finish.

Adjoining the San Francisco building will be the Main Entrance, a roof of decorated canvas supported by columns of plywood. The court of San Francisco will be built along oriental lines, with surrounding walls of plywood.

Clarence A. Tantau served as consulting architect. Timothy L. Pflueger is supervising architect for the Commission. Advertisement of the work is handled by the State Division of Architecture, George B. McDougall, State Architect.

HARNEY LOW ON SECOND SECTION OF 19th AVENUE

Contractor for First Section
Submits \$121,845 Proposal
for Second Unit

Chas. L. Harney yesterday "repeated" on the Nineteenth avenue improvement project by submitting the low bid to Director William H. Worden of the San Francisco Department of Public Works for construction of the second section of the half million dollar project.

Harney's bid on Section B, Lincoln Way to Lawton street, was \$121,845.20—almost \$6000 lower than the closest competing firm's proposal.

Fay Second Bidder

The Fay Improvement Company, at \$127,727, submitted the second lowest bid.

Other bidders were: Pacific States Construction Co., at \$128,564.50; Eaton and Smith, at \$132,815; and A. G. Raisch, at \$133,864.

Charles L. Harney was awarded the contract for construction of Section A of the Nineteenth avenue improvement project, running from Sloat boulevard to Taraval street, last October. The award was made at the bid price of \$110,316.90. The work was completed recently.

Track Reconstruction

Section B will be a similar job, according to engineers. Changing the grade of Municipal N car tracks will be handled under a separate contract by the Public Utilities Commission. Bids will be opened June 23 on the contract.

The Link-Belt Company, at \$4,245, submitted the low bid to Director Worden for construction of two sand and rock dryers for the Municipal asphalt plant. Other bidders were: Bodenson Mfg. Co., \$4,762; California Steel Products Co., \$5449; Ocean Shore Iron Works, \$6748; and Union Machine Company, \$6956.

Bids were received on another school improvement job. M. J. King at \$2125, submitted the low bid for interior plastering of Argonne School, and James F. Smith, at \$4593, was low for the exterior plastering of Cleveland School. Vance Peterson and A. W. Cordes also submitted bids on the contracts.

Otis Elevator Company, at \$2,583, was the low bidder for increasing travel and making other changes to a passenger elevator at the Hall of Justice. The only other bidder was the San Francisco Elevator Co. at \$2,846.75.

At the informal bid opening held yesterday, Standard Fence Co. at \$59.36, was the low bidder for furnishing and installing chain link fence at Patrick Henry School.

No formal bid calls were issued by Director Worden yesterday. Informal bids were called for a minor sewer improvement contract.

Six Bridge, Highway Projects Advertised By State; Bids Scheduled for July 6-7

SACRAMENTO, June 14.—The State Highway Commission today authorized calling for bids on six highway and bridge construction projects in San Mateo, Yolo, Humboldt, Los Angeles and San Bernardino Counties.

Bids on the first three will be opened in Sacramento, July 6; bids on the remaining contracts, two of which are in Los Angeles county, will be opened in Los Angeles, July 7.

The first Northern California project involves construction of a reinforced concrete bridge across Colma Creek in South San Francisco, San Mateo county.

The bridge will consist of one 24-foot span and two 19-foot 6-in. spans. About 0.06 mile of grading and surfacing of approaches is included in the contract, also.

Principal items include: 63,000 pounds of reinforcing steel; 300 cubic yards of Class A Portland cement structures; furnishing 1810 lineal feet of precast concrete piles; 15.75 tons of liquid asphalt; and 3.2 stations finishing roadway.

On the same day bids will be opened on a contract calling for construction of a reinforced concrete bridge across Cache Creek in Yolo county. About half a mile of approach roads are to be graded and surfaced. The work is located about three and one-half miles northeast of Rumsey.

The work involves: 2700 pounds of miscellaneous steel; 1015 cubic yards of Class A Portland cement structures; 280 cubic yards of Class A Portland cement footing blocks; 53.8 tons of liquid asphalt; 15,400 cubic yards of unclassified roadway excavation; and 31,200 station yards overhaul.

The Humboldt county project involves about one-quarter mile of grading and surfacing with plant-mix surfacing and sacked concrete, and placing riprap. The work is located at Greenlaw Bluffs, Humboldt county.

The three Southern California projects, for which bids will be opened July 7, involve construction and reconstruction of bridges, as follows:

San Bernardino county: a reinforced concrete slab bridge across Cucamonga Wash, two miles east of Ontario, consisting of five 22-ft. spans and two 20-ft. spans and two 5-ft. 6-in. cantilever spans on concrete pile bents.

Los Angeles county: construction of a reinforced concrete girder bridge across the Santa Clara River about five miles east of Saugus, consisting of eight 50-ft. spans and two 12-ft. 3-in. spans on reinforced concrete piers and abutments.

Los Angeles county: repairing a bridge across Malibu Creek about ten miles northwest of Santa Monica.

WILDER WILL DIRECT CITY PUBLIC WORKS

Former State PWA Director
Named to Succeed Worden
In Department

A. D. Wilder, widely known San Francisco engineer, yesterday was appointed by Mayor Angelo Rossi to succeed William H. Worden as director of the City Department of Public Works.

Executive engineer for the San Francisco housing authority, Wilder served as State WPA Director until the administration was reorganized last year on a regional basis.

Walter H. Sullivan, chairman of the housing authority, yesterday said that he would ask that Wilder be retained as executive engineer of the project until August 1 in order that he might complete the work now being carried out. Whether Mr. Worden, retiring director, will remain in his present post until August 1, or whether Mr. Wilder will hold both jobs during the month of July was not revealed yesterday. Mr. Wilder's present position carries a salary of \$5,000 per year while the director's post calls for \$8,000.

Alvin D. Wilder graduated from the University of California in 1908. Since that time he has held prominent engineering positions in the United States, Canada and Hawaii.

Following graduation he was engaged in railroad engineering until 1911 when he became a member of the staff of the Pan-Pacific Exposition. As assistant civil engineer and later as assistant structural engineer in charge of building construction he stayed with the Exposition until 1915 when he became a consulting engineer for the Spring Valley Water Company in San Francisco.

After a year in highway construction work during 1917 he went to Canada where he was engaged in water power and railroad construction work until 1924. After working on the Twelfth street bridge in Kansas City, he returned to Vancouver for railroad harbor work. In 1930 he came to San Francisco to enter private practice. With the exception of a project in Honolulu he has remained in San Francisco since

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1408-9	Doelger	Owner	4500
1410	Frattessa	Harder	3500
1411	Lindgren	Owner	3000
1412	Majouran	Bogle	1000
1413	Perazzo	Donner	4000
1414	Parish	Barrett	1500
1415	Schwartz	Owner	3000
1416	Swanson	Harder	3000
1417	Batz	Lindsay	4950
1418	Christensen	Owner	7000
1419	Jones	Prout	8000
1420	Kenney	Lindsay	3500
1421-2	Larsen	Larsen	3750
1423	Larsen	Larsen	4000
1424-5	Lindsay	Owner	3750
1426	R. C. Arch.	Relly	4000
1427	Schoensteiner	Callaghan	4600
1428	Tellefsen	Dal Porto	1500
1429	Coburn	Owner	1900
1430	Costello	Owner	3500
1431	Hansen	Owner	4000
1432	Ewing	Schmitt	3100
1433	Higgins	Owner	2000
1434-5	Lindsay	Owner	3500
1436	Vucini	Owner	16000
1437	Wing	Modern Fix.	1250
1438	Woolworth	Owner	25000
1439	Beancalana	Owner	6500
1440	Burrow	Owner	5000
1441	Commuter Club	Owner	6950
1442	Doelger	Owner	4000
1443	Keltern	Owner	3500
1444	Lindsay	Owner	3500
1445	Menconi	Owner	3800
1446-7	Nelson	Owner	3000
1448	P. G. & E.	Owner	40000
1449	Reed	Mullen	2000
1450	Rousseau	Owner	8000
1451-2	Rousseau	Owner	9000
1453	Spreckels	Owner	25000
1454	Texas Co.	Aetna	2000
1455	Vignati	Mohr	3500
1456	Walker	Owner	4500
1457	Cheung	Owner	1500
1458	Poppini	Owner	1000

DWELLING
 (1405) SW 15TH AVE. AND PACHECO ST. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., 320 Judah St.
 Architect—Not Given. \$4500

DWELLING
 (1409) W. 15TH AVE., 34 S PACHECO. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., 320 Judah St.
 Architect—Not Given. \$4500

DWELLING
 (1410) S. WILDE, 120 W GERARD. One-story and basement frame dwelling.
 Owner—V. Frattessa, 240 Van Ness Ave. South.
 Contractor—G. Harder, 632 44th Ave.
 Architect—Not Given. \$3500

DWELLING
 (1413) E. CORBETT, 262 S DIXIE ALLEY. One-story and basement frame dwelling.
 Owner—A. C. Lindgren, 346 Lowell Street.
 Architect—D. E. Jaekle, 126 Post St. \$3000

ALTERATIONS
 (1412) 3426 MISSION ST. Alter store and dwelling.
 Owner—Jennie Majouran, Redwood City.
 Contractor—James Bogle, 2467 Sutter St.
 Architect—Not Given. \$1000

DWELLING
 (1413) S. WILDER, 235 E OF DIAMOND ST. One-story and basement frame dwelling.
 Owner—Chester W. Perazzo, c/o Contractor.
 Contractor—Bernard W. Donner, 3800 Mission St.
 Architect—Not Given. \$4000

FOUNDATION
 (1414) N. 24TH ST., 110 E OF DIAMOND ST. Foundation.
 Owner—St. Philip's Parish, Diamond and Elizabeth Sts.
 Contractor—Barrett & Hilp, 918 Harrison St.
 Architect—Martin Rist, 944 Phelan Bldg. \$1500

DWELLING
 (1415) W. 46TH AVE., 100 N RIVERA. One-story and basement frame dwelling.
 Owner—S. A. Schwartz, 305 Grant Ave.
 Architect—Not Given. \$3000

DWELLING
 (1416) W. GERARD, 200 N WILDE. One-story and basement frame dwelling.
 Owner—J. A. Swanson, 1244 Gerard St.
 Contractor—G. Harder, 632 44th Ave.
 Architect—Not Given. \$3000

FRAME FLATS
 (1417) W. 37TH AVE., 325 N KIRKHAM. One-story and basement frame flats.
 Owner—Geo. J. Batz, 2090 Grove St.
 Contractor—C. T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$4950

FRAME FLATS
 (1418) W. 21ST AVE., 75 S JUDAH ST. Two-story and basement frame flats.
 Owner—Herman Christensen, 1801 19th Ave.
 Architect—C. O. Clausen, 746 46th Ave. \$7000

DWELLING
 (1419) NE 9TH AVE. AND MESA. Two-story and basement frame dwelling.
 Owner—R. Jones, c/o Archt.
 Contractor—J. Prout, 2530 Fillmore Street.
 Architect—F. Amandes, 414 Dewey Bldg. \$8000

DWELLING
 (1420) N. LAWTON, 82 N 30TH AVE. One-story and basement frame dwelling.
 Owner—James E. Kenney, 351 21st Ave.
 Contractor—C. T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3500

DWELLING
 (1421) NE LAIDLEY, 50 SE HARPER. One-story and basement frame dwelling.
 Owner—S. Larsen, 365 Ashton Ave.
 Contractor—Larsen & Laguens, 365 Ashton Ave.
 Architect—Not Given. \$3750

DWELLING
 (1422) NE LAIDLEY, 25 SE HARPER. One-story and basement frame dwelling.
 Owner—S. Larsen, 365 Ashton Ave.
 Contractor—Larsen & Laguens, 365 Ashton Ave.
 Architect—Not Given. \$3750

DWELLING
 (1423) NE LAIDLEY AND HARPER. One-story and basement frame dwelling.
 Owner—S. Larsen, 365 Ashton Ave.
 Contractor—Larsen & Laguens, 365 Ashton Ave.
 Architect—Not Given. \$4000

DWELLING
 (1424) W. 37TH AVE., 375 N KIRKHAM. One-story and basement frame dwelling.
 Owner—C. T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3750

DWELLING
 (1425) W. 37TH AVE., 350 N KIRKHAM. One-story and basement frame dwelling.
 Owner—C. T. Lindsay, 820 Taraval St.
 Architect—Not Given. \$3750

ALTERATIONS
 (1426) W. ATHENS, 100 S ITALY. Alter dwelling.
 Owner—Roman Catholic Archbishop, 1100 Franklin St.
 Contractor—Frank J. Reilly Co., 6350 Fulton St.
 Architect—H. A. Minton, Underwood Bldg. \$4000

ALTERATIONS
 (1427) 800 BUCHANAN. Alter apartments.
 Owner—J. H. Schoensteiner, Prem.
 Contractor—Jack Callaghan, 900 Clayton St.
 Architect—Not Given. \$4600

ALTERATIONS
 (1428) 370 FOURTH AVE. Alter flats.
 Owner—Mr. Tellefsen, Prem.
 Contractor—S. F. Dal Porto, 4327 Geary Blvd.
 Architect—Not Given. \$1500

ALTERATIONS
 (1429) NE 3RD AND 18TH STS. Alter garage.
 Owner—Ira W. Coburn, 2048 Market St.
 Architect—Not Given. \$1900

DWELLINGS (3)
 (1430) W. 40TH AVE., 150-175-200 N KIRKHAM. Three one-story and basement frame dwellings.
 Owner—Laurence Costello, 383 27th Ave.
 Architect—C. O. Clausen, 746 46th Ave. \$3500 each

DWELLINGS (5)
 (1431) E. CAYUGA, 25-50-75-100-125 N SANTA YNEZ. Five 1-story and basement frame dwellings.
 Owner—Hansen & Hansen, 2401 San Jose Ave.
 Architect—L. Y. Klein, Mill Valley. \$4000 each

DWELLING
 (1432) N. 30TH ST., 180 E CHURCH. One-story and basement frame dwelling.
 Owner—R. E. Ewing, 3949 Army.
 Contractor—Schmitt Bros., 25 Virgil Street.
 Architect—Not Given. \$3100

DWELLING
 (1433) SW REGENT, 100 W LESLIE. One-story frame dwelling.
 Owner—Joe Higgins, Inc., 62 Monterey Blvd.
 Architect—Not Given. \$2000

DWELLING
(1434) SE 22ND AVE. AND MORA-
GA. One-story frame dwelling.
Owner—Boyd C. Lindsay, 1176 Ale-
many Blvd.
Architect—Not Given. \$3500

DWELLINGS
(1435) E. 22ND AVE., 25-50-75 SO
MORAGA, AND SO MORAGA,
82 E 22ND AVE.
Owner—Boyd C. Lindsay, 1176 Ale-
many Blvd.
Architect—Not Given. \$3500 ea.

MARKET
(1436) SW TARAVAL AND 22ND
AVE. One-story frame market.
Owner—G. Vuccini, 110 Sutter St.
Contractor—Ed Zinkand & Sons, 667
36th Ave.
Architect—Albert W. Burgren, 110
Sutter St. \$16,000

ALTERATIONS
(1437) 627 JACKSON ST. Alter
store.
Owner—Geo. Wing Co., Prem.
Contractor—Modern Fixture & Cab-
inet Works, 59 Oak Grove St.
Architect—Not Given. \$1250

ALTERATIONS
(1438) 1623 FILLMORE ST. Alter
store.
Owner—F. W. Woolworth Co., Finan-
cial Center Bldg.
Architect—Not Given. \$25,000

DWELLING
(1439) SW RICHARDSON AVE., 100
N CHESTNUT. Two-story and
basement frame dwelling.
Owner—Ida Blanclana, 3026 Baker
St.
Architect—Not Given. \$6500

DWELLING
(1440) E. CROWN TERR., 95 S OF
PEMBERTON PL. Two-story
and basement frame dwelling.
Owner—R. H. Burrow, 42 Broderick
St.
Architect—Not Given. \$5000

ALTERATIONS
(1441) NW FIRST AND MISSION
STS. Alter restaurant.
Owner—The Commuter Club, Prem.
Contractor—The Fink-Schindler Co.,
552 Brannan St.
Architect—Not Given. \$6950

DWELLING
(1442) S. PACHECO, 90 W 15TH
AVE. One-story and basement
frame dwelling.
Owner—Henry Doelger Bldr., Inc.,
320 Judah St.
Architect—Not Given. \$4000

ALTERATIONS
(1443) SW PLYMOUTH & BROAD
STS. Alter store.
Owner—Wm. Keitern, 319 Plymouth
Street.
Architect—Not Given. \$3500

DWELLING
(1444) E. CAYUGA, 175 S GENEVA.
One-story and basement frame
dwelling.
Owner—C. T. Lindsay, 820 Taraval
Street.
Architect—Not Given. \$3500

DWELLING
(1445) S. SILVER AVE., 60 NE OF
HAMILTON. One-story & base-
ment frame dwelling.
Owner—Carlo and L. Menconi, 3525
Jennings.
Architect—Not Given. \$3800

DWELLING
(1446) W. CORBETT AVE., 217 S
PEMBERTON PL. One-story &
basement frame dwelling.

Owner—Fernando Nelson & Sons, 2901
19th Ave.
Architect—Not Given. \$3000

DWELLING
(1447) W. CORBETT AVE., 188 S
PEMBERTON PL. One-story &
basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901
19th Ave.
Architect—Not Given. \$3000

SUBSTATION
(1448) E. STERLING, 130 S HAR-
RISON ST. Class A Substation.
Owner—Pacific Gas & Electric Co.,
Architect—Not Given. \$40,000

245 Market St.
ALTERATIONS
(1449) 977 MARKET ST. Alter
store.
Owner—Reed Stores Corp., 6528 Hol-
wood Blvd.
Contractor—Mullen Mfg. Co., 60
Rausch St.
Architect—Not Given. \$2000

DWELLING
(1450) E. BUCHANAN, 57 S VAL-
LEJO. Two-story and basement
frame dwelling.
Owner—Oliver M. Rousseau, 321
Kearny St.
Architect—Not Given. \$8000

FRAME FLATS
(1451) E. BUCHANAN, 111 S VAL-
LEJO. Two-story and basement
frame flats.
Owner—Oliver M. Rousseau, 321
Kearny St.
Architect—Not Given. \$9000

FRAME FLATS
(1452) E. BUCHANAN, 85 S VAL-
LEJO ST. Two-story and base-
ment frame flats.
Owner—Oliver M. Rousseau, 321
Kearny St.
Architect—Not Given. \$9000

GARAGE
(1453) N. PINE, 80 W DAVIS. Two-
story Class B garage.
Owner—J. D. and A. B. Spreckels, 2
Pine St.
Engineer—H. J. Brunner, 55 New
Montgomery St.
Architect—H. A. Thomsen, Jr., 315
Montgomery St. \$25,000

SERVICE STATION
(1454) SW EDDY AND LARKIN
STS. Steel service station.
Owner—The Texas Co., Hearst Bldg.
Contractor—Aetna Constr. Co., 1730
24th Ave.
Architect—Not Given. \$2000

DWELLING
(1455) NW CASELLI AVE., 110 W
DANVERS. One-story and base-
ment frame dwelling.
Owner—Eugene and Jos. Vignati,
4482 Mission St.
Contractor—Rudolph Mohr & Sons,
4482 Mission St.
Architect—Not Given. \$3500

ALTERATIONS
(1456) W. 47TH AVE., 225 S TARA-
VAL. Alter dwelling.
Owner—Earl Walker, S.S. Lurline,
Matson S.S. Co.
Architect—Norman R. Coulter, 46
Kearny St. \$4500

ALTERATIONS
(1457) 19 SALMON. Alter flats.
Owner & Contractor—Annie Cheung,
1107 Moran Street.
Architect—Not Given. \$1,500

DWELLING
(1458) NW OLMSTEAD 170 NE
Bowdoin. One-story and base-

ment frame dwelling.
Owner & Builder—Wm. J. Poppini,
630 Olmstead Street.
Architect—Not Given. \$1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1335	Bonds	Owner	5500
1336	Pearce	Owner	4000
1337	Weyle	Ames	4650
1338	Borland	Beckett	14188
1339	Kaiser	Kaiser	4000
1340	P. G. & E.	Owner	4000
1341	Palmer	Davis	4500
1342	Davies	MacGregor	2200
1343	Hoglund	Owner	4000
1344	MacGregor	Owner	2200
1345	St. Mary	Merchant	3000
1346	Capra	Silva	3300
1347	Collins	Pereira	4000
1348	Mosher	Owner	5500
1349	Santa	Waring	2500
1350	Tide Water	Owner	8000
1351	White	Bretherick	3500
1352	Jrivas	Massel	1800
1353	Tate	Tate	4000
1354	Taylor	Owner	2000
1355	Davidson	Netherby	4500
1356	Fries	Betz	1000
1357	Oak. Hl Sch.	Nicholson	1265
1358	Oak. Hl Sch.	Nicholson	1488
1359	Ruggero	Beckett	6000
1360	Teague	Petersen	4700
1361	Andregeggi	Faramia	2850
1362	Budgun	Stead	5000
1363	Calif. Farm Bureau	Armstrong	10000
1364	Gerdes	Stifle	1800
1365	Turner	Teigland	4000
1366	Cent. B. & L.	Schenk	1000
1367	Mungo	Hayward	3250
1368	Rupp	Alexander	2400
1369	Underwood	Jones	1272
1370	Waite	Potter	3975
1372	Allen	Owner	1800
1373	Allen	Allen	5000
1374	Benckic	Owner	3750
1375	Brown	Owner	12000
1376	Callott	Buel	1250
1377	Dooley	Owner	3900
1378	Duff	Jensen	3300
1379	Paul	Justice	3000
1380	Raffo	Rod	1500
1381	Scammell	Owner	5000
1382-3	Scherman	Owner	3500
1384	Walstrom	Knight	1150

DWELLING
(1335) 747 GRIZZLY PEAK BLVD.,
BERKELEY. One-story 6-room
frame dwelling and garage.
Owner & Builder—Milton S. Bonds,
733 Keeler.
Architect—Not Given. \$5500

DWELLING
(1336) 2875 SHASTA, BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner & Builder—G. G. Pearce, 5
Uplands.
Architect—Not Given. \$4000

DWELLING
(1337) 1341 SANTA FE, BERKE-
LEY. One-story 6-room frame
dwelling and garage.
Owner—Mr. and Mrs. R. F. Weyle,
1248 Rose.
Contractor—H. L. Ames, 655 Chet-
wood St., Oakland.
Architect—Not Given. \$4650

ALTERATIONS
(1338) 1128 BROADWAY, OAK-
LAND. Alterations.
Owner—Agnis Borland Estate, 1128
Broadway.
Contractor—A. T. Beckett, 224 Sce-
nic.
Architect—W. E. Milwain, 1503 Oak-
land. \$14,188

ALTERATIONS
(1339) 2409 DURANT AVE., OAK-
LAND. One-story 5-room dwell-
ing.

Owner—A. F. Kaiser, 2337 27th Ave.
 Contractor—Osincup & Kaiser, 1065
 Victor Ave., San Leandro.
 Also 1-sty. frame garage, \$275.
 Architect—Not Given. \$4000

SUB-STATION
 (1340) WEST END OF KEY SYSTEM FILL. One-story sub-station.
 Owner & Builder—Pacific Gas and Electric Co., 245 Market St., San Francisco.
 Also 1-story conc. sub-station, \$15,000.
 Architect—Not Given. \$40,000

DWELLING
 (1341) 1801 108TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—B. Palmer, Oakland.
 Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.
 Architect—Geo. L. O'Brien, Jr., 640 Bancroft Ave., San Leandro.
 Also garage, \$350.
 Architect—Not Given. \$4500

DWELLING
 (1342) 836 EVELYN, ALBANY. 1-story 4-room frame dwelling.
 Owner—Ethel M. Davies, 1391 Solano.
 Contractor—C. M. MacGregor, 1391 Solano.
 Architect—Not Given. \$2200

DWELLING
 (1343) 535 STANNAGE, ALBANY. One-story 5-room frame dwelling.
 Owner & Builder—Elof K. Haglund, 2330 Grant.
 Architect—Not Given. \$4000

DWELLING
 (1344) 1148 PORTLAND, BERKELEY. One-story 4-room frame dwelling.
 Owner & Builder—Charlotte F. MacGregor, 1391 Solano.
 Architect—Not Given. \$2200

ALTERATIONS
 (1345) 1225 MILVIA, BERKELEY. Alterations.
 Owner—St. Mary Magdaline, 2005 Berryman.
 Contractor—T. E. Merchant, S. F.
 Architect—Not Given. \$3000

DWELLING
 (1346) 4520 MARKET ST., OAKLAND. One-story 5-room dwelling.
 Owner—Frank Capra, 841 42nd St.
 Contractor—J. P. Silva, 870 46th St.
 Architect—Not Given. \$3300

DWELLING
 (1347) S. HOLLAND ST., 62 W OF 55TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—J. I. Collins, 1439 55th Ave.
 Contractor—Q. V. Pereira, 3301 Columbian Dr.
 Also 1-sty. garage, \$200.
 Architect—Not Given. \$4000

DWELLING
 (1348) 5972 CHABOLYN TERRACE, OAKLAND. One-story 6-room dwelling.
 Owner & Builder—R. L. Mosher, 6018 Pinewood Road.
 Also 1-sty. garage, \$300.
 Architect—Not Given. \$5500

ALTERATIONS, ETC.
 (1349) 9303 E. ST., OAKKLAND. Alterations and additions.
 Owner—G. & E. Santa, Prem.
 Contractor—Arlie Waring, 3234 Prentiss St.
 Architect—Not Given. \$2500

SERVICE STATION
 (1350) 101 PERRY ST., OAKLAND. One-story steel service station.

Owner & Builder—Tidewater Assoc. Oil Co., 79 New Montgomery St., San Francisco.
 Architect—Vincent G. Raney, 299 Post St., San Francisco. \$6000

DWELLING
 (1351) 3325 GEORGIA ST., OAKLAND. One-story 5-room dwelling.
 Owner—Lillie White, 465 Bellevue Ave.
 Contractor—C. O. Bretherick, 3982 Whittle Ave.
 Also 1-story garage, \$160.
 Architect—Not Given. \$3500

DWELLING
 (1352) 3028 ACTON, BERKELEY. One-story 3-room frame dwelling.
 Owner—P. E. Jorvas, 2560 Truman Ave., Oakland.
 Contractor—Pete Massel, 3030 Acton.
 Architect—Not Given. \$1600

DWELLING
 (1353) 819 CENTRAL AVE., ALAMEDA. One-story 5-room dwelling.
 Owner—S. J. Tate, 5317 Broadway, Oakland.
 Contractor—S. J. Tate.
 Architect—Not Given. \$4000

DWELLING
 (1354) 1613 VISALIA, BERKELEY. One-story 3-room frame dwelling.
 Owner & Builder—H. W. Taylor, 1609 Visalia.
 Architect—Not Given. \$2000

DWELLING
 (1355) 2687 LOS AROMAS, OAKLAND. One-story 5-room dwelling.
 Owner—J. W. Davidson, Prem.
 Contractor—W. A. Netherby, 3853 Lyman Road.
 Architect—Not Given. \$4500

ADDITION
 (1356) 187 DUNCAN WAY, OAKLAND. Addition.
 Owner—Geo. S. Fries, Prem.
 Contractor—C. G. Betz, 1535 Delaware St., Berkeley.
 Architect—Not Given. \$1000

CLASSROOMS (4)
 (1357) 6701 E. 14TH ST., OAKLAND. Four one-story classrooms.
 Owner—Oakland High School District, Prem.
 Contractor—D. W. Nicholson, 357 12th St.
 Architect—Not Given. \$1265 ea.

CLASSROOMS (5)
 (1358) 2800 E. 17TH ST., OAKLAND. Five one-story classrooms.
 Owner—Oakland School District, Prem.
 Contractor—D. W. Nicholson, 357 12th Street.
 Also 1-sty. classroom, \$2932.
 Architect—Not Given. \$1466 ea.

DWELLING
 (1359) 25 TEMPLAR PL., OAKLAND. One-story 5-room dwelling.
 Owner—A. & L. Ruggero, Prem.
 Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
 Architect—Not Given. \$6000

DWELLING
 (1360) 2007 DRAKE DRIVE, OAKLAND. One-story 5-room dwelling.
 Owner—E. C. Teague, 700 E. 24th St.
 Contractor—Godfrsy Petersen, 1336 Portland Ave., Albany.
 Architect—Not Given. \$4700

ADDITIONS
 (1361) 1821 ACTON, BERKELEY. Additions.
 Owner—Mrs. Andreggsli, Prem.

Contractor—J. Faramia, 827 Madison St., Albany.
 Architect—Not Given. \$2850

OFFICE & GARAGE
 (1362) 1310 MCGEE, BERKELEY. One-story 3-room office and storage garage.
 Owner—G. Budgun, Prem.
 Contractor—F. A. Stead, 3206 Boise.
 Architect—A. Hardman, 2068 Allston Way, Berkeley. \$5000

OFFICE
 (1363) 2161 ALLSTON WAY, BERKELEY. One-story 12-room brick office.
 Owner—Calif. Farm Bureau, Prem.
 Contractor—J. R. Armstrong, 834 E. 10th St., Oakland.
 Architect—E. S. Snyder. \$10,000

DWELLING
 (1364) 1196 CORNELL, BERKELEY. One-story 3-room frame dwelling.
 Owner—J. D. Gerdes, Mill Valley.
 Contractor—E. A. Stifle, 2618 Ritchie St., Oakland.
 Architect—Not Given. \$1800

LABORATORY
 (1365) 2556 BANCROFT WAY, 1-sty. 3-room laboratory.
 Owner—F. C. Turner, Durant Ave.
 Contractor—C. M. Teigland, 525 49th St., Oakland.
 Architect—Julia Morgan, Merchants Exch. Bldg., San Francisco. \$4000

RETAIN. WALL
 (1366) 5972 BUENA VISTA AVE., OAKLAND. Concrete retaining wall.
 Owner—Central Bldg. & Loan Assn., 369 13th St.
 Contractor—Henry O. Schenk, 302 Magnolia Ave., Piedmont.
 Architect—Not Given. \$1000

DWELLING
 (1367) 2269 106TH AVE., OAKLAND. One-story 5-room dwelling.
 Owner—V. Mungo, 1956 Dante St.
 Contractor—C. D. Hayward, 2990 Barrett St.
 Architect—Not Given. \$3250

SERVICE STATION
 (1368) 1974 FRANKLIN ST., OAKLAND. One-story brick service station.
 Owner—K. K. Rupp, 1935 Cedar St., Berkeley.
 Contractor—F. D. Alexander, 358 17th St.
 Also two 1-sty. brick canopies, \$300 each.
 Architect—Not Given. \$2400

ALTERATIONS, ETC.
 (1369) 1622 29TH AVE., OAKLAND. Alterations and additions.
 Owner—Miss Underwood, 1969 35th Ave.
 Contractor—S. W. Jones, 5829 Lawton Ave.
 Architect—Not Given. \$1272

DWELLING
 (1370) 3824 LOMA VISTA AVE., OAKLAND. One-story 6-room dwelling.
 Owner—Wm. Walte, Prem.
 Contractor—A. W. Potter & Sons, 6324 Camden St.
 Also 1-story garage, \$200.
 Architect—Not Given. \$3975

DWELLING
 (1371) 80 ALAMO, BERKELEY. 1-story 5-room frame dwelling.
 Owner—J. E. Schmidt, 1052 Monterey.
 Contractor—Edw. M. Sorensen, 1907 Parker.
 Architect—Scott Haymond, 310 Am. Trust Bldg. \$5500

DWELLING
(1372) 908 71ST AVE., OAKLAND.
One-story 3-room dwelling.
Owner & Builder—Alexander Allen,
Prem.
Architect—Not Given. \$1800

DWELLING
(1373) 80 SELKIRK ST., OAKLAND
One-story 6-room dwelling.
Owner—Glenn G. Allen, 3471 Laurel
Ave.
Contractor—Allen & Allen, 3471 Lau-
rel Ave.
Architect—F. H. Slocombe, 131 Monte
Cresta Ave. \$5000

DWELLING
(1374) 10509 LONGFELLOW AVE.,
OAKLAND. One-story 6-room
dwelling.
Owner & Builder—J. J. Bendick, 3738
Magee Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$3750

DWELLING
(1375) 6045 ASCOT DR., OAKLAND.
Two-story 9-room dwelling.
Owner & Builder—Arthur Brown,
2624 8th Ave.
Architect—Not Given. \$12,000

ALTERATIONS
(1376) 409 MERRITT AVE., OAK-
LAND. Alterations.
Owner—S. Callott, Prem.
Contractor—Ensor H. Buel, 1295
Hearst Ave., Berkeley. \$1250

DWELLING
(1377) 2726 23RD AVE., OAKLAND.
One-story 5-room dwelling.
Owner & Builder—Fred T. Dooley,
400 35th Ave.
Architect—Not Given. \$3900

DWELLING
(1378) 101 TAURUS AVE., OAK-
LAND. One-story 4-room dwell-
ing.
Owner—D. Duff, Oakland, Calif.
Contractor—H. K. Jensen, 2757 Raw-
son.
Also garage, \$300.
Architect—Not Given. \$3300

DWELLING
(1379) 3452 68TH AVE., OAKLAND.
One-story 5-room dwelling.
Owner—R. Paul, Prem.
Contractor—N. F. Justice, 2206 Clin-
ton Ave., Alameda.
Also 1-story garage, \$125.
Architect—Not Given. \$3000

REPAIRS
(1380) 1719 PERALTA ST., OAK-
LAND. Fire repairs.
Owner—A. Raffo, 1719 Peralta St.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$1500

DWELLING
(1381) 160 SONIA ST., OAKLAND.
One-story 6-room dwelling.
Owner & Builder—J. W. Scammell,
424 Scenic Ave., Piedmont.
Architect—Not Given. \$5000

DWELLING
(1382) 3824 COLUMBIAN DRIVE,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—Sol Scherman, 1538
26th Ave.
Architect—Not Given. \$3500

DWELLINGS (2)
(1383) 7501-7509 CIRCLE HILL DR.,
OAKLAND. One-story 5-room
dwelling.
Owner & Builder—S. Scherman, 1538
26th Ave.
Architect—Not Given. \$3500 ea.

REPAIRS
(1384) 2006 92ND AVE., OAKLAND.

Fire repairs.
Owner—A. Walstrom, 2006 92nd Ave.
Contractor—Harry C. Knight, 1435
Harrison.
Architect—Not Given. \$1150

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
326	Roos Bros	Mullen	30000
327	P T & T Co	Paoli	1185
328	Landreville	Wold	10050
329	Devincenzi	Tomlin	16000
330	R. C. Archb.	Murray	625
331	R. C. Archb.	Bosch	6975
332	Tellefsen	Dal Porto	2100

INTERIOR WORK
(326) MARKET and Stockton Sts.
Interior work on first floor of
store.
Owner—Roos Bros, Inc., premises.
Architect—Albert E. Williams, 251
Post St.
Contractor—Mullen Mfg. Co., 64
Rausch St.
Filed, June 9, '38. Dated, June 1, '38.
Progress payments of.....50%
Upon completion.....25%
Usual 35 days.....25%
TOTAL COST, \$30,000.00
Plans and Spec. filed.

PAINTING, ETC.
(327) 1045 CAPP ST. Exterior paint-
ing and waterproofing telephone
building.

Owner—Pacific T. & T. Co., 444 Bush.
Architect—Not Given.
Contractor—R. P. Paoli & Co., 2530
Lombard Street.
Filed, June 10, '38. Dated, May 20, '38.
Upon completion.....75%
Forty days after.....25%
TOTAL COST, \$1,185

Bond, \$1185. Sureties, Pacific In-
demnity Co. Specifications filed.

FLATS
(328) S JUDAH 68 E 16th Avenue.
Two-story and basement frame
flats.

Owner—Louis A. Landreville, 1043
Judah Street.
Architect—Albert H. Larsen, 333
Kearny Street.
Contractor—C. L. Wold Const. Co.,
4412-16 Fulton St.
Filed, June 10, '38. Dated, May 31, '38.
Frame up.....\$2512.50
Brown coated.....2512.50
Completed.....2512.50
Usual 35 days.....2512.50
TOTAL COST, \$10,050
Limit, 150 days. Plans and specifica-
tions filed.

(329) SE 19th and MISSISSIPPI.
Four bungalows.
Owner—A. C. Devincenzi, 2635 Mis-
sion Street.
Architect—Not Given.
Contractor—Benj. F. Tomlin, 418 Mu-
nich Street.

Filed and dated, June 13, 1938.
Roof on.....\$4,000
Brown coated.....4,000
Completion.....4,000
Usual 35 days.....4,000
TOTAL COST, \$16,000
Limit, 90 days. Forfeit, \$3 per day.

PAINTING
(330) SW DIAMOND AND 18TH
STS. Painting work at church.
Owner—R. C. Archbishop of S. F.,
1100 Franklin St.
Architect—John J. Foley, 770 Fifth
Ave.
Contractor—John J. Murray, 35 Jer-
sey St.
Filed June 14, '38. Dated May 18, '38.
75% monthly; 25% usual 35 days.
TOTAL COST, \$625
Bond, \$625. Surety, Hartford Acc. &

Indem. Co. Limit, 30 days. Plans
and specifications filed.

FRAME AND PLASTER
(331) SW DIAMOND AND 18TH
STS. Frame and plaster const-
ructed.

of church.
Owner—R. C. Archbishop of S. F.,
1100 Franklin St.
Architect—John J. Foley, 770 Fifth
Ave.
Contractor—Leonard Bosch, 167 5th
Ave.
Filed June 14, '38. Dated May 23, '38.
75% each month; 25% usual 35 da.
TOTAL COST, \$6,975.00
Bond, \$6,975. Surety, Mass. Bonding
& Ins. Co. Limit, 40 days. Plans
and specifications filed.

ALTERATIONS
(332) 370 FOURTH AVE. Alter 2-
story and basement frame dwell-
ing into flat bldg.
Owner—Theo. Tellefsen, 370 4th Ave.
Architect—Not Given.
Contractor—S. F. Dal Porto.
Filed, June 15, '38. Dated, June 14, '38
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, \$2,100.00
Plans and Specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
196	P. G. & E.	Gerwick	1000
195	Calif	Beckett	12743

WAREHOUSE
(195) BANCROFT WAY and Third
St., Berkeley. Warehouse.

Owner—California Prune Growers'
Assn., San Jose.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic
Ave., Piedmont.
Filed, June 11, '38. Dated, June 8, '38
Concrete work completed.....\$4247.66
Completion.....4247.66
Balance usual 35 days.
TOTAL COST, \$12,743.00

Bond, \$12,743. Sureties, N. Y. Cas-
ualty Co. Limit, 60 days. Plans and
specifications filed.

(196) NEAR BAY BRIDGE APPR.
OAKLAND. Excavating and re-
constructing rock sea walls.

Owner—P. G. & E., 445 Sutter St.,
San Francisco.
Contractor—Ben C. Gerwick, 112
Market St., San Francisco.
Fifth day each month, 85% labor
and material; usual 35 days, bal.
TOTAL COST, Not Given.

Bond, \$10,300. Surety, U. S. Fidelity
& Guar. Forfeit, \$100 per day. Lim-
it, 35 days. Plans and specifications
filed.

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$350; 2678 Ritchie Street,
Oakland; owner, Pacific Bond &
Montage Co., 1404 Franklin St.;
contractor, Feary & Grantham,
1313 San Jose Ave., Alameda.

ALTERATIONS, \$200; 2401 Havens-
court Blvd., Oakland; owner, J.
Labarde, Prem.; contractor, Ar-
thur A. Moore, 526 57th St.

ALTERATIONS, \$110; 1119 Franklin
St., Oakland; owner, Franklin
Investment Co., Tribune Bldg.;
contractor, Lloyd S. Dawson, 1972
Tiffin Road.

REPAIRS, roof, \$150; 1580 Madison
St., Oakland; owner, L. Lloyd,
Prem.; contractor, Jack Johnson,
2323 Foothill Blvd.

ADDITION, \$350; 9209 Mountain
Blvd., Oakland; owner and con-
tractor, Oak Knoll Land Co.,
Prem.

ALTERATIONS, \$15; 1423 12th Ave.,
Oakland; owner and contractor,
J. D. Lofano, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Eggs, Stores and |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Consls. |
| 10.—Hotels | 20.—Misc. Supplies & |

1—APARTMENTS

Bids In—Under Advertisment
APARTMENTS Cost, \$.....
BURLINGAME, San Mateo Co., Cal. Three-story frame and stucco apartment house (5 four-room apts.); Spanish style; four garages.
Owner—Anton Rulfs, 1466 Bellevue Ave., Burlingame (Burl. 7289-R).
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
 Announcement shortly.

Being Done By Day's Work
APARTMENTS Cost, \$100,000
SACRAMENTO, Calif. 3363 H St. Three-story apartment house to contain twelve apartments.
Owner & Builder—Mrs. Alene Matthews and Arthur J. Fisher, 800 35th St., Sacramento.
Architect—Not Given. 1

Preparing Preliminary Plans
APARTMENTS Cost, \$.....
BERKELEY, Alameda Co., Cal. Two-story frame and stucco apartment house to contain four 4-rm. apts.; hardwood floors, tile baths, composition shingle roof, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.

4—FACTORIES & WAREHOUSES

Planned
INDUSTRIAL BLDG. Cost, \$.....
SAN RAFAEL, Marin County, Calif. Francisco Blvd.—Canal. Construction of electrical manufacturing plant.
Owner—North Bay Electric Co. (M. J. Lamperti, owner), 1022 4th St., San Rafael.
Architect—Not Given. 4

Planned
PLANT Cost, \$40,000
SANTA ROSA, Sonoma Co., Calif. Construction of new plant to replace one recently destroyed by fire.
Owner—Poultry Producers of Central California.
Architect—Not Given.

Contract Awarded
WAREHOUSE Cost, \$.....
SPOKANE, Wash. East Sprague. Brick, tile and reinforced concrete warehouse (100,000 sq. ft. of floor space, about 8000 sq. ft. of terrazzo floor) will contain display room, office, parts and repair rooms, warehouse, docks, etc.
Owner—Northern Pacific R. Co., A. F. Stotler, Asst. Chief Engr., 181 King St., Seattle.

Lessee—International Harvester Co., Chicago.
Plans by Engr. Dept. of Owner.
Contractor—Frank E. Martin, 254 Main Ave., Spokane.
Work starts immediately.

5—FLATS

Bids In—Held Under Advertisment.
DUPLEX FLATS Est. Cost, \$14,000
SAN FRANCISCO, NW Greenwch and Leavenworth Streets. Two-story frame and stucco duplex flats (12 rooms); gas-steam htg. plant, tile showers with doors, hardwood floors, tile kitchens and baths, composition roof, steel and wood sash, etc.
Owner—Withheld.
Architect—Martin J. Rist, Phelan Building.

Bids In—Held Under Advertisment.
FLATS Est. Cost, \$8,000
SAN FRANCISCO, Greenwch and Leavenworth Streets. Two-story flats (6 and 7 rooms) tile showers and baths, hardwood floors, wood and steel sash, composition roof, garages.
Owner—Withheld.
Architect—Martin J. Rist, Phelan Building.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work
GARAGE Cost, \$25,000
SAN FRANCISCO, N. Pine St., 80 ft. W. Davis St.
Two-story Class B garage bldg.
Owner—J. D. and A. B. Spreckels, 2 Pine St.
Architect—H. A. Thomsen, Jr., 315 Montgomery St.
Engineer—H. J. Brunner, 55 New Montgomery St. 6

7—FEDERAL BUILDINGS

CONTRACT AWARDED
SACRAMENTO, Cal.—Turner Resilient Floors, Inc., 141 Montgomery St., San Francisco, at \$1,197, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for linoleum floor covering and acoustic tile walls and ceilings, at the U. S. Post Office, Court House, etc., at Sacramento.

CONTRACT AWARDED
SAN FRANCISCO.—Nick Hemminga, 627 35th Ave., at \$1,350, was awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for partition changes, etc., at the Federal Office Bldg., San Francisco.

BIDS WANTED
SAN DIEGO, Cal.—Until June 28, 11 A. M., bids will be received by the 11th Naval District, Public Works Officer, foot of Broadway, San Diego, under Spec. 8712, or replacement of boilers and auxiliary equipment at the 11th Naval District (Naval Hospital), San Diego.

Work includes (a) removal of two 150-h.p. return tubular boilers with setting, certain breeching sections, two boiler-feed pumps, fuel-oil pump unit, storage tank and feed-water heaters with structural support, steam, water, fuel-oil and other pip-

ing, and misc. parts; and (b) furnishing and installing one 400-h.p. water-tube boiler with support frame and setting, breeching sections, two boiler feed pumps, one fuel-oil pump unit, storage tank and feed-water heater with structural support, over-head platform with extensions, metering equipment, steam, water, fuel-oil, drip, waste and other piping and misc. equipment.

Bidding data obtainable from the Public Works Officer upon deposit of \$10, payable to the Chief of the Bureau of Yards & Docks. * 7

CONTRACT AWARDED
SAN FRANCISCO—Clifton C. Newman, 507 Brannan St., at \$14,798 (includes alternate proposal No. 2) was awarded contract by the Constructing Quartermaster, Fort Mason, for constructing new roof and making other repairs to warehouse B-2, at Fort Mason.

LOW BIDDER
RIVERSIDE, Riverside Co., Cal.—George M. Easton, 4822 W. Jefferson St., Los Angeles, at \$36,800 submitted low bid to the Division of Purchase, Sales & Traffic, U. S. Department of Agriculture, Washington, D. C., for the construction of a headhouse, 2 air-conditioned greenhouses and a machinery pit at the U. S. Regional Salinity Laboratory, Rubidoux Heights, Riverside. (147) 1st report May 20, 1938. * 7

CONTRACT AWARDED
FLAGSTAFF, Ariz.—Robert E. L. Majors, 208 N Stanton Street, El Paso, Texas, at \$932 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. P. O. at Flagstaff. 7

Contract Awarded Cont. Pr., \$440,794
RESIDENCE
MANILA, P. I. Construction of the U. S. High Commissioner's Office and Residence (except elevators and dumbwaiter), and garage and servants' quarters at Manila, P. I.
Owner—United States Government.
Plans by Procurement Division, Public Buildings Branch, Washington, D. C.
Contractor—Marsman Bldg. Corp., Manila.

BIDS WANTED June 14, 1938.
SAN DIEGO, Cal.—Until June 28, 11 a.m., bids will be received by the 11th Naval District, Public Works Officer, foot of Broadway, San Diego, under Spec. 8729, asphalt tile floor covering in Barracks and combined mess hall-galley-barracks building at the Naval Operating Base (Air Station), San Diego.

Work includes furnishing and installing approx. 5700 sq. ft. of asphalt floor tile in first and second floors of the barracks building and the second floor of the combined mess hall-galley-barracks building; the grinding of existing Portland cement floor base to a square shoulder to receive the floor covering; and the furnishing and installing of bronze edging strips at the room door openings.

Bidding data obtainable from the Public Works Office upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. * 7

BIDS OPENED

SAN FRANCISCO.—The following bids for factory received, June 10 by the Quartermaster, 9th Corps Area, Presidio of San Francisco, for the fabrication of (A) 17 units of 21 portable demountable buildings each, and (B) one unit of six portable demountable buildings for CCC camps within the Ninth Corps Area: Southern Mfg. Co., Gadsby, Ala.: (A) \$17,195; (B) \$3,25; 1% 10 day dis.; plus \$1,000 off all camps. King & Boozer, Aderson, Ala.: (A) \$17,195; (B) \$3,260; 1% 10 days, plus \$1,000 off each camp (A only).

Illinois Lbr. Yards, Chicago: (A) \$1,927.70; (B) \$3,420.90; 5% on 3 to 5 units; 6% on 6 to 8 units; 7% on 9 or more units; del. pr. Western Pine Mfg. Co., Ltd., Spokane, Wash.: (A) \$1,265.58; (B) \$3,580.91; 1% 30 days.

Louis Straus, Spokane, Wash.: (A) \$18,438; (B) \$3,858; 2% 20 days, plus 3% on 3 items; 4% on 16 items.

Carlton Lbr. Co., Portland, Ore.: (A) \$18,520.45; (B) \$.....; net. American Builders, Seattle: (A) \$18,835; (B) \$3,650; net.

Prefabricated Contr. Co. Seattle: (A) \$19,850; (B) \$3,780; 4 1/2% from all items del. price (A only).

Long-Bell Lbr. Co., Longview, Wash.: (A) \$26,335; (B); 2% 10 day.

Complete bids submitted for rail heads at 18 various destinations on file for examination at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco.

(98) 1st report June 1, 1938. * 7

COMPLETE BIDS

RIVERSIDE BIDS
RIVERSIDE, Riverside Co., Calif.—Geo. M. Easton, 5764 San Vicente Blvd., Los Angeles, submitted low bid to the U. S. Department of Agriculture at \$36,800 for construction of a headhouse, two air conditioned greenhouses and a machinery pit at the U. S. Regional Salinity Laboratory, Rubidoux Heights, Riverside.

Plans prepared by Ruhau & Saunders; Kenneth M. Saunders, architect, 3484 Jackson St., Riverside.

Complete bids were:

G. M. Easton, L. A. \$36,800.00
C. T. Pritchard, Riverside. 37,798.00
Cresler & Emtin, Riverside. 41,000.00
H. A. Nichols, L. A. 41,755.00
John Strona, Pomona. 43,650.00
A. T. Pratt, Riverside. 43,922.55
Wm. C. Crowell, Pasadena. 49,500.00

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Calif.—Until June 24, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscaping work at the U. S. Post Office at Huntington Park. 7

BIDS WANTED

REDDING, Shasta Co., Cal.—Until June 23, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new concrete floor and vents at the U. S. Post Office at Redding. 7

BIDS WANTED

HONOLULU, T. H.—Until June 23, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting exterior and interior woodwork at U. S. Post Office and Court Hse., at Honolulu. 7

BIDS OPENED

FORT MASON, Calif.—Cookson & Co., 964 Harrison St., San Francisco, at \$1,757, submitted low bid to the War Dept. Office of the Port Quartermaster, Fort Mason, for installing four new steel rolling doors on old

portion of Pier Shed No. 2 (Bldg.

No. 47), Fort Mason.

Complete bids were:

Cookson & Co., \$1,757.
Gleason Steel Products Co., \$1,847.
G. G. Wilson Corp., \$1,847.
Kinmer Mfg. Co., \$1,847.
Price Bldg. Specialties, \$1,874.
H. A. Waterhouse, \$1,857.

BIDS WANTED

SACRAMENTO, Calif.—Until July 8, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster (additional stories) in the U. S. Post Office, Court House, etc., Sacramento.

Specifications obtainable from the above office and from the Custodian of the Building at Sacramento.

CONTRACT AWARDED

WOODLAND, Yolo Co., Cal.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at \$82, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for hand railings at the U. S. Post Office at Woodland. * 7

MATERIALS APPROVED

SAN FRANCISCO.—Treasury Department approved following building material and equipment awards for construction of additional storage vault at the U. S. Mint, San Francisco: B. A. Hawkins & Co., general contractors; Plumbing fixtures, Kohler Co.; electric water cooler, Gen. Elec. Co.; automatic temperature regulator for ventilation, Barber-Coleman Co.; electric control for fan motor, General Elec. Co.; fan, Amer. Blower Corp.; conduit, Triangle Conduit & Cable Co.; rubber-covered wire, Triangle Conduit & Cable Co.; receptacles for light and power, Arrow-Hart & Hegeman Elec. Co.; flush switches, Bryant Elec. Co.; vault protection system, Amer. District Telegraph Co.; watchmen's system, Amer. Dist. Tel. Co.; glassware, Phoenix Glass Co.; lighting fixtures, Severin Elec. Co.

BIDS WANTED

TRACY, San Joaquin Co., Calif.—Bids are now being received by the Custodian for landscaping at the U. S. Post Office, Tracy. 7

BIDS WANTED

SANTA BARB. RA, Calif.—Until July 7, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscaping at the U. S. Post Office, at Santa Barbara. 7

Sub-Contracts Awarded

FEDERAL EXHIBIT BLDG.

Contract Price, \$335,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Federal Exhibit building to house the Government exhibits.

Owner—United States Golden Gate International Exposition Commission (George Creel, Commissioner), 209 Bush St., San Francisco. Consulting Architect—Timothy L. Plueger, 580 Market Street, San Francisco.

Contractor—George A. Fuller Co., 403 S. Spring St., Los Angeles.

Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.

Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., San Francisco.

Glass & Glazing—W. P. Fuller & Co., 135 North Los Angeles, L. A.

Mill Work—Pacific Mfg. Co., 6820 McKinley Ave., Los Angeles.

Piles—M. B. McGowan Co., 74 New Montgomery St., San Francisco.

Structural Steel—Moore Drydock Co., foot of Adeline St., Oakland.

BIDS OPENED
MARSHFIELD, Oregon.—Vlesko & Hannaman, Salem, Ore., at \$1,988, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for roof and miscellaneous repairs at the U. S. Post Office at Marshfield.

Second low bid submitted by Henry L. Grohne, Decatur, Ill., at \$2,440.

8— CLUB BUILDINGS

Bids In—Under Advertisement
ELKS HALL Est. Cost, \$25,000
OROVILLE, Butte Co., Calif. 1445 Myers St.

Alterations and additions to Sandler Bldg., to accommodate new Elks Hall (widening of building 10 ft., addition of second floor, complete remodeling).

Owner—Oroville Elks Hall Association, 701 E. Baldwin, Pres.

Architect—Marshall A. Dean, 2104 Addison St., Berkeley.

Contract Awarded

RECREATION CENTER
Cont. Pr. \$23,376
WEST BERKELEY, Alameda Co., Cal. Y. M. C. A.

One- and part two-story wood frame recreation center building with gymnasium (50 x 85 ft.).

Owner—Young Men's Christian Assn. Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.

Contractor—W. E. Lyons Construction Co. and H. J. Christensen Co., 2009 Pacific Ave., Alameda.

Contract price includes acceptance of alternate proposals 1 and 2.

9— HOSPITALS

Preliminary Plans Completed
ADDITION Cost, \$160,000
HANFORD, Kings Co., Cal. Kings County Hospital.

Additions to hospital building, detention home, out-patients department, nurses' home and laundry of concrete and brick construction, tile roof, air conditioned.

Owner—County of Kings.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Application filed for PWA grant.

Preparing Plans
HOSPITAL ADDITION Cost, \$20,000
MADERA, Madera Co., Cal. 501 E. Yosemite St.

Fifteen-room hospital addition of brick construction; air conditioned.

Owner—Dr. R. R. Dearborn, Madera.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Sub Contracts Awarded
LAUNDRY ADDN. Cont. Pr., \$51,137
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.

Erection and completion of addition to laundry building, consisting of a one-story reinforced concrete addition to existing laundry with hollow tile partitions, steel windows, shingle tile and composition roof covering.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Contractor—Moore & Roberts, 693 Mission St., San Francisco.

Mill Work—Union Planing Mill, Taylor and Sutter, Stockton.

Roofing—Davenport Roofing & Tiling Co., 717 C St., San Rafael.

Sheet Metal—Morrison & Co., 74 DuBoce St., San Francisco.

Tile & Marble—H. P. Fischer Tile &

Marble Co., 1219 J St., Sacramento.
 Painting—John F. Ecker, 17 W. Poplar St., Stockton.
 Brick Work—Ray W. Stirn, 1430 E. Walnut St., Stockton.
 Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
 Cast Cement—Henry Gregoire, 357 12th St., San Francisco.

10—HOTELS

Segregated Contracts Awarded
REMODEL HOTEL Cost, \$
PASO ROBLES, San Luis Obispo Co., Calif. Paso Robles Hotel.
 General remodeling of interior of hotel; outdoor cocktail bar & landscaping.
 Owner—Withheld.
 Architect—Hertzka and Knowles, 369 Pine St., San Francisco.
 Landscaping Architect—T. D. Church
Bar Woodwork—Exposition Woodworking Co., 661 Golden Gate Avenue, San Francisco.
Bar Equipment—Mangrum, Holbrook & Elkus, Golden Gate Ave. and Hyde St., San Francisco.
Plumbing—Cameron Plbg. Shop, 1215 Pine St., Paso Robles.
 (80) 1st report May 31, 1938. * 10

**13—PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

BIDS OPENED
SAN FRANCISCO—Otis Elevator Co., 1 Beach St., at \$2583, submitted low bid to the Department of Public Works, City Hall, for increasing travel and making other changes to one passenger elevator at the Hall of Justice, Washington and Kearny Sts. Only other bid submitted by San Francisco Elevator Co., Inc., at \$2,846.75. * 13

Bids Wanted—To Close July 1, 2:00 P. M.
SAN FRANCISCO BLDG. ETC.
YERBA BUENA SHOALS, Site of the Golden Gate International Exposition.
San Francisco Bldg.: Calif. Court—Main Entrance; San Francisco Court—Walls and planting boxes.

The San Francisco Building will be a two-story frame structure with approximately 40,000 sq. ft. floor area, surrounding two-story 40-ft. high inner court (65 x 92 ft.), with fountain on first floor; exterior of bldg. will be ply board with resistex finish; steel sash; grand stairway approximately 40 ft. high and 18 feet across; adjoining San Francisco Bldg. will be Main entrance to the California Court supported by columns of plywood with a roof of decorated canvas; the Court of San Francisco will be built along Oriental lines with surrounding walls of plywood.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Pfleger, Supervising Architect; Clarence A. Tantau, Consulting Architect).

Plans and specifications may be obtained at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, upon deposit of \$25, \$15 returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and in Oakland.

Bids, which must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 10% of bid, will be received by the Dept. of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building.

CONTRACT AWARDED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend Street, at \$5555 awarded contract by the Department of Public Works, City Hall for installing acoustical material in the Assessor's Office, City Hall. * 13

BIDS WANTED
SOUTH PASADENA, Los Angeles Co., Cal.—Until June 22, 2 P. M., bids will be received by City of South Pasadena; B. A. Garlinghouse, city manager, for a frame and stucco field and service building to be built in Arroyo Park, South Pasadena. Plans obtainable at office of city engineer upon deposit of \$5. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. * 13

CONTRACT AWARDED
SAN FRANCISCO—Frank J. Reilly Co., 6250 Fulton St., at \$1741, was awarded contract by the Department of Public Works, City Hall, for safety equipment on the windows of the City Hall. * 13

BIDS OPENED
SAN FRANCISCO—Link-Belt Co., 400 Paul Ave., at \$4245, submitted low bid to the Dept. of Public Wks., City Hall, for building and constructing two sand and rock dryers for the Municipal asphalt plant, Corporation Yard, 11th and Bryant Sts.

Complete bids were:
 Link-Belt Co. \$4245
 Bodenson Mfg. Co. 4762
 Calif. Steel Products Co. 5449
 Ocean Shore Iron Works. 6748
 Union Machine Co. 6956
 * 13

Bids Wanted—To Close July 5, 2 P. M.
INSPECTION STA. Cost, \$.....
NEVADA CO., Calif. Near Truckee. Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work consists of moving two existing sheds to new locations, remodeling same and constructing an addition. Work also includes construction of fence and necessary paving of approaches and curbs).

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.

Bids are being received for the entire work.
 Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Contract Awarded
ELECTRIC WORK Cont. Pr., \$2034.35
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
 Electrical work, North Square Court; Contract No. 183.
 Owner—S. F. Bay Expos. Inc. (L. W. Cutler, Pres.), 585 Bush Street.
 Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St.
 Contractor—Enterprise Elec. Works, 1164 Mission St., San Francisco.

PLUMBING FIXTURES
 Contract Price, \$24,311.37
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
 Plumbing fixtures Contract No. 161.
 Owner—S. F. Bay Expos. Inc. (L. W. Cutler, Pres.), 585 Bush Street.
 Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St.
 Contractor—James H. Pinkerton Co., 927 Howard St., San Francisco.

Contract Awarded
FIRE HOUSE Cont. Pr., \$20,495
LARKSPUR, Marin Co., Calif.
 Two-story frame fire house to contain garage for fire apparatus, chief's office and jail on the 1st floor, and living quarters for chief, dormitory and recreation rooms on 2nd floor.
 Owner—Town of Larkspur.
 Architect—S. Helman, 605 Market St. San Francisco.
 Contractor—De Luca & Son, Inc. 1745 Filbert St., San Francisco.
 Complete bids follow:
 De Luca & Son, Inc., S. F. \$20,495
 E. W. Ruhl, San Anselmo 20,690
 Ernest Laxton, San Anselmo, 21,019
 V. Maggiora, Sausalito, 22,200
 A. C. Wheeler, Larkspur, 24,750

Preparing Preliminary Plans
CITY HALL Cost, \$.....
FRESNO, Fresno Co., Calif.
 Four-story concrete city hall.
 Owner—City of Fresno.
 Architect—Franklin and Kump, Jr., T. W. Patterson Bldg., Fresno.
 PWA grant will be applied for.

CONTRACT AWARDED
SAN FRANCISCO—Lacquer Floor Service Co., 2350 Keith St., at \$450, awarded contract by the Dept. of Public Works, City Hall, for cleaning and lacquering linoleum covering at the Richmond and Presidio Public Branch Libraries. * 13

CONTRACT AWARDED
SAN FRANCISCO—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts., at \$76, awarded contract by the Dept. of Public Works, City Hall, for drilling 76 holes in cast iron columns of third-story windows at Hall of Justice. * 13

Funds Asked
COURTHOUSE ADDITION Est. Cost, \$240,000
SAN MATEO, San Mateo Co., Calif. Addition to San Mateo County Courthouse.
 Owner—County of San Mateo.
 Architects—W. H. Toepke, 74 New Montgomery St.; Thomas M. Edwards, 9 Geary St., and H. A. Schnary, 605 Market St., San Francisco.

Application has been filed for PWA grant in the amount of 45% of cost to aid in financing. Balance of funds on hand.

Preparing Preliminary Plans
FIRE HOUSE Cost, \$40,000
FRESNO, Fresno Co., Calif.
 Concrete fire house.
 Owner—City of Fresno.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Application will be made shortly for PWA grant.

Funds Asked
LIBRARY Est. Cost, 25,000
SAN BRUNO, San Mateo Co., Calif.
 One-story reinforced concrete library building.
 Owner—City of San Bruno.
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.
 Application has been made for PWA grant to assist in financing construction.

BIDS WANTED

SAUSALITO, Marin Co., Calif.—Until June 30, 8 P. M., bids will be received by the City of Sausalito, W. Z. Tiffany, City Clerk, for wrecking and removing that certain wooden frame building known as the "McPherson" building, situated near the intersection of Caledonia and Johnson Streets.

Bid must be accompanied by cash or certified check payable to the City of Sausalito in the amount of 10% of bid. 13

Completing Working Drawings

MEMORIAL BLDG. Est. Cost, \$90,000
HONOLULU, T. H. Mabel Smythe Memorial Bldg.

Memorial building to serve as headquarters for nurses and doctors, containing administrative offices, assembly hall, social rooms, library, etc.

Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.

Plans will be ready for bids in three weeks.

Bids Wanted—To Close July 5,

2 P. M.
INSPECTION STA. Cost, \$.....
SISKIYOU COUNTY, Cal. Near Dorris

Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work also includes erilling of a well, construction of a fence and paving approaches and curbs).

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.

Bids are being received for the entire work.

Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Contracts Awarded

TRADES BLDG. ETC. Cost, \$.....
SPADRA, Los Angeles Co., Cal. Pacific Colony.

Erection and completion of one-story trades building, chapel and mortuary at Pacific Colony (of wood and steel frame construction with concrete floors, exterior cement plaster and composition roof.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.

General Work
R. Westcott Co., Inc., 1831 N Main St., Los Angeles, \$24,329.

Mechanical Work
S. C. Brown Co., Inc., 135 W 17th St., Los Angeles, \$7,100.

Electric Work
MacFarlane Electric, 117 E 3rd St., Santa Ana, \$2,897.

Proposed**CIVIC AUDITORIUM**

Est. Cost, \$250,000
SANTA CRUZ, Calif. Southwest corner of Center and Church Sts.

Two-story early California style auditorium building (approx. 100 x 160 ft.), seating 1410 on main floor with balcony to seat 600; stage, dressing rooms, committee rooms.

Owner—City of Santa Cruz.
Architect—Mark Daniels, 101 Post St., San Francisco.

The Santa Cruz city council unanimously approved a formal application for a \$112,500 PWA grant, contingent upon proposed municipal bond issue of \$137,500.

BIDS OPENED

ALAMEDA CO., Cal.—Alta Electric & Mechanical Co., Inc., 487 O-

Farrall St., San Francisco, at \$58,725, submitted low bid to the Alameda County Board of Supervisors, Court House, Oakland, for erection, installation and completion of the Arroyo-Del Valle Central Heating Plant on the grounds of Arroyo-Del Valle Sanitarium, near Livermore, Alameda County.

Total bids were:
Alta Electric & Mechanical Co., Inc., San Francisco—\$58,725.
Miller Constr. Co., S. F.—\$59,500.
Moore & Roberts, S. F.—\$63,376.
H. J. Christensen Co. and W. E. Lyons Constr. Co., Alameda—\$64,660.
A. Nelson, Inc., S. F.—\$65,766.
A. Holyoake Hayward—\$67,023.
John E. Branagh, Piedmont—\$67,211.

Geo. Swanstrom, Oakland—\$67,876.
P. J. Walker Co., S. F.—\$71,800.
E. T. Leiter Sons, Oakland—\$71,937.
Emil Person, Berkeley—\$72,106.

Sub-Contracts Awarded

GRANDSTAND Cont. Pr., \$27,850
FERNDALE, Humboldt Co., Calif. Partial grandstand, judges' stand and pari-mutuel section under item 10.

Owner—Humboldt County Fair.
Architect—F. T. Georgeson, Georgeson Bldg., Eureka.

Engineer—W. H. Ellison, 821 Market St., San Francisco.

Contractor—F. J. Maurer & Son, Inc., 3031 E St., Eureka.

Electric Wiring—Ferdale Elec. Shop Sheet Metal—F. Bahliquist, Ferdale. Foundations and Concrete—Ed Morgan, 426 W Buhne St., Eureka. Lumber—Holmes Eureka-Hammond, Pacific and Dolbeer Carson Lbr. Companies.

Mill Work—Holmes Eureka Lbr. Co. Hardware—Baker Crosby Hardware Co., Eureka.

Misc. Structural Metal—Eureka Boiler & Steel Products Co., foot of T St., Eureka.

14— RESIDENCE

Bids In—Held Under Advertisment
RESIDENCE Est. Cost, \$9,000
SAN FRANCISCO, Greenwich and Leavenworth Streets.

Two-story frame and stucco residence (six rooms), composition roof, tile kitchen and bath, hardwood floors, etc.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Bldg.

Plans Completed
DUPLEX RESIDENCE Cost, \$8,000
STOCKTON, San Joaquin Co., Calif.

Two-story frame and stucco duplex residence with two-car detached garage, shingle roof, gas furnace, linoleum and tile baths, wall beds, gas stoves, refrigerators, insulated, wood sash, etc.

Owner—Dr. E. A. Dunstan, 33 North Sutter St., Stockton.
Architect—Joseph Losekann, 1023 N. Madison St., Stockton.

The owner received bids from a selected list of contractors.

Preparing Working Drawings
REMODEL RESIDENCE

Cost, \$.....
ATHERTON, San Mateo Co., Cal. Remodel residence.

Owner—Stanley Cowen, c/o Archt. Architect—Mario Corbett, 72 Third Ave., San Mateo.

Preparing Working Drawings
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif.

One-story frame residence (5 rooms), hardwood floors, tile bath, etc.
Owner—Withheld

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Plans Completed

RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Cal. Yosemitte.

One-story frame and stucco residence (hardwood floors, tile baths, etc.)

Owner—Withheld.
Architect—C. J. Ryland, 136 Bond-facio Place, Monterey.

Bids will be asked within a few days.

Contract Awarded

RESIDENCE Cost, \$.....
MARIN COUNTY, Del Mesa Tract.

Two-story frame residence (10 rms.), cement plaster exterior, composition roof, gas heating, hardwood floors.

Owner—Mr. Bowman, c/o Architect. Architect—Gardner A. Dalley, 219 Post St., San Francisco.

Contractor—Leibert & Trobeck, Albert Bldg., San Rafael.

Bids Rejected

RESIDENCE Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.

Two-story frame and wood siding residence (hardwood floors, tile bath, etc.)

Owner—O. E. Jensen, c/o Architect. Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Bids rejected as too high.

Bids Rejected

RESIDENCE Est. Cost, \$6,000
SANTA ROSA, Sonoma Co., Calif.

Two-story frame and stucco residence (6 rooms, 2 baths) shingle roof, hardwood floors, tile baths.

Owner—Dr. Carl Sawyer, c/o Arch. Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Bids rejected as too high.

Contract Awarded

RESIDENCE Cost, \$9,000
SAN FRANCISCO, Visitation Valley.

Two-story frame and stucco residence (6 rooms, 2 baths), hardwood floors, tile baths, wood sash, social hall.

Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Contractor—The Ruggs Co., 369 Pine Street.

Completing Working Drawings

RESIDENCE Est. Cost, \$10,000
SALINAS, Monterey Co., Cal. Maple Park.

Two-story frame and stucco residence (6 rooms, 2 baths), hardwood floors, tile baths, wood sash, etc.

Owner—Mr. Gibson, c/o Archt. Architect—Charles E. Butler, 7 Winham St., Salinas.

Plans will be completed and bids asked in about one week.

Preparing Working Drawings

RESIDENCE Cost, \$.....
PIEDMONT PINES, Alameda Co.

Two-story frame and stucco residence (Colonial style, hardwood floors, tile baths, etc.)

Owner—Mr. Fenger, c/o Architect. Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contract Awarded

FLATS Cost, \$9,000
SAN FRANCISCO, Stanyan St.

Two-story frame and stucco flats (two 5-room flats); hardwood floors, tile baths, wood sash, etc.

Owner—Mr. Campe.
Architect—D. E. Jaekle, 126 Post St. Contractor—A. Bernhardt, 924 Taraval St.

Plans Completed
RESIDENCE Est. Cost, \$8,000
GARDEN VILLAGE, San Mateo Co.
 One-story frame and wood siding residence (6 rooms) hardwood floors, tile bath, forced hot air heating system, shingle roof, etc.
 Owner—C. H. Kromer, c/o Cent.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.
 Contractor—Paul A. Wolter, Jr., 90 Ravenwood Dr., San Francisco.

Preparing Working Drawings
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Chabior Road.
 Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Pratt, c/o Architect.
 Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Preparing Working Drawings
RESIDENCE Cost, \$.....
MODESTO, Stanislaus Co., Calif.
 Two-story frame and stucco residence (7 rooms) hardwood floors, tile baths, wood sash, hot air heating system, shingle roof, etc.
 Owner—W. Giddings, c/o Archt.
 Architect—Russell G. de Lappe, 5905 Keith Ave., Oakland.
 Plans will be completed and bids asked in about two weeks.

Preparing Working Drawings
DUPLEX RESIDENCE Cost, \$.....
SOUTH FRANCISCO, San Mateo Co., Cal.
 One-story frame residence (8 rooms, 2 baths); hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.

Bids In—Held Under Advertisment
RESIDENCE
BURLINGAME, San Mateo Co., Cal. Ralston Avenue.
 Two-story frame and stucco residence (hardwood floors, tile baths, wood sash, gas hot air heating system).
 Owner—Withheld.
 Architect—Ed Musson Sharpe, 111 Sutter St., San Francisco.

Contract Awarded
RESIDENCE
BERKELEY, Alameda County, Calif. Grizzley Road.
 Two-story frame and stucco residence (8 rooms), hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Baxter, c/o Archt.
 Architect—Clarence W. Mayhew, 6026 Acadia St., Oakland.
 Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Preparing Plans
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 One-story frame and stucco residence (6 rooms) hardwood floors tile bath, etc.
 Owner—Al. Bolei, c/o Architect.
 Architect—Edward W. Kress, First National Bank Bldg., San Jose.

Contract Awarded
RESIDENCE Cont. Pr., \$4,777
KENTFIELD, Marin Co., Calif.
 One-story residence (Redwood siding, panel walls, linoleum bath, shake roof, garage and terraces).
 Owner—R. Turman.
 Architect—Walter C. Clifford, 310 Locust St., San Francisco.
 Contractor—Allen Fenno, San Anselmo.

Sub Contracts Awarded
RESIDENCE Cost, \$.....
SAN MATEO, San Mateo Co., Calif.
 Two-story frame and stucco residence (7 rooms, 3 baths), composition shingle roof, warm air gas fired heating system, hardwood floors, tiled baths, wood sash, etc.
 Owner—Walter Schulken, c/o Archt. Architect—Erle J. Osborne, 25 Kearny St., San Francisco.
 Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.
 Plumbing—Frank J. Regan, 245 California Dr., Burlingame.
 Heating—Atlas Heating & Ventilating Co., Ltd., 557 Fourth St., San Francisco.
 Sheet Metal—G & M Sheet Metal Works, 504 9th Ave., San Mateo.
 Brick and Stone Work—Chas. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.
 Lumber—Wisnom Lumber Co., 5th and S. Claremont Sts., San Mateo.
 Mill Work—Pacific Mfg. Co., Santa Clara.
 Painting—A. Petterson, 120 Tilton Ave., San Mateo.

Sub-Contracts Awarded
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 Two-story frame and wood siding residence (six rooms) hardwood floors, linoleum drainboards, tile shower floors, shingle roof, gas furnace, wood sash, etc.
 Owner—Howard L. Shannon, c/o the Architect.
 Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
 Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.
 Plumbing—Miller Plumbing Co., 4712 Alum Rock Avenue.
 Electric Wiring—Schutte Brothers, 37 Fountain Street.
 Sheet Metal—Farmers' Union, 151 W. Santa Clara.

Hardwood Floors—Best Hardwood Floors Co., 1819 Park Ave.
Lumber—L. H. Chase Lumber Co., 547 W. Santa Clara St.
Mill Work—Pacific Mfg. Co., Santa Clara.
 Painting—Walter Reed, 30 Keeble.
 Lathing and Plastering—Farnham & Sanders, Box 40-H, Los Gatos.
 All of San Jose, unless otherwise noted.

Contracts Awarded
APARTMENTS Cost, \$1,000,000
SEATTLE, Wash. 12-acre site on Madison Point north of Madison Park.
 Eighteen apartment units containing 304 apts. (1050 rooms) brick veneer exteriors for all units which will be scattered over landscaped site. Each unit of different architecture (hardwood floors, tile baths, electrical refrigeration and ranges, etc.) Will rent for about \$15 per room.
 Owner—Madison Park Housing Corporation, Manson Backus, Pres. Architect—Graham & Painter, Dexter Horton Bldg., Seattle.
 Contractor—Henrikson-Alstrom Construction Co., Textile Tower, Seattle.
 University Plumbing and Heating Corp., 3939 University Way, Seattle, awarded contract for plumbing and heating, and electric work awarded O. A. Carlson, 2212 Second Ave., Seattle.
 Work will start within one week.

Contract Awarded
RESIDENCE Cost, \$5,000
SAN JOSE, Santa Clara Co., Calif. Lot 10, Topeka Ave., Trace Park Subdivision.
 One-story frame and stucco resi-

dence (5 rooms), hardwood floors, wood sash, tile bath, etc.
 Owner—Mr. Barsi.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.
 Contractor—P. J. Pasetta, 2390 Park Ave., Santa Clara.

To Be Done By Day's Work
RESIDENCE Cost, \$6,000
SAN MATEO, Cal., Lot 18, Bk. 24, Aragon Tract.
 One-story French Provincial style residence; hardwood floors, tile baths, etc.
 Owner & Builder—Paul L. Debreit, 153 Castillan Way, San Mateo.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

Work Underway
RESIDENCES Cost, \$180,000
MILL VALLEY, Marin Co., Calif.
 Construction of five residences on Ethel Ave. (\$45,000); ten-unit bungalow court on Miller Ave. (\$35,000), and twenty-five studio bungalows throughout the city (\$100,000).

Owner—Land Development Co. (Morris Stulsaft, Pres., Marguerite Ave., Mill Valley), and E. Pohll, 8 Corte Madera Ave., Mill Valley.
 Plans by Owners.

Bids In—Held Under Advertisment
RESIDENCE Est. Cost, \$5,000
MODESTO, Stanislaus Co., Cal.
 Two-story French Provincial style residence.
 Owner—Donald Morris, c/o Archt. Architect—G. N. Hilburn, 1211 K St., Modesto.

Preparing Plans
RESIDENCE Cost, \$5,000
SAN MATEO, Calif. S. Idaho St., between 2nd and 3rd Aves.
 One-story frame residence (5 rms.); hardwood floors, tile bath, etc.
 Owner—Lee Haywood.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.
 Upon completion of plans, owner will take bids.

15—SCHOOLS

CONTRACTS AWARDED
DAVIS, Yolo Co., Calif.—Worley & Co., 39 Natoma St., San Francisco, at \$2,472.30 (steel shelving and steel gun racks) and Lyon Metal Products Co., Inc., 582 Market St., San Francisco, at \$3,928.27 (steel lockers and locker room benches) awarded contracts by the Regents of the University of California, Berkeley, for the above work in connection with the new gymnasium, University Farm, Davis.

CONTRACTS AWARDED
SAUSALITO, Marin Co., Calif.—Meyers Linoleum Shop, Mill Valley, at \$463.28; Tamalpais Hardware Co., at \$646.28, and American Seating Co., San Francisco, at 25c per sq. ft., awarded contracts for furnishing and laying linoleum, and for furnishing only hardware, and hollow plate blackboards, respectively, by the Tamalpais Union High School District.
 Bids for electric heaters held under advisement.

BIDS OPENED
SAN FRANCISCO—M. J. King, 231 Franklin St., at \$125 on item (a) Argonne School, and Jas. F. Smith, 271 Minna St., at \$4593 on item (b) Cleveland School, submitted low bids to the Department of Public Works, City Hall, for interior and exterior

plastering at the above schools.

Complete bids were:

M. J. King: (a) \$2125; (b) \$5742.
James F. Smith: (a) \$2195; (b) \$4593.
Vance Peterson: (a) \$2200; (b) \$5300.
A. W. Cordes: (a) \$2498; (b) \$6590.

15

Sub-Contracts Awarded

SCHOOL BLDGS. Con. Pr., \$132,442
CAMPBELL. Santa Clara Co., Calif.
Second unit of addition to Campbell High School to consist of administration bldg., auditorium bldg. and shop bldg.; fencing, paving, and construction of six tennis courts.

Owner—Campbell Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Contractor—Carl N. Swenson Co., 335 Stockton Ave., San Jose.
Roofing—Hayden Roofing Co., 369 Stockton Ave., San Jose.

Plumbing, Heating and Sheet Metal—A. J. Peters & Son, 455 Washington St., San Jose.

Electric Wiring—Roy M. Butcher, 1020 Sherwood St., San Jose.

Tile Work—Thos. H. Price Co., 90 Vine St., San Jose.

Glass—Habenicht & Howlett, 529 Clay St., San Francisco.

Window Shades—San Jose Awning & Tent Co., 982 The Alameda, San Jose.

Folding Bleachers—Dwan & Co., 126 Post St., San Francisco.

Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos St., San Jose.

Metal Lockers—Trask & Squier Co., 39 Natoma St., San Francisco.

Vault Doors—Herring - Hall - Marvin, 214 California St., S. F.

Window Hardware—MacDonald Hardware Mfg. Co., 963 Harrison St., San Francisco.

Lumber—Smith Lumber Co. 19th Ave. and Estuary, Oakland.

Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Hardware—Marshall - Newell Supply Co., Spear and Mission Sts., San Francisco.

Painting—C. W. Sulberg & Son, 606 Spencer Ave., Santa Rosa.

Lathing and Plastering—Caccamo Bros., 420 Race St., San Jose.

Blackboards—The Gill-Mann General Seating Co., 160 2nd St., S. F.

Stoves—Dohman Hotel Supply Co., 972 Mission St., San Francisco.

Special Fixtures—American Seating Co., 207 Van Ness Ave., South, San Francisco.

Linoleum—Van Fleet-Freear Co., 557 Howard St., San Francisco.

Toilet Partitions—Parker - Carpenter, Inc., 606 Mission St., S. F.
Stairs—DiCristina & Son, 3150 18th St., San Francisco.

CONTRACT AWARDED

CARPINTERIA. Santa Barbara Co., Cal.—Wesco Const. Co., 200 Hyperion Blvd., Los Angeles, awarded contract by the Carpinteria Elementary School District at \$91,000. for construction of two one-story buildings at the Carpinteria elementary school, a FWA project. One of the buildings will be 234x84-ft. in area and will contain 8 classrooms, kindergarten and administration units; the other will be 92x49-ft. in area and will contain cafeteria, assembly hall and library. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles.

15

BIDS WANTED

PETALUMA. Sonoma Co., Calif.—Until June 15, 7:30 P. M., bids will be received by the Petaluma City Elementary School District, Dr. Hall Weston, Secretary, for wiring of the Washington Elementary School and furnishing of light fixtures and for

the installation of a furnace for the Lincoln Primary School.

Specifications obtainable from the City Superintendent of Schools' office at the high school. * 15

LOW BIDDER

LOS ANGELES. Cal.—L. W. Odell, 6417 Drexel Ave., Los Angeles, submitted low bid to Los Angeles Board of Education, at \$26,738, for construction of two 4-unit and one 2-unit bungalows and demolition of the main frame building at the Amelia St. school, 611 Jackson Street. 15

Preparing Plans

SCHOOL. Est. Cost, \$25,000
GONZALES. Monterey Co., Calif.
Frame addition to high school to contain science classroom and girls' locker and shower room. Owner—Gonzales Union High School District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Application has been made for a PWA grant to assist in financing.

Plans Completed

AUDITORIUM & CLASSROOM. Cost, \$50,000

DELANO. Kern Co., Calif.
One-story reinforced concrete auditorium and classroom addition to the Delano Elementary School.

Owner—Delano Elementary School District.

Architect—Franklin and Kump, Jr., Haberfeld Bldg., Bakersfield.

PWA grant will be applied for.

BIDS WANTED

BELL. Los Angeles Co., Calif.—Until June 24, 2 P. M., bids will be received by the Los Angeles Board of Education for completion of new administration unit and classroom addition at the Corona Ave. school, 3825 Bell Ave., Bell. Separate bids will be taken as follows: (1) general work; (2) plumbing; (3) heating; (4) painting; (5) electric wiring. Jones Bros., 9430 Santa Monica Blvd., are the general contractors for the original partial construction. Plans by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

LOW BIDDER

CLAREMONT. Los Angeles Co., Cal.—John H. Simpson, 516 S. Raymond Ave., Pasadena, submitted low bid for construction of a fine arts building in Claremont for Scripps College. Gordon B. Kaufman, architect, 627 S. Cardondell St., Los Angeles. 15

Preliminary Plans Completed

HIGH SCHOOL. Cost, \$170,000
DOS PALOS. Merced Co., Cal.
Architectural reinforced concrete administration building, classroom building, agricultural shop, auditorium, and bus garage.

Owner—Dos Palos Union High Sch. District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

aid in financing construction.

Application filed for PWA grant to

CONTRACT AWARDED

SANTA MARGARITA. San Luis Obispo Co., Cal.—Kyle Roof Service, 1609 Osos St., San Luis Obispo, at \$1,692 awarded contract by the Santa Margarita Elementary School District. David W. Miller, Clerk, for roofing the Santa Margarita Elementary School Building. *

Only other bid submitted by County Roof Service, San Luis Obispo, at \$1,776.

Bond Election

SCHOOL.
GRASS VALLEY. Nevada Co., Calif.
High school building to contain five classrooms and gymnasium; reinforced concrete construction. Owner—Grass Valley Union High School District.

Architect—Harry Devine, Cronan Bldg., Sacramento.

The Grass Valley Union High Sch. District will vote July 1, instead of June 10, as previously planned, on a proposal to issue bonds in the amount of \$125,000, proceeds to finance construction.

June 14, 1938.

Bids Wanted—To Close June 24,
7:45 P. M.

SCHOOL

ALUM ROCK. Santa Clara County, Calif. Palo School.

School building of frame and stucco construction to contain three classrooms, auditorium, cafeteria and toilet room.

Owner—Alum Rock Union School District (Principal, Thos. Ryan).

Architect—Edward W. Kress, First National Bank Bldg., San Jose.

Plans and specifications obtainable from the architect's office upon deposit of \$25.

Completing Plans

ADDITION. Est. Cost, \$10,000
WAUKENA. Tulare Co., Cal.

Concrete and frame school addition to contain two classrooms; composition roof.

Owner—Waukena Elementary School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

To Ask Funds

SCHOOL. Est. Cost, \$60,000
SAN CARLOS. San Mateo Co., Cal.
Elementary school building to contain classrooms and auditorium.

Owner—San Carlos Elementary Sch. District.

Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

The school district recently voted bonds in the amount of \$45,000 to aid in financing construction.

Application will be made shortly for PWA grant.

Bond Election Planned

SCHOOL. Cost, \$.....
BRISBANE. San Mateo Co., Calif.
Two-story grammar school. Owner—Visitation School District. Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

The school district is planning to vote bonds in the near future in the amount of \$75,000, proceeds to aid in financing construction.

CONTRACTS AWARDED

RENO. Nev.—Reno School District No. 10 awarded the following contracts June 7 for work at various schools in Reno: Lohman Bros., 232 S. Spring St., Los Angeles, heating and ventilating at South Side school and south wing of high school, \$29,027; Earl Humes, 124 Washington St., Reno, heating and ventilating North Side high school, \$4310; Reno Plumbing & Heating Co., Reno, heating and ventilation Billingshurst Sch., \$2368; Howell Electric Co., 209 N. Virginia St., Reno, electrical work, 2-472; R. L. Cramer Co., 50 Howard St., San Francisco, acoustical work, \$243.

BIDS WANTED

PORTERVILLE. Tulare Co., Cal.—Until June 24, 8 P. M., bids will be received by the Porterville Union High School District, Irvin H. Alt-house, Clerk, first for construction

of an addition to the field house building located on the present high school site in Porterville, for which Architect W. D. Coates, Jr., Rowell Bldg., Fresno, prepared plans, and second, for installation of a new steel boiler, vacuum pump and oil burning equipment.

Plans and specifications on first division obtainable from the Clerk and Architect upon deposit of \$25; specifications on second division on file with the clerk.

Plans Completed
AGRI. BLDG. Cost, \$20,000
 VISALIA, Tulare Co., Calif.
 Reinforced concrete and steel agricultural building.
 Owner—Visalia Union High School District, Visalia.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans now in Sacramento awaiting approval of State Division of Architecture.

Completing Plans
SCHOOL Cost, \$15,000
 KETTLEMAN CITY, Kings Co., Cal.
 Frame and stucco grammar school building to contain classroom, library and lower rooms; tile roof.
 Owner—Kettleman City Elementary School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Preliminary Plans Completed
SCHOOL Est. Cost, \$210,000
 VISALIA, Tulare Co., Calif.
 Concrete, frame and stucco school building to contain 10 classrooms, library, art room, domestic science room, kitchen, cafeteria, music room, general science room and gymnasium.

Owner—Visalia Elementary School District.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Application filed for PWA grant.

Preliminary Plans Completed
MUSIC BLDG. Est. Cost, \$185,000
 VISALIA, Tulare Co., Cal.
 Addition of music building at Junior College.
 Owner—Visalia Union High School District.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 PWA grant applied for.

BIDS WANTED
RED BLUFF, Tehama Co., Cal.—
 Until June 28, 7:30 P. M., bids will be received by the Red Bluff Union High School District of Tehama Co., Fred H. Weeks, Clerk, for remodeling the music hall, located on high school property, city of Red Bluff.
 Plans and specifications may be obtained at the office of the High School Principal, upon deposit of \$5.

BOND ELECTION PLANNED
OAKDALE Cost, \$280,000
 OAKDALE, Stanislaus Co., Cal. West of Laurel Ave., bet. Magnolia and Poplar Sts.

One-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.
 Owner—Oakdale Elementary School District (Supt., J. J. Berry).
 Architects—Frank V. Mayo and Eric W. Johnson, 931 N. El Dorado St., Stockton.

The school district will vote, the latter part of July, on a proposal to issue bonds in the amount of \$155,000 to aid in financing.
 Application filed for PWA grant.

Preparing Plans
AUDITORIUM Est. Cost, \$15,000
 SAN MARTIN, Santa Clara Co., Cal.
 Addition of auditorium to grammar school.
 Owner—San Martin Union School District.
 Architect—Edward W. Kress, First National Bank Bldg., San Jose.

Bids Wanted—To Close June 24,
 7:45 P. M.
SCHOOL ADDN. Cost, \$.....
 ALUM ROCK, Santa Clara Co., Cal.
 30-acre site at NW corner of White Road and Alum Rock Ave. First unit of addition to Palo school consisting of three classrooms of frame and stucco construction with alternate proposal for additional classroom.

Owner—Alum Rock Union School District (Thos. Ryan, Principal).
 Architect—Edward W. Kress, First National Bank Bldg., San Jose.
 As previously reported, plans and specifications are obtainable from the architect's office upon deposit of \$25.00.

George A. Kelly, 648 Almaden Ave., San Jose, was awarded contract and is now moving existing Palo school building from Capitol and McKee Roads to above location.

The school district voted bonds last year in the amount of \$35,000, proceeds to finance moving of present school building and construction of first unit of addition.

Plans Completed
SCHOOL ADDITION Cost, \$125,000
 TAFT, Kern Co., Calif.
 Reinforced concrete high school and Junior College addition to contain classrooms, dining room and domestic science room.

Owner—Taft Union High School District.
 Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
 Application filed for PWA grant.

Preparing Plans
SCHOOL BLDGS. Est. Cost, \$800,000
 HONOLULU, T. H.
 Six dormitories, infirmary, administration building, classroom building and dining hall.
 Owner—Kamehameha School.
 Architect—C. W. Dickey, 405 SW Damon Bldg., Honolulu.

Plans will be ready for bids in three or four months.
 Hawaiian Contracting Co., Honolulu, at \$281,164 recently awarded contract for shops, road work and four teachers' cottages at Kamehameha School.

Plans Completed
HIGH SCHOOL Est. Cost, \$285,000
 HONOLULU, T. H. Farrington High School.
 First unit of Main Building.
 Owner—Farrington High School District.
 Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.

Bids will be asked shortly.
 Peter Y. T. Chang, Honolulu, at \$44,565, recently awarded contract for Cafeteria Bldg.

CONTRACTS AWARDED
 SAN FRANCISCO—Department of Public Works, Bureau of Building Repair, City Hall, at \$2075 on item (a) Edison School, and at \$1214 on item (c) Hawthorne School, and R. P. Paoli & Co., 2530 Lombard St., at \$6,990 on item (d) Polytechnic High School, and Hary Ankers, 22 Lexington Ave., at \$1950 on item (b) Grattan School, awarded contracts by the Department of Public Works, City Hall, for painting the above schools.

BIDS OPENED
 SAN FRANCISCO—Standard Fence Co., 440 Bayshore Blvd., at \$5,998, submitted low bid to the Dept. of Public Works, City Hall, for furnishing and installing on wood beams approximately 104 ft. of 2-in. No. 9 by 8-ft. chain link fabric galvanized after woven, at Patrick Henry Sch., Vermont St., bet. 18th and 19th Sts.
 Only other bid submitted by Anchor Post Fence Co., at \$6720. * 15

CONTRACTS AWARDED
 SAN FRANCISCO.—J. Harold Johnson, 666 Mission Street, at \$3331 on item (a) Hancock School; Frank J. Reilly Co., 6350 Fulton Street, at \$1671 on item (b) Portola School, and Jacks & Irvine, 620 Market St., at \$1476 on item (c) Fremont School, were awarded contracts by the Department of Public Works, City Hall for laying wood floors and maple thresholds and linoleum in the above schools.

Bond Election
HIGH SCHOOL Est. Cost, \$150,000
 HALF MOON BAY, San Mateo Co., Calif.

One-story frame and reinforced concrete high school.

Owner—Half Moon Bay High School District.
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

The school district will vote June 28 on a proposal to vote bonds in the amount of \$80,000, proceeds to aid in financing construction.

Application will be made shortly for PWA grant.

CORRECTION—BIDS WANTED
 SAN FRANCISCO—Until June 22, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for acoustical treatment in the cafeteria of Balboa Sch., Onandaga St. and Cayuga Ave.; estimated cost, \$2300.

Specifications obtainable from City Architect Chas. J. Sawyer, Room 265, City Hall.

Location of work previously announced in error as Portola Jr. High School. * 15

16—BANKS, STORES AND OFFICES

Low Bidder
STORE BLDG. Cost, \$.....
 REDWOOD CITY, San Mateo Co., Calif. El Camino Real and Lincoln Avenue.

One-story reinforced concrete bldg. (70x90 ft.) to contain two stores.
 Owner—Wm. H. Sadler, 1191 King St., Redwood City.
 Architect—Lazer L. Nusbaum, 9 Geary St., San Francisco.
 Low Bidder—Archde Da Mant, 1056 Highway, Redwood City—\$14,022.

To Be Done By Day's Work.
STORE ADDITION Cost, \$25,000
 SAN FRANCISCO, 1623 Fillmore St. Addition to existing one-story store building.

Owner—E. W. Woolworth Co., Financial Center Bldg., San Francisco.
 Plans by Engr. Dept. of Owner.
 (439) 1st rep. June 3, 1938. * 16

Contract Awarded
ALTERATIONS Cost, \$30,000
 SAN FRANCISCO, Market & Stockton Streets.

Interior alterations on first floor.
 Owner—Roos Bros., Inc., premlises.
 Architect—Albert R. Williams, 251 Post Street.
 Contractor—Mullen Mfg. Co., 64 Rausch St.

Sub-Contracts Awarded
OFFICE BLDG. Cost, \$.....
OAKLAND, Alameda County, Calif.
 Franklin Street.
 One-story reinforced concrete office building to contain ten offices.
Owner—Edward Brown and Son, 1916 Franklin St., Oakland.
Architect—G. E. Ellinger, 1801 Castlerline Road, Oakland.
Contractor—Mark Bristol, 1038 McKinley Ave., Oakland.
Roofing—Guy Tyler, 4059 San Pablo Ave., Emeryville.
Plumbing—J. R. Pierce Plumbing Co., 1844 73rd Ave.
Electric Wiring—Kern and Clifford, 4010 Foothill Blvd.
Heating—Max Finzel Plbg. Co., 2025 Hopkins Street.
Tile Work and Linoleum—Superior Tile Co., 3743 Broadway.
Glass—W. P. Fuller & Co., 259 Tenh Street.
Iron Grille Work—Enaci Artistic Metal Works, 976 23rd Avenue.
Grading—Ariss-Knapp Co., 961 41st Street.
Lumber—E. K. Wood Lumber Co., Frederick and King Streets.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Streets.
Hardware—Maxwell Hardware Co., 1320 Washington Street.
 All of Oakland unless otherwise noted.

CONTRACT AWARDED

VERNON, Los Angeles Co., Cal.—Clark Fallas, 5131 Clinton St., Los Angeles, awarded contract for construction of a two-story steel frame office building, 70 x 70 feet in area, a one-story shop building, 50 x 125 ft. in area, and a loading dock, 50 x 140 ft. in area, at 2901 Santa Fe Ave., Vernon, for Cantlay & Tanzola. Cost, \$50,000. Hugo Eckart, structural engineer, 1013 E. 8th St. 16

To Be Done By Day's Work

STORE BLDG. Est. Cost, \$6000
MORGAN HILL, Santa Clara Co. Cal.
 One-story frame building (40x50-ft.) to contain three stores (composition roof).
Owner—R. H. Hencken, Dunne Ave., Morgan Hill.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Contract Awarded

RESTAURANT Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 One-story and mezzanine frame restaurant building, to be known as the Crillo Specialty Kitchen.
Owner—Louis Crillo.
Architect—Douglas Dacre Stone, 381 Bush St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Sub-Contracts Awarded

STORE BLDG. Cont. Pr., \$12,600
WALNUT CREEK, Contra Costa Co.
 Construction of new store building.
Architect—George T. deColmesing, 14 Canyon Road, Fairfax.
Contractor—N. F. Nicolsen, Route 1, Sausalito.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Plumbing—W. E. Mauzy & Son, 1441 Main St., Walnut Creek.
Electric Wiring—Scott-Buttner Elec. Co., 2214 Webster St., Oakland.
Sheet Metal—Martinez Sheet Metal Works, 908 Perry St., Martinez.
Glass and Glazing—W. F. Fuller & Co., 301 Mission St., San Francisco.
Steel Sash—Ceco Steel Prod. Corp., 1250 Indiana St., San Francisco.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Ceramic Tile—Gladding, McBean and

Co., Harrison and 9th Sts., San Francisco.
Misc. Iron—Fair Mfg. Co., 617 Bryant St., San Francisco.
Lumber—Smith Lumber Co., Fourth and Channel Sts., San Francisco.
Mill Work—Harder's Planing Mill, 2545 Oakland St., San Francisco.
Lathing and Plastering—F. M. Clausen, 3124 Chestnut St., Oakland.

PLANS BEING FIGURED

LONG BEACH, Cal.—Until June 21 Montgomery, Ward & Co., Chicago, will take bids for remodeling a 1-story building, 75x150 ft. in area, at 113-23 E. Broadway, Long Beach, for the company. Work will include the installation of partitions and improvements to the interior and exterior. Est. cost, \$30,000. 16

Additional Sub-Contracts Awarded ALTERATIONS Cost, \$80,000
SAN FRANCISCO, 433 California St.
 Alterations to office building.
Owner—Fireman's Fund Ins. Co., 401 California Street.

Engineer—L. S. Rosener, 233 Sansome St.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St.
Electric Wiring—Alta Electric & Mechanical Co., Inc., 467 O'Farrell.
Sanacoustic Units—Western Asbestos Co., 675 Townsend St.

Sub-contracts previously awarded published May 11.

Contract Awarded

STORE BLDG. Cost, \$.....
SAN FRANCISCO, 22nd Ave. and Taraval St.
 One-story frame and stucco store building.
Owner—G. Vaccini, 110 Sutter St.
Architect—Albert Burgren, 110 Sutter St.
Contractor—Ed. Zinkand & Sons, 667 36th Ave., San Francisco.

Sub Contracts Awarded

ALTERATIONS Cost, \$7,500
SAN FRANCISCO, 600 Stockton St.
Owner—Metropolitan Life Ins. Co., 600 Stockton St.
Architect—Not Given.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St.
Plastering—W. G. & A. Gilmour, 666 Mission St.
Electric Wiring—Radelfinger Bros., 544 Natoma St.
Plumbing—W. J. Forster Sons, Ltd., 355 4th St.
Tile Work—The American Art Tile Co., 231 Franklin St.
Dishwashing Tables—Dohrmann Hotel Supply Co., 301 Butler Bldg.
Pneumatic Tube—F. A. Ficke, 253 9th Ave.
Painting—L. P. Larsen Co., 1366 Sutter St.
Kalamine Doors—Forderer Cornice Works, 269 Potrero Ave. 16

Sub-Contracts Awarded

OFFICE BLDG. Cot, \$25,800
SAN JOSE, Santa Clara Co., Calif.
 North Second Street.
 Construction of new office building.
Owner—Santa Clara County Fire Insurance Co., San Jose
Architect—Not Given.
Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.
Roofing—Hayden Roofing Co., 369 Stockton Avenue.
Plumbing—Wm. F. Serpa, 497 North 13th Street.
Electric Wiring—Roy M. Butcher, 1020 Sherwood Street.
Heating and Sheet Metal—A. J. Peters & Son, 455 Washington St.
Tile Work—Malvini Tile Co., 1390 Everett Street.

Glass—Cobbledick - Kibbe Glass Co., 236 W. Santa Clara St.
Iron Grille Work—Heliwig Iron W'ks 407 Vine Street.
Lumber—Cheim Lumber Co., 1400, The Alameda.
Mill Work—Pacific Mfg. Co., Santa Clara.
Linoleum—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.
 All of San Jose unless otherwise noted. 16

Contracts Awarded

ALTERATIONS Cost, \$.....
SAN FRANCISCO, Grant Avenue at Geary St.
 Alterations to third floor of building.
Owner—Livingston Brothers, Inc.
Architect—Albert R. Williams, 251 Post St.
Contractor—Ostlund & Johnson, 1901 Bryant St., San Francisco.

17— THEATRES

Sub-Contracts Awarded ALTERATIONS Cost, \$7,000
OAKLAND, Alameda County, Calif.
 5812 San Pablo Avenue.
 Alterations to building.
Owner—Golden State Theater Co., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Contractor—Alf J. Hopper, 243 Langton St., San Francisco.
Roofing—Western Roofing Co., Inc., 1259 22nd Street.
Plumbing—Walter Grey, 3710 E 14th Street.
Electric Wiring—Matson Elec. Equip. Co., 4115 Broadway.
Heating—Aladdin Heating Corp., 5107 Broadway.
Sheet Metal—L. F. Whitharm, 656 28th Street.
Tile Work—Donlon-Frattessa, Ltd., 24 12th St., San Francisco.
Iron Grille Work—C. Fraunerder Ornamental Iron Co., 335 8th St.
Lumber—E. K. Wood Lumber Co., Frederick and King Streets.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Streets.
Hardware—Marshall - Newell Supply Co., Spear and Mission Sts., San Francisco.
Painting—Robt. E. Powers Studios, 1717 Cordova St., Los Angeles.
Lathing and Plastering—Hix Anderson, 329 6th St., Richmond.
 All of Oakland unless otherwise noted.

Planned THEATRE Cost, \$60,000
BOOMTOWN, Shasta Co., Cal., ten miles north of Redding.
 Theater to seat approximately 1,000 persons; air conditioned.
Owner—T. & D. Jr. Enterprises, Inc. (Fred Naify and J. Oscar Goldstein).
Architect—Not Given.
 Construction will start within 90 days. 17

Low Bidder
REMODEL THEATER Cost, \$.....
MARTINEZ, Contra Costa Co., Calif.
 Remodel Avalon Theater (work includes new lobby, foyer, marquee, toilets and restrooms, and remodeling of balcony).
Owner—T. & D. Jr. Enterprises, Inc. 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 64 Pine St., San Francisco.
Low Bidder—Frederic M. Salih, 25 Taylor St., San Francisco.

Preparing Plans
THEATER Est. Cost, \$60,000
HONOLULU, T. H. University Ave.

Theater building to be known as the Moillhill Theatre.
 Owner—Consolidated Amusement Co.
 Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu, T. H.

Additional Sub Contracts Awarded
REMODEL THEATER Cost, \$.....
SAN FRANCISCO. 3297 Sacramento Street.

Remodel present Plaza Theater.
 Owner—Blumenthal Theatres, Inc., 25 Taylor St.

Supt. of Constr.—W. B. David.
 Contractor—Moore & Roberts, 693 Mission St.

Roofing—The Alta Roofing Co., 976 Indiana St., San Francisco.
 Glass—Center Hardware & Glass Co., 600 4th St., San Francisco.
 Plastering—Fatta & Rinaldi, 2247 Filbert St., Oakland.

Sub contracts previously awarded published June 1.

where in channels between Colinsville or Antloch and the S. P. R. R. bridge near Martinez. * 19

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for emergency repairs involving welding to floating plants located in the San Francisco Bay Area for use of the U. S. Department along the San Francisco waterfront and land plant and structures located at Battery Davis, Fort Funston; and (2) land plant and structures located at Battery Townsley, Fort Cronkhite, Marin County.

Bids were:
 Brown Bros. Welding Co., S. F., (1) \$3,531.25; (2) \$5,816.25.
 Cassidy & Gratta, S. F., (1) \$1,939; (2) \$3,107.75.
 East Bay Welders, Oakland, (1) \$2,471.75; (2) \$3,703.
 Jack Soberanes, San Rafael, (1) \$1,852.50; (2) \$2,387.50.
 General Welding Co., S. F., (1) \$2-462.50; (2) \$3,112.50.
 W. L. Groves, Alameda, (2) \$2,061-75. * 19

Funds Asked
STORAGE TANK Cost, \$97,900
FRESNO. Cal. Pearl St. at M St. Installation of 100,000-gallon water storage tank of steel or concrete, or combination steel & concrete construction.

Owner—Fresno Water Department.
 Application filed for federal grant of \$4,055. * 19

BIDS WANTED

LOS ANGELES, Cal.—Until June 29, 10 a.m., bids will be received by Los Angeles Harbor Commission for Diesel engine propelled observation boat, Spec. 974. Bids will be received on:

- A—
 (1) furnish and deliver to Berth 161 Diesel engine propelled vessel, propelled by two Diesel engines not less than 230 hp. each; engines to be furnished by builder, provide speed not less than 15½ knots per hour;
 (2) same as above, engines furnished by L. A. Harbor Dept., builder to bear installation costs.
 Items 1 and 2 are alternative.

- B—
 (3) same as Item (1) except engines to be 150 hp.
 (4) same as Item (2), except engines to be 150 hp.
 Items 3 and 4 are alternative. * 19

CONTRACT AWARDED

WASHINGTON, D. C.—Lockheed Aircraft Corp., Burbank, Calif., at \$570,913.50, awarded contract by the Secretary of War for thirteen Lockheed model 12-A2 basic training and command airplanes. * 19

CONTRACT AWARDED

WHITMAN Co., Wash.—Fritz Ziebarth, 808 Security Building, Long Beach, Cal., at \$146,250, awarded contract by the Inland Empire Rural Electrification, Inc., at Ziegler Bldg., Spokane, for the construction of 178 miles electric lines in Spokane, Whitman, Adams and Franklin Counties. * 19

LOW BIDDER

COLUMBIA COUNTY, Ore.—Odum Construction Co., Oregon City, Ore., at \$65,970.00 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 928-38-566, for construction of five pumping plants complete and ready for operation, all

situated in Columbia County, within a radius of six miles from the City of Clatskanie, Oregon.

Complete bids will be published shortly. * 19

BIDS OPENED

SACRAMENTO, Cal.—Pacific Dry Dock & Repair Co., foot of 14th St., Oakland, at \$2,680 submitted low bid to U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-250, for crydocking, painting and repairing the U. S. Engineer Department oil barge "E".

- Work involves:
 (1) 1 job crydocking, cleaning and painting;
 (2) 1 job tank cleaning;
 (3) 1 job gaskets for hatch covers;
 (4) 1 job safety rail;
 (5) 30 each drilling test holes;
 (6) 1 job reinforcing plates on hull;
 (7) 50 rivet renewal;
 (8) 1 job tow bits;
 (9) 1 job iron bark chafing strip;
 (10) 1 job eye pads and deck reinf. plates.

Total bids follow:
 (A) Pacific Dry Dock & Repair Co., foot of 14th St., Oakland, \$2,680.
 (B) General Engr. & Dry Dock Co., Oakland, \$4,061.50.
 (C) Moore Dry Dock Co., Oakland, \$4,080.00.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$170.00	\$242.50	\$400.00
(2).....	475.00	527.00	367.00
(3).....	170.00	276.00	272.00
(4).....	288.00	322.00	390.00
(5).....	39.00	105.00	150.00
(6).....	642.00	1410.00	1266.00
(7).....	100.00	125.00	125.00
(8).....	378.00	536.00	665.00
(9).....	139.00	243.00	160.00
(10).....	279.00	275.00	285.00

BIDS OPENED

SAN FRANCISCO.—Cookson & Co. 964 Harrison St., at \$11,371 submitted low bid to the State Board of Harbor Commissioners for 34 steel rolling doors; Otis Elevator Co., 1 Beach St., at \$14,408 submitted low bid for freight elevator, and Fair Mfg. Co., 617 Bryant St., at \$1,492 submitted low bid for two track aprons to be installed at the Products Terminal Bldg., Berry St. bet. Third St. and the Embarcadero.

Complete bids were:

	Steel Rolling Doors	Elevator
Cookson & Company.....	\$11,371	
Kinnear Mfg. Co.....	15,990	
J. G. Wilson Corp.....	16,850	
Cornell Iron Works, Inc.....	17,400	
R. C. Mahon.....	17,937	
Otis Elevator Co.....		\$14,408
S. F. Elevator Co., Inc.....		14,600
Westinghouse Elec. Elev. Co.....		16,200
Fair Mfg. Co.....	\$1,492	
Herrick Iron Works.....	1,720	
Schrader Iron Works.....	2,395	

BIDS WANTED

SAN FRANCISCO.—Until June 22, 3 p.m. (date postponed from June 15), bids will be received by the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-172, for constructing and delivering afloat 2 500-c.y. welded steel dump scows at San Francisco Waterfront. Plans and specifications may be obtained from the above office. * 19

BIDS OPENED

LOS ANGELES, Cal.—Steel Const. Co., 240 Montgomery St., San Francisco, submitted low bids to the Los Angeles Water & Power Purchasing Agent June 8 for approximately 126

19—MISC. CONSTRUCTION

LOW BIDDER

YERBA BUENA SHOALS.—Jas. A. Nelson, Inc., 1375 Howard Street, San Francisco, at \$5,145, submitted low bid to the San Francisco Bay Exposition Co., 535 Bush St., San Francisco, under Contract No. 189, for circulating equipment for Lagoons. * 19

BIDS REJECTED

LOS ANGELES, Cal.—Los Angeles Water & Power Purchasing Agt. rejected all bids under Specification 2622 for approximately 220 tons of heavy steel for Distributing Station No. 8 to be built at 4858 San Vicente Blvd. Steel Construction Co., 240 Montgomery St., San Francisco, submitted the low bid. * 19

SAN FRANCISCO.—Smith Bros. Truck Co., Los Angeles, at (1) \$500, (2) \$600, 2½ 10 days, submitted low bid to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1239, for removing Caterpillar "50" from Fern Canyon Dam, Los Angeles County, onto road and transporting to Forest Service Shops, Glendale, Cal.

- Bids taken on:
 (1) lifting tractor to road;
 (2) lifting tractor to road and transporting to Glendale Shop.
 Belyea Truck Co., Los Angeles, at (1) \$525, (2) \$675, net, submitted only other bid. * 19

BIDS WANTED

SACRAMENTO, Calif.—Until June 28, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-313, for the transportation of fuel oil from marine filling station of oil supplier, located on Carquinez Straits or Suisun Bay, between Oleum and Antioch, to and within bunkers on board Government dredge at the following points:

- (a) 7,000 bbls., Sacramento and vicinity, i.e., anywhere in Sacramento River, between Freeport Bridge and I Street Bridge at Sacramento;
 (b) 8,000 bbls., Stockton and vicinity, i.e., anywhere in the deep water channel between Criminal Point and Stockton;
 (c) 12,000 bbls., Rio Vista and vicinity, i.e., anywhere in channels between the mouth of Steamboat Slough and Collinsville or between Criminal Point and Antioch;
 (d) 3,000 bbls., Suisun Bay, i.e., any-

tions of heavy steel for Distributing Station No. 8 to be built at 4855 San Vicente Blvd. Spec. 2622.

The bids were:
Steel Const. Co. (1) furnishing and delivering, \$19,078; (2) furnishing, delivering and erecting, \$23,711; net.

Bethlehem Steel Co., (1) \$20,000; (2) \$24,000; net.

Western Pipe & Steel Co., (1) \$22,860; (2) \$27,630; net.

Minnesota-Moline Power Implement Co., (1) \$23,474; (2) \$27,774; net.

Pacific Iron & Steel Co., (1) \$23,338; (2) \$27,928; net.

Apex Steel Corp., (1) \$24,129; (2) \$28,529; net.

Kyle Steel Const. Co., (1) \$23,950; (2) \$28,125; 1/2 20 days.

Western Iron & Metal Co., (1) \$24,290; (2) \$31,490; net. 19

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Following submitted bids to Berkeley City Council (Florence Turner, City Clerk), for furnishing traffic lacquer.

Bids were taken on:

- (1) 750 gallons more or less white;
- (2) 100 gallons more or less red;
- (3) 1000 gallons more or less yellow;
- (4) 25 gallons more or less black;
- (5) 200 gallons denatured alcohol;
- (6) 60 gallons lacquer thinner.

Bids were:

Sherwin-Williams Co., (1) \$1.46, (2) \$1.88, (3) \$1.53, (4) \$1.29, (5) \$0.42, (6) \$0.65.

E. J. DuPont & Co., Inc., (1) \$1.16, (2) \$2.99, (3) \$1.24, (4) \$1.01, (5) no bid, (6) \$0.6875.

Dan P. Maher Paint Co., (1) \$1.13, (2) \$1.75, (3) \$1.38, (4) \$1.13, (5) \$0.51, (6) \$0.59.

M. Friedman Paint Co., Inc., (1) \$1.47, (2) \$2.00, (3) \$1.52, (4) \$1.33, (5) \$0.50, (6) \$0.65.

W. P. Fuller & Co., (1) \$1.175, (2) \$1.71, (3) \$1.26, (4) \$1.14, (5) \$0.38, (6) \$0.49.

Lewis Deck Hardware Co., (1) \$1.14, (2) \$2.10, (3) \$1.62, (4) \$1.32, (5) \$0.48, (6) \$0.65.

General Paint Corp., (1) \$1.46, (2) \$2.13, (3) \$1.61, (4) \$1.11, (5) \$0.62, (6) \$0.78.

Erwin Paint Co., (1) \$1.85, (2) \$3.40, (3) \$2.01, (4) \$2.01, (5) \$0.57, (6) \$0.57.

National Lead Co., (1) \$1.27, (2) \$2.10, (3) \$1.45, (4) \$1.19, (5) \$0.51, (6) \$0.79.

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-181, for furnishing and delivering manila rope of various sizes.

Bids were:

Havaside Company, \$0.155.

Marshall-Newell Supply Co. \$0.155.

E. E. Newhall Co., Inc. \$0.168.

John H. Davis Co., \$0.1323.

Dunham, Carrigan & Hayden, \$0.155.

Tubbs Cordage Co., \$0.1575.

(Figures quoted are base prices per lb. for 1-inch rope). * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-187, for furnishing redwood lumber.

Bids were:

Rolando Lumber Co., \$248; 2% 30 da.

Loop Lumber Co., \$238.50; 2% 30 da.

Holmes-Eureka Lumber Co., \$273.06;

2% 10 days.

Smith Lumber Co., \$246.66; 2% 10 da

* 20

CONTRACT AWARDED

SAN FRANCISCO.—C. F. Bulotti Machinery Co., 829 Folsom St., San Francisco, at (1) \$279.70, and (2) \$125 dozen, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-38-185, for (1) electric saw and (2) blades. * 20

BIDS OPENED

WASHINGTON, D. C.—Following submitted bids to the Procurement Division, Branch of Supply, 7th and D Streets, Washington, D. C., for furnishing approximately 8,000,000 bbls. cement.

Bids were:

Superior Portland Cement, Inc., Seattle, Wash.—Sch. 1 f.o.b. cars or truck at point of production (full quantity 2,000,000 bbls. From Concrete, Wash., 900,000 bbls. at \$1,415, total \$1,273,500; from Seattle, Wash., 300,000 bbls. at \$1,415, total \$424,500. Daily delivery from Concrete 6,750 bbls. Monthly delivery 100,000 bbls. Daily delivery from Seattle, 2,250 bbls. Monthly deliv., 50,000 bbls. Sch. 2 (full amount 5,800,000 bbls.). From Concrete, 2,400,000 bbls. at \$1,415, total \$3,396,000; from Seattle, 800,000 bbls. at \$1,415, total \$1,132,000. Rail connection, G. N. N.P.; C.M.; S.&D.&P.; U.P. Discount 2% 10 da.

Oregon Portland Cement Co., Portland, Ore.—Sch. 1 f.o.b. cars or trucks at point of production. Lime Ore, 150,000 bbls. at \$1.20, total \$180,000. Daily delivery 1,125,000 bbls. Monthly delivery 30,000 bbls. Sch. 2: Lime, Ore, 300,000 bbls. at \$1.20, total \$360,000. Daily delivery 800 bbls. Monthly delivery 21,000 bbls. Rail connection: Union Pacific. No discount.

Spokane Portland Cement Co., Spokane, Wash.—Sch. 1 f.o.b. cars or trucks at point of production, Irwin, Wash., 250,000 bbls. at \$1.70, total \$425,000. Storage, f.o.b. cars or truck. Daily delivery 2,000 bbls. Monthly, 50,000 bbls. Sch. 2, Irwin, Wash., at point of production or storage: 725,000 bbls. at \$1.76, total \$1,282,500. Daily delivery 2000 bbls. Monthly, 50,000 bbls. Rail connection: N. P. Railway. Disc. 10c bbl. 15 days.

Northwestern Portland Cement Co., Seattle, Wash.—Sch. 1, point of production or storage, Grotto, Wash., 200,000 bbls. at \$1.485, total \$297,000. Daily delivery 1250 bbls. Monthly, 30,000 bbls. Sch. 2: 580,000 bbls. at \$1.485, total \$861,300. Daily delivery 1250 bbls. Monthly, \$1,000 bbls. Rail connection: Great Northern R. R. Disc. 10c per bbl. 15 days.

Lehigh Portland Cement Co., Allentown, Pa.—Sch. 1, f.o.b. cars or trucks at point of production. From Metairie Falls, Wash., f.o.b. cars, 250,000 bbls. at \$1.43, total \$357,500. From Metairie Falls, f.o.b. truck, 250,000 bbls. at \$1.55, total \$387,500. Daily delivery, Metairie Falls, Wn., 2500 bbls; monthly, 40,000 bbls. Sch. 2, from Metairie Falls, f.o.b. cars, 600,000 bbls. at \$1.43, total \$1,144,000; from Metairie Falls, f.o.b. trucks, 1,240,000 bbls. at \$1.55, total \$1,240,000. Daily delivery 2500 bbls; monthly, 40,000 bbls. Rail connection: C.M.St. P.&P.R.R. Discount 10c per bbl. 15 days.

Santa Cruz Portland Cement Co., San Francisco, Cal.—Sch. 1, f.o.b. cars at point of storage, Portland, Ore., 300,000 bbls. at \$1.50, total \$450,000. Point of production, Davenport, Cal. Sch. 2, no bid. Rail connection,

Davenport, Calif., Southern Pacific; Portland, Ore., Union Pacific. No discount.

Beaver Portland Cement Co., Portland, Ore.—Sch. 1, f.o.b. cars at point of production, Gold Hill, Ore., 135,000 bbls. at \$1.50, total \$202,500. Daily delivery, 15,000 bbls. Monthly, 135,000 bbls. Rail connection: Southern Pacific Railway. No discount. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 70,000 bbls. portland cement, Inv. 600, were opened by U. S. Engineer, Los Angeles. The items were:

- (1) 15,000 bbls. for 1st Field Area;
- (2) 30,000 bbls. for 2nd Field Area;
- (3) 25,000 bbls. for 3rd Field Area.

The bids were:

Riverside Cement Co. (1) \$1.75 bbl, \$26,250 total; (2) \$1.75 bbl, \$52,500 total; (3) \$1.75 bbl, \$43,750 total; grand total, \$122,500; fob cars Crestmore.

Graham Bros. (1) \$2 bbl, \$30,000 total; delivered.

Southwestern Portland Cement Co., (1) \$2 bbl, \$30,000 total; (2) \$2 bbl, \$60,000 total; (3) \$2 bbl, \$50,000 total; \$140,000 grand total; delivered. (4) California Portland Cement Co.; (3) \$1.70 bbl, \$42,500 total; fob cars Colton. 20

BIDS OPENED

BERKELEY, Calif.—Transit Concrete, Ltd., Oakland, and Charles S. Hughes Co., Oakland, and Contra Costa Building Materials Co., Oakland, at (1) \$1.53; (2) \$1.62 and (3) \$1.99 per ton, submitted identical bids to the Berkeley City Council, Florence Turner, City Clerk, for furnishing 1200 tons of sand; delivered; (4) California Portland Cement Co.; (3) dumped on city streets from city trucks; (5) dumped on city streets from bidders' trucks.

Antioch Asphalt Sand Co., at (1) \$0.92 submitted only other bid. 20

BIDS WANTED

YAKIMA PROJECT, Wash.—Until June 28, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1088-D, for furnishing and delivering structural steel for three bridges on the Yakima Ridge Canal, Roza division, Yakima project; job shipping point and/or Terrace Hgts., Wash. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75, net returnable. 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2025, for furnishing lumber for the school department.

Bids taken on: (1) softwood; (2) hardwood; (3) special classes.

Bids were:

Jones Hardwood Co., (1) \$2,98.50 2% 10 days; (2) 1,899.50, 2% 10 days; (3) \$619.50, 2% 10 days.

E. D. Swift Co., (1) \$1,799, 2% 10th prox.

Dwight Bros., (2) 1,833.49, 2% thirty days; (3) \$540.23, 2% 30 days.

Smith Lumber Co., (1) \$2,076.33, 2% 10th prox.

Davis Hardwood Co., (2) \$1,837, 2% 10 days.

Van Arsdale-Harris Lumber Co., Inc. (1) \$1,812, 2% 30 days.

Sugar Pine Lumber Co., (1) \$1,976.76, 2% 30 days; (2) \$476.81, 2% 30.

Porsythe Hardwood Co., (2) \$1,790, 2% 10th prox.

E. A. Howard & Co., (1) \$1,819.56, 2% 10th prox.; (2) \$1,961; (3) \$613.44,

2% 10th prox.; Comb. bid on 1 ana 2 : \$4393.70, 2% 10th prox. 70

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-176, for furnishing and delivering approximately 23,000 c.y. ready mixed concrete, for use in the construction of Seacoast Defenses at Fort Cronk-hite, Marin County; and 9,000 c.y. ready-mixed concrete at Fort Funston, San Francisco.

Bids taken on:
 LOT NO. 1: Ready mix concrete, Fort Cronk-hite—

- (1) 18,400 c.y. Class A;
- (2) 5,100 c.y. Class B;
- LOT NO. 2: Ready-mix concrete, Ft. Funston—

- (3) 4,500 c.y. Class A;
- (4) 3,800 c.y. Class B;
- COMBINATION LOTS 1 and 2—
- (5) 18,400 c.y. Class A, Fort Cronk-hite;

- (6) 5,100 c.y. Class B, Fort Cronk-hite;
- (7) 4,500 c.y. Class A, Fort Funston;
- (8) 3,800 c.y. Class B, Fort Funston.

Bids were:
 Bode Gravel Co., San Francisco, (3) \$614, (4) \$5.70; total \$49,290; net. Eaton & Smith, San Francisco, (1) \$7.12, (2) \$6.72; total \$165,280; net.

Consumers Rock & Cement Co., San Francisco, (1) \$7.675, (2) \$7.24; total \$178,144; (3) \$6.82, (4) \$6.40; total \$55,010.
 Ready-mix Concrete Co., Ltd., San Francisco, (3) \$7.75, (4) \$7.25; total \$62,425; 2% 30 days.

McPhail Fuel Co., San Rafael, (1) \$6.94, (2) \$6.44; total \$160,540; net. 20

CONTRACT AWARDED

DENVER, Colo.—Colorado Fuel & Iron Co., Denver, Colo., at \$24,560, awarded contract by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom Hse., Denver, under Bid No. 21,080-A, for furnishing 800,000 lbs. deformed intermediate grade billet steel reinforcing bars; for Payette Division. 20

BIDS OPENED

LOS ANGELES.—Following submitted bids to the U. S. Engineer Office, Los Angeles, under Bid No. 575, for 50,000 cu. yds. coarse aggregate and 30,000 cu. yds. sand, furnished and delivered into government batching plant or stockpiles located within one mile of 2572 E. 27th St., Los Angeles.

- Items are:
- (1) 27,500 c.y. coarse aggregate, 1½-in. to ¾-in. size;
- (2) 22,500 c.y. coarse aggregate, 1-in. to No. 4 mesh size;
- (3) 30,000 c.y. sand.

Bids were:
 Clare Schweitzer, (3) \$1.42 yd.; total \$42,600; disc. 2% 10 days.
 Consolidated Rock Products, (1), (2) and (3), \$1.78 yd.; total \$142,400; disc. \$0.20 yd. 25th prox.

Blue Diamond Corp., Owl Truck & Mats. Co. Pac. Rock & Gravel and Manning Bros. Rock & Sand Co., (1), (2) and (3), \$1.74 yd.; total \$139,200; disc. \$0.32 yd. 20 days. 20

BIDS WANTED

MERCED, Calif.—Until June 20, 8 p.m., bids will be received by the Merced City Council, W. T. Clough, City Clerk, City Hall, Merced, for furnishing supplies, as follows:

- (1) one 770 lb. of class 150, 4-inch diam. bell and spigot cast iron water pipe;

- (2) four 4-in. x 4-in. cast iron, all bell, crosses, class B;
- (3) seven 4x4x4-in. all bell, cast iron tees, class B;
- (4) two 4-in. one-eighth bends, class B;
- (5) two 4x6-in. cast iron bell and spigot reducer, class B;
- (6) nine 4-in. cast iron plugs, threaded for 1-in. standard wrought pipe;
- (7) five 4-in. cast iron plugs threaded for 1½-in. standard wrought pipe;
- (8) one 4-in. cast iron plug threaded for 1½-in. standard wrought pipe.

F.o.b. Merced, Cal.
 Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

SAN FRANCISCO—American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$0.485 per foot, was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2018, for furnishing 5,000 ft. 4-in. cast iron pipe. * 20

BIDS OPENED

SAN FRANCISCO—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2028, for furnishing (1) 1,000 ¾-inch; (2) 100 1-inch; (3) 50 1½-inch; (4) 75 2-inch water meters for San Francisco Water Dept.

Bids were:
 National Meter Co., San Francisco, (1) \$9; (2) \$19.80; (3) \$36; (4) \$54; \$1.00 trade in; 2% 10 days; 45 days delivery.

Badger Meter Mfg. Co., (1) \$7.50; (2) \$17.82; (3) \$35.60; (4) \$54; \$1.50 trade-in; 2% 10 days; 30 days del.
 Hersey Mfg. Co., San Francisco, (1) \$10; (2) \$22; (3) \$40; (4) \$60; \$7.57 trade-in; 2% 30 days; 54 days del.

Neptune Meter Co., San Francisco, (1) \$7.20; (2) \$15.84; (3) \$28.80; (4) \$43.20; \$10.85 total trade-in; 2% 30 days; 40 days del.

Pittsburgh Equitable Meter Co., S. F., (1) \$10; (2) \$22; (3) \$40; (4) \$60; \$1.00 trade-in; 2% 30 days; 30 day delivery.

Northington Pump & Mch'y. Corp., San Francisco, (1) \$9; (2) \$19.80; (3) \$36; (4) \$54; no allowance; 2% 30 days. 20

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-177, for furnishing (1) oxygen, per cu. ft. (2) acetylene, per cu. ft.; (3) hydrogen, per cu. ft.; fob (a) Fort Cronk-hite; (b) San Francisco.

Bids were:
 Golden Gate Gas Sales, (1a) \$0.16; (2a) \$0.0291; (3a) \$0.0194.

Air Reduction Sales Co., (1a) \$0.16; (1b) \$0.11; (2a) \$0.291; (2b) \$0.023; (3a) \$0.0194; (3b) \$0.0144.
 Stuart Oxygen Co., (1a) \$0.175; (1b) \$0.130; (2a) \$0.310; (2b) \$0.255; (3a) \$0.220; (3b) \$0.175.

Linde Air Products Co., (1a) \$0.17; (1) \$0.14; (2a) \$0.306; (2b) \$0.27. 20

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-189, for furnishing Douglas fir lumber for Minary Island.

Bids were:
 Geo. E. Miller Lumber Co., \$1,539.66; 2% 20 days; fob Lebanon, Oregon.
 Rolando Lumber Co., \$2,401.11; 2% 30 days; fob San Francisco.

Smith Lumber Co., \$2,325.30, 2% 10 days; fob San Francisco.

Cascade Cargo Sales Corp., \$1,358.46; 2% 10 days; fob Eugene, Ore.
 Loop Lumber Co., \$2,295.40, 2% 30 days; fob San Francisco.

Carlin Davis Lumber Co., \$1,542.17, 2% 10 days; 1½% 20 days; 1% 20 days; fob Pierceborough, Oregon.
 Sullivan Lumber Co., \$1,653.30; 2% 10 days; fob Wendling, Oregon. 20

BIDS OPENED

OAKLAND, Cal.—General Electric Supply Corp. and Graybar Electric Company at (1) \$0.1245; (2) \$0.096; (3) \$0.088; (4) \$0.069; (5) \$0.107; (6) \$0.105; (7) \$0.425; (8) \$1.149, submitted identical bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing fiber conduit for the Electrical Department.

- Bids were taken on:
- (1) 7,200 ft. 2½-inch;
 - (2) 15,000 ft. 1½-inch;
 - (3) 20 rough couplings for 2½-inch;
 - (4) 40 rough couplings for 1-inch;
 - (5) 10 fiber plugs for 2½-inch;
 - (6) 10 fiber plugs for 1½-inch;
 - (7) 25 bells;
 - (8) 136 fiber cord bends. 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 39,500 tons coarse aggregate and sand, Invit. 593, opened by U. S. Engineer, Los Angeles, were:

Piru Rock Co., disc. \$20 ton 25th prox., \$92 ton, \$36,340 total; fob cars Piru; freight \$55 ton.

Consolidated Rock Prod., disc. \$20 ton 25th prox., \$103 ton, \$40,685 total; ship from Preston. 20

BIDS OPENED

OAKLAND, Cal.—L. M. Clough Co., 996 66th Ave., Oakland, at \$1,037 per ton, submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 20,000 tons of crusher run rock.

Total bids follow:
 L. M. Clough, 996 66th Ave., Oakland—\$1,037 per ton.

Daniel Contracting Co., San Francisco—\$1.09.

Hutchinson Co., Oakland—\$1.21.
 Lee J. Inmel, Berkeley—\$1.28. 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 66242, Req. No. 29016, for furnishing lumber; f.o.b. Oakland.

Bids were:
 Reuser Lumber Co., \$1301.97; 2% 30 days.

Chapman Lumber Co., S. F., \$1320.17; 2% 30 days.

Eureka Mill & Lumber Co., \$1334.99, 2% 30 days.

Loop Lumber Co., S. F., \$1239.49; 2% 30 days.

Stapleton Lumber Co., S. F., \$1,276.59; 2% 10 days.

E. K. Wood Lumber Co., Oakland, \$1,276.37; 2% 30 days.

James L. Hall, S. F., \$1203.40; 2% 20 days.

Tilden Lumber Co., Oakland, \$1,216.95; 2% 30 days.

Builder's Emporium, \$1,255.96; net.
 Hogen Lumber Co., \$1,265.71; 2% 30 days. 20

AWARD RECOMMENDED

LOS ANGELES, Cal.—Bethlehem Steel Co., at \$69.13, was recommended for award of contract by U. S. Indian Irrigation Service, Los Angeles, for 3,337,000 lbs. reinforced steel bars f.o.b. Los Angeles, for use in construction of Head Gate Rock Dam on Colorado River, Invit. 463. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|--------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage |
| 24.—St. Light Systems | 33.—Disposal Plants |
| 25.—Machinery and Equipment | 34.—Water Works |
| 26.—Fire Alarm Sys. | 35.—Parks & Play |
| 27.—Fire Equipment | 36.—Streets & Highways |
| 28.—Streets & Highways | 37.—Tunnels |

21— BRIDGES

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until July 7, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete slab bridge across Cucamonga Wash two miles east of Ontario consisting of five 22-ft. 0-in. spans and two 20-ft. 0-in. spans and two 5-ft. 6-in. cantilever spans on concrete pile bents. San Bernardino County Work involves:

- (1) 280 c.y. concrete and masonry remove and dispose of;
- (2) 1,800 c.y. rdwy. excav. unclass.;
- (3) 250 c.y. struc. excav.;
- (4) 47,000 lbs. bar reinf. steel;
- (5) 240 c.y. Class A Portland cement conc. struc.;
- (6) 12 c.y. Class A Portland cement concrete railing;
- (7) 12 MFEM treated Douglas fir timber;
- (8) 660 l.f. furnish treated Douglas fir piles;
- (9) 33 each driving do.;
- (10) 960 l.f. furnish cast in place concrete piles;
- (11) 32 each driving steel shells;
- (12) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 7, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing a bridge across Malibu Creek about 10 miles northwest of Santa Monica, Los Angeles County.

- Work involves:
- (1) 1 lot existing detour bridge remove;
 - (2) 450 c.y. existing conc. remove;
 - (3) 500 c.y. struc. excav.;
 - (4) 50 tons asph. conc.;
 - (5) 108,000 lbs. bar reinf. steel;
 - (6) 108 c.y. Class A Portland cement conc. footing blocks;
 - (7) 405 c.y. do. struc.;
 - (8) 19.5 c.y. do. railing;
 - (9) 624 lbs. bronze expansion plates
 - (10) 490 l.f. furnish precast concrete piles including test pile;
 - (11) 24 each driving do.;
 - (12) 400 c.y. riprap;
 - (13) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BIDS WANTED

SAN MATEO CO., Cal.—Until July 6, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge across Colma Creek in the City of South San Francisco, consisting of one 24-foot span and two 19-foot 6-inch spans and about six hundredths (.06) mi. roadway to be graded, surfaced with plant-mixed surfacing and penetration oil treatment applied to shoulders, San Mateo Co., Cal.

- Work involves:
- (1) 160 c.y. roadway excav.;
 - (2) 70 c.y. struc. excav.;
 - (3) 100 c.y. import borrow;
 - (4) 160 c.y. existing asphalt conc. pavement to be removed and disposed of;
 - (5) 1,430 sq. yds. asphaltic paint binder;
 - (6) 205 tons min. aggregate plant-mix surf.;
 - (7) 1.5 tons liq. asph., MC-2 (prime coat);
 - (8) 10.5 tons liq. asph., MC-5 (plant-mix surf.);
 - (9) 225 tons crusher run base shoulders;
 - (10) 2.25 tons liq. asph., SC-1A penetration oil treat. shoulders;
 - (11) 1.5 tons liq. asph., SC-2 penetr. oil treat. shoulders;
 - (12) 20 tons screen penetration oil treat. shoulders (seal coat);
 - (13) 3.2 sta. finish roadway;
 - (14) 1 ton liq. asph., 90-95 (seal coat)
 - (15) 63,000 lb. bar reinf. steel;
 - (16) 300 c.y. class A portland cement conc. struc.;
 - (17) 8.0 c.y. class A portland cement conc. rail;
 - (18) 1,810 l.f. furnish precast conc. piles;
 - (19) 40 each, drive precast concrete piles;
 - (20) 800 l.f. temporary railings;
 - (21) 1 lot remove and dispose of existing bridge;
 - (22) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. * 21

CORRECTION. BIDS WANTED

YOLO CO., Cal.—Until July 6, 2:00 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge across Cache Creek about 3½ miles northwest of Rumsey and approximately 0.5 mi. of approach to be graded and road-mix surfacing treatment applied, Yolo Co., Cal.

- Work involves:
- (1) 26 sta. clear and grub;

Capital City Title Company

JAMES E. BANCROFT
Manager

801 J Street
Sacramento • California

- (2) 215 M. gals. water;
 - (3) 15,400 c.y. roadway excavation, without classification;
 - (4) 1,500 c.y. heavy riprap;
 - (5) 1,800 c.y. struc. excav.;
 - (6) 4,200 c.y. import borrow;
 - (7) 31,200 sta. yds. overhaul;
 - (8) 26 sta. finish roadway;
 - (9) 7,250 sq. yds. pre-mixing, mixing and shaping roadbed;
 - (10) 45 tons liq. asph., BOMC-3, 4 or 5 road mix surf. treatment;
 - (11) 8.8 tons liq. asph., SC-2, prime coat and penetration oil treatment;
 - (12) 260,000 lbs. bar reinf. steel;
 - (13) 280 c.y. class A portland cement concrete footing blocks;
 - (14) 1,015 c.y. class A portland cement concrete structures;
 - (15) 33 c.y. class A portland cement concrete railing;
 - (16) 90 c.y. class A portland cement concrete slope pave.;
 - (17) 2,700 lbs. misc. steel;
 - (18) 184 l.f. 24-in. CMP;
 - (19) 78 l.f. remove and relay culvert pipe;
 - (20) 300 l.f. laminated guard railing;
 - (21) 16 each, culvert markers;
 - (22) 12 each, guide posts;
 - (23) 12 each, monuments;
 - (24) 1 lot, misc. items of work.
- Plans and specifications may be obtained from the above office.
Item 8 previously reported incorrect. * 21

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 7, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge across Santa Clara River about five miles east of Saugus, consisting of eight 50-ft. spans and two 12-ft. 3-inch spans on reinforced concrete piers and abutments, Los Angeles County.

- Work involves:
- (1) 1,800 c.y. struc. excav.;
 - (2) 323,000 lbs. bar reinf. steel;
 - (3) 1,660 c.y. Class A Portland cement conc. struc.;
 - (4) 47.3 c.y. do. railing;
 - (5) 12,500 lbs. misc. steel;
 - (6) 2,550 l.f. furnish cast in place concrete piles;
 - (7) 170 each driving steel shells;
 - (8) 480 l.f. bank protection fence;
 - (9) 1 lot misc. items of work.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY, Cal.—E. G. Perham, 1128 Stearns Drive, Los Angeles, at \$21,616.20 was awarded contract by the State Division of Highways, Public Works Building, Sacramento, for construction of two timber bridge and a corrugated multi-plate culvert and about 0.3 mile of roadway to be graded and road-mix surface treatment applied between Summit and 3 miles south of Paso Robles, San Luis Obispo Co. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

PORTLAND, Ore.—Until June 24, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-38-662, for dredg-

ing approximately 22,800 cu. yds. of material from the channel in Cowlitz River, at Castle Rock Reef, 18 miles above the mouth of the river. Plans and specifications may be obtained from the above office. * 22

BIDS WANTED

PEARL HARBOR, T. H.—Until July 20, bids will be received by the U. S. Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8702, for dredging and disposal of material at the Litt. Naval District, Pearl Harbor, T. H. Estimated cost \$1,400,000. Plans and specifications may be obtained from the above office. * 22

BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until July 5, 10 a.m. (date was previously tentatively announced June 28), bids will be received by the Orange County Supervisors for the construction of grade and drainage structures on the Atchison, Topeka & Santa Fe Ry., between Corona and Scully Station, and portions of state highway (VIII-Riv-43-A), occasioned by the construction of the Prado retarding basin, Riverside Co. Final plans will be presented by M. N. Thompson, county flood control engineer, to the board of supervisors June 10, and copies will be ready for contractors probably June 13. A charge of \$3 will be made for plans, not returnable. Certified or cashier's check or cash for 10% must accompany each proposal. Work involves:

- (1) 446 sta clearing and grubbing;
- (2) 10,340 M gals watering;
- (3) 736,625 c y roadway excav;
- (4) 6,841 c y struc excav;
- (5) 3,862,872 sta yds overhaul;
- (6) 2,358 tons mineral agg, plant mixed surf;
- (7) 123 tons liq asph, MC-5 or MC Extra Heavy (plant mix);
- (8) 11 tons liq asph, MC-2 (plant mix);
- (9) 8 tons liq asph, MC-3 (seal coat)
- (10) 66 tons screenings (seal coat);
- (11) 375,502 lbs reinf steel;
- (12) 3717 c y conc;
- (13) 70 ft 18-in C M P;
- (14) 390 ft 24-in C M P;
- (15) 344 ft 36-in C M P;
- (16) 68 ft 48-in C M P;
- (17) 38 ft 54-in C M P;
- (18) 160 ft 18-in reinf conc pipe;
- (19) 96 ft 24-in reinf conc pipe;
- (20) 30 ft 30-in reinf conc pipe;
- (21) 120 ft 42-in reinf conc pipe;
- (22) 216 ft 48-in reinf conc pipe;
- (23) lump sum, for extending existing culvert;
- (24) 3.89 mi new property fence (highway type);
- (25) 10.65 mi property fence (railroad type);
- (26) 12 each, farm gates; * 22
- (27) 12 each, drive gates. * 22

BIDS OPENED

PORTLAND, Ore.—Pacific Building Material Co., Portland, Ore., at \$9,625 (\$0.275 per cu. yd.), submitted only bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-628, for dredging and disposal of approximately 35,000 cu. yd. of material from the channel in Willamette River at Lincoln Bar, located 77.5 miles above its mouth. Contracting officer's estimate, \$9,842 (\$0.2812 per cu. yd.). * 22

BIDS WANTED

LONG BEACH, Cal.—Until July 12, 11 A. M., bids will be received by the Long Beach city council for the construction of walls and bulkheads for the Rivo Alto Canal, Naples Ca-

- nal, The Collonade Canal, Alamitos Bay, a 1911 and Federal aid project. The estimated quantities are:
- (1) 8208 ft. reinf. conc. sheet pile walls to be constructed of piles 22-ft. long;
- (2) 2363 ft. reinf. conc. sheet pile walls to be constructed of piles 24-ft. long;
- (3) 700 ft. reinf. conc. sheet pile walls to be constructed of piles 26-ft. long;
- (4) 832 each reinf. conc. anchor piles, 22-ft. long;
- (5) 237 ea. reinf. conc. anchor piles 24-ft. long;
- (6) 72 ea. reinf. conc. anchor piles, 26-ft. long;
- (7) 27 c.y. reinf. conc. (closures);
- (8) 11,198 l.f. pipe handrail;
- (9) 3163 l.f. walls to be removed;
- (10) 504 l.f. concrete steps to be removed.

Plans and specifications may be obtained from the office of the city engineer, Long Beach, on and after June 20. J. W. E. Blackman, City-Engr.-Director of Public Service. * 22

CONTRACT AWARDED

ALAMEDA CO., Cal.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, awarded contract by Pacific Gas & Electric Co., 445 Sutter St., San Francisco, for excavating and reconstructing rock sea walls near the San Francisco-Oakland Bay Bridge approach in Alameda County. * 22

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-268, for furnishing and operating clamshell dredging plant and doing dredging in Suisun Bay and in the Sacramento and San Joaquin rivers, and tributary channels. Bids were:

- Olympian Dredging Co., San Francisco: (1) \$22.30; (2) \$22.30; (3) \$250.
- Frank Contracting Co., San Francisco: (2) \$22; (3) \$22; (3) \$275. * 22

23—CANALS

CONTRACT AWARDED

OWYHEE PROJ., Oregon-Idaho.—Henry L. Horn, Caldwell, Idaho, at \$20,773.50, awarded contract by U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1063-D, for construction of structures, South Canal laterals, 25.4 to 37.6. Succor Crk. Div., Owyhee Project. * 23

LOW BIDDER

BOISE PROJECT, Ida.—J. A. Terrelling & Sons, Boise, at \$239,406 submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 790, for construction of earthwork, tunnel, canal lining and structures, Black Canyon Canal, Sta. 482 to Sta. 782-80, Payette Division, Boise Project, Ida. * 23

24—STREET LIGHTING

BIDS OPENED

LOS ANGELES, Cal.—R. H. Walker, 1307 W. 48th St., at \$1572, submitted low bid to Los Angeles board of public works, for construction of ornamental lighting system in Camden, Drive, between 1105.92 ft. N of Pico Blvd. and Pico Blvd., under 1911 Act, involving seven 1-light Marbelite standards. Other bids were:

- H. O. Bauerle, 1577. Underground Constr. Co., \$1585.28.

- Marhelite Corp. of America, \$1,610.23.
- Newbery Elec. Corp., \$1671.
- Vancott Co., \$1715.
- F. A. Wattson, \$1884. * 24

BIDS OPENED

HAMILTON FIELD, San Rafael, Cal.—Underground Constr. Co., 354 Hobart St., Oakland, at \$989, submitted low bid to the Constructing Quartermaster, Col. H. E. Pitz, QMC, San Francisco and Vicinity, Fort Mason, under Bid No. W 6616-38-21, for relocating south floodlight at Hamilton Field, San Rafael, Calif.

- Work involves:
- (1) Relocating south floodlight;
- (2) Unit prices:
 - (a) laying 2 conductor No. 10, 2500-volt parkway cable, per lin. ft.;
 - (b) furnishing and laying No. 12, 600-volt lead-covered cable, per lin. ft.

Complete bids follow: Underground Constr. Co., 354 Hobart St., Oakland, (1) \$989, (2) \$0.20, (3) \$0.30. Abnett Elec. Co., S. F., (1) \$1,614, (2) \$0.13, (3) \$0.18. North Bay Electric Works, Inc., San Rafael, (1) \$3,031, (2) \$0.515, (3) \$1.785. * 24

25—MACHINERY AND EQUIPMENT

BIDS WANTED

LOS BANOS, Merced Co., Calif.—Until June 27, 2 p.m., bids will be received by the Los Banos City Council, V. G. Bryant, City Clerk, for furnishing one motor and chassis. Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a 2-sack concrete mixer for use in Ventura County, vicinity of Ojai, for 60 days, opened by State Highway Dept., Los Angeles, are: C. G. Willis & Sons: 10-S Koehring 1936, \$2 per hour. Brown - Bevis Equipment Co., 10-S Rex 1937, \$1.90 hour. Hall Bros.: Jaeger Speed King 1936; \$1.00 per hour. * 25

BIDS WANTED

LOS BANOS, Merced Co., Calif.—Until June 27, 2 p.m., bids will be received by the Los Banos City Council, V. G. Bryant, City Clerk, for one piece of fire fighting apparatus equipped with 500-gal. Hale multi-stage centrifugal pump, 200-gal. water tank, booster pump, etc.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN FRANCISCO—Harron, Rickard & McCone Co., 2070 Bryant St., San Francisco, at \$1,943 net, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-38-186, for one 18-inch lathe complete with individual motor-drive.

- Total bids follow:
- Harron, Rickard & McCone Co., 2070 Bryant St., S. F., \$1,943; net.
- C. F. Eulatti Mch'y Co., S. F., \$1,945.80; net.
- Moore Mch'y. Co., L. A., \$2,376.35; net. * 25

BIDS WANTED

CHICO, Butte Co., Cal.—Until June 24, 5 p.m., bids will be received by the Chico Board of Education, office of the Superintendent of Schools, Senator Theater Bldg., Chico, for fur-

nishing and delivering to the Chico High School District one used or second-hand school bus.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the rental of equipment, as follows:

- (1) 105 cu. ft. air compressor;
- (2) 160 cu. ft. air compressor;
- (3) 3 1/2 cu. ft. concrete mixer;
- (4) 7 cu. ft. concrete mixer.

Bids were: Edward R. Bacon Co., San Francisco: (1) \$1.75; (2) \$2.40; (3) \$0.50; (4) \$0.80.

Knox-Hale Mchy. Co., San Francisco: (1) \$1.97; (2) \$1.97.

Sam Bates Co., Oakland: (1) \$0.90; (2) \$1.30; (3) \$1.55; (4) \$0.85. 25

BIDS WANTED

SAN FRANCISCO.—Until June 29, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-218, for furnishing and delivering a complete conveying system, ready for assembly, consisting of tracks with all necessary bolts, hangers, anchors and fittings, 24 Army-type 1 1/2 ton spur gear hoists with built-in trolley and the services of an erecting engineer.

Plans and specifications may be obtained from the above office. * 25

CONTRACTS AWARDED

KENDRICK PROJ., Wyo.—General Controls Co., Minneapolis, Minn., at \$12,565 (1), and Bowie Switch Co., San Francisco, at \$37,115, awarded contracts by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 779, for furnishing and delivering main control equipment and current transformers; station-power switchboard, distribution cabinets and miscellaneous equipment; metal-clad switchgear, and two 5000-volt, 200-amp. oil circuit breakers with frame mounting; for installation in the Seminoe power plant, Kendrick Project, Wyo.; f.o.b. shipping point and/or Parco, Wyo. * 25

BIDS OPENED

ALPINE CO., Cal.—Following submitted bids to the State Division of Highways, Dept. of Public Works, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of one two-stage air compressor, equipped with jackhammers, air hose and air couplers, for approximately two months' use in Alpine County.

Bids were: (1) Rental rate; (2) Moving in and out.

W. H. Cowan, San Francisco—(1) \$225; (2) \$200.

Western Machinery Co., San Francisco—(1) \$247; (2) \$98.

Machinery & Drill Steel Co., San Francisco—(1) \$210; (2) \$175.

Leitch & Co., San Francisco—(1) \$252; (2) \$110. * 25

BIDS OPENED

SAN FRANCISCO.—The Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-173, for one water system complete with miscellaneous parts and spare parts; fob San Francisco waterfront. Bids were:

- Woodin & Little, \$132; net;
- Pacific Pumping Co., \$109; net.
- Crane Co., \$192.98; 2% 30 days.
- Fairbanks Morse & Co., \$156.33; net.

Pacific Pump & Supply Co., \$125.50 2% 30 days.

Bids held under advisement. 25

BIDS OPENED

MENDOCINO COUNTY, Cal.—Portola Truck Service, 1540 Bayshore Blvd., San Francisco, at \$2.43 per hour submitted low bid to the State Division of Highways, Department of Public Works, G. F. Helleso, Acting District Engineer, 546 West Wabash Ave., Eureka, for the rental of one 1,000-gallon capacity water sprinkler for 300 hours' use in the vicinity of Fort Bragg, Mendocino County.

Total bids follow:

	per hr.
Portola Truck Service, S. F.	\$2.43
Ashurst Bros., Hopland	2.45
Joe Cunha, Hayward	2.45
Teel Bros., Los Angeles	2.45
Wm. Kern, Weott	2.62
Dewar's Express, Eureka	3.00
	25

NO BIDS RECEIVED

BEVERLY HILLS, Los Angeles Co., Calif.—No bids were submitted to the Beverly Hills City Council for furnishing one vertical line sludge calciner, together with sludge filter of the Oliver type and other accessories. Equipment will be bought in the open market. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1245, for sectional boiler complete, including one oil burner, 3 hot water type radiators, and one pressure tank; f.o.b. (1) bidder's shipping point; (2) Dunsmulr, Cal.

- Bids were: U. S. Radiator Corp., (1) \$276, (2) \$300; net.
- Waiworth Calif. Co., (1) \$276.05, (2) \$301.10; 2% 30 days.
- Warren Doble, (1) \$337.06, (2) \$362.22; 2% 10 days.
- Crane Co., (1) \$140.18, (2) \$158.67; net.
- Merrill Hubbard, (1) \$260.10, (2) \$281.73; 2% 20 days.
- Federal Pipe & Supply Co., (1) \$271.77, (2) \$295.17; 2% 30 days. * 25

Bids under advisement. 25

BIDS WANTED

MADERA, Cal.—Until July 1, 3 P. M., bids will be received by Board of Trustees of the City of Madera School District, Susan H. Ransom, Clerk, Lincoln Grammar School, Madera, for furnishing one school bus.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

NORTH PLATTE PROJ., Nebraska-Wyoming—Until June 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Col., under Spec. No. 1087-D, for furnishing and delivering one 34,500-volt, 3-phase, station-type, lightning arrester for the Guernsey power plant, North Platte Project, Neb.—Wyo.; fob shipping point and/or Guernsey, Wyo. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others, \$0.25, not returnable. 25

BIDS WANTED

BUFFALO RAPIDS PROJ., Mont.—Until June 28, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under

Spec. No. 1086-D, for furnishing and delivering 2,300-volt motor-control equipment, four 1,667-kv-a, single-phase, 60-cycle, 33,000/66,000-to 2,400-volt, oil-immersed self-cooled transformers; one 3-pole, 34,500-volt lightning arrester; one 600-ampere, 69,000-volt, 3-pole, single-throw, manual-gang-operating air-break switch; and three 60,000-volt or higher fuses for Glendive pumping plant, Glendive division, Buffalo Rapids Proj., Mont.; fob shipping point and/or Fallon, Mont.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others, \$0.25, not returnable.

CONTRACT AWARDED

YOSEMITE NATIONAL PARK, Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$3.25 per hour submitted low bid and awarded contract by the Yosemite National Park Supt. Lawrence C. Merriam, Yosemite National Park, under Bid No. NPS 1271, for rental of one powered grader, with diesel or gasoline engine, equipped with scarifier and hydraulic control, fob Government Warehouse, Yosemite National Park.

Hayward Bldg. Material Co., Hayward, at \$850 per month, submitted only other bid. * 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Col., under Spec. No. 1074-D, for furnishing and delivering line hardware and conductor fittings for installation in the Southern California Edison Co. switchyard at Boulder power plant, Boulder Canyon Project; fob shipping point and/or Boulder City, Nev. Apparatus will be installed by the Government.

- Bids taken on: (1) Insulator hardware;
- (2) Special hardware;
- (3) Special hardware;
- (4) Special hardware;
- (5) Conductor fittings;
- (6) Grading rings.

Bids were: General Electric Supply Corp., Denver, Colo., (1) \$2,868.08, wt. 6,697.2; (2) \$1,330, wt. 2,472; (3) \$124.90, wt. 239.2; (4) \$83.20, wt. 160; (5) \$198, wt. 445; net; fob Boulder City, Nev. Bowie Switch Co., San Francisco, (2) \$768, wt. 2,100; net; fob Boulder City.

Burndy Engr. Co., Inc., Boulder City, (5) \$195.57, wt. 350; net; fob Boulder City. * 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Col., under Spec. No. 1071-D, for furnishing and delivering one trashrack rack for the All-American Canal headworks and one trashrack rack for the Gila Valley canal headworks at the Imperial Dam, All-American canal system, Boulder Canyon Proj.; for shipping point and/or Potholes, Calif. Apparatus will be installed by the Government. Bids were:

- California Steel Products Co., San Francisco: \$1672, wt. 71,500; net; fob San Francisco.
- Berkeley Steel Const. Co., Inc., Berkeley: \$17,400, wt. 90,000; 1/2%;
- fob Berkeley.
- The Morgan Engr. Co., Alliance, O.: \$23,120, wt. 70,500; 1/2%;
- fob Alliance.
- Smith Corp. d/b/a General Iron and Steel Works, Portland, Ore.: \$14,925, wt. 61,600; net; fob Portland.
- Phillips & Davies, Inc., Kenton, O.: \$18,950, wt. 66,750; 1%;
- fob Kenton.

Link-Belt Co., Chicago: \$21,210, wt. 66,800; net; fob Chicago.
 Koppers Co., Bartlett Hayward Div., Baltimore, Md., \$24,870, wt. 67,500 1/2 fob Baltimore.
 Pacific Iron & Steel Co., Los Angeles: \$18,125, wt. 68,000; net; fob Los Angeles.
 John W. Beam, Denver: \$18,955, wt. 65,000, 1/2 fob Peotone, Ill.
 Consolidated Steel Corp., Ltd., Los Angeles: \$21,872, wt. 66,900; net; fob Los Angeles.
 Commercial Iron Works, Portland, Ore.: \$15,800, wt. 46,000; 1/2 fob; fob Portland
 Puget Sound Mch. Depot, Seattle: \$19,118, wt. 74,000; 1/2 fob; fob Seattle.
 Lakeside Bridge & Steel Co., Milwaukee: \$15,552, wt. 70,800; net; fob Milwaukee. * 25

BIDS AWAIKED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2029, for rental of 3-yd. dump trucks without drivers for the San Francisco Airport (WPA).
 Bids taken on (1) 6 trucks; (2) 2 trucks.
 Bids were:
 Portola Truck Service, (1) \$1077; (2) \$179.50 each.
 C. L. Jordan Co., (2) \$200 each.
 Arnold Trucking Co., (1) \$200 each; (2) \$25.
 Lerer Brothers, (1) \$148.50.
 Chas. J. Evans, (2) \$155.
 Parker Pugh, (2) \$210.
 Frank O'Shea, (2) \$237.60.
 E. F. Biggins, (2) \$252.
 H. E. Springer Co., (2) \$315.
 Jos. Calavano, (2) \$225.
 K. I. Dowdy, (1) \$179.

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2027, for rental of (1) tandem roller and (2) motor patrol for Airport (WPA).
 Bids were:
 South City Lumber Co., South San Francisco, (1) \$175 per month; (2) \$4.60 per hour.
 Lee J. Immel, Berkeley: (1) \$225; (2) \$4.64.
 P. B. Hackley Equip. Co.: (1) \$187; (2) \$7.85.
 Chas. L. Harney, San Francisco: (1) \$397.50; (2) \$4.73.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a 1 1/2-cy. shovel with clamshell bucket and rock tongs for use in Ventura, Route 138, for 60 to 90 days, opened by the State Highway Dept., Los Angeles, are:
 Bert Calvert: Rebuilt 104 Northwest. 1929. 86.50 hour, or one model 6 Northwest, 1933, \$7.25 per hour.
 E. M. Hawley: American Gopher 1931 rebuilt 1938, \$7 per hour.
 C. G. Willis & Sons: Koehring, 1930, \$7.40 per hour.
 Lang Transportation Corp.: Northwest, 1934, \$7.50 per hour.
 Kuhn Bros., Inc.: Model 6 Northwest, Serial 3761, \$9.50 per hour. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of 60-70-h.p. tractor with bulldozer, for use on Roosevelt and Topanga Canyon Highways, LA-60-A, B and LA-156, for 20 to 30 days, opened by the State Highway Dept., Los Angeles, are:
 C. G. Willis & Son: A-C 1937, tractor and bulldozer, \$5.40 per hour; tractor only, \$4.90 hour.
 Dennis Inv. Corp.: A-C 1935 or 1938, \$5.29 hr.; tractor only, \$5.29 hr.

Silva & Hill Const. Co.: 75 tractor and dozer A-C 1934, \$5.20 hour; tractor only \$4.70 hour.
 Martin Bros. Trucking Co.: Caterpillar RD-7 1936 \$5.50 per hour; tractor only \$5.00 hour.
 Vido Kovacevich: Caterpillar RD-7 Diesel 1937 \$5.49 hour; tractor only \$4.90.
 R. E. Campbell: Caterpillar rebuilt 1938, \$4.95; tractor only, no bid.
 Doty Bros.: RD-7 Caterpillar 1938, \$8.25 hour; tractor only, \$5.50 hr.
 A. S. Vinnell Co.: 68 Caterpillar 1937 \$5.99 hour tractor, only, \$5.19 hr. * 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWAIKED
SAN FRANCISCO.—The following contracts awarded by the U. S. Treas. Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 5501—Pacific Coast Paper Co.: \$1052.72; 2% 30; mimeo paper.
 BID NO. 5543—Gar Wood Industries: \$577.12; net; bolts, washers, plns, etc.
 BID NO. 5397—Cancelled.
 BID NO. 5440—Cancelled.
 BID NO. 5162—Chas. L. Harney: \$3.73 per hr.; net; rental of tandem roller.
 BID NO. 5481—Jordan Concrete Pipe Co.: (1) \$0.39; (2) \$0.26; net.
 Stroud-Seabrook: (3) \$0.48; 5% 30; concrete sewer pipe.
 BID NO. 5488—Smith Lumber Co.: \$1209.58; 2% 30; Douglas fir and Redwood lumber. * 27

CONTRACTS AWAIKED

SAN FRANCISCO.—The following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:
 BID NO. 5436—J. O. and C. U. Martin: \$298.19; 2% 20; unit heaters.
 BID NO. 5494—C. W. Moore: \$120; net; trucks; Auldin E. Brown, \$140; net; trucks.
 BID NO. 5530—C. A. Baker: \$7.50 per hour; diesel tractor; 1% 20.
 BID NO. 5531—Food Machy. Corp.: \$1844.84; 3% 30; deep well pump.
 BID NO. 5503—Olsen & Heffernan: \$1132.22; 2% 30; plumbing supplies.
 BID NO. 5486—Marshall Newell Supply: \$996.92; net; builders' hardware.
 BID NO. 5479—Rolph Mills & Co.: \$425.60; net; toilet partitions.
 BID NO. 5497—Western Pipe & Steel: \$369.60; 1/2 of 1% 20; CMP culvert.
 BID NO. 5500—Calif. Mill & Lumber: \$31 per M. on Douglas fir; 2% 20.
 Forsythe Lumber Co.: \$65 per M. on maple; 2% 20.
 BID NO. 5495—Western Pipe & Steel: \$2380; net; welded steel pipe. * 27

CONTRACTS AWAIKED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:
 BID NO. 5512: E. H. Higgins Co.: \$0.60 1/4; \$337.20; net; Portland cement.
 BID NO. 5514: Calif. Pottery Co.: \$4586; 2% 30; clay pipe.
 BID NO. 5492: Edward R. Bacon: \$60 per mo.; net; concrete mixer. * 27

CONTRACTS AWAIKED

SAN FRANCISCO.—The following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and materials:
 BID NO. 5511: Arliss-Knapp: \$435; net; loam.
 BID NO. 5498: rejected; concrete pipe.
 BID NO. 5499: Rejected.
 BID NO. 5513: Price Bldg. Specialties: \$340; 1% 20; shower and dressing stalls.
 BID NO. 5514: Calif. Pottery Co.: \$4586.60; 2% 30; clay pipe.
 BID NO. 5528: Grinnell Co.: \$411.42; net; C.I. pipe. * 27

CONTRACTS AWAIKED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous equipment and materials for use on WPA projects:
 BID NO. 5493: Empire Foundry Co.: \$499.50; net; manhole rings and covers;
 BID NO. 5496: Pacific Mfg. Co.: \$282.11; net; doors and trim;
 BID NO. 5502: Valley Oil Co.: \$0.-04620 per gal.; 2% 20; 1% 30; diesel oil;
 BID NO. 5338: Independent Dump Truck & Supply: \$551; 1% 20; cow manure;
 BID NO. 5478: American Optical Co.: \$330; 2% 30; goggles;
 BID NO. 5506: N. Clark & Son: \$1.-627.92; 2% 30; clay pipe.

29—STREETS AND HIGHWAYS

BIDS WANTED

ALAMEDA CO., Cal.—Until July 12, 10.30 a.m., bids will be received by the Alameda County Board of Supervisors, Court House, Oakland, for surfacing and grading and constructing a reinforced concrete bridge on the Crow Canyon Road, Alameda Co., Calif.
 Work involves:
 (1) 26,500 c.y. roadway excav.
 (2) 100,050 c.y. excav. for structure, complete;
 (3) 5,370 tons crusher run base;
 (4) 720 c.y. Portland cement concn. in place;
 (5) 126,000 lbs. reinf. steel;
 (6) 160 lf. 12-in. CMP culvert;
 (7) 220 lf. 38-in. do.;
 (8) 110 lf. 21-in. do.;
 (9) 230 lf. 24-in. do.;
 (10) 80 lf. 36-in. do.;
 (11) clearing site.
 Plans and specifications may be obtained from the above office upon deposit of \$25. * 29

BIDS WANTED

KERN COUNTY, Calif.—Until July 1, 2 P. M., bids will be received by the State Division of Highways, E. T. Scott, District Engineer, District VI, State Highway Building, Fresno for about one mile to be graded and oiled and two bridges constructed on Allen Road, between one mile south of Rosedale and two miles south of Rosedale, Kern County.
 Plans and specifications may be obtained from the above office. * 29

CONTRACT AWAIKED

BUTTE CO., Calif.—Chas. L. Harnev. 443 Call Bldg., San Francisco, at \$38,330, was awarded contract by State Division of Highways, Public Works Bldg., Sacramento, for constructing a graded roadbed about 4.6 miles in length between 6 miles south and one mile south of Paradise, Butte County. * 29

BIDS WANTED

MARION AND LINN COS., Ore.—Until June 28, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, 316 New Post Office Building, Portland, Oregon, for approximately 16,885 miles constructing or improving the North Santiam Highway Surfacing Project 24-C3, D4 National Forest Project, located within the Willamette National Forest, Marion and Linn Cos., Ore.

- Work involves:
- (1) all required extra and miscellaneous force account work;
 - (2) 10,900 c.y. unclass. excav.;
 - (3) 70,000 sta. yd. special overhaul;
 - (4) 20,000 c.y. ml. special overhaul;
 - (5) 16,885 miles fine grading sub-grade and shoulders;
 - (6) 14,000 tons heavy base course, 1½-in. material;
 - (7) 30,000 tons crusher run top course;
 - (8) 3,000 units watering;
 - (9) 580 tons cutback asphalt, MC-2 grade, for prime coat;
 - (10) 900 lf. corr. galv. sheet metal pipe.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS OPENED

MONTEREY CO., Calif.—Granite Constr. Co., Ltd., Bin No. 9, Watsonville, at \$44,566, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about one mile of grading and paving with Portland cement concrete to the Salinas Bridge approaches at Soledad, Monterey Co.

- Work involves:
- (1) Clearing and grubbing;
 - (2) 1,100 M. gallons water;
 - (3) 13,500 c.y. rdwy. excav., unclass.
 - (4) 850 c.y. struc. excav.;
 - (5) 85,000 sta. yds. overhaul;
 - (6) 6,800 c.y. imported surf. material;
 - (7) 2,800 c.y. local borrow;
 - (8) 650 c.y. imported borrow;
 - (9) 22 tons asph. cement Grade E, membrane seal;
 - (10) 450 c.y. remove concrete;
 - (11) 13,000 sq. yds. preparing sub-grade;
 - (12) 53 sta. finishing roadway;
 - (13) 10 tons liquid asph., SC-2 prime coat;
 - (14) 105 tons do (shoulders);
 - (15) 10,000 sq. yds. prepare, mix and shape shoulders;
 - (16) 2,640 c.y. Class A portland cement concrete pavement;
 - (17) 4,800 each pavement dowels;
 - (18) 15,500 lbs. bar reinf. steel;
 - (19) 12 c.y. Class A Portland cement concrete, struc.;
 - (20) 56 lf. 8-in. CMP;
 - (21) 154 lf. 18-in. CMP;
 - (22) 344 lf. remove and salvage pipe culverts;
 - (23) 112 lf. remove and relay pipe siphon;
 - (24) 5 each conc. siphon joints;
 - (25) 5 each spillway assemblies;
 - (26) 12 c.y. Class A Portland cement concrete curbs and sidewalks;
 - (27) 80 lf. move and reset guard rail;
 - (28) 5 each culvert markers;
 - (29) 26 each guide posts;
 - (30) 1.0 mile new property fence;
 - (31) 6 each drive gates;
 - (32) 0.5 mile moving and reset fence;
 - (33) 4 sections pavement crossing devices, Type A-11;
 - (34) 10 each monuments.

- Total bids follow:
- (A) Granite Constr. Co., Ltd., Bin No. 9, Watsonville—\$44,566.
- (B) N. M. Ball Sons, Berkeley—\$52,755.00.
- (C) Fredericksen & Westbrook, Lower Lake—\$57,015.70.

(D) Louis Biasotti & Son, Stockton—\$58,414.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 189.00	\$1000.00	\$ 120.00	\$ 200.00
(2)	1.25	1.30	2.00	1.50
(3)	.20	.40	.42	.35
(4)	.80	1.50	1.50	1.50
(5)	.005	.015	.008	.02
(6)	.45	.75	.70	.80
(7)	.25	.40	.50	.50
(8)	.50	.75	1.10	1.50
(9)	20.00	19.00	16.00	16.00
(10)	.60	2.00	2.40	4.00
(11)	.09	.10	.09	.11
(12)	6.00	5.00	6.00	7.00
(13)	14.00	15.00	14.50	14.00
(14)	14.00	13.00	14.50	13.00
(15)	.08	.06	.08	.10
(16)	10.00	9.50	11.60	11.00
(17)	.20	.18	.15	.23
(18)	.065	.075	.06	.08
(19)	20.00	45.00	28.00	35.00
(20)	1.00	1.00	.90	1.00
(21)	2.00	2.50	1.80	3.00
(22)	.50	1.50	.60	1.00
(23)	1.00	2.50	.90	2.00
(24)	25.00	20.00	18.00	15.00
(25)	14.00	17.00	18.00	25.00
(26)	18.00	30.00	24.00	28.00
(27)	.60	.60	.90	1.00
(28)	2.50	3.00	2.40	3.00
(29)	2.50	3.00	2.40	3.00
(30)	350.00	500.00	500.00	550.00
(31)	17.00	25.00	19.00	22.00
(32)	300.00	400.00	350.00	300.00
(33)	35.00	75.00	50.00	45.00
(34)	3.00	3.00	3.00	4.00

CONTRACT AWARDED

SAN BERNARDINO, Calif.—Cannon Bros. & Kesterson, 1353 E. 78th St., Los Angeles, at \$15,247.28 submitted low bid and was awarded contract by the San Bernardino City Council, for improving "D" St. between 3rd and 5th Sts.

Total bids follow:

	(A)	(B)	(C)
Cannon Bros. & Kesterson,	1353 E. 78th St., L. A.	\$15,247.28	
George Herz Co.		15,815.21	
E. L. Yeager		15,901.27	
Oswald Brothers		16,005.99	
R. A. Watson		16,260.89	
W. D. Bohan		16,585.27	
Contracting Engineers Co.		17,382.01	

LOW BIDDER

ORANGE CO., Cal.—V. R. Dennis Constr. Co., P. O. Box F, Station A, San Diego, at \$52,996.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.2 mi. grading and surfacing with plant-mix surfacing, near Galivan, Orange Co., Cal.

Complete bids will be published shortly. * 29

BIDS WANTED

GRANT COUNTY, Oregon.—Until June 23, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing and improving approximately 3,932 miles of the Pendleton-John Day Highway, Reconstruction Grading and Surfacing Project 3-A-1, National Forest Road Project, located within the Malheur National Forest, Grant County, Oregon.

Work involves:

- (1) 82,500 c.y. unclass. excav.;
- (2) 109,000 sta. yds. special overhaul;
- (3) 10,000 c.y. gravel base course;
- (4) 500 M. gals. watering;
- (5) 38 c.y. Class A concrete;
- (6) 1,660 lf. corr. galv. sheet metal pipe;
- (7) 250 lf. culverts (alternate);
- (8) 660 lf. 8-in. bit. coated perf. corr. S. M. pipe underdrain, type 2.

Plans and specifications may be

obtained from the above office upon deposit of \$10.00. * 29

BIDS OPENED

SAN FRANCISCO.—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$37,185 submitted low bid to Public Utilities Comm., Room 287, City Hall, under Spec. W.D. 178, for the repaving of street and/or sidewalk openings where the paving has been removed for the San Francisco Water Department for the fiscal year ending June 30, 1939.

- Work involves:
- (1) 30,000 sq. ft. light traffic concrete paving base and wearing surface;
 - (2) 100 sq. ft. heavy concrete with binder and wearing surface;
 - (3) 14,000 sq. ft. 6-in. Class E concrete pavement;
 - (4) 500 sq. ft. brick pavement on concrete base, including brick gutters;
 - (5) 100 sq. ft. asphaltic concrete, 3½-in. and 1½-in. wearing surface;
 - (6) 400 sq. ft. basalt blocks on concrete base;
 - (7) 5,000 sq. ft. basalt rock on sand;
 - (8) 47,000 sq. ft. sidewalk, all types;
 - (9) 1,000 sq. ft. 2-in. sheet asphalt wearing surface only;
 - (10) 100 sq. ft. 6-in. class F concrete base only;
 - (11) 60,000 sq. ft. asphaltic concrete, 6-in. base with a 1½-in. wearing surface;
 - (12) 100 sq. ft. asphaltic concrete, 8-in. base with a 1½-in. binder course and a 1½-in. wearing surface;
 - (13) oiled macadam:
 - (a) 100 sq. ft. 4-in. base;
 - (b) 2,500 sq. ft. 8-in. base;
 - (14) 30,000 sq. ft. 6-in. macadam sub-base.
- Total bids follow:
- (A) Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, \$37,185.00.
- (B) Lowrie Paving Co., \$37,542.00.
- (C) Chas. L. Harney, \$51,228.00.
- Unit prices follow:
- | | (A) | (B) | (C) |
|-------|------|------|------|
| (1) | \$25 | \$28 | \$33 |
| (2) | .60 | .48 | .60 |
| (3) | .20 | .20 | .28 |
| (4) | .70 | .50 | .70 |
| (5) | .25 | .20 | .30 |
| (6) | .25 | .26 | .70 |
| (7) | .05 | .06 | .20 |
| (8) | .19 | .20 | .30 |
| (9) | .16 | .10 | .20 |
| (10) | .20 | .18 | .20 |
| (11) | .25 | .26 | .32 |
| (12) | .60 | .48 | .60 |
| (13a) | .05 | .04 | .08 |
| (13b) | .05 | .06 | .12 |
| (14) | .06 | .03 | .06 |

CONTRACT AWARDED

TRINITY COUNTY, Calif.—Young & Son Co., Ltd., 599 Colusa Avenue, Berkeley, at \$87,874 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 4.1 miles grading and surfacing with road-mix surfacing and penetration oil treatment at various locations between Big Bar and Junction City, Trinity County. * 29

CONTRACT AWARDED

SHASTA COUNTY, Calif.—C. W. Caletti & Co., P. O. Box 243, San Rafael, at \$86,095 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 7.7 miles grading and surfacing with crusher run base and salvaged surfacing base and constructing a reinforced concrete box culvert, at 0.8 mile east of Bella Vista and between Seaman's Gulch and 6.3 miles east of Ingot, Shasta County.

COMPLETE BIDS

STATE OF OREGON.—Bids were opened and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for bridge and highway construction, as follows:

CLACKAMAS CO.: Carver - Redland Store Section of Carver-Redland County Road, Federal Aid Secondary Project No. FAS 24-A; 2.32 miles grading, surfacing and dilling. Requires approximately 8,000 cu. y. of excavation; 3,500 cu. y. crushed rock, and 35,000 sq. yds. oil mat surface treatment.

Awarded: Fisher Brothers, Oregon City, \$30,145.

Other bidders: Babler Bros., Portland, \$31,722 (tar); Eawin C. Gerber, Oregon City, \$31,825 (road oil); O. C. Youm, Portland, \$33,605 (tar); Kuckenberg Const. Co., Portland, \$35,710 (tar); Saxton, Looney & Risley, Oak Grove, \$35,054 (tar).

CLATSOP COUNTY: Bridge over South Fork Rock Creek approx. ten miles westerly from Sunset Camp on Wolf Creek Highway, Federal Aid Project No. 181-H. Construct 120 ft. reinforced concrete bridge requiring approx. 170 cu. y. excavation; 220 cu. y. concrete; 46,000 lbs. metal reinforcement; and 260 lf. concrete handrail.

Awarded: Snook Brothers, Eugene, \$8,290.

Other bidders: F. J. Johnston, Newberg, \$8700; Birkemeier & Saremal, Milwaukie, \$8775; Makela Const. Co., Astoria, \$9870.

DOUGLAS COUNTY: Dixonville Section of North Umpqua County Road, Federal Aid Secondary Proj. No. FAS 14-A; 2.20 miles of grading and surfacing. Requires approx. 40,000 cu. y. excavation; 33 cu. y. concrete; 5,000 lbs. metal reinf.; 9,600 cu. y. of gravel topping; and 3,000 cu. y. crushed gravel.

Low Bidder: Harold Blake, 400 N. Thompson, Portland, \$29,426; referred to engineer.

Other bidders: Leonard & Slate, Multnomah, \$32,475; D. L. Ashton, Lebanon, \$35,292; F. C. Dillard, Medford, \$35,378; A. S. Wallace, Roseburg, \$35,413; E. C. Hall Co., Eugene, \$39,924; C. A. Dunn, Klamath Falls, \$44,614.

MULTNOMAH CO.: Lombard St-Killingsworth St. Section of Northwest Portland Secondary Highway, State Project; 3.9 miles grading, and 4.9 mile surfacing and oiling. Requires approx. 90,000 cu. y. excavation; 230 lf. concrete curb; 280 sq. yds. of concrete sidewalk; 1,200 lf. cable guard fence; 3,800 cu. y. rock or gravel materials in base and surfacing; and 4,700 sq. yds. oil mat surface treatment.

Awarded: Roy L. Houck, U. S. Bank Bldg., Salem, \$31,532.

Other bidders: Harold Blake, Portland, \$32,812; Oregon Contr. Co., \$34,542; Kern & Kibbe, Portland, \$36,584; Edlefsen - Weygant, Portland, \$36,584; Jacobsen-Jensen, Portland, \$41,120; E. C. Hall Co., Eugene, \$43,125; Parker - Schram Co., Portland, \$49,442; Leonard Slate, Multnomah, \$44,665; J. A. Lyons, Portland, \$47,875; A. C. Greenwood, Inc., Portland, \$50,312.

MULTNOMAH CO.: Reconstruction of Northeast 33rd Ave. Overcrossing at Columbia Blvd. in Portland. State Project. Requires approx. 430 cu. y. of excavation; 345 cu. y. concrete; 29,000 lbs. metal reinf.; 84,000 lbs. structural steel, and 115 lf. concrete handrail.

Awarded: Birkemeier & Saremal, Milwaukie, \$17,665.

Other bidders: Geo. Isackson Co., Portland, \$17,895; Clifford A. Dunn, Klamath Falls, \$17,980; Averill and Corbin, Portland, \$18,191; Lindstrom & Kibbe, Portland, \$18,835; Kern and

CALAVERAS COUNTY—SURFACING—(State)

CALAVERAS CO., Cal.—Piazza & Huntley, 194 N. 6th St., San Jose, at \$54,071.90, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.9 mi. surfacing with gravel and plant-mix surfacing between 2.5 miles east of Valley Springs and San Andreas, Calaveras Co., Cal.

Work involves:

- (1) 1,700 M. gala. water;
- (2) 500 cu. y. roadway excav., without classification;
- (3) 150 cu. y. struc. excav.;
- (4) 15,400 cu. y. import gravel;
- (5) 910 sta. finish roadway;
- (6) 13,000 tons min. aggreg. plant-mix surf.;
- (7) 650 tons liq. asph., ROMC-3 or 5 (plant-mix surf.);
- (8) 90 tons liq. asph., SC-2 (prime coat);
- (9) 75 tons asph. emulsion (seal coat);

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$1.50	\$1.25	\$1.20	\$1.00	\$1.25	\$1.50	\$1.50	\$1.50
(2).....	.35	.70	1.00	.60	.50	.80	.80	.80
(3).....	1.00	1.50	1.25	1.00	3.00	2.00	1.50	2.50
(4).....	.75	.70	.76	1.00	.80	1.00	1.20	1.10
(5).....	5.00	5.00	3.00	6.00	7.00	5.00	5.00	4.00
(6).....	1.80	2.25	2.50	2.10	2.30	2.40	2.55	2.68
(7).....	12.50	11.00	14.00	15.00	15.00	16.00	13.00	14.50
(8).....	12.50	12.00	12.50	13.00	13.00	15.00	14.00	20.00
(9).....	20.00	20.00	20.00	20.00	20.00	25.00	20.00	25.00
(10).....	3.50	2.50	3.15	3.50	2.50	2.50	3.50	4.00
(11).....	.10	20.00	.10	.30	.10	.20	.10	.10
(12).....	20.00	22.00	20.00	28.00	35.00	35.00	20.00	20.00
(13).....	1.00	1.00	1.20	1.00	1.20	1.50	1.25	1.20
(14).....	1.90	2.00	2.20	2.00	2.20	2.00	2.00	2.50
(15).....	13.00	14.00	15.00	15.00	15.00	20.00	15.00	17.50

Kibbe, Portland, \$20,965; Shattuck & Neland, Portland, \$22,977.

POLK COUNTY: Wiggish - Buena Vista Section of Independence-Buena Vista County Road, Federal Aid Secondary Project No. FAS 13-A; 3.31 mi. surfacing and oiling; and drainage improvement. Requires approx. 550 cu. y. excavation; 6,300 cu. y. rock or gravel materials in surfacing, and 35,000 sq. yds. oil mat surface treatment.

Low Bidder: J. C. Compton, McMinnville, 13,211; tar; referred to engineer.

Other bidders: McNutt Bros., Eugene, \$13,578 (road oil), \$13,741 (tar); Edwin C. Gerber, Oregon City, \$13,934 (road oil); Harold Blake, Portland, \$15,734 (tar).

TILLAMOOK CO.: Tone Bridge over Trask River on Market Road No. 15. Construct 110-ft. steel span and 180 lf. pile trestle approaches. Requires approx. 135 cu. y. excavation; 800 lf. fir piling; 1,600 lf. cedar piling; 205 cu. y. concrete; 25,000 pounds metal reinforcement; 120,000 pounds structural steel; 180 lf. trestle superstructure, and 6 MMB lumber. The bids for this project will be received for and in behalf of and will be considered by the County Court of Tillamook County.

Low Bidder: Dolan Const. Co., Tillamook, \$9,777; referred to engineer.

Other bidders: Sig Ash, \$20,195; Tom Lillebo, Reedsport, \$20,780; J. F. Johnston, Newberg, \$21,523; J. W. and J. R. Hillstrom, Marshfield, \$21,889; Makela Const. Co., Astoria, \$24,910; Gilpin Const. Co., Portland, \$25,873.

WASHINGTON COUNTY: Hillsboro-Airport Road Section of Hillsboro-Cornelius Pass County Road, Federal Aid Secondary Project No. FAS 8-A; 1.17 miles surfacing and oiling. Requires approx. 3,900 cu. y. of crushed rock, and 12,600 sq. yds. oil mat surface treatment.

- (10) 690 tons screen (seal coat);
- (11) 25 lbs. bar reinf. steel;
- (12) 46 cu. y. class A Portland cement concrete strucs.;
- (13) 262 lf. 8-in. CMP;
- (14) 46 lf. 18-in. CMP;
- (15) 20 each, spillway assemblies.

Total bids follow:

- (A) Piazza & Huntley, 195 N. 6th St., San Jose—\$54,071.90.
- (B) Claude C. Wood, Stockton—\$57,386.00.
- (C) Lee J. Immel, Berkeley—\$63,398.20.
- (D) Pacific States Constr. Co., San Francisco—\$63,489.50.
- (E) Hanrahan Co., Redwood City—\$63,688.10.
- (F) Union Paving Co., San Francisco—\$69,250.
- (G) Independent Constr. Co., Ltd., Oakland—\$71,622.00.
- (H) Mountain Constr. Co., Sacramento—\$73,906.90.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$1.50	\$1.25	\$1.20	\$1.00	\$1.25	\$1.50	\$1.50	\$1.50
(2).....	.35	.70	1.00	.60	.50	.80	.80	.80
(3).....	1.00	1.50	1.25	1.00	3.00	2.00	1.50	2.50
(4).....	.75	.70	.76	1.00	.80	1.00	1.20	1.10
(5).....	5.00	5.00	3.00	6.00	7.00	5.00	5.00	4.00
(6).....	1.80	2.25	2.50	2.10	2.30	2.40	2.55	2.68
(7).....	12.50	11.00	14.00	15.00	15.00	16.00	13.00	14.50
(8).....	12.50	12.00	12.50	13.00	13.00	15.00	14.00	20.00
(9).....	20.00	20.00	20.00	20.00	20.00	25.00	20.00	25.00
(10).....	3.50	2.50	3.15	3.50	2.50	2.50	3.50	4.00
(11).....	.10	20.00	.10	.30	.10	.20	.10	.10
(12).....	20.00	22.00	20.00	28.00	35.00	35.00	20.00	20.00
(13).....	1.00	1.00	1.20	1.00	1.20	1.50	1.25	1.20
(14).....	1.90	2.00	2.20	2.00	2.20	2.00	2.00	2.50
(15).....	13.00	14.00	15.00	15.00	15.00	20.00	15.00	17.50

Awarded: Saxton, Looney & Risley, Oak Grove, Ore., \$12,131.

Other bidder: Warren - Northwest, Inc., Box 5072, Portland, \$13,672 (tar).

BIDS OPENED

VALLEJO, Solano Co., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$20,366.06, submitted low bid and was recommended for award by the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for the improvement of Fourth Street and Fourth Street Extension, from Maryland St. to Bennett Ave.

Work involves:

- (1) 1,794 cu. y. grade excav.;
- (2) 296 cu. y. borrow embankment;
- (3) 91,085 sq. ft. salvag. rock base;
- (4) 93 tons crusher run base (surry mix);
- (5) 96,032 sq. ft. 4-in. AC base;
- (6) 101,232 sq. ft. 2-in. AC top;
- (7) 37 cu. y. Portland cement concrete curb and gutter;
- (8) 2 catchbasins, type B;
- (9) 624 lf. curb armor;
- (10) 40 lf. 10-in. pipe drain;
- (11) 28 lf. 15-in. pipe drain;
- (12) 144 lf. 12-in. CMP culvert.

Total bids follow:

- (A) Union Paving Co., 212 Babcock Bldg., San Francisco—\$20,366.06.
- (B) A. G. Ralsch, S. F.—\$20,782.28.
- (C) Chas. L. Harney, S. F.—\$24,261.58.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 0.45	\$ 0.40	\$ 0.45
(2).....	.50	.80	.95
(3).....	.02	.01	.015
(4).....	2.50	2.65	3.10
(5).....	.305	.107	.142
(6).....	.06	.07	.085
(7).....	14.00	14.00	17.00
(8).....	100.00	135.00	75.00
(9).....	.17	.13	.17
(10).....	1.50	1.60	1.10
(11).....	2.00	1.80	2.00
(12).....	1.80	2.30	2.20

YUBA COUNTY—Bridge Constr. & Grading—(State)

YUBA CO., Cal.—Valley Constr. Co., 47 W. Santa Clara Ave., San Jose, at \$49,734, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge and about 0.2 ml. of roadbed to be graded and seal coat applied at Dry Creek, about 13 miles east of Marysville, Yuba Co., Cal.

Work involves:

- (1) 1 lot clear and grub;
- (2) 160 M. gals. water;
- (3) 5,300 c.y. roadway excav. without classification;
- (4) 5,400 sta. yds. overhaul;
- (5) 1,700 c.y. struc. excav.;
- (6) 1,930 c.y. import borrow;
- (7) 10 sta. finish roadway;
- (8) 2.5 tons liq. asph., SC-2 (prime coat);
- (9) 10 c.y. sand (prime coat);
- (10) 3 tons liq. asph., 90-95 (seal coat);
- (11) 25 c.y. screenings (seal coat);
- (12) 240,000 lbs. bar reinf. steel;
- (13) 13 c.y. class A Portland cement concrete footing blocks;
- (14) 1,270 c.y. class A Portland ce-

- ment concrete strucs.;
- (15) 22 c.y. class A Portland cement concrete railing;
- (16) 3,500 lbs. misc. iron and steel;
- (17) 90 c.y. class A Portland cement concrete slope pave. and cutoff walls;
- (18) 35 c.y. rock slope protection;
- (19) 28 lf. 18-in. CMP;
- (20) 120 lf. laminated guard railing;
- (21) 6 each, guide posts;
- (22) 2 each, monuments;
- (23) Removing existing bridge;
- (24) 1 lot misc. items of work.

Total bids follow:

- (A) Valley Constr. Co., 47 W. Santa Clara Ave., San Jose—\$49,734.
- (B) Hemstreet & Bell, Marysville—\$50,681.
- (C) Campbell Constr. Co., Sacramento—\$53,606.50.
- (D) C. W. Caletti Co., San Rafael—\$55,081.50.
- (E) Holdener Constr. Co., Sacramento—\$56,273.
- (F) J. S. Metzger & Son, Los Angeles—\$56,850.
- (G) J. M. Walker, Berkeley—\$61,959.75.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	600.00	1000.00	622.00	390.00	700.00	450.00	200.00
(2).....	1.25	1.50	2.50	1.30	1.40	2.00	2.00
(3).....	.35	.30	.40	.50	.30	.30	.40
(4).....	.02	.01	.02	.01	.01	.01	.02
(5).....	1.25	2.00	2.00	2.85	2.75	2.50	4.00
(6).....	40	40	75	70	75	50	90
(7).....	10.00	5.00	12.00	10.00	5.50	8.00	10.00
(8).....	.045	.0475	.044	.047	.0475	.05	.051
(9).....	20.00	18.00	23.00	30.00	20.00	30.00	17.00
(10).....	4.00	3.00	3.50	4.00	4.50	3.00	3.00
(11).....	20.00	25.00	25.00	30.00	26.00	30.00	20.00
(12).....	4.00	4.00	4.50	4.00	4.50	3.00	4.00
(13).....	17.00	17.00	14.00	16.00	17.00	13.00	12.00
(14).....	20.00	19.00	21.00	19.75	22.00	23.00	23.00
(15).....	50.00	50.00	72.00	50.00	60.00	60.00	55.00
(16).....	.12	.20	.15	.14	.17	.20	.18
(17).....	16.00	15.00	15.00	16.00	18.00	15.00	20.00
(18).....	8.00	5.00	9.00	12.00	10.00	10.00	5.75
(19).....	2.00	2.00	3.50	2.50	2.00	3.00	3.00
(20).....	3.00	1.20	2.40	1.25	1.75	2.00	1.60
(21).....	3.00	2.50	4.50	3.00	5.00	3.00	4.00
(22).....	3.00	3.00	7.50	5.00	10.00	5.00	4.00
(23).....	700.00	1200.00	612.00	500.00	550.00	1200.00	1010.00
(24).....	500.00	600.00	1040.00	2300.00	700.00	500.00	2000.00

FORT MASON—TANK FILTERS—(Govt.)

FORT MASON, Calif.—Fred J. Easly, Jr., 369 Pine St., San Francisco, at \$5,373, submitted low bid to Col. H. E. Pitz, Q.M.C., Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. W 6616-38-20, for the installation of concrete tank filters to replace the wooden tank filters in pumping station at Presidio of San Francisco.

Work Involves:

- (1) furnish all materials and perform all labor necessary to replace two wooden tank filters with conc. tank filters, including all pipe work fittings and equipment;
- (2) deduct if loss of head gauges are omitted;
- (3) deduct if recording gauge to record the rate of flow through filters is omitted;
- (4) Unit prices:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$5,373.00	\$6,150.00	\$6,200.00	\$6,231.00	\$6,446.00	\$7,596.00	\$9,300.00
(2).....	240.00	674.00*	600.00	600.00*	300.00	1,100.00	800.00
(3).....	550.00	.....	600.00	.....	400.00	1,200.00	.....
(4a).....	35.00	30.00	28.00	25.00	30.00	35.00	30.00
(b).....	140.00	100.00	120.00	100.00	120.00	130.00	120.00
(c).....	7.50	15.00	3.43	3.90	3.00	7.50	8.00
(d).....	7.50	12.00	3.04	3.04	2.25	6.25	7.00
(e).....	4.50	9.00	1.96	1.96	1.25	4.00	5.50
(f).....	2.50	7.00	1.16	1.16	1.00	2.40	4.00
(g).....	.35	1.00	.80	.80	.12	.25	.15

* Combined bid on Alternates 2 and 3.

- (a) concrete, incl. forms, per cu. yard;
- (b) reinforcing steel, per ton;
- (c) 10-in. E.H. G.I. steel pipe, per lin. ft.;
- (d) 8-inch do.;
- (e) 6-inch do.;
- (f) 4-inch do.;
- (g) fittings, including flanges and bolts, per lb.

Total bids follow:

- (A) Fred J. Easly, Jr., 369 Pine St., San Francisco—\$5,373.
- (B) Albert E. Mangs & Associates—\$6,150.
- (C) Love & Haun—\$6,200.
- (D) Frank J. Reilly Co.—\$6,231.
- (E) W. J. Tobin, Oakland—\$6,446.
- (F) Ajax Constr. Co., S. F.—\$7,596.
- (G) Underground Constr. Co., Oakland—\$9,300.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$5,373.00	\$6,150.00	\$6,200.00	\$6,231.00	\$6,446.00	\$7,596.00	\$9,300.00
(2).....	240.00	674.00*	600.00	600.00*	300.00	1,100.00	800.00
(3).....	550.00	.....	600.00	.....	400.00	1,200.00	.....
(4a).....	35.00	30.00	28.00	25.00	30.00	35.00	30.00
(b).....	140.00	100.00	120.00	100.00	120.00	130.00	120.00
(c).....	7.50	15.00	3.43	3.90	3.00	7.50	8.00
(d).....	7.50	12.00	3.04	3.04	2.25	6.25	7.00
(e).....	4.50	9.00	1.96	1.96	1.25	4.00	5.50
(f).....	2.50	7.00	1.16	1.16	1.00	2.40	4.00
(g).....	.35	1.00	.80	.80	.12	.25	.15

* 19

3. Clatsop County, Ore.

- Work involves:
- (1) 194,610 c.y. levee embankment, in place;
 - (2) 1,892 c.y. removal of objectionable material;
 - (3) 7,931 c.y. excavation for drainage ditches;
 - (4) 6,543 c.y. do. for tide boxes;
 - (5) 4,151 c.y. struc. excav. for tide boxes;
 - (6) 9,228 c.y. backfill for tide boxes, in place;
 - (7) 15.6 MFBM treated lumber, in place;
 - (8) 0.18 MFBM untreated lumber, in place;
 - (9) 60.68 MFBM treated tongue and groove sheet piling, in place;
 - (10) 2.16 MFBM untreated tongue & groove sheet piling, in place;
 - (11) 1,664 lf. treated round piling, in place;
 - (12) 1,204 lf. untreated round piling, in place;
 - (13) 180 lf. continuous wood stave pile, 18-in. dia., in place;
 - (14) 138-lf. do. 30-in. do.;
 - (15) 126 lf. do. 36-in. do.;
 - (16) 40 lf. do. 42-in. do.;
 - (17) 46 lf. do. 48-in. do.;
 - (18) 88 lf. do. 54-in. do.;
 - (19) 46 lf. do. 60-in. do.;
 - (20) 40 lf. do. 66-in. do.;
 - (21) 256 c.y. reinf. concrete;
 - (22) 3 each, circular automatic drainage gate, 18-in. dia., in place;
 - (23) 3 each, do. 30-in. do.;
 - (24) 2 each, do. 36-in. do.;
 - (25) 1 each, do. 42-in. do.;
 - (26) 1 circular do. 48-in. do.;
 - (27) 2 each, do. 54-in. do.;
 - (28) 1 do. 60-in. do.;
 - (29) 1 do. 66-in. do.;
 - (30) 7 each, square automatic drainage gates, in place;
 - (31) 4,800 lf. untreated round piling for pile bulkheads, in place;
 - (32) 8.65 MFBM waling for pile bulkheads, in place;
 - (33) 2,800 lf. cable and fastenings for pile bulkhead, in place;
 - (34) 3,813 c.y. riprap, in place;
 - (35) 3,600 lf. driving steel sheet piling.

Total bids follow:

- (A) The Gilpin Const. Co., Portland, \$171,756.85.
- (B) The Dolan Const. Co. and O. K. Tittle, Tillamook, \$177,425.75.
- (C) Contracting Officer's estimate, \$154,065.76.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$.49	\$.40	\$.3875
(2).....	1.00	.25	1.40
(3).....	.50	.25	.49
(4).....	1.25	1.00	.62
(5).....	2.10	2.00	1.11
(6).....	.50	2.00	.65
(7).....	100.00	150.00	160.00
(8).....	100.00	100.00	125.00
(9).....	130.00	200.00	169.00
(10).....	175.00	150.00	147.00
(11).....	.84	1.50	1.49
(12).....	.51	1.25	1.05
(13).....	3.00	3.00	4.06
(14).....	7.00	6.00	6.95
(15).....	8.00	7.00	9.28
(16).....	10.00	8.00	10.50
(17).....	12.00	10.00	12.25
(18).....	15.00	15.00	15.07
(19).....	17.00	20.00	16.44
(20).....	19.00	20.00	20.71
(21).....	40.00	50.00	42.91
(22).....	70.00	75.00	63.00
(23).....	100.00	125.00	131.00
(24).....	160.00	175.00	162.00
(25).....	200.00	200.00	231.00
(26).....	220.00	250.00	284.00
(27).....	285.00	250.00	314.00
(28).....	315.00	300.00	352.00
(29).....	360.00	325.00	395.00
(30).....	385.00	300.00	365.00
(31).....	.41	75	.61
(32).....	70.00	100.00	89.40
(33).....	.50	.50	.39
(34).....	3.30	3.00	3.59
(35).....	.20	.50	.13

CONTRACT AWARDED

COLORADO RIVER PROJECT.—Rohli-Connelly Co., 4351 Valley Blvd., Los Angeles, at \$1,890,407, awarded contract by the U. S. Indian Irrigation Service, Los Angeles, for the construction of a diversion dam for the Colorado River at Head Gate Rock, approximately 1 mile above Parker, Ariz., the Colorado River Project.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—V C K Construction Co., 5629 Via Corona, Los Angeles, at \$6,015 awarded contract by the State Division of Highways, Sacramento, for constructing sewers between Arroyo Drive and Meridian Ave. in South Pasadena.

BIDS WANTED

SAN FRANCISCO.—Until June 22, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for replacing 15-inch V.C.P. sewer with 21-inch V.C.P. sewer in portion of block of Douglas Street between 18th Street and Caselli Avenue.

Plans and specifications may be obtained from John J. Casey, City

COLUMBIA COUNTY, ORE.—PUMPING PLANT—(Govt.)

COLUMBIA CO., Ore.—Odom Construction Co., Oregon City, Ore., at \$68,970.60, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pitcock Block, Portland, Oregon, under Bid No. 698-35-566, for construction of five pumping plants, complete and ready for operation, all situated in Columbia County, within a radius of 6 miles from the City of Clatskanie, Ore.

Work involves:

BEAVER DISTRICT

- (1) 241 c.y. canal excav.;
 - (2) 456 c.y. common excav.;
 - (3) 350 c.y. struc. excav.;
 - (4) 494 c.y. backfill.;
 - (5) 56 c.y. riprap.;
 - (6) 1,132 l.f. treated round piling.;
 - (7) 38 MFBM treated lumber.;
 - (8) 35 c.y. reinf. concrete.;
 - (a) cement furnished by contractor.;
 - (9) 2 each, flap valves, 36-in. I. D.;
 - (10) 34,900 lbs. pumping unit discharge pipe.;
 - (11) 2 pumping units and electrical control.;
 - (12) 1 pumping plant superstructure.
- MAGRUDER DISTRICT**
- (13) 155 c.y. canal excav.;
 - (14) 266 c.y. common excav.;
 - (15) 477 c.y. struc. excav.;
 - (16) 276 c.y. backfill.;
 - (17) 93 c.y. riprap.;
 - (18) 380 l.f. treated round piling.;
 - (19) 17 MFBM treated lumber.;
 - (20) 17 c.y. reinf. concrete.;
 - (a) cement furnished by contractor.;

- (21) 1 unit, flap valve, 24-in. I. D.;
 - (22) 9,660 lbs. of pumping unit discharge pipe.;
 - (23) 1 pumping unit and electrical control.;
 - (24) 1 pumping plant superstructure.
- MARSHLAND DISTRICT**
- (25) 7 c.y. canal excav.;
 - (26) 187 c.y. common excav.;
 - (27) no struc. excav.;
 - (28) 152 c.y. backfill.;
 - (29) 15 c.y. riprap.;
 - (30) 602 l.f. treated round piling.;
 - (31) 2.26 MFBM treated lumber.;
 - (32) 3 c.y. reinf. concrete.;
 - (a) cement furnished by contractor.;
 - (33) 1 unit automatic drainage gate, 30-in. O.D.;
 - (34) 8,863 lbs. pumping unit discharge pipe.;
 - (35) 1 pumping unit and electrical control.;
 - (36) 1 pumping plant superstructure.
- WEBB DISTRICT**
- (37) 283 c.y. canal excav.;
 - (38) 65 c.y. common excav.;
 - (39) 12 c.y. struc. excav.;
 - (40) 578 c.y. backfill.;
 - (41) 50 c.y. riprap.;
 - (42) 580 l.f. treated round piling.;
 - (43) 18.5 MFBM treated lumber.;
 - (44) 17 c.y. reinf. concrete.;
 - (a) cement furnished by contractor.;
 - (45) 1 unit, flap valve, 24-in. I. D.;
 - (46) 8,540 lbs. of pumping unit discharge pipe.;
 - (47) one pumping unit and electrical control.;

- (48) 1 pumping plant superstructure.
- WESTLAND DISTRICT**
- (49) 392 c.y. canal excav.;
 - (50) 180 c.y. common excav.;
 - (51) 284 c.y. struc. excav.;
 - (52) 90 c.y. backfill.;
 - (53) 75 c.y. riprap.;
 - (54) 656 l.f. treated round piling.;
 - (55) 22 MFBM treated lumber.;
 - (56) 20 c.y. reinf. concrete.;
 - (a) cement furn. by contractor.;
 - (57) 1 unit, flap valve, 36-in. I. D.;
 - (58) 19,120 lbs. of pumping unit discharge pipe.;
 - (59) one pumping unit and electrical control.;
 - (60) 1 pumping plant superstructure.

Total bids follow:

- (A) Odom Constr. Co., Oregon City*—\$68,970.60.
- (B) Kuckenberg Constr. Co., Portland—\$73,236.56.
- (C) Gilpin Constr. Co., Portland—\$79,688.15.
- (D) Kern & Kibbe, Portland—\$79,755.68.
- (E) NePage & cKenny Co., Seattle, Wash.—\$81,858.30.
- (F) J. S. Risley, Oak Grove, Ore.—\$86,580.96.
- (G) Gates & Huntley, Los Angeles, Cal.—\$88,282.79.
- (H) Parker-Stram Co., Portland—\$91,050.58.
- (I) Lidalr Constr. Co., Seattle**—\$96,320.86.
- (J) Contracting officer's estimate—\$76,372.54.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$ 1.50	\$ 1.50	\$ 1.50	\$ 3.60	\$ 1.50	\$ 1.30	\$ 1.00	\$ 4.00	\$ 7.00	\$ 0.74
(2).....	1.00	2.50	.75	3.60	1.50	.50	1.00	4.00	2.00	.65
(3).....	1.50	2.50	3.00	3.60	8.00	10.00	1.00	4.00	4.25	1.82
(4).....	.60	.30	.75	.25	1.00	.50	.70	1.75	1.00	.40
(5).....	5.00	4.00	4.00	6.00	10.00	8.50	4.00	4.50	7.50	4.26
(6).....	1.20	1.25	2.35	1.60	1.00	2.50	1.25	1.00	1.00	1.51
(7).....	1.15	100.00	120.00	135.00	100.00	130.00	210.00	125.00	135.00	136.88
(8).....	26.00	45.00	35.00	40.00	40.00	28.00	32.00	45.00	38.00	32.07
(9).....	605.00	600.00	700.00	750.00	600.00	800.00	600.00	600.00	800.00	711.57
(10).....	.10	.10	.10	.0952	.10	.12	.13	.11	.12	.08
(11).....	5857.00	6260.20	6000.00	5825.00	6512.00	6188.00	7000.00	6000.00	7500.00	6706.89
(12).....	730.00	850.00	1100.00	950.00	600.00	1400.00	1000.00	1400.00	1200.00	1025.45
BEAVER DISTRICT										
(13).....	1.00	3.25	1.50	1.35	1.50	2.00	1.00	4.00	10.00	.60
(14).....	1.00	.50	.75	1.35	1.50	.50	1.00	4.00	2.00	.70
(15).....	1.00	2.00	3.00	1.35	3.00	2.00	1.00	4.00	4.00	1.56
(16).....	.50	.75	.40	1.00	.60	.70	.70	1.75	1.00	.53
(17).....	5.00	4.00	4.00	6.50	10.00	8.50	4.00	4.50	7.50	4.56
(18).....	1.20	1.10	2.35	1.75	1.00	2.50	1.25	1.00	1.00	1.84
(19).....	115.00	105.00	120.00	130.00	100.00	140.00	210.00	125.00	135.00	141.28
(20).....	26.00	45.00	35.00	41.00	40.00	30.00	32.00	45.00	38.00	37.86
(21).....	490.00	500.00	500.00	705.00	500.00	700.00	470.00	600.00	625.00	616.08
(22).....	.10	.12	.10	.1394	.10	.12	.13	.11	.12	.13
(23).....	4674.00	4430.00	4700.00	4484.00	5012.00	5124.00	5800.00	6000.00	5800.00	4889.69
(24).....	610.00	667.00	1000.00	800.00	400.00	800.00	800.00	1000.00	800.00	542.43
MAGRUDER DISTRICT										
(25).....	1.00	10.00	5.00	1.75	1.50	20.00	10.00	6.00	15.00	2.46
(26).....	1.00	1.50	1.00	1.75	1.50	.70	2.00	4.00	2.00	.88
(27).....	.50	.30	1.00	.80	1.50	.70	.70	1.75	1.00	.60
(28).....	5.00	4.00	5.00	6.50	10.00	8.50	4.00	4.50	7.50	6.40
(29).....	1.20	1.20	2.75	1.75	1.00	2.50	1.25	1.00	1.00	1.74
(30).....	115.00	150.00	200.00	330.00	100.00	200.00	210.00	125.00	135.00	224.91
(31).....	40.00	50.00	35.00	44.00	40.00	60.00	50.00	50.00	40.00	25.43
(32).....	140.00	100.00	200.00	160.00	100.00	300.00	75.00	110.00	125.00	65.24
(33).....	.10	.12	.10	.1143	.10	.12	.13	.11	.12	.14
(34).....	4251.00	4250.00	4100.00	4225.00	5312.00	4623.00	6100.00	5500.00	5800.00	4336.01
(35).....	580.00	525.00	1000.00	650.00	300.00	500.00	400.00	900.00	500.00	286.86

WEBB DISTRICT

Table with 11 columns and 14 rows of bid amounts for Webb District projects.

WESTLAND DISTRICT

Table with 11 columns and 14 rows of bid amounts for Westland District projects.

* Add \$2,850 for Kimball-Krogh Pump.

** Deduct \$2,500 for Fairbanks-Morse Equipment.

SANTA BARBARA COUNTY—GRADING & SURFACING—(State)

SANTA BARBARA COUNTY, Cal. —Macco Construction Co., 815 Paramount Blvd., Clearwater, at \$61,264-55 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3 miles grading, surfacing with imported borrow and applying road-mix surface treatment between Los Olivos and Zaca, Santa Barbara Co. Work involves: (1) 158 sta. clear and grub; (2) 550 M. gals. water; (3) 103,000 c.y. dryw. excav., unclass.; (4) 3,600 c.y. ditch and channel excavation; (5) 1,900 c.y. struc. excav.; (6) 146,000 sta. yds. overhaul; (7) 18,900 c.y. imported borrow; (8) 200 c.y. remove concrete; (9) 158 sta. finish roadway; (10) 40,500 sq. yds. prepaving, mixing and shaping roadbed; (11) 40 tons liq. asph., SC-2 (prime coat); (12) 415 tons liq. asph., SC-4 (road-mix);

- (13) 100 tons liq. asph., SC-2 (penetration oiling); (14) 345 c.y. Class A Portland cement concrete struc.; (15) 29,700 lbs. bar reinf. steel; (16) 1 each, cast steel frame and cover; (17) 200 lf. 8-inch CMP; (18) 1,168 lf. 18-inch CMP; (19) 306 lf. 24-inch CMP; (20) 75 lf. 30-inch CMP; (21) 138 lf. 36-inch CMP; (22) 303 lf. existing pipe culvert removed, cleaned and salvaged; (23) 175 lf. exist. pipe culverts, removed, cleaned and relaid; (24) 18 each, spillway assemblies; (25) 5,000 lf. laminated guard railing; (26) 420 lf. move & reset guard rail; (27) 44 each, culvert markers; (28) 70 each, guide posts; (29) 5.5 Miles new property fence; (30) 16 each, drive gates; (31) 4 each, walk gates; (32) 69 each, monuments. Total bids follow: (A) Macco Const. Co., 815 Paramount

- Bldg., Clearwater, \$61,264.55. (B) M. J. Ruddy, Modesto, \$62,934.40. (C) J. E. Haddock and Crow Bros. Const. Co., Pasadena, \$55,575.02. (D) A. S. Vinnet Co., Alhambra, \$65,692.65. (E) Basich Brothers, Torrance, \$67,078.50. (F) W. M. Ball Sons, Berkeley, \$67,592.00. (G) Geo. K. Thompson Co., Los Angeles, \$68,723.50. (H) Oswald Bros., Los Angeles, \$69,116.15. (I) Gibbons Rced Co., Burbank, \$71,950.60. (J) Guerin Bros., San Francisco, \$61,613.00. (K) C. R. Butterfield and Kennedy Co., San Pedro, \$73,856.00. (L) United Concrete Pipe Corp., Los Angeles, \$74,636.40. (M) Dimmitt & Taylor, Los Angeles, \$80,899.30. (N) C. O. Sparks and Munce Engr. Co., Los Angeles, \$90,176.50.

Unit prices follow:

Table with 14 columns (A-N) and 32 rows of unit prices for various construction materials and services.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until June 22, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing 50 cylinders of oxygen and 25 cylinders acetylene; fob Rio Vista, for period July 1, 1938 and Sept. 30, 1938.

FORT MASON, Cal.—Until June 24, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

10:00 A. M.
 BID NO. 928-38-411—Belting, handles, gasoline torches and pipe wrenches; f.o.b. Dock No. 3, Ft. Mason.

1:30 P. M.
 BID NO. 928-38-414 — 80,000 paper bags; f.o.b. Medford, Ore.

2:00 P. M.
 BID NO. 928-38-415—Douglas fir lumber; f.o.b. Fort Mason, Cal.

3:00 P. M.
 BID NO. 928-38-416—Wiping cloths and mops; f.o.b. Fort Mason.

FORT MASON, Cal.—Until June 24, 10:00 a.m., bids will be received by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM W-6616-38-24, for furnishing Pine, Redwood, Spruce, Cypress and Douglas Fir lumber; f.o.b. shipper's point and/or Presidio of San Francisco, Calif. *

SACRAMENTO, Cal.—Until June 28, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-301, for furnishing Douglas Fir lumber; f.o.b. railroad cars at bidder's selection and/or Rio Vista, Cal.

FORT MASON, Cal.—Until June 22, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, San Francisco, under Bid No. 928-38-403, for furnishing rubber-insulated cable, transformers, splicing boxes, circuit-breakers, meters, junction boxes, outlet boxes, conduit and fittings; f.o.b. Dock No. 2, Fort Mason, Calif.

FORT MASON, Cal.—Until June 23 bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

10:00 A. M.
 BID NO. 928-38-407: Douglas fir lumber; fob shipping point and/or FAS Dock No. 3, Fort Mason.

1:30 P. M.
 BID NO. 928-38-409: Barrels, twine, strapping and crayons; fob Ft. Mason.

2:00 P. M.
 BID NO. 928-38-405: One platform scale and two weights; fob Fort Mason.

FORT MASON, Cal.—Until June 25, 10 A. M., bids will be received by the Constructing Quartermaster, San Francisco and vicinity, Fort Ma-

son, San Francisco, under Bid No. QM-W-6616-38-25, for furnishing miscellaneous supplies including, nails, crushed rock or gravel, sand, portland cement; fob shipper's point and/or Presidio of San Francisco. *

FORT MASON, Cal.—Until June 27, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-421, for furnishing two gasoline tractors, 45 hp., complete for operation; f.o.b. Fort Mason.

FORT MASON, Cal.—Until June 29, 10 a.m., bids will be received by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-38-26, for reinforcing steel; f.o.b. job site, Presidio of San Francisco, Cal. *

CANAL ZONE

PANAMA CANAL.—Until June 25, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. Smith, Washington, D. C., under Schedule No. 3359, for furnishing equipment, including:

Motor-generated set with switchgear and control equipment, transformers, power cable, and oil circuit breakers (comprising equipment for installation in Balboa Substation for providing 60-cycle current for Naval Ships in Dock); fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL.—Until June 29, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. Smith, Washington, D. C., under Schedule No. 3361, for furnishing motor grade gasoline, ethyl gasoline and kerosene; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL.—Until June 30, 10:30 a.m., bids will be received by the General Purchasing Officer, H. A. Smith, Washington, D. C., under Schedule No. 3362, for furnishing structural steel and misc. materials for four buildings at Ancon Canal Zone; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco. *

RECLAMATION BUREAU

COLUMBIA BASIN PROJ., Wash.—Until June 22, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, Colorado, under Bid No. A-35-090-A, for furnishing deformed intermediate grade billet steel reinforcement bars concrete: (1) 7,000,000 lbs. bare ($\frac{3}{4}$ -in. and larger), round or square deformed bars; (2) 700,000 lbs. $\frac{3}{8}$ -in. round deformed bars; (3) 300,000 lbs. $\frac{1}{2}$ -in. round deformed bars; f.o.b. Odair, Wash.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing misc. supplies and materials, as follows:

June 22, 2:00 P. M.
 BID NO. 5825—20,000 glass No. 16 insulators; f.o.b. Government Island.

BID NO. 5832—125 bbls. Portland cement; f.o.b. Duor, Cal.

BID NO. 5833—175 bbls. Portland cement; f.o.b. Willits, Cal.

BID NO. 5834—100 bbls. Portland cement; f.o.b. Martel, Cal.

BID NO. 5835—100 bbls. Portland cement; f.o.b. San Diego, Cal.

BID NO. 5836—50 doz. 1-gallon canteens; f.o.b. Albuquerque, N. M.

June 23, 2:00 P. M.
 BID NO. 5829—Hoisting rope; f.o.b. Government Island.

SAN FRANCISCO.—Until June 25, 2 p.m., bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 760 Market St., San Francisco, under Bid No. 1262, for furnishing one boiler, sectional, complete with 1 oil burner, 6 hot water type radiators, and 1 pressure tank; f.o.b. shipping point and/or Redding, Cal.

SAN FRANCISCO.—Until June 22, 2 P. M., bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Pheasant Building, San Francisco, under Bid No. 1263, for furnishing 3 detachable rock drill bit grinders, power-driven, complete with 110-120 volt, single phase, 60 cycle motors and controls; fob bidder's shipping point and/or Pacoima, Redding, or Martel, Calif.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

June 21, 2:00 P. M.
 BID NO. 5846—300 gasoline lanterns; f.o.b. Government Island.

June 22, 2:00 P. M.

BID NO. 5839—148 bbls. Portland cement; f.o.b. San Jose, Cal.

BID NO. 5841—200 bbls. Portland cement; f.o.b. Redding, Cal.

June 24, 2:00 P. M.

BID NO. 5840—Finish plumbing, fixtures and fittings; f.o.b. Arcadia, Cal.

BID NO. 5852—40-ft. steel span, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel necessary for erection of the span, Little Truckee River Bridge; f.o.b. Truckee, Cal.

BID NO. 5853—84-ft. steel truss, including all structural steel, bolts for field connections, bolts for superstructure, and all miscellaneous steel necessary for erection of the truss, Little Truckee River Bridge; f.o.b. Truckee, Cal.
 BID NO. 5854—30-ft. trail bridge, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel necessary for erection, Kennedy Meadows Bridge; f.o.b. Oakdale, Cal.

Section 562 P. D. & R.

U. S. POSTAGE

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



**\$10,500,000 Hansen Dam
Bids August 8**

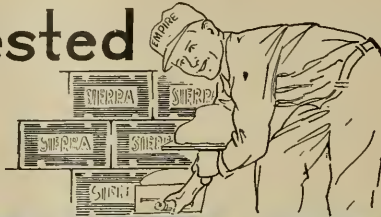


Bids July 13-14 on Five State Road Jobs



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JULY 1, 1938

No. 26

Bids on \$10,500,000 Earthfill Dam To Be Opened August 8 in Los Angeles

Construction of the \$10,500,000 Hansen Dam, retention basin structure for the Tujunga Wash, neared this week as the U. S. Engineer Office, Los Angeles, issued a call for bids, to be opened August 8.

The site of the 9050-foot retention basin dam lies within the City of Los Angeles about 1.4 miles northeast of San Fernando Road, and about three miles southeast of the City of San Fernando.

Plans and specifications for the structure were prepared under direction of Major Theodore Wyman, Jr., District Engineer, who estimates that the project will cost about \$10,500,000.

Typical Earthfill Dam

The Hansen Dam will be a typical earthfill structure. It will be 9050 feet in length, with a maximum height of 100 feet.

The spillway of the proposed dam will have a capacity of approximately 100,000 second-feet. As planned, Hansen Dam will impound about 36,000 acre-feet at the spillway elevation.

The dam is expected to take 915 calendar days to complete. If it is not completed in that time, a penalty of \$500 per day will be levied until the structure is put in safe and operating condition as determined by the Contracting Officer, according to specifications.

The bid form calls for a total bid, exclusive of Item 38-C which calls for furnishing, bending and placing 1,100,000 pounds of structural steel. A total bid exclusive of Items 38-A and 38-B will be submitted also. The items call for: furnishing and placing 4,000,000 pounds of reinforcing steel in counterforted spillway retaining walls, except inclined steel in counterforts, and furnishing, bending and placing 1,000,000 pounds of reinforcing steel in spillway retaining walls and counterforts, respectively.

The contractor will divert and care for water during construction, remove existing structures, and clear and grub dam and dike sites. The latter item involves 266,000 cubic yards of stripping.

Construction of Hansen Dam involves the following amounts of excavation: 639,000 cubic yards of common excavation; 8,600,000 cubic yards of excavation in borrow pit "A"; 5,620,000 cubic yards ex-

BIDS AUGUST 12 FOR INFIRMARY

Bids on two major California projects for the Veterans' Administration will be invited shortly, with the opening date set tentatively for August 12, it was learned yesterday.

The projects are: an infirm-ary building on the site of the old infirmary at Palo Alto, and two Continued Treatment buildings at Los Angeles. Plans and specifications for the Palo Alto job will be available to contractors July 9.

On July 8, plans and specifications on the continued treatment buildings will be available to contractors in Los Angeles. The buildings will take 400 and 450 days to complete, respectively.

cavation in borrow pit "B"; and 95,000 cubic yards of rock excavation.

Embankment items include: 4,480,000 cubic yards in Zones 1 and 3; 2,650,000 cubic yards in Zone 2; 1,998,000 cubic yards in Zone 4; 3,420,000 cubic yards in Zone 5; and 95,000 cubic yards in Zone 6.

About 6,800,000 squares (100 sq. ft.) of rolling for each additional three trips is called for, also.

Unit prices will be submitted on sixty-two items.

The California State Employment Service, affiliated with the United States Employment Service, announces a new location for the Industrial (men and women), Hotel, Restaurant, Domestic and Junior departments, at 1690 Mission street, San Francisco, telephone HEmlock 3800. The Commercial department remains at 154 Sansome St., telephone EXbrook 5656.

SCHEDULE BIDS ON FIVE STATE HIGHWAY JOBS

Bridge, Road Work in 6 Counties Advertised for Proposals

SACRAMENTO, June 21. — The State Highway Commission today authorized calls for bids for bridge and highway construction in Contra Costa, Fresno, Madera, San Bernardino, Orange and Los Angeles counties.

Bids on the Contra Costa and Fresno-Madera projects will be opened in Sacramento, July 13. On the following day, July 14, bids on the remaining jobs will be opened in Los Angeles.

The largest Northern California contract calls for about 8 miles of grading and surfacing and construction of three reinforced concrete slab bridges between Muir and Willow Pass in Contra Costa county. The work involves construction of soil cement base and crusher run base topped with plant mixed surfacing.

The second Northern California job involves construction of a bridge across the San Joaquin River about four miles northeast of Auberry in Fresno and Madera counties. The bridge will consist of a through steel truss span with timber stringer approach spans and concrete decks.

Bids will be opened in Los Angeles, July 14, for construction of three reinforced concrete slab spans on concrete piers and abutments as an extension to an existing bridge over Arroyo Seco Parkway at Avenue 60 in Los Angeles county.

On the same day bids will be opened for construction of bridges in Orange and San Bernardino counties.

The first job involves construction of a reinforced concrete girder bridge across Santiago Creek about one-quarter mile south of Orange. The bridge will consist of one 91-foot span and two 49-foot spans on concrete piers and abutments.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1459	Cattani	Graham	4000
1460	Dresel	Sartorio	5000
1461	Italia	Fracchia	2000
1462	Moore	Owner	2500
1463-4	Nelson	Owner	3000
1465	Spencer	Owner	1500
1466-7	Yrigoyen	Owner	3000
1468	Grisler	Tvolman	3000
1469	Johnson	Owner	4750
1470	Kaylor	Petersen	4000
1471-3	Meyer	Owner	4000
1474-5	Nelson	Nelson	7000
1476	Volker	Cahill	20000
1477	Weaver	Parker	12775
1478	Barber	Owner	4000
1479	Barsotti	Owner	2900
1480	Bertram	Owner	3200
1481	Bertram	Owner	3500
1482	Anderson	Owner	3900
1483	Coffis	Owner	1500
1484	Da Mitoff	Stendell	4500
1485	4th & Mkt.	Coburn	4000
1486	Haight	Tee Pee	3500
1487	Jensen	Owner	3000
1488-90	Robinson	Owner	3500
1491	Schmidt	Schmidt	3100
1492-3	Youngman	Tee Pee	3500
1494	Calvi	Malloch	2000
1495	Heyman	Owner	31500
1496	Signal	Owner	6000
1497	Driscoll	Hjul	4000
1498	Greens Hosp.	Barrett	2000
1499	Kelly	Owner	1500
1500	Parish	Barrett	25250
1501	Roberts	Jones	1900
1502	Wolter	Mullen	2975

DWELLING

(1459) N RIPLEY 30 W Harrison. One - story and basement frame dwelling.
Owner—Arnolco Cattani, 806 Montgomery Street.
Contractor—Graham and Jensen, 6528 California Street.
Architect—Not Given. \$4,000

ALTERATIONS

(1460) 1375 MONTEREY BLVD. Alter dwelling.
Owner—Ralph R. Dresel, premises.
Contractor—Peter Sartorio, 369 Pine.
Architect—O. A. Deichman, 321 Bush Street. \$5000

ALTERATIONS

(1461) 1500 STOCKTON ST. Alter stores and offices.
Owner—L'Italia Daily News, 118 Columbus Avenue.
Contractor—Fracchia & Trufelli, 1165 Clay Street.
Architect—Not Given. \$2,000

DWELLING

(1462) N INNES 187 E Ingalls. One-story and basement frame dwelling.
Owner and Builder—Geo. M. Moore, 217 Leavenworth St.
Architect—Not Given. \$2,500

DWELLING

(1463) W CORBETT AVS. 246 S Pemberton Place. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson and Sons, 2901 19th Avenue.
Architect—Not Given. \$3,000

DWELLING

(1464) W CORBETT AVE. 279 S Pemberton Place. One-story and basement frame dwelling.

Owner and Builder—Fernando Nelson and Sons, 2901 19th Avenue.
Architect—Not Given. \$3,000

ALTERATIONS

(1465) 3378-80 24th STREET. Alter store and dwelling.
Owner and Contractor—William B. Spencer, 3378 24th Street.
Architect—Not Given. \$1,500

DWELLING

(1466) S RAYMOND 150 E Alpha. One - story and basement frame dwelling.
Owner and Builder—Joe Yrigoyen, 31 Thornton Avenue.
Architect—Not Given. \$3,000

DWELLING

(1467) S RAYMOND 125 E Alpha. One - story and hasegment frame dwelling.
Owner and Builder—Joe Yrigoyen, 31 Thornton Avenue.
Architect—Not Given. \$3,000

DWELLING

(1468) W BACHE 75 S Crescent Ave. One - story and basement frame dwelling.
Owner—Erma Grisler, 10 Bache St.
Contractor—John Tvolman, 49 Liebigh.
Architect—Not Given. \$3,000

(1469) NW 26th AVE. and Kirkham. Two - story and basement frame flats.

Owner and Builder—J. C. Johnson, 820 Taraval Street.
Architect—Not Given. \$4,750

DWELLING

(1470) SE PRAGUE 128 NE Naylor. One - story and basement frame dwelling.
Owner—T. F. Kaylor, 912 Geneva.
Contractor—Henry V. Petersen, 912 Geneva Ave.
Architect—Not Given. \$4,000

DWELLING

(1471) N ENCLINE COURT 27 W Del Vale Avenue. One-story and basement frame dwelling.
Owner and Builder—Meyer Brothers, 735 Portola Drive.
Architect—Not Given. \$4,000

DWELLING

(1472) N ENCLINE COURT 77 W Del Vale Avenue. One-story and basement frame dwelling.
Owner and Builder—Meyer Brothers, 735 Portola Drive.
Architect—Not Given. \$4,000

DWELLING

(1473) N ENCLINE COURT 52 W Del Vale Avenue. One-story and basement frame dwelling.
Owner and Builder—Meyer Brothers, 735 Portola Drive.
Architect—Not Given. \$4,000

DWELLING

(1474) S PACHECO 188 E Alton. Two - story and basement frame dwelling.
Owner—Albert Nelson, 242 Ocean Avenue.
Contractor—A. Nelson, Inc. 242 Ocean Avenue. \$7,000

DWELLING

(1475) S PACHECO 235 E Alton. Two - story and basement frame dwelling.
Owner—Albert Nelson, 242 Ocean Avenue.
Contractor—A. Nelson, Inc. 242 Ocean Avenue. \$7,000

ALTERATIONS

(1476) S HOWARD 155 W Second St. Alter warehouse.
Owner—Wm. Volker & Co., 631 Howard Street.
Contractor—Cahill Bros., 206 Sansome Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street. \$20,000

ALTERATIONS

(1477) NW POWELL and SUTTER. Alter stores and offices.
Owner—Chester N. Weaver, Sutter and Powell Streets.
Contractor—K. E. Parker Co., 135 So. Park.
Architect—Not Given. \$12,775

DWELLING

(1478) NW NAPLES 58 S Morse. One - story and basement frame dwelling.
Owner and Builder—H. Barber, 275 College Avenue.
Architect—Not Given. \$4,000

DWELLING

(1479) S NEWCOMB AVE. 75 W Keith. One-story and basement frame dwelling.
Owner and Builder—Arturo Barsotti 1499 Quesada.
Architect—Not Given. \$2,900

DWELLING

(1480) E RHODE ISLAND 25 N 18th. One-story and basement frame dwelling.
Owner and Builder—M. A. Bertram, 1101 Potrero Avenue.
Architect—Not Given. \$3,200

DWELLING

(1481) NE 18th and Rhode Island. One - story and basement frame dwelling.
Owner and Builder—M. A. Bertram, 1101 Potrero Avenue.
Architect—Not Given. \$3,500

DWELLING

(1482) W. 16TH AVE., 100 N WAWONA. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 7th Ave.
Architect—C. O. Clausen, 746 46th Ave. \$3900

ALTERATIONS

(1483) 2940 FOLSOM ST. Alter store and office.
Owner—N. Coffis, 2940 Folsom St.
Architect—Not Given. \$1500

DWELLING

(1484) N. QUINTARA, 113 W 10TH AVE. One-story and basement frame dwelling.
Owner—Da Mitoff, c/o Contractor.
Contractor—Elvin C. Stendell, 1125 Holloway.
Architect—Not Given. \$4500

ALTERATIONS

(1485) 49 FOURTH ST. Alter fire damage.
Owner—Fourth & Market Realty Co., Prem.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Not Given. \$4000

DWELLING

(1486) N. ARMY, 55 E DOUGLAS. One-story and basement frame dwelling.
Owner—R. M. Haight, 2653 Mission Street.

Contractor—Tee Pee Constr. Co., 418 Munich St.
 Engineer—W. H. Ellison, Pacific Bldg.
 Architect—Not Given. \$3500

DWELLING
 (1487) W. FOLSOM, 25 S OGDEN.
 One-story and basement frame dwelling.
 Owner—E. Jensen, 41 Bache St.
 Architect—Not Given. \$3000

DWELLING
 (1488) E. 41ST AVE., 200 N KIRK-HAM.
 One-story and basement frame dwelling.
 Owner—Robinson & Johnston, 180 Oak St.
 Architect—R. R. Irvine, 2048 Market Street. \$3500

DWELLING
 (1489) E. 41ST AVE., 475 N KIRK-HAM.
 One-story and basement frame dwelling.
 Owner—Robinson & Johnston, 180 Oak St.
 Architect—R. R. Irvine, 2048 Market Street. \$3500

DWELLING
 (1490) E. 41ST AVE., 150 N KIRK-HAM.
 One-story and basement frame dwelling.
 Owner—Robinson & Johnston, 180 Oak St.
 Architect—R. R. Irvine, 2048 Market St. \$3500

DWELLING
 (1491) N. 30TH ST., 155 E CHURCH ST.
 One-story and basement frame dwelling.
 Owner—Walter Schmidt, 2419 21st St.
 Contractor—Schmidt Bros., 25 Virgil St.
 Architect—Not Given. \$3100

DWELLING
 (1492) N. ARMY, 30 E DOUGLAS.
 One-story and basement frame dwelling.
 Owner—Geo. Youngman, 3366 22nd St.
 Contractor—Tee Pee Constr. Co., 418 Munich St.
 Engineer—W. H. Ellison, Pacific Bldg.
 Architect—Not Given. \$3500

(1493) E. DOUGLAS, 76 N ARMY ST.
 One-story and basement frame dwelling.
 Owner—Geo. Youngman, 3366 22nd St.
 Contractor—Tee Pee Constr. Co., 418 Munich St.
 Engineer—W. H. Ellison, Pacific Bldg.
 Architect—Not Given. \$3500

ALTERATIONS
 (1494) NW BUSH and Franklin Sts.
 Alter store.
 Owner—Dr. Calvi, c/o contractor.
 Contractor—J. S. Malloch, 666 Mission Street.
 Architect—J. A. Porporato, 619 Washington Street. \$2,000

DWELLINGS
 (1495) E ARGUELLO 152, 204, 178, 232, 260, 288, 314 N Anza.
 Seven two-story and basement frame dwellings.
 Owner and Builder—Heyman Bros., 742 Market Street.
 Architect—Not Given. \$4500 each

SERVICE STATION
 (1496) NE CORTLAND AVE. and Anderson.
 One-story steel service station.
 Owner and Builder—Signal Oil Co., Alameda.
 Architect—Not Given. \$6,000

FACTORY
 (1497) NW 16th and HARRISON.
 One-story frame factory.
 Owner—T. A. Driscoll, 800 Francisco.
 Contractor—James H. Hjul, 128 Russ.
 Architect—Not Given. \$4,000

SHOP
 (1498) S BUSH 200 W Octavia St.
 One-story Class C paint shop.
 Owner—Green's Eye Hospital, prem.
 Contractor—Barrett & Hilp, 918 Harrison Street.
 Architect—Not Given. \$2,900

ALTERATIONS
 (1499) 3010 ARMY ST. Alter flats.
 Owner—Ella Kelly, 3010 Army St.
 Architect—Not Given. \$1,500

CONVENT
 (1500) N 24th ST. 110 E Diamond.
 Two-story frame convent.
 Owner—St. Phillips Parish, Elizabeth and Diamond Street.
 Contractor—Barrett & Hilp, 918 Harrison Street.
 Architect—Martin Rlst, 944 Phelan Building. \$25,250

ALTERATIONS
 (1501) 341 MINNA S. Alter dwelling.
 Owner—D. A. Roberts, Redwood City.
 Contractor—Thos. M. Jones, 643 29th Avenue.
 Architect—Not Given. \$1,900

ALTERATIONS
 (1502) 505-07 MARKET ST. Alter restaurant.
 Owner—Peter Wolter, 505-07 Market.
 Contractor—Mullen Manufacturing Co., 60 Rausch Street.
 Architect—Not Given. \$2,975

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1385	Alpha	McKinney	1000
1386	Cal. Pr. Grws.	Beckett	12743
1387	Bagley	Owner	7000
1388	Baker	Owner	3500
1389	Brusasco	Tollefsen	6000
1390	Oak Sch. D.	Swanstrom	49355
1391	Ring	Scate	5000
1392	Robinson	Johnson	5500
1393	Quince	Owner	3500
1394	Otto	Walstrom	1990
1395	Kesti	Owner	8300
1396	Thomas	Malott	6800
1397	Baldwin	Nelson	3000
1398	Bowman	Berg	3500
1399	Cormick	Pierce	3500
1400	Church L D	Owner	3000
1401	Fruggal	Woodburn	7090
1402	General Mtls	Owner	2000
1403	Heltman	Heltman	2630
1404	Morse	Thrams	5130
1405	Fowell	Hansen	2090
1406	Williams	Marengo	4000
1407	Witte	Netherby	3750
1408	Boyd	Sproul	3100
1409	Flores	Johnson	3200
1410	Bklyn. Church	Vincent	1924
1411	Goss	Roberts	1000
1412	Logan	Pedersen	3000
1413	Wisheropp	Self	4500
1414	Berk. Rug Wks.	Moore	5500
1415	Druhe	Murphy	5000
1416	Leonard	Beckett	4700
1417	Lind	Bernard	6000
1418	Taylor	Jensen	3000
1419	Wystra	Walstrom	3000
1420	Tember	Cal. Bldrs.	16000
1421	Berkeley Y.M.C.A.		
	Christiansen		23375
1422	Eyle	Reinlinghaus	4000
1423-5	Gaeta	Owner	2250
1426	Whiten	Owner	4500
1427	Zweifel	Fox Bros.	7500
1428	Alderson	Owner	5000
1429	Blake	Van Ness	5000
1430	Coleman	Coin	4250
1431	G. S. Theatre	QRS	1200
1432	Hilton	York	1500
1433	Lagorio	Delucchi	1400

1434	Marlott	Hutchinson	1000
1435	Neldon	Unit Blitt	1000
1436	Sanders	McKinney	5000
1437	Tisher	Johnson	3250
1438	Traverso	Delucchi	1905

ALTERATIONS
 (1385) 2736 CHANNING WAY, BERKELEY. Alterations.
 Owner—The Alpha Gamma Delta, Prem.
 Contractor—McKinney & Johnson, 5829 Marshall St., Oakland.
 Architect—Not Given. \$1000

WAREHOUSE
 (1386) 2232 4TH ST., BERKELEY.
 One-story 1-room warehouse.
 Owner—California Prune & Apricot Growers, Prem.
 Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
 Architect—P. A. Swafford, Carmel St., El Cerrito. \$12,743

FLATS
 (1387) 2521-23 8TH AVE., OAKLAND.
 Two-story 10-room flats.
 Owner & Builder—Frank W. Bagley, 300 Vernon St.
 Architect—Not Given. \$7000

DWELLING
 (1388) 9825 THERMAL ST., OAKLAND.
 One-story 5-room dwelling.
 Owner—W. J. Baker, 2255 Ransome Ave.
 Also garage, \$200.
 Architect—Not Given. \$3500

DWELLING
 (1389) 496 FLORENCE AVE., OAKLAND.
 One-story 6-room dwelling.
 Owner—John Brusasco, 4526 West St.
 Contractor—C. Tollefsen, 1755 High St.
 Architect—Not Given. \$6000

(1390) 201-237 E. 11TH ST., OAKLAND.
 Addition and reconstr.
 Owner—Oakland School District, 1025 2nd Ave.
 Contractor—Geo. Swanstrom, 1615 78th Ave.
 Architect—C. W. Corlett, 1025 2nd Ave. \$49,355

DWELLING
 (1391) 6616 ASCOT DR., OAKLAND.
 One-story 7-room dwelling.
 Owner—Daniel Ring, 815 51st St.
 Contractor—Harry Scott, 416 Kearny St., San Francisco.
 Architect—L. H. Hurlbut, Pacific Bldg., San Francisco. \$5000

DWELLING
 (1392) 4225 DUNSMUIR, OAKLAND
 One-story 6-room dwelling.
 Owner—G. Howard Robinson, 288 Lenox Ave.
 Contractor—O. W. Johnson, 3721 Young Ave.
 Architect—Not Given. \$5500

DWELLING
 (1393) 618 TALBOT, BERKELEY.
 One-story 5-room frame dwelling.
 Owner and Builder—A. Quince, 611 Lerington Avenue.
 Architect—Not Given. \$3,500

ALTERATIONS
 (1394) 135 GUILFORD RD., PIEDMONT. Alterations.
 Owner—Mr. Otto, 125 Guilford Rd.
 Contractor—Carl Walstrom, 1447 Excelsior Blvd.
 Architect—Newsom Bros., San Francisco. \$1990

DWELLING
 (1395) 11134 WARFIELD, PIEDMONT.
 Two-story 7-room dwelling and garage.

Owner & Builder—David Kesti, 2217
Browning, Oakland.
Architect—Not Given. \$8300

DWELLING
(1396) 1558 OAKLAND AVE., PIED-
MONT. 1½-story 6-room dwelling
and garage.
Owner—Mrs. F. M. Thomas, Corner
Hillside and Oakland Avenues.
Contractor—Earl M. Malott, 269 Scen-
ic Ave., Piedmont.
Architect—Fred L. Confer, Berkeley.
\$6800

DWELLING
(1937) 6316 HEATHERIDGE WAY, OAK-
LAND. One-story four-rm.
dwelling.
Owner—W. O. Baldwin.
Contractor—Henry Nelson 1039 Chey-
ry Way.
Architect—Not Given. \$3,000

DWELLING
(1398) 7018 LACEY ST., OAKLAND.
One-story 5-room dwelling.
Owner—Mrs. C. C. Bowman, 7016
Lacey Street.
Contractor—Paul M. Berg, 3854 Mid-
vale Ave.
Architect—Not Given. \$3,500
Also 1-story garage, \$100.

DWELLING
(1399) 10915 BRED AVE., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—Ruth Cornick, 1113 Versailles
Ave., Alameda.
Contractor—J. R. Pierce, 3942 Wood-
ruff Ave., Oakland.
Architect—Not Given. \$3,500

SHOP BLDG.
(1400) 9833 GOULD ST., OAKLAND.
Two-story 4-room shop building.
Owner—Church of Jesus Christ of
Latter Day Saints, Moss Avenue
and Webster St.
Architect—Theo. G. Ruegg, 251 Kear-
ny St., San Francisco. \$3000

DWELLING
(1401) 5373 THOMAS ST., OAK-
LAND. One-story 6-room dwell-
ing.
Owner—Leo Frugali, 840 53rd St.
Contractor—R. C. Woodburn, 579
Radmar Road.
Architect—M. V. Mowbray, 2240 86th
Avenue. \$7,000

SHOWER BLDG.
(1402) 740 105TH AVE., OAKLAND.
One - story locker and shower
building.
Owner and Builder—General Metals
Corp., 740 105th Avenue.
Architect—Irwin M. Johnson, 2219
7th Avenue. \$2,000

DWELLING
(1403) 1938 HAVENSCOURT Blvd.,
OAKLAND. One-story four-rm.
dwelling.
Owner—W. N. Heltman, 1741 68th
Avenue.
Contractor—L. E. Heltman, 13070
Broadway Terrace.
Architect—Not Given. \$2,650
Also 1-story garage, \$100.

STORE
(1404) 4498 PIEDMONT AVE., OAK-
LAND. One-story store.
Owner—Morse Flower Shop, prem.
Contractor—C. H. Thrams, 28 Home
Place.
Architect—Not Given. \$5,180

ALTERATIONS
(1405) 1510 FRANKLIN ST., OAK-
LAND. Alterations.
Owner—C. Rowell, premises.
Contractor—H. J. Hansen, 993 Eddy
St., San Francisco.
Architect—H. H. Winner, Ross. \$2000

DWELLING
(1406) 661 CALDWELL RD., OAK-
LAND. Two-story 6-room dwell-
ing.
Owner—A. C. Williams, 2905 Dwight
Way Berkeley.
Contractor—Marengo, Cimalondo and
Viarango, 5423 Claremont Ave.
Architect—Not Given. \$4,000

DWELLING
(1407) 4014 LINCOLN AVE., OAK-
LAND. One-story 5-room dwell-
ing.
Owner—Melvin Witte.
Contractor—W. A. Netherby, 3853
Lymon Road.
Architect—Not Given. \$3750

DWELLING
(1408) 120 PANORAMIC, BERKE-
LEY. Two-story 3-room frame
dwelling and garage.
Owner—S. Boyd, 15 Canyon Road.
Contractor—H. R. Sproul, 4409 Har-
bord Dr., Oakland.
Architect—Not Given. \$3100

DWELLING
(1409) 2222 BONAR, BERKELEY.
One-story 4-room frame dwelling
and garage.
Owner—Fred Flores, 1027 Carlton
St.
Contractor—R. F. Johnson & Son,
560 36th St., Oakland.
Architect—Not Given. \$3200

REROOF
(1410) 1141-47 E. 15TH ST., OAK-
LAND. Re-roof.
Owner—Brooklyn Presbyterian Ch.,
Prem.
Contractor—C. E. Vincent, 2362
Courtland Ave.
Architect—Not Given. \$1924

ALTERATIONS, ETC.
(1411) 301 CAPRICORN AVENUE,
OAKLAND. Alterations and addi-
tions.
Owner—Mrs. Julia Goss, Prem.
Contractor—R. W. and R. G. Rob-
erts, 6040 Valley View Dr.
Architect—Not Given. \$1000

ALTERATIONS, ETC.
(1412) 7117 CHABOT ROAD, OAK-
LAND. Alterations and addi-
tions.
Owner—Maurice Logan, Prem.
Contractor—Jensen & Pedersen, 3443
Adeline St.
Architect—Newsom & Newsom, Russ
Bldg., San Francisco. \$3000

DWELLING
(1413) 4033 BARNES AVE., OAK-
LAND. One-story 6-room dwell-
ing.
Owner—W. H. Wisheropp, 3041 Wis-
consin St.
Contractor—W. H. Wisheropp Co.,
3041 Wisconsin St.
Architect—Arthur B. Gallin, 770 Wes-
ley Ave. \$4500

STORE BLDG.
(1414) 3175 ADELINE, BERKELEY.
One-story 1-room store building.
Owner—Berkeley Rug Works, 3173
Adeline.
Contractor—The J. J. Moore Co., 3541
Hobart St., Oakland.
Engineer—R. H. Cooley, 3541 Hobart
St., Oakland.
Architect—Not Given. \$5500

ALTERATIONS, ETC.
(1415) 98 MOSS AVE., OAKLAND.
Alterations and additions to apts.
Owner—H. Druhe, Prem.
Contractor—Wm. J. Murphy, 1029
Pomona Ave., Albany.
Also addition to garage, \$500.
Architect—Not Given. \$5000

DWELLING
(1416) 6221 BUENA VENTURA AV-
ENUE, OAKLAND. Two-story
6-room dwelling.
Owner—A. Leonard, Prem.
Contractor—A. T. Beckett, 224 Scenic
Ave., Piedmont.
Architect—Not Given. \$4700

DWELLING
(1417) 6131 CHELTON DR., OAK-
LAND. Two-story 5-room dwell-
ing.
Owner—H. R. Lind, Prem.
Contractor—W. Vernon Bernard, 22
San Carlos, El Cerrito.
Also 1-sty garage, \$800.
Architect—John H. Geering, 3914
Randolph Ave. \$6000

DWELLING
(1418) 6969 BROADWAY TERR.,
OAKLAND. One-story 4-room
dwelling.
Owner—Chas. Taylor, Berkeley, Cal.
Contractor—H. K. Jensen, 2757 Raw-
son St.
Architect—Not Given. \$3000

ALTERATIONS
(1419) 201 STONEWALL RD., OAK-
LAND. Alterations.
Owner—S. Tymstra, Prem.
Contractor—Carl Walstrom, 1447 Ex-
celsior Ave.
Architect—Not Given. \$3000

APARTMENTS
(1420) 1914 SIXTH AVE., OAK-
LAND. Two-story 16-room apts.
Owner—W. R. Weber, 364 14th St.
Contractor—California Builders Co.,
2061 Webster St.
Architect—Not Given. \$16,000

DWELLING
(1421) 2011 10TH ST., BERKELEY.
Two-story 14-room frame dwell-
ing.
Owner—Berkeley Y. M. C. A., Allston
and Milvia.
Contractor—H. J. Christlansen-W. E.
Lyons Constr. Co., 2009 Pacific.
Architect—W. H. Ratcliff, American
Trust Bldg., Berkeley. \$23,375

DWELLING
(1422) 820 SANTA FE, ALBANY.
One and one-half story 6-room
frame dwelling.
Owner—H. E. Eyle, Berkeley.
Contractor—B. Reininghaus.
Architect—Not Given. \$4000

DWELLING
(1423) 969 TALBOT, ALBANY. 1-
story 4-room frame dwelling.
Owner & Builder—G. D. Gaeta, 816
Kains.
Architect—Not Given. \$2250

DWELLING
(1424) 1056 STANNAGE, ALBANY.
One-story 3-room frame dwelling.
Owner & Builder—G. D. Gaeta, 816
Kains.
Architect—Not Given. \$2250

DWELLING
(1425) 967 TALBOT, ALBANY. 1-
story 4-room frame dwelling.
Owner & Builder—G. D. Gaeta, 816
Kains.
Architect—Not Given. \$2250

DWELLING
(1426) 1150 OXFORD, BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner & Builder—P. E. Whitten,
Walnut Creek.
Architect—Frank Ames, Richmond.
\$4500

DWELLING
(1427) 1498 CAMPUS DR., BERKE-
LEY. Two-story 6-room frame
dwelling and garage.
Owner—P. H. Zweifel, 2845 Modesto.

Contractor—Fox Bros., 1478 University Ave.
Architect—Not Given. \$7500

DWELLING
(1428) 1007 BROOKWOOD ROAD, OAKLAND. Two-story 7-room dwelling.

Owner & Builder—John W. Alderson, 234 E. 18th St.
Architect—Not Given. \$7000

DWELLING
(1429) 3453 ROBINSON DR., OAKLAND. One-story 6-room dwelling.

Owner—Jessie Blake and Jack Tann, Prem.
Contractor—Gene B. Van Ness, 4331 Mastersen St.
Also 1-story barn, \$800.
Architect—Not Given. \$5000

DWELLING
(1430) 6134 TRENOR ST., OAKLAND. One-story 6-room dwelling.

Owner—Geo. H. Coleman, 1087 41st Street.
Contractor—Oscar Cain, 3233 64th Ave.
Also 1-story garage, \$150.
Architect—Not Given. \$4250

MARQUEE SIGN
(1431) 5812 SAN PABLO AVENUE, OAKLAND. Marquee sign.

Owner—Golden State Theatre Co., Prem.
Contractor—QRS Neon Corp., 690 Potrero Ave., San Francisco.
Architect—Not Given. \$1200

ALTERATIONS, ETC.
(1432) 3918 EVERETT AVE., OAKLAND. Alterations and additions.

Owner—Eugene Hilton, Prem.
Contractor—A. E. York, 2429 E. 23rd St.
Architect—Not Given. \$1500

ALTERATIONS, ETC.
(1433) 5658 VICENTE ST., OAKLAND. Alterations and additions.

Owner—M. Lagorio, Prem.
Contractor—P. Delucchi & Son, 5443 Claremont Ave.
Architect—Not Given. \$1400

DWELLING
(1434) 8391 NEY AVE., OAKLAND. One-story 5-room dwelling.

Owner—E. R. Marlot, 2943 61st Ave.
Contractor—E. B. Hutchinson, 3569 72nd Ave.
Architect—Not Given. \$3600

ALTERATIONS
(1435) 3421 TELEGRAPH AVENUE, OAKLAND. Alterations.

Owner—Neldan Bakery, Prem.
Contractor—Unit Bilt Fixture Co., 298 8th St., San Francisco.
Architect—Not Given. \$1000

DWELLING
(1436) 2861 HOPKINS ST., OAKLAND. One-story 6-room dwelling.

Owner—Harry J. Sanders, 2853 Hopkins St.
Contractor—McKinney & Johnsen, 5829 Marshall St.
Architect—Not Given. \$5000

DWELLING
(1437) 1019 E. 19TH ST., OAKLAND. One-story 5-room dwelling.

Owner—C. R. Tisher, 6127 Foothill Blvd.
Contractor—Elmer Johnson, 6127 Foothill Blvd.
Architect—Not Given. \$3250

ALTERATIONS
(1438) 301 BROADWAY, OAKLAND. Alterations.

Owner—L. Traverso, Prem.
Contractor—P. Delucchi & Son, 5443 Claremont Ave.
Architect—Not Given. \$1905

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
333	McKales	Aetna	37950
334	Coughlin	Vukicevich	19600

SERVICE STATION
(333) SE COLUMBUS AVENUE and Pacific. Steel service station.

Owner—McKales, Inc., Claus Spreckels Bldg.
Architect—Not Given.
Contractor—Aetna Const. Co., 1750 24th Avenue.

Filed, June 16, '38. Dated, April 21, '38
1st and 15th monthly.....75%
Usual 35 days.....25%
TOTAL COST, \$37,950
Bond, \$28,462.50. Sureties, New York Casualty Co. Limit, 70 days. Plans and specifications filed.

APARTMENT BLDG.
(334) N 20th St. 205 W Valencia. Two-story and basement frame apartment building.

Owner—May H. and Anne A. Coughlin.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—M. E. Vukicevich, 666 Mission St.

Filed, June 21, '38. Dated, June 7, '38.
Walls poured\$3675
Frame up3675
Brown coated3675
Completed3675
Usual 35 days4900
Bond, \$19,600. Sureties, Fidelity and Casualty Co. of N. Y. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
197	Berk. YMCA	Lyons	23376

FRAME BLDG.
(197) TENTH ST. AND UNIVERSITY AVE., BERKELEY. Frame building for W. Berkeley Y.M.C.A.

Owner—Berkeley Y.M.C.A.
Architect—W. H. Ratcliff, American Trust Co. Bldg., Berkeley.

Contractor—H. J. Christiansen and W. E. Lyons Constr. Co., 2009 Pacific Ave., Alameda.

Filed June 21, '38. Dated June 20, '38
25% Framing completed & sheathing on walls and roof.
25% brown plastered.
25% completion.
25% usual 35 days.

TOTAL COST, \$23,376.00

Bond, \$23,376. Surety, Maryland Cas. Co. Forfeit, \$10 per day. Limit, 100 days. Plans and specifications filed.

**ALAMEDA COUNTY PERMITS
UNDER \$1000**

GARAGE, \$200; 1623 Hearst, Berkeley; owner, Mrs. Rose Harvey; premises; contractor, E. E. Harvey, 1623 Hearst.

ALTERATIONS, \$560.00; 921 Contra Costa, Berkeley; owner, R. Powers, premises; contractor, D. Boshion, 903 Peralta Ave.

ALTERATIONS, \$90; 2127 9th; owner, T. T. Christina, premises; contractor, L. A. Rankin, 724 34th St., Oakland.

ADDITIONS \$70; 1608 Channing Way Berkeley; owner, H. Kessel, 1608 Channing Way; contractor, Chas Tornml, 1541 Channing Way.

WRECK bldg., \$500; 2723 Durant, Berkeley; owner, Kappa Alpha Theta House, premises; contractor, Symon Bros.

ADDITION, \$400; 2117 Roosevelt St., Berkeley; owner and contractor, G Webster, premises.

ROOF, \$200; 2100 E 23rd St., Oakland; owner, D. A. Davison, 2100 E 23rd St.

ALTERATIONS, \$400; 9109 E 14th St., Oakland; owner, L. T. Gardner, premises; contractor, Carl H. Franzen, 883 54th St.

ALTERATION, \$22; 2452 64th Ave. Oakland; owner, S. Shure, 2452 64th Ave.; contractor, Donald D. McKenzie, 2222 9th Ave.

ADDITION, \$400; 7530 Circle Hill Dr., Oakland; owner and contractor, Mrs. Marion Bond, 7530 Circle Hill Drive.

RE-ROOF, \$158; 1420 Magnolia St., Oakland; owner, Mrs. Deporto, premises; contractor, Frank V. Berckefeldt, 624 Haight Ave., Alameda.

ALTERATIONS, \$30; 4039 Fullington St., Oakland; owner and contractor, Hattie Belle Burnham, premises.

ADDITION, \$275; 588 25th St., Oakland; owner, Mrs. J. From, 588 25th St.

SIGN, wood, \$14; 1407 E 12th St., Oakland; owner, Ray, premises; contractor, McCoy Sign Co., 1148 E 12th St.

SIGN, cloth, \$20; 1136 E 12th St., Oakland; owner, Salvage Glass Co., 1136 E 12th St.; contractor, McCoy Sign Co., 1148 E 12th St.

SIGN, wood, \$18; Cor. E 14th St. & 26th Ave., Oakland; owner, Albright Apts., prem.; contractor, McCoy Sign Co., 1148 E 12th St.

SIGN, metal, \$25; 1226 E 12th Street, Oakland; owner, Boston Tire & Supply Co.; contractor, Tobey Sign Co., 1920 E 14th St.

SIGN, wood, \$7; 174 12th St., Oakland; owner and contractor, B. L. Kaufman and J. R. Holliday, premises.

BARBER pole sign, \$90; 1304 Harrison St., Oakland; owner, H. J. Ament, 1304 Harrison St.; contractor, Bauer Mfg. Co., 134 Golden Gate.

SIGN, wood, \$10; 1130 Broadway, Oakland; owner and contractor, Lundstroms, San Francisco.

SIGN, cloth, \$5; 2301 Webster St., Oakland; owner and contractor, John McBean, premises.

SIGN, metal, \$25; 166 Grand Ave., Oakland; owner and contractor, Gertrude Carmona, premises.

SIGN, metal, \$15; 535 Broadway, Oakland; owner and contractor, Lucille Nelson, premises.

BARBER pole, \$10; 1004 Jefferson St., Oakland; owner and contractor, Mike King, premises.

SIGN, cloth, \$2; 370 2nd St., Oakland; owner, J. Bono & Sons, 370 2nd St.

SIGN, cloth, \$5; 406 14th St., Oakland; owner, Merriam Campaign Hdqtrs.; contractor, F. Coddington, 362 35th St.

SIGN, metal, \$2; 6222 Telegraph Ave. Oakland; owner, J. Horton; contractor, Imperial Beverage Co., 3135 Filbert St.

SIGN, electric, \$150; 5101 Telegraph Ave., Oakland; owner, Key Service Sta.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$60; 1331 Broadway, Oakland; owner, Mayflower Shop contractor, Elec. Prod. Corp., 950 ADDITION, \$216; 2723 Ritchie St., Oakland; owner, Edna D. Pray, 2723 Ritchie St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings, Fire Houses and Warehouses
4.—Factories and Warehouses	14.—Residences
5.—Flats	15.—Schaels
6.—Garages and Service Stations	16.—Banks, Stores and Factories
7.—Federal Buildings	17.—Theatres
8.—Ings.	18.—Wharves & Docks
9.—Club Buildings	19.—Misc. Const.
10.—Hospitals	20.—Misc. Supplies & Hotels

1— APARTMENTS

Preparing Preliminary Plans APARTMENT COURT

Est. Cost, \$35,000

BERKELEY, Alameda Co., Calif.
One-story concrete apartment court to contain twelve apartments, composition shingle roof, gas floor furnaces, steel sash, hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—O. A. Deichmann, 321 Bush St., San Francisco.

3— CHURCHES

Construction Starts Shortly
CHURCH Approx. Cost, \$60,000
SAN FRANCISCO, 22nd Ave. and Lawton St.

Three-story steel and frame church and Sunday School (L-shaped building), gas-fired warm air heating system, tile and composition roof, carpets and linoleum on pine floors.

Owner—Church of Jesus Christ of Latter-Day Saints (Stephen Winter, Pres.).
Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Manager of Constr.—Claude Lindsay, 802 Taraval St., San Francisco.

Approved plans have been returned from Salt Lake City and construction is scheduled to start Saturday, June 18.

4— FACTORIES & WAREHOUSES

Contract Awarded
ALTER WAREHOUSE Cost, \$20,000
SAN FRANCISCO, S Howard 155 W Second Street.

Alterations to warehouse.
Owner—Wm. Volker & Co., 631 Howard Street.

Architect—W. D. Peugh, 333 Montgomery Street.

Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Bros., 206 Sansome Street.

CONTRACT AWARDED

LOS ANGELES, Cal.—Miller-Saunders Co., 7278 Melrose Avenue, Los Angeles, awarded general contract for construction of a grinding plant at 3200 E. 26th St., for Stauffer Chemical Co. Western Pipe & Steel Co., 5717 Santa Fe Ave., Vernon, awarded structural steel, and Truscon Steel Co., 5480 E. Slauson Ave., steel joists. W. M. Bostock, structural engineer, 6221 Pacific Blvd., Huntington Park.

Preparing Working Drawings

SHOP BLDG. Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
One-story brick shop bldg. (40x60-ft.)
Owner—Rosedin Motor Works.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

7— FEDERAL BUILDINGS

BIDS OPENED

MARTINEZ, Contra Costa Co., Cal.
—Pacific Painting & Decorating Co., 5414 Telegraph Ave., Oakland, at \$497, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Martinez, Cal.

Complete bids were:
Pacific Painting & Decorating Co., Oakland\$497
Patterson Bros., Oakland 645
Cramer Bros., San Francisco1270

BIDS WANTED

SACRAMENTO AIR DEPOT—Until July 20, 2 p.m., bids will be received by the War Department, Constructing Quartermaster, Sacramento Air Depot, Calif., for the construction of Radio Transmitter Building, at the Sacramento Air Depot.

Plans and specifications may be obtained from the above office upon deposit of \$10 certified check made payable to the Treasurer of the United States.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until August 1, 1:30 P. M., bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for an infirmary building to be built at the Veterans' Administration Facility, Palo Alto. Plans and specifications may be obtained from the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 12, 1:30 P. M., bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for two continued treatment buildings to be built at the Veterans' Administration Facility, Sawtelle. Plans and specifications may be obtained from the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

BIDS OPENED

BREMERTON, Wash.—Neuman Bros., McMinnville, Ore., at \$229,000 submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., in the U.S.P.O. at Bremerton. Other bids were:
Thomas Sign & Paint Co., Bremerton, Wash.\$1091
Apex Painting & Decorating Co., Seattle, Wash. 1194
Warberg Bros., Bremerton 2072

CONTRACT AWARDED

RIVERSIDE, Riverside Co., Calif.—Geo. M. Easton, 5764 San Vicente Blvd., Los Angeles, awarded contract by the U. S. Department of Agriculture, at \$36,800, for construction of a headhouse, two air-conditioned

greenhouses and a machinery pit at the U. S. Regional Salinity Laboratory, Rubidoux Heights, Riverside. Proposal 2602.

BIDS WANTED

SAN FRANCISCO.—Until July 1, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for general changes in roof, 357 and 359, and installation of windbreak at pavilion at the U. S. Marine Hospital, S. F. Plans and specifications may be obtained from Room 113, U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco.

BIDS WANTED—OPENING DATE NOT SET

MARE ISLAND, Solano Co., Cal.—Bids are now being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for 120,000-lb. per hour boiler with water cooled walls, superheater, air preheater, combination oil and gas burners, forced and induced draft fans, combustion air ducts, soot blowers, structural steel supports and accessories, at the Navy Yard, Mare Island; Spec. No. 8807. Est. cost, \$100,000.

Drawings and specifications may be obtained from the Bureau or from the Commandant, Navy Yard, Island Calif., upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED

WATSONVILLE, Santa Cruz Co., Cal.—The Robbins Mfg. Co., Chicago, Ill., at \$1,124, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens at the U. S. Post Office at Watsonville.

Other bids were:
Ceco Steel Products Corp., Chicago, Ill., \$1,206.

Chamberlin Metal Weather Strip Co., Inc., Detroit, Mich., \$1,483.

Nick Hemminga, San Francisco, \$1,500.

BIDS OPENED

EVERETT, Wash.—Bergh-Greggs Co., 936 Commerce Street, Tacoma, at \$2,197 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for a new boiler at the U.S.P.O. at Everett. Other bids were:
Chas. A. Schiemann, Chicago\$2399
Bassett Pbg. & Htg. Co., Everett 2738

CONTRACT AWARDED

SAN PEDRO, Cal.—Walter H. Barber, P. O. Box 1525, San Diego, at \$1,850 awarded contract by the 11th Naval District, Public Works Officer, foot of Broadway, San Diego, for door, window and transom screens for bachelor officers' quarters, barracks, and mess hall-gallery building at the 11th Naval District, Fleet Air Base, San Pedro; Spec. 8746.

LOW BIDDER

FORT LYON, Colo.—Bellis Wire Works, Brooklyn, N. Y., at \$13,447, submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for furnishing and installing wire grilles for Building No. 201, at Fort Lyon, Colo.

CONTRACT AWARDED

ELY, Nev.—Nick Hemminga, 627 38th Ave., San Francisco, at \$250.00 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for driveway pavement at the U. S. P. O. at Ely. * 7

CONTRACT AWARDED

FORT MASON, Cal.—Cookson and Co., 964 Harrison St., San Francisco awarded contract by the War Department, Office of the Port Quartermaster, Fort Mason, for installing four steel rolling doors on old portion of Pier Shed No. 2 (Bldg. No. 47), Fort Mason. Complete bids published June 14. * 7

BIDS WANTED

COLUSA, Colusa Co., Calif.—Bids are now being received by the Custodian of the building for seeding the grounds of the U.S.P.O. at Colusa. * 7

BIDS WANTED

FORT MASON, Cal.—Until June 27, 10 a.m., bids will be received by the War Department, Office of the Port Quartermaster, Fort Mason, for waterproofing shed on Pier No. 1 (Bldg. No. 48), Fort Mason, Calif. Work consists of waterproofing all outside walls, including fire walls. A copy of specifications now on file for examination at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 7

BIDS OPENED

ALCATRAZ ISLAND, Calif.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$1,161, submitted the lowest qualified bid to the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for repairing wharf at Alcatraz Island; Spec. No. 61. Complete bids follow: Ben C. Gerwick (20 days), \$1161. A. W. Kitchen & Co., S. F. (40 da.), \$1024. Healey-Tibbitts Constr. Co., S. F. (10 days), \$1443. M. E. McGowan, Inc., S. F. (20 days), \$1533. (Although the figure of A. W. Kitchen & Co. was low, bureau officials said time was the essence of the contract.) * 7

8— CLUB BUILDINGS

Construction Underway CLUB BLDG. Cont. Pr., \$12,389 REDLANDS, San Bernardino Co., Calif. Olive Avenue. New Y. W. C. A. Activities Building of frame and stucco construction, maple floors, Celotex ceilings, wood shingle roof, plumbing, heating, painting, electrical. Owner—Y. W. C. A. (Mrs. W. H. Blodgett, Pres.) Architect—Not Given. Contractor—L. P. Scherer, P. O. Box 423, Redlands Theatre Building, Redlands. Contract price does not include the equipment. Excavation will be completed this week. * 7

9— HOSPITALS

BIDS WANTED SAN JOSE, Santa Clara Co., Cal.—Until June 27, 11 a.m., bids will be received by the Board of Supervisors of Santa Clara County (Frank W. Hogan, County Clerk), Court House, San Jose, for construction of a new underground piping system at the Santa Clara County Hospital. Plans and specifications may be obtained at the office of the Archi-

facts, Binder & Curtis, 35 West San Carlos St., San Jose, upon deposit of \$10.00. Bid must be accompanied by certified check in the amount of 10% of bid, payable to the County Clerk. * 7

Completing Working Drawings HOSPITAL Est. Cost, \$700,000 SAN FRANCISCO, Seventh Avenue and Dewey Blvd. (Laguna Honda Home). New hospital bldg. (400 beds) connecting with the present unit and containing ex-ray offices, staff offices, operating room and morgue, also reconstruction of ward buildings E and F, containing 400 beds, and reconstruction of employees' dining room, kitchen, etc., facilities and reconstruction of infirmary bldg. and heating and lighting systems to serve new additions. Owner—City & County of San Francisco. Architects—Dodge A. Riedy, 821 Market St. and Frederick H. Meyer, Kohl Building. Structural Engineers—W. H. Ellison, Pacific Bldg., and Hall & Pregonoff, 350 California St., Associates. Electrical Engineer—Robt. L. St. John 544 Market Street. Mechanical Engineers—Leland & Hailey, 58 Sutter Street. Sub-Contracts Awarded ALTER HOSPITAL Cost, \$40,000 SAN FRANCISCO, 2750 Geary Blvd. Alterations to hospital. Owner—The Garden Nursing Home, Inc., 2750 Geary Blvd. Architect—Albert J. Evers and Roland I. Stringham, 525 Market. Engineer—A. V. Saph., Jr., Rialto Building. Contractor—Lindgren and Swinerton, Inc., 225 Bush Street. Lumber—Smith Lumber Co., Fourth and Channel Streets. Concrete—Golden Gate Atlas Materials Co., 16th and Harrison. Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon. Painting—Raphael Co., 270 Tehama. Heating, Ventilating and Plumbing—James A. Nelson, Inc., 1375 Howard Street. Electric Wiring—Chas. A. Langlais, 472 Tehama Street. * 9

BIDS OPENED

SAN FRANCISCO.—W. R. Ames Co., 150 Hooper St., at \$1,361.69 submitted low bid to the Department of Public Works, Room 251, City Hall, for furnishing and installing tables, cabinets and shelving for the Maternity Building at San Francisco Hospital, Potrero Ave. and 22nd St. Only other bid submitted* by the Munthe Equipment Co. at \$2,817. * 9

10— HOTELS

Preparing Preliminary Plans BINGALOW COURT Cost, \$..... MILL VALLEY, Marin Co., Cal. One-story frame and stucco bungalow court to contain 8 to 10 units. Owner—Withheld. Architect—Conrad T. Kett, 519 California St., San Francisco. * 9

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED SAN FRANCISCO.—Until June 29, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for

cleaning and lacquering linoleum floor covering in various rooms at the Main Public Library. Specifications obtainable from Supt of Public Bldgs., R. A. Chisholm, 490 11th St. * 13

BIDS WANTED

SAN FRANCISCO.—Until June 29, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing acoustical material at Veterans' Building, War Memorial. Specifications obtainable from the Supt. of Public Bldgs., R. A. Chisholm, 490 11th St. * 13

Bids Wanted—To Close July 1, 3:00 P. M. WESTERN STATES BUILDING Cost, \$..... YERBA BUENA SHOALS, Site of the 1939 World's Fair. Complete construction of the Western States Building; Contract No. 168. One-story frame building (400 x 300 ft.) surrounding center court (140 x 120 ft.), with auditorium on one wing to seat 800 and floor space to accommodate exhibits from the eleven Western States; some tile and some composition roofing. Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco. Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco. Plans and specifications obtainable at the above office, Room 222, upon deposit of \$20. * 13

Bids Opened

MEMORIAL RODOBE, Contra Costa Co., Cal. Rodeo Ave. New veterans' memorial building. Owner—County of Contra Costa (C. C. Wells, County Clerk). Architects—K. O. Narbett, 462 31st Ave., Richmond, and E. Geoffrey Bangs, 580 Market St., San Francisco. Low Bidder—John E. Branagh, 116 Monticello Ave., Piedmont—\$13,073.00. Complete bids were: John E. Branagh, Piedmont, \$13,073. Emil Person, Berkeley, \$13,920. Mark Bristol, Oakland, \$14,200. Elmer J. Freethy, Richmond, \$14,215. Carl Overas, Richmond, \$14,583. Peter Sartorio, San Francisco, \$14,875. George Petersen, San Leandro, \$15,000. Bids held under advisement for one week. * 13

Bond Election Planned

CITY HALL Cost, \$135,000 MARYSVILLE, Yuba Co., Calif. SW corner of Sixth and C Streets. Two-story Class B City Hall bldg. (13,800 sq. ft. floor space), to contain city offices and city jail. Owner—City of Marysville. Architect—Starks & Flanders, Bank of America Bldg., Sacramento. The City of Marysville is planning to vote on bonds in the near future in the amount of \$75,000, proceeds to aid in financing construction of city hall. WPA grant will be applied for. * 13

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Cal.—James E. Allen, 1012 Elm St., San Carlos, at \$3,970, submitted only bid and was awarded contract by the County of San Mateo, for alterations, reconstruction and repair of the roof of the San Mateo County Juvenile Home, Redwood City. * 13

BIDS WANTED

YERBA BUENA SHOALS. Calif.—Until July 8, 11 A. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for electrical work for the following buildings and improvements: San Francisco building; Main Entrance to California Court.

Plans and specifications may be obtained at the above office upon deposit of \$25, \$15 returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and in Oakland.

Bids must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 10% of bid.

Bids Opened

REPAIR ARMORY Cost, \$.....
LONG BEACH, Los Angeles Co., Cal.
Repairs to National Guard Armory building, consisting of additional steel work and welded repairs to existing steel, new concrete slabs in tower and other concrete and gunite work; plastering exterior of building and a portion of interior, composition roofing for tower and under existing tile, painting exterior and a portion of interior of building.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Low Bidder—J. E. Burrell & Son, 518 W. Anaheim St., Long Beach—\$11,083.

Complete bids were:
J. E. Burrell & Son, Long Beach—\$11,083.
H. A. Nichols, Los Angeles—\$11,747.
Duff-Vandenhoogen Co., Long Bch.—\$12,890.
Chas. W. Pettifer, Long Beach—\$14,950.

Sub Contracts Awarded

EXHIBIT BLDGS. Cont. Pr., \$124,142
YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.

Shasta-Cascade Bldg., Mission Trails Bldg., and Alameda-Contra Costa Bldg.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Flueger, Supervisor; Architect; Consulting Architects: Otto A. Delchmann (Shasta-Cascade Building); Harold A. Edmondson and Robt. Stanton (Mission Trails Bldg.); Morrow and Morrow (Alameda-Contra Costa Bldg.).

Contractor—Guy F. Atkinson Co., 662 Russ Bldg., San Francisco.

Piling—A. W. Kitchen & Co., 110 Market St.

Sheet Metal—Guilfoyle Corncore Works, 1234 Howard St.

Roofing—Davenport Roofing & Tiling Co., 717 C St., San Rafael.

Plastering—James F. Smith, 271 Mission St.

Painting—D. Zellnsky & Sons, Inc., 165 Grove St.

Glazing—W. E. Fuller & Co., 301 Mission St.
Linoleum—Turner Resilient Floors, Inc., 141 New Montgomery St.

CONTRACT AWARDED

SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at \$2583 awarded contract by the Department of Public Works, City Hall, for increasing travel and making other changes to one passenger elevator at the Hall of Justice, Kearny and Washington Streets. 13

CONTRACT AWARDED

SAN FRANCISCO.—Link Belt Co., 400 Paul Ave., at \$4245 awarded the contract by the Department of Public Works, City Hall, for building and constructing two sand and rock dryers for the Municipal asphalt plant, Corporation Yard, 11th and Bryant Streets. 13

Bids Wanted—To Close July 1, 3 P. M.

SCULPTURAL MODELS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Modeling, enlarging and casting of Sculptural Models, North Square and South Courts and South Garden. Contract No. 158.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications obtainable after 2 P. M., June 22, at the above office, Room 222, upon deposit of \$20.

CONTRACT AWARDED

YERBA BUENA SHOALS.—M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, at \$1,273 submitted low bid and was awarded contract by the Dept. of Public Works, Office of Calif. Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for pipe foundations for the following bldgs. on Yerba Buena Shoals: San Francisco Bldg.; Entrance to California Court; California State Building.

Other bids were:
A. W. Kitchen & Co.....\$1,667
Healy-Tibbitts Const. Co.....2,050

Bids Opened

REMODEL CITY HALL
MORGAN HILL. Santa Clara Co.

Remodel City Hall.
Owner—City of Morgan Hill.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

Low Bidder—Henry Ducoty, Morgan Hill—\$5267.

Other bids were:
G. M. Latta, San Jose.....\$5500
Bert Ward & Son, San Jose.....5848
Bids held under advisement.

CONTRACT AWARDED

ALAMEDA COUNTY. Calif.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at \$38,725 awarded contract by the Alameda County Board of Supervisors, Court House, Oakland, for erection, installation and completion of the Arroyo-Del Valle Central Heating Plant on the grounds of Arroyo-Del Valle Sanitarium, near Livermore, Alameda County.

HOUSE SALE

BERKELEY. Alameda Co., Calif.—The Berkeley Board of Education will sell at public auction July 6, 8 P. M., for wrecking on the premises, that city-owned double flat and garage building located at 24-34-36 Derby St., Berkeley. 13

GRANT REQUESTED

SACRAMENTO.—PWA grant of more than \$5,000,000 will be asked to supplement State funds for continuation of the institutional building

program, according to State Director of Institutions Harry Lutgens. To cost more than \$1,600,000, the contemplated work includes: sewage disposal system at Mendocino Hospital; new wards, sewage disposal system, kitchen and dining room at Sonoma State Home; units for tubercular and infirm patients at Napa State Hospital; and medical unit and wards at Camarillo State Hospital. 13

Funds Asked

ANNEX Est. Cost, \$225,000
REDWOOD CITY. San Mateo Co., Cal. Broadway and Hamilton Ave.

Two-story and basement courthouse annex building with three-story central wing connected by two corridors with the present courthouse (elevator and central heating plant).

Owner—County of San Mateo.
Architect—William H. Topcke, Call Bldg., San Francisco.

Application made PWA for increase in present allocation.

Low Bidder

PIILING
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Piling for Pacific Basin Bldg.; Contract No. 1981.

Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 585 Bush St.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St.

Low Bidder—A. W. Kitchen & Co., 110 Market St., San Francisco—\$2,838.

CONTRACT AWARDED

SUNNYVALE. Santa Clara Co., Cal.—George A. Kelly, 648 Almaden Ave., San Jose, at \$932, awarded contract (after plans were revised) by the City of Sunnyvale, for moving and reconstructing one dwelling, together with fences, etc., at 129 S. Mathilda Ave., in the City of Sunnyvale.

14—RESIDENCE

Contract Awarded
RESIDENCE Cost, \$5,400
WATSONVILLE. Santa Cruz Co., Calif.

One-story frame and wood siding residence (5 rooms), central heating system, wood shingle roof.

Owner—Waldo B. Maher.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

Completing Working Drawings
ALTERATIONS, ETC. Cost, \$.....

SANTA ROSA. Sonoma Co., Calif. Three-room addition and general alterations to residence.

Owner—Mrs. Carrie Jenkins, care of the Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Low Bidder

RESIDENCE
MODESTO. Stanislaus County, Calif.

One-story Spanish style residence (hardwood floors, tile bath, wood sash, etc.)

Owner—Mrs. H. Thomas, c/o Arch. Architect—G. N. Hilburn, 1211 K St., Modesto.

Low Bidder—Vernon Olson, Modesto.

Preparing Working Drawings
RESIDENCE Cost, \$.....

PETALUMA. Sonoma Co., Cal.

One-story frame and wood siding residence (5 rooms), oak floors, shingle roof, gas-fired heating

system, wood sash, linoleum kitchen and bath.
 Owner—Hugh H. Comasini, c/o Architect.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Completed
RESIDENCE Cost, \$6,000
 SAN MATEO, San Mateo Co., Calif. Aragon Tract, Lot 18 Blk 24.
 One-story frame French type residence (5 rooms) hardwood floors, tile baths, detached garage.
 Owner—Paul de Bret, San Mateo.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed
RESIDENCE Cost, \$5,000
 SAN JOSE, Santa Clara Co., Calif. Aragon Tract, Lot 6, Block 63.
 One - story frame and stucco residence (5 rooms) hardwood floors, tile baths, etc.
 Owner—R. D. Callison.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.
 Contractor—Fasetta Const. Co., 2390 Park Ave., Santa Clara.

To Be Done By Day's Work
RESIDENCES Cost, \$5,000 ea.
 SAN FRANCISCO, Sunset district. Two one-story frame and stucco residences; hardwood floors, tile baths, wood sash, etc.
 Owner & Builder—Standard Building Co., 20th Ave. and Judah St.
 Architect—D. E. Jaekle, 126 Post St.

Being Done By Day's Work
RESIDENCE Cost, \$12,000
 OAKLAND, Alameda Co., Calif. 6045 Ascot Drive.
 Two-story frame and stucco residence (9 rooms).
 Owner & Builder—Arthur Brown, 2624 8th Ave., Oakland.
 Architect—Not Given. 14

Low Bidder
RESIDENCE Cost, \$.....
 BEACHWOOD, Marin Co., Calif.
 One - story and basement frame and wood siding residence (wood shake roof, central heating system, linoleum bath and kitchen; four bedrooms first floor, two bedrooms and washroom in basement).
 Owner—Capt. R. C. O'Brien, c/o Architect.
 Architect—Fred Reimers, 233 Post St., San Francisco.
 Low Bidder—C. E. Finell, R.F.D. 1, Box 157, Sausalito.

Low Bidder
RESIDENCE Cost, \$.....
 MILL VALLEY, Marin Co., Cal.
 One-story frame residence (5 rooms).
 Owner—Mr. Van Zandt, c/o Archt.
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.
 Low Bidder—C. E. Finell, R.F.D. 1, Box 157, Sausalito.

Preparing Working Drawings
RESIDENCE Cost, \$.....
 RICHMOND, Contra Costa Co., Calif. Mira Vista Highlands.
 Two - story and basement frame and stucco residence (tile roof, hardwood floors, tile baths, etc.)
 Owner—Mr. Waugh, c/o Architect.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

To Be Done By Day's Work
RESIDENCES Cost, \$7,000 each
 SAN FRANCISCO, S Pacheco 188-235 E of Alton Street.
 Two two-story and basement frame residences.
 Owner and Builder—A. Nelson, Inc., 242 Ocean Avenue.
 Architect—Not Given. 14

Plans Being Figured
RESIDENCES Cost, \$6500-\$7500
 SAN FRANCISCO, NE Cor. Bay and Baker and N Bay St. 52 E Baker.
 Two 2-story frame and stucco residences (hardwood floors, tile baths, roof tile, wood sash, etc.)
 Owner—Miss Nathalie Dastugue.
 Architect—H. C. Baumann, 251 Kearny Street.
 Partial list of contractors figuring plans follows:
 M. E. Vukicevich, 666 Mission St.
 Mager Bros. & Son, 1359 4th Ave.

Sub Bids Wanted
RESIDENCE Est. Cost, \$15,000
 EL CERRITO, Contra Costa County, Calif. Arlington Ave.
 One-story and full concrete basement residence (8 rooms, 4 baths), basaltite concrete block construction, first floor concrete joists and slabs, slate roof on wood rafters and joists, glass brick, two brick chimneys, Bruce Oak block floors, linoleum and tile baths, steel sash, oil burning furnace, three-car garage, masonite, celotex and micarta.
 Owner—Lewis Burrell.
 Plans by C. J. Parsons, 1428 Franklin St., Oakland.
 Contractor—George P. Parsons, 4333 Townsend St., Oakland.
 Starting Monday, sub bids will be received on all portions of the work by C. J. Parsons and George P. Parsons.

To Receive Sub Bids
RESIDENCE Cost, \$.....
 WALNUT CREEK, Contra Costa Co., Cal.
 One-story frame and stucco residence (5 rooms), two-car garage, masonite and plaster walls and ceilings, hardwood floors, tile bath, shingle roof, wood sash, etc.
 Owner—L. P. Larsen.
 Plans by C. J. Parsons, 1428 Franklin St., Oakland.
 Contractor—Dodds & Chambers, 1428 Franklin St., Oakland.
 Starting Wednesday, June 22, sub bids will be received by the contractor on all portions of the work.

Contract Awarded
RESIDENCE Cont. Pr., \$9,600
 VALLEJO, Solano Co., Calif.
 Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, hardwood floors, steel sash, linoleum floors in bathroom.
 Owner—Withheld.
 Architect—Marshall Dean and John Hudspeth, Marshall Dean, Architect, 2104 Addison St., Berkeley.
 Contractor—James Bitcon, 628 Louisiana St., Vallejo.

Plans Being Figured—Bids Close
RESIDENCE Cost, \$.....
 SAN MATEO PARK, San Mateo Co., Calif.
 Two-story frame and stucco residence; hardwood floors, tile baths, shingle roof, steel sash, forced air heating system, etc.
 Owner—W. Spratt Boyd, c/o Archt.
 Architect—Angus McSweeney, 604 Mission St., San Francisco.

Plans are being figured by the following selected list of contractors:
 A. F. Mattock Co., 212 Clara St., San Francisco.
 D. B. Gladstone, 557 Market St., San Francisco.
 G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
 G. W. Williams Co., 10 California Drive, Burlingame.
 Geo. Arthur & Sons, 941 S. Claremont, San Mateo.

Preparing Preliminary Plans
RESIDENCES Cost, \$5,000 each
 SAN FRANCISCO, Visitation Valley.
 Two 1-story frame and stucco residences (5 rooms each) hardwood floors tile baths, etc.)
 Owner—Withheld.
 Architect—Conrad T. Kett, 519 California Street.

Plans Being Figured—Bids Close
RESIDENCE Cost, \$.....
 WALNUT CREEK, Contra Costa Co.
 One-story frame and stucco residence (shake roof, oil burning furnace, steel sash, hardwood and linoleum floors, etc.)
 Owner—Withheld.
 Architect—Chester Treichel, 696 Cleveland St., Oakland.

Plans are being figured by a selected list of contractors.

Bids Opened
RESIDENCE Cost, \$.....
 SACRAMENTO, Sacramento County.
 Two-story frame residence (8 rooms)
 Owner—Dr. Lawsen, c/o Architect.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Low Bidder—L. L. Watson, 1768 11th Ave., Sacramento, \$15,380.
 Complete bids follow:
 L. L. Watson.....\$15,380
 Otto Steinbrenner.....15,590
 Jul Johnson & Son.....16,516
 L. F. Gould.....16,717
 Azevedo Const. Co.....16,900
 H. W. Robertson.....17,468

Separate bids received for painting. All bids held under advisement.
Preparing Working Drawings
RESIDENCE Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 Two - story brick residence (hardwood floors, tile baths, etc.)
 Owner—F. C. Sample, c/o Architect.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

15— SCHOOLS

BOND ELECTION
 TUCSON, Ariz.—City of Tucson will hold an election July 14 at which time it is proposed to vote bonds in the sum of \$142,000, proceeds to be used together with an expected PWA grant of \$230,000 to finance the construction of new schools and additions to existing schools in Tucson. Expenditures would be made as follows: High school annex in Rincon Park, \$300,000; grammar school work, \$350,000; addition to high school stadium, \$35,263; Roy Place, 11 E. Fremington St., Tucson, is the architect for the high school annex. M. H. Starkweather, 40 W. Congress St., Tucson, is the architect for the Carrillo and Mission View grammar school additions. 15

BIDS WANTED
 LOS ANGELES, Cal.—Until July 1, 2 p.m., bids will be received by the L. A. Board of Education, 1425 San Pedro St., for a reinforced brick building for handicapped children to be built at John H. Francis Polytechnic high school, 400 W. Washington Blvd. Separate bids will be taken on the general work, plumbing, heating and electric work. It will be a U-shaped structure, 53 x 222 ft. in area, and will contain 5 classrooms, toilet rooms, auditorium to seat 125 persons and administration suite. Estimated cost, \$55,000. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

CONTRACT AWARDED

SAN FRANCISCO, Cal.—Standard Fence Co., 440 Bayshore Blvd., at \$5,936, awarded contract by the Department of Public Works, City Hall, for furnishing and installing on wood beams approximately 104 ft. of 2-in. No. 9 by 8-ft. chain link fabric galvanized after woven, at Patrick Henry School, Vermont St., between 18th and 19th Sts. * 15

Contract Awarded**SCHOOL BUILDINGS**

Contract Price, \$349,290
EAST BAKERSFIELD, Kern County
 Reinforced concrete school building to contain ten classrooms; 1000-seat auditorium; boys' gym, and completion of girls' gym at the East Bakersfield branch of Kern County High School.

Owner—Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Harvard Bldg., Bakersfield.
 Structural Engineer—Mark Falk, 2355 Gilroy St., Los Angeles.

Contractor—L. H. Hansen and Sons, Drawer N, Sta. A, Bakersfield.

Bids were:
 L. H. Hansen & Sons.....\$349,190
 J. K. Thomas, Long Beach.....362,217
 Trewthitt-Shields & Fisher,
 Fresno.....367,500

Plans Approved

SCHOOL Cost, \$.....
ORINDA, Alameda County, Calif.
 One-story frame and stucco grammar school to contain four classrooms.

Owner—Orinda School District.
 Architect—H. H. Weeks, 593 Market St., San Francisco.

Orinda School District voted bonds in the amount of \$30,000 to finance construction.

Plans have been approved by the State Division of Architecture.

Plans Completed

SCHOOL ADDN. Est. Cost, \$50,000
AVENAL, Kings Co., Calif. Avenal Branch of Lemoore High School. Construction of cafeteria addition to main school bldg. and doubling size of present shop bldg.

Owner—Lemoore Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Plans have been completed and forwarded to State Division of Architecture for approval.

BIDS WANTED

TULARE COUNTY, Calif.—Until June 30, 7:30 P. M., bids will be received by the East Lynne Grammar School District for adding to and remodeling a school near Visalia, Tulare County. Plans obtainable from John P. Perrine, 323 Bank of America Bldg., Visalia, upon deposit of \$10.00. * 15

BIDS OPENED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$1,965 submitted low bid to the Department of Public Works, Room 251 City Hall, for acoustical treatment in the cafeteria of Balboa School, Onadaga St. and Cayuga Ave.

Only other bid submitted by Robt. L. Cramer Co., at \$2500. * 15

BIDS WANTED

SAN FRANCISCO—Until June 29, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for linoleum laying at the following schools:

McKinley School, Castro and 14th Sts.; Grattan School, Grattan and Shrader Sts.; San Francisco Junior High School, Francisco and Powell

Sts.; Grant School, Pacific and Broadway Sts.

Specifications obtainable from Supt of Public Bldgs., R. A. Chisholm, 490 11th St. 15

CONTRACT AWARDED

SAN FRANCISCO.—M. J. King, 231 Franklin St., at \$2125 on item (a) Argonne School, and Jas. F. Smith, 271 Minna St., at \$4593 on item (b) Grattan School, awarded contracts by the Department of Public Works, City Hall, for interior and exterior plastering at the above schools. 15

BIDS WANTED

SAN FRANCISCO.—Until June 29, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for the installation of blackboard at the following schools:

Kate Kennedy School, 30th and Day Sts.; Adams School, Eddy St., bet. Polk and Van Ness Ave.; Golden Gate School, Golden Gate Ave., bet. Pierce and Scott Sts.; Edward Roberson Taylor School, Somerset and Bacon Sts.; Hancock School, north side of Filbert St., bet. Jones and Taylor Sts.; Fairmount School, NE cor. of Cheney and Randall Streets; Twin Peaks Primary School, Corbett Ave., bet. Iron and Copper Sts.; Fortala Jr. High School, Girard St., between Burrows and Bacon Sts.

Specifications obtainable from the office of City Architect, Charles H. Sawyer, Room 265, City Hall, upon deposit of \$10. * 15

CONTRACTS AWARDED

MONTEBELLO, Los Angeles Co., Cal.—W. E. Robertson, 1103 S. La Brea, Los Angeles, at \$43,187, awarded contract by Montebello Unified School District, for construction of temporary buildings at the Live Oak School; and T. P. Schultz, 1115 East Rosecrans, Compton, at \$12,500, was awarded contract for construction of temporary buildings at the Laguna School, and at \$17,000 for construction of an addition to the Bell Gardens Junior High School. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. 15

CONTRACT AWARDED

MONTEBELLO, Los Angeles Co., Cal.—Wm. T. Loesch, 119 E. Union, Pasadena, at \$138,877, awarded contract by Montebello Unified School District, for construction of four school buildings in Montebello, a PWA project. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. 15

June 21, 1938

June 21, 1938

CONTRACT AWARDED

FORT BRAGG, Mendocino Co., Cal.—Purbeck Paint Co., 116 Laurel St., Fort Bragg, at \$1,569.67, submitted low bid and awarded contract by the Fort Bragg Union High School and Fort Bragg Union School Districts, for painting the Fort Bragg Grammar School Building and the Fort Bragg Junior High Building.

Complete bids were:
 Purbeck Paint Company, Ft.

Bragg.....\$1,569.67
 Patterson Bros., Oakland.....1,570.00
 Stillberg & Son, Santa Rosa.....1,895.00
 Pacific Ptg. Co., Oakland.....1,900.00
 H. E. Limmerman, Ft. Bragg 2,890.00
 H. K. Lee, Fort Bragg.....3,468.00

Bids Opened**PORTABLES**

OAKLAND, Alameda Co., Cal. 47th Ave. and Foothill Blvd.
 Construction of six portables and moving and altering ten portables at the Fremont High Sch.

Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).

Low Bidder—John F. Tulloch, 335 Eighth St., Oakland—\$15,124.

Only other bid submitted by S. G. Johnson, Oakland, at \$16,460.

CONTRACT AWARDED

SANTA MARIA, Santa Barbara Co., Cal.—Doane Bldg. Co., 800 W. Main St., Santa Maria, awarded contract, at \$24,570, for construction of a classroom and convent building at St. Mary's Parish, Santa Maria. Geo. Adams, architect, 2430 Cascadia Dr., Glendale. 15

BIDS WANTED

LOS ANGELES, Cal.—Until June 30, 2 p.m., bids will be received by the L. A. Board of Education, 1425 San Pedro St., for completion of classroom and auditorium building at the Loreto Street School, 3403 Arroyo Pico Ave. Separate bids will be taken on the general work, plbg., heating and ventilating and the electric work. Alfred W. Rea and Chas. E. Garstang, architects. 15

BIDS WANTED

LOS ANGELES, Cal.—Until July 1, 2 p.m., bids will be received by the Long Beach Board of Education, 1425 San Pedro St., for a reinf. brick bldg. for handicapped children to be built at John H. Francis Polytechnic High School, 400 W. Washington Blvd. Separate bids will be taken on the general work, plumbing, heating and electrical work. Estimated cost, \$55,000. Plans prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

LOW BIDDER

RIVERSIDE, Riverside Co., Cal.—Harry Marsh, 3908 Beechwood, Riverside, submitted low bid to the Riverside Board of Education, at \$34,100, for a new shop building to be built at Riverside high school. G. Stanley Wilson, architect, 3616 Main St., Riverside. 15

LOW BIDDER

MONTEBELLO, Los Angeles Co., Cal.—W. E. Robertson, 1103 South La Brea, Los Angeles, submitted low bid to Montebello Unified School District, at \$82,558 (Bid No. 5, all work complete), for a 4-classroom addition to be built at the Bell Gardens Junior High School, and a group of temporary buildings to be built at the Live Oak School, the Bell Gardens School, and the Laguna School. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. 15

BIDS WANTED

TULARE CO., Cal.—Until June 30, 7:30 p.m., bids will be received by the East Lynne School District, R. A. Hawthorne, Clerk, for the additions and alterations to school building for the above District.

Plans and specifications may be obtained at the offices of John Paxton Perrine, 323 Bank of America Bldg., Visalia, California, upon deposit of \$10, returnable.

Bids must be accompanied by cashier's check, certified check or bidder's bond, of 10%, payable to the Clerk. * 15

BIDS WANTED

SAN FRANCISCO—Until June 29, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for the installation of

Kate Kennedy School, 30th and Day Sts.; Adams School, Eddy St., bet. Polk and Van Ness Ave.; Golden Gate School, Golden Gate Ave., bet. Pierce and Scott Sts.; Edward Robe-

son Taylor School, Somerset and Bacon Sts.; Hancock School, north side of Filbert St., bet. Jones and Taylor Sts.; Fairmount School, NE cor. of Chenery and Randall Sts.; Twin Peaks Primary School, Corbett Ave., bet. Iron and Copper Sts.; Portola Jr. High School, Girard St., between Burrows and Bacon Sts.
 Specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

Contracts Awarded
HIGH SCHOOL Cont. Pr., \$118,873
COALINGA, Fresno Co., Cal. Van Ness Ave. and Sunset Blvd.
 Construction of the Junior High School and Administration Bldgs.
Owner—Coalinga Union High School District, H. V. Dodd, Clerk.
Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.
Struc. Eng.—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—Midstate Constr. Co., Pacific Southwest Bldg., Fresno.
Barrett-Hicks Co., 1027 Broadway, Fresno, at \$14,429, awarded separate contract for plumbing and heating work. American Electric Co., 462 Bryant St., San Francisco, at \$8,615, awarded contract for electric work and International Business Machines Corp., 25 Battery St., San Francisco, at \$1,293, \$737 and \$1,678, awarded contracts for program clocks; telephone system and public address system.

Three low bids on each segregation follow:
General Work
 Midstate Construction Co., Fresno, \$118,873.
 L. H. Hansen & Sons, Fresno, \$119,423.
 O. N. Strauser, Los Angeles, \$119,830.

Plumbing and Heating
 Barrett-Hicks Co., Fresno, \$14,429.
 Scott Co., Inc., San Francisco—\$15,529.
 Frank Hudson, Fresno, \$15,533.
Electric Work
 American Electric Co., San Francisco, \$8,615.
 Allan Ochs, San Luis Obispo, \$9,887.
 Electric Constr. Co., Fresno, \$10,245.

Preparing Working Drawings
SCHOOL
SAN LUCAS, Monterey Co., Calif. School bldg. to contain three classrooms, auditorium, kitchen, etc. **Owner**—San Lucas School District. **Architect**—C. J. Ryland, 136 Bonifacio Pl., Monterey.
 The San Lucas School District recently voted bonds in the amount of \$45,000, proceeds to finance construction.

BIDS WANTED
ALAMEDA, Alameda Co., Calif.—Until July 5, 8 P. M., bids will be received by the Board of Education of the City of Alameda and of Alameda Unified School District for the lathing and plastering of Mastick School, located at Alameda.
 Plans and specifications may be obtained from the Secretary of the Board, Wm. G. Paden, at the Administration Building, Oak Street and Alameda Ave., Alameda, upon deposit of \$50.
 Bid must be accompanied by certified or cashier's check or bid bond for 10% of bid, payable to the Board of Education.

BIDS WANTED
SAN FRANCISCO.—Until June 29, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for fencing at following schools: Argonne School,

north side of Cabrillo St. bet. 17th and 18th Aves. (est. cost, \$1,644); Parkside School, 24th Ave. bet. Ulloa and Vincent St. (est. cost, \$2,224); and Yerba Buena School, Greenwich St. bet. Filmore and Webster Sts. (est. cost, \$1,152).
 Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall.

Contracts Awarded
HIGH SCHOOL Cont. Pr., \$118,873
COALINGA, Fresno County, Cal. Van Ness Ave. and Sunset Blvd.
 Construction of Junior High School and Administration Buildings.
Owner—Coalinga Union High School District, H. V. Dodd, Clerk.
Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Midstate Const. Co., Pacific Southwest Bldg., Fresno.
 Complete bids follow:

General Work
 Midstate Const. Co., Fresno, \$118,873
 L. H. Hansen & Sons, Fresno 119,423
 O. N. Strauser, L. A. 119,830
 R. Pedersen, Fresno, 121,608
 Trehwitt-Shields & Fisher, Fresno 125,397
 T. C. & W. H. Irwin, L. A. 129,629
 W. W. Petley, L. A. 132,976
 N. H. Sjoberg & Sons, Oakland 134,727
 H. A. Nichols, L. A. 136,866

Plumbing and Heating
 Barrett-Hicks Co., 1027 Broadway, Fresno (awarded) \$14,429
 Scott Co., Inc., S. F. 15,529
 Frank Hudson, Fresno, 15,533
 G. C. Bell, Oakland, 16,200
 Rudy Koller, Visalia, 17,184
 B. A. Newman, Fresno, 17,700
 Wm. McKinney, Visalia, 18,260

Electric Work
 American Electric Co., 462 Bryant St., S. F. (awarded) \$8,615
 Allan Ochs, San Luis Obispo, 9,887
 Electric Const. Co., Fresno, 10,245
 Frank Lynn, San Francisco, 11,149
 Robinson Electric Co., Fresno, 11,225

Program Clocks
 International Business Machine Corp., 25 Battery St., San Francisco (awarded) \$1,294

Telephone System
 International Business Machine Corp., 25 Battery St., San Francisco (awarded) \$ 573
Public Address System
 International Business Machine Corp., 25 Battery St., San Francisco (awarded) \$1,678
 Healey & Popovich, Fresno, 2,044

Sub-Contracts Awarded
RECONSTRUCTION
 Contract Price, \$49,355
OAKLAND, Alameda Co., Calif. So. side of 11th Street bet. 3rd and 4th Avenues.
 Reconstruction of existing building at Central Trade School.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland. (School Administration Bldg.)
Contractor—George Swanstrom, 1615 78th Ave., Oakland.
Concrete—Nat. Lena, 1174 19th Street, Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Lumber—Loop Lumber Co., Central Basin, San Francisco.
Mill Work—California Mill & Lumber Co., 1829 Webster St., Oakland.
Block Flooring—J. W. Bender Roofing & Paving Co., 18th and Bryant Sts., San Francisco.

Roofing—W. L. Saxhy, 4538 Fleming Ave., Oakland.
Plastering—C. H. Burnett and Son, 865 32nd St., Oakland.
Sheet Metal—Tohy Christiansen, 4444 Piedmont Ave., Oakland.
Miscellaneous Iron—C. Fraumeder, 335 Eighth St., Oakland.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Painting—J. J. Burdon & Son, 257 15th St., Richmond.
Finish Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.

Heating and Plumbing—The Scott Co., 113 Tenth St., Oakland.
Electric Work—Mason Elec. Equip. Co., 4155 Broadway, Oakland.
Bond Election
SCHOOL ADDN Cost, \$.....
SALINAS, Monterey Co., Cal. Alisal Elementary School.
 Addition of not less than 4 classrooms and an auditorium.
Owner—Alisal Union Elemen. School District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

The school district will vote July 12 on a proposal to issue bonds in the amount of \$48,000, proceeds to finance construction.

Completing Plans
STORE BLDG. Est. Cost, \$40,000
HILO, T. H.
 Two-story frame store building to contain drugstore and chop suey restaurant on first floor and offices on second floor.
Owner—Carmario Estate Bldg., Hilo.
Architect—C. W. Dickey, 405 SW Damon Bldg., Honolulu.
 Plans will be completed and bids asked in about one week.

Contracts Awarded
ALTERATIONS Cont. Pr., \$83,000
SEATTLE, Wash. Univ. of Washington.
 Alterations and additions to boiler plant at University.
Owner—Regents of the University of Washington.
Architect—Ebb & Gould, Hoge Bldg., Seattle.
Structural Engr.—S. Ivarsson, Skinner Bldg., Seattle.
Contractor—Gjarde Const. Co., Joshua Green Bldg., Seattle.
 Wenzler & Ward, Textile Tower, Seattle, at \$39,705 awarded piping contract; Link-Belt Co., 82 1st Ave., Seattle, at \$22,432 awarded conveyor work, and J. J. Agutter and Co., 609 Harrison St., Seattle, at \$11,315 was awarded contract for electric wiring.

BIDS WANTED
NEAR PHOENIX, Arizona.—Until July 11 bids will be received by Maricopa County School District for a brick auditorium building to be built at the Murphy school on Buckeye Road, near Phoenix. Est. cost, \$30,000. Orville A. Bell, architect, 310 Heard Bldg., Phoenix. 15

BIDS WANTED
SANTA PAULA, Ventura Co., Cal.—Until July 1, 7:30 p.m. (bid opening date postponed from June 15), bids will be received by the Santa Paula Union High School District for the construction of a reinf. conc. auditorium building (60 x 115 ft.) at the Santa Paula High School. Separate bids will be taken on the general work, electric wiring, heating and ventilating. Frederick Kennedy, Jr., architect, 1041 E. Green Street, Pasadena. Estimated cost, \$80,000. The original bid opening date was postponed because of an error in the legal advertisement. 15

Lighting System—To Close July 12, 2 P. M.
LIGHTING SYS. Cost, \$
SAN LUIS OBISPO, Cal. California Polytechnic School.
 Erection and completion of footfall field lighting system, consisting of wood poles, enclosed floodlights and underground wiring both primary and secondary.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building 15th and N Streets, Sacramento.
 Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Preliminary Plans Completed
HIGH SCHOOL Cost, \$227,000
SACRAMENTO CO., Cal., about 15 miles northeast of Sacramento. San Juan High School.
 High school plant to contain twelve classrooms, gymnasium, auditorium, agricultural shop, cafeteria, dramatic arts room, administration offices, and boiler room.
 Owner—San Juan Union High School District.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 The school district recently voted bonds in the amount of \$125,000 to aid in financing construction. Application filed for PWA grant of \$102,000.

Bond Election Planned
SCHOOL Est. Cost, \$75,000
HALF MOON BAY, San Mateo Co., Calif.
 Frame and reinforced concrete elementary school building.
 Owner—Half Moon Bay High School District.
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.
 The school district is planning to vote in the near future on a proposal to issue bonds in the amount of 55% of estimated cost.

Bids Wanted—To Close July 6, 7:30 P. M.
AGRICULT. BLDG Cost, \$18,000
VISALIA, Tulare Co., Cal.
 One-story reinforced concrete and steel agricultural building.
 Owner—Visalia Union High School District, Visalia.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Plans and specifications obtainable from the architect's office.
 Following contractors have taken out plans:
 Harris Constr. Co., 577 McKinley St., Fresno.
 Midstate Constr. Co., Pacific SW Bldg., Fresno.
 W. J. Ochs, Helm Bldg., Fresno.
 Trehwitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
 L. H. Hansen & Sons, P.O. Box 519, Fresno.
 T. C. & W. H. Irwin, 908 Mildreda St., Fresno.
 R. W. Brown Constr. Co., 400 N. C. St., Madera.
 R. Pedersen, 446 Clark St., Fresno.

Bonds Defeated
SCHOOL ADDITION Cost, \$.....
PLACERVILLE, Eldorado Co., Calif.
 Addition to the high school to contain gymnasium, science room & cafeteria.
 Owner—El Dorado Union High School District.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 The El Dorado Union High School District recently defeated bond issue in the amount of \$95,000, which proceeds were to have financed construction.

BIDS IN
FORT BRAGG, Mendocino Co., Cal.
 Bids received June 15 by the Fort Bragg Union High School District for furnishing and installing (1) 250 steel lockers and (2) 956 opera chairs, have been taken under advisement.
 Announcement later.

Bids Wanted—To Close June 30, 8:00 P. M.
ADDITION Est. Cost, \$6,500
RIO VISTA, Solano Co., Cal.
 One-story frame addition to present shower room, to consist of instructors' offices, girls' showers, and visiting team showers.
 Owner—Rio Vista Joint Union High School District (Mrs. Duncan McCormack, Clerk).
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Plans and specifications obtainable from the architect's office. Bids must be accompanied by bidder's bond, certified check or cashier's check for 10% of bid, payable to the Clerk.

16—BANKS, STORES AND OFFICES

Contract Awarded
ADDITION Cont. Fr., \$29,856
BAKERSFIELD, Kern Co., Cal. Bakersfield Californian.
 Two-story and basement reinforced concrete addition to the newspaper plant (brick veneer exterior).
 Owner—Bakersfield Californian.
 Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
 Contractor—Henry Eissler, 2229 18th St., Bakersfield.
 Gundlach Plumbing Co., 2324 Chester Ave., Bakersfield, awarded the plumbing contract, at \$1689. Electric work will be awarded later.

Bids In—Held Under Advisement
ALTERATIONS Cost, \$.....
SAN FRANCISCO, Grant Avenue at a Geary Street.
 Alterations to Junior shop on fifth floor and alterations to lingerie shop on second floor.
 Owner—Livingston Brothers, Inc.
 Architect—Albert R. Williams, 251 Post Street. 16

Preparing Plans
STORE BLDG. Cost, \$.....
CHICO, Butte Co., Calif.
 One-story frame and concrete store building to contain two stores; (composition roof).
 Owner—Withheld.
 Architect—Chester Cole, 4418 Second St., Chico.
Planned
DRIVE-IN-CAFE Cost, \$25,000
FRESNO, Cal. SW Cor. Blackstone and La Salle Sts.
 Construction of frame drive-in-cafe building.
 Owner—S. H. Flanigan, 584 Brown St., Fresno.
 Further announcement later. 16

Contract Awarded
ALTER STORES Cost, \$12,775
SAN FRANCISCO, NW Powell and Sutter Streets.
 Alterations to stores and offices.
 Owner—Chester N. Weaver, Sutter and Powell Streets.
 Architect—Not Given.
 Contractor—K. S. Parker Co., 135 So. Park. 16

Plans Completed
OFFICE BLDG. Est. Cost, \$15,000
WILLOWS, Glenn Co., Calif.
 Professional office building.

Owner—Harry McGowan, c/o Arch. Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Bids will be asked shortly.

PLANS BEING FIGURED
LOS ANGELES, Cal.—Architect J. A. Murrey, 6362 Hollywood Blvd., has completed plans and bids are being taken by the Harold Lloyd Corp., 1000 block S Las Palmas Ave., for a reinforced concrete market building (80x118-ft.) to be built at 1025 S Vermont Ave. 16

Plans Being Figured—Bids Close on June 28
ALTERATIONS AND ADDITIONS FRESNO, Fresno Co., Cal. NE Fulton and Merced Sts.
 Addition of two stories and alterations to present two-story bldg., interior and exterior remodel, air conditioning system, elevator, etc.
 Lessee—Montgomery, Ward & Co., Chicago, Ill.
 Plans by Engrg. Dept. of Lessee.

Separate bids for general construction, mechanical work and electric work will be opened in the Chicago office of Montgomery, Ward & Co.
 Following partial list of prospective bidders follows:

General Work
 The Austin Co., 1001 Ray Building, Oakland.
 Fisher-McNulty, Mattel Building, Fresno.
 L. H. Hansen & Sons, P.O. Box 519, Fresno.
 Harris Construction Co., 577 McKinley, Fresno.
 H. H. Larson Co., 64 South Park, San Francisco.
 Midstate Constr. Co., Pacific SW Bldg., Fresno.
 W. J. Ochs, Helm Bldg., Fresno.
 Trehwitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

Mechanical Work
 B. A. Newman Co., 320 N. H St., Fresno.
 Frank Hudson, P.O. Box 254, Fresno.
 Barrett-Hicks Co., 1027 Broadway, Fresno.
Electric Work
 Electric Constr. Co., P.O. Box 638, Fresno.
 Robnson Electric, 136 N. Van Ness, Fresno.
 Wessel Electric Co., Rte. 2, Box 173, Fresno.

17—THEATRES

Bids Opened
THEATRE
SONORA, Tuolumne Co., Calif.
 Theatre to seat 1000, of Moderne style, to be known as Harvey Theatre.
 Owner—Harvey Amusement Co., 291 Golden Gate Ave., San Francisco.
 Architect—Frederick W. Quandt, 401 Phelan Bldg., San Francisco.
 Low Bidder—Joel Johnson & Son, 1614 Church St., San Francisco, \$37,099.

Complete bids were:
 Joel Johnson & Son, S. F. \$37,099
 O. J. Scherer Co., Angeles Camp 37,990
 M. L. Cherry, Sonora 41,821
 Lindgren & Swinerton, Inc., San Francisco 41,833
 Moore & Roberts, S. F. 43,000
 Bids held under advisement.

PLANS BEING FIGURED
ROSEMEAD, Los Angeles Co., Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is taking bids from a selected list of contractors for an 800-seat Class C masonry theater to be built in Rosemead for the Edwards Theaters. 17

19—MISC. CONSTRUCTION

Plans Being Figured—Bids Close
 June 28, 11 A. M.
STORAGE TANKS Cost, \$.....
 SAN FRANCISCO. 430 Bush St.
 Installation of two storage tanks in basement of building, piping to gas exits, reinforcing concrete floor and electrical rearrangement on power board.
 Owner—Pacific Telephone & Telegraph Co., 444 Bush St.
 Plans by Engrg. Dept. of Owner.
 Plans are being figured by a closed selected list of contractors.

BIDS WANTED
 SACRAMENTO, Calif.—Until July 1, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-322, for use of tow boat: (a) operated by contractor on 8-hour shift basis, 100 shifts; (b) operated by contractor on hourly basis for 40 hours; fob Sacramento. * 19

CONTRACT AWARDED
 SAN FRANCISCO.—Jack Johnson Co., San Francisco, at \$1585, submitted low bid and awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-312, for furnishing approximately 348 squares of 3-ply rag felt and asphalt membrane waterproofing in place on a fortification structure at Fort Funston. Other bidders were: J. W. Bender Roofing & Paving Co., \$1910.52; Atlas Roofing Co., \$1927, and Malott & Peterson, \$1987.08. * 19

BIDS OPENED
 SAN FRANCISCO.—Independent Iron Works, 821 Pine St., Oakland, at \$175,680, submitted low bid to the U. S. Engineer Office, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 868-38-172, for constructing and delivering afloat two 500-c-y. welded steel dump scows at San Francisco Waterfront. Estimated cost, \$192,156.
 Total bids follow:
 Independent Iron Works, 821 Pine St., Oakland—\$175,680.
 Western Pipe & Steel Co., San Francisco—\$199,000.
 Pacific Coast Engineering Co., Inc., Oakland—\$214,000.
 Moore Dry Dock Co., Oakland—\$224,980.
 Commercial Iron Works, Portland—\$235,954.
 General Engineering & Dry Dock Co., San Francisco—\$244,686.
 Bethlehem Shipbuilding Corp., San Francisco—\$250,000.
 Southwest Welding & Mfg. Co., Alhambra—\$265,000. * 19

BIDS OPENED
 OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1037, for the removal of Mount Clair tank (216-100-gal. capacity), now located on Drake Drive near Snake Road, Oakland, to a new site on the Skyline Boulevard. Bids were:
 Pioneer Welding Co., Oakland, \$1020.
 Independent Iron Works, Oakland, \$1,400.
 Berkeley Steel Const. Co., Inc., Berkeley, \$1,650.
 Moore Dry Dock Co., Oakland, \$1,747.
 Eastbay Welders, Oakland, \$2,086.
 Steel Tank & Pipe Co., Oakland, \$2,270.
 General Welding Co., S. F., \$3,892.

Contract Awarded
 SUB-STATIONS Cost, \$.....
 SAN FRANCISCO-OAKLAND BAY BRIDGE.

Construction of three sub-stations, known as follows: Mole, Pacific Gas & Electric, and Sterling sub-stations.
 Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
 Plans by Engr. Dept. of Owner.
 Contractor—H. H. Larsen Co., 64 So. Park, San Francisco. *

Contract Awarded
 SUB STATION Cost, \$.....
 SAN FRANCISCO-OAKLAND BAY BRIDGE.

Construction of sub station known as the Island Sub Station.
 Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
 Plans by Engineering Department of Owner.
 Contractor — Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.

BIDS WANTED
 EUREKA, Humboldt Co., Calif.—Until June 28, 11 a.m., bids will be received by the Board of Supervisors of the County of Humboldt, at the office of the County Clerk, Fred M. Kay, for construction of a truss roof, also alternate bids for the construction of an arch rib truss roof over the grandstand at the grounds of the Ninth District Agricultural Association, known as "Redwood Acres," Eureka.

Plans and specifications may be seen at the office of the Clerk and obtained from I. W. East, 929 Second St., Eureka.
 Bid must be accompanied by cash or certified check for 5% of bid. * 19

June 20, 1938.

CONTRACTS AWARDED
 SAN FRANCISCO.—Cookson & Co., 964 Harrison St., at \$1,371, awarded contract by the State Board of Harbor Commissioners for 34 steel rolling doors; Otis Elevator Co., 1 Beach St., at \$14,408, awarded contract for freight elevator, and Fair Mfg. Co., 617 Bryant St., at \$1,492, awarded contract for two track aprons to be installed at the Products Terminal Bldg., Berry St., bet. Third Street and the Embarcadero.

CONTRACT AWARDED
 MEDFORD & ARLINGTON, Ore.—Dixie Electric Const. Co., Baker, Ore., at \$7,863.50 on items 1 and 2, and at \$8,390.50 on items 3 and 4, awarded contract by the Division of Purchases and Sales, Dept. of Commerce, Washington, D. C., for erection of steel tower antenna systems and radio facility buildings near Medford and Arlington, Ore. Prop. 29167. *

CONTRACT AWARDED
 YERBA BUENA SHOALS.—Jas. A. Nelson, Inc., 1375 Howard Street, San Francisco, at \$5,145 was awarded contract by the San Francisco Bay Exposition Co., 585 Bush Street, San Francisco, under Contract No. 199, for circulating equipment for lagoons. * 19

Contract Awarded
 ADDITION Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 Oak Hill Cemetery.
 Addition to mausoleum.
 Owner—Oak Hill Cemetery Assn.
 Architect—Vinder & Curtis, 25 West San Carlos St., San Jose.
 Contractor—Bridges Const. Co., 1398 Lincoln Ave., San Jose.

BIDS OPENED
 SAN FRANCISCO.—Department of Public Works, Bureau of Building Repairs, at \$2,723, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Contract No. 27, for alterations to service and main switchboard at the San Francisco City Hall.

Total bids follow:
 Department of Public Works, Bureau of Bldg. Repairs—\$2,723.
 Enterprise Electric Works—\$2,895.60
 Geo. H. Brayer—\$2,983.
 Alta Elec. & Mech. Co., Inc.—\$3,181.
 Atlas Elec. & Eng. Co.—\$3,209.
 Spencer Elec. Co.—\$3,271.
 Edw. J. Lynch Elec. Co., Inc.—\$3,482.

Abbett Elec. Co.—\$3,532.
 R. Flatlund—\$3,554. * 19

June 22, 1938.
CONTRACT AWARDED
 COOLIDGE, Pinal Co., Arizona.—Nordbert Mfg. Co., 417 S. Hill St., Los Angeles, at \$165,043, awarded contract by U. S. Indian Irrigation Service, for one complete generating unit consisting of engine, cooling water system, generator and exciter, switchboard, wiring and all auxiliaries for extension to existing generating station of San Carlos Indian Irrigation Project, Coolidge, Ariz. *

20— MISC. SUPPLIES AND MATERIALS

June 23, 1938
CONTRACT AWARDED
 LOS ANGELES, Calif.—Columbia Steel Co. at \$316,025.35, 1/2 of 1% 10 days, was awarded contract by the U. S. Engineer, Los Angeles, for 15-442,000 lbs. of steel reinf. bars fob contractor's plants or delivered to job site. Invit. No. 595. 20

June 23, 1938
CONTRACT AWARDED
 LOS ANGELES, Calif.—Blue Diamond Corp., Owl Truck & Materials Co., Pacific Rock & Gravel Co. and Manning Bros. Rock & Sand Co., bidding jointly, at \$139,200 awarded contract by U. S. Engineer, Los Angeles, for 50,000 c.y.; coarse aggregate; 30,000 c.y. sand; Inv. 575. 20

June 23, 1938
CONTRACT AWARDED
 LOS ANGELES, Calif.—Blue Diamond Corp., City Rock Co., Graham Bros. and Eastside Bldg. Materials Co., bidding jointly, at \$109,500 were awarded contract by U. S. Engineer, Los Angeles, for 48,000 c.y. of coarse aggregate and 30,000 c.y. sand; Inv. No. 573. 20

June 23, 1938.
CONTRACT AWARDED
 SAN FRANCISCO.—A. M. Castle & Co., 20th and Illinois Sts., San Francisco, at \$4.37 cwt., 1/2 % 30 da., was awarded contract by U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-227, for 6,680 lbs. steel; f.o.b. Fort Cronkhitte, Marin Co., Cal.

Identical bids at \$4.37 cwt., 1/2 % 30 days, were submitted by the following:
 A. M. Castle & Co.; Northern California Hardware & Steel Co.; Ducommun Metal & Supply Co.; Gilmore Steel & Supply Co., Inc.; Soule Steel Co.; Dunhan, Carrigan & Hayden Co.; Baker Hamilton and Pacific Co., and Taylor & Spotswood Co. * 20

June 23, 1938.

CONTRACTS AWARDED

SAN FRANCISCO—McPhail Fuel Co., 917 C St., San Rafael, at \$100,540 (Lot 1), and Bode Gravel Co., 235 Alabama St., San Francisco, at \$49,290 (Lot 2), were awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-176, for furnishing and delivering approximately 23,000 c.y. ready mix concrete for use in the construction of Seacoast Defenses at Fort Cronkhite, Marin Co.; and 9,000 c.y. ready-mix concrete at Fort Funston, San Francisco. Lot No. 1: ready mix concrete, Fort Cronkhite: (a) 18,400 c.y. Class A, (b) 5,100 c.y. Class B. Lot 2: ready mix concrete, Fort Funston: (a) 4,500 c.y. Class A, (b) 3800 c.y. Class B. * 20

BIDS OPENED

SAN FRANCISCO—Henry J. Kaiser, 666 Mission, San Francisco, at \$31,593.19, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2035, for furnishing and delivering crushed rock and aggregates for pavement construction to San Francisco Airport, San Mateo County.

- Bids taken on:
- 24,000 tons of crushed rock aggregate for asphaltic concrete;
 - 730 tons crushed rock, 2-in. to 1-in. size;
 - 150 tons crushed rock; ¾-inch to No. 10 mesh size;
 - 120 tons Pea gravel, ¾-in. to No. 10 mesh size;
 - 500 tons sand.

Bids were:

Henry J. Kaiser Co., 666 Mission, S. F., (1) \$1.19, (2) \$1.45, (3) \$1.45, (4) \$1.35, (5) \$1.35; total \$31,593.19.

South City Lumber Supply Co., South S. F., (1) \$1.395, (2) \$1.75, (3) \$1.75, (4) \$1.32, (5) \$1.32; total \$36,913.55.

Consumer's Rock & Cement Co., (1) \$1.54, (2) \$1.64, (3) \$1.64, (4) \$1.84, (5) \$1.64; total \$40,627.32.

Daniel Contracting Co., (1) \$1.64, (2) \$1.64, (3) \$1.64, (4) \$1.64, (5) \$1.64; total \$43,074.60.

John Cassaretto Co., (1) \$1.75, (2) \$1.75, (3) \$1.75, (4) \$1.75, (5) \$1.75; total \$45,949.33.

Golden West Quarry, (1) \$1.93, (2) \$1.93, (3) \$1.93, (4) \$1.50, (5) \$1.00; total \$50,159.35. * 20

BIDS OPENED

SAN FRANCISCO—South City Lumber Supply Co., Railroad and Spruce, South San Francisco, at \$4,295.10, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2037, for furnishing and delivering 3000 tons gravel to the San Francisco Airport (WPA).

Total bids follow:

South City Lumber Supply Co., Railroad and Spruce, South S. F., \$1.39 per ton; total \$4295.10.

Henry J. Kaiser Co., \$1.50 per ton; total \$4,635.00.

Consumer's Rock & Cement Co., \$1.64; total \$4,758.60.

Golden West Quarry, \$1.78; total \$5,500.20.

The above total bids include sales tax. * 20

CONTRACT AWARDED

BOULDER CANYON PROJECT—John W. Beam, Denver, Colo., at \$1,119.66, ¼ of 1%, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1064-D, for furnishing and delivering 7 transmitter mechanism for remote control switches for installation at Imperial Dam and Desilting Works, All-American Canal system. * 20

OCEAN LAKE, Lincoln Co., Ore.—BIDS WANTED

Until June 24, 8 p.m., bids will be received by Ocean Lake Water District, Ocean Lake, Ore., for construction of 100,000-gal. reservoir with fittings and connections. Certified check or bid bond, \$500, must accompany each bid. Plans and specifications are available from above upon payment of \$3.

CONTRACT AWARDED

SAN FRANCISCO—J. S. Guerin & Co., 720 Folsom St., at \$2.32 per bbl. disc. 10c bbl. 30 days, was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 204, for furnishing 150 bbls. Portland cement. * 20

CONTRACT AWARDED

PLACERVILLE, Eldorado Co., Cal.—Diamond Match Co., Chico, at (1) \$2.90 per ton; and (2) \$2.90 per ton, submitted low bid and was awarded contract by the Eldorado National Forest, F. F. Moran, Acting Forest Supervisor, Placerville, Cal., under Bid No. 89, for furnishing (1) 300 tons coarse aggregates; (2) 165 tons fine aggregates; f.o.b. Alder Creek Bridge, five miles east of River-ton, Eldorado County.

Total bids follow:

Diamond Match Co., Chico — (1) \$2.90 per ton, (2) \$2.90 per ton.

Ferkins Gravel Co., Sacramento, (1) \$4.95 crushed, \$4.70 screened and washed; (2) \$4.70.

Sterling Lumber Co., Placerville, (1) \$5.25 crushed, \$4.90 screened and washed; (2) \$4.90. * 20

BIDS OPENED

LOS ANGELES, Calif.—Columbia Steel Co. at \$316,025.35, ¼ of 1%, 10 days, submitted low bid to the U. S. Engineer, Los Angeles, for 15,442,000 lbs. of steel reinf. bars for contractor's plants or delivered to job site. Inv. No. 598. The bids were:

Columbia Steel Co., (3a) \$0.19925; (3b) \$0.202005; (3c) \$0.19925; (3a) \$0.19975; total, \$316,025.35; rob job site.

Leclere Steel Co., (3a) \$0.193; (3b) \$0.194, (3c) \$0.193; (3d) \$0.194; total, \$306,374.50; disc. ¼ of 1% 20 days; fob plant, Madison, Ill.

Sheffield Steel, Kansas City, Mo., (3a) \$0.27235; (3b) \$0.27245; (3c) \$0.27325; (3d) \$0.27425; bid not taken; disc. ¼ of 1% 10 days on cwt.; fob plant.

Truscon Steel Co., (3a) \$0.25825; (3b) \$0.25925; (3c) \$0.25835; (3d) \$0.25925; total, \$408,034.51; disc. ¼ of 1% 10 days; fob job site.

California Hardware Co., \$428,536.50; fob job site; disc. ¼ of 1% 20 days.

Los Angeles Iron & Steel Co., \$401-514; disc. ¼ of 1% 10 days; fob job site.

Bethlehem Steel Co., \$317,801.59; (3a) \$0.19985; (3b) \$0.202175; (3c) \$0.200075; (3d) \$0.20125; disc. ¼ of 1% on basing point value of \$0.1975; fob job site. * 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Southwestern Portland Cement Co., Roosevelt Bldg., at \$128,000 has been awarded contract by Metropolitan Water District, Los Angeles, for furnishing and delivering 80,000 bbls. of portland cement at west portal of San Jacinto tunnel; Spec. 279. * 20

BIDS WANTED

OAKLAND, Cal.—Until July 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District,

John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1041, for furnishing 85 tons liquid chlorine. Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until July 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS 218, for furnishing 700 gate valves. Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1032, for furnishing 4000 bbls. high early strength Portland cement and 1000 bbls. cement. Bids were:

Alta Bldg. Materials Co., Oakland, \$13,600.

Contra Costa Bldg. Materials Co., Oakland, \$13,600.

Henry Cowell Lime & Cement Co., Oakland, \$13,600.

Golden Gate Stucco & Bldg. Matl. Co., Oakland, \$13,600.

Chas. S. Hughes Co., Berkeley, \$13,600.

Albert C. Moe Concrete & Plaster Mats., Oakland, \$13,300.

Pacific Portland Cement Co., San Francisco, \$12,600.

Cowell Bros., \$13,600.

Rhodes & Jamieson, Ltd., Oakland, \$12,300.

Rhodes & Kennedy, Inc., Oakland, \$13,600.

Transit Concrete, Ltd., Oakland, \$13,600.

Calaveras Cement Co., San Francisco, \$11,900.

Central Bldg. Materials Co., Oakland, \$13,600. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1036, for furnishing approximately 97,086 FBM Oregon pine lumber. Bids were:

Baxter Lumber Co., \$5,241.10.

Bay City Lumber Co., \$5,145.65 (partial bid).

Eureka Mill Lumber Co., \$5,534.56.

Pope & Talbot, \$5,145.56.

Stapleton Lumber Co., \$5,857.80.

Tilden Lumber Co., \$5,126.23.

E. K. Wood Lumber Co., \$5,302.20.

Smith Lumber Co., \$5,145.56.

Hogan Lumber Co., \$5,165.06.

Long-Bell Lumber Co., \$4,417.01.

Piedmont Lumber & Mill Co., \$5,241.08.

Melrose Lumber & Supply Co., \$5,339.54.

Hill Lumber & Hardware Co., \$5,187.59.

Oakland Lumber Co., \$5,014.90 (partial bid). * 20

BIDS WANTED

SACRAMENTO, Cal.—Until June 30, 5 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-315, for furnishing and delivering 82,000 ft. b.m. of lumber for the construction of mattress revetment on the Sacramento River; f.o.b. shipping point and Sacramento, Cal.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Linde Air Products Co., 3710 San Pablo Ave., Oakland, at (1) \$1950; (2) \$4185; (3) \$64 and (4) \$149.50 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1028, for furnishing (1) 250,000 cu. ft. of oxygen gas, fob Oakland; and (2) 5,000 cu. ft. fob Stockton; (3) \$175,000 cu. ft. acetylene gas fob Oakland, and (4) 5,000 cu. ft. fob Stockton. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS 216, for street paving repairs, as follows:
 (1) 500 cu. ft. asphalt concrete base course, complete in place;
 (2) 125,000 sq. ft. asphalt street paving repairs, comp. surf. course;
 (3) 3,500 cu. yds. concrete wet mix delivered in trench exclusive of spreading.

Bids were:
 Melrose Bldg. Materials Co., Oakland, (3) \$24,220.
 Transit Concrete, Ltd., Oakland, (3) \$24,500.
 Chas. S. Hughes Co., Berkeley, (3) \$25,200.
 Ransome Co., Emeryville, (1) \$265; (2) \$31,875.
 Rhodes & Kennedy, Inc., Oakland, (3) \$26,950.
 W. H. Larson, Oakland, (1) \$285; (2) \$35,000. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 204, for furnishing 160 barrels of Portland cement; fob San Francisco Pier No. 30. Bids were:
 G. Mazzer Co., \$2.70 per barrel, total \$432; 10c bbl. disc.; 3% 30 days.
 John Cassaretto Co., \$3, \$480; 2% 30 days.

S. F. Metals Co., \$3, \$480; 10c bbl.; 30 days.

Mission Bldg. Materials Co., \$2.70, \$432; 10c bbl., 30 days.

Henry Covell Lime & Cement Co., \$2.32, \$371.20, 10c bbl.; 30 days.

Pacific Portland Cement Co., \$2.32, \$371.20, 10c bbl.; 30 days.

Ready Mix Concrete Co., Ltd., \$2.70, \$432; 2% 30 days.

Bode Gravel So., \$2.52, \$403.20, 10c bbl., 30 days.

Golden Gate Atlas Materials Co., \$2.70, \$432; 10c bbl.; 30 days.

Yosemite Portland Cement Co., \$2.32, \$371.20, 10c bbl., 10th prox.

J. S. Guerin & Co., \$2.32, \$371.20, 10c 30 days.

San Francisco Gravel Co., \$2.70, \$432 10c, 30 days.

Santa Cruz Portland Cement Co., \$2.32, \$371.20, 10c bbl. 10th prox. * 20

BID OPENED

SAN FRANCISCO.—The Pacific Lumber Company, 100 Bush Street, at (1) \$54, (2) \$142.50 submitted only bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-195, for furnishing (1) 700 gallon tank with drain; and (2) 2400 gal. tank with draft. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District

Engineer, 208 Post Office Building, Sacramento, under Circ. Prop. No. 1105-35-289, for furnishing and delivering miscellaneous castings, etc.

Bids taken on:
 (1) 5 dredge pump head liners (engine side);
 (2) 5 dredge pump head liners (suction side);
 (3) 5 dredge pump suction mouth-piece liners.

F.o.b. Rio Vista.
 Bids were:
 Stockton Iron Works, Stockton, (1) \$329.50 ea., (2) \$277 ea., (3) \$122.50 ea.; 1% 10 days.

Golden Gate Miners Iron Works, San Francisco, (1) \$330 ea., (2) \$272 ea., (3) \$135 ea.; net.

Union Machine Co., (1) \$350 each, (2) \$300 each, (3) \$155 each; net.
 General Engineering & Dry Dock Co., Oakland, (1) \$642 total, (2) \$1,457 total, (3) \$1805 total; net.

Pacific Dry Dock & Repair Co., Oakland, (3) \$194 each; no disc.

General Metal Corp., Oakland, (1) \$318.70 ea.; (2) \$262 ea.; (3) \$139.15 ea.; 1/4 of 1% 10 days.

Bethlehem Shipbuilding Corp., San Francisco, (1) \$330 each, (2) \$295 each, (3) \$150 each; no disc.

Monarch Foundry & Eng. Corp., (3) \$115 each; net.
 Elec. Steel Foundry Co., (1) \$290 each; (2) \$241 each; (3) \$111.40 each; net. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-222, for furnishing (1) Douglas fir lumber and plywood; and (2) nails.

Bids were:
 Rolando Lumber Co., (1) \$883.96, 2% 30 days.

White Bros., (1) \$972.47; 2% 30 da.
 Baker Hamilton & Pacific Co., (2) \$53.95; 2% 30 days.

Gilmore Steel & Supply Co., (2) \$53.65; 2% 30 days.
 Smith Lumber Co., (1) \$810.68; 2% 10 days.

Loop Lumber Co., (1) \$521.47 (alt.); 2% 30 days.

U. S. Plywood Corp., (1) \$571.52 (alt.), \$601.60 (2nd alt.); 2% 30 da.

General Machinery & Supply Co., (2) \$56.25; 2% 30 days.
 Dunhan Carrigan & Hayden Co., (2) partial bid, no total; 2% 30 da.

Jones Hardwood Co., (1) \$769.50; 2% 10 days. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-199, for (1) 190 rolls asphaltic roofing; and (2) 12 gals. additional lap cement.

Bids were:
 Solback & Nussbaum, (1) \$1.28, (2) \$0.46; 2% 10 da.

Certain Feed Products, (1) \$1.51, (2) \$0.485; 2% 10th prox.

W. P. Fuller & Co., (1) \$1.38, (2) \$0.385; 2% 30 da.

Johns - Manville Sales Corp., (1) \$1.51; (2) \$0.51; 2% 10th prox.

El Rey Products Co., Los Angeles, (1) \$1.51, (2) \$0.51; 2% 10th prox.

Baker-Hamilton & Pacific Co., (1) \$1.28, (2) \$0.385; 2% 30 days.

Zellerbach Paper Co., (1) \$1.46, (2) \$0.36; 2% 30 days.
 Dunhan Carrigan & Hayden, (1) \$1.38, (2) \$0.385; 2% 30 days.

Standard Distributing Co., (1) \$1.28, (2) \$0.48; 2% 30 days.
 The Paraffine Companies, Inc., (1) \$1.51, (2) \$0.54; 2% 10 days.
 Bay Cities Asbestos Co., (1) \$1.51,

(2) \$0.51; 2% 10th prox.
 Gross Co., \$218 (total for lot), 2% 30 days.

Pioneer Division, Flintcoote Co., (1) \$1.51, (2) \$0.51; 2% 10th prox. * 20

BIDS OPENED

OAKLAND, Cal.—E. K. Wood Lbr. Co., Frederick and King Sts., Oakland, at \$3,979 submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 180,000 FBM green timber for decking, stingers, etc., for wharf, Inner Harbor, Oakland.

Total bids follow:
 E. K. Wood Lumber Co., \$3,979.00
 Oakland * 20
 Oakland Lumber Co. 4,171.71
 Smith Lumber Co. 4,198.03
 Melrose Lbr. & Supply Co. 4,541.72 * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$20; 5269 Broadway, Oakland; owner and contractor, C. A. Miner, Prem.

ALTERATIONS, \$250; 629 66th St., Oakland; owner, F. F. Kallstrom, Prem.

ALTERATIONS, \$300; 5860 Ocean View Dr., Oakland; owner, K. L. Beaver, Prem.; contractor, H. Glynn, 6023 Colby St.

ADDITION, \$200; 2462 Mavis St., Oakland; owner and contractor, H. A. Johnson, Prem.

ALTERATIONS, \$500; 980 44th St., Oakland; owner, Eugene Lamoureux, Prem.; contractor, J. A. Sutton, 363 23rd Ave.

REPAIRS, \$200; 2419 Monticello Avenue, Oakland; owner and contractor, Thos. and Mary Carolan, Prem.

REPAIRS, \$50; 1044 91st Ave., Oakland; owner and contractor, Joe Nobrega, Prem.

ALTERATION, \$350; 1516 68th Ave., Oakland; owner, Frank Cabral, Prem.; contractor, L. L. Parrish, 3015 School St.

SIGN, wood, \$10; 5835 San Pablo Ave., Oakland; owner and contractor, Jos. Meroni, Prem.

SIGN, metal, \$5.00 each; 800 Jefferson St., Oakland; owner and contractor, Jack Seigel, Prem.; also two wood signs, \$5 each.

SIGN, electric, \$200; 7890 Foothill Boulevard, Oakland; owner, Mrs. Pugh, Prem.; contractor, Radiant Neon Display, 786 22nd St.

SIGN, electric, \$60; 3200 Lakeshore Ave., Oakland; owner, Acme Photo Service, Prem.; contractor, Radiant Neon Displays, 786 22nd St.

SIGN, electric, \$100; 1816 E. 14th St., Oakland; owner, A. Fernandez, Prem.; contractor, Radiant Neon Displays, 786 22nd St.

SIGN, electric, \$125; 2003 Hopkins St., Oakland; owner, Ling Fong Rest., Prem.; contractor, Radiant Neon Displays, 786 22nd St.

SIGN, electric, \$100; 921 Broadway, Oakland; owner, Mr. Jardine, Prem.; contractor, Radiant Neon Displays, 786 22nd St.

SIGN, electric, \$125; 2419 San Pablo Ave., Oakland; owner, Nu Box Lunch, Prem.; contractor, Radiant Neon Displays, 786 22nd St.

SIGN, metal, \$35; 4252 Broadway, Oakland; owner, The Paraffine Co., Prem.; contractor, Radiant Neon Displays, 786 22nd St.

SIGN, metal, \$100; Cor. 24th, 26th & Harrison St., Oakland; owner & contractor, Parr Terminal, Oakland.

SIGN, metal, \$100; 1836 63rd St., Berkeley; owner, P. Andreussotti, 1220 Peralta; contractor, Joe Benassini, 620 51st St., Oakland.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Drudging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

BIDS WANTED

CENTRAL VALLEY PROJ., Calif.
—As previously reported, until July 11, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 792, for the construction of the Sacramento River Bridge, first crossing, relocated S.P. Railroad, Kennett Division, Central Valley Project. Work is located nr. Redding.

The bridge will be of steel. The three river spans will be supported on four reinforced concrete piers in the river channel and the approach spans will be supported on 68 steel hents supported on concrete pedestals. The bridge will be curved and will have a total length of 4,346 feet 8 1/2 inches. Each of the three river spans will be approximately 169 feet long and the 71 approach spans will be from 35 to 80 feet long. The work is divided into two schedules, one of which covers the construction of the reinforced concrete abutments, pedestals and piers and alterations to Riverside Drive under the south end of the bridge; and the other covers the furnishing, erecting and painting of the steel superstructure, the construction of the timber deck and the laying of the track. Bids will be considered on either or both of the following schedules. Bidders may make such stipulations as they desire regarding a combination of the schedules, but no bid will be considered for only a part of either schedule. Provided, that items 15 and 16 of Schedule No. 2 are alternative items, and award of contract will not be made for both of these items.

Estimated quantities and items are as follows:

SCHEDULE NO. 1

- Abutments, pedestals, and piers, and alterations to Riverside Drive.
- (1) 39,000 c.y. excav. for abutments and pedestals;
 - (2) excav. and backfill for piers Nos. 1, 2, 3, and 4 to elevations shown on attached drawings, lump sum;
 - (3) 200 c.y. excav. for piers Nos. 1, 2, 3, and 4 below elevations shown on attached drawings;
 - (4) 140 c.y. removal of pavement of Riverside Dr.;
 - (5) 700 c.y. excav. for Riverside Dr.;
 - (6) 7,410 c.y. conc. in abutments and pedestals;
 - (7) 970 c.y. conc. in piers Nos. 1, 2, 3 and 4 below top of footings at approx. elevation 465.0;
 - (8) 4,450 c.y. conc. in piers Nos. 1, 2, 3 and 4 above top of footings at approx. elevation 465.0;

- (9) 25 c.y. conc. in curbs of Riverside Dr.;
- (10) 456,000 lbs. placing reinf. bars;
- (11) 33,000 lbs. placing rag bolts, anchor bolts, and anchor-bolt sleeves;
- (12) 40 l.f. laying 4-in. diam. sewer pipe with cemented joints;
- (13) 32,000 c.y. backfill about abutments and pedestals;
- (14) 400 c.y. puddling or tamping backfill about abutments and pedestals.

SCHEDULE NO. 2

Items 15 and 16 of the following schedule are alternative items, and award of contract will not be made for both of these items.

Superstructure

- (15) furnishing all materials, labor and equipment and fabricating, erecting, and painting the Sacramento River Bridge, first crossing, except earthwork, concrete piers, concrete abutments, concrete pedestals, timber deck, timber walkways, timber handrails, and track; complete in accordance with the attached specifications and drawings, shipment of materials to Redding, Calif., to be made on commercial bills of lading at the expense of the contractor, lump sum;
 - (16) furnishing all materials, labor, and equipment and fabricating, erecting, and painting the Sacramento River Bridge, first crossing, except earthwork, concrete piers, concrete abutments, concrete pedestals, timber deck, timber walkways, timber handrails, and track; complete in accordance with the attached specifications and drawings, shipment of materials to Redding, Cal., to be made on Government bills of lading, lump sum;
 - (17) constructing timber bridge deck, walkways, and handrails and laying track; complete in accordance with the attached specifications and drawings, lump sum.
- Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.50, not returnable. * 21

CORRECTION, BIDS WANTED

YOLO CO., Cal.—Until July 6, 2:00 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge across Cache Creek about 3 1/2 miles northwest of Rumsey and approximately 0.5 mi. of approach to be

graded and road-mix surfacing treatment applied, Yolo County, Calif.

Work involves:

- (1) 26 sta. clear and grub;
- (2) 215 M. gals. water;
- (3) 15,400 c.y. roadway excavation, without classification;
- (4) 1,500 c.y. heavy riprap;
- (5) 1,800 c.y. struc. excav.;
- (6) 4,200 c.y. import borrow;
- (7) 31,200 sta. yds. overhaul;
- (8) 26 sta. finish roadway;
- (9) 7,250 sq. yds. preparing, mixing and shaping roadbed;
- (10) 45 tons liq. asph. ROMC-3, 4 or 5 road mix surf. treatment;
- (11) 8.8 tons liq. asph. SC-2, prime coat and penetration oil treatment;
- (12) 260,000 lbs. bar rein. steel;
- (13) 280 c.y. Class A portland cement concrete footing blocks;
- (14) 1,015 c.y. class A portland cement concrete structures;
- (15) 33 c.y. Class A portland cement concrete railing;
- (16) 90 c.y. class A portland cement concrete slope pave;
- (17) 2,700 lbs. misc. steel;
- (18) 184 l.f. 24-in. CMP;
- (19) 78 l.f. remove and relay culvert pipe;
- (20) 300 l.f. laminated guard railing;
- (21) 16 each, culvert markers;
- (22) 12 each, guide posts;
- (23) 12 each, monuments;
- (24) 1 lot, misc. items of work.

Plans and specifications may be obtained from the above office.

Item 8 previously reported incorrect. * 21

BIDS WANTED

KERN CO., Cal.—Until July 5, 10 a. m., bids will be received by the State Division of Highways, E. T. Scott, District Engineer, District VI, State Highway Bldg., Fresno, for construction of a reinforced concrete slab bridge across Calloway Canal, about 3 miles west of Bakersfield, Kern County, Calif.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

FRESNO & MADERA COUNTIES, Cal.—Until July 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a bridge across San Joaquin River about four miles northeast of Auberry, consisting of a through steel truss span with timber stringer approach spans and concrete decks, Fresno and Madera Counties.

Work involves:

- (1) 100 c.y. struc. excav.;
- (2) 40,000 lbs. bar reinf. steel;
- (3) 315 c.y. Class A Portland cement concrete;
- (4) 192,000 lbs. struc. steel;
- (5) 2,200 lbs. CBM steel;
- (6) 18 MFPM treated Douglas fir timber;
- (7) 522 l.f. timber railing;
- (8) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until July 14, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete girder bridge, consisting of six 61-ft. 0-in. spans and

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

two 20-ft. 0-in. cantilever spans at Santa Ana River one mile east of Colton, San Bernardino County.

- Work involves:
- (1) 3,000 c.y. struc. excav.;
 - (2) 245,000 lbs. bar reinf. steel;
 - (3) 2,140 c.y. Class A Portland cement conc. struc.;
 - (4) 39 c.y. Class A Portland cement conc. railing;
 - (5) 132 MFMB treated Douglas fir timber;
 - (6) 12,000 lf. furnish treated Douglas fir piles;
 - (7) 470 each driving 60;
 - (8) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. 21

BIDS WANTED

ORANGE COUNTY, Calif.—Until July 14, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete girder bridge across Santiago Creek, 1/4 mile south of Orange, consisting of one 91 ft. 0-in. span and two 49-ft. 0-in. spans on conc. piers and abutments, Orange County.

- Work involves:
- (1) 1 lot existing truss spans removed and disposed of;
 - (2) 450 c.y. remove existing conc.;
 - (3) 2,200 c.y. struc. excav.;
 - (4) 321,000 lbs. bar reinf. steel;
 - (5) 1,670 c.y. Class A Portland cement conc. struc.;
 - (6) 20 c.y. Class A Portland cement conc. railing;
 - (7) 400 lbs. misc. iron and steel;
 - (8) 10 c.y. rubble masonry;
 - (9) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. 21

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 14, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of three 40-ft. reinforced concrete slab spans on concrete piers and abutments as an extension to an existing bridge over Arroyo Seco Parkway at Ave. 60, and surfacing with asphalt concrete the northerly approach and roadway on the extension in Los Angeles Co.

- Work involves:
- (1) 800 c.y. remove concrete;
 - (2) 10,000 c.y. rdwy. excav.;
 - (3) 1,500 c.y. struc. excav.;
 - (4) 1,200 sq. yds. preparing sub-grade;
 - (5) 400 tons asph. conc.;
 - (6) 327,000 lbs. bar reinf. steel;
 - (7) 1,700 c.y. Class A Portland cement conc. struc.;
 - (8) 37 c.y. Class A Portland cement conc. railing;
 - (9) 40 c.y. Class C Portland cement conc. backfill;
 - (10) 400 lbs. misc. iron and steel;
 - (11) 204 lf. 27-in. reinf. conc. pipe, centrifugal type;
 - (12) 48 lf. 18-in. CMP;
 - (13) 22 lf. 21-in. CMP;
 - (14) 250 lf. remove, clean and salvage existing pipe drains;
 - (15) 55 c.y. Class A Portland cement conc. curbs, gutters and sidewalks;
 - (16) 300 sq. yds. membrane waterproofing;
 - (17) 950 c.y. sand fill;
 - (18) 1 lot elec. eqtpt.;
 - (19) 1 only manhole;
 - (20) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. 21

BIDS OPENED

PLUMAS CO., Cal.—Campbell Construction Co., 800 R St., Sacramento, at \$63,891, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing bridges at Rock Creek, Chipps Creek and Yellow Creek; a culvert at Little Indian Creek, and about one-quarter mile grading roadway, Plumas County, Cal.

- Work involves:
- (1) 180 c. y. exist. conc. remove and dispose of;
 - (2) 75,000 lbs. exist. struc. steel removed and salvaged;
 - (3) Clear and grub;
 - (4) 24 M. gals. water;
 - (5) 18,000 c.y. roadway excav., without class.;
 - (6) 3,300 c.y. struc. excav.;
 - (7) 58,000 sta. yds. overhaul;
 - (8) 14 sta. finish roadway;
 - (9) 138,200 lbs. bar reinf. steel;
 - (10) 286 c.y. Class A portland cement concrete footing blocks;
 - (11) 992 c.y. class A portland cement concrete strucs.;
 - (12) 65,000 lbs. struc. steel;
 - (13) 620 lbs. cast steel;
 - (14) 478 lf. timber railing;
 - (15) 38 lf. remove, clean and salvage pipe culverts;
 - (16) 6 each, clearance markers;
 - (17) 1 lot temporary rail and bents;
 - (18) remove and salvage detour bridge;
 - (19) 1 lot misc. items of work.

Total bids follow:
 (A) Campbell Constr. Co., 800 R St., Sacramento—\$63,891.

(B) A. Soda & Son, Oakland—\$71,584.

Unit prices follow:

	(A)	(B)
(1).....	\$ 8.25	\$ 6.00
(2).....	.0125	.02
(3).....	200.00	500.00
(4).....	3.00	3.00
(5).....	.60	.80
(6).....	2.75	2.10
(7).....	.015	.02
(8).....	9.00	20.00
(9).....	.05	.05
(10).....	15.00	20.00
(11).....	22.00	23.00
(12).....	.0725	.08
(13).....	.40	2.00
(14).....	1.75	2.00
(15).....	.75	5.00
(16).....	6.75	10.00
(17).....	140.00	1300.00
(18).....	400.00	700.00
(19).....	900.00	1362.00

* 21

CONTRACT AWARDED

YUBA CO., Cal.—Valley Const. Co., 47 W. Santa Clara Ave., San Jose, at \$49,734, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge and about 0.2 mile of roadbed to be graded and seal coat applied at Dry Creek, about 13 miles east of Marysville, Yuba Co. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SANTA ANA, Orange Co., Cal.—Until July 5, 10 a.m., bids will be received by the Orange County Supervisors for the construction of grade and drainage structures on the Atchison, Topeka & Santa Fe Ry., between Corona and Scully Station, and portions of state highway (VIII-Riv-43-A), occasioned by the construction of the Prado retarding basin, Riverside Co. A charge of \$3 will be made for plans, not return-

able. Certified or cashier's check or cash for 10% must accompany each proposal.

- Revised quantities are:
- (1) 446 sta. clear and grub;
 - (2) 10,340 M. gals. watering;
 - (3) 736,625 c.y. roadway excav.;
 - (4) 6,841 c.y. struc. excav.;
 - (5) 3,862,872 sta. yds. overhaul;
 - (6) 2,358 tons mineral aggregates, plant mixed surf.;
 - (7) 123 tons liq. asph., MC-5 or MC Extra Heavy (plant mix);
 - (8) 11 tons liq. asph., MC-2 (plant mix);
 - (9) 8 tons liq. asph., MC-3 (seal coat);
 - (10) 66 tons screenings (seal coat);
 - (11) 375,502 lbs. reinf. steel;
 - (12) 3,717 c.y. conc. (structure);
 - (13) 70 ft. 18-in. CMP;
 - (14) 390 ft. 24-in. CMP;
 - (15) 344 ft. 36-in. CMP;
 - (16) 68 ft. 48-in. CMP;
 - (17) 38 ft. 54-in. CMP;
 - (18) 24 ft. 24-in. BX 2000 D reinf. conc. pipe;
 - (19) 30 ft. 30-in. BX 2000 D reinf. conc. pipe;
 - (20) 120 ft. 42-in. BX 2000 D reinf. conc. pipe;
 - (21) 80 ft. 48-in. BX 2000 D reinf. conc. pipe;
 - (22) 160 ft. 18-in. CX 3000 D reinf. conc. pipe;
 - (23) 72 ft. 24-in. CX 3000 D reinf. conc. pipe;
 - (24) 136 ft. 48-in. CX 5000 D reinf. conc. pipe;
 - (25) lump sum, extend existing wooden culvert;
 - (26) 3.89 ml. new property fence (highway type);
 - (27) 10.65 ml. property fence (R. R. type);
 - (28) 12 each, farm gates (R. R. type);
 - (29) 12 each, drive gates (highway type).

M. N. Thompson, Chief Engineer, Orange County Flood Control District. * 22

COMPLETE BIDS

CLACKAMAS COUNTY, Oregon—Babler Bros., Portland, Oregon, at \$191,610, submitted low bid to the U. S. Engineer Office, District Engineer 628 Pittcock Block, Portland, Oregon, under Bid No. 608-38-621, for bank clearing, bank sloping, gravel borrow, gravel excavation and channel excavation and the construction of approximately 13,000 feet of stone riprap revetment and construction of approximately 1,300 feet of stone dikes, located in the Molalla River District Improvement Co., Clackamas County, Oregon.

- Total bids follow:
- (A) Babler Bros., Portland, Oregon \$191,610.00
 - (B) Kern and Kibbie Portland 196,323.00
 - (C) Guy F. Atkinson, Company, Portland 214,702.00
 - (D) E. C. Hall Co., Eugene, and A. C. Greenwood, Inc., Portland, 247,328.00
 - (E) Contracting Officer's estimate 256,029.30

COMPLETE BIDS

LANE CO., Oregon.—The United Contracting Co., Portland, Ore., at \$48,755, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-613, for bank clearing, bank sloping, gravel borrow and gravel excavation and construction of approximately 3,780 feet of rock riprap revetment, located in the Lane County District Improvement Co. No. 1, at Marshall Island, 170 miles above the mouth of Willamette River, Lane Co., Oregon.

Work Involves:

- (1) 0.5 acre bank clearing;
- (2) 600 c.y. bank sloping;
- (3) 13,600 c.y. gravel excav.;
- (4) 1300 c.y. gravel borrow;
- (5) 18,400 tons rock riprap, in place;
- (6) 6200 sta. yds. overhaul.

Total bids follow:

- (A) The United Contracting Co., Portland, Ore.—\$48,755.00.
- (B) E. C. Hall Co., Eugene, Ore.—\$49,495.
- (C) Wren & Greenough, Portland—\$50,580.
- (D) Kern & Klibbe, Portland—\$52,578.
- (E) F. C. Dillard, Medford—\$54,878.
- (F) Kuckenberg Constr. Co., Portland—\$57,650.
- (G) A. C. Greenwood Co., Inc., Portland—\$57,840.
- (H) Edlefsen-Weygandt Co., Portland—\$57,957.
- (I) Pacific Const. Co., Seattle—\$66,396.00.
- (J) Leonard & Slate, Multnomah—\$67,824.
- (K) Contracting officer's estimate—\$67,502.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	\$500	\$0.70	\$0.60	\$0.75	\$2.10	\$0.05
(B)	400	30	25	25	2.40	0.05
(C)	400	50	50	50	2.30	0.05
(D)	300	1.00	35	30	2.52	0.05
(E)	800	50	40	50	2.60	.04
(F)	400	60	60	60	2.60	.05
(G)	300	1.00	50	70	2.65	.10
(H)	400	75	45	45	2.74	.03
(I)	200	50	80	50	2.95	.03
(J)	400	1.00	60	60	3.15	.02
(K)	1740	94	91	1.00	2.78	.20

BIDS OPENED

PORTLAND, Ore.—Pacific Bldg. Materials Co., Portland, at \$15,437.50 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-612, for channel clearing of gravel, trees, brush snags and other debris from Lambert Slough, Willamette river, consisting of approximately 6.5 acres clearing and the excavation and disposal of approximately 65,000 c.y. of silt, sand, and gravel.

Total bids follow:

- Pacific Bldg. Materials Co., Portland \$15,437.50
- Saxton, Looney & Risley, Oak Grove 17,225.00
- Pacific Const. Co., Seattle 17,387.50
- Kuckenberg Const. Co., Portland 17,550.00
- Kern & Klibbe, Portland 18,657.50
- Williamette Tug & Barge Co., Portland 19,110.00
- A. C. Greenwood Co., Inc., Portland 20,150.00
- F. C. Dillard, Medford, Ore. 22,750.00
- Leonard & Slate, Multnomah 22,750.00
- C. T. Malcolm, Portland 26,650.00
- Contr. Officer's estimate 19,662.50

BIDS OPENED

SAN DIEGO, Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at \$0.395 cu. yd., submitted low bid and was recommended for award of contract by Public Works Officer, 11th Naval District, San Diego, for dredging approach to East Beach at the Naval Operating Base (Air Station), San Diego, Spec. #758. The work consists of the dredging of an approach area in the vicinity of the east beach ramps at the Naval Air Station. The amount to be dredged, including allowable overdepth, is 12,000 cu. yds., more or less.

Other bids were:

- Wilmington-Newport Dredging Co., \$0.46 cu. yd.
- Arthur S. Johnson, \$0.649 cu. yd.

BIDS WANTED

PEARL HARBOR, T. H.—Until July 20, 11:00 A. M., bids will be re-

ceived by the U. S. Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8702, for dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Estimated cost \$1,400,000.

Plans and specifications may be obtained from the above office or from the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00. 22

BIDS WANTED

MENDOCINO AND LAKE COS., Calif.—Until July 1, 11 a.m., bids will be received by the State Division of Highways, Department of Public Works, G. F. Bellescoe, Acting District Engineer, 546 W. Washburn Ave., Eureka, for the rental of one only $\frac{1}{2}$ -cu. yd. power shovel equipped with clamshell bucket, boom, and trailer, for 600 hours' use in Mendocino and Lake Counties, Cal.

Bids must be submitted on proposal blanks obtained at the above office. 22

23—CANALS

CONTRACT AWARDED.

ALL-AMERICAN CANAL.—Atlas Constr. Co., 39 Congress St., Pasadena, at \$262,240, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 766, for construction of structures, Station 1898-00 to Station 3416-40, All-American Canal, and Station 21-68.41 to Station 95-83, New Briar Canal, All-American Canal System, Boulder Canyon Project. The work is located from 4 to 32 miles east of Calexico, California. 23

BIDS OPENED

BOISE PROJECT, Idaho.—J. A. Terteling & Sons, Boise, at \$239,406.50, submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 790, for the construction of earthwork, tunnel, canal lining and structures, Black Canyon Canal, Station 482 to Station 782-80, Payette Division, Boise Project, Ida.

Total bids follow:

- J. A. Terteling & Sons, Boise—\$239,406.50.
- Morrison-Knudsen Co., Inc., Boise—\$285,499.90.
- Barnard-Curtiss Co., Minneapolis—\$348,187.80.
- Haas, Doughty & Jones & Marshall & Stacy, San Francisco—\$384,705.00.
- Gates & Huntley, Los Angeles—\$372,538.

Unit prices on file at the office of the Daily Pacific Builder, 465 10th St., San Francisco. 23

BIDS WANTED

ALL-AMERICAN CANAL.—As previously reported until June 27, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 791, for the construction of the Alamo River and New Briar canal crossings and the Central Main Check and turnout, Station 3258 plus 25 to Station 3543 plus 76.52, All-American Canal, All-American Canal System, Boulder Canyon Project. Work is located near Calexico, Cal.

Work involves:

- SCHEDULE NO. 1
- Alamo River Crossing, All-American Canal, Sta. 3258 Plus 25
- (1) diversion and care of river during construction and unwatering foundations, lump sum;
- (2) 21,200 c.y. excav. for struc. above Elev. 2.0;
- (3) 1000 c.y. excav. for struc. betw. Elev. 2.0 and Elev. —1.0;
- (4) 46,000 c.y. compacted embank;

- (5) 8600 c.y. pit run gravel blankets on outside of compacted embankings;
- (6) 1600 l.f. constr. 8-in. sewer pipe side drain with uncm. joints;
- (7) 2500 l.f. constr. 12-in. sewer pipe side drain with uncm. joints;
- (8) 1000 l.f. constr. 12-in. sewer pipe side drain with cmc. joints;
- (9) 1231 c.y. concrete in floor and slope slabs;
- (10) 2452 c.y. concr. in structures, except floor and slope slabs;
- (11) 532,000 lbs. placing reinf. bars;
- (12) 3510 l.f. installing rubber water stops;
- (13) 3130 sq. ft. installing elastic joint filler materials;
- (14) 430 sq. yds. dry rock paving;
- (15) 790 c.y. riprap;
- (16) 22 c.y. sand blankets under screened gravel blankets;
- (17) 585 c.y. screened gravel blankets under conc. floor and slope slabs;
- (18) 82 c.y. constr. reverse filters;
- (19) 4300 lbs. installing cast iron pipe drains;
- (20) 681 l.f. laying 6-in. sewer pipe with uncm. joints;
- (21) 1.6 MFBM constr. timber railings;
- (22) 392,100 lbs. driving steel sheet piling;
- (23) 75,900 lbs. installing gates and hand operated gate hoist;
- (24) 29,400 lbs. installing radial gate hoists and operating and control mechanisms;
- (25) 100 cwt. placing bitum. material in float drums;
- (26) 3200 lbs. installing pipe hand-rails;
- (27) 14,300 lbs. installing misc. metal-work;
- (28) 560 l.f. installing elec. metal conduit;
- (29) 80 lbs. installing elec. conductors and ground wires;

SCHEDULE NO. 2

- New Briar Canal Crossing, All-American Canal, Sta. 3457 Plus 50, and Central Main Canal Check and Turnout, All-American Canal, Sta. 3543 Plus 76.52.
 - (30) 23,000 c.y. excav. for struc.;
 - (31) 28,000 c.y. excav. of temporary unexcav. section of All-American Canal and excav. for new channels and for refilling existing channels;
 - (32) 1010 c.y. pit run gravel subbase;
 - (33) 6900 c.y. backfill;
 - (34) 3570 c.y. compact. backfill;
 - (35) 320 c.y. conc. in floor slabs;
 - (36) 2048 c.y. conc. in struc., except floor slabs;
 - (37) 360,000 lbs. placing reinf. bars;
 - (38) 1120 l.f. installing rubber water stops;
 - (39) 1500 sq. ft. installing elastic joint filler materials;
 - (40) 650 sq. yds. dry rock paving;
 - (41) 1100 c.y. constr. reverse filters;
 - (42) 5400 lbs. installing cast iron pipe drains;
 - (43) 6.6 MFBM constr. timber railings;
 - (44) 14 MFBM constr. and removing temporary timber flume;
 - (45) 84,500 lbs. driving steel sheet piling;
 - (46) 51,620 lbs. installing gates;
 - (47) 15,600 lbs. installing radial gate hoists and operating and control mechanisms;
 - (48) 4550 lbs. installing pipe hand-rails;
 - (49) 12,400 lbs. installing misc. metal-work;
 - (50) 620 l.f. installing elec. metal conduit;
 - (51) 94 lbs. installing elec. conductors and ground wires.
- Plans and specifications may be obtained by prospective bidders at the above office without charge; to others, \$3.50 per copy, not returnable.

CONTRACT AWARDED

ALL AMERICAN CANAL.—Lewis Chambers Const. Co., New Orleans, at \$145,119 was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 765, for construction of Drop No. 1 and Coachella turn-out, Station 1905-10, All American Canal, Boulder Canyon Project. * 23

24—STREET LIGHTING

BIDS WANTED

HICKAM FIELD, T. H.—Until July 12, 11 a.m., bids will be received by the Constructing Quartermaster, Captain John A. Hunt, Hickam Field, under Bid No. 397-38-28, for constructing and completing a portion of the night lighting installation at Hickam Field, T. H.

Plans and specifications may be obtained at the above office upon deposit of \$5.00; and may be seen at the office of the Constructing Quartermaster, Fort Mason, San Francisco. * 24

BIDS WANTED

HICKAM FIELD, T. H. — Until July 12 bids will be received by the Constructing Quartermaster, Ft. Mason, for construction of portion of night lighting system at Hickam Field. 24

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one to three 40-50-hp. track-laying type tractors, with angledozer, for use in Ventura County, for approximately 60 days, opened by the State Highway Dept., Los Angeles, were:

The Price Co.—One 45-50 diesel Cletrac, 1937, \$4.24 per hour; one 45-50 diesel Cletrac, \$4.24 per hour.

J. N. Thompson—One 61-hp. Cletrac diesel, 1938, \$4.97 hour.

W. M. Ward—One 44½-hp. International diesel, 1937, \$4.30 hr.

Malcolm Ryals—One 40-hp. Cletrac, 1936, \$3.50 hr.

Silva & Hill Constr. Co.—One 48-hp. A-C, 1935, \$5.20 hr.

Jesse L. Simmons—40-hp. International, 1938, \$4 hr.

Bebee & Bailey—50-hp. Caterpillar diesel, 1935, \$5.50 hr. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until June 27, 2 p.m., bids will be received by the State Highway Dept., 808 State Bldg., Los Angeles, for the rental of the following:

- (1) one 220-cu. ft. air compressor (actual air deliv.) on 4-wheel running gear, rental per hour;
 - (2) two only jacksamers (dry type), rental each per day;
 - (3) two only pavement breakers, rental each per day;
 - (4) two sets of steel and hose for operating either two jacksamers or two pavement breakers, as ordered, rental each per day.
- Equipment to be used on various jobs in Ventura County for approximately 30 days. Forms may be obtained from W. L. Fahey, district maintenance engineer. * 25

BIDS WANTED

MARIN AND SONOMA COS., Cal.—Until June 28, 2 P. M., bids will be received by the State Division of Highways, Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for rental of one 7-ton 3-wheeled roller for ap-

proximately 360 hours' use in Marin and Sonoma Counties.

Bids must be made on proposal forms furnished by the above office. * 25

BIDS WANTED

PORTLAND, Ore.—Until July 1, 11 a.m., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, Ore., for the rental of one clamshell bucket dredge, with suitable launch and other necessary attendant plant, fully manned and properly equipped and supplies for approximately 600 hours' work in the Willamette River, Oregon, between New Era, 5 miles above Oregon City and Independence, 12 miles above Salem; and in Yamhill River.

Plans and specifications may be obtained from the above office. * 25

BID OPENED

STOCKTON, San Joaquin Co., Cal.—C. E. Huls, Merced, submitted only bid to the State Division of Highways, Department of Public Works, R. E. Pierce, District Engineer, for the rental of equipment, as follows:

- (1) One to four truck shovels, capacity 4/10 c.y. Ford or Chevrolet chassis mountings will not be acceptable;
- (2) One or more four-c.y. water level dump trucks. Ford or Chevrolet will not be acceptable;
- (3) One or more 3-c.y. water level dump trucks. Ford or Chevrolet chassis will not be acceptable.
- (4) One or more 2-c.y. water level dump trucks;
- (5) One or more ½-ton expresses, similar to Ford V8 ½-ton express.

All equipment to be completely serviced, equipped and manned. Equipment will be used in District X.

Bids were:

- (1) \$3.95 per; moving time \$2.50.
- (2) (a) \$2.90, (b) \$2.40, (c) \$2.65. (3) (a) \$2.50, (b) \$2.10, (c) \$2.30. (4) (a) \$1.75, (b) \$1.55, (c) \$1.65. (5) \$1.25. * 25

CONTRACT AWARDED

SAN FRANCISCO.—South City Lumber & Supply Co., Railroad and Spruce St., South San Francisco, at \$4.60 per hour, was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2027, for rental of one motor patrol for the San Francisco Airport. * 25

BIDS OPENED

SAN FRANCISCO—Ingersoll-Rand Co., at \$301 each, submitted low bid to the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., under Bid No. 1263, for furnishing 3 detachable rock drill bit grinders, power-driven, complete with 110-220-volt, single-phase, 60-cycle motors and controls; f.o.b. points: (a) San Francisco, (b) Pacoima, (c) Redding and (d) Martel.

Total bids follow:

Ingersoll-Rand Co., \$301; f.o.b. (a), (b), (c) or (d).

Timken Roller Bearing Co., \$315 (a); \$343.99 (b); \$345.55 (c); \$344.12 (d).

Machinery & Drill Steel Co., \$307 (a); \$343.99 (b); \$345.55 (c); \$344.12 (d).

Gardner Denver Co., \$975, f.o.b. Denver. * 25

BIDS OPENED

SONOMA CO., Cal.—Following submitted bids to the State Division of Highways, Dept. of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental of one 1000-gal. capacity water truck for

approximately 200 hours' work in Sonoma Co., Cal.

Bids were:

Portola Truck Service, S. F., \$2.62½ per hour.

Rock & Gravel Trucking Co., Oakland, \$3.15.

Irving Schwartz, San Francisco, \$3.43.

Bruno Skibo, Oakland, \$3.49½.

Lee J. Immel, Berkeley, \$3.63.

Spaletta & Siri, Santa Rosa, \$5.50.

E. G. McCabe, S. F., \$5.75. * 25

BIDS OPENED

OAKLAND, Calif.—Walter Koetitz, 1424 Fountain Street, Alameda, at \$400 per month submitted low bid to the Oakland Port Commission for the rental of one pile driver for use on Smith Lumber Co. wharf, Inner Harbor, Oakland.

Total bids follow:

	per mo.
Walter Koetitz, Alameda.....	\$400.00
Healy-Tibbitts Const. Co. S. F.	545.00
Frank Legg, San Francisco.....	800.00
M. B. McGowan Inc., S. F.....	885.00
	25

BIDS WANTED

SAN LUIS OBISPO, Calif.—Until June 27, 3 p.m., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for furnishing equipment for use on State Highways at various locations in District V, as follows:

LOCATION A—San Luis Obispo and Santa Barbara Counties

(1) three only, three and one-half c.y. dump trucks;

LOCATION B—San Luis Obispo Co. in the vicinity of San Luis Obispo

(1) two only, 3½-c.y. dump trucks;

(2) one only, 1000-gal. oil distributor;

(3) one 54-bbl. oil tank truck;

(4) one 66-bbl. oil tank truck;

(5) one 30-hp. tractor;

(6) one 30-hp. tractor with bulldozer;

(7) one 50-hp. tractor;

(8) one 8-ton tandem roller;

(9) one 8-ft. pull grader;

(10) one 7-ft. pull grader;

(11) one 10-ft. motor grader;

(12) one 5-tooth scarifier (Ventura or equal);

LOCATION C—Santa Barbara Co., in the vicinity of Santa Maria

(1) one 30-hp. tractor;

(2) one 35-hp. tractor;

(3) one 35-hp. tractor with bulldozer;

(4) one 44-hp. tractor with bulldozer;

(5) one 60-hp. tractor with bulldozer;

(6) one 7-ft. pull grader;

(7) one 10-ft. pneumatic tired pull grader;

(8) one 10-ft. motor grader;

(9) one 7-tooth hydraulic scarifier.

The work to be done by the above equipment is on general maintenance and is of an intermittent nature inasmuch as no one piece of equipment is to be used more than five days in any one month. * 25

CONTRACT AWARDED

SAN FRANCISCO—Lerer Brothers 375 11th St., at \$148.50 was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2029, for rental of 3-yd. dump trucks without drivers for the San Francisco Airport (WPA). * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of ten 7-c.y. dump trucks for use on Angeles Crest Highway, for 30 to 40 days (under power shovel loading), opened by the State High-

way Dept., Los Angeles, are:

A. S. Vinnell Co.; nine 7-cy. Sterling trucks, 1936-37, \$3.49 per hour; one 7-cy. Mack 1937, \$3.49 per hour.
S. Edmondson & Sons: ten 7-cy. Mack trucks, 1932, \$3.20 per hour.

25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one 105-c.y. air compressor for use at Whittier, for intermittent work during period up to and including June 30, opened by the State Highway Dept., Los Angeles:—
Western Mchy. Co.: Ingersoll-Rand 1937, \$5 per hour.

Pryor Well Shooting Co.: Chicago Pneumatic 1936, \$4.50 per hour.

25

BIDS WANTED

TULARE CO., Cal.—Until July 1, 8 p.m., bids will be received by the Board of Trustees of the Richgrove School District, J. H. Burum, Clerk, Richgrove, Tulare County, for furnishing one school bus fully equipped.
Plans and specifications may be obtained from the above office. * 25

BID OPENED

MENDOCINO AND LAKE COS., Cal.—Chas. Kuppinger, Lakeport, at \$5.90 per hour, submitted only bid to the State Division of Highways, Department of Public Works, G. F. Hellesoe, Acting District Engineer, 546 W. Wabash Ave., Eureka, for rental of one 1500 to 1800-gal. insulated pressure oil distributor tank truck for 300 hours' use in Mendocino and Lake Counties. * 25

BIDS OPENED

OAKLAND, Calif.—The Seagrave Corp. and American La France & Foamite Industries, Inc., at (1) \$14,447 and (2) \$14,623.57 submitted identical bids to the Oakland City Council, City Clerk, City Hall, for furnishing (1) open type; (2) canopy cab pumping engines, for the Oakland Fire Department.

BIDS WANTED

VALE PROJECT, Ore.—Until July 6, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1090-D, for furnishing and delivering one clutch-operated, crawler traction mounted, full revolving, gasoline engine powered, convertible type dragline excavator for the Vale Project, Oregon; f.o.b. shipping point and/or Vale, Ore.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable. * 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$2.38 per hour, submitted low bid to the State Division of Highways, Department of Public Works, G. F. Hellesoe, Acting District Engineer, 546 W. Wabash Ave., Eureka, for rental of two 3-yd. dump trucks for approximately 500 hours each use in District 1.

Total bids follow:
Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland—\$2.38 per hr.
Ashurst Bros., Hopland—\$2.43.
Portola Truck Service, San Francisco—\$2.43.
Wm. Kern, Weott—\$2.43.
Paul Entremont, Colusa—\$2.43.
W. E. Sinclair, Miranda—\$2.43.
Chas. W. Beguhl, Millbrae—\$2.90.

25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—Rock & Gravel Trucking Co., 4605

El Centro Ave., Oakland, at \$2.38 per hour, submitted low bid to the State Division of Highways, Department of Public Works, G. F. Hellesoe, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of two 3-yd. dump trucks for approximately 500 hours' use in District 1.

Total bids follow:
Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland—\$2.38 per hr.
Portola Truck Service, San Francisco—\$2.43.
Ashurst Bros. & W. E. Sinclair, Hopland—\$2.43.
Wm. Kern, Weott—\$2.43.
Longwell Truck Service, San Francisco—\$2.50.
Chas. W. Beguhl, Millbrae—\$2.90.
A. Bin, San Francisco—\$3.15. * 25

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-38-197, for furnishing (1) one new radial drill and (2) one second-hand radial drill; fob San Francisco waterfront.

Bids were:
Moore Machinery Co., (1) \$2,560; alt. \$3,180; (2) \$1,925; 2% 10 days.
C. F. Bulotti Machinery Co., (1) \$2,970; (2) \$1,373; net.
Jenison Machinery Co., (1) \$3,435.80, net. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS-217, for furnishing (1) 5000 meter boxes with covers; (2) 2500 extra concrete meter covers, rectangular type; (3) 1500 extra meter covers, oval type; (4) 400 meter boxes, type 5, with covers; and (5) 150 meter boxes, type 6, with covers.

Bids were:
Art Concrete Works, Oakland, (1) \$5625, (2) \$1512.50, (3) no bid, (4) \$800, (5) \$712.50; total \$8,450.
Geo. Forni Mfg. Co., Oakland, (1) \$5550, (2) no bid, (3) \$795, (4) \$760, (5) \$705; total \$7810. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-192, for (1) pedestal type tool grinder; (2) one bench type; fob waterfront pt., San Francisco.

Bids were:
Harron, Rickard & McCone Co., (1) \$325, (2) \$112.50; 2% 30 days.
C. W. Marvedel, (2) \$57.80.
U. S. Electric Motors, Inc., Los Angeles, (1) \$309.04; (2) \$146.28; net; stipulated they would receive both or none. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-188, for furnishing and delivering one portable arc welding machine, attachments, necessary equipment and parts:

Bids were:
Lincoln Electric Co., \$955.80; net.
Moore Mchy. Co., \$1125; 2% 10 days.
Harnischfeger Sales Corp., \$1,175; net.
Victor Welding Equip. Co., \$951; net.
National Welding Equip. Co., \$1,125; less 20%.
Roberts Equipment Co.: \$850; 2% 10.
R. C. Porter, \$969; 2% 10 days; 1% 20; 1/2% 30 days.
Air Reduction Sales Co., \$1,307.50; net. * 25

BIDS WANTED

GILA PROJECT, Ariz.—Until July 5, 2 p.m., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1089-D, for furnishing and delivering one gasoline engine driven gate hoist for operating the 19.5 foot by 22-foot fixed wheel gate at the inlet of the Gila River Crossing, Gila Project, Ariz. Gate hoists will be installed by the Government; f.o.b. shipping point and/or Bisland, Arizona.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00, not returnable. * 25

BIDS OPENED

MARIN AND SONOMA COUNTIES, Cal.—Following submitted bids to the State Division of Highways, Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental of one pneumatic-tired tractor grader with 10-foot blade, for approximately 400 hours' work in Marin and Sonoma Counties.

Bids were:
H. V. Griffiths, Salinas, \$4.68 per hour.
A. Helwig, Sebastopol, \$4.70.
A. Soda & Son, Oakland, \$4.94.
Lee J. Immel, Berkeley, \$5.40. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-193 for furnishing (1) one 16-inch bench drill complete; and (2) one press, arbor for use on work up to 9 1/2-in.

Bids were:
Moore Machinery Co., (1) \$55; (2) \$54 2% 10 days.
Canedy-Otto Mfg. Co., (1) \$58; (2) \$24; net.
C. F. Bulotti Mchy. Co., (1) \$47.70; (2) \$10.50; net.
Miller & Stern Supply Co., (1) \$49.50, (2) \$20; 2% 30 days. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-194, for furnishing (1) one valve seat grinder, and (2) one valve refacer.

Bids were:
C. F. Bulotti Mch. Co., (2) \$140; net.
Miller & Stern Supply: (1) \$137.70; (2) \$155; 2% 30 days. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 196, for furnishing one delivery machine with individual motor drive equipped with drive shaft, geared receding type die stock complete.

Bids were:
C. F. Bulotti Mchy. Co., \$411.43; 2% 10 days.
Gilmore Steel Supply Co., \$378.40; 2% 30 days.
Tay-Holbrook, Inc., \$378.40; 2% 30 days.
Jenison Mchy. Co., \$411.43; 2% 10 days.
Harron, Rickard & McCone Co., \$411.43; 2% 30 days.
Crane Co., \$411.43; 2% 10 days. * 25

CONTRACT AWARDED

CENTRAL VALLEY PROJ., Cal.—Bedford Foundry and Machine Co., Bedford, Ind., at \$3,268, was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., un-

der Spec. No. 1049-D, for furnishing and delivering one 7½-ton motor-operated traveling crane for Govt. warehouse at Shasta Dam, Central Valley Project. 25

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Post Office Bldg., Sacramento, under Bid No. 1105-38-291, for furnishing and operating for 300 hours one RD No. 7, or equal, caterpillar tractor equipped with LeTourneau, or equal, power unit, and LeTourneau, or equal, bulldozer.

Bids were:
Brown & Livingston, Redding, \$10 per hour, total, \$3,000; 2% 10
Lord & Bishop, Sacramento, \$5.90 per hour, \$1770.

J. K. Reeves, Sacramento, \$6.30 per hour, \$1890.

Caruthers, San Mateo, \$10.50 per hr., total, \$3,150; net.

G. E. Murray, \$7 per hour, \$2,100; \$100 mobilization, total, \$1500.

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Post Office Bldg., Sacramento, under Bid No. 1105-38-290, for furnishing and operating for 240 hours one RD No. 8 or equal caterpillar tractor and bulldozer equipped with LeTourneau or equal power unit for lifting bulldozer; fob Colusa.

Bids were:
H. Wattenburg, Walnut Creek, \$5 per hour, total, \$1200.

C. A. Baker, Sacto., \$7.00 hr., \$1728, 2% 10 days.

M. J. Ruddy, Modesto, \$8.25 per hr., \$1980.

Lee A. Phillips, Brentwood, \$6.57 per hour, \$1576.60.

L. V. Gordon, Biggs, \$8 per hr., \$1920.
S. A. Wood, Stockton, \$5.25 per hour, \$1260.

John Ayres, Arbutle, \$8.50 per hour, \$2040; 1½% 10 days.

Caruthers, San Mateo, \$8.50 per hr., \$2040.

R. E. Strothers, Sacto., \$7.50 per hr. Olympian Dredging Co., S. F., \$6.50 per hr., \$1560. 25

BIDS WANTED

SANTA BARBARA CO., Cal.—Until July 23, 3 p.m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for the rental of the following equipment for use in Santa Barbara County:

(1) one 49-hp. (or more) tractor with bulldozer;

(2) one 1,000-gal. (or more) water tank truck;

(3) one 2-c.y. (or more) dump truck.

Bids must be submitted on proposal blanks obtained from the above office. 25

BIDS OPENED

GRAND COULEE, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1075-D, for furnishing and delivering bulkhead gate liners and anchor rods for the bulkhead gates to be installed at the outlet ends of the turbine draft tubes in nine main units and three station-service units at the Grand Coulee power plant, Columbia Basin Project, Wash.; fob shipping point and/or Odair, Wash.

Bids were:
California Steel Prod. Cor., S. F.; fob same, \$3547; 14,500 lbs.

Union Iron Works, Spokane; fob same, \$3995; 15,000 lbs.

Stacey-Schmidt Mfg. Co., York, Pa. fob same, \$3700; 16,000 lbs.

Koppers Co., Baltimore, Md.; fob same, \$4115; 15,000 lbs.; ¼ of 1%.

John W. Beam, Denver; fob Peoune, Ill., \$3560; 14,500 lbs.; ¼ of 1%. 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1257, for furnishing 4 tractor end-loader for installation on government-owned Model "55" Cletrac tractor. Bids taken on: (1) f.o.b. bidder's shipping point; (2) f.o.b. Government Island; (3) allowance for elimination of certain parts.

Bids were:
Mutual Engineering Co., (1) \$3280, (2) \$3360, (3) \$88; net.

EmSCO Derrick & Equip. Co., (1) \$1080, (2) \$4280, (3) \$60; net.

Calif. Steel Products Co., (1) \$4472, (3) \$80; net.

East Bay Welders, (1) \$5292, (2) \$5404, (3) \$64; 2% 30 days.

Judson Pacific Co., (1) \$5540, (2) \$88; net.

Southwest Welding & Mfg. Co., (1) \$5980, (3) \$40; 5% 30 days. 25

BIDS OPENED

MENDOCINO AND LAKE COS., Calif.—Chas. Kuppinger, Lakeport, at \$3.00 per hour, submitted low bid to the State Division of Highways, Department of Public Works, G. F. Hellesco, Acting District Engineer, 546 W. Wabash Ave., Eureka, for the rental of one 1200 to 1800-gal. insulated tank truck for approximately 120 hours' use in Mendocino and Lake Counties.

Portola Truck Service, San Francisco, \$5.40 per hour, submitted only other bid. 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappin, City Clerk, City Hall, for furnishing two truck chassis for the Oakland Fire Dept.

Bids were:
Jos. Pierotti & Co., \$763.65
F. H. Dailey Motor Co., 794.90
Cochran & Celli, 820.67
Chester N. Weaver Co., 826.22
International Harvester Co., 950.00 25

BID OPENED

SACRAMENTO, Calif.—Caterpillar Tractor Co., at \$4780.55, allowance \$1400, net \$3380.55, disc. \$50 30 days, submitted only bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Post Office Bldg., Sacramento, under Bid No. 1105-38-298, for one diesel powered track-laying type tractor. Allowance on trade-in on 50-hp. caterpillar tractor. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one portable combination welding unit for use in Ventura county opened by the State Highway Department, Los Angeles, were:
Strong's Welding Shop, \$3 hour.
Oxnard Tool Co., \$3 hour.
Schwab-Wilson Mch. Corp., \$3 hr. 25

26—RAILROADS

June 21, 1938.

BIDS OPENED

FORT MASON, Cal.—A. D. Schader, 144 Spear St., San Francisco, at (1) \$2465, (2) \$2395, and (3) \$4790, submitted low bid to the War Department, Office of the Port Quar-

termaster, Fort Mason, San Francisco, under Bid No. 552-PQM-38-6, for removing the four non-standard switches and furnishing and installing four new switch castings in the railroad track system in the Army Transport Dock Area, Fort Mason.

Work involves:

- (1) two switches;
- (2) two additional switches;
- (3) total of four switches;
- (4) deduct if 9-inch relay switches are furnished.

Eaton & Smith, San Francisco, at (1) \$2700, (2) \$2600, (3) \$5300, submitted only other bid. 26

27—WPA PURCHASES, RENTALS**CONTRACTS AWARDED**

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:
Bid No. 5585—Sutter Union L. C.: \$0.68¼; \$819; net; portland cement.

Bid No. 5579—Diamond Match Co.: \$0.65¼; \$409.50; portland cement.

Bid No. 5589—Merced L. C.: \$2.49; \$896.40; portland cement.

Bid No. 5583—Henry Cowell Lime & Cement: \$0.725; \$435; net; portland cement.

Bid No. 5581—Henry Cowell Lime & Cement: \$0.555; \$499.50; net; portland cement.

Bid No. 5557—Cork Insulation Co.: \$626.52 (7-9); 2% 20; sheet cork, etc.

Bid No. 5582—Diamond Match Co.: \$390; net; \$165; portland cement.

Bid No. 5587—Friend & Terry: \$0.65; \$789; net; portland cement.

Bid No. 5556—W. R. Spalding L. C.: \$563.32; net; Douglas fir; cement; doors.

Bid No. 5555—Pomona Pump Co.: \$880.65; 3% 30; deep well pump.

Bid No. 5542—The Yancey L. C.: \$705.94; 2% 20; douglas fir.

Bid No. 5565—American Conc. and Steel Pipe Co.: \$728.64; 3% 30; concrete pipe.

Bid No. 5584—Henry Cowell Lime & Cement; \$2186.70; net; portland cement.

Bid No. 5562—American C. I. Pipe: \$10,201.86; net; \$12,996 lf. 6-in. C.I. water pipe.

Bid No. 5558—Rodeo L. C.: \$308.70; 4% 20; portland cement.

Bid No. 5566—American Conc. and Steel Pipe: \$1653.76; 3% 30; concrete pipe.

Bid No. 5563—Hayward Bldg. Supply: \$2508; emuls. asph.; net.

Bid No. 5588—Henry Cowell Lime & Cement: \$1942; net; portland cement.

Bid No. 5580—W. Fine & Sons: \$441; 1% 30; portland cement. 27

BIDS WANTED

SAN FRANCISCO.—Until June 23, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 5615, for furnishing sledge handles, rakes, axes and hoes; f.o.b. 1829 Cypress St., Oakland. 27

CONTRACT AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and equipment for use on WPA projects:

Bid No. 5517: Valley Concrete and Pipe Products Co.: \$766.90; net; concrete pipe.

Bid No. 5526: bids rejected; gas and oil; reactivated.

Bid No. 5532: Pacific Pavements Co., Ltd.: \$179.60; net; asphalt.

Bid No. 5533: Pacific Pavements

Co., Ltd., identical.
 BID NO. 5535: Egw. R. Bacon: \$391.-90; 2% 30; two cent. pumps.
 BID NO. 5536: Harron, Rickard and McCone: \$475.20; net; 12 conc. carts.
 BID NO. 5541: Shell Oil Co.: \$12.20; net; 100 tons liquid asphalt.
 BID NO. 5545: Pacific Corru. Culvert: \$856.13; 1/2 of 1% 20; corrugated culvert pipe.
 BID NO. 5547: Acme Mfg. Co.: \$568; 1% 20; cabinet and millwork.
 BID NO. 5554: Calif. Corru. Culvert Co.: \$374.16; 1/2 of 1% 20; culvert, couplers, and end rods.
 BID NO. 5552: Hickinbotham Bros., Ltd.: \$365.30; 2% 20; steel sheets. 27

CONTRACTS AWARDED

SAN FRANCISCO—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous supplies and equipment for use on WPA projects:
 BID NO. 5543: Pacific Steel Boiler Co., Div. of American Radiator Corp., 5575; 5% 20; steel boilers.
 BID NO. 5508: Superior Rock; \$1,860; 2% 20; rock.
 BID NO. 5548: Southern Pipe and Casing; \$2003.98; net; CMP.
 BID NO. 5447: Moore Mch. Co.: (1) \$178.15; net; blower assembly; Westco Pump Sales: (2) \$93.25; cent. pump, net; no award on item 3.
 BID NO. 5521: J. W. Mumbert Conc. Pipe Co.: \$1035; 6% 30; concrete pipe.
 BID NO. 5510: Richmond Nav. and Imp. Co.: \$336.87; net; dry concrete mix.
 BID NO. 5520: Calif. Corru. Culvert Co.: \$566.52; 1/2 of 1% 20; culvert and couplers.
 BID NO. 5515: Diamond Match Co.: \$267.36; 2% 30; douglas fir and redwood.
 BID NO. 5516: Healdsburg Concrete pipe Co.: \$567; 2% 30; concrete pipe.
 BID NO. 5522: Gunn, Carle & Co.: \$36750; (1-6) net; (7-8) 2% 30; steel bars and wire.
 BID NO. 5500: Calif. Mill & Lumber Co.: \$751.20; 2% 20; douglas fir and maple.

CONTRACTS AWARDED

SAN FRANCISCO—The following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:
 BID NO. 5544: Henry Cowell Lime & Cement: \$373.50; net; Portland cement.
 BID NO. 5546: Gladding Bros.: \$475.52; 2% 30; sewer pipe.
 BID NO. 5534: S. F. Gravel Co.: \$615; 2 1/2 cent per sack 30 days; Portland cement. * 27

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:
 BID NO. 5543—Smith Lumber Co.: \$1920; 2% 10th prox; Douglas fir and Redwood lumber.
 BID NO. 5538—Calif. Corru. Culvert: \$363.85; 1/2 of 1% 20; culvert and couplers.
 BID NO. 5534—S. F. Gravel Co.: \$615; 2 1/2 cent per sack 30 days; Portland cement. * 27

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. supplies

and equipment for use on WPA projects:

BID NO. 5525 — Southern Pacific Millings Co.: \$0.25 per post; 2552 redwood posts; net.
 BID NO. 5539—Charles L. Harney: \$950; net; asph. plant-mix surf.
 BID NO. 5561 — Victor Equipment Co.: \$1903.50; net; deep well pump.
 BID NO. 5553—Amet. Fuel and Materials: \$325; net; cent. pump. * 27

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

WALLA WALLA COUNTY, Wash. Standard Asphalt Paving Company, Chronicle Bldg., Spokane, at \$42,350 submitted low bid and was awarded contract by the Walla Walla County Board of Commissioners for oiling 35 miles of streets and roads in the vicinity of Walla Walla and hauling oilrock for same from centrally located stockpiles.

Total bids follow:
 Standard Asph. Paving Co., Spokane.....\$42,350
 F. R. Hewett, Spokane.....43,800
 J. C. Compton, McMinnville.....45,000
 Norris Bros., Burlington.....45,907
 Diesel Oil Sales Co., Seattle.....46,613
 Bahler Bros., Portland.....46,802
 McAtee, Inc., Spokane.....48,600
 Washington Asph. Co., Seattle.....48,450
 Warren Northwest Inc., Portlnd.....48,490
 J. L. McLaughlin, Great Falls.....49,216
 J. H. Collins, Colville.....52,730
 * 29

BIDS WANTED

SAN JOSE, Santa Clara Co., Calif.—Until June 27, 8 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for the improvement of portions of 20th Street from the northerly line of Julian Street to the southerly line of Washington Street, San Jose.

Plans and specifications may be obtained from the above office. * 29

LOW BIDDER

NYE CO., Nev.—W. W. Clyde & Co., Springville, Utah, at \$113,365.28, submitted low bid to the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 24.12 miles construction of a portion of the State highway system from a point approximately 12 1/2 miles north of the Junction of State Routes Nos. 4 and 8 to a point opposite Manhattan, Rte. 8A, Section A2 and A3, Nye County, Nevada.

Nevada Rock & Sand Co., Reno, was second low bidder, at \$114,631.43. Complete bids will be published shortly. * 29

BIDS WANTED

JACKSON COUNTY, Ore.—Until July 7, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon for approximately 7.085 miles constructing or improving the Miller Trail Highway, Surfacing Project 16-G4, H2, 12, J2, National Forest Road Project, located within the Rogue River National Forest, Jackson County, Ore.

Work involves:
 (1) All required extra and miscellaneous force account work;
 (2) 6,050 cu. y. unclass. excav.;
 (3) 7,085 miles fine grading of subgrade and shoulders;
 (4) 28,000 tons dry choked stone or slag base course;
 (5) 7,000 tons crusher run bottom course;

(6) 13,000 tons crusher run top course;
 (7) 1,500 units watering;
 (8) 240 tons cutback asphalt, MC-2 grade for prime coat.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

BIDS WANTED

SPOKANE, Wash.—Until July 1, 10 a. m., bids will be received by the Spokane County Engineer, Clarence Griggs, Spokane, for surfacing with light bituminous surface treatment 9.22 miles of Palouse Highway, County Road Project 19, beginning at south city limits of Spokane and running to point near Valley ford.

Project involves: 9.22 miles preparation of roadways, spreading, and brooming top course; 240 tons bit. cement (MC-2); loading, hauling and placing new mineral aggregate on roadway from stockpile, 1,000 cu. yds.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

BIDS WANTED

SAN FRANCISCO—Until July 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 231, City Hall, for improving the crossing of Felton and Oxford Sts. Est. cost, \$1550.

Work involves:
 (1) 63 l.f. armored concrete curb;
 (2) 140 sq. ft. 2-course conc. sidewalk;
 (3) 3 brick catchbasins, complete;
 (4) 96 l.f. 10-in. VCP culvert, in place
 (5) 5,300 cu. y. asphalt-conc. pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic conc. wearing surface.
 Plans and specifications may be obtained from the above office.

BIDS WANTED

LOS ANGELES, Cal.—Until July 6, 10 a. m., bids will be received by the Los Angeles board of public works for repairing the Olympic Blvd. (9th Street) viaduct over the L. A. River; a Cash Contract.

The items are:
 (1) 1800 sq. ft. removal of injured concrete and replacement by gunite concrete for depths averaging not more than 1-inch from original surf.;
 (2) 1600 sq. ft. removal of injured concrete and replacement by gunite concrete for depths averaging from 1-in. up to and including 2-in. from original surf.;
 (3) 1000 sq. ft. removal of injured concrete and replacement by gunite concrete for depths averaging from 2-in. up to and including 4-in. from original surf.;
 (4) 5 cu. yds. removal of injured concrete and replacement by gunite concrete for depths over 4 inches from the original surf. * 29

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal.—Macco Construction Co., 815 Paramount Blvd., Clearwater, at \$61,264.55, was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 5 ml. grading, surfacing with imported borrow and applying roadmix surface treatment between Los Olivos and Zaca, Santa Barbara Co. * 29

CONTRACT AWARDED

MONTEREY CO., Calif.—Granite Constr. Co., Ltd., Bin No. 9, Watsonville, at \$44,566, was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about one mile of grading and paving with Portland cement concrete the Salinas Bridge approaches at Soledad, Monterey Co.

COMPLETE BIDS

STATE OF OREGON.—Bids were received and contracts awarded by the Oregon State Highway Commission, R. D. Balcock, State Highway Engineer, Public Service Bldg., Portland, for highway construction, as follows:

Coos County: Coquille-Clausen Section of Oregon Coast Highway, FAP 94-A and 97-A, 2.95 mi. grading, surfacing, oiling, requiring about 211,000 cu. yds. excavation, 14,500 cu. yds. gravel roadbed topping; 6,200 cu. yds. salvaged surfacing, 5,800 cu. yds. crushed gravel surfacing and 35,000 sq. yds. oil material surface treatment.

Awarded: Berke Bros., Inc., 2815 SE Harrison, Portland, \$136,314.

Other bidders:

Greenwood Co., Inc., Portland, \$142,119; E. C. Hall Co., Eugene \$165,575.50; McNutt Bros., Eugene, \$167,447; Leonard & Slate, Multnomah, \$173,254; Roy L. Houck, Salem \$200,108.50; Kern & Kibbe, Portland, \$216,641.

Multnomah County: Columbia Boulevard-Harding Avenue Section of Pacific Highway West (Interstate Ave.), FAP 160-A, 3.3 miles paving involving about 31,000 cu. yds. excavation, 170 cu. yds. concrete curb, 3,500 sq. yds. concrete sidewalk and driveways, 68,600 cu. yds. gravel base, 50,000 sq. yds. Portland cement concrete pavement, 9,600 sq. yds. concrete safety islands, 14,000 sq. yds. asphaltic concrete pavement.

Low Bidder: Harold Blake, 400 NW Thompson, Portland, \$139,114. Referred to engineer.

Other bidders:

Oregon Contr. Co., Portland \$142,638.50; Warren Northwest, Inc., Portland, \$147,219.50; Edlefsen-Weygandt Co., Portland, \$151,947.50; Parker-Schram Co., Portland, \$159,293.00; Jacobsen-Jensen Co., Portland, \$174,187.50.

Wallowa County: Enterprise-Scotch Creek Section of Hurricane Creek County Road, FAP 23-A, 3.4 miles grading, surfacing and oiling, furnishing 600 cu. yds. crushed gravel in stockpiles requiring about 1,700 cu. yds. excavation, 6,500 cu. yds. gravel borrow, 10,300 cu. yds. gravel topping, 3,400 cu. yds. crushed gravel, 36,000 sq. yds. oil material surface treatment.

Low Bidder—Rogers Const. Co., Dayton, Wash., \$23,365. Referred to engineer.

Other bidders:

Babler Bros., Portland, \$25,625.50; Hart Const. Co., LaGrande, \$27,086; H. L. Rice, Portland, \$31,107.50.

Columbia County: Sheeley Bridge Section of Upper Nehalem County Road, Federal Aid Secondary Project No. FAS 279-A, 3.22 miles surfacing and oiling. Requires approximately 1,400 cu. yd. crushed rock or crushed gravel, and 34,000 sq. yds. oil mat surface treatment.

Awarded: Edwin C. Gerber, Oregon City, Oregon (tar) \$12,272.

Other bidders:

Warren Northwest, Inc., Portland \$12,573; O. C. Yocom, Portland, \$12,975.00.

Wasco County: Chenoweth Creek-The Dalles Section of Chenoweth County Road, Federal Aid Secondary Project No. FAS 20-A; 0.70 mi. grading, and 1.19 miles surfacing and oiling. Requires approximately 3,100 cu. yds. excavation; 3,200 cu. yds. crushed rock and 14,000 sq. yds. oil mat surface treatment.

Awarded: H. L. Rice, 2905 SE Pine Portland, at \$12,744.

Only bid submitted * 29

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until July 13, 2 P. M., bids will be

received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 8 miles grading, constructing soil cement base and crusher run base, surfacing with plant-mixed surfacing, and constructing three reinforced concrete slab bridges between Muir and Willow Pass, Contra Costa County.

Work involves:

- (1) Clear and grub;
- (2) 7,000 M. gals. water;
- (3) 495,030 c.y. rdwy. excav., unclass.
- (4) 5,000 c.y. ditch and channel excavation;
- (5) 4,250 c.y. struc. excav.;
- (6) 6,050,000 sta. yds. overhaul;
- (7) 170 c.y. remove concrete;
- (8) 425 sta. finish rdwy.;
- (9) 20,000 tons crusher run base;
- (10) 115 tons liquid asphalt MC-2, prime coat;
- (11) 16,500 tons min. agg., plant-mix surf.;
- (12) 910 tons liquid asphalt MC-4 or MC-5 plant mix surf.;
- (13) 80 tons liquid, asph., 90-95, seal coat;
- (14) 1,500 tons screenings, seal coat;
- (15) 200 tons liquid asph., SC-1A, shouldered;
- (16) 125 tons liq. asph., SC-2 do;
- (17) 4,000 bbls. Portland cement soil cement base,
- (18) 49,000 sq. yds. soil cement base;
- (19) 279,000 lbs. bar reinf. steel;
- (20) 1,640 c.y. Class A Portland cement conc. struc.;

- (21) 50 c.y. Class A Portland cement concrete railing;
- (22) 80 c.y. Class A Portland cement conc. slope pavement and cutoff wall;
- (23) 7,100 lbs. misc. iron and steel;
- (24) 10 MFEM Redwood timber select all-heart struc. grade;
- (25) 1,600 l.f. 8-in. CMP;
- (26) 640 l.f. 12-in. CMP;
- (27) 460 l.f. 15-in. CMP;
- (28) 2,600 l.f. 18-in. CMP;
- (29) 822 l.f. 24-in. CMP;
- (30) 332 l.f. 30-in. CMP;
- (31) 174 l.f. 30-in. CMP 12-gauge;
- (32) 220 l.f. 36-in. CMP;
- (33) 1 each 30-in. automatic drainage gate;
- (34) 2,000 l.f. 8-in. perf. metal pipe;
- (35) 350 c.y. rock filling material;
- (36) 240 l.f. existing pipe culverts removed, cleaned and salvaged;
- (37) 75 each spillway assemblies;
- (38) 11.7 miles new property fence, wire mesh;

- (39) 4 miles do, barbed wire;
- (40) 40 each 14-ft. drive gates;
- (41) 15 each 16-ft. drive gates;
- (42) 200 each guide posts;
- (43) 100 each culvert markers;
- (44) 1 lot remove exist. bridge;
- (45) 115 each monuments;
- (46) 1 only timber trestle railroad shoffly;
- (47) 1 lot misc. bridge items.

ALTERNATIVE ITEMS—ALT. "A"

- (48) 2,940 l.f. furnish precast conc. piles;
- (49) 90 each drive precast concrete piles;
- ALTERNATIVE "B"**
- (50) 2,940 l.f. furnish cast in place conc. piles, type not requiring mandrel;
- (51) 90 each driving steel shells, type not requiring mandrel;
- ALTERNATIVE "C"**
- (52) 2,940 l.f. furnish cast in place concrete piles, mandrel type;
- (53) 50 each drive steel shells, mandrel type.

NOTE: A bidder is required to submit a bid on one alternative and may, but is not required, to submit bids on all alternatives. Plans and specifications may be obtained from the above office.

* 29

BIDS WANTED

LOS ANGELES, Cal.—Until July 6, 10 a.m., bids will be received by Los Angeles board of public works for grading, paving and otherwise improving Main St. and Temple Street at the Federal Bldg., a cash contract. The work involves:

- (1) lump sum, grading (462 cu. yds. excav. no fill); including removal of existing improvements);
- (2) 11,469 sq. ft. asphalt conc. pave, 8 inches thick, consisting of asphalt conc. base 6 in thick and asphalt conc. wearing surf 2 in thick;
- (3) 164 sq. ft. 8-in. conc. pave (local depressions);
- (4) 336 sq. ft. asphalt conc. wearing surf., variable thickness, average 1½ inches;
- (5) 108 l.f. coping, class B conc.;
- (6) 135 l.f. unplastered heavy class curb;
- (7) 1,726 sq. ft. one-course sidewalk, 3-in. thick;
- (8) 466 sq. ft. concrete gutter, 8 in. thick;
- (9) storm drain and appurtenances, not including local depressions;
- (10) resetting and reconnecting existing ornamental lighting posts and installation of ornamental lighting conduit;
- (11) reset one existing lamphole.

* 29

BIDS WANTED

LOS ANGELES, Cal.—Until July 6, 10 a.m., bids will be received by Los Angeles board of public works for grading, paving and otherwise improving the streets in Louise Ave. and Rinaldi St. Improvement District, a Cash Contract.

The work involves:

- (1) lump sum, grading (2930 c.y. excavation; 504 c.y. fill); including removal of existing improvements and trees);
- (2) 81,841 sq. ft. rock and oil roadway, 2-in. thick.

* 29

BIDS WANTED

LOS ANGELES, Cal.—Until July 6, 10 a.m., bids will be received by Los Angeles board of public works for grading, paving and otherwise improving Dover St., at Brunswick Ave. and between 270 ft. west of Glen Feliz Blvd. and the L. A. River, a Cash Contract. The work involves:

- (1) lump sum, grading (773 cu. yds. excav.; 153 cu. yds. fill); including removal of existing improvements);
- (2) 17,015 sq. ft. 6-in. conc. pave.;
- (3) 874 lin. ft. reinf. integral curb;
- (4) 312 sq. ft. conc. gutter.

* 29

BIDS WANTED

SPOKANE, Wash.—Until July 1, 10:30 a.m., bids will be received by the Spokane County Engineer, Clarence Griggs, Spokane, for surfacing with light bituminous surface treatment 8.43 miles of Wells-Spangle Road Project 20, beginning at O. W. R.R. and N. Co. tracks in Cheney.

Project involves: 8.43 miles preparation of rdwy., spreading, brooming top course; 220 tons bit. cement MC-2; loading, hauling and placing mineral aggregate on roadway from stockpile, 1300 cu. yds.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

* 29

June 23, 1938.

BIDS WANTED

SPOKANE, Wash.—Until July 1, 11 a.m., bids will be received by the Spokane County Engineer, Clarence Griggs, Spokane, for resurfacing and light bit. surface treatment on 5.52 miles of Deer Park-Milan Road, County Road Project 21, beginning at city limits of Deer Park.

Project involves: 4,500 tons crushed

stone surface top course in place on roadway; 500 tons crushed stone surfacing top course in place in stockpile; 120 M. gals. water; preparation of roadway, spreading, and brooming top course, 5.52 miles; 150 tons bit. cement (MC-2); loading and hauling and placing new mineral aggregate on roadway, 550 cu. yds.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

BIDS WANTED

LINN COUNTY, Oregon.—Until July 7, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for 1.579 miles of grading on the Santiam Highway Grading Project 23-Ka, Ll, National Forest Road Project, located within the Willamette National Forest, Linn County, Oregon.

Work involves:

- (1) All required extra and miscellaneous force account work;
- (2) 5 acres clearing;
- (3) 16 acres grubbing;
- (4) 272,500 c.y. unclass. excav.;
- (5) 412,000 sta. yd. special overhaul;
- (6) 9,800 c.y. m. special overhaul;
- (7) 7 acres roadside cleanup;
- (8) 1.579 miles finishing earth graded roads;
- (9) 2,300 Lf. culverts (alternate);
- (10) 4,160 Lf. bit. coated perf. corr. sheet metal pipe underdrains, Type 2;
- (11) 450 sq. yds. paved culvert inlets, Type 1.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until June 27, 11 a. m., bids will be received by the Pasadena city directors for improvement of East Orange Grove Ave., between old city line near Oak Avenue and North Foothill Blvd., approximately 3080 lin. ft., involving the construction over existing pavement of a wearing surface of a variable thickness averaging approximately 2 inches. The surfacing will be either bituminous macadam or pre-mix surfacing and alternate bids are requested. Plans and specifications may be obtained from the city engineer, Harvey M. Hincks. Cash, certificate of deposit, certified check or draft or cashier's check, 5%, must accompany each proposal. C. W. Koerner, city manager. * 29

BIDS WANTED

STATE OF OREGON.—Until June 30, 9:00 a. m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Public Service Bldg., Portland, Ore., for highway construction, as follows:
Klamath County: Bly Mountain-Beatty Section, Klamath Falls-Lakeview Highway, Federal Aid Secondary Project No. FAS 30-D(1) and Federal Lands Highway Project No. FLH 7-A(1); 0.42 mi. grading; 10.17 mi. surfacing and oiling, and furnish 3,000 c.y. crushed rock in stock piles. Requires approximately 2,700 c.y. excavation; 51,700 c.y. of crushed rock; and 116,300 sq. yds. oil mat surface treatment.

Marion County: Court Street Section of Pacific Highway East in Salem, National Recovery Highway Project No. NRM 176-D (1935) (1); 0.19 mi. paving. Requires approximately 2,300 c.y. excavation; 60 c.y. concrete curb; 950 sq. yds. concrete sidewalk; 850 c.y. gravel base; 4,850 sq. yds. Portland cement concrete

pavement, and 4,700 sq. yds. asphaltic concrete pavement.

Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, Ore., upon deposit of \$5.00. * 29

BIDS WANTED

SKAMANIA CO., Wash.—Until July 7, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for approximately 1,453 mi. consisting of improving the St. Helens Highways, Grading Project, 15-A8, National Forest Road Proj., located within the Columbia National Forest, Skamania, Wash.

Work involves:

- (1) All reqd. extra and misc. force account work;
- (2) 6 acres clearing;
- (3) 11 acres grubbing;
- (4) 51,750 c.y. unclass. excav.;
- (5) 3 acres roadside cleanup;
- (6) 1,433 mi. finishing earth graded road;
- (7) 250 sq. ft. dangerous trees and snags;
- (8) 500 lin. ft. culverts (alternate);
- (9) 600 c.y. loose riprap.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

CONTRACT AWARDED

NYE CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$114,630.43, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 24.12 miles construction of a portion of the State highway system from a point approximately 12 $\frac{1}{2}$ miles north of the Junction of State Routes Nos. 4 and 8 to a point opposite Manhattan, Rte. 8A, Section A2 and A3, Nye County, Nevada.

W. W. Clyde & Co., Springville, Utah, submitted low bid at \$113,365.28. Bid was received late and therefore rejected by the Board.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

ORANGE CO., Cal.—V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, at \$52,996.50, awarded contract by the State Division of Highways, Sacramento, for about 4.2 mi. grading and surfacing with plant-mix surfacing, near Galivan, Orange Co. * 29

CONTRACT AWARDED

CALAVERAS CO., Cal.—Piazza & Huntley, 194 N 6th St., San Jose, at \$54,071.90, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5.9 miles surfacing with gravel and plant-mix surfacing between 2.5 miles east of Valley Springs and San Andreas, Calaveras County. * 29

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$121,845.20 was awarded contract by Dept. of Public Works, Room 251, City Hall, for the widening and reconstruction of 19th Ave., State Highway Route No. 56, from Lincoln Way to Lawton St. *

BIDS WANTED

YERBA BUENA SHOALS.—Until July 1, 3 P. M., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 197, for paving on Yerba Buena Island.

Plans and specifications may be

obtained from the above office after June 20, 2 P. M. * 29

CONTRACT AWARDED

NYE CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$114,630.43, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 24.12 mi. constr. of a portion of State Highway system from a point approximately 12 $\frac{1}{2}$ miles north of the Junction of State Routes Nos. 4 and 8A to a point opposite Manhattan, Route 8A, Section A2 and A3 Nye County, Nev.

Work involves:

- (1) 151 acres clearing;
- (2) 165,649 c.y. rdwy. excav.;
- (3) 19,200 c.y. drainage excav.;
- (4) 4,512 c.y. borrow;
- (5) 152 sta. slope rounding;
- (6) 134,713 yd. sta. overhaul;
- (7) 778 yd. m. overhaul;
- (8) 690 c.y. struc. excav.;
- (9) 1,550 c.y. backfill;
- (10) 24.12 miles subgrade, type C;
- (11) 16 M. gals. water;
- (12) 20,760 tons Type 1, gravel base;
- (13) 111,533 tons gravel surface;
- (14) 204 c.y. Class A concrete;
- (15) 20,400 lbs. reinf. steel;
- (16) 86 lf. 18-in. corr. metal pipe;
- (17) 1,122 lf. 24-in. do.;
- (18) 544 lf. 30-in. do.;
- (19) 306 lf. 36-in. do.;
- (20) 82 lf. 48-in. do.;
- (21) 62 each monuments.

Total bids follow:

(A) Nevada Rock & Sand Co., Inc., Reno—\$114,631.43.

(B) Dodge Constr., Inc., Fallon—\$115,380.80.

(C) Utah Constr. Co., Ogden, Utah—\$118,601.81.

(D) Isbell Constr. Co., Reno—\$137,134.52.

(E) W. W. Clyde & Co., Springville, Utah—\$113,365.28.

* W. W. Clyde & Co. bids submitted too late and ruled inadmissible and rejected by Board of Directors.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 7.00	\$10.00	\$10.00	\$20.00	\$10.00
(2)	20	.18	.22	.25	.19
(3)	.25	.20	.22	.25	.24
(4)	.30	.25	.22	.25	.24
(5)	5.00	5.00	3.00	5.00	5.00
(6)	.01	.01	.01	.02	.01
(7)	.20	.25	.25	.15	.15
(8)	1.25	1.00	1.25	1.50	1.00
(9)	.60	.50	.50	.50	.50
(10)	100.00	75.00	75.00	100.00	90.00
(11)	5.00	5.00	10.00	5.00	5.00
(12)	.36	.35	.32	.45	.35
(13)	.40	.45	.42	.47	.42
(14)	28.00	30.00	30.00	35.00	26.00
(15)	.07	.07	.07	.07	.07
(16)	2.50	2.50	2.25	2.50	2.00
(17)	3.00	3.25	3.25	3.25	2.50
(18)	4.00	3.75	4.25	3.75	3.75
(19)	6.00	5.50	6.00	5.75	5.50
(20)	9.00	8.00	8.50	7.50	8.00
(21)	3.00	3.00	2.00	3.50	3.50

CONTRACT AWARDED

YUMA CO., Ariz.—Warren Southwest, Inc., 2145 E. 25th St., Los Angeles, at \$15,138.19 awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on Hope-Parker Highway FL 7-A (1938), AFE 7210. The work, which extends from the town of Parker southeasterly for a distance of about 9.25 miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before Oct. 31, 1938. * 29

BIDS WANTED

YAKIMA CO., Wash.—Until June 30, 11 a. m., bids will be received by Yakima County Board of Commis-

sioners, Yakima, Wash., for surface treatment with bituminous cement by penetration and road mix methods 30.65 miles of graveled roads in Yakima County.

Plans and specifications may be obtained from the Yakima County Engineer, Yakima, upon deposit of \$5.00.

CONTRACT AWARDED

SANTA CLARA CO., Cal.—O. G. Ritchie, 154 N. 11th St., San Jose, at \$1,520, submitted low bid and was awarded contract by the Santa Clara Board of Supervisors, Court House, San Jose, for the extension on Miramonte Avenue over Permanent Creek, Supervisor District No. 5, Santa Clara Co., Calif.

Total bids follow:
O. G. Ritchie, 154 N. 11th St., San Jose—\$1,520.

A. J. Raisch, San Francisco—\$1,575.
Dan Caputo, San Jose—\$1,694.00.
Bert Ward & Son, San Jose—\$2,043.
* 29

BIDS OPENED

SAN FRANCISCO.—Love & Haun, 4354 20th St., San Francisco, at \$527.50, submitted low bid to the Department of Public Works, Room 251, City Hall, for construction of a safety island at Fifth St. approach to Bay Bridge, San Francisco.

Total bids follow:
Love & Haun, 4354 20th St., S. F., \$527.50.

D. C. McCabe, \$581.
Eaton & Smith, \$671.75.
Chas. L. Harney, \$677.
E. J. Treacy, \$688.
Lowrie Paving Co., \$970. * 29

30—RESERVOIRS & DAMS

June 21, 1938

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 8, 12 M., bids will be received by the U. S. Engineer, 2nd floor, 751 S. Figueroa St., for the construction of the Hansen Dam in the Tujunga Wash, a tributary of the Los Angeles river, Spec. 509-35-618. The site lies within the city of Los Angeles about 1.4 miles NE of San Fernando Road and about 3 miles SE of the city of San Fernando. Plans and specifications were prepared by Maj. Theo. Wyman, Jr., District Engineer. The Hansen Dam will be a typical earth-fill structure, 9050 ft. in length, with a maximum height of 100 ft. The spillway capacity will be approx. 100,000 second feet and the reservoir will impound about 36,000 acre-feet at the spillway elevation. The estimated cost is \$10,500,000. Spec. and drawings may be obtained at the above address upon deposit of \$25.

The quantities and items are:

- (1) Diversion and care of water during construction, lump sum;
- (2) Removal of existing structures, lump sum;
- (3) Clearing and grubbing dam and dike sites, lump sum;
- (4) 266,000 c.y. stripping for dam and dikes;
- (5) 639,000 c.y. common excav.;
- (6) 8,600,000 c.y. excav., in borrow pit A, inc. haul;
- (7) 5,620,000 cu. in pit B, inc. haul;
- (8) 95,000 c.y. rock excav., except trenches;
- (9) 4900 c.y. rock excav. in trenches 0 to 10 ft. deep, inc.;
- (10) 3000 c.y. do over 10 to 25 ft. deep, inc.;
- (11) 500 c.y. do over 25-ft. deep;
- (12) 75,000 sq. ft. rock channeling;
- (13) 1000 lf. 5-ft. dia. caissons;
- (14) 27,400 lf. steel bearing piles;
- (15) 100,000 c.y. struc. backfill, un-compacted;

ELKO COUNTY, NEV.—HIGHWAY CONSTR.—(State)

ELKO CO., Nev.—W. W. Clyde & Co., Sprinkville, Utah, at \$67,499.59, awarded contract by the State of Nevada Directors of Dept. of Highways, Heroes Memorial Bldg., Carson City, for approximately 12.05 miles construction of a portion of the State Highway from a point approximately ten miles north of Dinner Station to a point approximately 5 miles south of North Fork, Route 43, Sections A and B, Elko County, Nevada.

- Work involves:
- (1) 54 acres clearing;
 - (2) lump sum, remove building;
 - (3) 36 lf. remove culvert pipe;
 - (4) 107,807 c.y. rdwy. excav.;
 - (5) 2,950 c.y. drainage excav.;
 - (6) 130 sta. V-type ditches;
 - (7) 60,410 yd. sta. overhaul;
 - (8) 227 yd. mi. overhaul;
 - (9) 910 c.y. struc. excav.;
 - (10) 1,340 c.y. backfill;
 - (11) 12.05 miles subgrade, Type C;
 - (12) 14 M. gals. water;
 - (13) 52,210 tons type 1, gravel base;

- (14) 27,945 tons type 2 gravel base (1/2-in. size);
- (15) 138 c.y. Class A concrete;
- (16) 45 c.y. Class B concrete;
- (17) 14,280 lbs. reinforcing steel;
- (18) 1,820 lf. 18-in. corr. metal pipe;
- (19) 708 lf. 4-in. do;
- (20) 42 lf. 30-inch do;
- (21) 206 lf. 36-inch do;
- (22) 36 lf. relay culvert pipe;
- (23) 82 ea. each monuments.

Total bids follow:
(A) W. W. Clyde & Co., Springville, Utah, \$67,499.29.

- (B) Utah Const. Co., Ogden, \$69,581.65.
- (C) Dodge Const., Inc., Fallon, Nev., \$70,513.30.
- (D) Isthel Const. Co., Reno, \$77,344.30
- (E) Geo. French, Jr., Stockton, Cal., \$78,999.53.
- (F) J. M. Sumsion, Springville, Utah, \$80,032.74.
- (G) Tony Marrazzo, Boise, Ida., \$97,684.08.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$20.00	\$10.00	\$10.00	\$25.00	\$50.00	\$20.00	\$60.00
(2)	100.00	25.00	50.00	50.00	100.00	200.00	200.90
(3)	1.00	.50	1.00	1.00	.50	.70	1.00
(4)	.17	.20	.20	.25	.24	.27	.26
(5)	.25	.22	.20	.27	.40	.25	.40
(6)	5.00	3.00	5.00	5.00	5.00	5.00	4.00
(7)	.01	.01	.01	.02	.02	.015	.02
(8)	.20	.15	.20	.25	.15	.25	.18
(9)	1.00	1.50	1.50	1.50	1.50	1.50	1.60
(10)	.50	.60	.50	.50	.50	.50	.50
(11)	90.00	75.00	100.00	100.00	100.00	75.00	100.00
(12)	5.00	10.00	5.00	4.00	3.00	2.50	1.50
(13)	.35	.31	.30	.30	.34	.38	.50
(14)	.40	.43	.40	.40	.44	.38	.60
(15)	30.00	28.00	30.00	35.00	35.00	30.00	40.00
(16)	30.00	30.00	30.00	35.00	35.00	30.00	40.00
(17)	.075	.08	.08	.07	.08	.07	.10
(18)	2.00	2.25	2.75	2.50	2.25	2.00	2.20
(19)	2.80	3.25	3.50	3.50	3.25	3.00	3.40
(20)	3.80	4.25	4.00	4.00	4.00	4.00	4.50
(21)	5.25	5.50	5.50	5.75	5.50	5.50	6.50
(22)	.60	1.00	1.00	1.00	1.00	1.00	2.00
(23)	3.50	3.00	3.00	3.50	3.00	3.00	3.00

- (16) 5000 c.y. struc. backfill, compacted;
- (17) 4,480,000 c.y. fill in embankment, Zones 1 and 3;
- (18) 2,650,000 c.y. do, Zone 2;
- (19) 1,998,000 c.y. do, Zone 4;
- (20) 3,450,000 c.y. do, Zone 5;
- (21) 95,000 c.y. rock fill in toe, Zone 6
- (22) 6,500,000 squares (100 sq. ft.) rolling for each addl. 3 trips;
- (23) 9000 c.y. sand and gravel filters, drains and backing;
- (24) 29,000 squares rock paving;
- (25) 9000 c.y. rock fill in cutoff crib
- (26) 70,000 c.y. rock fill below cut-off crib;
- (27) 75 squares gutter paving;
- (28) 48,000 sq. ft. pneumatically placed conc. surf., 1-in. thick;
- (29) 4500 lf. 8-in. clay tile drains;
- (30) 4500 lf. 12-in. do;
- (31) 1000 lf. 24-in. vit. clay pipe drains;
- (32) 45,000 lf. drilling 3-in. holes in rock or concrete;
- (33) 43,000 cu. ft. pressure grouting;
- (34) 1250 c.y. Class A conc. in key-ways;
- (35) 500 c.y. Class A concrete in bridge superstructure;
- (36) 15,500 c.y. Class A concrete in slabs, inlet, & discharge aprons;
- (37) 32,000 c.y. Class A concrete in walls (except spillway counterforted retaining walls), in slab and buttress dam, cut-off keys and misc. work;
- (37-A) 30,000 c.y. Class concrete in counterforted spillway retaining walls;
- (38) 1,000,000 lbs. furnishing, bending and placing steel reinf. in counterforted spillway retaining walls, except inclined steel

- counterforts;
- (38-B) 1,000,000 lbs. furnishing, bending and placing inclined steel reinf. in spillway retaining wall counterforts;
- (38-C) 1,100,000 lbs. furnishing, bending and placing structural steel reinf.;
- (39) 320,000 lbs. installing gates and accessories;
- (40) 350 c.y. grouting gate recesses;
- (41) installing crane in operating house, lump sum;
- (42) installing switchboard, lump sum
- (43) 5000 lbs. furnishing and installing conduit for elec. wiring;
- (44) 10,500 lbs. furnishing and installing oil pressure system;
- (45) furnishing and installing fan ventilator, lump sum;
- (46) furnishing and installing trolley and chain hoist, lump sum;
- (47) furnishing utility chain hoist, lump sum;
- (48) furnishing and installing lighting and power system, lump sum
- (49) furnishing and installing underground power service, lump sum
- (50) 60,000 lbs. furnishing and installing black steel pipe;
- (51) 120 lbs. furnishing and installing galv. steel pipe;
- (52) 6700 lbs. furnishing and installing misc. wrought iron pipe;
- (53) 680 lbs. furnishing and installing misc. brass and bronze;
- (54) 28,000 lbs. furnishing and installing copper water stops;
- (55) 150,000 lbs. furnishing and installing misc. struc. steel;
- (56) 5700 lbs. furnishing and installing misc. metal work;
- (57) 1200 gals. furnishing and filling

- oil system;
- (58) 565 l.f. furnishing and installing bridge railing;
- (59) 56 l.f. furnishing and installing bridge railing;
- (60) 1870 l.f. channel fencing;
- (61) operating house superstructure, lump sum;
- (62) vent house superstructure, lump sum.

The bid form calls for a total bid, exclusive of Item 38-C and for a total bid exclusive of Items 38-A and 38-B.

The work is to be completed within 915 calendar days, with a penalty of \$500 per day until the work is put in a safe and practical operating condition as determined by the Contracting Officer, and \$100 per day until work is completed or accepted.

30

BIDS OPENED

VINITA, Okla.—Messman Constr. Co., Kansas City, Mo., at \$9,322,960, submitted the low bid to the Grand River Dam Authority, Vinita, Okla., for the construction of the Pensacola Dam and power house, Contract No. 7, a multiple arch dam approximately 150 ft. maximum height, involving about 1,250,000 cu. yds. earth work and 480,000 cu. yds. concrete.

The other bids were:

Central Engrg. Co. and McCarthy Improvement Co., Davenport, Iowa, \$9,784,569.

J. F. Shea Co., Los Angeles, \$10,183,740.

W. E. Callahan Constr. Co. and Gunther & Shirley, Omaha, Neb., and Los Angeles, \$10,350,130.

Dravo Corp., Pittsburgh, Pa., \$10,164,250.

United Constr. Co., \$10,678,954.99.

Griffith Co. and D. W. Thurston, Los Angeles, \$10,984,358.

Pencole Constr. Co., \$11,202,140.

Mason - Walsh-Atkinson-Kier, \$12,705,675.

30

31—PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Building, San Francisco, at \$3,975.44 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 180, for laying of 6- and 8-inch cast iron mains in Merced Manor Sub-division in Alemany Blvd. and in 25th Ave., San Francisco.

Work involves:

- (1) 1,628 l.f. excavation and backfill for 6- and 8-in. pipe trench 17-in. wide by 36-in. deep;
- (2) 15 c.y. additional excavation & backfill;
- (3) no item 3;
- (4) installing pipe:
 - (a) 570 l.f. 6-in. bolted joint cast iron pipe;
 - (b) 1058 l.f. 8-in. bell and spigot cast iron pipe;
 - (c) 2,000 lbs. fittings, gate valves, etc., installed;
 - (d) 200 l.f. bell and spigot joints;
 - (e) 95 joints making bolted joints for 6-in. CI pipe;
 - (f) repavement:
 - (a) 625 sq. ft. of street pavement;
 - (b) 1600 sq. ft. sidewalk;
 - (c) 51 3/4-in. screw taps installed;
 - (d) (a) 120 l.f. 3/4-in. copper service pipe installed;
 - (e) 1000 l.f. 3/4-in. galv. iron service pipe installed;
- (10) furnishing cast iron bell and spigot pipe, Class 150:
 - (a) 570 l.f. 6-in. pipe at \$75 per l.f.;
 - (b) 1058 l.f. 8-in. pipe at \$1 per l.f.
- (11) furnishing bell and gate valves:
 - (a) one 4-in. valve at \$12;
 - (b) three 8-in. valves at 20.50 each
 - (12) furnishing bell and spigot cast

- iron fittings: 2100 lbs. at \$0.06 per lb.;
- (13) furnishing steel band and bolts: 100 lbs. at \$0.05 per lb.;
- (14) (a) furnishing 3/4-in. copper service pipe: 120 l.f. at \$0.17 per l.f.;
- (b) furnishing 3/4-in. galv. iron service pipe: 1060 l.f. at \$0.05 per l.f.;
- (15) lump sum: furnishing 3/4-in. fittings for services, \$108;
- (16) lump sum: engineering, supervision and inspection, \$553;
- (17) lump sum: connections, 196.

Total bids follow:

(A) E. J. Treacy, 430 Call Bldg., San Francisco, \$3,975.44.

(B) Martin Murphy, Albany, \$4,120.08.

(C) San Francisco Water Dept., \$4-378.14.

(D) The Fay Improvement Co., \$4-568.64.

(E) W. J. Tobin, Oakland, \$4,596.93.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$.33	\$.40	\$.40	\$.55	\$.58
(2)	.50	.10	.25	.01	.50
(3)					
(4a)	.055	.10	.05	.09	.08
(4b)	.075	.10	.08	.143	.08
(5)	.025	.02	.02	.03	.02
(6)	.32	.40	.30	.36	.30
(6a)	.36	.50	.20	.31	.50

(7a)	.18	.15	.26	.20	.25
(7b)	.12	.15	.20	.12	.25
(8)	1.00	1.00	.75	1.25	1.50
(9a)	.20	.10	.25	.30	.40
(9b)	.15	.10	.30	.25	.35
(10a)	.75	.75	.75	.75	.75
(10b)	1.00	1.00	1.00	1.00	1.00
(11a)	12.00	12.00	12.00	12.00	12.00
(11b)	20.50	20.50	20.50	20.50	20.50
(12)	.06	.06	.06	.06	.06
(13)	.05	.05	.05	.05	.05
(14a)	.17	.17	.17	.17	.17
(14b)	.065	.065	.065	.065	.065
(15)	108.00	108.00	108.00	108.00	108.00
(16)	553.00	553.00	553.00	553.00	553.00
(17)	196.00	196.00	196.00	196.00	196.00

31

BIDS WANTED

LOS ANGELES, Cal.—Until July 1, 2 p.m., bids will be received by the State Highway Dept., 808 State Bldg., Los Angeles, for alterations to irrigation pipe line systems on various properties located on either side of Rosemead Blvd., beginning at a point approximately 1500 ft. south of Whittier Blvd. and extending a distance of approximately 9000 ft. Rivera, Los Angeles County—Road VII-LA-168-B. The work involves 21-in., 24-in. and 30-in. centrifugally cast reinf. concrete pipe, valves, cement walk, 6-in. asphalt paving, etc. For fur-

NYE CO., NEV.—HIGHWAY CONSTRUCTION—(State)

NYE CO., Nev.—U. B. Lee, 1159 Estudillo Ave., San Leandro, at \$22-778.50, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 12.74 miles construction of Class B-1, roadmix bituminous surface on a portion of the State Highway, Routes Nos. 4 and 8-A, east of Tonopah to a point approximately 12 1/2 miles north, Route 8, Sections A-1 and A-2, Nye County, Nevada.

Work involves:

- (1) 127 tons liquid asph., type MC-2 (seal);
- (2) 983 tons liquid asph., type SC-2 (roadmix);
- (3) 12.74 miles roadmix;
- (4) 120 each, culvert markers;
- (5) 58 each, guide posts;

- (6) 175 cu. yds. processing stockpile gravel.

Total bids follow:

(A) U. B. Lee, 1159 Estudillo Ave., San Leandro, Cal.—\$22,778.50.

(B) Silver State Constr. Co., Fallon, Nev.—\$23,786.50.

(C) Dodge Constr., Inc., Fallon—\$23,972.93.

(D) J. A. Casson, Hayward—\$24-387.10.

(E) George French, Jr., Stockton—\$25,073.04.

(F) W. W. Clyde & Co., Springville, Utah—\$28,366.10.

(G) Utah Constr. Co., Ogden—\$28-579.50.

(H) Oilfield Trucking Co., Bakersfield, Cal.—\$29,483.65.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$18.00	\$20.00	\$17.66	\$20.00	\$22.22	\$22.00	\$23.50	\$23.47
(2)	15.00	15.50	10.17	16.20	16.70	18.70	20.00	18.87
(3)	400.00	400.00	400.00	400.00	400.00	500.00	400.00	550.00
(4)	3.00	3.00	3.00	3.00	3.00	2.50	3.50	3.50
(5)	3.00	3.00	3.00	3.00	3.00	2.50	3.00	3.50
(6)	.50	2.00	1.00	1.50	1.00	2.00	1.20	1.65

CLARK CO., NEV.—HIGHWAY CONSTRUCTION—(State)

CLARK CO., Nev.—J. A. Casson, 319 Warren St., Hayward, at \$76-350.85, awarded contract by the State of Nevada Directors of the Dept. of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 20.40 mi. highway construction from Railroad Pass to a point approximately 20 miles south, Rte. 5, Sec. C, Clark Co., Nev.

Work involves:

- (1) 48,992 c.y. roadway excav.;
- (2) 2,420 c.y. drainage excav.;
- (3) 585 sta. V type ditches;
- (4) 18,518 yd. sta. overhaul (yd. sta.);
- (5) 1,540 c.y. struc. excav.;
- (6) 1,180 c.y. backfill;
- (7) 12.09 mi. subgrade, type C;
- (8) 8.31 mi. reshape roadway;
- (9) 12 M. gals. water;
- (10) 58,744 tons gravel surface;
- (11) 206 tons liq. asph., type MC-2 (seal);
- (12) 1,225 tons liq. asph., Type SC-2 (road-mix);

- (13) 20.40 mi. roadmix;
- (14) 130 c.y. class B concrete;
- (15) 3,465 lbs. reinf. steel;
- (16) 770 l.f. 18-in. CMP;
- (17) 2,054 l.f. 24-in. CMP;
- (18) 86 l.f. 36-in. CMP;
- (19) 162 each, culvert markers;
- (20) 32 each, guide posts;
- (21) 30 each, monuments.

Total bids follow:

(A) J. A. Casson, 319 Warren St., Hayward, Cal.—\$76,350.85.

(B) George French, Jr., Stockton—\$77,923.23.

(C) George Pollock Co., Sacramento—\$80,806.61.

(D) Dodge Constr., Inc., Fallon, Nev.—\$85,792.20.

(E) Utah Constr. Co., Ogden, Utah—\$86,739.46.

(F) V. R. Dennis Constr. Co., San Diego—\$89,037.43.

(G) Isbell Constr. Co., Reno, Nev.—\$91,503.21.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 0.16	\$ 0.20	\$ 0.22	\$ 0.22	\$ 0.20	\$ 0.20	\$ 0.25
(2).....	.25	.30	.34	.25	.22	.20	.35
(3).....	2.50	2.50	3.75	5.00	3.00	4.00	5.00
(4).....	.005	.01	.015	.02	.01	.02	.02
(5).....	1.00	1.00	1.00	1.00	1.25	1.00	1.50
(6).....	.50	.50	.40	.50	.60	1.00	.50
(7).....	150.00	50.00	75.00	100.00	75.00	100.00	100.00
(8).....	50.00	50.00	50.00	75.00	125.00	100.00	200.00
(9).....	10.00	5.00	5.00	5.00	10.00	5.00	5.00
(10).....	.41	.40	.40	.45	.42	.48	.45
(11).....	17.00	17.00	19.00	16.00	20.00	18.00	18.00
(12).....	12.20	12.20	13.00	12.50	16.00	14.00	14.00
(13).....	400.00	375.00	340.00	400.00	400.00	450.00	400.00
(14).....	25.00	30.00	30.00	30.00	30.00	30.00	40.00
(15).....	.10	.07	.08	.07	.10	.07	.07
(16).....	1.75	2.00	2.00	2.50	2.00	2.00	2.00
(17).....	2.50	3.00	3.00	3.25	3.00	3.00	2.75
(18).....	5.00	5.00	6.00	5.50	6.00	5.50	5.00
(19).....	3.00	3.00	3.00	3.00	3.50	3.00	3.50
(20).....	3.00	3.00	3.00	3.00	3.00	3.00	3.00
(21).....	3.00	3.00	3.00	3.00	3.00	3.00	3.50

FRESNO COUNTY—GRADING & SURFACING—(State)

FRESNO COUNTY, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$116,377 submitted low bid to the State Division of High-Engineer, Public Works Bldg., Sacramento, for grading and surfacing with asphalt concrete about 2.1 miles at Selma, Fresno County.

- Work involves:
- (1) Clear and grub right of way;
 - (2) 600 c.y. remove and dispose of existing concrete;
 - (3) 2,000 M. gals. water;
 - (4) 4,500 c.y. rdwy. excav., unclass.;
 - (5) 420 c.y. struc. excav.;
 - (6) 60,000 c.y. imported borrow;
 - (7) 1,000 sta. yds. overhaul;
 - (8) 46,000 sq. yds. prepare subgrade;
 - (9) 112 sta. finish rdwy.;
 - (10) 4,700 tons min. agg., plant mix surfacing;
 - (11) 250 tons liquid asphalt, SC-4, plant mix surf.;
 - (12) 31 tons liquid asphalt, SC-2 prime coat;
 - (13) 11,000 sq. yds. prepare, mix and shape shoulders and road approaches, road mix surf. treat.;
 - (14) 120 tons liquid asphalt, SC-4, road mix surf. treatment;
 - (15) 3 tons liquid asphalt, SC-2 penetration oil treatment;
 - (16) 19,285 tons asphalt concrete;
 - (17) 1,700 sq. yds. asph. paint binder;
 - (18) 25,700 lbs. bar reinf. steel;
 - (19) 170 c.y. Class A Portland cement concrete, struc.;

- (20) 635 c.y. Class A Portland cement conc. sidewalks, curbs and driveways;
- (21) 134 lf. 18-in. CMP;
- (22) 206 lf. 18x6 $\frac{1}{2}$ -in. part circle CM culvert;
- (23) 69 lf. 6-in. conc. sewer pipe;
- (24) 4 each culvert markers;
- (25) 15 each guide posts;
- (26) 3 each cast iron handles;
- (27) 2 each cast steel frames and gres.;
- (28) 43 each monuments;
- (29) 1,670 lf. $\frac{3}{4}$ -in. stand. galv. steel water pipe;
- (30) 1,950 lf. 1-inch do.;
- (31) 850 lf. 1 $\frac{1}{2}$ -inch do.;
- (32) 100 lf. 1 $\frac{1}{2}$ -inch do.;
- (33) 450 each shrubbery sprays;
- (34) 300 each eucalyptus sideroxylin rosea.;
- (35) 430 each pyracantha formosiana;
- (36) 40 each pyracantha yunnanensis.

Total bids follow:
 (A) Union Paving Co., 212 Babcock Bldg., San Francisco, \$116,377.00.
 (B) Piazza & Huntley, San Jose \$123-799.00
 (C) Griffith Co., Los Angeles, \$124-708.00.
 (D) Hanrahan Co., Redwood City, \$129,362.00.
 (E) N. M. Ball Sons, Albany, \$135-905.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$2500.00	\$3500.00	\$2000.00	\$1600.00	\$4700.00
(2).....	2.00	3.00	1.50	1.25	1.50
(3).....	.75	1.15	.60	.70	1.20
(4).....	.30	.50	.25	.30	.45
(5).....	.80	1.00	.90	1.00	1.20
(6).....	.32	.40	.35	.32	.34
(7).....	.02	.02	.06	.05	.02
(8).....	.09	.07	.05	.05	.10
(9).....	6.00	5.00	3.00	6.00	4.00
(10).....	2.00	1.90	2.30	2.20	2.12
(11).....	10.00	10.00	10.50	11.50	10.50
(12).....	12.00	12.00	18.00	12.00	10.75
(13).....	.07	.06	.08	.07	.05
(14).....	12.00	12.00	11.00	14.00	10.75
(15).....	12.00	18.00	40.00	20.00	15.00
(16).....	2.80	2.86	3.09	3.50	3.11
(17).....	.01	.015	.04	.02	.03
(18).....	.05	.05	.054	.05	.05
(19).....	18.00	19.00	23.00	19.00	20.00
(20).....	13.00	15.00	14.00	15.00	24.00
(21).....	2.00	1.90	2.00	2.00	2.00
(22).....	2.00	1.90	1.85	2.00	1.80
(23).....	.50	1.00	.60	.70	.70
(24).....	3.00	3.00	3.00	2.00	2.00
(25).....	3.00	2.00	3.00	2.00	2.00
(26).....	20.00	20.00	20.00	20.00	19.00
(27).....	50.00	50.00	50.00	50.00	50.00
(28).....	2.00	2.00	3.00	2.50	2.00
(29).....	.40	.22	.35	.25	.31
(30).....	.50	.25	.45	.30	.42
(31).....	.60	.30	.55	.33	.51
(32).....	.70	.35	.80	.35	.60
(33).....	.75	1.00	.75	1.00	.95
(34).....	1.00	1.70	2.80	1.50	2.70
(35).....	1.00	1.70	2.20	1.50	2.70
(36).....	.90	1.70	2.20	1.50	2.70

ther details, specifications and bid forms apply to right-of-way department, State Highway Dept., at above address.

BIDS OPENED
 SUTTER COUNTY, Cal.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-292, for boring a well and furnishing and installing a well casing at the Sutter By-Pass Pumping Plant No. 1, near Yuba City.

- Bids were taken on:
 (1) Moving to job, setting up equipment ready for drilling, and disassembling and moving from job at end of work;
 (2) Drilling and casing:
 (a) 1 to 50 feet;
 (b) 51 to 100 feet;
 (c) 101 to 150 feet;
 (d) 151 feet or more;
 (e) Testing yield:
 (1) by boiler;
 (2) by pumping;
 (f) perforating pipe 30 feet.
- Bids were:
 Coffman Bros., Woodland, (1) \$25 (2) \$2.70; (b) \$2.70; (c) \$2.70; (d) \$2.70; (e-1) \$5; (e-2) \$30; (f) \$15.
 R. L. Norris, Sacramento, (1) \$50; (2) \$3; (b) \$3; (c) \$3; (d) \$3; (e-1) \$2.50; (e-2) \$50; (f) \$25.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED
 HAYWARD, Alameda Co., Cal.—Until July 5, 8 p.m., bids will be received by the Hayward City Council, City Clerk, City Hall, Hayward, for the construction of sanitary sewers and appurtenances in the City of Hayward.

- Work involves:
 (1) 3,600 lf. 8-in. vit. clay pipe sewer, in place;
 (2) 1,400 lf. 10-in. do.;
- (3) 1,700 lf. 12-in. do.;
- (4) 380 lf. 12-in. cast iron pipe sewer, in place;
- (5) 80 lf. 8-in. do.;
- (6) Two 12-in. by 4-in. Y branches;
- (7) Fifty 10-in. by 4-in. Y branches;
- (8) Eighty 8-in. by 4-in. Y branches;
- (9) One 8-in. by 8-in. Y branch;
- (10) 32 standard brick manholes.

Plans and specifications may be obtained from the above office or from the City Engineer, upon deposit of \$10.

BIDS OPENED
 SAN FRANCISCO—M. J. Lynch, 1435 Church St., San Francisco, at \$925, submitted low bid to the Department of Public Works, Room 251, City Hall, for replacing 15-inch VCP sewer with 21-inch VCP sewer in portion of block of Douglas St., between 18th St. and Caselli Ave.

Total bids follow:
 M. J. Lynch, 1435 Church St., San Francisco, \$925.
 Martin Murphy, Albany, \$938.
 Chas. L. Harney, \$945.
 Eaton & Smith, \$975.
 C. B. Panacci, \$987.
 E. J. Treacy, \$988.
 Fay Improvement Co., \$1180.

BIDS OPENED
 TULARE CO., Cal.—Eser Wikholm, Ltd., 665 $\frac{1}{2}$ S. Western Ave., Los Angeles, at \$24,000 submitted low bid to the U. S. Department of Agriculture, Farm Security Administration, Rm. 418, Wells-Fargo Bldg., 85 Second St., San Francisco, for the construction and completion of the sewage treatment works at the Tulare Unit

of the California Migratory Labor Camp Project in Tulare County.

Total bids follow:
Eser Wikholm, Ltd., 665 1/2 S. Western Ave., Los Angeles \$24,000
Fred J. Early, Jr., S. F. 27,915
R. E. Kerns, Long Beach 28,700
Robert E. McNair, Oakland 29,950
Ajax Const. Co., S. F. 33,385
Gates & Huntley, Los Angeles 34,262
J. C. Hickey, Alhambra 50,000

TO PREPARE PLANS

SAN MATEO, Cal.—The San Mateo City Council instructed City Manager, W. D. Soule, to draw up plans and specifications for the construction of a \$25,000 sanitary sewer system in San Mateo Park.

33— WATER WORKS

BIDS WANTED

GUSTINE, Merced Co., Cal.—Until July 7, 10 a.m., bids will be received by the Gustine Drainage District Board of Directors, Justice's Court Room, Gustine, for furnishing and installing drainage pumping plants.

Plans and specifications may be obtained from the Engineer of the District, Frank Davis, 2325 Dwight Way, Stockton, upon deposit of \$5.00.

34— PARKS AND PLAY-GROUNDS

BIDS WANTED

SAN FRANCISCO.—Until June 28, 12 noon, bids will be received by the Board of Park Commissioners, E. F. Lamb, Secretary, Park Lodge, Golden Gate Park, San Francisco, for:

- (1) Regrading and resurfacing of 11 tennis courts at the Palace of Fine Arts; and
(2) Wearcoat resurfacing of 7 tennis courts at the Palace of Fine Arts.

Proposal forms obtainable at the office of the Athletic Organizer, Basketball Pavilion, Kezar Stadium, San Francisco.

35— TUNNELS

June 23, 1938.

BIDS WANTED

LOS ANGELES, Cal.—Until June 28, 2 p.m., bids will be received by the Los Angeles County Supervisors for construction of underpass at junction of Sand Canyon Road and S. P. Ry. (valley line).

Among those who have taken out plans are the following San Francisco firms:

Guy F. Atkinson, Russ Bldg., San Francisco.

Steel Construction Co., 1727 Russ Bldg.

COMPLETE BIDS

RIVERSIDE CO., Cal.—V. R. Dennis Const. Co., P. O. Box F, Station A, San Diego, at \$4,295.25 submitted low bid to the State Highway Department, 1365 Harbor St., San Diego, for constructing a reinforced concrete pedestrian underpass in Riverside County, City of Indio, on 46th Ave. at Smurr St. (XI-Riv-64-Ind.)

Work involves:
(1) 510 c.y. struc. excav.

- (2) 6 c.y. rock backfill;
(3) 6000 lbs. bar reinf. steel;
(4) 85 c.y. Class A concrete;
(5) 91 lf. wire mesh fence;
(6) 1 lot lighting equipment.

PLUMAS, LASSEN & MODOC COS.—Surfacing—(State)

PLUMAS, LASSEN AND MODOC COS., Calif.—Harms Bros., Litchfield, at \$24,347, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 44.7 miles work in Plumas, Lassen and Modoc Counties, as follows:

LOCATION "A"—Plumas County, between Buttes and Edes Ranch, about 5.7 mi. road-mix surf. and applying seal coat.

Lassen County, between Buckworth Pass and Junction of Rte. 29, about 5.4 mi. road-mix surf. treatment and applying seal coat.

LOCATION "B"—Lassen County, between 3 1/2 mi. south of Ravendale and Termo, about 10.4 mi. applying seal coat.

LOCATION "C"—Modoc County, between a point about 6 mi. south of Alturas and Alturas, about 6 mi. road-mix surface treatment and applying seal coat.

LOCATION "D"—Modoc County, between a point 10.7 mi. west of Cedarville and a point 13.4 mi. west of Cedarville, about 2.7 mi. road-mix surface treatment and applying seal coat.

LOCATION "E"—Modoc County, between a point one mile west of Cedarville and the Nevada State Line, about 10.17 mi. applying seal coat.

LOCATION "F"—Modoc County, between Pit River Bridge and Canby, about 4.3 mi. surfacing with road-mix surfacing and applying seal coat.

Work involves:

- LOCATION "A"
(1) 200 tons liq. asph., SC-4 road-mix surf. treatment;
(2) 11.1 mi. preparing, mixing and shaping roadbed road-mix surf. treatment;
(3) 65 tons liq. asph., SC-4 (seal coat);
(4) 500 c.y. sand seal coat;

Table with 4 columns (A, B, C, D) and 20 rows of bid amounts for various locations.

(check insufficient), \$35,370.50.

Unit prices follow:
Table with 3 columns (A, B, C) and 6 rows of unit prices for different materials.

LOCATION "B"
(5) 105 tons liq. asph., ROMC-3 seal;
(6) 700 c.y. sand seal coat;

LOCATION "C"
(7) 110 tons liq. asph., SC-4 (road-mix surf. treat.);
(8) 6 mi. preparing, mixing and shaping roadbed roadmix surf. treat.;

(9) 36 tons liq. asph., SC-4 seal coat;
(10) 275 c.y. sand seal coat;

LOCATION "D"
(11) 50 tons liq. asph., ROMC-3 road-mix surf. treat.;

(12) 2.7 mi. preparing, mixing and shaping roadbed roadmix surf. treat.;

(13) 17 tons liq. asph., ROMC-3 seal coat;

(14) 150 c.y. sand seal coat;

LOCATION "E"
(15) 51 tons liq. asph., ROMC-3 seal coat;

(16) 475 c.y. sand seal coat;

LOCATION "F"
(17) 1,000 c.y. min. agg. roadmix surf.;

(18) 85 tons liq. asph., ROMC-3 road-mix surf.;

(19) 10 tons liq. asph., ROMC-3 tack coat;

(20) 20 tons liq. asph., ROMC-3 seal coat;

(21) 175 c.y. sand seal coat.

Total bids follow:
(A) Harms Bros., Litchfield—\$24,347.00.

(B) Hayward Bldg. Matls. Co., Hayward—\$25,338.00.

(C) E. A. Forde, San Anselmo—\$27,101.00.

(D) Fredericksen & Westbrook, Lower Lake—\$29,188.00.

(E) A. Soda & Son, Oakland—\$29,338.00.

(F) Lee J. Immel, Berkeley—\$32,580.

(G) Pacific Truck Service, Inc., San Jose—\$34,320.

(H) Claude C. Wood, Stockton—\$37,563.00.

(I) Offields Trucking Co., Bakersfield—\$39,055.

Unit prices follow:
Table with 10 columns (A through J) and 6 rows of unit prices for different materials.

BIDS WANTED

SAN FRANCISCO CO., Cal.—Until June 29, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., San Francisco, for the construction of a reinforced concrete pedestrian subway extension approximately 582 feet northerly of the San Mateo County Line, San Francisco Co., Cal.

Work involves:
(1) clearing and grubbing;

- (2) 200 c.y. roadway excav. without classification;
- (3) 630 c.y. imported borrow;
- (4) 300 c.y. struc. excav.;
- (5) 5 c.y. removing concrete;
- (6) 1,250 sq. yds. scarifying existing surfacing;
- (7) 2.5 sta. finishing roadway;
- (8) 602 tons crusher run base;
- (9) 3.5 tons liquid asph., SC-1A (prime coat);
- (10) 5.3 tons liq. asph., 90-95 (armor coat);

- (11) 104 tons screenings (armor coat);
- (12) 204 c.v. Class A portland cement concrete (structures);
- (13) 25,700 lbs. bar reinforcing steel;
- (14) 50 lin. ft. 8-in. CMP;
- (15) 2 each. spillway assemblies;
- (16) 265 lin. ft. removing and disposing of fences;
- (17) 0.03 mile new property fence, type A;
- (18) New property fence, type B, lump sum.

REDDING—WATER SYSTEM—(City)

REDDING, Shasta Co., Cal.—Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at \$197,070.20 submitted low bid and was tentatively awarded contract by the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for the construction of the second unit of the municipal water system at Redding.

- Work involves:
- (1) 16,375 lf. 2-in. diam. cement-lined cast iron pipe, in place;
 - (2) 59,505 lf. 6-in. diam. cement-lined cast iron pipe, in place;
 - (3) 16,025 lf. 8-in. diam. cement-lined cast iron pipe, in place;
 - (4) 3,770 lf. 12-in. diam. cement-lined cast iron pipe, in place;
 - (5) (a) 1,500 lf. 18-in. diam. cement lined cast iron pipe, Class 100, in place;
 - (b) 2,395 lf. 18-in. diam. cement lined cast iron pipe, Class 150, in place;
 - (6) 24 2-in. gate valves, in place;
 - (7) 88 6-in. gate valves, in place;
 - (8) 17 8-in. gate valves, in place;
 - (9) 7 12-in. gate valves in place;
 - (10) 2 18-in. gate valves, in place;
 - (11) 2 6-in. check valves, in place;
 - (12) 45,000 lbs. unclass. cast iron fittings, in place;
 - (13) Lump sum, construct three special crossings of Southern Pacific right-of-way;

- (14) Construct 1,402 3/4-in. copper service;
- (a) Unit price per foot for any change in length of service;
- (15) Construct 93 1-in. copper services;
- (a) Unit price per foot for any change in length of service;

- (16) Construct 37 2-in. cast iron services;
- (a) Unit price per foot for any change in length of service;
- (17) Construction 6-in. cast iron services;
- (a) Unit price per foot for any change in length of service;
- (18) Place 100 fire hydrants and leads;
- (a) Unit price per foot for any change in length of lead;
- (b) Unit price per 6 inches for any change in length of hydrant riser;
- (c) Deduct for construction of lead and placing fire hydrants if fire hydrant and riser supplied by City of Redding;
- (19) Lump sum, construct booster pump house, furnish and install equipment;
- (20) Paving;
- (a) 14,400 sq. yds. removal and replacement of paving under Paragraph 4, Sec. 4;
- (b) 3,734 sq. yds. removal and replacement of paving under Paragraph 5, Sec. 5;
- (c) Removal and replacement of paving under Paragraph 6, Sec. 4;
- (1) 1065 sq. yds. asph. conc.;
- (2) 1065 sq. yds. asph. conc. top and concrete base;
- (3) 200 sq. yds. concrete;
- (4) 200 sq. yds. removal and replacement of sidewalk under Par. 7, Sec. 4.

- (B) Deduct for omission of cement lining in Item 4;
- (C) Deduct for omission of cement lining in Item 3;
- (D) Deduct for omission of cement lining in Item 3;
- (E) Deduct for omission of cement lining in Item 1;
- (F) Deduct for use of cement lined welded steel pipe, 10-gauge, in Item 5 (a) and (b);
- (G) Deduct for use of cement lined welded steel pipe, 10-gauge, in Item 4.

- Total bids follow:
- (A) Oakland Sewer Const. Co., 9915 Walnut St., Oakland: \$197,070.20.
 - (B) Bebek & Brkich, Los Angeles: \$200,480.20.
 - (C) Gogo & Rados, Los Angeles: \$203,228.85.
 - (D) W. J. Tobin, Oakland: \$203,873.75.
 - (E) Warren Southwest, Inc., Los Angeles: \$206,673.13.
 - (F) Robt. B. McNair, Oakland: \$211,813.89.
 - (G) Underground Const. Co., Oakland: \$213,622.10.
 - (H) Gates & Huntley, Los Angeles: \$220,991.50.
 - (I) Clifford A. Dunn, Klamath Falls, Oregon: \$226,245.69.
 - (J) Johnson, Inc., Alhambra: \$227,901.03.
 - (K) Macco-Robertson, Ltd., Clearwater, \$229,759.50.
 - (L) Williams Bros. & Has, Inc., San Francisco, \$241,088.70.
 - (M) J. C. Hickey, Alhambra: \$263,027.10.

ALTERNATES:

- (A) Deduct for omission of cement lining in Item 5 (a) and (b);

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)...	\$9825.00	\$9825.00	\$9825.00	\$9825.00	\$9170.00	\$10316.25	\$9825.00	\$11462.50	\$7041.25	\$9825.00	\$9006.25	\$11921.00	\$14737.50
(2)...	71406.00	71406.00	76166.40	73191.15	76166.40	7571.35	71406.00	83307.00	78543.50	\$2711.95	\$5092.15	864011.26	89257.50
(3)...	26120.75	25640.00	28043.75	27563.00	30447.50	29165.50	32050.00	28845.00	32851.25	32370.50	33011.50	32578.83	32050.00
(4)...	23854.40	26310.00	27187.00	24731.40	26310.00	26310.00	26310.00	25310.00	31137.50	28239.40	19642.60	28537.58	26310.00
(5a)...	7050.00	6000.00	6000.00	6390.00	6600.00	6840.00	6750.00	7500.00	8170.00	8130.00	7560.00	7317.00	6600.00
(5b)...	13651.50	10777.50	10777.50	11567.85	11975.00	12358.20	11975.00	13172.50	14967.75	14855.55	13627.55	13766.46	11735.50
(6)...	276.00	360.00	216.00	300.00	216.00	295.20	360.00	312.00	273.60	300.00	336.00	312.00	360.00
(7)...	2068.00	2200.00	1848.00	2112.00	1914.00	2046.00	2640.00	2200.00	234.64	2178.00	2860.00	2330.24	2464.00
(8)...	569.50	680.00	476.00	612.00	629.00	603.50	680.00	646.00	797.65	629.00	892.50	728.62	714.00
(9)...	331.50	525.00	406.00	434.00	420.00	434.00	490.00	434.00	547.50	437.50	651.00	512.75	476.00
(10)...	233.00	306.00	430.00	280.00	270.00	280.00	300.00	230.00	367.00	280.00	400.00	336.00	326.00
(11)...	63.00	75.00	65.00	64.00	74.00	63.00	80.00	76.00	76.00	67.00	75.00	64.06	86.00
(12)...	3600.00	4950.00	3825.00	4050.00	3330.00	3150.00	4500.00	4500.00	4501.50	3150.00	3700.00	5220.00	4500.00
(13)...	1000.00	3500.00	2936.00	3750.00	3700.00	4641.55	3000.00	3900.00	180.00	2245.00	4370.00	4800.00	3000.00
(14)...	16824.00	16824.00	15422.00	17525.00	1496.40	15281.80	16123.00	15422.00	14027.00	15632.30	14020.00	17525.00	25236.00
(15)...	1302.00	1395.00	1023.00	1337.00	906.75	1264.80	1209.00	1305.00	1027.00	1190.00	10426.35	1335.48	1860.00
(16)...	999.00	1110.00	814.00	1295.00	976.80	1554.00	925.00	40.00	278.75	1110.00	999.00	1203.98	1406.00
(17)...	70.00	200.00	50.00	200.00	100.00	246.00	200.00	180.00	150.00	112.00	150.00	155.42	250.00
(18)...	7300.00	8650.00	8200.00	8600.00	7900.00	9100.00	8000.00	8400.00	3500.00	8250.00	8700.00	10962.00	15200.00
(19)...	1000.00	1500.00	1000.00	800.00	1100.00	1213.50	2700.00	1760.00	1509.00	1300.00	1500.00	1800.00	1500.00
(20a)...	2888.00	1440.00	3600.00	2880.00	3600.00	2520.00	5760.00	4320.00	5760.00	6192.00	2160.00	4492.80	12960.00
(20b)...	1493.60	1120.20	1120.20	1120.00	1568.28	1344.24	2427.10	2240.00	261.80	1941.68	1120.20	2380.02	3360.60
(20c)...	1895.70	2130.00	1597.50	2396.25	3088.50	2982.00	2130.00	2130.00	2130.00	2398.75	1810.50	1533.60	3840.00
(c-2)...	60.00	2592.50	1597.50	2130.00	3514.50	3195.00	2982.00	2449.50	2667.50	3195.00	2769.00	3450.00	3840.00
(c-3)...	446.00	500.00	300.00	360.00	650.00	624.00	400.00	400.00	400.00	650.00	380.00	936.00	610.00
(20d)...	360.00	400.00	300.00	360.00	550.00	414.00	400.00	400.00	360.00	220.00	380.00	540.00	360.00

ALTERNATES

(A)	0.23	895.85	.23	896.00	895.85	0.23	0.23	0.23	0.23	1051.65	900.00	0.23	0.23	
(B)	0.17	1490.90	.17	1491.00	1490.90	0.17	0.17	0.17	0.17	1754.00	1500.00	0.17	0.17	
(C)	0.10	1602.50	.10	1602.00	1602.50	0.10	0.10	0.12	0.10	1923.00	1600.00	0.10	0.10	
(D)	0.065	3857.83	.065	3868.00	3867.82	0.065	0.065	0.07	0.065	4165.35	3900.00	0.065	0.065	
(E)	0.02	327.50	.02	327.00	327.50	0.02	0.02	0.02	0.02	327.50	330.00	0.02	0.02	
(F)	1.00	4500.00	1.10	4000.00		1.12	0.90	0.55	(a) 1.15	5340.00	4500.00	1.03	.....
(G)	0.50	4500.00	.55	2000.00	1929.40	0.41	0.40	0.35	(b) 1.70	70	4430.00	4500.00	0.42

Section 562 P. U. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

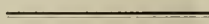
Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



S. F. June Building Total
Over \$1,670,000

♦ ♦ ♦ ♦

Bids July 19 on Sonoma Water System

♦ ♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JULY 8, 1938

No. 27

FRAME PERMITS SHOW INCREASE, OTHERS DECLINE

S. F. Building During May Totals \$1,670,000, Bureau Reports

A \$200,000 gain in frame building over the same month last year brought the San Francisco building permit total for June to \$1,670,470, Chief Clerk S. J. Rosenblum of the Central Permit Bureau announced yesterday.

Release of the monthly permit total revealed that the decline in construction for the first 6 months of 1938, as compared to the same period in 1937, had widened to slightly more than \$1,000,000. The lack of public works and large private building projects was tabbed as the principal cause of the decline.

Permit valuation in the Class A, B, and C; U. S. Government; Harbor and Exposition classifications during June, 1937, alone was \$809,435 higher than the valuation in the same classes for June, 1938.

Three thousand eight hundred and forty-eight permits were issued during the first six months of 1938 for a total value of \$9,904,761, as compared to 4,363 permits issued during the same period last year for a total of \$10,952,781.

In June, 1938, 733 permits were issued for construction costing \$1,670,470, in contrast to 683 permits issued in June, 1937, for work valued at \$2,195,120.

Permits Classified

Following is the comparison of San Francisco building totals for June, this year and last:

Class	June, 1938		June, 1937	
	No.	Est. Cost No.	No.	Est. Cost
A	1	\$ 40,000	1	\$ 200,000
B			3	181,975
C	9	76,375	7	149,926
Frames	226	969,875	156	745,970
Alter.	494	469,579	512	460,029
Sub-tl.	730	\$1,555,829	679	\$1,737,600
Public	1	62,330	1	11,000
U. S. Govt.			1	131,420
Harbor			1	100,000
1939 Exp.	2	52,311	1	214,800
Total	733	\$1,670,470	683	\$2,195,120
1938 (6 Mos.)			1937 (6 Mos.)	
3,848	\$9,904,761	4,363	\$10,952,781	

HESTER TO HEAD DEPT. FOR MONTH

Sidney J. Hester today takes over as Director of the San Francisco Department of Public Works for a thirty-day period following his appointment to the post by City Administrator Alfred J. Cleary. He replaces William H. Worden who submitted his resignation early in June.

Mr. Hester was Deputy Director of the Department of Public Works under Mr. Worden. He will resume his former position August 1, when A. D. Wilder, well known engineer and former California P W A Administrator, is installed as Director, relinquishing his position as Executive Engineer of the San Francisco Housing Authority.

Notice to Proceed On Tunnel Issued

Action toward construction of the initial unit of Shasta Dam comes from Washington with the notification of the Colonial Construction Company, Spokane, by the U. S. Bureau of Reclamation to proceed with construction of the Shasta by-pass tunnel at the site of the proposed dam.

The Colonial Construction Company, at \$426,475, was the low bidder on the tunnel contract. The tunnel will carry Southern Pacific trains through the dam site until thirty-five miles of permanent track is relocated under the terms of a contract recently entered into by the Bureau of Reclamation and the Southern Pacific Company.

The Colonial Construction Company announces that men will begin work on the tunnel within a few days. About 250 men will be engaged in the work which will take 240 days to complete.

Shipments of electric industrial trucks and tractors during May, 1938 amounted to 78 units, a slight gain over the total of 71 units shipped during the previous month, according to the Bureau of Census.

BIDS JULY 19 ON EARTHFILL DAM AT SONOMA

Azevedo Low on Cottages; Lindgren & Swinerton Bid Office Foundation;

SACRAMENTO, June 28.—State Architect George B. McDougall today opened bids on two important projects in the current institutional building program and invited proposals on two other contracts.

Proposals will be opened July 19 for construction of the Sutfenfield Dam water development system at Sonoma State Home, and for erection of a temporary classroom building, field house and concrete bleachers at Santa Barbara State College, Mr. McDougall announced.

Azevedo Construction Co., Sacramento, submitted a low bid of \$143,289 on the general contract for construction of cottages at Sonoma State Home, Eldridge, Moore & Roberts, San Francisco, were second low bidders at \$152,600, while Campbell Construction Co., Sacramento, submitted a third low proposal of \$152,644.

Nelson Bids Two

James A. Nelson, Inc., was low bidder on the Eldridge plumbing contract at \$13,280; Nelson also was low bidder at \$18,385 on heating work; and Normal A. Russell, Santa Rosa, submitted a low electrical bid of \$6,783.

Lindgren & Swinerton, Inc., San Francisco, submitted the lowest proposal for construction of foundations for State Office Building No. 3 in Sacramento, with a figure of \$23,987. Azevedo was second on this job at \$24,922, and Campbell Construction Co. submitted a close third low proposal of \$24,999.

The water development project at Eldridge will consist of the following: Sutfenfield dam, a rolled earth fill structure; concrete outlet tower, steel footbridge, concrete spillway, concrete and cast iron piping, pumps and other miscellaneous items.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1503	McGowan	Coburn	3000
1504	Olive	Cornblum	4000
1505-6	Shea	McKeon	3500
1507-9	Struthers	Owner	3000
1510	U. S. Env.	Meinberger	2000
1511	Wilzen S. F. Show Case	2500	
1512	Allen	Coburn	2000
1513	Bargioni	Piconi	3200
1514	Bonneau	Bruock	2000
1515	Campl	Bernhardt	6000
1516	Damond	Owner	3000
1517-9	Duerner	Sartorio	1000
1520	Isi	Owner	3500
1521	Otto	Akard	1500
1522	Palm Gdn.	Fink	6905
1523	Peabody	Mullen	2750
1524	Person	Owner	3000
1525	Segalis	Stolte	5000
1526	Anderson	Owner	4000
1527	Back	Bender	5000
1528	Bullard	Marshall	35500
1529	Jefferson	Cornblum	5500
1530	Kronquist	Prop. Imp.	3000
1531	Lombardi	Owner	14000
1532	Nello	Cappelletti	1200
1533	Perkins	Perkins	3950
1534	Perkins	Owner	3800
1535	Roth	Pearson	3000
1536	Rousseau	Owner	8000
1537	Shaw	Shell	3500
1538-41	Standard	Owner	3500
1542	Tiny's	Para. Art.	1800
1543	Di Maggio	D'Amico	3000
1544	Halgren	Owner	3500
1545	Levison	Mattock	3000
1546	Hove	Apperson	3000
1547	Johnson	Owner	1000
1548	O'Donnell	Stolte	4000
1549	P F Casing	Owner	2000
1550	Pariani	Owner	4500
1551-3	Stoneson	Owner	5500
1554	Svenson	Owner	3000
1555	Williamson	Stockholm	5000
1556	Levison	Mattock	3000

ALTERATIONS

(1503)	1315 TAYLOR ST. Alter Apartments.		
Owner—W. McGowan, 2048 Market St.			
Contractor—Ira W. Coburn, 2048 Market St.			
Architect—Not Given.		\$3000	

DWELLING

(1504)	W. DARTMOUTH, 58 S OF SILVER AVE. One-story and basement frame dwelling.		
Owner—Arthur Olive, c/o Contractor.			
Contractor—Ed. Cornblum, 400 49th Ave.			
Architect—Not Given.		\$4000	

DWELLING

(1505)	E. 39TH AVE., 325 S IRVING. One-story and basement frame dwelling.		
Owner—C. T. Shea, 105 Montgomery Street.			
Contractor—C. T. McKeon, 2194 30th Ave.			
Architect—Not Given.		\$3500	

DWELLING

(1506)	S. IRVING, 57 E 31ST AVE. One-story and basement frame dwelling.		
Owner—C. T. Shea, 105 Montgomery St.			
Contractor—C. T. McKeon, 2194 30th Ave.			
Architect—Not Given.		\$3500	

DWELLING

(1507)	NE TOPEKA, 164 S SILVER ST. One-story and basement frame dwelling.		
--------	--	--	--

Owner—Marshall T. Struthers, 4250 Mission St.
Architect—Not Given. \$3000

DWELLING

(1508) NE TOPEKA, 138 S SILVER AVE. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission St.
Architect—Not Given. \$3000

DWELLING

(1509) NE TOPEKA, 112 S SILVER AVE. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission St.
Architect—Not Given. \$3000

ALTERATIONS

(1510) 400-416 SECOND ST. Alter factory.
Owner—U. S. Envelope Co., Prem.
Contractor—H. S. Meinberger, 956 Folsom St.
Architect—Not Given. \$2000

ALTERATIONS

(1511) 145 GRANT AVE. Alter store.
Owner—S. M. Wilzen, Prem.
Contractor—S. F. Show Case Co., 682-4 McAllister St.
Architect—Not Given. \$2500

ALTERATIONS

(1512) 652 MISSION ST. Alter store and loft.
Owner—Harry B. Allen, Inc., 2048 Market St.
Contractor—Ira W. Coburn, 2048 Market St.
Architect—Hyman & Appleton, 68 Post St. \$2000

ALTERATIONS

(1513) S. TARAVAL, 25 E 23RD AVE. Alter dwelling and store.
Owner—Tersilio Bargioni, 2115 Irving St.
Contractor—Piconi Constr. Co., 63 Gibbet St.
Architect—Not Given. \$3200

DWELLING

(1514) W. SAN BRUNO, 152 S OF FELTON. One-sty. frame dwelling.
Owner—A. F. Bonneau, Shellville, Sonoma Co.
Contractor—M. Bruock, 1200 Bayshore Blvd.
Architect—Not Given. \$2000

FRAME FLATS

(1515) E. STANYAN, 50 S ANZA. Two-story and basement frame flats.
Owner—James D. Campl, 960 Anza St.
Contractor—Albert Bernhardt, 2406 22nd Ave.
Architect—D. E. Jaekle, 126 Post Street. \$6,000

DWELLING

(1516) E. RAMSELL, 129 S RANDOLPH. One-story and basement frame dwelling.
Owner—John B. Damond, 207 Chester Ave.
Architect—Not Given. \$3000

DWELLING

(1517) S. LAWTON, 107 E FUNSTON. One-story and basement frame dwelling.
Owner—James C. Duerner, 250 Ortega.
Architect—Not Given. \$3500

DWELLING

(1518) S. LAWTON, 132 E FUNSTON AVE. One-story and basement frame dwelling.
Owner—James C. Duerner, 250 Ortega St.
Architect—Not Given. \$3500

DWELLING

(1519) S. LAWTON, 82 E FUNSTON AVE. One-story and basement frame dwelling.
Owner—James C. Duerner, 250 Ortega St.
Architect—Not Given. \$3500

ALTERATIONS

(1520) 515 DOLORES ST. Alter flats.
Owner—F. Isi, 58 Dolores Terrace.
Contractor—L. Sartorio, 2627 Lombard St.
Architect—Not Given. \$1000

ALTERATIONS

(1521) 224-36 FREMONT ST. Alter factory.
Owner—James Otto, c/o Contractor.
Contractor—W. C. Akard, 225 Cervantes Blvd.
Architect—Not Given. \$1500

ALTERATIONS

(1522) 975 MARKET ST. Alter restaurant.
Owner—Palm Garden Grill, 931 Market St.
Contractor—The Fink & Schindler Co., 552 Brannan St.
Architect—Not Given. \$6965

ALTERATIONS

(1523) NW NEW MONTGOMERY AND HOWARD STS. Alter wholesale house.
Owner—Cluett Peabody & Co., 526 Mission St.
Contractor—Mullen Mfg. Co., 60 Rauch St.
Architect—Not Given. \$2750

ALTERATIONS

(1524) 1065 SANCHEZ ST. Alter flats.
Owner—G. Person, 110 Sutter St.
Architect—Albert W. Burgren, 110 Sutter St. \$3000

ALTERATIONS

(1525) NE ELLIS AND WEBSTER STS. Alter service station.
Owner—Chas. Segalis, 461 Bryant St.
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
Architect—Not Given. \$5000

DWELLING

(1526) W 11th AVE, 75 S Moraga. One-story and basement frame dwelling.
Owner and Builder—B. Anderson, 3138 Washington Street.
Architect—Not Given. \$4,000

DWELLING

(1527) SE ELK and Sussex. One-story and basement frame dwelling.
Owner—Arthur F. Back, c/o Contractor—G. O. Bender, 2266 29th Avenue.
Architect—Not Given. \$5,000

DWELLING

(1528) NE CLAY and Locust. Two-story and basement frame dwelling.
Owner—Robt. P. and A. S. Bullard, 249 Cherry St.
Contractor—F. S. Marshall, 909 Ashbury Street.
Architect—Wm. W. Wurster, 245 Cal-

ifornia Street.
 Engineer—A. V. Saph Jr., Rialto Bldg.
 \$35,500

DWELLING
 (1529) E NINTH AVE. 130 E Mendosa. Two-story and basement frame dwelling.
 Owner—N. E. Jefferson, 3123 Mission.
 Contractor—Ed. Cornblum, 2200 47th Avenue.
 Architect—D. E. Jaekle, 126 Post St.
 \$5,500

DWELLING
 (1530) W CAPITOL AVE. 100 N Minerva. One-story and basement frame dwelling.
 Owner—A. J. Kronquist, 919 Fell St.
 Contractor—Properties Imp. Co., 919 Fell Street.
 Architect—O. L. Berg, Mills Bldg.
 \$3,000

APARTMENTS
 (1531) E COLLINGWOOD 172 South Market Street. Two-story frame apartments.
 Owner and Builder—E. Lombardi, 1218 Hollister Street.
 Architect—Not Given.
 \$14,000

ALTERATIONS
 (1532) 3149 22nd St. Alter restaurant.
 Owner—Nello and Louis, premises.
 Contractor—D. Cappelletti, 667 Hampshire Street.
 Architect—Not Given.
 \$1,200

DWELLING
 (1533) W 29th AVE. 100 N Moraga. One-story and basement frame dwelling.
 Owner—E. W. Perkins, 3500 Fulton.
 Contractor—E. W. Perkins & Son, 3500 Fulton Street.
 Architect—Not Given.
 \$3,950

DWELLING
 (1534) W 29th AVE. 225 N Moraga. One-story and basement frame dwelling.
 Owner and Builder—E. W. Perkins, 3500 Fulton Street.
 Architect—Not Given.
 \$3,800

ALTERATIONS
 (1535) 840 VAN NESS AVE. SOUTH. Alter flats.
 Owner—Frank Roth, premises.
 Contractor—Pearson & Johnson, 2031 Bryant Street.
 Architect—Not Given.
 \$3,000

DWELLING
 (1536) E BUCHANAN ST. 31 S Valjejo. Two-story and basement frame dwelling.
 Owner and Builder—Oliver M. Rouseau, 321 Kearny Street.
 Architect—Not Given.
 \$8,000

SERVICE STATION
 (1537) SW TURK and Masonic Ave. Service station.
 Owner—L. B. Shaw, 57 Sutter St.
 Contractor—Shell Oil Co., 100 Bush.
 Architect—Not Given.
 \$3,500

DWELLING
 (1538) W 34th AVE. 100 S Rivera. One-story and basement frame dwelling.
 Owner and Builder—Standard Bldg. Co., 1500 Juah Street.
 Architect—Not Given.
 \$3,500

DWELLING
 (1539) W 26th AVE. 125 S Rivera. One-story and basement frame dwelling.
 Owner and Builder—Standard Bldg. Co., 1500 Juah Street.
 Architect—Not Given.
 \$3,500

DWELLING
 (1540) W 34th AVE. 125 S Rivera. One-story and basement frame dwelling.

Owner and Builder—Standard Bldg. Co., 1500 Juah Street.
 Architect—Not Given.
 \$3,500

DWELLING
 (1541) W 26th AVE. 100 S Rivera. One-story and basement frame dwelling.
 Owner and Builder—Standard Bldg. Co., 1500 Juah Street.
 Architect—Not Given.
 \$3,500

ALTERATIONS
 (1542) 18 TURK ST. Alter restaurant.
 Owner—Tiny's, 54 Turk Street.
 Contractor—Paramount Artisans, 1167 Mission Street.
 Architect—Not Given.
 \$1,500

ALTERATIONS
 (1543) 235 JEFFERSON. Alter restaurant.
 Owner—Tom Di Maggio, Prem.
 Contractor—Tony D'Amico, 2345 Polk St.
 Architect—Conrad T. Kett, 519 California St.
 \$3,000

DWELLING
 (1544) W 24TH AVE. 325 S MORAGA. One-story and basement frame dwelling.
 Owner—A. Hallgren, 1594 29th Ave.
 Architect—Not Given.
 \$3,500

ALTERATIONS
 (1545) 100 LOCUST. Alter dwelling.
 Owner—Geo. Levison, Prem.
 Contractor—A. F. Mattock Co., 212 Clara St.
 Architect—Not Given.
 \$3,000

DWELLING
 (1546) SE LAGUNA and Pine Sts. Two-story and basement frame dwelling.
 Owner—H. Howe, 1540 Geary Street.
 Contractor—A. G. Apperson, 2331 33rd Avenue.
 Architect—Not Given.
 \$3,000

ALTERATIONS
 (1547) 1252 VALENCIA ST. Alter dwelling.
 Owner—Wm. Johnson, 1252 Valencia.
 Architect—Not Given.
 \$1,000

SERVICE STATION
 (1548) NW MONTEREY BLVD. and Forrester. Service station.
 Owner—T. F. O'Connell, 90 Maynard.
 Contractor—F. C. Stolte & Co., 1405 San Antonio Ave., Alameda.
 Architect—Not Given.
 \$4,000

FACTORY
 (1549) N SHAFTER 200 E Griffith. One-story frame factory.
 Owner and Builder—P. F. Casing Co., 425 Newhall Street.
 Architect—E. H. Denke, 1317 Hyde Street.
 \$2,000

DWELLING
 (1550) SE BENTON and Genebern Way. One-story and basement frame dwelling.
 Owner and Builder—R. Pariani, c/o Henry Erickson.
 Architect—Not Given.
 \$4,500

DWELLING
 (1551) SW CRANLEIGH Drive and Sloat Blvd. One-story and basement frame dwelling.
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.
 Architect—Harold G. Stoner, 251 Kearny Street.
 \$5,500

DWELLING
 (1552) E BEACHMONT Dr. 91 S Sloat Blvd. One-story and basement frame dwelling.
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.
 Architect—Harold G. Stoner, 251 Kearny Street.
 \$5,500

DWELLING
 (1553) E BEACHMONT DR. 42 S Sloat Blvd. One-story and basement frame dwelling.
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.
 Architect—Harold G. Stoner, 251 Kearny Street.
 \$5,500

DWELLING
 (1554) E 47th AVE. 300 S Lincoln Way. One-story and basement frame dwelling.
 Owner and Builder—Otto T. Svenson, 336 Clementina Street.
 Architect—Not Given.
 \$3,000

ALTERATIONS
 (1555) SW FILLMORE and Sacramento. Alter store and offices.
 Owner—Willard F. Williamson, 310 Sansome Street.
 Contractor—Chas. Stockholm & Sons, 425 Russ Building.
 Architect—Houghton Sawyer, 337 17th St., Oakland.
 \$5,000

ALTERATIONS
 (1556) 100 LOCUST. Alter dwelling.
 Owner—George Levison, 100 Locust.
 Contractor—A. F. Mattock, 212 Clara.
 Architect—Ed. Munson Sharpe, 111 Sutter Street.
 \$3,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1439	Barrett	Owner	1500
1440	Currier	Jordan	3500
1441-2	Gilmore	Clark, Jr.	1200
1443	Dyer	Squires	1500
1444	Emlay	MacGregor	2400
1445	Gallo	MacGregor	2200
1446	Holmes	Parks	4500
1447	MacGregor	Same	2400
1448	Marshall	Owner	3000
1449	Welcker	Morse	3300
1450	Aia. Co.	Owner	47739
1451	Darrimon	Golden	4000
1452	Oak P. Sch.	Armstrong	1500
1453	P. G. & E.	Phoenix	1000
1454	Patterson	Patterson	3000
1455	Ruedy	Owner	1950
1456	Sevill	Minney	3300
1457	Smith	Owner	3500
1458	Tobin	Lapham	3000
1459	Tout	Owner	4400
1460	Alpha	Livingston	1750
1461	Caughell	Keppy	1296
1462	Hildebrand	Rose	3500
1463	Am. Tr. Co.	Swanstrom	1000
1464	Antonin	Frederickson	5500
1465	Berry	Owner	1200
1466	Conrad	Watson	3500
1467	Frel	Owner	1200
1468	French	Coward	3600
1469	Hill	Lloyd	1975
1470	Revelli	Pasirino	2435
1471	Sadamune	Petersen	1500
1472	Todhunter	Owner	12000
1473	Trulin	Moen	3500
1474	Bk. Amer.	Capital	1000
1475	Barker	Owner	3500
1476	Ehrenberg	Bradhoff	5000
1477	Guderian	Williams	1220
1478	Johnson	Taten	5000
1479	Thompson	Duncan	5000
1480	Cornick	Pierce	3500
1481	Gallot	Owner	2200
1482	Granger	Pickrell	6000
1483	Hermanson	Anderson	5500
1484	MacGregor	Owner	2200
1485	Sconlan	Dydbahl	3516
1486	Alves	Silva	4800
1487	Baker	Owner	1000
1488-9	Flagg	Owner	4000
1490	Globe	Waldman	3000
1491	Makin	Rose	3500
1492	Merritt	Owner	10000
1493	Mills	Brown	10000
1494	Robison	Womack	3500
1495	Southwick	Stead	5500
1496	W. Pacific	Owner	3900
1497	Gerlach	Spaulding	3900

ALTERATIONS
 (1439) 1701 TELEGRAPH AVENUE, OAKLAND. Alterations.

- Owner—Barrett & Hilp, 1629 Telegraph Ave.
Architect—Not Given. \$1500
- DWELLING**
(1440) 5618 CABOT DR., OAKLAND.
One-story 5-room dwelling.
Owner—A. G. Currier, 3938 Lincoln Ave.
Contractor—M. Jordan, 979 Mountain Blvd.
Architect—Not Given. \$3500
- SERVICE STATION**
(1441) 100 FERRY ST., OAKLAND.
Service station building.
Owner—Gilmore Oil Co., San Francisco.
Contractor—A. W. Clark, Jr., & Co., 214 Bank Commerce Bldg.
Architect—Not Given. \$1200
- SERV. STA. LUB. BLDG.**
(1442) 100 FERRY ST., OAKLAND.
Service Station Lubricating bldg.
Owner—Gilmore Oil Co., San Francisco.
Contractor—A. W. Clark, Jr., & Co., 214 Bank Commerce Bldg.
Architect—Not Given. \$1200
- ADDITIONS**
(1443) 1209 GARFIELD, ALBANY.
Additions.
Owner—J. B. Dyer, Prem.
Contractor—C. R. Squires, 2621 Hopkins.
Architect—Not Given. \$1500
- DWELLING**
(1444) 515 STANNAGE, ALBANY.
One-story 4-room frame dwelling.
Owner—Dorothy M. Emlay, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$2400
- DWELLING**
(1445) 611 STANNAGE, One-story 4-room frame dwelling.
Owner—Marian L. Gallot, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$2200
- (1446) 670 HILLDALE, BERKELEY
One-story 6-room frame dwelling.
Owner—Fred Holmes, Gerber, Calif.
Contractor—Randolph Parks, 688 Grizzly Peak.
Architect—Not Given. \$4500
- DWELLING**
(1447) 507 KEY ROUTE BLVD., ALBANY. One-story 4-room dwelling.
Owner—L. D. MacGregor, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$2400
- DWELLING**
(1448) 801 CERRITO, ALBANY. 1-story 5-room frame dwelling.
Owner & Builder—H. E. Marshall, 1230 Marin.
Architect—Not Given. \$3000
- DWELLING**
(1449) 1300 SPRUCE, BERKELEY.
One-story 4-room frame dwelling.
Owner—Mrs. Welcker, 1301 Oxford.
Contractor—T. D. Morse, 1342 Euclid.
Architect—Not Given. \$3300
- ALTERATIONS**
(1450) 416 BROADWAY, OAKLAND Alterations.
Owner & Builder—Alameda County, 12th and Fallon.
Architect—Not Given. \$47,739
- DWELLING**
(1451) 1827 WOODROW DR., OAKLAND. One-story 5-room dwelling.
- Owner — Claire B. Darrimon, 1523 Woodrow Drive.
Contractor—Golden & Orzoro, 505 E. 14th St.
Also 1-story garage, \$800.
Architect—Not Given. \$4000
- CLASSROOMS (2)**
(1452) S E 11TH ST., E 3RD AVE., OAKLAND. One-story classrooms (2).
Owner—Oakland Public Schools, 1125 Second Ave.
Contractor—J. R. Armstrong, 834 E. 10th St.
Also 1-story classroom (3), \$4500 each.
Also 1-sty. classrooms (3), \$5500 each.
Also 1-sty. shop, \$12,000.
Architect—Not Given. \$1500 each
- ALTERATIONS**
(1453) 18 COR. 13TH AND JACKSON STS., OAKLAND. Sidewalk alterations.
Owner—Pacific Gas & Electric Co., 17th and Clay Sts.
Contractor—Phoenix-Simpson Co., 520 6th St., San Francisco.
Architect—Not Given. \$1000
- DWELLING**
(1454) 7320 GREENLY DR., OAKLAND. One-story 4-room dwelling.
Owner—Dale E. Patterson, 3973 Waterhouse Road.
Contractor—J. Frank Patterson, 7621 Foothill Blvd.
Also garage, \$250.
Architect—Not Given. \$3000
- ALTERATIONS**
(1455) 4228-32 PARK BLVD., OAKLAND. Alterations.
Owner & Builder—Henry Ruedy, Jr., 523 E. 22nd St.
Architect—Not Given. \$1950
- (1456) 7600 GREENLY DR., OAKLAND. One-story 5-room dwelling.
Owner—C. Seville, 2307 66th Ave.
Contractor—The Minney Co., 8144 Foothill Blvd.
One-story garage, \$200.
Architect—Not Given. \$3300
- (1457) 9612 GOLF LINKS ROAD, OAKLAND. One-story 5-room dwelling.
Owner & Builder—Geo. O. Smith, 203 Pomona Ave., El Cerrito.
Architect—Not Given. \$3500
- DWELLING**
(1458) 7207 FAVOR ST., OAKLAND. One-story 5-room dwelling.
Owner—W. J. Tobin, 3701 Balfour Ave.
Contractor—Theo. H. Lapham, 546 Kenmore Ave.
Architect—I. M. Johnson, 2215 Seventh Ave. \$3000
- DWELLING**
(1459) 3032 KANSAS ST., OAKLAND. One-story 5-room dwelling.
Owner & Builder—J. B. Tout, 3612 Hopkins St.
- ALTERATIONS**
(1460) 2401 RIDGE RD., BERKELEY. Alterations.
Owner—Alpha Delta Phi, Prem.
Contractor—W. M. Livingston & Son, 1152 Euclid.
Architect—Not Given. \$1750
- ALTERATIONS**
(1461) 1122 SPRUCE, BERKELEY. Alterations.
Owner—Hazel Caughell, Prem.
Contractor—J. L. Keppy, 483 Kentucky.
Architect—Not Given. \$1296
- DWELLING**
(1462) 1341 WATKINS, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—D. Hildebrand.
Contractor—M. P. Rose, 6329 Shattuck Ave., Oakland.
Architect—Not Given. \$3500
- ALTERATIONS**
(1463) 350 E. 18TH ST., OAKLAND. Alterations.
Owner—American Trust Co., 464 California St., San Francisco.
Contractor—Geo. Swanson, 1615 78th Ave.
- DWELLING**
(1464) 2017 CLEMENS RD., OAKLAND. Two-story 5-room dwelling.
Owner—E. D. Antonin, 4001 Greenwood Ave.
Contractor—Karl S. Fredrickson, 1871 Tiffin Road.
Architect—R. L. Mills, 101 41st St. \$5500
- ALTERATIONS**
(1465) 1354 98TH AVE., OAKLAND. Alterations.
Owner & Builder—A. L. Berry, 1352 98th Ave.
Architect—Not Given. \$1200
- DWELLING**
(1466) 3251 WISCONSIN ST., OAKLAND. One-story 5-room dwelling.
Owner—Louis V. Conrad, 3726 Virden Ave.
Contractor—William Watson, 4750 Meldon Ave.
Also garage, \$250.
Architect—Not Given. \$3500
- ALTERATIONS**
(1467) 580 VERNON ST., OAKLAND. Alterations to apt.
Owner & Builder—Otto Frel, Prem.
Architect—Not Given. \$1200
- DWELLING**
(1468) 1715 WOODHAVEN WAY, OAKLAND. One-story 5-room dwelling.
Owner—Miss J. French, 1626 Mountain Blvd.
Contractor—Joseph Coward, 1944 E. 27th St.
Architect—Not Given. \$3600
- DWELLING**
(1469) 264 SHERIDAN RD., OAKLAND. One-story 4-room dwelling.
Owner—R. S. Hill, 287 Sheridan Rd.
Contractor—J. A. Lloyd, 4017 E. 15th St.
Architect—Not Given. \$1975
- ADDITION**
(1470) 6041 SAN PABLO AVENUE, OAKLAND. One-story frame addition.
Owner—A. Revelli, Prem.
Contractor—Jno. Pasarino, 1147 55th St.
Architect—Not Given. \$2485
- ALTERATIONS, ETC.**
(1471) 220 6TH ST., OAKLAND. Alterations and additions.
Owner—E. Sadamune, Prem.
Contractor—J. B. Petersen & Son, 4021 Agua Vista St.
Architect—Not Given. \$1500
- ALTERATIONS**
(1472) 1525 OAK ST., OAKLAND. Interior alterations.
Owner & Builder—G. M. Todhunter, 212 19th St.
Architect—Not Given. \$12,000
- DWELLING**
(1473) 2300 107TH AVE., OAKLAND. One-story 5-room dwelling.
Owner—Adrian Trulin, 623 54th St.

Contractor—O. L. Moen, 3201 Wyman St.
Also 1-story garage, \$200.
Architect—Not Given. \$3500

ALTERATIONS
(1474) 26-28 GRAND AVE., OAKLAND. Alterations.
Owner—Bank of America N. T. & S. Assn., 1 Powell St., S. F.
Contractor—Capital Co., 625 Market St., San Francisco.
Architect—Not Given. \$1000

DWELLING
(1475) 430 PANORAMIC WAY, Oakland. Two-story 5-room dwelling.
Owner & Builder—R. L. Barker, 1823 Berkeley Way, Berkeley.
Architect—Not Given. \$3500

DWELLING
(1476) 34 STEPHENS WAY, OAKLAND. One-story 4-room dwelling.
Owner—Henry Ehrenberg, 1 Whiting St., San Francisco.
Contractor—C. O. Bradhoff, 911 55th Street.
Architect—Walter T. Steilberg, 85 Second St., San Francisco. \$5000

ALTERATIONS
(1477) 450 HUDSON ST., OAKLAND Alterations.
Owner—Caroline Guderian, Prem.
Contractor—Hugh Williams, 433 Scenic Ave., Piedmont.
Architect—Not Given. \$1220

ALTERATIONS
(1478) 440 LAGUNITAS AVENUE, OAKLAND. Alterations to apartments.
Owner—Carl Johnson, 712 Longridge Road.
Contractor—Fred Taten, 5237 Miles Ave.
Architect—Not Given. \$5000

DWELLING
(1479) 2642 67TH AVE., OAKLAND One-story 5-room dwelling.
Owner—Leonard Thompson, Prem.
Contractor—Geo. Duncan, 2523 78th Ave.
Architect—Not Given. \$5000

DWELLING
(1480) 2708 OTIS DR., ALAMEDA. One-story 5-room dwelling.
Owner—Ruth Cornick, 1113 Versailles Ave., Alameda.
Contractor—J. Pierce, 3942 Woodruff Ave., Oakland.
Architect—Not Given. \$3500

DWELLING
(1481) 508 TALBOT, ALBANY. One-story 4-room frame dwelling.
Owner & Builder—Marian L. Gallot, 1391 Solano.
Architect—Not Given. \$2200

DWELLING
(1482) 2411 ROOSEVELT DRIVE, ALAMEDA. Six-room dwelling.
Owner—E. C. Granger, San Francisco.
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.
Architect—Not Given. \$6000

DUPLEX
(1483) 1359 BROADWAY, AND 2529 CRIST ST., ALAMEDA. One-story 6-room duplex.
Owner—C. Hermanson, 1361 Broadway, Alameda.
Contractor—Walter Anderson, 1014 Doris Court, Alameda.
Architect—Not Given. \$5500

DWELLING
(1484) 506 STANNAGE, BERKELEY. One-story 4-room frame dwelling.

Owner & Builder—L. D. MacGregor, 1391 Solano.
Architect—Not Given. \$2200

DWELLING
(1485) 1024 EVELYN AVE., ALBANY. One-story frame dwelling and garage.
Owner—W. T. Scanlan, 2927 Lorina.
Contractor—L. Dybdahl, 945 33rd St., Richmond.
Architect—Not Given. \$3516

DWELLING
(1486) 1605 AUSEON AVE., OAKLAND. One-story 5-room dwelling.
Owner—Manuel Alves, 1609 Auseon Ave.
Contractor—Tony M. Silva, 8715 A Street.
Architect—Not Given. \$4800

ADDITION
(1487) 2414 HEARST AVE., OAKLAND. Addition.
Owner & Builder—C. C. Baker, Prem.
Architect—Not Given. \$1000

DWELLING
(1488) 4168 E. LAKE AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—A. J. Flag, 3743 Loma Vista Ave.
Architect—Not Given. \$4000

DWELLING
(1489) 4162 E. LAKE AVE., OAKLAND. One-story 5-room dwelling.
Owner & Builder—A. J. Flag, 3743 Loma Vista Ave.
Architect—Not Given. \$4000

ADDITION
(1490) 5825 E. 14TH ST., OAKLAND. Addition.
Owner—Globe Plumbing Co., Prem.
Contractor—A. E. Waldman, 5409 Foothill Blvd.
Architect—Not Given. \$3000

REPAIRS
(1491) 890 19TH ST., OAKLAND. Fire repairs.
Owner—J. N. Makin, 867 17th St.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$3500

ADDITION & ALTERATION
(1492) NW COR HAWTHORNE & WEBSTER, OAKLAND. One-story brick and concrete addition and alteration.
Owner & Builder—Samuel Merritt Hospital Assn., Hawthorne and Webster.
Architect—Not Given. \$10,000

ADDITION
(1493) MILLS COLLEGE CAMPUS, OAKLAND. Two-story 7-room addition.
Owner—Mills College, Prem.
Contractor—J. G. Brown, Mills College.
Architect—W. H. Ratcliff, C. of C. Bldg., Berkeley. \$10,000

DWELLING
(1494) 3687 DELMONT AVE., OAKLAND. One-story 5-room dwelling.
Owner—Virginia Robison, 6201 Buena Ventura Ave.
Contractor—Womack & Son, 3619 64th Ave.
Architect—Not Given. \$3500

STORE
(1495) 5912 FOOTHILL BLVD., OAKLAND. One-story store.
Owner—H. D. Southwick, 3911 Grand Ave.
Contractor—F. A. Stead, 3206 Bolse St., Berkeley.
Architect—Not Given. \$5500

ADDITION
(1496) OAKLAND MOLE. Addition.
Owner & Builder—Western Pacific R. R. Co., San Francisco.
Architect—Not Given. \$3900

DWELLING
(1497) 1626 FERNSIDE BLVD., ALAMEDA. 1-story 5-room dwelling.
Owner—E. F. Gerlach, 1622 Fernside Blvd., Alameda.
Contractor—Percy Spaulding, 1511 Union St., Alameda.
Architect—Not Given. \$3600

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
335	Back	Bendon	5000
336	Bullard	Marshall	39500

DWELLING
(335) LOT NO. 14, BLK. E, according to Map of Addition to Castro St. Addition and Glen Park Terrace, filed March 10, 1910, in Bk. "G" of City and County; SE Elk and Sussex Sts. One-story and basement frame dwelling.
Owner—Arthur F. and Phyllis E. Back.
Contractor—Geo. O. Bendon.
Filed and dated June 25, 1938.
Roof on\$1250
rown coat 1250
Completion 1250
Usual 35 days 1250
TOTAL COST, \$5,000.00
Plans and specifications filed.

DWELLING
(336) NE CLAY AND LOCUST. Two-story and basement frame dwelling.
Owner—Robert P. and Adelaide S. Bullard, 249 Cherry St.
Architect—Wm. Wilson Wurster, 245 California St.
Contractor—Frank S. Marshall, 909 Ashbury.
Engineer—A. V. Saph, Jr., Rialto Bldg.
Filed June 27, '38. Dated June 25, '38
75% progress; 25% usual 35 days.
TOTAL COST, \$39,500
Limit, 150 days. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
198	Morse	Thrams	5180

BUILDING
(198) 4498 PIEDMONT AVE., Oakland. One-story frame building.
Owner—Morse Flower Shop.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland.
Filed, June 23, '38. Dated, June 7, '38.
Rear half foundation and frame bldg. up \$1036
Front half foundation and frame bldg. up 1036
Plastered 1036
Completed 1036
Usual 35 days 1036
TOTAL COST, \$5180.00
Bond, \$5180. Sureties, U. S. Guarantee Co. Limit, 40 days.

ALAMEDA COUNTY PERMITS UNDER \$1000

REROOF, \$95; 1914 Harmon, Berkeley; owner, Hugell, Prem.; contractor, C. E. Vincent, 2362 Courtland Ave., Oakland.
ALTER garages, \$100 each; 3101-03 Filbert St., Oakland; owner and contractor, R. W. Howard, 5019 Foothill Blvd.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Banks, Stores and |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves and Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & |

1—APARTMENTS

Plans Being Figured—Bids Close July 8, 2 P. M.

APARTMENTS Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. Frame and stucco apartment house containing four apts. (hardwood floors, tile baths, gas heating system, steel sash, etc.)

Owner—M. Murchie, c/o Architect.
Architect—Charles McKenzie, Twohy Bldg., San Jose.

Plans are being figured by a selected list of contractors.

Preparing Preliminary Plans
APARTMENTS Cost, \$.....
SAN FRANCISCO.

Three-story frame and stucco apartment house containing 3 apts.

Owner—Withheld.
Architect—Richard J. Neutra, 251 Kearny Street.

To Be Done By Day's Work
APARTMENTS Cost, \$19,000
SAN FRANCISCO. E. Colliingwood, 172 ft. S. Market St.

Two-story frame apartment house.
Owner & Builder—E. Lombardi, 1218 Hollister St.
Architect—Not Given. * 1

3—CHURCHES

Now Taking Segregated Bids
CHURCH Cost, \$.....
NILES, Alameda Co., Cal.

One-story frame and stucco church; Sunday school and parsonage; composition roof, steel sash, hardwood floors, forced air heating system.

Owner—Niles Congregational Church.
Architect—George Patton Simonds, 80 Main St., Hayward.
Contractor—E. E. Dias, P.O. Box 121, Niles.

Segregated bids are now being received by the Contractor.

4—FACTORIES & WAREHOUSES

Bids In—Under Advisement
WAREHOUSE Cost, \$.....
CAMPBELL, Santa Clara Co., Calif. Two- and part three-story frame warehouse.

Owner—Prune and Apricot Growers' Association.
Architect—Binder & Curtis, 25 West Carlos St., San Jose.

Preparing Plans
TRUCK TERMINAL Cost, \$.....
OAKLAND, Alameda Co., Cal. 24th and Willow Streets.

One-story Class C motor truck terminal building containing 40,000 sq. ft. floor space and one-story Class C industrial shop building, containing 4000 sq. ft. and one-story Class C office building, containing 2000 sq. ft.
Owner—United Transfer Co., 21st and Brush Sts., Oakland.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.

Contract Awarded
BOTTLING PLANT Cost, \$.....
SAN FRANCISCO. Bayshore Highway.

One and part two-story frame, Class C bottling plant to contain approx. 25,000 sq. ft. area.

Owner—Seven-Up Bottling Co., 1348 Stevenson Street.

Architect—Albert R. Williams, 251 Post Street.

Contractor—W. C. Tait, 883 Market Street. 4

5—FLATS

Plans Being Figured
FLATS Cost, \$.....
SAN FRANCISCO. S. Cabrillo St., E of 30th Ave.

Two-story frame flats to contain 3 bedrooms each; composition shingle roof, tile baths, hot water heating system, etc.

Owner—H. Turini.
Architect—H. C. Baumann, 251 Kearny St.

Bids are now being received by the Owner.

6—GARAGES & SERVICE STATIONS

Service Station Cost, \$.....
WILLOWS, Glenn Co., Cal. Site not selected.

Gasoline service station.
Owner—Richfield Oil Co. of Calif.
Plans by Engrg. Dept. of Owner.

It is planned to complete construction and start operations within six weeks. 6

Low Bidder
GARAGE
SAN FRANCISCO. N. Pine St., W of Davis St.

Two-story reinforced concrete garage building (57 x 85 ft.).

Owner—J. D. & A. E. Spreckels Co.
Architect—Harry A. Thomsen, Jr. (successor to Geo. W. Kelham, 315 Montgomery St., San Francisco).

Low Bidder—Monson Bros., 475 Sixth St., San Francisco.

7—FEDERAL BUILDINGS

FUNDS ALLOTTED
CALIFORNIA, OREGON & WASHINGTON.—PWA allotments for the replacement, enlargement and remodeling of stations of the United States Coast Guard, approved as follows:

Point Arguello, Cal., \$125,000; Base 11, Cal., \$75,000; Humboldt Bay Station, Cal., \$31,500; Point Reyes, Cal., \$47,500; San Francisco, Cal., \$11,100; Arena Cove, Cal., \$3,500; Tillamook Bay, Ore., \$79,750; Point Adams, Ore., \$67,500; Umpqua River, Ore., \$4,375; Coos Bay, Ore., \$82,000; Siuslaw, Oregon, \$75,000; Yaquina Bay, Oregon, \$75,000; Grays Harbor, Wash., \$74,000;

Raaddal Point, Wash., \$63,225; Seattle, Wash., \$126,000; Cape Disappointment, Wash., \$48,000; Quillayute River, Wash., \$82,125. 7

CONTRACT AWARDED

HOLLISTER, San Benito Co., Cal.—John A. Campbell, Hollister, at \$95 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for varnishing exterior woodwork at the U. S. Post Office at Hollister. 7

BIDS OPENED

SAN DIEGO, Calif.—J. A. Carter Co., 225 W. 11th St., Los Angeles, submitted low bid on Item 1 to the 11th Naval District June 28, at \$42,475, for replacement of boilers and auxiliary equipment at the Naval Hospital in San Diego; Spec. No. 871.

Work includes in general the removal of two 150-hp. return tubular boilers with setting, certain breeching sections, two boiler-feed pumps, fuel-oil pump unit, storage tank and feed-water heaters with structural support, steam, water, fuel-oil and other piping, and misc. parts; also furnishing and installing one 400-hp. water-tube boiler with support frame and setting, breeching sections, two boiler feed pumps, one fuel-oil pump unit, storage tank and feed-water heater with structural support, overhead platform with extensions, metering equipment, steam, water, fuel-oil, drip, waste and other piping and misc. equip.

The bids were:
J. A. Carter Co., Los Angeles—(1) \$42,475, (2a) \$630, (2b) \$900, (3a) \$660, (3b) \$150, (3c) \$430, (4) \$820, (5) \$830.

Cory & Joslin, Inc., San Francisco—(1) \$44,000, (2) \$1250, (3) \$1000, (4) \$900, (5) \$900.

Herman Lawson Co., San Francisco—(1) \$45,460, (2) \$1300, (3) \$900, (4) \$230, (5) \$728.

Oil Field Constr. Co. and Industrial Engrg. Co., Long Beach—(1) \$46,133.50, (2) \$930, (3) \$2280, (4) \$420, (5) \$830.

C. C. Moore & Co., San Francisco—(1) \$47,496, (2) \$1505, (3) \$2,045, (4) \$879, (5) \$423.

Geo. C. Paonessa, Los Angeles—(1) \$54,384, (2) \$1375, (3) \$1900, (4) \$778, (5) \$774.

The bids were held under advisement. * 7

Opening Date Postponed Until July 26, 1 P. M.

PARCEL POST BUILDING Cost, \$2,600,000
LOS ANGELES, Calif. NE Corner Alameda and Macy Streets.

Two-story structural steel and reinforced concrete U. S. Parcel Post Building (except elevators).

Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.; no deposit required.

Postponed on July 19.

CONTRACT AWARDED

LUALUALEI, T. H.—Viking Cons. Co., New York City, at \$35,980, was awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for replacing corona shields on towers at Lualualei, T. H.; Spec. 8568.

COMPLETING PLANS

SAN DIEGO, Cal.—Bur. of Yards & Docks, Navy Dept., Washington, D. C., is completing plans for a fleet school building to be built at the 11th Naval District (Destroyer Base), San Diego. It will be a 2-story, fire-proof structure, 312x159 feet in area, containing study rooms, lecture rms. and laboratories. Est. cost, \$240,000.

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 12, 1:30 P. M., bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for two continued treatment buildings containing 1,577,450 cu. ft. of floor space to be built at the Veterans' Administration Facility, Sawtelle. Estimated cost, \$693,310. Plans and specifications may be obtained after July 8 from the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

BIDS WANTED

PALO ALTO, Cal.—Until August 12, 1:30 p.m., bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for an infirmary building containing 763,700 cu. ft. of floor space, to be built at the Veterans' Administration Facility, Palo Alto. Estimated cost, \$345,145. Plans and specifications may be obtained after July 9 from the Supervising Supt. of Construction, Veterans' Administration Palo Alto. No deposit required.

BIDS OPENED

FORT MASON, Cal.—J. Z. Smith, 666 Division St., San Francisco, at \$875,000 on item 1, and \$1435 on item 2, and Conrad V. Sovig Co., 248 Oak St., San Francisco, at \$1945 on item 3 submitted low bids to the War Department, Office of the Port Quartermaster, Fort Mason, for waterproofing shed on Pier No. 1 (Bldg. No. 48), Fort Mason. Complete bids were: J. Z. Smith, (1) \$785; (2) \$1,435; (3) \$1,970. Conrad E. Sovig Co., (1) \$955; (2) \$1,624; (3) \$1,945. Rolps-Mills & Co., (1) \$3,305; (2) \$1,405; (3) \$5,555.

Complete Bids

POST OFFICE
LIHUE, T. H.
United States Post Office.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—E. E. Black, Ltd., Honolulu, \$57,830.
Complete bids were:
E. E. Black, Ltd., Honolulu, \$57,830.
H. W. Goyke Co., Jacksonville, Fla., \$64,000.
MacDonald Constr. Co., St. Louis, Mo., \$68,717.
R. E. McKee, Los Angeles, Calif., \$68,900.
Ralph E. Woolley, Honolulu, \$70,000.
Vanguard Constr. Corp., New York City, \$70,832.
Geo. E. Freitas, Honolulu, \$77,000.
Shigematsue Honjiyo, Hanappe, T. H., \$79,500.

BIDS OPENED

SUMMIT, Canal Zone—Viking Construction Corp., New York City, at \$29,980, submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for replacing corona shields and alterations to towers, at Summit, Canal Zone; specification No. 8565. Other bids were:

L. R. Sommers, Balboa, C. Z., \$31,850.00.
E. C. Nickel, Arcadia, Cal., \$32,200.
North American Constr. Co., Jacksonville, Fla., \$34,132.
W. P. Thurston Co., Richmond, Va., \$44,800.

BID OPENED

SACRAMENTO, Cal.—Luppen and Hawley Inc., 3126 J St., Sacramento, at \$7,650, submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new sewage ejectors, etc., at the U. S. Post Office and Court House at Sacramento.

CONTRACT AWARDED

TUCSON, Ariz.—Raisler Corp., 929 Amsterdam Ave., New York City, at \$149,700, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for air conditioning at the U. S. Post Office and Court House at Tucson, Ariz.

BIDS OPENED

LUALUALI, T. H.—Viking Construction Co., New York City, at \$35,980, submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for replacing corona shields on towers at Lualualai, T. H.; Spec. 8568. Other bids were:
Hawaian Welding & Machine Co., \$37,525.
Pittsburgh-Des Moines Steel Co., \$47,235.
George Hess, \$48,622.
W. P. Thurston Co., Richmond, Va., \$54,700.

BIDS WANTED

SUSANVILLE, Lassen Co., Cal.—Bids are now being received by the Custodian of the Building for installation of buzzer system, at the U. S. Post Office at Susanville.

COMPLETE BIDS

FORT LYON, Colo.—Bellis Wire Works, Brooklyn, N. Y., at \$13,447 submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for furnishing and installing wire grilles for Bldg. No. 201, Fort Lyon, Colo. Complete bids were:
Bellis Wire Works Inc., Brooklyn, N. Y., \$13,447
The Southern Orno. Iron Wks
Arlington, Texas 15,845
Logan Co., Louisville, Ky., 13,952
Southgate Iron Works, Inc.
Huntington Park, Calif. 14,141
Western Wire & Iron Works,
Chicago 14,378
Siebel Erection Co., Davenport, Iowa 14,882
General Wire Mesh Co.,
Brooklyn, N. Y. 15,345
Badger Wire & Iron Works,
Milwaukee, Wis. 16,400
Acme Wire Works, Inc.,
Brooklyn, N. Y. 17,090
Consolidated Expanded Metal
Co., Wheeling, W. Va. 17,229
Portland Wire & Iron Wks.,
Portland, Oregon 17,503
E. Burkhardt & Sons Steel
& Iron Works Co., Denver 17,730
Decatur Wire & Steel Co.,
Decatur, Ill. 17,737
Edwin Pratt's Sons, Inc.,
Kanakae, Ill. 18,470
Triangle Iron Works, Saint
Louis, Mo. 19,067
Zelich Wire Products, Los
Angeles 19,489
The Sartorius Co., Inc., S. F., 19,874
Estey Bros. Co., Brooklyn, 20,900
F. P. Smith Wire & Iron
Works, Chicago 21,631
City Wire & Iron Works,
Los Angeles 27,000
A. F. Wagner Iron Works,
Milwaukee, Wis. 27,364

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.
As previously reported, until July 20, 2 P. M., bids will be received by the War Department, Constructing Quartermaster, Sacramento Air Depot, Calif., for the construction of Radio Transmitter Building at the Sacramento Air Depot. Work involves: Item (1) Furnishing all labor and material for erection and completion of one radio transmitter station. Item (2) Deduct, if garage is omitted and various changes made.

Item (3). Unit prices:
(a) Earth excavation;
(b) Rock excavation;
(c) Type A concrete, inc. forms;
(d) Type B do;
(e) Reinf. steel, per lb.;
(f) Sub-soil drains;
(g) Vit. clay pipe, 6-in.

BIDS WANTED

SAN FRANCISCO.—Until July 5, 2 P. M., bids will be received by the Custodian of the Building for plumbing work involving installation of five urinals in toilet room, installation of one compression tank and welding of one compression tank now in place and re-tubing of hot water heater of heating system, at the U. S. Post Office and Court House, 7th and Mission Sts., San Francisco. Plans and specifications obtainable from the Custodian.

Low Bidder

POST OFFICE
LIHUE, T. H.
United States Post Office.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—E. E. Black, Ltd., Honolulu, \$57,830.

BIDS OPENED

SONOMA COUNTY, Cal.—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito, at \$32,820, submitted low bid to the U. S. Department of Agriculture, Farm Security Administration, 85 Second St., San Francisco, for construction complete, of Community Buildings and Facilities at the Sonoma Unit of the California Migratory Labor Camps Project near Healdsburg, Sonoma County. Spec. FSAC-51. Complete bids were:

W. V. Bernard, El Cerrito \$32,820
E. A. Hawkins & Co., S. F. 59,123
Robert McCarthy, S. F. 59,178
Fred J. Early, Jr., S. F. 59,842
Peter Sartorio, S. F. 62,286
F. C. Stolte Co., Alameda 62,800
Emil Person, Berkeley 63,034
W. C. Tait, S. F. 63,364
Campbell Const. Co., Sacto. 69,117
(inc. tele. deduction of \$700).
F. J. Mauier & Son, Inc., Eureka 85,000

BIDS WANTED

REDDING, Shasta Co., Cal.—Until July 12, 10 a.m. (postponed from June 23), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new concrete floor and vents at the U. S. Post Office at Redding.

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 12, 1:30 P. M., bids will be received by the Veterans' Administration 764 Arlington Bldg., Washington, D. C., for two continued treatment buildings to be built at the Veterans' Administration Facility, Sawtelle. Plans and specifications may be obtained after July 8 from the Supervising Supt. of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

BIDS WANTED—OPENING DATE NOT SET

NEW YORK, Puget Sound, Mare Island, and Boston.—Bids are now being received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for turbo-alternators, condensers, and auxiliaries, at the Navy Yards, New York, N. Y.; Puget Sound, Wash.; Mare Island, Calif., and Boston, Mass.; Spec. No. 8818.

Specifications may be obtained from the Bureau or from the Commandants, Navy Yards, New York, N. Y.; Puget Sound, Wash.; Mare Island, Calif.; and Boston, Mass., upon deposit of \$10 check or postal money order, payable to the Chief of the Bureau of Yards and Docks. * 7

BIDS WANTED—OPENING DATE NOT SET

NEW YORK, Charleston, Mare Island.—Bids are now being received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for 5000 c.f.m. steam-driver air compressors with condensers, wet vacuum pumps and accessories, at the Navy Yards, New York (Brooklyn), N. Y.; Charleston, S. C., and Mare Island, Calif.; Spec. No. 8823.

Specifications may be obtained from the Bureau or from the Commandants, Navy Yards, New York (Brooklyn), N. Y.; Charleston, S. C., and Mare Island, Calif., upon deposit of \$5 check or postal money order payable to the Chief of the Bureau of Yards & Docks. * 7

CONTRACT AWARDED

FORT LEWIS, Wash.—NePage McKenny Co., 804 6th Ave., Seattle, Wash., at \$9,975, awarded contract by the Constructing Quartermaster, Fort Lewis, Wash., for construction of a night lighting system at Fort Lewis. * 7

BIDS OPENED

CENTRALIA, Wn.—Neuman Bros., McMinnville, Ore., at \$780, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Post Office at Centralia.

Only other bid submitted by Cole & McQuart, Centralia, Wash., at \$1,428.25. * 7

BID OPENED

SELMA, Fresno Co., Cal.—H. P. Jensen, 2033 Gaither St., Selma, at \$275, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Post Office at Selma. * 7

CONTRACT AWARDED

FORT JONES AND LOS ANGELES.—Henry L. Grohne, Decatur, Ill., at \$9,734 (items 1 and 2), was awarded contract by the Division of Purchases & Sales, Department of Commerce, Washington, D. C., for erection of steel tower antenna system and radio facility building near Fort Jones, Siskiyou County, and Los Angeles. Pro. No. 29157.

BIDS WANTED

PALO ALTO, Calif.—Until August 12, 1:30 P. M., bids will be received by the Veterans' Administration 764 Arlington Bldg., Washington, D. C., for an infirmary building to be built at the Veterans' Administration Facility, Palo Alto. Plans and specifications may be obtained after July 9 from the Supervising Supt. of Construction, Veterans' Administration, Palo Alto.

No deposit required.

CONTRACTS AWARDED

SAN FRANCISCO.—Western Pine Mfg. Co., Spokane, Wash., at \$155-

912, Louis Straus, Spokane, Wash., at \$49,682; Carlton Lumber Co., Portland, Ore., at \$84,617, and Amer. Builders, Seattle, at \$64,769, awarded contracts by the War Department, office of the Quartermaster, Presidio, for the fabrication of various portable demountable buildings, to be used as educational buildings for various CCC camps within the Ninth Corps Area, Calif., and Medford, Ore.

Bids Wanted—To Close August 5
POST OFFICE Est. Cost, \$10,000
RICHMOND, Contra Costa Co., Calif. New U. S. Post Office.
Owner—U. S. Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

BIDS OPENED

KETCHIKAN, Alaska.—DeFryer & Co., 1813 3rd Ave., Seattle, at \$161 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for linoleum for floor covering on 3rd floor at the U. S. Post Office, Court House, Custom House and Jail at Ketchikan.

Other bids were:
Calif. Carp. Co., L. A. \$1444
H. H. Schultz, Inc., Yakima 1525
Glenn Carrington & Co., Seattle 2574
F. A. Knap Flooring Co., Cincinnati, Ohio 2668 * 7

BIDS OPENED

SAN DIEGO, Cal.—Asbestos Products Co., 1780 Kettner Blvd., San Diego, submitted low bid to the 11th Naval District, at \$18,000 (Item No. 1), for acoustical tile for the Naval Operating Base (Air Station), San Diego; Spec. 8720. The bids were:

Asbestos Products Co., (1) using furring strips, \$18,000; (2) cementing material to ceilings, no deduction.
L. D. Reeder Co., (1) \$18,173; (2) \$7005.

H. E. Shugart Co., (1) \$19,232; (2) \$2946.
Acoustical Engrg. Co., (1) \$23,864; (2) no deduction.
McCullough & Co., (1) no bid; (2) * 7

9—HOSPITALS

Preparing preliminary Plans

HOSPITAL ADDITIONS
Estimated Cost, \$300,000
STOCKTON, San Joaquin Co., Calif.
San Joaquin County General Hospital.

Fifty-two and basement reinforced concrete addition No. 2 to county hospital group (brick exterior walls; hollow tile interior partitions; concrete floors).

Owner—County of San Joaquin.
Architect—Peter Sala, 2130 N Commerce St., Stockton.

Application filed for PWA grant to aid in financing; balance of funds to be drawn from general tax.

BIDS OPENED

SAN FRANCISCO.—Herrick Iron Works, 18th and Campbell Streets, Oakland, at \$11,134.31, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-209, for furnishing approximately 394,135 lbs. reinforcing steel cut and bent; f.o.b. Battery, Townsend, Fort Cronkhite, Marin County, Cal.

Total bids follow:
Herrick Iron Works, 18th & Campbell Sts., Oakland—\$2,825 cwt., \$11,134.31; ½% 10 days.
W. S. Wetenhall, \$2,826 cwt., \$11-

243.10; ¼% 10 days.

Columbia Steel Co., \$2,8931 cwt., \$11,402.72; ½% 10 days.
Soule Steel Co., \$2,98 cwt., \$11,745.22 net.

Ceco Steel Products, \$3,225, \$12,710.85, net.
Truscon Steel Co., \$3.27, \$12,888.21, net.

Bethlehem Steel Co., \$3,50 cwt., \$13,794.72; ½% 10 days on \$13,300.

CONTRACT AWARDED

SAN FRANCISCO.—The Montague Co., at \$49,200, 2% 30 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-203, for furnishing one oil-burning range; f.o.b. U. S. Engineer Storehouse, Presidio.

Ray Oil Burner Co., at \$500, net, submitted only other bid. * 20

Additional Sub Contracts Awarded
FEMALE CUSTODIAL BLDGS.

Contract No. 3490,000
IMOLA, Napa Co., Cal. Napa State Hospital.

Erection and completion of Female Custodial buildings comprising a group of six buildings having a total combined floor area of approximately 125,000 sq. ft. The buildings are one- and two-story, of reinforced concrete construction, with hollow tile partitions, steel sash and shingle tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Contractor—James I. Barnes Constr. Co., Santa Monica.

Cement—Pacific Portland Cement Co., 111 Sutter St., San Francisco.

Sand and Rock—Basalt Rock Co., Inc., Napa.

Misc. and Ornamental Iron—F. Kerns & Sons, 517 6th St., S. F.
Ceramic Veneer Wall Units—N. Clark & Sons, 112 Natoma St., S. F.
Glass & Glazing—W. P. Fuller & Co., 301 Mission St., S. F.

Mill Work—Lansom Bros. Mfg. Co., 5th and Magnolia, Oakland.
Lumber—Thompson Lumber & Piling Co., 423 Terminal Sales Bldg., Portland.

CONTRACT AWARDED

OAKLAND, Calif.—Stauffer Chemical Co., 636 California St., San Francisco, at \$16,500 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 312 16th Street, Oakland, under Prop. No. 1028, for furnishing 660 tons of aluminum sulphate.

CONTRACT AWARDED

SAN FRANCISCO.—W. R. Ames Co., 150 Hooper St., at \$1,361.69, was awarded contract by the Department of Public Works, City Hall, for furnishing and installing tables, cabinets and shelving for the Maternity Building at San Francisco Hospital, Potrero Ave. and 22nd St. * 9

FUNDS ALLOTTED

SAN DIEGO, Calif. — San Diego County Supervisors will call for bids shortly for a new tuberculosis hospital to replace the present building located on county hospital grounds in San Diego. It will be a two-story fireproof structure, costing approximately \$146,000. PWA has approved a \$65,700 grant for the project. F. W. Stevenson, 409 Spreckels Bldg., San Diego, is the architect. * 9

BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—

Underground Const. Co., 354 Hobart St., Oakland, at \$4,100 submitted the low bid to the Board of Supervisors of Santa Clara County (Frank W. Hogan, County Clerk), Court House, San Jose, for construction of a new underground piping system at Santa Clara County Hospital.

Total bids follow:

Underground Const. Co., Oakland	\$4,100
A. J. Peters & Son, San Jose	5,718
W. J. Tobin, Oakland	6,050
O'Mara & Stewart, Ltd., S. F.	6,090
Pacific Htg. & Vent. Co., Oakland	6,177
Wm. F. Serpa, San Jose	6,830

CONTRACT AWARDED
SHOSHONE PROJECT, Wyoming.—Monolith Portland Cement Co., Denver, at \$102,060, awarded contract by Bureau of Reclamation, Washington, D. C., for 35,000 bbls. sulphate resisting portland cement for Shoshone Project, Heart Mountain, Wyo. Spec. 1062-D. 20

**13—PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

Contract Awarded
REPAIR ARMORY
 Contract Price, \$11,083
LONG BEACH, Los Angeles, Cal. City. Repairs to National Guard Armory building, consisting of additional steel work and welded repairs to existing steel, new concrete slabs in tower and other concrete and gunite work; plastering exterior of building and a portion of interior, composition roofing for tower and under existing tile, painting exterior and a portion of interior of building.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
 Contractor—J. E. Burrell & Son, 518 W. Anaheim St., Long Beach.

TO ASK FUNDS
SAN LUIS OBISPO, Cal.—Architects Walker & Eisen, 708 Pacific Commerce Bldg., Los Angeles, have been authorized by San Luis Obispo County Supervisors to prepare a formal application for a WPA grant to help finance construction of a 3-story Class A reinforced conc. central unit of the San Luis Obispo county courthouse. Est. cost, \$200,000. 13

BIDS WANTED
LOS ANGELES, Cal.—Until July 6, 10 A. M., bids will be received by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for a lunch room to be built on the roof of the State Office Bldg., First St. and Broadway, Los Angeles. It will be a one-story structure, 53x17-ft. in area; structural steel frame, pipe railing, cement work, steel decking, metal door frames, steel windows and doors, sheet metal sides, composition roofing, unit heaters, electric work, plumbing. Plans and specifications are on file for examination at 803 State Office Bldg., Los Angeles. 13

BIDS OPENED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$625 submitted low bid to the Department of Public Works, City Hall, for furnishing and installing acoustical material at Veterans' Bldg., War Memorial.
 Only other bid submitted by Robt. L. Carmaer at \$635, with alternate proposal of \$440 for Queentone.

Bids Opened
ALTERATIONS
SACRAMENTO, Cal. N and 12th Sts. Miscellaneous alterations and improvements to Public Wks Bldg. Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.
 C. J. Hopkinson \$2,224
 Low Bidder—Henry Finnigan, 1714 16th St., Sacramento, \$2,098.

Other bids were:
 Lawrence Construction Co. 2,565
 Holdener Construction Co. 2,603

BIDS OPENED
SAN FRANCISCO.—Laquer Floor Service Co., 2350 Keith St., at \$535.00 submitted low bid to the Department of Public Works, City Hall, for cleaning and lacquering linoleum floor covering in various rooms at the main Public Library.
 Only other bid submitted by Jones Supply Co., at \$609.00. 13

FUNDS ALLOTTED
SAN DIEGO, Cal.—San Diego City Council will call for bids shortly for the new city jail and police station to be built at Market St. and Pacific Highway, San Diego. PWA this week approved a \$166,500 grant for the building, total cost of which is estimated at \$335,000. Bids for the subcontracture were scheduled for opening last May 3, but the advertisement was withdrawn pending the outcome of the city's application for PWA funds. It is now planned to take bids for the complete building. Quayle Bros. and A. O. Treganza, 601 Spreckels Bldg., San Diego, are the architects. 13

Being Done By Day's Labor.
REMODEL CITY HALL
MORGAN HILL, Santa Clara Co. Remodel City Hall.
 Owner—City of Morgan Hill.
 Architect—Higgins & Root (Chestnut Root, Architects), Security Bldg., San Jose.
 Mgr. of Const.—Henry Ducoty, Morgan Hill.

FUNDS ALLOTTED
LONG BEACH, Cal.—R. M. Dorton, Long Beach city manager, has received PWA approval for aid in financing an addition to the Municipal Utilities Bldg. on Broadway, Long Beach. The work will consist of a 4-story and basement reinforced concrete side addition and a one-story top addition to the present 3-story structure. Warren Decrick, architect, Heartwell Bldg., Long Beach, has prepared preliminary plans. Est. cost, \$140,000. 13

To Ask Funds
ALTERATIONS & ADDITIONS
 Est. Cost, \$125,000
SAN RAFAEL, Marin Co., Cal. Court House.
 Addition of two two-story wings on both sides of the present Hall of Records.
 Owner—County of Marin.
 Architect—N. W. Sexton, de Young Bldg., San Francisco, and Wm. Mooser, 244 Kearny Street, San Francisco.
 Application for PWA grant to aid in financing now being prepared by the architects.
 The Marin County Board of Supervisors rejected proposed construction of additions under a PWA grant.

BIDS WANTED
YERBA BUENA SHOALS, Calif.—Until July 5, 11 a.m., bids will be received by the Department of Public Works at the office of the Califor-

nia Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for electrical work for the following buildings and appurtenances: San Francisco Bldg.; Main Entrance to California Court. It was previously announced that plans and specifications were obtainable at the above office upon deposit of \$25, \$15 of which was returnable; however, the entire deposit will be returned and plans and specifications may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and in Oakland.

Bids must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 10% of bid.

Bids Wanted—To Close July 15, 2 P. M.
CALIF. STATE BLDG. Cost, \$.....
YERBA BUENA ISLAND, Site of the 1939 World's Fair.
 Frame and exterior construction only of the California State Bldg., a 2-story frame building with 283 ft. frontage and 235-ft. depth, irregular, to contain ballroom, Governor's suite, women's club rooms, administration offices, 2 auditoriums to seat 250 persons each, large foyer (plyboard with resitex exterior, steel sash, composition roof) exhibit space for state's natural resources.
 Separate bids will be asked for interior finish, plumbing and ventilating and electrical work.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).
 Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Pflueger, Supervising Architect).

Plans and specifications may be obtained at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, upon deposit of \$25, returnable and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the offices of the Builders' Exchange in San Francisco and in Oakland.

Bids, which must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 10% of bid, will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and ready in Room 415 of said bldg.

Contract Awarded
PILING Cont. Price, \$2,638
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
 Piling for Pacific Basin Bldg.; Contract No. 1981.
 Owner—S. F. Bay Expos., Inc. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.
 Plans by S. F. Bay Expos. Architectural Commission, 555 Bush St., San Francisco.
 Contractor—A. W. Kitchen and Co., 110 Market St., San Francisco.

FUNDS ASKED
ARIZONA.—The following applications have been filed with the PWA for aid in financing improvements to public institutions in Arizona; State capitol, Phoenix, additions and re-

BIDS WANTED

KERN CO., Cal.—Until July 8, 8:00 p.m., bids will be received by the Vineland School District for two temporary classrooms to be added to the Vineland School in Kern County. Plans and specifications may be obtained from Architect Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield, upon deposit of \$10. * 15

LOW BIDDER

LOS ANGELES, Cal.—John C. Blystone, P. O. Box 7, Garden Grove, submitted low bid to Montebello High School District at \$14,569 for a girls' shower and locker room to be built at the senior high school, Montebello. Howard G. Elwell, architect, 803 Architects' Bldg., Los Angeles. 15

LOW BIDDERS

LOS ANGELES, Cal.—E. C. Nesser 4822 W. Jefferson, Los Angeles, submitted low general contract bid to Los Angeles Board of Education at \$20,366, for completion of a new administration unit and classroom addition at the Corona Ave. school, 3825 Bell Ave., Bell. Other low bids were: Plumbing, Hickman Bros., 471 8th St., San Pedro, at \$3555; heating, Wm. D. Kraemer, 5437 Maywood Ave., Maywood, at \$9480; painting, D. Zelinsky & Sons, 1434 E 18th St., at \$2200; electric wiring, Newbery Elec. Corp., 315 W 9th st., at \$3221. Plans prepared by architectural section of the board; A. S. Nihecker, Jr., architect. 15

CONTRACT AWARDED

PORTERVILLE, Tulare Co., Cal.—American Seating Co., 207 Van Ness Ave. South, San Francisco, at \$900, awarded contract by the Porterville School District for Venetian blinds for Bartlett Street School, Porterville.

Other bids were:

nealey & Popovich, Fresno, \$1186.
Rylock Co., Fresno, \$1030. * 15

**Contracts Awarded
SCHOOL BLDG.**

PORTERVILLE, Tulare Co., Cal.
One-story frame and concrete R. O. T. C. Unit building.
Owner—Porterville Union High Sch. District.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Contractor—Frank O. Sheldon, Porterville.

Bids received and contracts awarded as follows:

General Work

Frank O. Sheldon, Porterville—(AWARDED), \$8,416.
T. C. & W. H. Irwin, Fresno, \$8,425.
Midstate Constr. Co., Fresno, \$8,747.
Hodgson & Sons, Fresno, \$9,490.
Trehwitt-Shields & Fisher, \$9,700.
Steel Boiler, Vacuum Pump and Oil Burner

Frank Hudson, Fresno—(AWARDED), \$3,640.

H. T. Lefever, Fresno, \$3,696.
B. A. Newman, Fresno, \$3,789.
Wm. M. McKenney, Bakersfield, \$3,848.

BIDS WANTED

DELANO, Kern Co., Calif.—Until July 13, 8 p.m., bids will be received by the Delano Joint Union High School District, Wm. E. Smith, M.D., Clerk, for re-roofing of Delano Joint Union High School Physical Education Bldg., located in Delano, Cal.
Plans and specifications on file with the architect.

Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield. Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid, payable to the order of the clerk.

BOND ELECTION

KERN CO., Cal.—Arvin School District of the County of Kern will vote July 16 on a proposal to issue bonds in the amount of \$13,700, proceeds to be used to finance school improvements. Ray L. Johnson, M. F. Permenter, Harry E. Cheever, members of Governing Board of Arvin School District. * 15

BIDS WANTED

FOWLER, Fresno Co., Cal.—Until July 8, 8 p.m., bids will be received by the Fowler Union High School District, Dr. Lee A. Cobb, Secretary, for installation of new composition roofing on the Fowler Union High School at Fowler.

Specifications now on file with the Architects, Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno. Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid, payable to Board of Trustees, Fowler Union High School District.

Bond Election

JUNIOR COLLEGE ADDITIONS
Cost, \$300,000
SEBASTOPOL, Sonoma Co., Cal.
Addition of four units at the Junior College to contain administration offices, library, assembly hall and music rooms, agricultural depts. and shops.

Owner—Sebastopol Union High Sch. District.

Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.

The school district will hold a special election, July 18, to vote on a proposal to issue bonds in amount of \$165,000, to aid in financing construction of additions.

Application will be filed for PWA grant of \$135,000. 15

BIDS WANTED

COALINGA, Fresno Co., Calif.—Until July 14, 7 p.m., bids will be received by the Coalinga Elementary School District (Annie E. Cheney, Clerk), for construction of a Temporary Classroom Building located on the present Polk Street School site.

Plans and specifications may be obtained from the offices of the Architect, W. D. Coates, 627 Rowell Bldg., Fresno. * 15

Preparing Working Drawings

REMODEL SCH. Est. Cost, \$12,000
KINGS COUNTY, Cal.—Three miles east of Lemoore.

Remodel frame and stucco school building consisting of three classrooms.

Owner—Mussel Slough Elementary School District, Lemoore.
Architect—David Horn, Rowell Bldg., Fresno.

Preparing Preliminary Plans

SCHOOL ADDN. Cost, \$25,000
MADERA, Madera Co., Cal. Pershing School.

One-story frame and stucco addition consisting of three classrooms & rest toilets.

Owner—Madera Elementary School District, Madera.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

Application will be filed shortly for PWA grant.

BIDS WANTED

SANTA BARBARA, Calif.—Until July 11, 2 p.m., bids will be received by the Santa Barbara Board of Education for alterations to the senior high school in Santa Barbara. Plans and specifications may be obtained from Architect E. Keith Lockard, 117 E. De la Guerra St., Santa Barbara, upon deposit of \$25. Certified or cashier's check or bond for 5% required. 15

Bids Opened

SCHOOL ADDITION
ALUM ROCK, Santa Clara Co., Cal.
30-acre site at NW corner of White Road and Alum Rock Ave. First unit of addition to Palo School consisting of three classrooms of frame and stucco construction, with alternate proposal for additional classroom.

Owner—Alum Rock Un. School District (Thos. Ryan, Principal).
Architect—Edward W. Kress, First National Bank Bldg., San Jose.

Low Bidder—Paul N. Anderson, 1210 Lincoln Ave., San Jose—\$16,179.
Complete basic bids and alternate bids for addition of one additional classroom follow:

Paul N. Anderson, San Jose, \$16,179 (a) \$1970.

Peter Sartorio, San Francisco, \$18,984 (a) \$2460.
Dan Caputo, San Jose, \$19,415 (a) \$3000.

F. C. Stolte Co., Pacific Grove, \$19,700 (a) \$2400.

BONDS VOTED

TULARE CO., Calif.—Strathmore Elementary School District voted bonds June 24 in the amount of \$71,000, proceeds to be used to help finance construction of a new school building in Strathmore. Application made to PWA for grant of \$58,000. The structure will contain ten classrooms, auditorium, cafeteria, and library. H. L. Gogerty, 6272 Yucca St., Hollywood, is the architect. 15

FUNDS ASKED

ARIZONA.—Various Arizona school districts have filed applications with the PWA for aid in financing school improvements. The projects, with total estimated costs, are: Phoenix Union high school, new plant, \$800,000; Arizona State Teachers' College, Tempe, new buildings, \$730,000; Phoenix junior college, new plant, \$600,000; Phoenix elementary school additions, \$250,000; Phoenix Union high school, gym, \$240,000; Madison school addition, \$49,000; Glendale high school, addition, \$19,000 (additional to grant approved last week); Scottsdale high school, addition, \$10,000 (additional to grant approved last week); Higley elementary school, \$7,500. 15

Funds Allotted

AUDITORIUM & CLASSROOM
Cost, \$50,000

DELANO, Kern Co., Calif.
One-story reinforced concrete auditorium and classroom addition to Delano Elementary School.
Owner—Delano Elementary School District.

Architect—Franklin and Kump, Jr., Haberfelde Building, Bakersfield.
PWA grant of \$23,040 allotted.
Bids will be called shortly.

PLANS BEING FIGURED

ANAHEIM, Orange Co., Cal.—Architect George A. Adams, 2430 Cascadia Drive, Glendale, is taking bids from a closed, selected list of contractors for a one- and part two-story gym and classroom building to be built at 215 N. Palm, Anaheim, for St. Catherine's Military School; structure will cover an area of 50x126-ft. and will be of light steel frame construction. 15

LOW BIDDER

LOS ANGELES, Cal.—R. E. Mill-sap, 603 Pacific Commerce Building, submitted low bid to the University of Southern California at \$230,870, for two new buildings to be built at the university. They will be one-story and part two-story Class A, reinforced concrete structures. One of the buildings will house the Col-

lege of Architecture and Fine Arts; the other will be the Fisher Art Gallery. Ralph C. Flewelling, architect, 816 W 5th St.; Ralph E. Phillips, mechanical engineer. 15

BONDS VOTED
TULARE, Cal.—Exeter Elementary School District voted bonds June 24, in the amount of \$85,000, proceeds to be used to help finance construction of a new school bldg. on Chestnut St., Exeter. The structure will contain 6 classrooms, assembly hall, gym and offices. H. L. Gogerty, 6272 Yucaea St., Hollywood, is the architect. 15

Contract Awarded
PORTABLES Cont. Pr., \$15,124
OAKLAND, Alameda Co., Calif. 47th Ave. and Foothill Blvd.
Construction of six portables and moving and altering ten portables at the Fremont High Sch. Owner—Oakland School District. Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.). Contractor—John F. Tulloch, 335 8th St., Oakland.

Bids Wanted—To Close July 11, 7:00 P. M.
ALTERATIONS
BAKERSFIELD, Kern Co., Cal.
Alterations to Junior College Bldg. for Junior College Offices.
Owner—Kern County Union High School District (C. F. Moore, Clerk).
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Plans and specifications on file with the Architect. Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid, payable to the order of the Board of Trustees, Kern County Union High School District.

Plans Completed
SCHOOL Est. Cost, \$14,000
CLEMENTS, San Joaquin Co., Cal.
One - story frame elementary school building (2 rooms), stage, kitchen, principal's office and store-room.
Owner—Athdam Elementary School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans will shortly be forwarded to State Division of Architecture for approval.

Preparing Working Drawings
LIBRARY AND ADMINISTRATION BUILDING Cost, \$275,000
DAVIS, Yolo Co., Cal. U. C. College of Agriculture.
Library and administration building to replace the old Classroom Building.
Owner—Regents of the University of California, Berkeley.
Architects—W. C. Hays, Supervising Architect, University of California, Berkeley, associated with Architects Starks & Flanders, Bank of America Bldg., Sacramento.

Funds Allotted
AUDITORIUM, ETC. Est. Cost, \$226,000
DELANO, Kern Co., Cal. Delano High School.
Auditorium, cafeteria, and central heating plant.
Owner—Delano Joint Union High School District.
Architect—Frank Wynkoop, Haberfelde Bldg., Bakersfield.
PWA grant of \$80,263 allotted. Bids will be called about Sept. 1. 15

Plans Completed
MEDICO-DENTAL BLDG. Cost, \$50,000
EUREKA, Humboldt Co., Cal. NW Cor. of Fourth and F Sts.
Two-story and basement Medico-Dental building to contain six stores on first floor; offices on second; elevator.
Owner—Withheld.
Architect—Newton Ackerman, Fourth and Commercial Sts., Eureka.
Mgr. of Constr.—Wm. Wigmore, Eureka.
Bids will be called shortly and construction will begin within a few weeks. 16

Preparing Working Drawings
ALTERATIONS & ADDITIONS
SAN FRANCISCO. Taylor and Jefferson Streets.
Addition of banquet rooms and bar.
Owner—Joe DiMaggio's Grotto.
Architect—Conrad T. Kett, 519 California St., San Francisco.

CONTRACT AWARDED
LOS ANGELES, Calif.—Frank S. Hodge, 711 Architects' Bldg., was awarded contract for two-story reinforced concrete restaurant building at 5955 Hollywood Blvd., for Times-Mirror Co. Gordon B. Kaufman, 627 S. Carondelet St., architect. Cost, \$85,500.
The restaurant will be known as Florentine Gardens and will be operated by G. Braccini, formerly general manager of Lucas. 16

Contract Awarded
DRIVE-IN CAFE Est. Cost, \$8,500
FRESNO, Cal. SW Cor. Blackstone and La Salle Sts.
Construction of frame and stucco and brick drive-in cafe bldg.
Owner—Joe Gendusa.
Lessee—S. H. Flanigan, 584 Brown St., Fresno.
Contractor—A. D. Church, 1553 College Ave., Fresno.
Lessee will install fixtures and equipment at an approximate cost of \$12,000. 16

16—BANKS, STORES AND OFFICES

BIDS OPENED
SAN FRANCISCO.—The American Seating Co., 207 Van Ness Ave. So., at \$29,612.50 submitted low bid to the Department of Public Works, City Hall, for installation of blackboard at the following schools:
Kate Kennedy School, 30th and Day Sts.; Adams School, Edgy St. bet. Polk and Van Ness Aves.; Golden Gate School, Golden Gate Ave. bet. Pierce and Scott Sts.; Edward Robeson Taylor School, Somerset and Bacon Sts.; Hancock School, north side of Filbert St. bet. Jones and Taylor Sts.; Fairmount School, NE Cor. of Cheney and Randall Streets; Twin Peaks Primary School, Corbett Ave. bet. Iron and Copper Sts.; Portola Jr. High School, Girard Street bet. Burrows and Bacon Streets.

Complete bids were:
American Seating Co. \$29,612.50
Rucker-Fuller Desk Co. 30,755.80
Fred E. Turner 31,075.10 15

Bids Wanted—To Close July 12, 8 P. M.
ADDITION Cost, \$.....
HILMAR, Merced Co., Calif.
One - story frame and stucco school building to contain an agricultural shop, classroom, counselors' rooms and toilet facilities.
Owner—Hilmar High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications are obtainable from the architect's office. No deposit required. (9681) 1st rep. Mar. 3; 2nd, June 8, 1938. 15

Bid, Wanted—To Close July 13, 8 P. M.
SCHOOL Est. Cost, \$6,000
LIVE OAK, Sutter Co., Calif. Live Oak High School.
One - classroom frame and stucco school building.
Owner—Live Oak Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications are obtainable from the architect's office. No deposit required. (98) 1st report June 8, 1938. 15

Bids Wanted—To Close July 15
RECONSTRUCTION Cost, \$.....
SAUSALITO, Marin Co., Calif.
Reconstruction of Central and South Schools.
Owner—City of Sausalito.
Architect—Walter T. Steilberg, 85 Second St., San Francisco.
The City of Sausalito School District voted bonds Feb. 21 in amount of \$30,000, proceeds to finance work.
Plans and specifications obtainable from the Clerk of the School Board, Central School, Litho and Caladonia Sts., Sausalito, upon deposit of \$30.

17— THEATRES

Sub Contracts Awarded
THEATER Cost, \$124,980
EUREKA, Humboldt Co., Cal. Sixth St., betw. E and F Sts.
Three-story reinforced concrete theater and 1-store building.
Owner—Redwood Theatres, Inc. (Geo. M. Mann, Pres.), 988 Market St., San Francisco.
Mgr. of Constr.—William B. David.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.
Mill Work—Brannan Street Planing Mill, 560 Brannan St.
Glass & Glazing—Center Hardware & Glass Co., 600 Fourth St.
Roofing—Alta Roofing Co., 976 Indian St.
All of San Francisco.

19—MISC. CONSTRUCTION

BIDS WANTED
WASHINGTON, D. C.—Until Sept. 21, 12 M., bids will be received by the Navy Department, Washington, D. C., for the construction of one seaplane tender and one destroyer tender, in accordance with plans and specifications which may be obtained from the Navy Department after July 15, upon deposit of \$1000 payable to the Secretary of the Navy. 19

Sub-Bids Wanted—Re-inforcing Steel
SWIMMING POOL Cost, \$.....
CORNING, Tehama Co., Calif.
Reinforced concrete swimming pool (40 x 100-ft.) with reinf. concrete walks.
Owner—Corning Union High School District.
Architect—Chester Cole, 4418 Second St., Chico.
Plans may be obtained from J. M. Cluck, Clerk of the School Board of Trustees.

BIDS OPENED
Sacramento, Cal.—Carl R. Fiedler, 2631 30th St., Sacramento, at \$0.14 per sq. ft., submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for 60,000

sq. ft. of concrete sidewalk and driveways in the City of Sacramento.

Total bids follow:

Carl R. Fiedler, 2631 30th St., Sacramento, \$0.14 per sq. ft.
Henry Finnigan, Sacramento, \$1.175.
J. R. Reeves, Sacramento, \$0.189.
Holdener Constr. Co., Sacramento, \$0.19.

BIDS WANTED

OWYHEE PROJECT, Ore-Ida— Until July 18, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1094-D, for construction of the Owyhee Ditch pumping plant and discharge pipe, Mitchell Butte Division, Owyhee Project. Work is located near Nyssa, Ore.

Estimated quantities follow:

- (1) 7,650 c.y. excav.
- (2) 4,800 c.y. backfill;
- (3) 935 c.y. concrete;
- (4) 20 c.y. dry rock paving;
- (5) 170 sq. yds. bonded concrete floor finish;
- (6) 1,025 sq. ft. roofing;
- (7) Placing 125,000 lbs. reinforcement bars;
- (8) Installing 660 lin. ft. metal sealing strips;
- (9) Constructing temporary end wall;
- (10) Installing 63,000 lbs. metalwork and machinery;
- (11) Installing metal doors, metal-sash windows, and metal partitions;
- (12) Installing 1,100 l.f. electrical metal conduit.

Bids and specifications may be obtained from the above office and from the office of the Bureau of Reclamation, Denver, Colorado; no charge to prospective bidders; to others, \$1.00, not returnable * 19

Preparing Plans

COMFORT STATIONS Cost, \$2,500
LAKE YOSEMITE, Merced Co., Cal.
"Lake Yosemite Recreation Center."

Comfort Stations

Owner—County of Merced.
Plans by County Surveyor, W. E. Bedensen.

Upon completion of plans, bids will be asked and opened July 11. 19

CONTEMPLATED

LAKE TAHOE, Nevada Co., Cal.—Architect Wallace Neff, 5927 Franklin Ave., Los Angeles, is reported retained to prepare plans for Paulette Goddard for a proposed Ski Club at Lake Tahoe. 19

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1165-38-313, for the transportation of fuel oil from marine filling station of oil supplier, located on Carquinez Straits or Suisun Bay, between Oleum and Antioch, to and within bunkers on board Government dredge at the following points:

- (a) 7,000 bbls., Sacramento and vicinity, i.e., anywhere in Sacramento River, between Freeport Bridge and I Street Bridge, at Sacramento;
- (b) 8,000 bbls., Stockton and vicinity, i.e., anywhere in the deep water channel between Criminal Point and Stockton;
- (c) 12,000 bbls., Rio Vista and vicinity, i.e., anywhere in channels between the mouth of Steamboat Slough and Collinsville or between Criminal Point and Antioch;
- (d) 3,000 bbls., Suisun Bay, i.e., anywhere in channels between Col-

insville or Antioch and the S. P. R. R. bridge near Martinez.

Bids were:
Union Oil Co., \$0.15 on Items (a), (b) and (c).
River Lines, Sacramento, \$0.16 on Items (a), (b), (c) and (d). * 19

Contract Awarded

EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 Worlds Fair.
Construction of proposed exhibit building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Plans by Engrg. Dept. of Owner.
Contractor—Heinsbergen Decorating Co., 49 Geary St., San Francisco.
(83) 1st report May 10, 1938. * 19

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, C. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1271, for furnishing one heating system f.o.b. bidder's shipping point and/or Alturas:

U. S. Radiator Corp., \$298.64, f.o.b. S. F., \$344.05 f.o.b. Alturas, net; J. O. & C. U. Martin, S. F., \$579.59 f.o.b. Alturas, 2% 10; Merrill Hubbard & Co., \$305.28, f.o.b. S. F., \$363.28 f.o.b. Alturas, 2% 20; Grinnell Co. of the Pacific, \$323.72 f.o.b. S. F., 2% 30; Bay Hubbrook, Inc., \$327.07, f.o.b. S. F., \$387.57, f.o.b. Alturas, 2% 30; Warren Doble, S. F., \$502.36, f.o.b. Alturas, 2% 20; Crane Co., \$266.77, f.o.b. Sacramento, \$310.33, f.o.b. Alturas, 2% 30; Walworth-California Co., \$344.37, f.o.b. S. F., \$393.57 f.o.b. Alturas, 2% 30. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Central Fdry. Co., 278 4th St., Oakland, at \$1,406.23, awarded contract by the San Francisco Purchasing Agent, T. A. Brooks, 270 City Hall, under Bid No. 2038, for furnishing 1152 lin. ft. 8-in. universal joint cast iron pipe for the San Francisco Airport. * 20

CONTRACTS AWARDED

OAKLAND, Cal.—Ransome Company, 4030 Hollis St., Emeryville, at (1) \$265, (2) \$31,875, and Melrose Bldg. Materials Co., 4501 Tidewater Ave., Oakland, at (3) \$24,220, were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS 216, for street paving repairs, as follows:

- (1) 500 cu. ft. asphalt concrete base course, complete in place;
- (2) 125,000 sq. ft. asphalt street paving repairs, comp. surf. course;
- (3) 3,500 c.y. concrete wet mix delivered in trench exclusive of spreading. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Calaveras Cement Co., 315 Montgomery St., San Francisco, at \$11,900, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1032, for furnishing 400 bbls. high early strength Portland cement and 1000 bbls. cement. * 20

BIDS WANTED

KINGSBURG, Fresno Co., Calif.—Until July 7, 8 p.m., bids will be received by the Board of Trustees of the Kingsburg Joint Union Elementary School District, Fred E. Danielson, Clerk, for salvaged materials from the demolished Washington

School Building, including lumber, mill work, plumbing, brick, tile, sheet metal, electrical materials and various misc. items.

Plans and specifications may be obtained at the office of L. E. Gustafson, Supt. of School, Roosevelt School Bldg., Kingsburg, Cal. * 20

CONTRACT AWARDED

OAKLAND, Cal.—Oakland Lumber Supply Co., 6901 E. 14th St., Oakland, at \$5,014, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1036, for furnishing approximately 97,056 ft. b.m. Oregon Pine lumber. * 20

BIDS WANTED

OAKLAND, Cal.—Until July 6, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1040, for furnishing 2,400 tons gravel.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until July 6, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1050, for furnishing Oregon pine for the fiscal year 1938-1939.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

INYO COUNTY, Cal.—Until July 8, 1:00 P. M., bids will be received by the Inyo County Board of Supervisors, Dora Merithew, Clerk, Independence, for furnishing 8 cords of pinon wood; job Court House and Jail at Independence, Inyo County.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

INYO COUNTY, Cal.—Until July 8, 1:00 P. M., bids will be received by the Inyo County Board of Supervisors, Dora Merithew, Clerk, Independence, for furnishing 15 or more cords of pinon wood; job County Home and Farm at Big Pine, Inyo County.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

KERN CO., Cal.—Until July 11, 5 p.m. (opened 7:30 p.m.), bids will be received by the Board of Trustees, Kern County Union High Sch. District, Bakersfield, for furniture, steel lockers, and a steel counter for the East Bakersfield High School.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until July 11, 5 P. M., bids will be received by the Kern County Union High School District, Bakersfield for furniture, steel lockers and a steel counter for the East Bakersfield high school. Specifications are on file in the office of T. L. McCuen, business manager, at the high school. 20

BID OPENED

SAN FRANCISCO.—Central Fdry. Co., 278 4th St., Oakland, at \$1,406.23, submitted only bid to the San Francisco Purchasing Agent, T. A. Brooks, 270 City Hall, under Bid No. 2038, for furnishing 1152 lin. ft. 8-in. universal joint cast iron pipe for the San Francisco Airport. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—California Portland Cement Co. at \$85,000 was awarded contract by U. S. Engineer, Los Angeles, for 50,000 bbls. of portland cement fob Colton. Invt. 605

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Following submitted low bids and were awarded contracts by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing eqpt., as follows:

BID NO. 5850—Berkeley Steel Construction Co., Inc., 2nd and Camella Sts., Berkeley, at \$180 ea., 1/2 of 1% 10 days, for two sets steel forms for round nose piers; Alder Creek Bridge, Placerville and Layman's Bar Bridge, Blairsdan, Cal.

BID NO. 5851—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$2,693, 1/4 of 1%, for furnishing 130-ft. steel truss, including all structural steel, bolts for field connections, and misc. steel portions necessary for the erection, Island Bar Bridge.

BID NO. 5852—Judson Pacific Co., 609 Mission St., San Francisco, at \$380 net, for 40-ft. steel span, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel necessary for erection of the truss, Little Truckee River Bridge.

BID NO. 5853—Berkeley Steel Const. Co., Inc., 2nd and Camella Sts., Berkeley, at \$1,890, 1/2 of 1% 10 days, for 84-ft. steel truss, including all structural steel, bolts for field connections, bolts for superstructure, and all miscellaneous steel necessary for erection of the truss, Little Truckee River Bridge.

BID NO. 5854—Schraeder Iron Works, Inc., 1247 Harrison St., S. F., at \$205 net, for 30-ft. trail bridge, including all structural steel, bolts for field connections, bolts for superstructure, and all misc. steel necessary for erection, Kennedy Meadow Bridge.

BID NO. 5855—Judson-Pacific Co., 609 Mission St., San Francisco, at \$380 net, for 40-ft. steel span, including all structural steel, bolts for field connections, bolts for superstructure, and all miscellaneous steel for erection Island Bar Bridge. * 20

BIDS OPENED

SACRAMENTO, Cal.—McGillivray Constr. Co., P.O. Box 873, Sacramento, at (1) \$3.48, (2) \$3.45, submitted low bid to the Sacramento City Council (H. G. Denton, City Clerk), City Hall, for furnishing (1) 1000 tons of plastic concrete mixture, and (2) 1000 tons stabilized asphaltic mix, for use in the maintenance of city streets.

Total bids follow:
McGillivray Constr. Co., P.O. Box 873, Sacramento, (1) \$3.48, (2) \$3.45.
Del Paso Rock Products Co., Sacramento—(1) \$3.75, (2) \$3.55.
A. Teichert & Son, Inc., Sacramento, (1) \$3.80, (2) \$3.60. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1276, for furnishing one blower complete, f.o.b. bidder's shipping point and/or Mt. Shasta:
Baker Air Equipment Co., \$200 f.o.b. Alameda, \$203.25 f.o.b. Mt. Shasta, 2%

10; Sutorbilt Corp., \$294 f.o.b. Los Angeles, \$299.40 f.o.b. Mt. Shasta, net; Roots-Connorsville Blower Corp., \$300 f.o.b. Connorsville, Ind., \$318.24 f.o.b. Mt. Shasta, 1/2% 10. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Riverside Cement Co., at \$26,250, awarded contract by U. S. Engineer, Los Angeles, for 15,000 bbls. portland cement for 1st Field Area and at \$52,500 for 30,000 bbls. for 2nd Field Area, all f.o.b. cars Crestmore; California Portland Cement Co., the contract at \$42,500 for 25,000 bbls. for 3rd Field Area f.o.b. cars Colton. Invt. 600. * 20

BIDS OPENED

COLUMBIA BASIN PROJ., Wash.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$214,260, submitted low bid to the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom Hse., Denver, Colo., under Bid No. A-38-090-A, for furnishing deformed intermediate grade billet steel reinforcement bars concrete; (1) 7,000,000 lbs. base (3/4-in. and larger), round or square deformed bars; (2) \$700,000 lbs. 5/8-in. round deformed bars; (3) 300,000 lbs. 1/2-in. round deformed bars; f.o.b. Odair, Wash.

Total bids follow:
Bethlehem Steel Co., 20th and Illinois Sts., San Francisco—\$214,260.
Carnegie-Illinois Steel Corporation—\$214,900.
Republic Steel Corp.—\$220,500. * 20

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until July 6, 8 P. M., bids will be received by the San Jose City Council, C. B. Goodwin, City Manager, City Hall, San Jose, for furnishing 17,525 feet of combination cable composed of ten straight-away conductors No. 16 AWG solid and two twisted pairs No. 16 AWG solid conductors, triple wrap.

Plans and specifications may be obtained from the above office. * 70

BIDS WANTED

OAKLAND, Cal.—Until July 11, 4:30 p.m., bids will be received by the Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 4,000 bbls. cement and 5,000 tons concrete aggregates; f.o.b. Oakland Airport.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

OAKLAND, Cal.—E. K. Wood Lbr. Co., Frederick and King Sts., Oakland, at \$3,979, awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 180,000 ft. b.m. green timber for decking, stringers, etc., for wharf, Inner Harbor, Oakland. * 20

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until July 12, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing Mazda electric lamps for the fiscal year.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$600; 1/2 of 1% 10 days submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 586L, for 50-ft.

beam span, including all structural steel, bolts for field connections, bolts for superstructure, and all miscellaneous steel necessary for erection of Glen Alpine Bridge.

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1273, for furnishing one heating system for Del Rosa; Merrill, Hubbard & Co., \$369.17, f.o.b. S. F., \$387.54, f.o.b. Del Rosa; 2% 30; and Atlas Heating & Ventilating Co., \$435 f.o.b. S. F., \$495 f.o.b. Del Rosa, net. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1267, for furnishing electric lighting fixtures; f.o.b. bidder's shipping point.

Solar Lighting Fixture Co., Inc., Los Angeles, \$990.60; 2% 10; Calif. Elec. Supply Co., San Francisco, \$734.99, 2% 10th prox.; Alfred J. Casella, S. F., \$689.95, 2% 10; Roberts Mfg. Co., S. F., \$609.03, net; Boyd Lighting Fixture Co., S. F., \$899.45, 2% 10; K. Von Hacht, S. F., \$790.50, 1% 10; and Phoenix Day Co., S. F., \$777.13, net. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1270, for furnishing two sectional boilers, complete, including 2 oil burners, 16 hot water type radiators and 2 pressure tanks; f.o.b. shipping point and/or Arcadia, Calif.:

U. S. Radiator Corp., \$567.77 f.o.b. S. F., \$598.47 f.o.b. Arcadia, 2% 20; Grinnell Co. of the Pacific, \$659.08 f.o.b. S. F., 2% 30; Calif. Cornice Steel & Supply Co., \$745.03 f.o.b. Los Angeles, \$846.79 f.o.b. Arcadia, 5% 10; Crane Co., S. F., \$689.26 f.o.b. Arcadia, 2% 30; Merrill, Hubbard & Co., \$592.98 f.o.b. S. F., 2% 20. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1272, for furnishing one heating system f.o.b. bidder's shipping point and/or Oroville:

Crane Co., \$168.29 f.o.b. Sacramento, \$176.07 f.o.b. Oroville, 2% 30; Atlas Heating & Ventilating Co., \$275 f.o.b. S. F., \$310 f.o.b. Oroville, 2% 10; American Furnace Co., S. F., \$244.69 f.o.b. Oroville, 2% 20; Walworth-Calif. Co., \$248.15 f.o.b. S. F., \$269.25 f.o.b. Oroville, 2% 30; Merrill Hubbard & Co., \$260.60 f.o.b. S. F., \$272.60, f.o.b. Oroville, 2% 20. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

REPAIRS, \$250; 2315 Frederick St., Oakland; owner and contractor, A. Viera, 2316 Frederick St.

REPAIRS, \$50; 3945 Woodruff Ave., Oakland; owner, Maxwell Vestal, Prem.; contractor, C. V. Rogers, 1809 Bancroft Avenue, Berkeley; also struc. pest permit, \$25.

REPAIRS, \$200; 1919 Park Blvd., Oakland; owner, H. E. Powell, Prem.; contractor, Gordon Wisner, 1252 Spruce St., Berkeley.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

21—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

BIDS WANTED

SKAMANIA CO., Wash.— Until July 12, 10 A. M., bids will be received by the Bureau of Public Bids, Portland, Ore., for improvement of continuous 3-span, reinforced concrete deck beam bridge with concrete piling over Toulte River, St. Helen's Highway, National Forest rd. proj. 15-A9, in Columbia National Forest, Skamania County, Wash.

The work involves:

- (1) extra and misc. force account wk.
- (2) 1,000 c.y. unclass. excav.;
- (3) 234 c.y. concrete;
- (4) 61,000 lbs. reinf. steel;
- (5) 720 lf. concrete piling and other small items of work. * 21

BIDS WANTED

MERCED COUNTY, Calif.— Until July 20, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge across the San Joaquin River about 17 miles east of Los Banos, consisting of one 70-ft. 0-in. span, two 60-ft. 0-in. spans, two 54-ft. 0-in. spans, two 46-ft. 0-in. spans and two 40-ft. 0-in. spans; widening existing reinforced concrete bridge consisting of two 15-ft. 0-in. spans; and about 0.5 mile of roadway approaches to be graded and surfaced with plant-mixed surfacing, Merced County.

Work involves:

- (1) 26 sta. clear and grub;
- (2) 390 M. gals. water;
- (3) 3,400 c.y. rdwy. excav., unclass.;
- (4) 23,000 c.y. imported borrow;
- (5) 1,400 c.y. struc. excav.;
- (6) 26 sta. finish rdwy.;
- (7) 226 c.y. remove concrete;
- (8) 2,200 tons of untreated crushed gravel or stone surf.;
- (9) 775 tons min. agg. plant mix surf.;
- (10) 39 tons liquid asph. MC-5 or extra heavy plant mix surf.;
- (11) 5 tons liquid asph., MC-2 prime coat;
- (12) 4.3 tons asph. emulsion seal coat and paint binder;
- (13) 32 tons screenings, seal coat;
- (14) 17 tons liq. asph., SC-2 penetration oil treatment;
- (15) 257,000 lbs. bar reinf. steel;
- (16) 267 c.y. Class A Portland cement conc. footings blocks;
- (17) 1,190 c.y. Class A Portland cement conc. struc.;
- (18) 53 c.y. Class A Portland cement conc. railing;
- (19) 5,000 lf. furnish untreated Douglas fir piles;
- (20) 200 each drive do;

- (21) 7,600 lbs. misc. steel;
 - (22) 216 c.y. riprap;
 - (23) 70 lf. 18-in. CMP;
 - (24) 30 lf. 24-in. CMP;
 - (25) 1 each 24-in. drainage gate;
 - (26) 8 lf. remove and salvage culvert pipe;
 - (27) 230 lf. remove and salvage guard rail;
 - (28) 1 lot temporary rail;
 - (29) 30 lf. laminated guard rail;
 - (30) 19 each guide posts;
 - (31) 0.5 mile new property fence;
 - (32) 1 each drive gate;
 - (33) 8 each monuments;
 - (34) 1 existing bridge to be removed and disposed of;
 - (35) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SANTA BARBARA CO., Calif.— Until July 20, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a bridge across Santa Ynez River and about 0.8 mi. roadway to be graded and road-mix surface treatment applied, about one mile east of Lompoc, Santa Barbara Co., Cal.

Work involves:

- (1) 1 lot clear and grub;
- (2) 670 M. gals. water;
- (3) 22,500 c.y. roadway excavation, without classification;
- (4) 161,000 sta. yds. overhaul;
- (5) 115 c.y. ditch and channel excavation;
- (6) 2,250 c.y. struc. excav.;
- (7) 4,400 c.y. import borrow;
- (8) 140 c.y. remove concrete;
- (9) 36.4 sta. finish roadway;
- (10) 11 tons liq. asph., SC-3 (prime coat);
- (11) 150 tons liq. asph., SC-3 (road-mix surf. treatment);
- (12) 10,200 sq. yds. preparing, mixing and shaping roadbed;
- (13) 11 tons liq. asph., SC-2 (penetration oil treatment);
- (14) 206,340 lbs. bar reinf. steel;
- (15) 310 c.y. class A portland cement concrete footing block;
- (16) 851 c.y. class A portland cement concrete structures;
- (17) 20 c.y. class A portland cement concrete railing;
- (18) 277,000 lbs. struc. steel;
- (19) 2,500 lbs. misc. steel;
- (20) 6,480 lf. furnish treated Douglas fir piles;
- (21) 162 each, drive treated Douglas fir piles;
- (22) 35 c.y. class A portland cement concrete slope pavement;
- (23) 118 lf. 8-in. CMP;

- (24) 170 lf. 18-in. CMP;
- (25) 60 lf. 36-in. CMP;
- (26) 52 lf. existing pipe culverts removed, cleaned and salvaged;
- (27) 11 each, spillway assemblies;
- (28) 810 lf. laminated guard railing;
- (29) 12 each, culvert markers;
- (30) 10 each, guide posts;
- (31) 1.6 miles new property fence;
- (32) 6 each, drive gates;
- (33) 26 each, monuments;
- (34) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SAN FRANCISCO.— Until July 13, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,152, for cleaning and painting all exposed steelwork at the upper part and above the lower of the Third Street Bridge over Channel Street Waterway. Estimated cost, \$2,500.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. * 21

BIDS WANTED

SAN FRANCISCO.— Until July 13, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,141, for the reconstruction and repairing of Sixth Street Bridge over Channel Street. Estimated cost, \$8,300.

Work involves:

- (1) lump sum, providing barricades and signs, removing parts of existing work;
- (2) 1,500 lin. ft. treated timber piles;
- (3) 14 MFBM timberwork (other than piles);
- (4) 5,600 lbs. traffic plates;
- (5) 80 hours' paint work;
- (6) 22 tons asphaltic concrete W.S.;
- (7) lump sum, mechanical work.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. * 21

CONTRACT AWARDED

PLUMAS CO., Cal.— Campbell Construction Co., 800 R St., Sacramento, at \$63,891, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for constructing bridges at Rock Creek, Chippis Creek and Yellow Creek; a culvert at Little Indian Creek, and about one-quarter mi. grading roadway, Plumas County. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

CLACKAMAS CO., Ore.— Kuckenberger Constr. Co., Portland, Ore., at \$31,415, awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-35-567, for construction of approximately 3,100 feet of rock riprap revetment in Barton District Improvement Company; 1,150 feet of rock riprap revetment in Paradise Park District Improvement Co., and for bank clearing, bank sloping, gravel excavation and gravel filling along the Clackamas River 12 and 70 miles above the mouth of the river in Clackamas County, Ore. * 22

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

23— CANALS

CONTRACT AWARDED

BOISE PROJ., Ida.—Haas, Dougherty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$172,687, were awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 785, for the construction of earthwork and structures, Sta. 1520 to Sta. 1533 plus 35, Black Canyon Canal; Sta. 0 to Sta. 1040 "A" line canal; and Sta. 0 to Sta. 1284 plus 81, "D" line canal, Payette Division, Boise Project. * 23

BIDS OPENED

ALL AMERICAN CANAL.—Atlas Const. Co., 39 Congress St., Pasadena, at \$269,821.00 (Total Schedules 1 and 2) submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 791, for the construction of the Alamo River and New Briar Canal crossing and the Central Main Check and turnout, Station 3258 plus 25 to Station 3543 plus 76.52, All-American Canal, All American Canal System, Boulder Canyon Project. Work is located near Calexico, Calif.

Total bids follow:

(A) Atlas Const. Co.: Sch. 1, 168,009.50; Sch. 2, \$101,852.60; total, \$269,821.00. (Stipulations: none mentioned).

(B) Alexander and Repass, Des Moines, Ia.: Sch. 1, \$183,687.70; Sch. 2, \$111,101; total, \$299,698.70. (Stipulations: Sch. 1 or 1 and 2, but not 2 alone).

(C) Ralph A. Bell, Monrovia: Sch. 1, \$209,300; Sch. 2, \$122,279; total, \$331,579. (All or none).

(D) Pleasant-Hasler Co., Phoenix: Sch. 1, \$251,743.25; Sch. 2, \$134,357; total, \$386,100.25. Stipulations: none mentioned).

(E) Mitty Bros. Const. Co., Los Angeles: Sch. 1, \$221,937.75; Sch. 2, \$138,776.10; total, \$360,713.85. (Stipulations: No. 1 alone or 1 and 2, but not 2 alone).

The unit prices will be published shortly. * 23

24—STREET LIGHTING

CONTRACT AWARDED

HAMILTON FIELD, San Rafael, Calif.—Underground Constr. Co., 354 Hobart St., Oakland, at \$989, awarded contract by the Constructing Quartermaster, Col. H. E. Pitz, QMC, San Francisco and Vicinity, Ft. Mason, under Bid No. W 6616-38-21, for relocating south floodlight at Hamilton Field, San Rafael, Cal. * 24

BIDS WANTED

HICKAM FIELD, T. H.—Until July 27, 1:30 p.m., bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, and at 11:00 a.m. by the Office of the Purchasing and Contracting Officer, Constructing Quartermaster, Hickam Field, T. H., under Bid No. 397-38-29, for construction and completion of a street lighting system and a secondary electric distribution system at Hickam Field, T. H.

Plans and specifications may be obtained from the above offices upon the deposit of \$10. * 24

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

OAKLAND, Calif.—Walter Koetitz, 1424 Fountain Street, Alameda, at \$400 per month, awarded contract by the Oakland Port Commission for

the rental of one pile driver for use on Smith Lumber Co. Wharf, Inner Harbor, Oakland. * 25

BIDS OPENED

MARIN AND SONOMA COS., Cal.—A. Soda & Son, 5231 Grove St., Oakland, at \$150 per hour, submitted low bid to the State Division of Highways, Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for rental of one 7-ton 3-wheeled roller for approximately 360 hours' use in Marin and Sonoma Counties.

Total bids follow:

A. Soda & Son, 5231 Grove Street, Oakland, \$150.

F. E. Crews, Fairfax, \$1.75.
Albert Helwig, Sebastopol, \$3.25. * 25

BIDS WANTED

MERCED, Cal.—Until July 5, 8:00 p.m., bids will be received by the Merced City Council, W. T. Clough, City Clerk, City Hall, Merced, for furnishing one air compressor and accessories including paving breaker, back fill tampers, sections hose complete with couplings, etc.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN FRANCISCO.—Welding Service Sales, Inc., 954 Howard St., at \$392.00, 1% 10 days, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-211, for electric welding equipment and supplies; for U. S. Engineer Storehouse, Presidio of San Francisco.

The Lincoln Electric Co., at \$403.28, net, submitted second low bid.

Partial bids were submitted by the following: Coast Electric Supply Co., Crescent Electric Co., Victor Equipment Co., Continental Steel & Supply Co., John A. Roebings Sons Co. of Calif., Westinghouse Elec. Supply Co. and Harnischfeger Sales Corp. * 25

BIDS WANTED

BONNEVILLE, Ore.—Until July 7, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-299, for furnishing: (1) one gasoline engine driven, full revolving dipper shovel excavator mounted on crawler treads, complete with auxiliary boom, hoist, cable and all other accessories necessary for conversion to dragline, clamshell or hook crane use; (2) one heavy duty automatic dragline bucket, capacity 1 1/4 cubic yards; and (3) one heavy duty dredging clamshell bucket, capacity 1 1/4 cu. yds. Alternate "A", f.o.b. shipping point; Alternate "B", f.o.b. Bonneville, Ore.

Plans and specifications may be obtained from the above office. * 25

BIDS RETURNED UNOPENED

COLUMBIA BASIN PROJECT, Wash.—The U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1080-D, returned unopened all bids for furnishing and delivering 18 cast-steel draft-tube pier noses and 10 anchor-bolt assemblies for the Grand Coulee power plant, Columbia Basin Project. Purchase to be delayed until a later date. * 25

CONTRACT AWARDED

DENVER, Colo.—Ruth Dredge Mfg. Co., Los Angeles, Cal., at \$15,975, lot 32,000 lbs., disc. 1/2 of 1%, f.o.b. Los Angeles, awarded contract by U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1061-D, for

furnishing one ditch-cleaning and excavating machine of crawler-tractor and endless-chain bucket-digging unit type, to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals on the Belle Fourche Project, South Dakota. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of six draglines and two convertible shovel-draglines; Invt. 613, opened by U. S. Engineer, Los Angeles, were:

Bert Calvert: 1% 10 days, 1 shovel, \$6.26 hour, \$12,400; 2 shovels, \$7.10 hour, \$28,400 (Northwest 80, 80-C).

Pacific Crane & Rigging, Inc.: 2% 20 days—1 dragline, \$6 hour, \$12,000; 1 shovel, \$6 hour, \$12,000 (Link-Belt K-55); only one machine.

American Concrete & Steel Pipe Corp.: 2% 20 days—1 dragline, \$6 hr., \$12,000 (Lima 801).

Rhoades Bros.: 2% 10 days—1 dragline, \$6.50 hour, \$13,000 (Thew-Lorain 87).

B. W. Kuhn, Inc.—1/2 of 1% 10 da.—6 draglines, \$6.70 hour, \$80,400; two shovels, \$6.70 hour, \$26,500 (one Lorain 87, Northwest 78, 3 Northwest 80, 4 Northwest 80-D, one Northwest 53) (shovels, Northwest 80 and 80-D).

Lewis Const. Co.: 1 1/2% 10 days—1 dragline, \$6.75 hour, \$13,500; 1 shovel, \$7 hour, \$14,000 (Northwest 80); only one machine.

McKinley & Smith: 2 1/2% 10 days—1 dragline, \$6 hour, \$12,000; 2 draglines, \$6, \$24,000; 1 shovel, \$7.50 hour, \$15,000; 2 same, \$7.50 hour, \$30,000 (2 Marion 392); factory delivery; bidding on two only either as draglines or convertible dragline shovels.

Ray Schweitzer: 1/2 of 1% 10 da.—1 dragline, \$5.50 hour, \$11,000; 2 same, \$6 hour, \$24,000; 3 same, \$6.40 hour, \$38,400; 4 same, \$6.10 hour, \$48,000; 5 same, \$6.35 hour, \$63,500; 6 same, \$6.30 hour, \$75,600 (701, 701-A, 850, 701, 901, Lima or Lorain 87); factory delivery.

Oswald Bros.: 1% 10 days—2 draglines, \$6.60 hour, \$26,400; (Northwest 78 and 80).

Ralph O. Dixon: 1/2 of 1% 10 days—1 dragline, \$5.75 hour, \$11,500; 1 more, \$6.25 hour, \$12,500 (Thew-Lorain 87); 2nd bid is factory delivery.

W. C. Cole, San Diego: 1/2 of 1% 10 days—1 dragline, \$6.24 hour, \$12,480 (Bucyrus-Erie); factory delivery.

V. R. Dennis Const. Co., San Diego: 2% 30 days; 1 dragline, \$5.25 hr., \$10,500; 2 same, \$5.85 hour, 23,400 (Thew-Lorain No. 87, Lima 701).

United Concrete Pipe Corp.: 3% 10 days—1 dragline, \$7 hour, \$14,000; 2 same, \$8 hour, \$32,000; 1 shovel, \$11 hr., \$22,000 (Lima 701 and 1001 draglines, Lima 1001 shovel); has only one Lima 1001. Alt. bic, 70-ft. boom, 3-yd. bucket, \$9 hour; disc. 3% 10 da. * 25

BIDS OPENED

SAN LUIS OBISPO COUNTY, Cal.—S. Tedesco, 6614 Hollenbeck St., Huntington Park, at \$2.65 per hour, submitted low bid to the State Division of Highways, Department of Public Works, L. H. Gibson, District Engineer, 50 Figueroa Street, San Luis Obispo, for the rental of three 3 1/2-c.y. dump trucks for use in San Luis Obispo County.

Total bids follow:

S. Tedesco, Huntington Park	per hr.	\$2.65
R. B. Snow, Santa Maria		2.90
C. V. Clark, Jr., North Hollywood		2.90

BIDS OPENED

SANTA BARBARA CO., Cal.—The following submitted bids to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for the rental of the following equipment for use in Santa Barbara County:

- (1) one 49-hp. (or more) tractor with bulldozer;
- (2) one 1000-gallon (or more) water tank truck;
- (3) one 2-c.y. (or more) dump truck.

Bids were:

Frank T. Hickey and Harry E. Smith, Los Angeles: (1) \$4.25; (2) \$2.30; (3) \$1.65.

Denni Inv. Co., Wilmington: (1) \$4.40.

Joe Patterson, Caruthers: (1) \$4.95.

H. V. Griffiths, Salinas: (1) \$3.10.

Consumers Fuel Oil Co., Santa Barbara: (2) \$2.00.

Teel Bros., Los Angeles: (2) \$2.25.

Portola Truck Service, San Francisco: (2) \$2.42; (3) \$1.65.

Orlo E. Smith, Bell: (3) \$1.48.

L. E. Torian, Los Angeles: (3) \$1.65.

H. R. Davis, Irvington: (3) \$1.90.

Harold E. Guiton, Oceano: (3) \$1.75.

* 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 68998, Req. No. 1383, for furnishing 10-ft. dual drive, diesel-operated motor-grader with scrapper: fob Fruitvale, Oakland.

Bids were:

Caterpillar Tractor Co., Oakland, \$4,959.50; disc. \$50.20 days.

Knox-Hale Machinery Co., S. F., \$4,650; disc. \$100.20 days.

Harron, Rickard & McCone, S. F., \$4,678; disc. \$77.60 30 days.

Spears Wells Machinery Co., Oakland; \$4,955; disc. \$100.10 days.

* 25

BIDS WANTED

KINGSBURG, Fresno Co., Calif.—Until July 14, 8 p.m., bids will be received by the Board of Trustees of the Kingsburg Joint Union Elementary School District, Fred E. Danielson, Clerk, for a school bus, chassis and body complete, capacity of 64 or 71 elementary school students.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

FORT MASON, Cal.—The following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-421, for furnishing two gasoline tractors, 45-hp. complete. Bids were:

Superior Grinding & Motor Parts Co., Inc., S. F., \$840; 1%.

J. I. Case Co., Oakland, \$947.56.

John Deer Plow Co., S. F., \$489; 5%.

W. J. Hebard, Chicago, \$1,080; fob Wisconsin; \$1,376 delivered, 1% 10 days.

Mercury Mfg. Co., Chicago, \$1,277.98 net.

* 25

BIDS OPENED

OWYHEE PROJ., Oregon-Idaho.—Until July 19, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1095-D, for furnishing and delivering one plate-steel pump-discharge manifold for the Owyhee Ditch pumping plant, Owyhee Project, fob shipping point and/or Dumaway, Oregon. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable.

BIDS WANTED

YAKIMA PROJECT, Wash. Until July 20, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1096-D, for furnishing and delivering radio telephone apparatus consisting of two transmitters, two receivers, one gasoline engine - driven alternator, and miscellaneous equipment for use on the Yakima Proj., Wash.; fob shipping point and/or Yakima, Wash. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable.

* 15

BIDS OPENED

SAN LUIS OBISPO and Santa Barbara Cos., Calif.—Following submitted bids to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of two oil distributors with trailers for use in San Luis Obispo and Santa Barbara Cos. Bids taken on:

LOCATION A—San Luis Obispo Co.:

- (1) distributor, rate per hour;
- (2) small trailer, per hour;
- (3) large trailer, per hour.

LOC. B—Santa Barbara County:

- (4) distributor, rate per hour;
- (5) small trailer, per hour;
- (6) large trailer, per hour.

Bids were:

R. B. Snow, Santa Maria: (1) \$4.50 (2) \$4.45; (3) \$4.45; (4) \$4.50; (5) \$4.45; (6) \$4.45.

Bradley Truck Co., (1) \$4.50; (2) \$4.50; (3) \$1.00; (4) \$4.50; (5) \$4.50; (6) \$1.00.

* L. A. Brisco, Arroyo Grande: (1) \$4.50; (2) \$1.50; (3) \$5; (5) \$1.50.

* Bid irregular. * 25

BID OPENED

FRUITVALE, Cal.—Spears Wells Machinery Co., 1827 W. 8th St., Oakland, at \$2,477 net, submitted only bid to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 70179, Req. No. 13018, for one 3 1/2-ton tandem roller, gasoline engine powered, two speeds in each direction, complete with towing attachment consisting of detachable pneumatic-tired wheels and an adjustable tongue; f.o.b. Fruitvale, Cal. * 25

BIDS OPENED

LOS ANGELES Cal.—Bids for the rental of compressor equipment were opened by the State Highway Department, Los Angeles.

The items are:

- (1) one 220 cu. ft. air compressor (actual air deliv.) on 4-wheel running gear, rental per hour;
- (2) two only jackhammers (dry type) rental each per day;
- (3) two only pavement breakers, rental each per day;
- (4) two sets of steel and hose for operating either two jackhammers or two pavement breakers, as ordered, rental each per day.

Equipment to be used on various jobs in Ventura County for approximately 30 days.

The bids were:

Lang Transportation Co.: 220 feet comp. \$1.50 hour; 2 jackhammers, \$1 each per day; 2 sets hose and steel, 1 each per day; 2 paving breakers, \$2.50 each per day.

Andrew Bongiovanni: Ingersoll-Rand, \$5.00 per hour.

E. A. Irish: (unoperated) (1) 5.50 hour; (2) \$2 each per day; (3) \$4 each per day; (4) \$2 each per day.

Western Mch. Co.: (1) 1-R 1937, \$1.70 per hour; (2) N-R 1938, \$1 each per day; (3) \$1.00 each per day; (4) 1-R 1938, \$1.00 each per day. *

BIDS OPENED

SAN LUIS OBISPO, Calif.—Following submitted bids to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for furnishing equipment for use on State Highways at various locations in District V, as follows:

LOCATION A—San Luis Obispo and Santa Barbara Counties

- (1) three only, three and one-half c.y. dump trucks;

LOCATION B—San Luis Obispo Co. in the vicinity of San Luis Obispo

- (1) two only, 3 1/2-c.y. dump trucks;
- (2) one only, 1000-gal. oil distributor;
- (3) one 54-bbl. oil tank truck;
- (4) one 66-bbl. oil tank truck;
- (5) one 30-hp. tractor;
- (6) one 30-hp. tractor with bulldozer;
- (7) one 50-hp. tractor;
- (8) one 8-ton tandem roller;
- (9) one 8-ft. pull grader;
- (10) one 7-ft. pull grader;
- (11) one 10-ft. motor grader;
- (12) one 5-tooth scarifier (Ventura or equal);

LOCATION C—Santa Barbara Co., in the vicinity of Santa Maria

- (1) one 30-hp. tractor;
- (2) one 35-hp. tractor;
- (3) one 35-hp. tractor with bulldozer;
- (4) one 44-hp. tractor with bulldozer;
- (5) one 60-hp. tractor with bulldozer;
- (6) one 7-ft. pull grader;
- (7) one 10-ft. pneumatic tired pull grader;
- (8) one 10-ft. motor grader;
- (9) one 7-tooth hydraulic scarifier.

Bids were:

LOCATION "A"

R. B. Snow, Santa Maria: (a) \$2.90; (b) \$2.80.

A. Madonna and E. E. Linderman, San Luis Obispo: (a) \$2.75; (b) \$2.80.

Bradley Truck Co., Santa Maria: (a) \$3.00; (b) \$3.00.

LOCATION "B"

A. Madonna and E. E. Linderman, San Luis Obispo: (1) \$2.80.

John Fesler, Santa Maria: (5) \$3; (6) \$5; (7) \$5.50 (9) \$1 (11) \$3.50.

R. H. Beecham, San Luis Obispo: (5) \$4.00; (6) \$4.50.

R. B. Snow, Santa Maria: (1) \$2.90.

Bradley Truck Co., Santa Maria: (1) \$3.00; (2) \$4.50; (4) \$4.00.

Walter Roselip, San Luis Obispo: (5) \$4; (6) \$4.50; (11) \$4.50; (12) \$2.00.

L. A. Brisco, Arroyo Grande: (1) \$2.60; (2) \$4.50; (3) \$3.50; (4) \$3.50; (6) \$4.40; (7) \$3.50; (8) \$3.75; (9) \$5.00; (10) \$5.00; (11) \$3.00; (12) \$1.00.

L. M. Collins, Howthome: (1) \$*2.35.

LOCATION "C"

John Fesler, Santa Maria: (2) \$4.00; (3) \$4.50; (4) \$4.30; (5) \$5.50; (6) \$5.00; (7) \$1.00; (8) \$3.50.

R. H. Beecham, San Luis Obispo: (4) \$5.50; (9) \$*1.50.

Walter Roselip, San Luis Obispo: (1) \$*3.00; (2) \$5.00; (3) \$5.50; (4) \$6.50; (3) \$4.45.

* Bid irregular. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one portable combination welding unit for acetylene torch cutting and electric welding in connection with work of the Division of Highways in Orange and Los Angeles Counties on small jobs at various times and various locations, were opened by the State Highway Department, Los Angeles.

The bids were:

Beede & Bailey: acetylene torch Acetylene 1937, \$3 hour; elec. welding Lincoln Rowe or Hobart 1938, \$2.70 hour.

Jack K. Long, 5901 1/2 S. Broadway: (1) Smith 1938 \$2.85 hour; (2) U & H Housand 1937, \$2.85 hour.
 H. N. Patterson, San Juan Capistrano: (1) Victor 1937, 3.50 hour; (2) Westinghouse 1936, \$2.50 hour.
 S & D Welding Works, Long Beach 300 amp. heavy duty Lincoln 1937, \$3.00 hour; 400-amp. Schrader 1936, 3 hour; 300-amp. Hobart 1936, \$3 hour; 300-amp. Lincoln 1933, \$3 hour.

BIDS OPENED

KENDRICK PROJECT, Wyoming.
 —Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1085-D, for furnishing and delivering structural steel roof framing for the Seminoe power plant, Kendrick Project, Wyo., f.o.b. shipping point and for Parco, Wyo. Structural steel roof framing will be erected by the Government.

Bids were:
 Wendnagel & Co., Chicago, Ill., \$6,700, wt. 194,660; f.o.b. Chicago.
 Milwaukee Bridge Co., Milwaukee, Wis., \$7,188, wt. 195,000; 1/2%; f.o.b. Milwaukee.
 John W. Beam, Denver, Colo., \$8,100, wt. 192,000; 1/2%; f.o.b. Petone, Ill.
 Bethlehem Steel Co., Chicago, \$7,136, wt. 192,000; 1/2%; f.o.b. Chicago.
 Worden Allen Co., Milwaukee, \$7,136, wt. 192,000; 1/2%; f.o.b. Milwaukee.
 Hunter Steel Co., Pittsburgh, Pa., \$9,900, wt. 192,000; f.o.b. Neville Island.

Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, \$7,238, wt. 187,600; 1/2%; f.o.b. Des Moines.
 Illinois Steel Bridge Co., Jacksonville, Ill., \$7,782, wt. 190,000; 1/2%; fob Jacksonville.

Clinton Bridge Works, Clinton, Ia., \$7,995, wt. 197,000; 1/2%; f.o.b. Clinton.
 Wisconsin Bridge & Iron Co., Milwaukee, \$8,255, wt. 198,000; 1/2%; fob Milwaukee.
 Hansell-Elcock Co., Chicago, \$7,400, wt. 191,068; 1/2%; f.o.b. Chicago.
 Midland Structural Steel Co., Cicero, \$6,883, wt. 194,000; 1/2%; f.o.b. Cicero.

St. Louis Structural Steel Co., East St. Louis, Ill., \$9,049, wt. 190,000; 1/2%; f.o.b. East St. Louis.
 Duffin Iron Co., Chicago, Ill., \$7,400, wt. 196,000; f.o.b. Chicago.
 Stupp Bros. Bridge & Iron Co., St. Louis, Mo., \$6,657, wt. 194,000; f.o.b. St. Louis.

Minneapolis-Moline Power Implement Co., Minneapolis, Minn., \$7,200, wt. 185,000; f.o.b. Minneapolis.
 Bethlehem Fabricators, Inc., Bethlehem, \$9,060, wt. 198,309; f.o.b. Bethlehem; \$11,647, wt. 198,309; f.o.b. Parco.
 Lincoln Steel Works, Lincoln, Neb., \$8,077, wt. 194,000; f.o.b. Lincoln; \$9,047, wt. 194,000; f.o.b. Parco, Wyo.
 Omaha Steel Works, Omaha, Neb., \$8,223, wt. 191,859; f.o.b. Omaha.

Kansas City Structural Steel Co., Denver, Colo., \$9,696, wt. 195,000; fob Parco.
 American Bridge Co., Denver, Colo., \$5,932, wt. 169,550; f.o.b. Gary, Ind.

The Midwest Steel & Iron Works Co., Denver, Colo., \$11,360, wt. 196,000; 1/2%; f.o.b. Parco.

BIDS OPENED

BOULDER CANYON PROJECT.

—Following submitted bids to the U. S. Bur. of Reclamation, Denver, Colo., for furnishing and delivering (1) two 12-in., 300-lb. single strainers, two 12-in., 125-lb. twin strainers, six 4-in., 125-lb. 90-deg. angle strainers; (2) four 8x10-in. water-jet educators; (3) two 4-in., 300-lb. air-relief valves; (4) four 10-in., 125-lb. balanced check valves, four 12-in., 300-lb. balanced

check valves, and six 4-in., 125-lb. swing check valves for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and/or Boulder City, Nevada.

Bids were:
 The Blackburn Smith Mfg. Co., Inc., Hoboken, N. J., (1) \$7,720, wt. 10,600; disc. 1%; f.o.b. Hoboken.
 Western Foundry Co., Portland, Ore., (1) \$4,553, wt. 10,500; f.o.b. Portland.

Andale Co., Philadelphia, Pa., (1) \$3,857.50, wt. 9,540; f.o.b. Boulder City.

Davis Regulator Co., Chicago, Ill., (1) \$3,271, wt. 9,500, (3) \$315, wt. 250; (4) \$4,704, wt. 9,300; f.o.b. Boulder City.

Crane O'Fallon Co., Denver, Colo., (1) \$2,495, wt. 7,200; f.o.b. Boulder City, (2); (4) \$2,387, wt. 7,750.

Schutte & Koerting Co., Philadelphia, Pa., (2) \$9,650, wt. 13,000; f.o.b. Philadelphia.

Elliott Co., Jeanette, Pa., (1) \$3,683, wt. 10,380; f.o.b. Jeanette.
 Urquhart Service, Denver, (3) \$162.90, wt. 510; 1/2%; f.o.b. Berwick, Pa.

The Denver Fire Clay Co., Denver, Colo., (3) \$352, wt. 950; 1%; f.o.b. Boulder City.

Waterworks Supply Co., Los Angeles, Cal., (3) \$328.80, wt. 510; 2%; f.o.b. Boulder City.

CONTRACT AWARDED

OAKLAND, Cal.—Jos. Pierotti and Company, 6th and Broadway, Oakland, at \$763.65 awarded contract by the Oakland City Council, W. W. Chapman, City Clerk, City Hall, for furnishing two truck chassis for the Oakland Fire Department.

June 30, 1938

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one portable comb. welding unit for acetylene torch cutting and electric welding in connection with work of the Division of Highways in Orange and Los Angeles Counties on small jobs at various times and various locations were opened by the State Highway Dept., Los Angeles.

The bids were:
 Beebe & Bailey; acetylene torch Arco 1937, \$3 hour; electric welding Lincoln Rowe or Hobart 1938, \$2.70 hr.
 Jack K. Long, 5901 1/2 S. Broadway: (1) Smith 1938 \$2.85 hr.; (2) U. & H. Housand 1937, \$2.85 hr.
 H. N. Patterson, San Juan Capistrano: (1) Victor 1937, \$3.50 hr.; (2) Westinghouse 1936, \$2.50 hour.

S. & D. Welding Works, Long Bk.; 200-amp. heavy duty Lincoln 1937, \$3 hr.; 400-amp. Schrader 1936, \$3 hr.; 300-amp. Hobart 1936, \$3 hr.; 300-amp. Lincoln 1933, \$3 hr.
 L. S. McDonald, Lynwood: (1) Oxweld 1933, \$2.90 hr.; (2) 300-amp Westinghouse 1935, \$2.90 hr.
 J. J. Bones, Bell: (1) 1936, \$3.47 hr.; (2) 1936 \$3.45 hr.; (mounted on 1936 Chevrolet truck).

Lionel Merritt: (1) Victor 1937, \$2 hr.; (2) Lincoln 1937, \$3.25 hr.
 L. D. Webster: (1) Arco 1936, \$3 hr.; (2) Schrader, 300-amp. 1934, \$3 hour.

Cannon Bros.: (1) Victor 1938, \$2.95 hr.; (2) U. S. L. arc welder 1935, \$2.95 hr.

June 30, 1938

BIDS OPENED

SAN FRANCISCO.—Bids received by the U. S. Engineer Office, District Engineer, 401 Custom House, S. F., under Bid No. 868-38-218, for furnishing and delivering a complete conveying system, ready for assembly, consisting of tracks with a:

necessary bolts, hangers, anchors and fittings, 24 Army-type 1 1/2 ton spur gear hoists with built-in trolley, and the services of an erecting engineer.

Bids were taken as follows: (1) conveying equipment, complete; (2) erector service for 10 days, per day; (3) additional erector service, per day. The bids were:

Richards-Wilcox Mfg. Co., Aurora, Ill.: (1) \$6,650; (2) \$16.50; (3) \$13.50.

Stone-Ryals Elec. & Mfg. Co., San Francisco: (1) \$6,903; (2) \$16; (3) \$16.
 American Monorail Co., Cleveland, Ohio: (1) \$6,915; Alt. \$6,400; (2) \$15; (3) \$15.

Judson-Pacific Co., San Francisco: (1) \$8,989; (2) \$18; (3) \$18.

Bethlehem Steel Co., San Francisco: (1) \$9,148; (2) \$35; (3) \$35.

Round Calif. Chain Corp., S. F.: (1) \$9,365; (2) \$37.50; (3) \$37.50.

Bids taken under advisement.

26—RAILROADS

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$8,300, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Contract No. 175, for the reconstruction of Judah St. tracks between 18th and 20th Aves.

Total bids follow:
 Chas. L. Harney, 443 Call Bldg., San Francisco, \$8,300.
 Eaton & Smith, \$8,360.
 A. D. Shrader, \$8,900.

BIDS WANTED

SAN FRANCISCO.—Until July 7, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Contract No. 175, for the reconstruction of Judah Street tracks between 18th and 20th Avenues.

Bids previously opened have been rejected. Charles L. Harney, San Francisco, at \$8,300, submitted low bid.

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment:
 Bid No. 5620—United Pipe & Supply; \$1148.60; 2% 30; pipe and fittings.

Bid No. 5612—Thompson Lumber & Piling; \$337.50; 1% 20; Douglas fir.

Bid No. 5602—Loop Lumber Co.; \$1194; 2% 30; Douglas fir and Redwood.

Bid No. 5564—Olsen & Hefferman; \$668.04; 2% 30; plumbing supplies.

Bid No. 5610—Shell Oil Co.; \$712.
 Bid No. 5576—Pomona Pump Co.; \$1223.15; 3% 30; turbine pump.

Bid No. 5569—American Bitumels; \$187.50; net; 3000 gals. emuls. asphalt.

Bid No. 5637—Mosaic Tile Co.; \$1,596.63; 2% 20; tile.

Bid No. 5635—Pomona Tile Co.; \$476.25; 2% 20; tile.

Bid No. 5663—Mosaic Tile Co.; \$1,089.30; 2% 20; tile.

Bid No. 5638—Gladding, McBean; \$2,303.80; tile.

29—STREETS AND HIGHWAYS

LOW BIDDER

MARION AND LINN COS., Ore.—A. Mine Constr. Co., Portland, Ore., at \$80,749, submitted low bid to the U. S. Bureau of Public Roads, 316

New Post Office Bldg., Portland, for approximately 1,685 miles constructing or improving the North Santiam Highway Surfacing Project 24-C3, D4, National Forest Project, located within the Willamette National Forest, Marion and Linn Counties, Ore.

Complete bids will be published shortly. * 29

BIDS OPENED

SHASTA, Lassen and Modoc Cos., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$11,606.40, submitted low bid to the State Division of Highways. C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for about 33.4 mi. of work to be done between Route 3 and Rush Creek, in Shasta, Lassen and Modoc Counties, as follows:

LOCATION "A"—About 8.9 mi. applying seal coat 20-ft. width between Junction of Route 3 and 1½ mi. east of Bell Vista;

LOCATION "B"—About 19.3 mi. applying seal coat 20-ft. width between Hat Creek Summit and the foot of Big Valley Mountain;

LOCATION "C"—About 5.2 mi. applying seal coat 26-ft. width between Adin and Rush Creek.

Work involves:

LOCATION "A"

(1) 90 tons penetration type asphaltic emulsion;

(2) 825 c.y. screenings;

LOCATION "B"

(3) 190 tons liquid asph., ROMC-5;

(4) 1,350 c.y. sand;

LOCATION "C"

(5) 70 tons liquid asph., ROMC-5;

(6) 475 c.y. sand.

Total bids follow:

(A) Pacific Truck Service, Inc. 646 Park Ave., San Jose—\$11,606.40

(B) Hayward Bldg. Matis. Co., Hayward—\$12,576.25

(C) E. A. Forde, San Anselmo—\$14,045.50

(D) Lee J. Immel, Berkeley—\$14,970.50

(E) C. F. Fredericksen & Son, Lower Lake—\$15,536.75

(F) Acme Transportation, Inc., Oakland—\$15,716.00

Unit prices follow:

(A) (B) (C) (D) (E) (F)

(1)..... 20.00 20.25 20.58 22.50 23.00 22.60

(2)..... 3.25 3.50 4.15 3.64 5.00 4.25

(3)..... 15.64 15.50 17.21 25.00 17.50 18.60

(4)..... 1.65 2.05 2.25 2.00 2.63 3.00

(5)..... 15.64 15.50 17.21 20.00 17.25 18.50

(6)..... 1.75 2.25 2.65 2.00 2.65 2.73

* 29

BIDS WANTED

LAKE CO., Ore.—Until July 12, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.806 mi. grading, 8,605 sq. ft. surfacing, and 0.0058 mi. bridge on Fremont Highway, Grading, Surfacing and Bridge Project 31-A1, B, National Forest Road Project, located within the Fremont National Forest, Lake Co., Oregon.

Work involves:

(1) all reqd. extra and misc. force account work;

(2) 28,150 c.y. unclass. excav.;

(3) 40,000 sta. yds. special overhaul;

(4) 7,799 cu. yds. grading subgrade and shoulders;

(5) 41,700 tons dry choked stone or slag base course;

(6) 15,200 tons crusher run top course;

(7) 1,700 units watering;

(8) all reqd. providing and maintaining water plant or plants;

(9) 360 tons cutback asphalt, MC-2 grade for prime coat;

(10) 11 MFEM treated timber creosote preservation including bridge iron;

(11) 280 lin. ft. culverts (alt.);

(12) 440 lin. ft. treated timber piling;

(13) 7 MFEM laminated or strip floors, creosote preservation.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

BIDS OPENED

INYO CO., Calif.—E. S. & N. S. Johnson, P.O. Box 240, Pasadena, at \$21,960, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile to be graded and surfaced with imported surfacing material and applying penetration oil treatment and construction of a steel beam and reinforced concrete deck bridge near Camp Sabrina, Inyo County

Work involves:

(1) Clear and grub right of way;

(2) 370 M. gals. water;

(3) 14,700 c.y. rdwy. excav. unclass.

(4) 21,000 sta. yds. overhaul;

(5) 335 c.y. struc. excav.;

(6) 190 c.y. ditch excav.;

(7) 2,600 c.y. imported surf. mat.;

(8) 45 sta. finish rdwy.;

(9) 45 tons liquid asphalt, SC-1A oil treatment;

(10) 5,000 lbs. bar reinf. steel;

(11) 32 c.y. Class A Portland cement conc. struc.;

(12) 14,500 lbs. struc. steel;

(13) 110 lf. timber rail;

(14) 307 c.y. rubble masonry;

(15) 3 c.y. light riprap;

(16) 176 lf. 18-in. CMP;

(17) 52 lf. 24-in. CMP;

(18) 1 mile new property fence;

(19) 32 each drive gates;

(20) 32 each culvert markers;

(21) 30 each guide posts;

(22) 22 each monuments;

(23) 1 lot misc. items of work.

Total bids follow:

(A) E. S. & N. S. Johnson, P.O. Box 240, Pasadena—\$21,960.

(B) Basich Bros., Torrance — \$25,432.50.

(C) S. Vinnell Co., Los Angeles—\$27,348.60.

Unit prices follow:

(A) (B) (C)

(1)..... \$ 712.00 \$ 800.00 \$2000.00

(2)..... 2.50 .90 1.75

(3)..... .52 .70 .69

(4)..... .01 .01 .01

(5)..... 5.00 3.00 2.50

(6)..... 1.00 .50 1.00

(7)..... .53 .50 .75

(8)..... 8.00 10.00 20.00

(9)..... 20.00 18.00 20.00

(10)..... .07 .06 .05

(11)..... 27.50 30.00 25.00

(12)..... .10 .10 .15

(13)..... 3.00 2.00 4.50

(14)..... 10.00 18.50 14.00

(15)..... 6.00 5.00 15.00

(16)..... 1.00 .50 .70

(17)..... 1.50 .75 .70

(18)..... 700.00 600.00 600.00

(19)..... 40.00 20.00 20.00

(20)..... 2.00 2.50 2.00

(21)..... 2.00 2.00 2.00

(22)..... 5.00 4.00 3.00

(23)..... 500.00 500.00 300.00

* 29

BIDS WANTED

CALAVERAS CO., Cal.—Until July 12, 1:30 p.m., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center Street, Stockton, for about 1.8 miles surfacing with untreated crushed gravel or stone and road-mix surfacing between South Fork of Mokelumne River and Herbert's Ranch, Calaveras County, Calif.

Work involves:

(1) 600 c.y. untreated crushed gravel or stone surfacing (base);

(2) 1,550 c.y. mineral aggregate (road mixed surfacing);

(3) 6 tons liquid asphalt, SC-2 (prime coat);

(4) 89 tons liquid asphalt, SC-4 (road mixed surfacing).

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SAN FRANCISCO.—Until July 13, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 10,093, for the improvement of Bernal Avenue and Arlington St. Estimated cost, \$55,000.

Work involves:

(1) 42,550 sq. ft. asph. conc. pave. (2-inch 8-inch), including excavation;

(2) 320 tons asph. conc. wearing surface;

(2a) 460 tons asph. conc. binder;

(2b) 86 c.y. waterbound macadam base;

(3) 57,650 sq. ft. asph.-conc. pave. (2-inch to 6-inch), including excavation;

(4) 2,400 lin. ft. concrete curb (unarmored);

(5) 23,650 sq. ft. concrete sidewalk (two-course);

(6) 4,600 sq. ft. asph.-conc. sidewalk 1-inch;

(7) 600 lin. ft. concrete coping (white);

(8) 13 c.y. conc. (class A);

(9) 112 c.y. conc. (class B);

(10) 8,500 lbs. reinf. steel;

(11) 136 lin. ft. pipe railing;

(12) 280 lin. ft. wood bulkhead;

(13) 420 lin. ft. wood guard rail;

(14) 3,300 lin. ft. remove wire fence;

(15) 3,300 lin. ft. paint existing coping 1-inch;

(16) lump sum, raising and reconditioning electroliters;

(17) lump sum, raising and reconditioning junction and pull boxes;

(18) lump sum, new street lighting conduits;

(19) lump sum, slide repairs;

(20) 4 each, repair and raise manholes;

(21) 3 each, repair and raise catch-basins;

(22) 230 lin. ft. 18-in. VCP sewer;

(23) 500 lin. ft. 12-in. VCP sewer;

(24) 220 lin. ft. 10-in. VCP culvert;

(25) 100 lin. ft. 6-in. VCP side sewer;

(26) 7 each, 18-in. by 6-in. VCP Y or T branches;

(27) 1 each, 8-light warning reflector;

(28) lump sum, detour signs;

(29) 1,250 sq. ft. 6-in. concrete pavement;

(30) 1,440 lin. ft. combined concrete curb and gutter (white);

(31) 340 lin. ft. combined concrete coping and gutter (white);

(32) 5,700 sq. ft. roughening sidewalk.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. * 29

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until July 20, 2:30 P. M., bids will be received by Constructing Quartermaster, Sacramento Air Depot, for construction and completion of Asphaltic Concrete Wearing Surface for runways at the Sacramento Air Depot, Sacramento. Est. cost, \$50,000.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS WANTED

FERRY CO., Wash.—Until July 13, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for approximately 1,055 miles grading and 0.879 miles advance clearing the Republic-Kettle Falls, Grading and

Advance Clearing Project 20-F, National Forest Road Project, located within the Colville National Forest, Ferry County, Wash.

- Work involves:
- (1) All reqd. extra and misc. force account work;
 - (2) 20 acres clearing;
 - (3) 9 acres grubbing;
 - (4) 66,150 c.y. unclass. excav.;
 - (5) 3 acres roadside cleanup;
 - (6) 1,055 mi. finishing earth graded road;
 - (7) 490 lf. culverts (alternate).
- Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

BIDS WANTED

KLIKICKIAT CO., Wash.—Until July 12, 10 A. M., bids will be received by the S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for approximately 6.818 miles of reconstruction surfacing and 1.703 miles surfacing aggregate production on Mt. Adams Highway, Project 17-A4, BE, C, National Forest Road Project, located within the Columbia National Forest Klickitkat County, Wash.

- Work involves:
- (1) 6,805 miles fine grading of sub-grade and shoulders;
 - (2) 9,400 tons of heavy base course, 1½-in. material;
 - (3) 9,300 tons do, 3-inch material in stockpiles;
 - (4) 3,800 tons do, 1½-in. do;
 - (5) 13,500 tons crusher run top course
 - (6) 4,700 tons crusher run top course in stockpiles;
 - (7) 1,200 units watering;
 - (8) 290 tons cutback asphalt, MC-2 grade, for prime coat;
 - (9) 200 c.y. bituminous mixture in stockpiles.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS WANTED

YERBA BUENA SHOALS.—Until July 11, 3:00 P.M., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 147-2, for stabilized pavements.

Plans and specifications may be obtained from the above office after June 27, 2 p.m. * 29

BIDS WANTED

YERBA BUENA SHOALS.—Until July 8, 3 p.m., bids will be received by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 147-1, for rock base pavements.

Plans and specifications may be obtained from the above office after June 24, 2 p.m. * 29

CONTRACT AWARDED

SAN FRANCISCO.—Love & Haun, 4354 20th St., San Francisco, at \$527,500, awarded contract by the Department of Public Works, Room 251, City Hall, for construction of safety island at Fifth St. approach to Bay Bridge, San Francisco. * 29

BIDS WANTED

INYO CO., Cal.—Until July 8, 1:00 p.m., bids will be received by the Inyo County Board of Supervisors, Dora Merithew, Clerk, Independence, for furnishing, delivering and spreading 45,000 gals. of SC-3 road oil, temp. 150° F., on the streets of Lone Pine, in Road District No. 4, Inyo County.

Plans and specifications may be obtained from the above office. * 29

BIDS OPENED

SACRAMENTO, Cal.—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$27,559.32, submitted low

bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of way, avenue, street, boulevard, alley and rights-of-way in and adjacent to "Land Park Tract No. 2" in the City of Sacramento.

Total bids follow:
 A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, \$27,559.32.
 J. R. Reeves, Sacramento, \$29,801.07.
 McGillivray Constr. Co., Sacramento, \$30,520.37. * 29

CONTRACT AWARDED

LINCOLN CO., Nev.—Geo. French, Jr., P.O. Box 107, Stockton, Calif., at \$41,248.80, submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 25.06 miles of construction of Class B-1 road-mix bituminous surface on a portion of the State Highway system from Pony Springs to the Lincoln White Pine County Line, Route 7, Sections D2 and 3, Lincoln County, Nevada.

J. C. Compton, McMinnville, Ore., at \$42,698, submitted second low bid. Complete bids will be published shortly. * 29

CONTRACT AWARDED

WHITE PINE CO., Nev.—George French, Jr., P.O. Box 107, Stockton, Cal., at \$46,946.90, submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 26.97 miles construction of Class B-1 roadmix bituminous surface on a portion of the State Highway system from Lincoln-White County Line to the east foot of Connor's Pass, Route 7, Sections A1, A2 and A3, White Pine County.

A. S. Winnell Co., Alhambra, at \$48,695.20, submitted second low bid. Complete bids will be published shortly. * 29

CONTRACT AWARDED

WASHOE CO., Nev.—Isbell Construction Co., Reno, Nevada, at \$20,551.50, submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Building, Carson City, Nevada, for approximately 22.50 miles construction of roadmix bituminous surface on a portion of the State Highway system from ten miles north of Reno to Pyramid Lake, Route 33, Section, Washoe Co., Nevada.

Dodge Constr. Co., Inc., Fallon, at \$22,461, submitted second low bid. Complete bids will be published shortly. * 29

LOW BIDDER

GRANT CO., Ore.—A. C. Greenwood & Co., Inc., Portland, Ore., at \$57,564.50, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for constructing and improving approximately 3,832 miles of the Pendleton-John Day Highway, Reconstruction Grading and Surfacing Project 3-A1, National Forest Road Project, located within the Malheur National Forest, Grant Co.

Complete bids will be published shortly. * 29

LOW BIDDER

LAKE CO., Ore.—McNutt Bros., Eugene, Ore., at \$72,664.40, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for 2,961 miles of grading and 4,577 miles surfacing the Klamath Falls-Lakeview High-

way, reconstruction grading and surfacing Project 30-B1, C, National Forest Road Project, located within the Fremont National Forest, Lake Co.

Complete bids will be published shortly. * 29

BIDS WANTED

HUMBOLDT COUNTY, Nev.—Until July 7, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the construction of approximately 7.20 miles of highway system, from west foot of Golconda Summit to east foot Golconda Summit, Route 1, Sections C1 and C2, Humboldt County, Nev.

- Work involves:
- (1) 80 hours 75-h.p. crawler type tractor;
 - (2) 56 hours 75-h.p. tractor with power scraper;
 - (3) 80 hours 10-ft. blade grader;
 - (4) 200 hours motor grader with scarifier;
 - (5) 200 hours 1½-ton truck;
 - (6) 56 hours 75-h.p. tractor with bulldozer or angledozer.

- (7) force account, special detours;
- (8) 10,925 tons selected detour surfacing;
- (9) 24,989 ton mi. haul do;
- (10) 272 lf. remove culvert pipe;
- (11) 18 each remove headwalls;
- (12) 85,780 sq. yd. remove and stockpile rdymix surf.;
- (13) 136,897 c.y. rdwy. excav.;
- (14) 1,565 c.y. drainage excav.;
- (15) 55 sta. "V" type ditches;
- (16) 245 sta. slope rounding;
- (17) 25,234 yd. sta. overhaul;
- (18) 3,195 yd. mi. overhaul;
- (19) 1,160 c.y. struc. excav.;
- (20) 1,350 c.y. backfill;
- (21) 7.20 miles subgrade, Type B;
- (22) force account, roadside cleanup;
- (23) 4,696 M. gals. water;
- (24) 36,456 tons Type 1 gravel base;
- (25) 32,471 tons type 2, gravel base (1½-in. size);

- (26) 204 tons liquid asphalt, type SC-1A (prime);
- (27) 76 tons do, type MC2 (seal);
- (28) 610 tons do, type SC2 (road-mix)
- (29) 7.20 miles roadmix;
- (30) 4.85 miles roadmix (detours);
- (31) 5,612 c.y. salvage aggregate;
- (32) 342 c.y. Class A concrete;
- (33) 19 c.y. Class B concrete;
- (34) 36,235 lbs. reinf. steel;
- (35) 120 lf. 15-in. corr. metal pipe (prime) do;
- (36) 558 lf. 18-in. do;
- (37) 460 lf. 24-in. do;
- (38) 202 lf. 30-in. do;
- (39) 106 lf. 36-in. do;
- (40) 39 lf. relay culvert pipe;
- (41) 47 c.y. grouted hand laid rip-rap;
- (42) 41 each move pipe culvert headwalls;
- (43) 1,550 lf. beam type metal guard rail;
- (44) 80 each culvert markers;
- (45) each guide posts;
- (46) 95 each monuments.

Plans and specifications may be obtained from State Highway Engineer Robert A. Allen, Carson City, Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon deposit of \$10.00, of which \$5.00 will be refunded. * 29

LOW BIDDER

LOS ANGELES, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$108,389.55 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for 4.6 miles of grading and surfacing with plant-mixed surfacing between 190th St. and Lomita Blvd., in Los Angeles County.

Complete bids will be published shortly. 29

BIDS OPENED

STATE OF WASHINGTON.—The following bids were received and contracts awarded by Lacey V. Murrow, Director of Highways, Olympia, Wash., for bridge and highway construction:

Wahkiakum County: Constructing an approach to the Puget Island Bridge, PWA Project \$195-DS, Unit No. 3.

Bids: Parker-Schram Co., Couch Bldg., Portland, Sch. 1, Alt. A, \$107, 224; Alt. B, \$117,221; Sch. 2, Alt. A, \$110,916; Alt. B, \$113,511; Gulf Construction Co., Henry Bldg., Portland, Sch. 1, Alt. A, \$114,726, Alt. B, \$113, 726; Sch. 2, Alt. A, \$114,209; Alt. B, \$114,655.

Grant County: Clearing, grading, draining, surfacing and constructing a reinforced concrete T-beam bridge, a reinforced concrete and steel undercrossing and a temporary shoofly pile and timber bridge on about 3.3 miles Primary State Highway 7, Stratford vicinity, FAP 219-C (No. 1) and FAGH 219-D (No. 1).

Awarded: Goetz & Brennan, 914 Seaboard Bldg., Seattle, \$134,002.

Other bidders: Roy L. Bair, Spokane, \$139,931; H. Hagman, Cashmere, \$140,158; Sather & Sons, Seattle, \$140,619; Acme Const. Co., Seattle, \$153,569; Clifton & Applegate, Spokane, \$153,870; Colonial Const. Co., Spokane, \$158,881; Macri Bros., Seattle, \$186,393; M. P. Butler, Seattle, \$171,586; Erickson Paving Co., Seattle, \$180,935.

Clallam County: Clearing, grading, draining, surfacing and constructing a steel truss bridge with reinforced concrete approach spans on about 1.6 miles Primary State Highway 9, Calawah River Bridge and approaches, FAP 170-F (1).

Awarded: Macri Bros., 1909 Atlantic St., Seattle, \$132,539.

Other bidders: Allen and Govan, Olympia, \$137,004; West Coast Const. Co., Seattle, \$137,896; M. P. Butler, Seattle, \$139,337; M. L. Erickson, Seattle, \$144,480.

King County: Clearing, grading, draining, surfacing and constructing a steel truss bridge with reinforced concrete approach spans on about 0.1 miles of Primary State Highway 15, Skomish River Bridge, FAP 139-F (No. 3).

Awarded: Toney Romano, 1832 Dearborn St., Seattle, \$73,105.

Other bidders: American Pile Driving Co., Everett, \$73,446; A. C. Greenwood Co., Inc., Portland, \$73,862; Macri Bros., Seattle, \$75,907; C. L. Creelman, Seattle, \$75,908.

Spokane County: Grading, draining, surfacing and constructing a reinforced concrete and steel undercrossing, construction R. R. shoofly trestle and construction of bituminous surface treatment, plant-mix type, on about .05 mi. of county road N. P. R. R. Co. undercrossing at Moab, FAGS 28-A (1).

Awarded: Chas. A. Power, E 27 Eighth Ave., Spokane, \$25,041.

Other bidders: Sather & Sons, Seattle, \$26,109; Roy L. Bair, Spokane, \$26,914; Alloway & Georg, Spokane, \$29,061; Clifton & Applegate, Spokane \$28,953; George F. Price, Dayton, \$33,897; Colonial Const. Co., Spokane \$34,646.

Whitman County: Clearing, grading, draining, surfacing and stockpiling crushed stone surfacing on 2.2 mi. of Secondary State Highway 3-F, Colfax to Palouse, FAS 17-A (1).

Awarded: Clifton & Applegate, 526 Hutton Bldg., Spokane, \$34,078.

Other bidders: F. R. Hewett, Spokane, \$34,373; Roy L. Bair, Spokane, \$34,862; Erickson Paving Co., Seat-

tle, \$41,886; Goetz & Brennan, Seattle, \$46,011.

King County: Clearing, grading, draining, surfacing, manufacturing and stockpiling crushed stone surfacing materials and millings, aggregate (oil rock) and construct treated pile and timber trestle on 13 miles of Secondary State Highway 15-B, Falls City to Duvall and Duvall N, FAS 39-A (1).

Awarded: Fiorito Bros., Inc., 1100 Leary Way, Seattle, \$67,836.

Other bidders: L. J. Dowell, Inc., Seattle, \$71,646; Northwest Const. Co., Seattle, \$75,755; Thos. Scalzo, Seattle, \$85,148.

Skagit and Island Counties: Construction bituminous surface treatment, roadmix type, Class B and light bituminous surface treatment on 14.2 miles of Secondary State Highway 17-A, Section 1, City of Hamilton and Birdsview to Rockport, State Project: construction of light bituminous surface treatment on 12.5 miles of Secondary State Highway 1-B, Sec. 2, Columbia Beach to Keystone, State Proj.; clearing, grading, surfacing, constructing bituminous surface treatment, roadmix type, Class B, on 3.3 miles of Secondary state Highway, 1-D, Oak Harbor to Deception Pass, FAS 242-D (1).

Awarded: Diesel Oil Sales Co., 2155 Northlake, Seattle, \$69,508.

Other bidders: Washington Asphalt Co., Seattle, \$72,788; J. F. Forbes, Olympia, \$73,168.

King and Snohomish Counties: Construction of light bituminous surface treatment on 26.5 miles of secondary State Highway 1-I from junction to Primary State Highway 1 to Mukilteo; No. 1-V, Pierce Co. line to Des Moines; No. 5-B, Berrydale to Auburn; 5-D, Kits Corner to Pierce County line, State Project.

Awarded: J. F. Forbes, Olympia, \$22,753.

Other bidders: Diesel Oil Sales Co., Seattle, \$22,089; Washington Asphalt Co., Seattle, \$24,028.

Kitsap, Pierce and Mason Counties: Construction of bituminous surface treatment non-skid seal, on about 56.9 miles of Primary State Highways; No. 14, Junction Primary State Highway 9 to Belfair, Port Orchard to Gig Harbor and Port Orchard to Harper and No. 21, Bremerton to Keyport, State Project.

Awarded: Warren Northwest, Inc., P. O. Box 5072, Portland, \$24,823.

Other bidders: Washington Asphalt Co., Seattle, \$28,098; R. O. Dail and Warren Bros., Inc., Portland, \$28, 935; Diesel Oil Sales Co., Seattle, irregular; J. F. Forbes, Olympia, \$27,051. 29

BIDS WANTED

HUMBOLDT CO., Nev.—Until July 7, 2 p.m., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Building, Carson City, Nevada, for approximately 0.46 mile of roadside improvement from the intersection of Giroux and Melarkey Streets to the Intersection of Melarkey Street and Paradise Avenue, Route 8, Section A1, in the City of Winnemucca, Humboldt Co., Cal.

Work involves:
(1) 4,650 lf. 2-in. water pipe;
(2) 500 lf. 3-in. water pipe;
(3) 65 each, outlets.

Plans and specifications may be obtained from Robert A. Allen State Highway Engineer, Carson City, Nevada, and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, \$5.00 of which will be refunded. 29

CONTRACT AWARDED

WASHOE CO., Nev.—Isbell Constr. Co., Reno, Nevada, at \$20,551.50, submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for approximately 22.50 miles construction of a roadmix bituminous surface on a portion of the State Highway system from 10 miles north of Reno to Pyramid Lake, Route 33, Section, Washoe Co., Nevada.

Work involves:
(1) 1122 tons liq. asph., type SC2;
(2) 22.50 mi. roadmix.

Total bids follow:
(A) Isbell Constr. Co., Reno—\$20, 551.50.
(B) Dodge Constr., Inc., Fallon—\$22, 461.00.
(C) U. B. Lee, San Leandro—\$22, 464.00.
(D) Silver State Constr. Co., Inc., Fallon—\$22,580.00
(E) A. Casson, Hayward—\$23,922.
(F) J. C. Compton, McMinnville, Oregon—\$24,708.
(G) C. F. Fredericksen & Sons, Lower Lake—\$24,708.

Unit prices follow:
(1) (2)
(A)..... \$12.00 \$315.00
(B)..... 13.00 350.00
(C)..... 12.00 400.00
(D)..... 15.00 300.00
(E)..... 13.50 390.00
(F)..... 14.00 400.00
(G)..... 14.00 400.00

CONTRACT AWARDED

LINCOLN CO., Nev.—Geo. French, Jr., P.O. Box 107, Stockton, at \$41, 248.80, submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 25.06 mi. of construction of Class B-1 roadmix bituminous surface on a portion of the State Highway system from Pony Springs to the Lincoln-White Pine County Line, Route 7, Sections D2 and 3, Lincoln Co., Nevada.

Work involves:
(1) 252 tons liq. asph., type RC-2 (seal);
(2) 1970 tons liq. asph., type SC-2 (roadmix);
(3) 25.06 ml. roadmix;
(4) 284 culvert markers.

Total bids follow:
(A) Geo. French, Jr., P.O. Box 107, Stockton, Cal.—\$41,248.80.
(B) J. C. Compton, McMinnville, Oregon—\$42,598.00.
(C) U. B. Lee, San Leandro, Cal.—\$43,710.50.
(D) A. S. Vinnell Co., Alhambra—\$15,054.60.
(E) Dodge Constr., Inc., Fallon—\$46,136.
(F) W. W. Clyde & Co., Springville, Utah—\$47,784.
(G) J. M. Sumsion, Springville—\$48, 638.60.
(H) C. F. Fredericksen & Sons, Lower Lake, Cal.—\$48,657.
(I) J. A. Casson, Hayward—\$50,588.

Unit prices follow:
(1) (2) (3) (4)
(A)..... \$17.40 \$13.90 \$350.00 \$2.50
(B)..... 17.50 14.50 350.00 3.00
(C)..... 18.50 14.25 400.00 3.00
(D)..... 18.00 14.50 460.00 1.50
(E)..... 18.75 15.50 400.00 3.00
(F)..... 19.00 16.00 400.00 3.00
(G)..... 18.30 16.00 450.00 2.25
(H)..... 22.00 16.40 350.00 3.00
(I)..... 20.00 17.60 400.00 3.00

BIDS WANTED

ELKO CO., Nev.—Until July 19, 2 p.m., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and placing base

course on 11,560 miles, Section D, of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, and Section A of Federal Lands Highway Project 16, Elko Co., Nevada.

Work involves:

- (1) 62.0 acres clearing;
- (2) 62.0 acres grubbing;
- (3) 154,500 c.y. unclass. excav.;
- (4) 990 c.y. unclass. excav. for structures;
- (5) 167,300 sta. yds. overhaul;
- (6) 30 c.y. foundation fill;
- (7) 22,500 l.f. furrow ditches;
- (8) 2,500 M. gals. watering;
- (9) lump sum water plant or plants for project;
- (10) 45,700 tons Type 1 selected borrow base course;
- (11) 26,800 tons Type 2 graded crushed gravel base course;
- (12) 43 c.y. concrete;
- (13) 1,650 lbs. reinf. steel;
- (14) 3,154 l.f. corr. galv. sheet metal pipe;
- (15) 54 lin. ft. 8-in. perforated C.S.M. pipe underdrain;
- (16) 12 sq. yds. mortar backfill seal;
- (17) 1 each, drop inlet;
- (18) 1 each, reinforced concrete inlet covers;
- (19) 43 each, right-of-way monuments.

Plans and specifications may be obtained from the above office upon deposit of \$10. * 29

CONTRACT AWARDED

FRESNO CO., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$116,377, awarded contract by the State Division of Highways, District Engineer, Public Works Bldg., Sacramento, for grading and surfacing with asphalt concrete about 2.1 miles at Selma, Fresno County. * 29

BIDS WANTED

HUNTINGTON PARK, L. A. Co., Calif.—Until July 5, 5 p.m., new bids will be received by Huntington Park City Council for improvement of Salt Lake Ave. between Florence Ave. and Otis St., a length of approximately 3814 lin. ft.

The work involves:

- (1) 4,421 sq. ft. grading;
- (2) 142,000 sq. ft. fine grading rolled for asphalt;
- (3) 126,468 sq. ft. asphalt conc. pave. (0.6 ft. asphalt conc., 0.43 ft. base and level course; 0.17 ft. asphalt conc. type B surf.; total 5961 tons);
- (4) 3620 l.f. heavy curb, one sq. ft. end area;
- (5) 3600 l.f. portland cement concrete gutters, 1.8 sq. ft. end area;
- (6) 137,304 sq. ft. scarifying and pulverizing macadam pave; blade to side of road, excav., grading special pulverized material to new (864 c.y.);
- (7) 3728 l.f. removing present curb from west side of street (138 cu. yds.);
- (8) storm drain extension in accordance with Sec. 54, Standard Specifications; reinf. conc. culvert; plain concrete pipe; 2 ft. man-holes; raise 9 manhole rings and covers to new grade.

W. P. Mahood, city clerk; H. E. Robinson, city engineer.

Bids received June 6 were rejected. L. -- Paving Co. was low bidder at that time at a figure of \$20,892.93 * 29

CONTRACT AWARDED

WHITE PINE COUNTY, Nevada.—George French, Jr., P. O. Box 107, Stockton, at \$46,946.90 submitted low bid and was awarded contract by the Nevada Directors of the Department of Highways, Heroes' Memorial Bldg.

Carson City, for approximately 26.97 miles construction of Class B-1 road-mix bituminous surface on a portion of the State Highway system from Lincoln-White Pine County line to east foot of Connor's Pass, Route 7, Sections A1, A2, and A3, White Pine County. Work involves:

- (1) 271 tons liquid asphalt, type RC-2 (seal);
- (2) 2140 tons do, type SC-2 (ready-mix);
- (3) 2637 miles roadmix;
- (4) 253 culvert markers.

Total bids follow:

- (A) George French, Jr., P. O. Box 107, Stockton, \$46,946.90.
 (B) A. S. Vinnell Co., Alhambra, \$48,695.20.
 (C) U. B. Lee, San Leandro, \$51,210.00.
 (D) J. C. Compton, McMinville, \$52,815.00.
 (E) Dodge Const., Inc., Fallon, \$52,815.00.
 (F) W. E. Clyde & Co., Springville, \$53,885.00.
 (G) C. F. Fredericksen & Sons, Lower Lake, \$55,326.50.
 (H) J. M. Sumsion, Springville, \$56,232.15.
 (I) Oilfields Trucking Co., Bakersfield, \$57,360.41.
 (J) J. A. Casson, Hayward, \$59,471.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$18.40	\$14.90	\$350.00	\$2.50
(B)	18.00	14.50	460.00	1.50
(C)	20.00	16.00	400.00	3.00
(D)	19.00	16.50	400.00	3.00
(E)	20.00	16.75	400.00	3.00
(F)	20.00	17.25	400.00	3.00
(G)	22.00	17.70	400.00	2.75
(H)	19.65	17.85	450.00	2.25
(I)	21.61	18.04	450.00	3.00
(J)	20.00	18.60	500.00	3.00

BIDS WANTED

ELKO COUNTY, Nev.—Until July 19, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 10,132 miles placing base course on Sections A, B and C of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko Co., Nev.

Work involves:

- (1) 275 c.y. unclass. excav. for struc.
- (2) 10,132 miles fine grading sub-grade and shoulders;
- (3) 3,000 M. gals. watering;
- (4) lump sum water plant or plants for project;
- (5) 21,000 tons selected borrow base course;
- (6) 52,800 tons crushed gravel base course;
- (7) 108 l.f. corr. galv. sheet metal pipe;
- (8) 1 each corr. galv. sheet metal elbow;
- (9) 646 l.f. perforated CSM pipe underdrain;
- (10) 150 sq. yds. mortar backfill seal.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

CONTRACT AWARDED

FLUMAS, LASSEN AND MODOC COS., Calif.—Harms Bros., Litchfield, at \$24,347, awarded contract by the Division of Highways, Public Works Bldg., Sacramento, for about 44.7 miles work in Plumas, Lassen and Modoc Counties. * 29

BIDS OPENED

LAKE CO., Oregon.—McNutt Bros. Eugene, Ore., at \$72,664.40, submitted low bid and was recommended for award by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for 2,961 miles of grading and 4,577 miles of surfacing the Klamath Falls-Lakeview High-

way, reconstruction grading and surfacing Project 30-B1, C, National Forest Road Project, located within the Fremont National Forest, Lake County.

Total bids follow:

- McNutt Bros, Eugene \$72,664.40
 E. C. Hall Co., Eugene 75,593.40
 C. A. Dunn, Klamath Falls, 76,602.40
 A. C. Greenwood Co., Inc.,
 Portland 86,226.20
 A. Milne, Portland 95,544.20

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 29

BIDS OPENED

GRANT CO., Ore.—A. C. Greenwood & Co., Inc., Portland, Ore., at \$57,564.50 submitted low bid and was recommended for award by The U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving approximately 3,832 miles of the Pendleton-John Day Highway, Reconstruction Grading and Surfacing Project 3-A1, National Forest Road Project, located within the Malheur National Forest, Grant County.

Total bids follow:

- A. C. Greenwood & Co., Inc.,
 Portland \$57,564.50
 McNutt Bros., Eugene 59,521.00
 F. C. Dillard, Medford 59,983.50
 Carl Nyberg, Yardley, Wash. 63,069.25
 Leonard & Slate, Multnomah 65,294.00
 George F. Price, Dayton 74,548.00
 Joplin & Eldon, Portland 79,013.75

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 29

BIDS WANTED

TULARE COUNTY, Calif.—Until July 19, 2 P. M., bids will be received by the Tulare County Board of Supervisors, Gladys Stewart, Co. Clerk, Court House Bldg., Visalia, for construction of a reinforced concrete approach to existing concrete bridge across Tule River and two 3-ft. by 10-ft. reinforced concrete culverts, located between the north one-fourth corner of Section 26, T 21 S R 28 E.M.D.B. & M. and north one-fourth corner of Section 25, approximately 7 miles east of Porterville, Tulare County.

Work involves:

- (1) 385.35 c.y. Class A Portland cement concrete;
- (2) 637.00 c.y. struc. excavation;
- (3) Removal of wooden approach.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$3,828.96 submitted low bid and was awarded contract by the San Jose City Council, John F. Lynch, City Clerk, City Hall, San Jose, for the improvement of portions of 20th Street from the northerly lie of Julian Street to the southerly lie of Washington St., San Jose.

Work involves:

- (1) 26,065 sq. ft. paving;
- (2) 252.25 sq. ft. gutter;
- (3) 101.8 lin. ft. curb;
- (4) 509 sq. ft. sidewalk;
- (5) 180 l.f. VP house sewer laterals.

Total bids follow:

- (A) Union Paving Co., 212 Babcock Bldg., San Francisco, \$3,828.96.
 (B) A. J. Raisch, San Francisco, \$4,174.82.

Unit prices follow:

	(A)	(B)
(1)	\$0.13 1/2	\$.15
(2)	0.19	\$.24
(3)	0.45	.50
(4)	0.16	.14 1/2
(5)	0.75	.50

BIDS WANTED

KINGS CO., Cal.—Until July 20, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles grading and paving with asphalt concrete between Armona and Hanford, Kings County, Calif.

Work involves:

- (1) clear and grub;
- (2) 1800 M. gals. water;
- (3) 7,000 c.y. roadway excavation, without classification;
- (4) 600 c.y. struc. excav.;
- (5) 12,000 sta. yds. overhaul;
- (6) 49,700 c.y. import borrow;
- (7) 3,300 c.y. import surf. matl.;
- (8) 240 c.y. existing concrete removed and disposed of;
- (9) 27,600 sq. yds. preparing sub-grade;
- (10) 161 sta. finish roadway;
- (11) 400 tons min. agg. plant-mix surf.;
- (12) 40 tons liq. asph., SC-4 (plant-mix surf.);
- (13) 265 tons liq. asph., SC-4 (road-mix surf. treat.);
- (14) 32,500 sq. yds. preparing, mixing and shaping shoulders and road approaches;
- (15) 34,500 sq. yds. asph. paint binder;
- (16) 13,965 tons asph. conc.;
- (17) 1,010 c.y. portland cement conc. base;
- (18) 6,500 lbs. bar reinf. steel;
- (19) 4,000 lbs. struc. steel;
- (20) 75 c.y. class A portland cement concrete structures;
- (21) 378 lf. 12-in. standard reinf. conc. pipe;
- (22) 138 lf. 18-in. stand. reinf. conc. pipe;
- (23) 156 lf. 24-in. stand. reinf. conc. pipe;
- (24) 82 lf. 8-in. CMP;
- (25) 8 each, spillway assemblies;
- (26) 20 c.y. class A portland cement concrete curbs, gutters and sidewalks;
- (27) 120 lf. timber railing;
- (28) 20 each, culvert markers;
- (29) 17 miles property fence moved and reset;
- (30) 1,600 sq. yds. planing existing pavement;
- (31) 40 each, monuments, complete, in place.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SAN MATEO CO., Cal.—Until July 22, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., San Francisco, for about 1.3 miles grading between Skyline Blvd. and La Honda, San Mateo Co., Calif.

Work involves:

- (1) 1,450 M. gals. water;
- (2) 165,000 c.y. roadway excavation, without classification;
- (3) 2,900 c.y. rock backfill;
- (4) 578,000 sta. yds. overhaul.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 29

BIDS OPENED

SACRAMENTO, Calif.—Manuel Smith, 588 22nd St., Oakland, at \$687.92, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of the right-of-way along the rear of Lots 2501 to 2514 in "Oak Terrace" in the City of Sacramento.

Total bids follow:

Manuel Smith, 588 22nd St., Oakland, \$687.92.
J. W. Terrell, Sacramento, \$703.37.
Holdener Constr. Co., Sacramento, \$737.10. * 29

30—RESERVOIRS & DAMS

COMPLETE BIDS

WAHKIAKUM CO., Wash.—The Gilpin Construction Co., Portland, Ore., at \$42,816, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, Oregon, under Bid No. 608-38-627, for construction of approximately 1,635 lf. of pile and stone dikes in Columbia River at five different sites on the south bank of Puget Island in the vicinity of Welcome Slough, and located in Diking District No. 1, about 40 miles above mouth of the Columbia River, Wahkaikum County, Wash.

Work involves:

- (1) 43,250 lf. piles, in place;
- (2) 24 MFBM lumber, in place;
- (3) 8,800 lbs. hardware, in place;
- (4) 2,500 c.y. stone riprap, in place;
- (5) 12,900 c.y. stone, dumped, in place.

Total bids follow:

- (A) The Gilpin Constr. Co., Portland—\$42,816.
- (B) Columbia Contract Co., Portland—\$44,719.25.
- (C) Parker-Schram Co., Portland—\$44,749.50.
- (D) Makela Constr. Co., Astoria—\$45,215.
- (E) The Mirene Co., Portland—\$52,673.25.
- (F) Contracting Officer's estimate—\$57,366.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$0.26	\$0.245	\$0.25	\$0.24	\$0.38½	\$0.36
(2)	60.00	58.00	70.00	55.00	45.00	90.00
(3)	.06	.065	.07	.10	.07	.10
(4)	2.30	2.91	2.60	3.00	2.90	2.92
(5)	1.85	1.93	1.95	1.95	2.10	2.44

CONTRACT AWARDED

CLATSOP CO., Ore.—The Gilpin Constr. Co., Portland, at \$171,756.85, awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, Ore., under Bid No. 698-38-608, for rebuilding and enlarging existing levees, construction of new levees, placing rock riprap, removal of 26 existing tide boxes, construction of 14 wood stave pipe tide boxes with automatic drainage gates, excavation and reconstruction of approximately 12,242 lf. drainage ditches, driving of steel sheet piling and the construction, if necessary, of pile bulkheads, situated in City of Warrenton Diking Districts Nos. 1, 2 and 3, Clatsop Co., Oregon. * 30

BIDS OPENED

VINITA, Okla.—Massman Constr. Co., Kansas City, Mo., at \$3,222,960, submitted the low bid to the Grand River Dam Authority, Vinita, Okla., for the construction of the Pensacola Dam and power house, Contract No. 7, a multiple arch dam approximately 150 ft. maximum height involving about 1,250,000 cu. yds. earth work and 480,000 cu. yds. concrete.

The other bids were:

Central Eng. Co. and McCarthy Imp. Co., Davenport, Ia., \$9,784,569.
J. F. Shea Co., Los Angeles and associated firms as follows: MacDonald & Kahn, Ltd., San Francisco; Morrison-Kundsen Co., Boise, Ida.; Utah Const. Co., Ogden; General Construction Co., Seattle; Pacific Bridge Co., San Francisco, and H. J. Kaiser Co., Oakland, \$10,183,740.

W. E. Callahan Const. Co. and Gunther & Shirley, Omaha, Neb., and Los Angeles, \$10,350,130.
Duro Corp., Pittsburgh, Pa., \$10,464,250.

United Const. Co., \$10,678,954.99.
Griffith Co. and D. W. Thurston, Los Angeles, \$10,984,358.

Pencole Const. Co., New York, \$11,002,140.

Mason - Walsh-Atkinson-Kier, Mason City, Wash., \$12,705,675.
Engineers estimate, \$9,341,200.
Complete unit prices on file at the office of Daily Pacific Builder, 465 10th St., San Francisco. * 30

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SAN FRANCISCO.—M. J. Lynch, 1435 Church St., San Francisco, at \$925, awarded contract by the Dept. of Public Works, Room 251, City Hall, for replacing 15-inch VCP sewer with 21-inch VCP sewer in portion of block of Douglas St., betw. 18th St. and Caselli Ave. * 32

33—WATER WORKS

BIDS WANTED

ELDRIDGE, Sonoma Co., Calif.—Until July 19, 2 P. M., bids will be received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for the erection and completion of water development system, Sutfenfield Dam, at the Sonoma State Home, Eldridge.

The water development system consists of a rolled earth filled dam to be known as Sutfenfield Dam, together with a concrete outlet tower, steel footbridge, concrete spillway, concrete and cast iron piping, pumps and other misc. items as follows:

- (1) 7700 c.y. excav., for dam, dike and spillway;
- (2) 4500 c.y. excav., for dam cutoff trench;
- (3) 1200 c.y. hand excav. for trenches and structures;
- (4) 74,000 c.y. earthfill in embankments material from borrow pits
- (5) 4100 c.y. earthfill in dam cutoff trench;
- (6) 2800 c.y. earthfill in embankments, material from required excavation;
- (7) 350 c.y. backfill in trenches and around struc.;
- (8) 3500 c.y. gravel and or rock blankets on dam and dike;
- (9) Reinforced concrete spillway;
- (10) 2600 sq. ft. gunite lining or concrete paving in spillway waste channel;
- (11) Reinforced concrete outlet tower complete;
- (12) Reinforced conc. encasement and collars for 12-in. outlet pipe;
- (13) 12-in. reinf. conc. outlet pipe and valve box;
- (14) 10-in. do outlet box;
- (15) 10-in. cast iron water supply pipe line and two pumps com.;
- (16) bridge from dam to tower com.;
- (17) plain and reinf. conc. in place, per c.y.;
- (18) reinf. conc. in place, per c.y.

NOTE: The foregoing quantities are approximately only, being given as a basis for the comparison of bids. The Department of Public Works does not expressly agree that the actual amount of work will correspond therewith. Reserves the right to increase or decrease the amount of any class or portion of work.
Plans and specifications may be obtained from the above office upon deposit of \$25. returnable. * 23

BIDS OPENED

KERN COUNTY, Cal.—William S. Van Valkenburg, 2603 W 7th St., Los Angeles, at \$6,443,000 submitted low bid to the Board of Directors, Highland Park Public Utility District, Warren Stockton, Clerk, 442 Arvin St., Bakersfield, for furnish-

ing and installing water mains, connections and services.
Underground Const. Co., Oakland, at \$7,155 submitted only other bid.

BIDS WANTED

KERN CO., Cal.—Until June 27, 7:30 p.m., bids will be received by the Board of Directors of the Highland Park Public Utility District, Warren Stockton, Clerk, 442 Arvin St., Bakersfield, for furnishing and installing of water mains, connections and services.
Plans and specifications may be obtained from the above office. * 33

BIDS WANTED

MAXWELL, Colusa Co., Calif.—Until July 6, 10 a.m., bids will be received by the Board of Directors of the Maxwell Public Utility District, C. N. Lausten, Secretary, for constructing a steel water tank of 100,000 gallons capacity on a steel tower of a height of 100 feet from the foundations to the balcony, for the water supply system of the Town of Maxwell.
Plans and specifications may be obtained from Edward von Geldern, Engineer, Yuba City, Cal. * 33

34—PARKS AND PLAY-GROUNDS

BIDS WANTED

SALINAS, Cal.—Until July 19, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. Post Office at Salinas.
Drawings and specifications obtainable from the above office and from the custodian of the building, at Salinas. * 34

BIDS WANTED

SOUTH SAN FRANCISCO.—Until July 5, 8 p.m., bids will be received by the City Council of the City of South San Francisco, for the construction of a tennis court fence in the Orange Avenue Park, South San Francisco. Total length of fence is 460 feet. Alternate bids will be received for a 10- and 12-ft. fence.
Plans and specifications may be obtained from George A. Kneese, City Engineer, 2382 Broadway, Redwood City, Cal. * 34

LOW BIDDER

LOS ANGELES, Cal.—H. B. Nicholson, 438 Chamber of Commerce Bldg., Los Angeles, submitted low bid to the Los Angeles County Supervisors for construction of underpass at junction of Sand Canyon Road and S. P. Ry. (Valley Line). Amount of the low bid was not available at time of going to press. * 35

BIDS OPENED

SAN FRANCISCO.—Malott & Peterson, 2412 Harrison St., at \$1,327.00 submitted only bid to the Board of Park Commissioners, B. F. Lamb, Park Lodge, Golden Gate Park, San Francisco, for wearcoat resurfacing of seven tennis courts at the Palace of Fine Arts. * 34

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at \$6241 submitted low bid to the Board of Park Commissioners, B. F. Lamb, Secretary, Park Lodge, Golden Gate Park, San Francisco, for regrading and resurfacing of 11 tennis courts at Palace of Fine Arts.
Total bids follow:

SANTA BARBARA CO.—Grading & Surfacing—(State)

SANTA BARBARA CO., Calif.—Basich Bros., 20530 S. Normandie Avenue, Torrance, at \$140,428.30 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 6.9 ml. grading and surfacing with plant-mixed surfacing between Guadalupe and Santa Maria, Santa Barbara County, Calif.

Work involves:

- (1) 363 sta. clear and grub;
- (2) 1,900 M. gals. water;
- (3) 375 c.y. remove conc.;
- (4) 49,000 c.y. roadway excavation, without classification;
- (5) 800,000 sta. yds. overhaul;
- (6) 5,500 y. struc. excav.;
- (7) 6,750 c.y. sand blending;
- (8) 84,000 sq. yds. blending subgrade and shoulders;
- (9) 363 sta. finish roadway;
- (10) 9,000 tons crusher run base;
- (11) 16,200 tons min. agg. plant-mix surf.;
- (12) 57 tons liq. asph. SC-2 (prime coat, plant-mix surf.);
- (13) 61,750 sq. yds. asph. paint binder;
- (14) 860 tons liq. asph. ROMC-3 or 4 or 5 (plant-mix surf.);
- (15) 36 tons liq. asph. SC-4 stockpiling plant-mix surf.;
- (16) 60,500 sq. yds. preparing, mixing and shaping shoulders;
- (17) 60 tons liq. asph. SC-2 prime coat road-mix surf. treatment;

- (18) 850 tons liq. asph. SC-2 road-mix surf. treatment;
- (19) 95 tons liq. asph. 90-95 (seal coat);
- (20) 1200 tons screenings (seal coat);
- (21) 180 c.y. class A portland cement conc. struccs.;
- (22) 6,000 lbs. bar reinf. steel;
- (23) 362 lf. 18-in. CMP;
- (24) 3926 lf. 24-in. CMP;
- (25) 99 lf. 36-in. CMP;
- (26) 1873 lf. remove and salvage culvert pipe;
- (27) 360 lf. remove and relay culvert pipe;
- (28) 152 each, culvert markers;
- (29) 7.25 ml. new property fence;
- (30) 20 each, drive gates;
- (31) 0.8 mile remove and reset fences;
- (32) 80 each, monuments;
- (33) 1,900 sta. rows ground cover planting;
- (34) 18-in. slide headgate and frame.

Total bids follow:

- (A) Basich Bros., 20530 S. Normandie Ave., Torrance, \$140,428.30.
- (B) J. E. Haddock, Ltd., Pasadena, \$142,813.50.
- (C) Oswald Bros., Los Angeles, \$155,625.22.
- (D) Granite Const. Co., Watsonville, \$162,774.10.
- (E) Griffith Co., Los Angeles, \$163,237.00.
- (F) Hanrahan Co., San Francisco, \$173,206.80.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 4.00	\$ 6.50	\$ 7.50	\$ 5.00	\$ 4.00	\$ 6.00
(2).....	.80	1.05	1.25	1.20	1.40	1.20
(3).....	2.00	3.25	7.00	3.00	4.00	4.00
(4).....	.26	.275	.35	.32	.32	.25
(5).....	.002	.005	.004	.0025	.0025	.003
(6).....	1.00	.65	.80	1.00	1.10	.85
(7).....	.55	.57	.50	.70	.80	.60
(8).....	.03	.032	.015	.035	.047	.07
(9).....	8.00	5.00	6.00	6.00	6.00	7.00
(10).....	2.10	2.25	2.30	3.10	2.55	2.50
(11).....	2.25	2.46	2.85	3.10	2.80	3.00
(12).....	9.00	9.75	9.00	8.00	10.70	12.00
(13).....	.02	.015	.015	.01	.02	.02
(14).....	6.50	8.00	8.00	7.00	10.00	13.00
(15).....	8.00	8.75	8.00	8.00	8.70	11.00
(16).....	.065	.05	.04	.06	.05	.06
(17).....	9.00	9.75	9.00	7.00	10.70	12.00
(18).....	8.50	8.25	8.00	7.00	10.00	12.00
(19).....	9.50	8.50	8.75	9.00	11.30	14.00
(20).....	2.70	2.50	2.40	3.00	2.60	3.00
(21).....	22.00	21.25	22.50	20.00	27.50	35.00
(22).....	.06	.06	.05	.07	.07	.06
(23).....	2.00	1.55	2.00	1.80	2.00	2.00
(24).....	5.70	3.00	2.47	2.80	2.90	3.00
(25).....	5.49	4.80	5.00	5.00	5.40	5.50
(26).....	.50	.30	.50	.40	.50	.60
(27).....	.75	.53	.70	.60	.85	.70
(28).....	2.00	2.75	2.00	2.50	2.50	2.50
(29).....	500.00	565.00	550.00	400.00	450.00	600.00
(30).....	20.00	17.50	16.00	16.00	18.00	20.00
(31).....	400.00	400.00	550.00	500.00	400.00	300.00
(32).....	3.00	3.00	2.50	3.00	3.00	2.50
(33).....	3.50	.77	3.00	1.70	2.60	2.50
(34).....	30.00	27.50	30.00	25.00	30.00	25.00

Eaton and Smith\$6,241.00
Fay Improvement Co.6,300.00
Chas. L. Harney6,640.00
Mills Construction Co.6,985.00
Lowrie Paving Company8,849.95
Pacific States Const. Co.9,780.00 * 34

junction of Sand Canyon Road and Southern Pacific Ry. (Valley line); Contract No. O B-514.
The other bids were:
Merrill A. Wood, \$9575.
Byerts & Dunn, \$9774.
Western Steel Erecting Co., \$9846.
Contracting Engineers, \$9857.
Paul D. Lawrence, \$10,800.
E. S. and N. S. Johnson, \$10,980.
F. H. Strohecker, \$10,990.
Bennett & Taylor, \$11,300.
Oberg Bros., \$11,500.
C. F. Robbins, \$11,345.
C. P. Kristenson, \$12,000.
The three low bids were held for further consideration, all others rejected. * 35

35— TUNNELS

BIDS OPENED

LOS ANGELES, Cal.—H. B. Nicholson, 438 Chamber of Commerce Bldg., Los Angeles, submitted the low bid to the Los Angeles County Supervisors at \$300 for constructing a concrete, timber and steel underpass at the

BIDS OPENED

SAN FRANCISCO COUNTY, Cal.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$58,613.51 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., San Francisco, for the construction of a reinforced concrete pedestrian walkway extension approximately 582 ft. northerly of the San Mateo County Line in San Francisco County.

- Work involves:
(1) clearing and grubbing;
(2) 200 c.y. roadway excav., unclass.
(3) 630 c.y. imported borrow;
(4) 300 c.y. struc. excav.;
(5) 5 c.y. removing concrete;
(6) 1,250 sq. yds. scarifying existing surfacing;
(7) 3.5 sta. finishing roadway;
(8) 602 tons crusher run base;
(9) 3.5 tons liquid asphalt, SC-1A (prime coat);
(10) 5.3 tons liq. asph., 90-95 (armor coat);
(11) 104 tons screenings (do);
(12) 204 c.y. Class A portland cement concrete (structures);
(13) 23,700 lbs. bar reinf. steel;
(14) 50 lf. 8-in. CMP;
(15) 2 each. spillway assemblies;
(16) 265 lf. removing and disposing of fences;
(17) 0.05 mile new property fence, type A;
(18) new property fence type B, lump sum.

Total bids follow:
(A) Chas. L. Harney, 443 Call Bldg., San Francisco, \$8,613.51.
(B) Palo Alto Road Materials Co., Palo Alto, \$8,725.25.
(C) L. C. Seidell, \$8,868.00.
(D) R. G. Clifford, San Francisco, \$8,977.60.
(E) A. G. Ralsch, San Francisco, \$10,439.15.

Unit prices follow:
Table with 5 columns (A) through (E) and 18 rows of bid items and prices.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

- SIGN, electric, \$200; NE Van Ness Ave. and Golden Gate; owner, J. Crowe, premises; contractor, El. Prod. Corp., 910 Harrison St.
ALTER store, \$375; SW Columbia 64 NW Grant Ave.; owner, Lovotti-Rossi Phcy. prem.; contractor, Royal Show Case Co., 770 McAllister St.
ALTER dwelling, \$385; 1341 23rd Avenue; owner, Bert Bardenhewer, premises; contractor, A. Muller-ke, 40 Alvarado.
ALTER store, \$200; 217 Kearny St.; owner, Bothin Realty Co., 604 Mission St.; contractor, C. S. Biggar, 1760 Ellis St.
ALTER dwelling, \$500; 1215 Gilman; owner, Italo Lombi, 1770 Hollister St.
ALTER tavern, \$950; 632 Post St.; owner, Elsie MacDonald, prem.; contractor, Lambertson Sales Co., 942 Mission St.
ALTER dwelling, \$500; 436 35th Ave.

- owner, Roger Forrest, premises; contractor, Home Owners Imp. Co., Oakland.
SIGN, electric, \$150; 1945 Market St.; owner, Shell Sta. No. 421, 100 Bush St.; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$150; 329 Columbus Ave.; owner, Lovotti-Rossi Phcy. premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
SIGN, electric, \$200; 2001 Chestnut; owner, Original Joes, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER garage, \$300; 340 Taylor St.; owner, L. Barrett, premises; contractor, Barrett & Hipf, 918 Harrison Street.
ALTER apts. and flats, \$850; 443 Cherry St.; owner, William J. Dodson, 443 Cherry St.; contractor, Home Owners Imp. Co., Oakland.
SIGN, electric, \$100; 769 Market St.; owner, Davis Waffle Shop, prem. contractor, Elec. Prod. Corp., 910 Harrison St.

- ALTER flats, \$150; 180 Clinton Pk.; owner, Chas. Matteson, premises. SIGN, electric, \$100; 2707 Chestnut; owner, Rib Bar, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER dwelling, \$90; 18 Brush St.; owner, John Lohig, prem.; contractor, John Hink, 1459 Van Ness Ave. South.
ALTER dwelling, \$800; 101 Alta St.; owner, A. Fossa, premises.
ALTER dwelling, \$330; 2212 Greenwich St.; owner, Mamie Richter, 2212 Greenwich St.; contractor, United Roofing & Siding Co., 2906 Mission St.
FLUES, \$60; 43rd Ave. and Irving St.; owner, P. Sanfilippo, prem.; contractor, Wm. P. Goss Co., 4640 Geary Blvd.
SIGN, electric, \$150; 1733 Lincoln Way; owner, Shell Oil Co., 100 Bush St.; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER plant, \$50; 3rd and Bryant; owner, Schwabacher-Frey Co., 510 Third St.

MENDOCINO COUNTY—SURFACING—(State)

MENDOCINO CO., Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at \$84,900.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7 miles to be surfaced with plant-mix surfacing between southerly boundary and Hopland, Mendocino County.

- Work involves:
(1) 600 M. gals. water;
(2) 10,500 tons imported borrow;
(3) 370 sta. finish roadway;
(4) 10,570 tons crusher run base;
(5) 27,500 tons min. agg. plant mix surt.;
(6) 1,235 tons liquid asph., SC-4, plant mix surt.;
(7) 90 tons liq. asph., SC-1A, prime coat;
(8) 172 tons asph. emulsion seal coat;
(9) 1,590 tons screenings seal coat;

- (10) 620 tons sand seal coat;
(11) 74,400 sq. yds. asph. paint binder.
Total bids follow:
(A) Hanrahan Co., Hobart Bldg., San Francisco, \$84,900.50.
(B) N. M. Ball Sons, Berkeley—\$85,328.50.
(C) Union Paving Co., S. F.—\$91,366.
(D) Piazza & Huntley, San Jose—\$94,550.50.
(E) Hemstreet & Bell, Marysville—\$99,107.25.
(F) Pacific States Constr. Co., San Francisco—\$99,458.
(G) Mountain States Constr. Co., Sacramento—\$102,037.
(H) J. A. Casson, Hayward—\$105,881.
(I) Heafey-Moore and Fredericks & Westbrook, Oakland (bid irregular)—\$107,879.36.
(J) A. G. Ralsch, San Francisco—\$110,680.80.

Unit prices follow:
Table with 11 columns (A) through (J) and 11 rows of bid items and prices.

ALL-AMERICAN CANAL—Crossing & Turnout—(Govt.)

ALL-AMERICAN CANAL.—Atlas Constr. Co., 39 Congress St., Pasadena, at \$269,892.10 (Total Schedules 1 and 2), submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 791, for the construction of the Alamo River and New Briar Canal crossing and the Central Main Check and turnout, Station 3258 plus 25 to Station 3543 plus 76.52, All-American Canal, All-American Canal System, Boulder Canyon Project. Work is located near Calexico, Calif.

- Work involves:
SCHEDULE NO. 1
Alamo River Crossing, All-American Canal, Sta. 3258 Plus 25
(1) diversion and care of river during construction and unwatering foundations, lump sum;
(2) 21,200 c.y. excav. for struc. above Elev. 2.0;
(3) 1000 c.y. excav. for struc. betw. Elev. 2.0 and Elev. -1.0;

- (4) 46,000 c.y. compacted embank.;
(5) 8600 c.y. bit run gravel blankets on outside of compacted embank.;
(6) 1600 lf. constr. 8-in. sewer pipe side drain with uncem. joints;
(7) 2500 lf. constr. 12-in. sewer pipe side drain with uncem. joints;
(8) 90 lf. constr. 12-in. sewer pipe side drain with cem. joints;
(9) 1231 c.y. concrete in floor and slope slabs;
(10) 2452 c.y. concr. in structures, except floor and slope slabs;
(11) 532,000 lbs. placing reinf. bars;
(12) 3510 lf. installing rubber water stops;
(13) 3130 sq. ft. installing elastic joint filler materials;
(14) 470 sq. yds. dry rock paving;
(15) 790 c.y. riprap;
(16) 22 c.y. sand blankets under screened gravel blankets;
(17) 585 c.y. screened gravel blankets under conc. floor and slope

- (18) 82 c.y. constr. reverse filters;
- (19) 4300 lbs. installing cast iron pipe drains;
- (20) 681 l.f. laying 6-in. sewer pipe with uncem. joints;
- (21) 1.6 MFBM constr. timber railings;
- (22) 392,100 lbs. driving steel sheet piling;
- (23) 75,900 lbs. installing gates and hand operated gate hoist;
- (24) 29,400 lbs. installing radial gate hoists and operating and control mechanisms;
- (25) 100 cwt. placing bitum. material in float drums;
- (26) 3200 lbs. installing pipe hand-rails;
- (27) 14,300 lbs. installing misc. metal-work;
- (28) 560 l.f. installing elec. metal conduit;
- (29) 80 lbs. installing elec. conductors and ground wires;

SCHEDULE NO. 2

New Brier Canal Crossing, All-American Canal Sta. 3457 Plus 50, and Central Main Canal Check and Turnout, All-American Canal, Sta. 3543 Plus 76.52.

- (30) 23,000 c.y. excav. for struc.;
- (31) 28,000 c.y. excav. of temporary unexcav. section of All-American Canal and excav. for new channels and for refilling existing channels;
- (32) 1010 c.y. pit run gravel subbase;
- (33) 6900 c.y. backfill;
- (34) 3570 c.y. compacting backfill;
- (35) 320 c.y. conc. in floor slabs;
- (36) 2048 c.y. conc. in struc., except floor slabs;
- (37) 360,000 lbs. placing reinf. bars;
- (38) 1120 l.f. installing rubber water stops;

- (39) 1500 sq. ft. installing elastic joint filler materials;
- (40) 650 sq. yds. dry rock paving;
- (41) 100 c.y. constr. reverse filters;
- (42) 5400 lbs. installing cast iron pipe drains;
- (43) 6.6 MFBM constr. timber railings;
- (44) 14 MFBM constr. and removing temporary timber flume;
- (45) 84,500 lbs. driving steel sheet piling;
- (46) 51,620 lbs. installing gates;
- (47) 15,600 lbs. installing radial gate hoists and operating and control mechanisms;
- (48) 4550 lbs. installing pipe hand-rails;
- (49) 12,400 lbs. installing misc. metal-work;
- (50) 620 l.f. installing elec. metal conduit;
- (51) 94 lbs. installing elec. conductors and ground wires.

Total bids follow:
 (A) Atlas Constr. Co.; Sch. 1, \$168,099.50; Sch. 2, \$101,882.60; total, \$269,982.10. (Stipulations: none mentioned).

(B) Alexander & Repass, Des Moines, Iowa; Sch. 1, \$188,887.70; Sch. 2, \$111,101; total, \$299,988.70. (Stipulations: Sch. 1 or 1 and 2, but not 2 alone).

(C) Ralph A. Bell, Monrovia; Sch. 1, \$209,300; Sch. 2, \$132,279; total, \$341,579. (All or none.)

(D) Pleasant-Hasler Co., Phoenix; Sch. 1, \$221,743.25; Sch. 2, \$134,357; total, \$356,100.25. (Stipulations: none mentioned.)

(E) Mitty Bros. Constr. Co., Los Angeles; Sch. 1, \$221,937.75; Sch. 2, \$138,776.10; total, \$360,713.85. (Stipulations: No. 1 alone or 1 and 2, but not 2 alone.)

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

- FLUES, \$233; 1710 12th Ave.; owner C. M. Jacobson, 1796 8th Ave.; contractor, Kezar Sheet Metal Works, 515 Frederick St.
- ALTER store, \$500; 911 Polson St.; owner, Wm. Greenfield, 2218 Pine St.; contractor, F. Paratore, 549 Fell St.
- ALTER commercial bldg., \$700; 685 Third St.; owner, G. Gale, 2090 rGreen St.; contractor, L. Sartorio, 2627 Lombard St.
- ALTER dwelling, \$500; 875 Hamp-shirt St.; owner, Mike Camello, 28 Knowles, Daly City; contractor, City Roofing & Paint Co., 3303 Mission St.
- FLUES, \$35; 169 Coleridge St.; owner, Mr. Lapava, premises; contractor, Calif. Heating Co., 661 Paris St.
- ALTER dwelling, \$150; 525-B Kirkham; owner, Thos. J. Blennerhasset, 1362 23rd Avenue.
- ALTER store, \$260; 316-18 Third St.; owner, The Lurie Co., 333 Montgomery St.; contractor, Love & Haun, 4354 20th St.
- FLUES, \$233; 1706 12th Ave.; owner, C. M. Jacobson, 1796 8th Ave.; contractor, Kezar Sheet Metal Works, 515 Frederick St.
- ALTER store, \$180; 2219 Chestnut; owner, Mason Beauty Salon, 2219 Chestnut; contractor, QR8 Neon Corp., Ltd., 690 Potrero Ave.
- ALTER restaurant, \$1000; 940 Columbus Ave.; owner, S. Tafonelli, 526 Bay Street.
- BILLBOARD, \$7; W 7th Ave. 80 S Lincoln Way; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
- FLUE, \$25; W Bret Harte Ter. 68 N Francisco; owner, Miss Bell, premises; contractor, L. J. Reiss, 2272 Market St.
- FLUE, \$30; 711 3rd St.; owner, C. Krikerian, 711 3rd St.; contractor, General Flxture Co., 953 Mission St.
- FLUES, \$234; 1714 12th Ave.; owner, C. M. Jacobson, 1796 8th Ave.; contractor, Kezar Sheet Metal Works, 515 Frederick Street.
- ALTER dwelling, \$200; 195 Ney St.; owner, Lachler, Prem.; contractor, Calif. Terrazzo Co., 2055 San Bruno Ave.
- SIGN, electric, \$125; 500 Eddy St.; owner, T. Eimers, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
- ALTER apt. house, \$160; 1629 McAlister St.; owner, Marie Gold, Prem.; contractor, Sam Yonan, 196 Irvington St.
- ALTER school, \$300; 1215 Van Ness Ave.; owner, Head's College, Prem.; contractor, Miller & McGillis, 4444 Geary St.
- SIGN, electric, \$75; 123 Montgomery St.; owner, Spencer Shoe Shop, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
- ALTER dwelling, \$200; 411 Hudson Ave.; owner, Harold N. Madson, Prem.
- FLUES, \$67; 856 California Street; owner, G. Lackmann, 860 California St.; contractor, E. Sugarman, 3624 Geary St.
- ALTER dwelling, \$400; 743 6th Ave.; owner, Dr. Apostolide, Premises; contractor, S. Partidas, 278 Shippen St.
- ALTER dwelling, \$125; 1675-A Kirkwood Ave.; owner, P. Lippl, 1682 Kirkwood.
- ALTER flat, \$750; 118 Alta; owner, J. Avansino, 2061 Leavenworth; contractor, Rome Carpenter Shop, 1650 Powell St.

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 1,500.00	\$10,000.00	\$10,000.00	\$ 3,000.00	\$ 5,000.00
(2)	1.25	.60	1.50	.85	1.00
(3)	1.50	1.50	5.00	.85	3.50
(4)	.30	.80	.40	.80	.80
(5)	2.00	1.85	1.50	1.40	1.50
(6)	1.25	1.70	1.50	3.60	2.20
(7)	1.30	1.90	1.50	4.60	2.50
(8)	1.30	1.50	2.00	3.50	2.55
(9)	12.00	17.50	13.00	12.00	16.00
(10)	20.00	17.50	24.00	30.00	25.00
(11)	.025	.02	.025	.02	.03
(12)	.60	.75	1.25	1.00	1.00
(13)	.50	.30	.70	.50	.50
(14)	4.00	2.50	4.50	5.00	7.00
(15)	4.50	5.60	4.00	5.00	8.00
(16)	3.00	5.00	4.00	5.00	6.00
(17)	3.00	5.00	4.50	5.00	3.00
(18)	4.00	4.00	6.00	10.00	5.00
(19)	.03	.05	.12	.06	.10
(20)	.50	.70	1.00	.75	.25
(21)	60.00	70.00	60.00	80.00	100.00
(22)	.02	.02	.03	.025	.03
(23)	.03	.05	.05	.05	.03
(24)	.05	.06	.08	.08	.05
(25)	1.25	2.50	2.00	3.00	4.00
(26)	.07	.06	.10	.10	.10
(27)	.08	.10	.12	.10	.10
(28)	.35	.75	.40	.75	.50
(29)	.50	1.00	1.00	.50	.50
(30)	1.10	.60	1.50	1.00	.75
(31)	.30	.70	.30	.50	1.00
(32)	2.00	2.80	2.00	3.00	1.50
(33)	.20	.35	.30	.30	.50
(34)	.20	.55	.50	.40	.75
(35)	11.00	21.00	15.00	12.00	16.00
(36)	20.00	21.00	26.00	30.00	26.00
(37)	.02	.02	.025	.02	.03
(38)	.60	.70	1.25	1.00	1.00
(39)	.50	.35	.75	.50	.50
(40)	4.00	2.50	4.50	6.00	7.00
(41)	3.00	3.97	6.00	8.00	8.00
(42)	.03	.05	.12	.10	.10
(43)	60.00	70.00	60.00	60.00	100.00
(44)	100.00	140.00	40.00	140.00	100.00
(45)	.025	.025	.03	.03	.03
(46)	.03	.05	.05	.05	.03
(47)	.05	.06	.08	.10	.05
(48)	.07	.06	.12	.10	.10
(49)	.08	.08	.12	.10	.10
(50)	.50	.75	.50	.75	.50
(51)	.50	1.00	1.00	.50	.50

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$50; 634 24th Ave.; owner, A. Foster, Prem.
BILLBOARD, \$7; SE Polk and Bwy.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, \$475; 1045 Balboa; owner, A. Gleasner, Prem.; contractor, W. H. Moller, 2712 McAllister St.
ALTER dwelling, \$400; 620 2nd Ave.; owner, John J. Byones, 3836 Geary Blvd.; contractor, Albert Massagli, 3521 Geary Blvd.
ALTER flats, \$200; 348 12th Ave.; owner, J. Glentzin, Prem.; contractor, Hocking's Service, 2216 Clement St.
SIGN, electric, \$200; 1335 Golden Gate Ave.; owner, M. Ball, Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
ALTER dwelling, \$300; 450 28th Ave.; owner, E. Lefkovich, Premises; contractor, Albert Massagli, 3821 Geary Blvd.
ALTER factory, \$925; 1340 Fillmore St.; owner, Milton Weitner, Fairfax; contractor, Alfred P. Fisher, 111 Sutter St.; engineer, Alfred P. Fisher, 111 Sutter St.
ALTER apts., \$200; NW California and 14th Ave.; owner, Joe Miller, Prem.; contractor, Ginsberg Tile Co., 540 Turk St.
ALTER store, \$40; 832 Grant Ave.; owner, Chang Ge, Prem.; contractor, J. J. Delucchi, 1526 Powell St.
BILLBOARD, \$7; N Bay, 100 W Buchanan; owner, Foster and Kleiser Co., 1675 Eddy St.
ALTER dwelling, \$300; 373 Santa Rosa Ave.; owner, W. Panetta, Prem.; contractor, F. Granucci, 82 Naples St.
SIGN, electric, \$200; 462 Broadway; owner, Catherine's, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
WALL, retaining, \$350; 3243 Washington St.; owner, S. Batto, Premises; contractor, Albert Massagli, 3521 Geary Blvd.
ALTER dwelling, \$300; 1982 Quesada; owner, G. Ribotta, Prem.
ALTER store, \$350; 135 Taylor St.; owner, E. V. Moon, 1997 Ocean Ave.
BILLBOARD, \$7; S. 17th St., 222 W Valencia; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER flats, \$20; 2930 Webster St.; owner, Joe Rosetti, 1825 Lombard St.; contractor, A. Ramazzotti, 1473 Valjejo St.

MODOC COUNTY—Bridge Construction—(State)

MODOC CO., Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at \$20,665, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete slab bridge across the North Fork of Pit River in the City of Alturas, consisting of one 45-ft. span and two 15-ft. cantilever spans on concrete piers, Modoc County.

- Work involves:
(1) 1 lot clear and grub;
(2) 1 existing bridge to be removed and disposed of;
(3) 400 c.y. struc. excav.;
(4) 84,000 lbs. bar reinf. steel;
(5) 340 c.y. Class A Portland cement conc. struc.;
(6) 10 c.y. Class A do., railings;

- (7) 300 c.y. rubble masonry;
(8) 980 lf. furnish cast-in-place concrete piers;
(9) 28 each, driving steel shells for cast-in-place conc. piers;
(10) 1 lot misc. items of work.

Total bids follow:
(A) M. A. Jenkins, 3560 Y St., Sacramento—\$20,665.
(B) Franzini & Fredenburg, San Rafael—\$21,325.
(C) Clifford A. Dunn, Klamath Falls, Oregon—\$23,112.50.
(D) Albert H. Seimer and John Carcano, San Anselmo—\$23,749.
(E) A. Soda & Son, Oakland—\$27,484.
(F) Campbell Constr. Co., Sacramento—\$27,541.
(G) John Rocca, San Rafael—\$31,280.00.

Unit prices follow:

Table with 7 columns (A-G) and 10 rows of bid items and prices.

ORANGE CO.—GRADING & PAVING—(State)

ORANGE COUNTY, Cal.—Griffith Company, 502 Los Angeles Railway Bldg., Los Angeles, at \$1,682.90 submitted low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, District VII, 808 State Bldg., Los Angeles for about 0.4 mi. grading and paving with Portland cement concrete between 0.4 mile and 0.8 mile east of Huntington Beach, Orange County. Work involves:
(1) 180 M. gals. water;
(2) 300 c.y. removing concrete;
(3) 11,500 c.y. imported borrow;
(4) 3,600 sq. yds. preparing subgrade
(5) 29 sta. finishing roadway;
(6) 3 tons liq. asph., SC-2 (prime coat);
(7) 2,800 sq. yds. preparing, mixing, and shaping shoulders;
(8) 22 tons liq. asph., SC-2 (shoulders);

- (9) 735 c.y. of Class B portland cement concrete (pavement);
(10) 1,460 each, pavement dowels;
(11) 2,700 lbs. bar reinf. steel.

Total bids follow:

(A) Griffith Co., Los Angeles, \$12,682.90.
(B) J. E. Haddock, Ltd., Pasadena, \$13,460.70.
(C) Vido Kovacevich, South Gate, \$13,699.50.
(D) Claude Fisher Co., Ltd., Los Angeles, \$14,589.50.
(E) Sully-Miller Contr. Co., Long Beach, \$15,399.25.
(F) Dimmitt & Taylor, Los Angeles, \$16,312.90.
(G) Butterfield - Kennedy Co., San Pedro, \$17,650.00.

Unit prices follow:

Table with 7 columns (A-G) and 11 rows of bid items and prices.

LOS ANGELES COUNTY—GRADING AND SURFACING—(State)

LOS ANGELES COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$108,389.55 submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 4 1/2 miles of grading and surfacing with plant-mixed surfacing between 190th St. and Lomita Blvd., Los Angeles County.

Work involves:

- (1) clear and grub;
(2) 2,000 M. gals. water;
(3) 5 c.y. remove concrete;
(4) 70,000 c.y. rdwy. excav., unclass.
(5) 3,200,000 cu. yds. overhaul;
(6) 380 c.y. struc. excav.;
(7) 100 c.y. ditch and channel excav.
(8) 33,300 c.y. imported borrow;
(9) 19,200 tons imported subgrade material;
(10) 242 sta. finish rdwy.;
(11) 83 tons yiqid asphalt, SC-2 prime coat;
(12) 18,300 tons min. agg. plant mix

- surfacing;
(13) 965 tons liquid asph. ROMC-4 or ROMC-5 plant mix surf.;
(14) 1,000 sq. yds. asph. paint binder;
(15) 170 tons liquid asph., SC-2 penetration oil treatment;
(16) 1,800 lbs. bar reinf. steel;
(17) 275 sq. yds. wire mesh reinf.;
(18) 32 c.y. Class A Portland cement conc. struc.;
(19) 30 c.y. do for bridge deck;
(20) 1 lot jacking operations;
(21) 10 M. FBM treated Douglas fir timber;
(22) 5,000 lbs. misc. iron and steel;
(23) 16 lf. 24-in. steel rail assemblies;
(24) 16 lf. 24-in. reinf. conc. pipe;
(25) 180 lf. 8-in. CMP;
(26) 190 lf. 24-in. CMP;
(27) 160 lf. 72-in. CMP;
(28) 5 each spillway assemblies;
(29) 22 each culvert markers;
(30) 5 each adjust manholes to grade.

Total bids follow:
(A) Griffith Co., 502 Los Angeles

Railway Bldg., Los Angeles, \$108,385.55.
(B) Oswald Bros., Los Angeles, \$114,302.50.
(C) A. S. Vinnell Co., Los Angeles, \$114,980.20.
(D) Basic Bros., Torrance, \$115,265.02.
(L) G. R. Curtis Paving Co., Los Angeles, \$116,178.40.
(F) United Concrete Pipe Corp., Los Angeles, \$116,758.50.
(G) Sully-Miller Contr. Co., Long Beach, \$121,819.50.
(H) Martin Bros. Trucking Co., Long Beach, \$125,466.00.
(I) J. E. Haddock, Ltd., Pasadena, \$127,951.00.
(J) Claude Fisher Co., Ltd., Los Angeles, \$129,198.00.
(K) Los Angeles Paving Co., Los Angeles, \$131,765.95.
(L) C. O. Sparks & Mundo Engr. Co. Los Angeles, \$143,681.00.
Unit prices follow:

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Strona Bids \$218,470 on
Ward Buildings

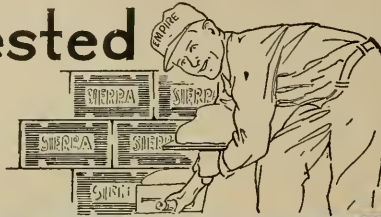
♦ ♦ ♦

S. F. Fair Building Awarded to Wold

♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JULY 8, 1938

No. 28

POMONA BIDDER LOW FOR STATE HOSPITAL WORK

**Strona Bids Spadra Wards;
McCarthy Low on Truckee
Inspection Station**

SACRAMENTO.—Low bids aggregating \$282,857 today were submitted to State Architect George B. McDougall for construction of three ward buildings at Pacific Colony, Spadra, Los Angeles County, and two inspection stations in Siskiyou and Nevada Counties.

J. Strona, Pomona, at \$218,470, submitted the low bid for general construction of the ward buildings. The contract calls for construction of Units 16, 18, and 20 of five ward buildings, consisting of three one-story, reinforced concrete structures with hollow tile partitions. Steel sash and clay tile roof covering are called for also.

Bids for construction of the wards were taken under four propositions. Low bidder on the heating and ventilating contract was Consolidated Heating and Ventilating Company, Los Angeles, at \$15,968.

Plumbing Contract

Vancotte Company, at \$6547, submitted the low bid for the electrical work. Low bidder on the plumbing contract was Kenneth Fraser, at \$12,992.

Other bidders on the proposition calling for general construction included: H. Mayson, \$230,634; H. A. Nichols, \$232,570; Baruch Corp., \$219,135; Harry F. Miller, \$233,654; Andy Sordal, \$241,583; W. E. Allen, \$231,733; and Arthur Pinner, Jr., \$245,555.

The four lowest bidders on each of the other propositions, follow:

Heating and ventilating: Consolidated Heating and Ventilating Company, \$15,968; Hickman Brothers, Inc., \$16,995; S. C. Brown Company, \$18,100; and O. E. Ross, \$18,380.

Plumbing: Kenneth Fraser, \$12,992; Benedict and Ginrich, \$14,577;

BIDS AUGUST 23 ON MANTECA P. O.

WASHINGTON, D.C.—Bids for construction of the United States Post Office at Manteca, Calif., were invited here today by the Treasury Department Procurement Division, Public Building Branch. Proposals will be opened in Washington August 23, officials of the department announced.

As in the case of other similar post offices, plans were prepared under direction of the Treasury Department supervising architect. The Manteca structure will cost an estimated \$75,000.

Hickman Brothers, \$14,987; and O. E. Ross, \$15,789.

Electrical Work

Electrical work: Vancotte Company, \$6547; Joseph Korb, \$6885; Newberry Electric Corporation, \$6,964.91; and H. O. Bauerle, \$6969.

Other contracts for which bids were opened today by Mr. McDougall called for construction of Department of Agriculture inspection stations near Truckee in Nevada County, and near Dorris in Siskiyou County.

Victor L. and William B. Jacobson, Los Angeles, at \$13,932, submitted the low bid for construction of the station near Dorris. Other bidders included: Robert McCarthy, \$14,988; S. C. Giles, \$15,987; and Empire Construction Company, \$21,900.

Low bidder on the Truckee station was Robert McCarthy, at \$14,948. Other bidders included: H. W. Robertson, \$14,986; Victor L. and William B. Jacobson, \$14,992; M. R. Peterson, \$15,496; and R. P. Mussetter, \$16,978.

Frame Building:

The inspection buildings will be of frame construction with redwood siding, shake roof, concrete floors, wood sash and doors.

State Architect George B. McDougall today called for bids, to be opened July 27, for construction of toll plazas on the San Francisco-Oakland Bay Bridge at Yerba Buena Island.

Bids will be taken on: permanent toll plaza; electrical work; plum-

WOLD AWARDED CONTRACT FOR S. F. BUILDING

**State Exhibit Unit Let; Kelly
Awards Bridge, Highway
Contracts**

SACRAMENTO.—Director Earl Lee Kelly of the State Department of Public Works today awarded contracts totaling \$338,005 for bridge and highway work in seven California counties.

Coincidentally the department also awarded the \$77,238 contract for construction of the San Francisco Building on the site of the Golden Gate International Exposition of 1939 to C. L. Wold Construction Company, Ltd.

The largest State highway contract went to Basich Brothers, at \$140,428.30, for grading 6.9 miles of highway and surfacing with plant-mix surfacing between Guadalupe and Santa Maria in Santa Barbara County.

Mendocino Surfacing

To Hanrahan Company, San Francisco, at \$84,900.50, went the contract for surfacing seven miles of highway with plant-mix surfacing between Hopland and the southern boundary of Mendocino County.

Embleton Shoemaker Company, Albany, at \$54,151.91, was awarded the contract for 2.4 miles of grading and plant-mix surfacing between 1.5 miles southwest of Sebastopol and 3.9 miles southwest of Sebastopol in Sonoma County.

Other awards were: E. S. and N. S. Johnson, at \$21,960, for 0.8 miles of grading and surfacing in Inyo County; M. A. Jenkins, at \$20,665, for constructing a reinforced concrete bridge in Modoc County; Pacific Truck Service, Inc., at \$11,606.40, for 33.4 miles of roadwork in Shasta, Lassen and Modoc Counties; and V. R. Dennis Construction Company, at \$4,295.25, for constructing a reinforced concrete pedestrian underpass in Riverside County.

ing work; permanent office; and temporary toll plaza.

STATE RECEIVES BIDS ON THREE ROAD PROJECTS

**Hemstreet & Bell, Harold Smith
Franzini & Fredenburg
Low Bidders**

SACRAMENTO.—Low bids aggregating \$144,695 today were submitted to the State Division of Highways for highway and bridge construction in San Mateo, Humboldt and Yolo counties.

Franzini and Fredenburg, San Rafael, at \$19,646.35, submitted the low bid for construction of a reinforced concrete bridge across Colma Creek in San Mateo county. The proposed bridge will be located in the City of South San Francisco.

Other bidders included: Eaton and Smith, \$20,262.45; Palo Alto Road Materials Company, \$20,343.95; M. B. McGowan, Inc., \$24,263; Albert E. Mangs and Associates, \$25,669.85; Healy-Tibbitts Construction Company, \$26,861.40; and John Rocca, \$27,989.25.

The bridge will consist of one 24-foot span and two 19-foot 6-inch spans. About 0.06 miles of roadway will be graded and surfaced with plant-mix surfacing under the contract. Unit prices were submitted on twenty-two items.

Cache Creek Bridge

Hemstreet and Bell, Marysville, at \$68,225.25, submitted the low bid on the largest contract for which bids were opened here today. The work involves construction of a reinforced concrete bridge across Cache Creek about three and one-half miles northwest of Rumsey in Yolo County. Grading and road-mix surfacing of 0.5 miles of approaches are called for also.

The following submitted bids: Campbell Construction Company, \$73,332; C. W. Caletti and Company, \$74,130.75; Robert McCarthy, \$84,622.30; and Holdener Construction Company, \$95,429.50.

The work involved the following principal items: 15,400 cubic yards of unclassified roadway excavation; 2700 pounds of miscellaneous steel; 1015 cubic yards of Class A Portland cement concrete structures; 260,000 pounds of bar reinforcing steel; 53.8 tons of liquid asphalt of various types; and 7250 square yards preparing, mixing and shaping roadbed.

Humboldt Grading

The third contract called for grading approximately 0.25 miles of highway and surfacing with plant-mix surfacing and sacked concrete and placing rip-rap at Greenlow Bluffs, Humboldt County. Harold Smith, St. Helena, at \$56,823.50, submitted the low bid. The second lowest bidder was Claude C. Wood, Lodi, at \$57,310.50.

Other bidders included: N. M. Ball and Sons, and E. E. Smith, \$58,727; Lee J. Immel, \$58,743; Mercer-Fraser Company, \$59,901;

GRADING, FILLING PROPOSALS ASKED

Bids for construction of miscellaneous grading and filling at Hickam Field will be opened July 19, according to Captain John A. Hunt, who recently replaced Captain H. B. Nurse as Constructing Quartermaster at the island air base.

Bids should be addressed to the Purchasing & Contracting Officer, Office of the Constructing Quartermaster, Hickam Field. T. H. Proposals will be opened at that office at 11 a.m. July 19, Captain Hunt said.

PACIFIC AREA BUILDING OUT FOR PROPOSALS

Bids for construction of the Pacific Building on the site of the Golden Gate International Exposition of 1939 yesterday were called for July 18 by the San Francisco Bay Exposition.

The proposed building will be dedicated to all the nations united by the Pacific.

It will be a one-story and mezzanine frame structure, about 100 feet square.

Deposit Returnable

Bids will be opened at 3:00 p.m., July 18 at the headquarters of the San Francisco Bay Exposition, 585 Bush street. Commencing at 2:00 p.m. today plans and specifications may be obtained in Room 222 upon deposit of \$20, refundable upon return of the plans in good condition within 15 days from the date of issue.

The contract for construction of pile foundations for the Pacific Building was awarded to A. W. Kitchen and Company late last month. The contract price was \$2,638.

The Pacific Building will be a cruciform structure and will house exhibits of discovery and exploration, science and invention, art and archeological, trade and travel. Informal native dances, music and dramatic spectacles depicting recreational and artistic activities of the Pacific Area nations will be held daily, according to the Committee of the Pacific Area headed by Dr. Ray Lyman Wilbur.

Hemstreet and Bell, \$61,012.50; Fred J. Maurer and Son, \$62,472.50; Ransome Company, \$65,392; and Guerier Brothers, \$77,391.

Unit prices were submitted on the following principal items: 5000 cubic yards of unclassified excavation; 18,000 cubic yards of imported borrow; 550 tons of mineral aggregate plant-mix surfacing; 42 tons of liquid asphalt of various types; 3900 cubic yards of sacked concrete rip-rap; and 1300 lineal feet of timber guard rail.

SCHEDULE BIDS ON SIX STATE HIGHWAY JOBS

**Placer, Mendocino, Lake, Los
Angeles, Orange Work
Advertised**

SACRAMENTO.—Six State Division of Highways contracts went out for bids here today as the State Highway Commission authorized advertisement for proposals on work in Placer, Mendocino, Lake, Orange and Los Angeles counties.

Bids on two projects will be opened in Sacramento July 27; on three in Los Angeles July 28; and on one in San Francisco July 29.

Jobs authorized for advertising today are located by counties as follows:

PLACER COUNTY—Construction of a steel and reinforced concrete deck overhead crossing over the Southern Pacific tracks at Colfax. The overpass will consist of one 101.99-foot span; one 94-foot span; one 93.97-foot span; one 90-foot span; one 88.59-foot span; and one 35.75-foot span. Bids open in Sacramento July 27.

MENDOCINO AND LAKE COUNTIES—Grading, road-mix surfacing and placing sacked concrete riprap on about six-tenths of a mile at various locations in the two counties. Bids open in Sacramento July 27.

MENDOCINO COUNTY—Construction of a reinforced concrete girder bridge across South Eel River about nine miles northwest of Longvale, and grading and surfacing about 0.23 mile of approach roadway. The bridge will consist of one 95-foot span, two 84-foot, 6-in. spans and two 28-foot cantilever spans on concrete piers. Bids will be opened at the District office in the State building, San Francisco, July 29.

ORANGE COUNTY—Repairing a reinforced concrete continuous girder span across the Santa Ana river about two miles north of Newport Beach. Bids open in Los Angeles July 28.

ORANGE COUNTY—Repairing a bridge across San Juan Creek about eleven miles east of San Juan Capistrano and grading and surfacing approaches. Bids open July 28 in Los Angeles.

LOS ANGELES COUNTY—Paving with Portland cement concrete, plant-mix surfacing and asphalt concrete on about 3.7 miles on Sepulveda boulevard between San Fernando Road and Brand boulevard. Bids open in Los Angeles July 28.

Shipments of steel lockers amounted to \$1,063,748 during the first five months of 1938, as compared to shipments amounting to \$1,960,070 during the same period in 1937, the Bureau of Census reports.

ORDER VOLUME AT NORTHWEST MILLS GAINING

Rail Delivery Bookings In- crease; Lower Prices Held Cause

A total of 151 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending June 25, 1938, produced 76,930,125 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 48.8 per cent of its average weekly cut during 1926-29.

The new business reported taken last week by the 151 mills was 92,108,776 board feet. Shipments were 80,258,943.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	38,083,292	33,844,811
Domestic		
Cargo	41,435,015	32,895,327
Export	4,128,064	5,056,400
Local	8,462,405	8,462,405

92,108,776 80,258,943

"During the past month a gradual betterment has been shown in the volume of orders taken weekly by West Coast mills," said an association statement.

"Lumbermen attribute this betterment to scarcity of stocks in the consuming centers and extremely low prices out here. Buyers have been coming into the market particularly for rail delivery, apparently in the belief that the bottom in lumber prices has been reached. Average West Coast prices currently are reported several dollars below cost. Mill prices for all American softwood lumber have suffered serious decreases during the past year.

"As a result of unsatisfactory market last fall and during the past 8 or 9 months the stock of unsold lumber at West Coast mills is lower according to reports to the West Coast Lumbermen's Association than at any time in the past."

"OXY-ACETYLENE TIPS" FOR JULY AVAILABLE

The July edition of "Oxy-Acetylene Tips", published by Linde Air Products Company, 30 East Forty-second street, New York City, is off the press and ready for distribution. Copies may be obtained without charge upon application to the company at the above address.

The July issue includes the following articles: Welding the Low and Medium-Alloy Steels; Gas Compressor Pistons; Scraping Operations Improved; Two Thousand Welds; Flame-Shaping Spillway Rockets; Saving Soles; Reclaiming Tractor Tread Eyelets; and other regular "Oxy-Acetylene Tips" departments.

BIDS ON RUNWAY SURFACING ASKED

Bids for constructing wearing surface on runways at the Sacramento Army Air Depot were invited last week by the office of the Constructing Quartermaster. Proposals will be opened at the depot July 20, it was announced.

The contract calls for construction of three-quarters-inch cold asphalt concrete wearing surface, including seal coat, on existing runways, taxiways and to the compass swinging base. Cost of the work is estimated at approximately \$50,000.

Must Finish Shasta Tunnel Before Work On Dam Is Started

Construction of Shasta Dam, for which the \$35,939,450 contract was awarded to Pacific Constructors, Inc. recently, cannot be started until the Shoofly tunnel, now under construction, is virtually completed, bureau of Reclamation officials said this week.

Under the contract, work must begin on Shasta Dam within 30 days after the contractor has received notice to proceed, and must be completed in 2,000 calendar days—about 5½ years—thereafter.

Before the notice to proceed can be issued, it will be necessary to complete, or virtually to complete, the Shoofly tunnel, which is now under construction at the dam site and through which the Southern Pacific main line railroad will be located temporarily while Shasta Dam is under construction.

Temporary Route

The Shoofly tunnel will serve as a temporary route for the railroad around the dam site while the permanent relocation of the railroad around the dam and reservoir is being made. When the permanent line is completed, the trains will be switched out of the Sacramento River Canyon and the Shoofly tunnel will then be used to divert the waters of the Sacramento River while the upper part of Shasta Dam is being constructed.

Central Valley project work was begun about 3 years ago. The contract for the construction of Shasta Dam, however, is the first covering a major structure to be awarded.

Work to date has consisted of construction of camps, investigation of dam sites, and the construction of Contra Costa Canal, which will serve to provide a supplement water supply for lands in Walnut Creek and Martinez, and for industrial cities along Suisun Bay.

BUREAU PLANNING 65 MILLION-LBS STEEL PURCHASE

Steel, Machinery Orders Pushed To Win Benefits of Lower Price

The purchase of 65,890,000 pounds of steel before August 15 is contemplated by the Bureau of Reclamation, Commissioner John C. Page reported to Secretary of the Interior Harold L. Ickes today.

The Bureau of Reclamation is pushing orders for steel and machinery manufactured of steel needed in connection with this great construction program in order to take advantage of the new lowered prices and also in order to spread quickly into the industrial cities benefits represented by such off-the-site work.

In addition to the steel orders, it is estimated that 500 tons of copper wire and other copper products also will be ordered before August 15.

Plan Other Purchases

Other purchases of steel and similar construction supplies will be made as the construction progresses, Mr. Page said, but the purchase of the materials noted will proceed immediately.

Included in the orders anticipated between now and August 15 are 13,550 tons of reinforcing steel, 9,430 tons of structural steel, 5,000 tons of rails and accessories, 1,915 tons of gates, valves, and hoists, 5,050 tons of pipe and penstocks, and 1,000 tons of turbines.

New FHA Standards Made Available Here

Important changes in building regulations, designed to increase the comfort, safety and livability of homes financed under the FHA insured mortgage system, are contained in the June, 1938, revised edition of "Property Standards," just published by the Federal Housing Administration.

Announcement of the new Property Standards, known as Circular No. 2, Part 6, revised June 1, 1938, was made by J. O. Davis, district director of FHA, who stated that copies now are available to architects, builders and others concerned with the home building industry. The new minimum requirements become effective the first of July.

Copies may be obtained, without charge, by applying to the district office of the Federal Housing Administration, 433 California street, San Francisco, or from the branch underwriting offices located in the Ray building at 1924 Broadway, Oakland, and in the Federal building, Sacramento.

PWA Allotments to California Projects To Aid \$27,000,000 Construction Work

With addition of a fifth list of allocations to those previously announced, allotments have been made to some 89 California projects to cost an estimated total of more than \$27,085,000, Regional PWA Director Kenneth A. Godwin revealed yesterday.

While the fate of some of the projects, notably the Alameda tube

under the Estuary, still is in doubt, most of them are expected to be speeded by the sponsoring communities.

To the time of going to press, allotments had been made to these jobs in California:

POMONA, Los Angeles Co., Calif.: New auditorium building. Estimated cost, \$73,500; Grant, \$33,075.

SAN PEDRO, Los Angeles Co., Calif.: Addition and alterations to municipal building. Estimated cost, \$32,600; Grant, \$14,670.

SANTA CLARA Co., Calif.: Port and channel improvements. Estimated cost, \$2,100,000; Grant \$810,000.

SONORA, Tuolumne County, Calif.: High school building. Es. cost, \$118,000; Grant, \$53,100.

UPPER LAKE, Lake Co., Calif.: Gymnasium building. Est. cost, \$17,000; Grant, \$7,650.

ALAMEDA Co., Cal.: School bldg. Est. cost, \$76,364; Grant, \$34,364.

ALPINE Co., Cal.: Infirmary bldg. Est. cost, \$146,000; Grant, \$65,700.

BAYSHORE CITY, San Mateo Co., Cal.: Improvement to school building and construct school auditorium. Estimated cost, \$24,000; Grant \$10,800.

BEAUMONT, Riverside Co., Cal.: Municipal building. Est. cost, \$145,454; Loan \$80,000; Grant, \$65,454.

BERKELEY, Alameda Co., Calif.: Fire station. Est. cost, \$7,731; Grant \$12,479.

CLOVERDALE, Sonoma Co., Cal.: Auditorium - gymnasium bldg. Estimated cost, \$35,000; Grant \$15,750.

EUREKA, Humboldt County, Cal.: County Detention Home building. Estimated cost, \$10,000; Grant, \$18,000.

HUENEME, Ventura Co., Calif.: Harbor Improvement. Est. cost, \$11,740,000; Grant, \$783,000.

LOS ANGELES, Cal.: Six branch library buildings. Est. cost, \$327,240; Grant, \$147,258.

LOS ANGELES Co., Calif.: Construct storm drains and appurtenances. Est. cost, \$30,200; Grant \$13,590.

LOS ANGELES, Calif.: Street improvements, sanitary sewers and appurtenances. Est. cost, \$2,407,657; Grant, \$1,083,446.

OAKLAND, Cal.: Club house. Est. cost, \$18,517; Grant, \$8,332.

ALAMEDA COUNTY, Calif.: Construct electric railway tunnel under estuary S. B. Bay bet. Alameda and Oakland. Est. cost, \$2,500,000; Grant \$1,125,000.

ST. HELENA, Napa Co., Calif.: Improvements to dam and spillway. Estimated cost, \$30,000; Grant, \$13,500.

SAN BUENAVENTURA, Ventura Co., Cal.: Harbor improvements. Est. cost, \$90,000; Grant, \$135,000; Loan, \$165,000.

SAN DIEGO Co., Calif.: Sanitary sewers and disposal plant. Est. cost, \$2,000,000; Grant, \$900,000; Loan \$1,100,000.

SAN DIEGO, Calif.: Water distribution system. Est. cost, \$2,740; Grant, \$10,237.

SAN JOSE, Santa Clara Co., Calif.: School building. Est. cost, \$1,162,600; Grant \$523,170.

MODESTO, Stanislaus Co., Calif.:

Improvement to irrigation system. Estimated cost, \$380,000; Grant \$171,000.

MOORPARK, Ventura Co., Calif.: Academic building and auditorium. Est. cost, \$70,575; Grant \$31,758.

ALBANY, Alameda Co., Cal.: High school addition. Est. cost, \$63,000; Grant, \$28,350.

BRAWLEY, Imperial Co., Cal.: Addition to filtration plant and extension of water pipe lines. Est. cost, \$24,497; Grant, \$10,997.

CALAVERAS COUNTY, Cal.: Waterworks system. Est. cost, \$173,000; Grant, \$77,850.

CONCORD, Contra Costa Co., Cal.: Fire house and appurtenant works. Est. cost, \$25,454; Grant, \$11,454.

FRESNO COUNTY, Cal.: Fire engine house and storage building. Estimated cost, \$85,000; Grant, \$38,250.

LAKEPORT, Lake Co., Cal.: School gymnasium auditorium building. Estimated cost, \$16,000; Grant, \$7,200.

LAMESA, San Diego Co., Calif.: Additions to school. Est. cost, \$65,400; Grant, \$29,430.

PUEENTE, Los Angeles Co., Calif.: New school building and alterations and additions to existing schools. Estimated cost, \$69,637; Grant, \$31,336.

SAN BUENAVENTURA, Ventura Co., Calif.: Storage reservoir. Estimated cost, \$843,636; Grant, \$379,636.

SANTA BARBARA Co., Cal.: Construct and equip fire building. Estimated cost, \$59,400; Grant, \$26,730.

MILL VALLEY, Marin Co., Calif.: School buildings. Est. cost, \$40,000; Grant, \$18,000.

MODESTO, Stanislaus Co., Calif.: Hall of Records building. Est. cost, \$136,300; Grant, \$61,300.

MOORPARK, Ventura Co., Calif.: Construct and equip school building. Est. cost, \$67,473; Grant, \$30,273.

OAKLAND, Cal.: School shop bldg., gymnasium building, and nine existing school buildings. Est. cost, \$616,400; Grant, \$277,380.

ORANGE COUNTY, Cal.: Addition to school. Est. cost, \$60,000; Grant, \$27,000.

RAMONA, San Diego Co., Calif.: Additions & improvements to school. Est. cost, \$9500; Grant, \$4275.

SACRAMENTO Co., Calif.: Additions to County courthouse and jail. Est. cost, \$160,000; Grant, \$72,000.

SAN DIEGO, Cal.: School building. Est. cost, \$76,860; Grant, \$34,587.

SANTA MARIA, Santa Barbara Co., Calif.: Fire station. Est. cost, \$19,500; Grant, \$8,775.

SAN DIEGO, Cal.: Municipal building. Est. cost, \$370,000; Grant \$166,500.

SANTA MONICA, Los Angeles Co., Cal.: City Hall building. Est. cost, \$352,860; Grant, \$158,787.

ORANGE Co., Cal.: School building addition, swimming pool and natatorium building and reconstruction. Est. cost, \$100,904; Grant, \$15,107.

PASADENA, Cal.: Additions and alterations to school building. Est. cost, \$452,000; Grant, 203,400.

PETAJUMA, Sonoma Co., Calif.: School cafeteria building. Estimated cost, \$10,000; Grant, \$18,000.

LONG BEACH, Cal.: Additions to

Municipal building. Est. cost, \$140,000; Grant, \$65,000.

LOS ANGELES Co., Calif.: Shop building. Est. cost, \$45,000; Grant, \$20,250.

MERCED COUNTY, Calif.: New school building and additions to two existing school buildings. Est. cost, \$32,000; Grant, \$14,400.

MONTEREY COUNTY, Calif.: Alterations and additions to school building. Est. cost, 20,800; Grant, \$9,360.

STOCKTON, San Joaquin Co., Cal.: Three additional units and appurtenant work to cotton warehouse. Est. cost, \$76,364; Grant, \$34,364; Loan, \$42,000.

UPLAND, San Bernardino Co., Cal.: City hall and jail building. Estimated cost, \$74,300; Grant, \$33,439.

EAST NICOLAUS, Sutter Co., Cal.: School gymnasium. Est. cost, \$27,350; Grant, \$12,307.

FRESNO COUNTY, Cal.: Shower and locker rooms. Est. cost, \$18,000; Grant, \$8,100.

SOUTH WHITTIER, Los Angeles Co., Cal.: School reconstruction. Estimated cost, \$35,400; Grant, \$15,930.

LOS ANGELES, Cal.: Street improvement, bridges, etc. Est. cost, \$2,515,343; Grant, \$1,131,904.

LOS ANGELES, Cal.: Storm drain. Est. cost, \$103,700; Grant, \$46,665.

BURLINGAME, San Mateo Co., Cal.: Police station and jail. Est. cost, \$2,460; Grant, \$9207.

PASADENA, Cal.: Reservoir addition. Est. cost, \$90,400; Grant, \$40,650.

ALAMEDA COUNTY, Cal.: School reconstruction. Est. cost, 203,000; Grant, \$91,350.

DELANO, Kern Co., Calif.: (two projects) school buildings. Est. cost, \$178,362; Grant, 80,263; school addition. Est. cost, \$51,200; Grant, \$23,000.

EL CENTRO, Imperial Co., Calif.: School addition. Est. cost, \$6,850; Grant, \$3082.

HANFORD, Kings Co., Calif.: Fire station. Est. cost, \$38,635; Grant, \$17,383.

LOS ANGELES, Calif.: Fire engine bldg. Est. cost, \$1,999,000; Grant \$898,550; sewage pumping plant. Est. cost, \$37,936; Grant, \$17,072; recreation pier. Est. cost, \$71,500; Grant \$32,175; drainage system. Est. cost, \$236,102; Grant, \$106,246.

MCFARLAND, Kern Co., Calif.: School, etc. Est. cost, \$23,400; Grant \$10,530.

MODESTO, Stanislaus Co., Calif.: Hospital. Est. cost, \$87,273; Grant, \$39,273.

OAKLAND, Cal.: Sewer and street improvement. Est. cost, \$349,100; Grant, \$157,095.

PLACER COUNTY, Cal.: School reconstruction. Est. cost, \$37,980; Grant, \$17,091.

SAN MATEO Co., Cal.: County office bldg. Est. cost, \$240,000; Grant \$108,000.

SAN MATEO, San Mateo Co., Cal.: Firehouse, etc. Est. cost, \$27,600; Grant, \$12,420.

TURLOCK, Stanislaus Co., Calif.: Improve irrigation system. Est. cost \$300,000; Grant, \$135,000.

EUREKA, Siskiyou Co., Calif.: Hospital, etc. Est. cost, \$25,000; Grant, \$11,250.

OAKLAND, Alameda Co., Calif.: Steel framed two-leaf bascule bridge over Estuary to Alameda. Estimated cost, \$732,000; Grant, \$329,400.

VENTURA, Ventura Co., Calif.: Drainage. Estimated cost, \$318,181; Grant, \$143,151.

PALO ALTO, Santa Clara Co.: Municipal building, etc. Estimate cost, \$65,200; Grant, \$28,165.

SAN MATEO, San Mateo County School. Estimated cost, \$26,700; Grant, \$12,015.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1557	Carter	Tee Pee	3500
1558	Foss	Owner	10000
1559	Galli	Owner	3500
1560	Galli	Owner	3750
1561	Graham	Jacks	6500
1562	Harms	Owner	4000
1563	Nelson	Owner	5000
1564	Penney	Unit-Bilt	2500
1565-6	Doelger	Owner	2000
1567-9	Doelger	Owner	3000
1570	Doelger	Owner	4000
1571	Hor	Owner	2000
1572	Liebman	Owner	10000
1573-4	Meyer	Owner	4000
1575	Meyer	Owner	4500
1576	Shaw	Owner	1300
1577	Stoneson	Owner	40000
1578	Volain	Owner	3000
1579-80	Arco	Owner	4000
1581-82	Delucchi	Owner	3500
1583	Gilham	Dahlstrom	3000
1584-7	Lindsay	Owner	3600
1588	Petersen	Peterson	4800
1589	Prasso	North Calif	3800
1590	San Filippo	Owner	3500
1591	Waldrup	Cowan	3500
1592	Wilkie	Exposition	8000
1593	Carvello	Lambertson	1400
1594	Figani	Owner	1500
1595	Matire	Owner	3500
1596	Salgri	Coburn	1000

DWELLING
 (1557) S. LAKEVIEW, 375 E PLYMOUTH. One-story and basement frame dwelling.
 Owner—W. G. Carter, 224 Lakeview Ave.
 Contractor—Tee-Pee Constr. Co., 418 Munich St.
 Architect—E. Bergeron, 1005 Chestnut St. \$3500

ALTERATIONS
 (1558) 1450 CLAY ST. Alter apts.
 Owner—M. J. Foss, 1611 Franklin St.
 Contractor—Not Selected.
 Architect—Not Given. \$10,000

DWELLINGS (3)
 (1559) W. 40TH AVE., 25-50-75 N FULTON ST. Three 1-story and basement frame dwellings.
 Owner—R. F. Galli, 377 West Portal Ave.
 Architect—E. H. Denke, 1317 Hyde Street. \$3500 each

DWELLINGS (4)
 (1560) N. FULTON, 82-107-132-157 W 40TH AVE. Four 1-story and basement frame dwellings.
 Owner—R. F. Galli, 377 West Portal Ave.
 Architect—E. H. Denke, 1317 Hyde Street. \$3,750 each

ALTERATIONS
 (1561) 10 22ND AVE. Alter dwelling.
 Owner—Chalmers Graham, c/o Contractor.
 Contractor—Jacks & Irvine, 620 Market St.
 Architect—Francis E. Lloyd, 360 Pine Street. \$6,500

FACTORY
 (1562) S. BRANNAN, 75 W THIRD ST. One-story Class C factory.
 Owner—Hugo Harms, 1014 Howard Street.
 Engineer—Victor R. Sandner, 165 Hillcrest Road, Oakland.
 Architect—Not Given. \$4000

DWELLING
 (1563) E. 24TH AVE., 212 N OCEAN

AVE. One-story and basement frame dwelling.
 Owner—Fernando Nelson & Sons, Inc., 2901 19th Ave.
 Architect—Not Given. \$5000

ALTERATIONS
 (1564) 867 MARKET ST. Alter store.
 Owner—J. C. Penney Co., Prem.
 Contractor—The Unit-Bilt Fixture Co., 298 8th St.
 Architect—Not Given. \$2500

DWELLING
 (1565) S. KIRKHAM, 82 W 44TH AVE. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$2000

DWELLING
 (1566) S. KIRKHAM, 57 W 44TH AVE. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$2000

DWELLING
 (1567) NE 40TH AVE. AND KIRKHAM. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3000

DWELLING
 (1568) NW 39TH AVE. AND KIRKHAM. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3000

DWELLING
 (1569) NW 39TH AVE. AND KIRKHAM. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$3000

DWELLING
 (1570) W. 41ST AVE., 150 S JUDAH. One-story and basement frame dwelling.
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.
 Architect—Not Given. \$4000

ALTERATIONS
 (1571) 1151 GOLDEN GATE AVE., Alter dwelling.
 Owner—Alfred Hor, 216 Filbert St.
 Architect—Not Given. \$2000

APT. HOUSE
 (1572) W. LAGUNA, 62 S WASHINGTON. Six-story apt. house.
 Owner—E. Liebman, 3319 Fillmore Street.
 Architect—I. Goldstein, 1200 Oak St. \$100,000

DWELLING
 (1573) NE TERESITA, 99 NW REPOSA WAY. One-story and basement frame dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4000

DWELLING
 (1574) NE TERESITA BLVD., 139 NW REPOSA WAY. One-story and basement dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4000

DWELLING
 (1575) NE TERESITA BLVD., 257 NW REPOSA. Two-story and basement frame dwelling.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not Given. \$4500

ALTERATIONS
 (1576) 2775 40TH AVE. Alter dwelling.
 Owner—C. Shaw, Premises.
 Architect—Not Given. \$1300

DWELLING
 (1577) SW COR. JUNIPERO SERA BLVD. AND EUCALYPTUS DRIVE. Three-story and basement frame dwelling.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Angus McSweeney, 604 Market St. \$40,000

ALTERATIONS
 (1578) S. INNES, 75 E GRIFFITH. Alter dwelling and studio.
 Owner—Adrien Alex Volain, 1086 Post St.
 Architect—Not Given. \$3000

DWELLING
 (1579) SW SHAWNEE and Cayuga. One-story and basement frame dwelling.
 Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
 Architect—Not Given. \$4,000

DWELLING
 (1580) NW MT. VERNON & Cayuga. One-story and basement frame dwelling.
 Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
 Architect—Not Given. \$4,000

DWELLING
 (1581) S SAN JOSE 75 E Rice St. One-story and basement frame dwelling.
 Owner and Builder—Richard Delucchi, 3275 San Bruno Avenue.
 Architect—Not Given. \$3,500

DWELLING
 (1582) S SAN JOSE 50 E Rice St. One-story and basement frame dwelling.
 Owner and Builder—Richard Delucchi, 3275 San Bruno Avenue.
 Architect—Not Given. \$3,500

DWELLING
 (1583) E CONRAD 85 N Arbor. One-story and basement frame dwelling.
 Owner—W. H. Gibson, 1023 Chenery.
 Contractor—Gust Dahlstrom, 160 Castro Street.
 Architect—Not Given. \$3,000

DWELLING
 (1584) W 37th AVE. 475 N Kirkham. One-story and basement frame dwelling.
 Owner and Contractor—C. T. Lindsay, 820 Taraval Street.
 Architect—Not Given. \$3,600

DWELLING
 (1585) W 37th AVE. 400 N Kirkham. One-story and basement frame dwelling.
 Owner and Contractor—C. T. Lindsay, 820 Taraval Street.
 Architect—Not Given. \$3,600

DWELLING
 (1586) W 37th AVE. 450 N Kirkham. One-story and basement frame dwelling.
 Owner and Contractor—C. T. Lindsay, 820 Taraval Street.
 Architect—Not Given. \$3,600

DWELLING (1587) W 37th AVE. 425 N Kirkham. One - story and basement frame dwelling.	1508 Port. Oak. 1509 Pressler 1510 Altieri 1511 Barthold 1512 Lurie 1513 Martin 1514 McMullin 1515 Tate 1516 Hultgren 1517 Lukanish 1518 Peshel 1519 Starr 1520 Cembura 1521 Kann 1522 Marshall 1523 Novell 1524 Within 1525 Griffiths 1526 Hollman 1527 Johnson 1530 Spencer 1531 Srigley 1532 Thompson 1533 Tisher 1534 Wallin	Owner Newman Baker Owner Spaulding Wierk Owner Owner Witt Owner Jackson Cembura Almquist Owner Owner Walker Owner Wallace Johanson Owner Owner Johnson Owner	3900 4500 6000 1400 3000 4000 1000 4000 4000 1500 2000 3000 5100 5000 2700 2875 3000 4700 3200 3000 6000	DWELLING (1506) 1551 9TH, BERKELEY. 1-story 5-room frame dwelling and garage.	Owner & Builder—Western Construction Co., 219 Richfield Building, Oakland.	Plans by Owner.	\$2500			
DWELLING (1588) E 29th AVE. 225 N Rivera. One - story and basement frame dwelling.	Owner—M. Petersen, 4505 Cabrillo. Contractor—H. L. Petersen Const. Co. 731 Treat Avenue.	Architect—Not Given.	\$4,800	DWELLING (1507) 2604 MOUNTAIN BLVD., OAKLAND. One-story 5-room dwelling.	Owner—Martha M. McDowell, 621 7th Ave., San Francisco.	Contractor—Victor E. Sigge, 3912 Linwood Ave.	Architect—Not Given.	\$4000		
DWELLING (1589) S LAKEVIEW 100 W Caine. One - story and basement frame dwelling.	Owner—Felix Prasso, 38 Caine Ave. Contractor—Northern Calif. Builders, 56 Los Olivos Avenue.	Architect—Not Given.	\$3,800	WAREHOUSE (1508) FOOT OF 8TH AVE., OAKLAND. One-story warehouse.	Owner & Builder—Port of Oakland, Grove Street Pier.	Architect—Not Given.	\$3900			
DWELLING (1590) W 26th AVE. 125 S Quintara. One - story and basement frame dwelling.	Owner and Builder—Phll San Filippo, 6134 Geary Street.	Architect—Not Given.	\$3,500	DWELLING (1509) 3007 HYDE ST., OAKLAND. One-story 5-room dwelling.	Owner & Builder—Walter Pressler, 1419 Excelsior Ave.	Architect—Not Given.	\$4500			
DWELLING (1591) W 32nd AVE. 125 S Rivera. One - story and basement frame dwelling.	Owner—O. Waldrup, 925 Taraval. Contractor—Stanley Cowan, 924 Taraval Street.	Architect—D. E. Jaekle, 126 Post St.	\$3,500	DWELLING (1510) 1269 CAROLINE ST., ALAMEDA. Two-story 5-room dwelling.	Owner—Joe D. Altieri, 2228 Telegraph Ave., Oakland.	Contractor—C. C. Newman, 507 Brannan St., San Francisco.	Architect—George E. Ralph, 110 Sutter St., San Francisco.	\$6,000		
ALTERATIONS (1592) 500 SUTTER ST. Alter restaurant.	Owner—Carl Wilke, 111 Sutter St. Contractor—Exposition Woodworking Co., 661 Golden Gate Ave.	Architect—Wm. Clement Ambrose, 244 Kearny St.	\$8,000	ADDITIONS (1511) 534 ARLINGTON BERKELEY. Additions.	Owner—R. M. Barthold, premises.	Contractor—W. J. Baker, 2255 Ransome Ave., Oakland.	Architect—Not Given.	\$1400		
ALTERATIONS (1593) 239 JEFFERSON. Alter tavern.	Owner—Carvello, premises. Contractor—Lambertson Sales Co., 942 Mission St.	Architect—Not Given.	\$1,400	SERVICE STATION (1512) 1800 PARK ST., ALAMEDA. Service station.	Owner and Builder—The Lurie Co., 1540 San Pablo Ave., Oakland.	Architect—Not Given.	\$3,000			
DWELLING (1594) W BRUSSELS 65 S Woolsey. One-story frame dwelling.	Owner and Builder—John Figani, 301 Woolsey Street.	Architect—Not Given.	\$1,500	DWELLING (1513) 2415 ROOSEVELT DRIVE, ALAMEDA. One - story 5 - room dwelling.	Owner—Fred C. Martin, 3108 Adams St., Alameda.	Contractor—P. Spaulding, 1511 Union St., Alameda.	Architect—Not Given.	\$4,000		
DWELLINGS (1595) W CHESTER AVE. 50, 75, 25 S Palmeto and SW Chester Ave. and Palmetto. Four 1-story and basement frame dwellings.	Owner and Builder—Matire & Alesandri, 766 Silver Avenue.	Architect—Not Given.	\$3500 each	ALTERATIONS (1514) 1133 SPRUCE ST., BERKELEY. Alterations.	Owner—B. McMullin, 1444 Franklin St., Oakland.	Contractor—Nick Wierk, 302 15th St. Oakland.	Architect—Not Given.	\$1,000		
REPAIRS (1596) 1185 PINE ST. Repair fire damage.	Owner—Fred Salgri, c/o contractor. Contractor—J. W. Coburn, 2048 Market Street.	Architect—Not Given.	\$1,000	DWELLING (1515) 803 CENTRAL AVE., ALAMEDA. One-story 5-room dwelling.	Owner and Builder—S. J. Tate, 5317 Broadway, Oakland.	Architect—Not Given.	\$4,000			
ALAMEDA COUNTY				DWELLING (1504) 3331 NEVIL ST., OAKLAND. Addition.	Owner & Builder—Geo. Wurthman, Prem.	Architect—Not Given.	\$1100			
No. Owner Contractor Amt.	1498 Brasch Brasch 4000	1499 Anderson Wierk 2950	1500 Buchanan Haulman 6000	1501 Little Little 5000	1502 Nakano Alitchison 3000	1503 West Robins 3800	1504 Wurthman Owner 1100	1505 Alack West Constr. 2500	1506 West. Constr. Owner 2500	1507 McDowell Sigge 4000
DWELLING (1505) 995 VIRGINIA, BERKELEY. One and one-half-story 4-room frame dwelling and garage.	Owner—J. D. Alack, Prem. Contractor—Western Constr. Co., 219 Richfield Bldg., Oakland.	Plans by Contractor.	\$2500	DWELLING (1516) 4208 WILSHIRE BLVD., OAKLAND. One-story 5-room dwelling.	Owner and Builder—L. A. Hultgren, 1353 E 32nd St., Oakland.	Architect—Not Given.	\$4,000	ALTERATIONS (1517) 1545 THIRD AVE. OAKLAND. Alterations.	Owner—Mary Lukanish, premises.	

Contractor—J. H. Witt, 882 56th St., Oakland.
 Architect—Not Given. \$1,500

DWELLING
 (1515) 2517 99th AVE., OAKLAND.
 One-story 6-room dwelling.
 Owner and Builder—C. O. Pechel, 4276 Fruitvale Ave., Oakland.
 Architect—Not Given. \$3,650

ALTERATIONS
 (1519) 975 GRACE ST., OAKLAND.
 Alterations and addition.
 Owner—S. G. Starr, 975 Grace St.
 Contractor—S. C. Jackson, 8514 Terrace Drive, El Cerrito.
 Architect—Not Given. \$1,500

DWELLING
 (1520) 2106 CALIFORNIA, BERKELEY.
 One-story frame dwelling and garage.
 Owner—Mrs. C. Cembura, 1542½ Addison St.
 Contractor—J. F. Cembura 1542½ Addison St.
 Architect—Not Given. \$2,000

ALTERATIONS
 (1521) 137 HAGAR AVE., PIEDMONT.
 Alterations.
 Owner—W. D. Kann, premises.
 Contractor—T. M. Almqvist, 824 Paloma Ave., Oakland.
 Architect—Not Given. \$1,500

DWELLING
 (1522) 904 WASHINGTON ST., ALBANY.
 One-story 5-room frame dwelling.
 Owner and Builder—H. E. Marshall, 1232 Marin Avenue.
 Architect—Not Given. \$3,000

DWELLING
 (1523) 1463 GARFIELD, ALBANY.
 One-story 6-rm. frame dwelling.
 Owner and Builder—R. J. Novell, 817 Ramona.
 Architect—C. L. Sherwood. \$5,100

DWELLING
 (1524) 2712 SHASTA ROAD, BERKELEY.
 Two-story 6-rm. frame dwelling and garage.
 Owner—Mr. and Mrs. B. E. Within.
 Contractor—J. M. Walker, 401 Spruce.
 Architect—McSweeney & Hiller, 604 Mission St., S. F. \$5,000

DWELLING
 (1525) 4200 LINNETT AVE., OAKLAND.
 One-story 5-rm. dwelling.
 Owner and Builder—E. O. Griffiths, 1207 60th Avenue.
 Architect—Not Given. \$2,700

ALTERATIONS
 (1526) 452-94 SEVENTH ST., OAKLAND.
 Alterations.
 Owner—Fred W. Hollman, 100 Sutter St., San Francisco.
 Contractor—F. J. Wallace, 907 Washington Street.
 Architect—Not Given. \$2,875

DWELLING
 (1527) 2771 FRAZIER AVE., OAKLAND.
 One-story 5-rm. dwelling.
 Owner—Hulda Johnson.
 Contractor—K. A. Johanson, 2057 High Street.
 Architect—Not Given. \$3,000

DWELLING
 (1528) 8340 OUTLOOK AVE., OAKLAND.
 One-story 5-rm. dwelling.
 Owner and Builder—M. J. Kirby, 1540 90th Avenue.
 Architect—Not Given. \$4,150

DWELLING
 (1529) 3520 65th AVE., OAKLAND.
 One-story 4-room dwelling.
 Owner—Henry Rottger.
 Contractor—C. P. Pond, 1056 Ardmore Avenue.
 Architect—Not Given. \$3,900

DWELLING
 (1530) 2320 109th AVE., OAKLAND.
 One-story 5-room dwelling.
 Owner—T. G. Spencer, 1900 Seminary Avenue.
 Architect—E. R. MacDonald, 847 Kingston Ave. \$4,700

DWELLING
 (1531) 3043 CARLSEN ST., OAKLAND.
 One-story 5-rm. dwelling.
 Owner and Builder—Herbert S. Srigley, 1617 Ocean View Ave., Berkeley.
 Architect—Not Given. \$3,000

ADDITION
 (1532) 2855 73th AVE., OAKLAND.
 Addition.
 Owner and Builder—Wm. Thompson, premises.
 Architect—Not Given \$1,200

DWELLING
 (1533) 2326 DASHWOOD AVENUE, OAKLAND.
 Two-story 6-room dwelling.
 Owner—C. R. Tisher, 6127 Foothill Boulevard.
 Contractor—E. Johnson, 6127 Foothill Boulevard.
 Architect—Not Given. \$5,000

DWELLING
 (1534) 5259 HARBORD DR., OAKLAND.
 Two-story 7-rm. dwelling.
 Owner and Builder—Folke Wallin, 7529 Outlook Avenue.
 Architect—Not Given. \$6,000

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
337	Fredrick	Cornblum	7500
338	S. P. Co.	Jacks	.....
339	Easley	Tait	22175

DWELLING
 (1537) N. JUDAH, 82 W 18TH AVE.
 One-story and basement frame dwelling.
 Owner—Mabel C. Fredrick.
 Contractor—Edward Cornblum, 2204 4th Ave.
 Filed June 30, '33. Dated June 30, '33
 Roof on—25%.
 Brown coated—25%.
 Completion—25%.
 Usual 35 days—25%.
 TOTAL COST, \$7,500.00
 Bond, \$3,750. Sureties, C. E. Reinhardt Co., Inc. and Dominic J. La Ferla. Limit, 90 days. Plans and specifications filed.

EXTENSION OF TIME on construction of steel frame penthouse.
 (338) GENERAL HOSPITAL, Fell and Bakers Sts. Construction of steel frame penthouse.
 Owner—Southern Pacific Company.
 Architect—Not Given.
 Contractor—Jacks & Irvine and U. S. Guarantee Co., 620 Market St. Filed, Dated, June 21, 1933.
 Payments and total cost not given.

FACTORY AND GARAGE
 (339) BLOCK bounded by San Bruno Ave., Hilton, Jarboe Ave. and Holladay Avenue. One-story and mezzanine factory building and Class C garage.
 Owner—Wallace H. Easley, 525 Miramar Avenue.
 Architect—Not Given.
 Contractor—W. C. Tait, Inc., 1395 Trestle Glen Road, Oakland.
 Filed, Dated, June 30, 1933.
 Payments Not Given.
 TOTAL COST, \$22,175

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
199 Signal Oil	Early	2505

SERVICE STATION
 (199) SAN PABLO AVE. and 1st St., Oakland. Service station.
 Owner—Signal Oil Co., 2001 Third St., Oakland.
 Architect—Not Given.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.
 Filed, July 2, '33. Dated, July 1, '33.
 Progress payments 1st of each mo. Upon completion 75%
 Thirty days 25%
 TOTAL COST, \$2505
 Limit, 90 days. Plans and Specifications filed.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$252; 210 Magnolia Ave., Piedmont; owner, H. Bronson, premises; contractor, D. D. McKenzie, 2222 Grove St., Oakland.

ALTERATIONS, \$90; 117 Nova Dr., Piedmont; owner and contractor, Frank W. Sprague, 117 Nova.

ALTERATIONS, \$496; 852 Olive Ave., Piedmont; owner, Lillian M. Vaughn, premises; contractor, Chas. W. Slack, 2412 Acton Ave., Oakland.

ROOFING, \$165; 230 El Cerrito Ave., Piedmont; owner, E. M. Ross, premises; contractor, Crown Roof Co., 1911 E 12th St., Oakland.

ALTERATIONS, \$200; 1058 Peralta, Albany; owner, L. Latham, 189 Vernon Ter.; contractor, F. E. Allen, 1918 Prince St.

ALTERATIONS, \$238; 1026 2333; 1026 Peralta, Albany; owner, J. H. Evans, premises; contractor, F. E. Flaherty, 5243 Telegraph.

ALTERATIONS, \$600; 1400 McGee, Berkeley; owner, F. Nurni, 1400 McGee; contractor, McChesney & McChesney, 1045 Aileen.

ADDITIONS, \$850; 1313 San Pablo, Berkeley; owner, C. Sortie, 1313 San Pablo; contractor, A. Icardi, 972 Aileen.

ADDITIONS, \$300; 139 Forest Lane, Berkeley; owner and contractor, S. F. Dutton, premises.

REPAIR fire damage, \$200; 69 San Mateo Rd., Berkeley; owner, W. H. Hinge, premises; contractor, W. L. Brodrick, 835 Peralta Ave.

FIRE repairs, \$171; 1315 Wellington St., Oakland; owner, W. Gibson, premises; contractor, W. A. Rose, 478 25th St.

ROOF repairs, \$7; 545 Valle Vista Ave., Oakland; owner, V. Pavlinger; contractor, Guy Tyler and Sons, 1502 Cedar St., Berkeley.

ROOF repairs, \$13; 215 29th Street, Oakland; owner, M. Vonderbeck; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

ROOF repairs, \$12; 3414 Morrison St., Oakland; owner, Mrs. Kenney; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

ALTERATIONS, \$125; 311 Hanover Ave., Oakland; owner and builder, Aug. Bergen, premises.

REPAIRS, \$300; 72 Eucalyptus Rd., Oakland; owner, S. G. Swanberg; contractor, O. L. Burritt, 427 63rd St.; structural pest control, \$35.

ALTERATIONS, \$800; 3822 Market St., Oakland; owner and contractor, G. B. Hancock, premises.

ADDITION, \$25; 620-24 9th Street, Oakland; owner, D. E. Rose, 620 Ninth St.

SIGN, wood, \$15; 341 14th St., Oakland; owner and contractor, Wilson Sporting Goods Co., prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Lanks, Stores and Theatres |
| 7.—Federal Buildings | 17.—Wharves & Docks |
| 8.—Club Buildings | 18.—Misc. Const. |
| 9.—Hospitals | 19.—Misc. Supplies & |
| 10.—Hotels | |

1—APARTMENTS

Planned
ALTERATIONS Cost, \$10,000
SAN FRANCISCO. 1450 Clay Street. Alterations to apartment house. Owner—M. J. Foss, 1611 Franklin St. Architect—Not Given.
 Contractor—Not Selected. 1

To Be Done By Day's Work
APARTMENTS Cost, \$100,000
SAN FRANCISCO. W. Laguna, 62 S. of Washington St.
 Six-story apartment house. Owner & Builder—B. Liebman, 3319 Fillmore St.
 Plans by I. Goldstein, 1200 Oak St. 1

4—FACTORIES & WAREHOUSES

CONTRACT AWARDED
LOS ANGELES, Cal.—The Austin Co., 777 E. Washington Blvd., Los Angeles, awarded general contract by Swift & Co., 3750 Jewel Avenue, Vernon, for a new meat packing plant to be constructed at the company's local headquarters at above address.

The plant will consist of a 5-story reinforced concrete killing building, 115x137-ft. in area; a 6-story reinforced concrete killing cooler building, L-shape, 168x144-ft.; a 4-story reinforced concrete manufacturing building, 141x124-feet; a structural steel and timber stock drive and storage pens; asphalt and crushed stone paving, and sewerage and drainage system, wrecking of existing structure is included. The owner will furnish and install elevators and cattle drop, packing house equipment, insulation permanent electric wiring, permanent heating system, refrigeration piping and equipment, permanent water piping, steel smoke-stack doors and double leaf elevator coors. 4

Contract Awarded
WAREHOUSE Cost, \$21,175
CAMPBELL, Santa Clara Co., Calif. Two and part 3-story frame warehouse.
 Owner—Prune and Apricot Growers' Association
 Architect—Binder & Curtis, 25 West Carlos St., San Jose.
 Contractor—Bridges Const. Co., 1398 Lincoln Ave., San Jose.
 Complete bids were:
 Bridges Construction Co. \$21,175
 Nielsen & Erbenbraut. 21,900
 Carl N. Svenson Company. 21,935
 E. A. Hathaway. 21,985
 E. Beckett. 23,930

CONTRACT AWARDED
LOS ANGELES CO., Calif.—(Florence Dist.)—Jones-Hettelsater Construction Co., 600 Mutual Bldg., Kansas City, Mo., will build a reinforced concrete malt house and a grain elevator at 6500 Malt St., or Union Dr., Florence dist., for Miller Maiting Co., 1004 Hollywood Guaranty Bldg.; Edward Wilkes, Jr., architect-engineer, 600 Mutual Bldg., Kansas City, Mo. Approx. cost \$170,000. Construction is scheduled to start shortly. 4

6—GARAGES & SERVICE STATIONS

Sub Contracts Awarded
BUS TERMINAL Est. Cost, \$100,000
EMERYVILLE, Alameda Co., Calif. Block bounded by San Pablo Ave., 45th, 47th and Watts Sts. New steel frame and reinforced concrete motor coach terminal.
 Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove Street, Oakland.

Architects—Kent & Hass, Underwood Bldg., San Francisco.

Contractor — Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.

Roofing—General Roofing Co., 3985 Beach St., Oakland.

Plumbing and Mechanical Work—The Scott Co., 113 Tenth Street, Oakland.

Electric Wiring—Scott Buttner Electric Co., 2214 Webster St., Oakland.

Misc. Iron and Structural Steel—Fair Mfg. Co., 617 Bryant St., San Francisco.

Lumber—E. K. Wood Lumber Co., 1 Drumm St., San Francisco.

Painting—Raphael Co., 270 Tehama St., San Francisco.

Concrete—Transit Concrete, Ltd., 2500 Peralta St., Oakland.

Steel Sash—Detroit Steel Products Co., 111 Sutter St., San Francisco.

Toilet Partitions—Trask & Squier, 39 Natoma St., San Francisco.

(996) 1st report Nov. 11, 1936; 3rd (996) 1st report Nov. 11, 1937; 3rd May 16, 1938. * 6

7—FEDERAL BUILDINGS

BIDS WANTED
PORT AU PRINCE, Haiti.—Until August 3, 1 P.M., bids will be received by the Foreign Bldgs. Office, Department of State, Washington, D. C., for the construction complete of the U. S. Legation Office Bldgs at Port Au Prince, Haiti.
 Plans and specifications may be obtained from the above office. No deposit required for one set of plans.

BIDS WANTED
MANILA, P. I.—Until July 20, 1 P.M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing a complete elevator plant in the U. S. High Commissioner's office and Residence at Manila, P. I. Specifications and drawings (if any) obtainable from the above office. No deposit required. 7

BIDS WANTED
LOS ANGELES, Calif.—Until Aug. 12, 1:30 P.M., bids will be received by the Veterans' Administration, 764

Arlington Bldg., Washington, D. C., for Continued Treatment Bldgs Nos 206 and 207, at Los Angeles. Est. cost, \$693,310.

Project consists of two bldgs., each containing 764,000 cubic feet, and the work will include excavating, reinforced concrete, hollow concrete units, hollow bldg. tile, cut stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel window equipment, steel stairs, steel shelving, tile roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, etc.

Plans and specifications may be obtained after July 8 from the Supervising Supt. of Construction, Veterans' Administration, Facility, Palo Alto and from the Construction Service, Room 764, Arlington Bldg.,

BIDS WANTED
PALO ALTO, Santa Clara Co., Calif.—Until August 12, 1:30 P. M., bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for construction of Infirmary Bldg. No. 137, at Palo Alto. Est. cost, \$345,145.

Building contains approximately 764,000 cubic feet and the work will include excavating, reinforced concrete, hollow concrete units, hollow building tile, cut stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel window equipment, steel stairs, steel shelving, tile roofing, metal lathing, plastering, carpentry, insulation, acoustical treatment, insect screens, window shades, painting, glazing, hardware, plumbing heating, electrical work, electric elevator, and such other items as shown or specified. Separate bids will be received for (1) General Construction, including plumbing, heating and electrical work; and (2) Electric elevator.

Plans and specifications may be obtained after July 9 from the Supervising Supt. of Construction, Veterans' Administration, Palo Alto, and from the Construction Service, Room 764, Arlington Bldg., Wash., D. C. No deposit required.

Bids Wanted—To Close August 5, 1 P. M.
POST OFFICE Est. Cost, \$110,000
RICHMOND, Contra Costa Co., Calif. New United States Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

BIDS OPENED
SAN FRANCISCO. — Nick Hemmings, 627 38th Ave., at \$3,245 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for general changes in roof, 357 and 359, and installation of windbreak at pavilion at the U. S. Marine Hospital, S. F.
 Complete bids were:
 Nick Hemmings, \$3,245.
 Fred J. Early Jr., \$3,320.
 Frank J. Relly Co., \$3,431.

Funds Allotted POSTOFFICE.
MILL VALLEY, Marin Co., Calif.
 U. S. Post Office.
 Owner—U. S. Government.
 Plans by Supervising Architect, Treasury Dept., Washington, D.C.
 FWA grant of \$75,000 allotted to cover cost of site and construction of postoffice.

Bids Wanted—To Close July 26, 11 A. M.
MAINTENANCE BLDG.
HICKAM FIELD, T. H.
 Construction of Quartermaster Maintenance Building.
 Owner—U. S. Government.

Plans prepared by the Office of the Quartermaster General, Constr. Division, Washington, D. C.
 Plans and specifications may be obtained from the Constructing QM, Hickam Field, T. H., upon deposit of \$10, returnable; certified check payable to Finance Officer, U. S. Army, Honolulu, T. H.

A copy of plan and specifications are on file in the Office of the Constructing Quartermaster, Fort Mason.
 It was previously reported in error bids would be opened at Fort Mason, however, they will be opened at Hickam Field. *
 (4186) 1st rep. July 6, 1938. 7

CONTRACT AWARDED
FORT MASON, Cal.—Conrad B. Sovig Co., at \$1,945 for work completed, awarded contract by the War Department, Office of the Port Quartermaster, Fort Mason, for waterproofing shed on Pier No. 1 (Bldg. No. 48) Fort Mason.

BIDS OPENED POST OFFICE
EUGENE, Oregon.
 Construction of U. S. Post Office.
 Owner—U. S. Government.

Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

LOW BIDDER—George Isackson Co., 334 Worcester Bldg., Portland, Ore., (\$194,450).
 Complete bids were:
 George Isackson Co., Portland, Ore., Item 1, \$194,450, Alt. 1 add \$250.
 A. F. Mowat Const. Co., Seattle, Wash. (no bond) Item 1, \$196,988 Alt. 1 add \$100.

R. E. Hammond Const. Co., Portland, Ore., Item 1, \$197,097, Alt. 1 add \$500.
 Dougan-Hammond, Portland, Ore., (Const. Co.) Item 1, \$204,885, Alt. 1 add \$200.

James I. Barnes Const. Co., Santa Monica, Calif., Item 1 \$207,121, Alt 1 add \$325.

Lundberg-Richter Co., Inc., Salinas, Kan., Item 1, \$209,700 Alt. 1 \$500.
 Mc Donald Const. Co., St. Louis, Mo., Item 1, \$209,840, It 1 add \$300.
 L. H. Hoffman, Portland, Ore., Item 1, \$211,400, Alt. 1 add \$650.

Dolph-Batson Const. Co., Dallas, Tex., Item 1, \$211,963, Alt. 1 add \$300.
 Vlesko & Hannaman, Salem, Ore., Item 1, \$216,748, Alt. 1 add \$300.
 Joseph A. Bass Co., Mpls., Minn., Item 1, \$218,700, Alt. add \$300.
 Chervenky & Reveman, Portland, Ore., Item 1, \$219,996, Alt. 1 add \$437.
 Joseph H. Anderson, Portland, Ore., Item 1, \$222,575, Alt. 1 add \$600.
 (53) 1st rep. May 27, 1938. * 7

Bids Wanted—To close July 26.
MAINTENANCE BLDG.
HICKAM FIELD, T. H.
 Construction of Quartermasters Maintenance Bldg.
 Owner—U. S. Government.
 Plans prepared by the Office of the Quartermaster General, Constr. Division, Washington, D. C.

Bids will be opened at the office of the Construction Quartermaster, Fort Mason, San Francisco.

CONTRACT AWARDED
CENTRALIA, Wash. — Neuman Bros., McMinnville, Ore., at \$780, awarded contract by the Procurement Division, Public Bldgs. Branch, Wash. D. C., for painting plaster at the U. S. P. O. at Centralia.

CONTRACT AWARDED
SAN DIEGO, Calif.—Schiefer & Sons, San Diego, at \$17.15 submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for glazed counter screens at the U. S. P. O. at San Diego.

CONTRACT AWARDED
POINT ARGUELLO, Santa Barbara Co., Cal.—Blaw Knox Co., Pittsburgh, Pa., at \$5,832 awarded contract by the Department of Commerce Lighthouse Service, Room 425, Custom House, San Francisco, for furnishing and erecting in place, one Ghyed Type Vertical Radiator, at the Point Arguello Light Station, nr. Arlight, Santa Barbara County.

Funds Allotted IMPROVEMENTS Cost, \$.....
ALCATRAZ ISLAND, Calif.
 Construction of marine water lines, modernization of fire protection facilities, sea wall protection, rebuilding wharf, construction of receiving building on dock, improvements to power plant, electric distribution lines and sewers at Alcatraz Island Penitentiary. Project No. O.P-752-06-1.

Owner—Department of Justice, Bureau of Prisons, Washington, D.C. Architect—Not Given.
 PWA grant of \$1,100,000 allotted. 7

BIDS WANTED—OPENING DATE NOT SET

COCO SOLO, C. Z.—Bids are now being received by the Bureau of Yards and Docks, Navy Department Washington, D. C., for an extension to a hangar at the Naval Fleet Air Base, Coco Solo, C. Z. Spec. 7993. Est. cost, \$135,000.

Work includes wood piles, concrete, structural steel, built-up roofing, corrugated asbestos sheet siding, metal doors and windows, a drainage system, and electrical work.

Specifications obtainable from the Bureau and from the Commandant, 15th Naval District, Balboa, C. Z., upon deposit of check or postal money order for \$20, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED
LOS ANGELES, Calif.—Until July 26, 1 p.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for elevator plant in the Parcel Post Bldg., NE Cor. Alameda and Macy Streets, Los Angeles. * 7

BIDS OPENED
COLVILLE, Wash.—R. A. Neuman, McMinnville, Ore., at \$6,529, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for remodeling basement at the U. S. Post Office at Colville. Only other bid submitted by Fred R. Comb Co., Minneapolis, Minn., at \$6,885. 7

BIDS WANTED
RENO, Nevada.—Until July 15 bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for hoisting cables at the U. S. P. O. at Reno, Nev. 7

BIDS OPENED
VENTURA, Ventura Co., Calif.—Pacific Fence Const. Co., Los Angeles, at \$235.00 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for chain link fence at the U. S. P. O. at Ventura.
 Complete bids were:
 Pacific Fence Const. Co., L. A., \$235.00
 Anchor Post Fence Co., Baltimore, Md., 278.38
 Wickwire - Spencer Steel Co., San Francisco 286.67
 Nick Hemminga, S. F. 425.00
 * 7

Funds Allotted BARRACKS Cost, \$.....
MARCH FIELD, Riverside Co., Calif.
 Construction of additional barracks (330).
 Owner—U. S. Government, War Department, Quartermaster General, Washington, D. C.
 PWA grant of \$330,000 allotted.

CONTRACT AWARDED
ALCATRAZ ISLAND, Cal.—Ben C. Gerwick, Inc., 112 Market Street, San Francisco, at \$1,161 awarded contract by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for repairing the wharf at Alcatraz Island; Spec. No. 61. * 7

CONTRACT AWARDED
FORT LYON, Colo.—Bellis Wire Works, Brooklyn, N. Y., at \$13,447 awarded contract by the Veterans' Administration, Arlington Building, Washington, D. C., for furnishing and installing wire grilles for Bldg. No. 201, at Fort Lyon.

BIDS WANTED
HILO, Hawaii.—Until August 16, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counter at the U. S. P. O., Custom House and Court House at Hilo. Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Hilo. 7

BIDS WANTED
MONTEBELLO, Los Angeles Co., Cal.—Until July 14, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for clock receptacle at the U. S. Post Office at Montebello. 7

BIDS OPENED
FORT LYON, Colo.—Long Beach Marble & Tile Co., Long Beach, Cal., at \$3,260, submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for Marble and Tile in Bldg. No. 201, Fort Lyon, Colo.

Complete bids were:
 Long Beach Marble & Tile Co., Long Beach, Cal., \$3,260.
 F. E. Gates Marble & Tile Co., Indianapolis, Ind., \$4,146.
 Colorado Tile Co., Denver, Colo., \$4,250.
 John E. Reeves & Co., Denver, Colo., \$4,498.
 S. W. Tile & Floor Co., Oklahoma City, Okla., \$4,644.
 Denver Marble & Tile Co., Denver, Colo., \$4,679.
 B. U. Collins, Los Angeles, Calif., \$5,500.

CONTRACT AWARDED
EVERETT, Wash.—Berger-Greggs Co., 936 Commerce St., Tacoma, at \$2,197 awarded contract by the Procurement Division, Public Bldgs. Branch, Wash., D.C., for remodeling of old boiler and oil burning equipment and installation of new boiler and equip. at the U. S. P. O., at Everett.

Bids Opened
REPAIR HANGARS
 HICKAM FIELD, T. H.
 Construction and completion of the Air Corps Repair Hangars; Bids No. 397-38-35.

Owner—U. S. Govt. (Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H.)
 Plans prepared by the Office of the Quartermaster General, Constr. Division, Washington, D. C.

Bids were received as follows: (Item 1) work complete; (Item 2) add if composite piling is omitted and cast-in place concrete piles are used; (Item 3) add if composite piling is omitted and H-section piles used; (Item 4) unit prices.

Following bids on Items 1, 2 and 3 received by the Constructing Quartermaster, Fort Mason, S. F.:
 Robt. E. McKee, 1228 Central Bldg., Los Angeles: (1) \$447,000; (2) \$3000; (3) \$14,000.

Pioneer Const. Co., Seattle: (1) \$475,700; (2) \$6000; (3) \$13,000.
 H. Mayson, Los Angeles: (1) \$491,900; (2) \$7500; (3) \$15,900.

MacDonald & Kahn Co., Ltd., San Francisco. (1) \$503,305; (2) \$10,000; (3) \$14,000.

Viking Const. Corp., New York City: (1) \$564,728; (2) \$11,250; (3) \$15,100.

Following two low bids on Item 1 received by the Purchasing & Contracting Officer, Hickam Field, T. H. Robert E. McKee, L. A. \$450,000
 Walker & Olund, Honolulu \$474,578

Bids Wanted—To Close Aug. 23.
POSTOFFICE Est. Cost, \$75,000
 MANTECA, San Joaquin Co., Calif.
 Construction of U. S. Post Office.
 Owner—U. S. Government.
 Plans prepared by Supervising Architect of the Treasury Department Washington, D. C.
 Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. (4386)

CONTRACT AWARDED
 SONOMA COUNTY, Cal.—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito, at \$52,820 awarded contract by the U. S. Department of Agriculture, Farm Security Administration, 85 Second St., San Francisco, for construction complete, of Community Buildings and Facilities at the Sonoma Unit of the California Migratory Labor Camps Project near Healdsburg, Sonoma County. Spec. FSAC-51.

BIDS OPENED
 SAN FRANCISCO—Scott Co., Inc., 243 Minna St., at \$1,117 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C. for plumbing work involving installation of five urinals in toilet room, installation of one compression tank and welding of one compression tank now in place and re-tubing of hot water heater of heating system, at the U. S. Post Office and Court House, 7th and Mission Sts., San Francisco.

Following are complete bids opened by the Custodian of the P. O.:
 Scott Co., Inc. \$1,117
 O'Mara & Stewart \$1,144
 W. S. Spencer & Sons \$1,220
 Henry Ernst & Sons \$1,547
 Herman Lawson Co. \$1,657
 (3621) 1st rep. June 27, 1938.

Funds Allotted
OFFICERS QTRS. Cost, \$
PRESIDIO OF SAN FRANCISCO.
 Construction of noncommissioned officers' quarters, (28); barracks, (525); cooks' school, commissary, warehouse, officers' qtrs. (30).

Owner—U. S. Government, War Department, Quartermaster General, Washington, D. C.
 PWA grant of \$1,422,000 allotted. (482)

8— CLUB BUILDINGS

Preliminary Plans Completed
MEMORIAL BLDG. Cost, \$20,000
 WILLITS, Mendocino Co., Calif.
 One - story frame and stucco Veterans' memorial building.

Owner — Supervisors of Mendocino County.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Application filed for PWA grant of 45% of estimated cost.

9— HOSPITALS

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Peters & Son, 455 Washington St., San Jose, at \$5,718 awarded contract by the Board of Supervisors of Santa Clara County (Frank W. Hogan, County Clerk), Court House, San Jose, for construction of a new underground piping system at Santa Clara County Hospital.

Underground Const. Co., Oakland, withdrew their low bid of \$4,100 and the contract was therefor awarded the second low bidder.

To Be Done By Day's Work
ADDITIONS & ALTERATIONS

OAKLAND, Alameda Co., Calif. NV Cor. Hawthorne and Webster.

One - story brick and concrete addition and alterations to hospital.
 Owner and Builder—Samuel Merritt Hospital Assn., Hawthorne and Webster Sts., Oakland.

Architect—Not Given.

Funds Allotted
HOSPITAL Est. Cost, \$87,273
 MODESTO, Stanislaus Co., Calif.

Two-story and basement Class B reinforced concrete county hospital building.

Owner—County of Stanislaus.
 Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.

WPA allotted grant of \$39,273.

To Ask Funds
HOSPITAL ADDN.

PALO ALTO, Santa Clara Co., Cal. Addition of four-story, 80-bed wing to the Palo Alto Hospital.

Owner—City of Palo Alto (Winifred Kidd, City Clerk).

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

The City of Palo Alto voted bonds recently in the amount of \$75,000 to aid in financing construction.

Application will shortly be filed for PWA grant of 45% of estimated cost of building and equipment.

10— HOTELS

CONTRACT AWARDED

ALBUQUERQUE, N. M.—J. E. Morgan & Sons, El Paso, Tex., awarded general contract at \$404,000 for constr. of a 10-story, class A hotel bldg. on the SW cor. of 2nd St. and Copper Ave., Albuquerque, for E. John Greer and Nathan Salmon of Santa Fe. Constr. is scheduled to start within two weeks. Hilton Hotels, Dallas, Tex., will operate the hotel.

13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS

Contract Awarded
WIRING AND FIXTURES

Cont. Pr., \$2,261
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Wiring and fixtures, Ferry Terminal Building; Contract No. 200.

Owner—S. F. Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco.

Plans by S. F. Bay Expos. Architectural Commission, 585 Bush St., San Francisco.

Contractor—Abbett Electric Co., 126 Sears St., San Francisco.

Contract Awarded
FOUNDATIONS Cont. Pr., \$23,987
 SACRAMENTO, Calif. Tenth and N Streets.

Erection and completion of the concrete foundations for state office building No. 3, which will include concrete and miscellaneous work for the foundations covering a ground area of approximately 215x150 ft. up to and including main basement floor slab.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Contractor — Lindgren & Swinerton, Inc., 619 H St., Sacramento.

Funds Allotted
COURTHOUSE ADDITION

REDWOOD CITY, San Mateo Co., Cal. Broadway and Hamilton Ave.

Three-story reinforced concrete county office building connected by corridor with present courthouse (two elevators and central heating plant).

Owner—County of San Mateo.
 PWA grant of \$108,000 allotted. Balance of funds on hand.

Funds Allotted
COURTHOUSE ADDITION

REDWOOD CITY, San Mateo Co., Calif. Broadway and Hamilton Ave.

Three-story reinf. concrete county office building connected by corridor with present courthouse (two elevators and central heating plant).

Owner—County of San Mateo.
 Architects—W. H. Toepek, 74 New Montgomery St.; Thomas M. Edwards, 9 Geary St., and H. A. Scharf, 605 Market St., San Francisco.

PWA grant of \$108,000 allotted. Balance of funds on hand.

CONTRACT AWARDED
SAUSALITO, Marin Co., Calif.—E. T. Madgen, 240 Caledonia St., Sausalito will pay \$105 to the City of Sausalito for wrecking and removing that certain wooden frame building known as the "McPerson" building, situated near the intersection of Caledonia and Johnson Streets.

BIDS OPENED
SAN FRANCISCO—L. & E. Emanuel, Inc., 2665 Junes St., at \$324.30 submitted low bid to the Public Utilities Commission, City Hall, for altering partitions, counter, etc., on first floor of building at 425 Mason Street. Complete bids were:

L. & E. Emanuel, Inc. \$324.30
 Walter Mfg. Co. 400.00
 R. Brantlein Co. 425.00
 Royce Show Case Co. 423.93
 The Funk & Schindler Co. 468.00
 Mullen Manufacturing Co. 544.00

10

Funds Allotted
ADDITIONS AND ALTS.
 Cost, \$65,200
PALO ALTO, Santa Clara Co., Cal.
 Two-story semi-fireproof municipal building and alterations to present city hall.
 Owner—City of Palo Alto.
 Architect—C. K. Sumner, Deckeroak Bldg., Palo Alto.
 PWA grant of \$28,165 allotted.

Bids Wanted—To Close July 18, 3 P.M.
PACIFIC BUILDING.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of the Pacific Building; Contract No. 198. One-story and mezzanine frame building approx. 100 ft. sq.
 Owner—S. F. Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.
 Plans by S. F. Exposition Architectural Commission, 585 Bush St., S. F.
 Plans and specifications obtainable after 2 p.m., July 6 at the above office, Room 222, upon deposit of \$20. Returnable, if plans and specifications are returned in good condition within 15 days after date of receiving proposal.

Contract Awarded
SAN FRANCISCO BLDG., ETC.
 Contract Price, \$77,238
YERBA BUENA SHOALS. Site of the Golden Gate International Exposition.
 San Francisco Bldg.: Calif. Court—Main Entrance; San Francisco Court—Walls and planting boxes. The San Francisco Building will be a two-story frame structure with approximately 40,000 sq. ft. of floor area, surrounding a two-story 40-ft. high inner court (65x92-ft.), with fountain on first floor; exterior of building will be plywood with resistix finish; steel sash; grand stairway approx. 40 ft. high and 18 ft. across; adjoining the San Francisco Bldg. will be Main entrance to the California Court supported by columns of plywood with a roof of decorated canvas; the Court of San Francisco will be built along Oriental lines with surrounding walls of plywood.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).
 Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy L. Pfeuffer, Supervising Arch.; Clarence A. Tantau, Consulting Architect).
 Contractor—C. L. Wild Const. Co., Ltd., 4412-16 Fulton Street, San Francisco.

Low Bidder
WESTERN STATES BUILDING
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Complete construction of the Western States Building; Contract No. 168. One-story frame building (400x300 feet) surrounding center court (140x120 ft.) with auditorium in one wing to seat 800 and floor space to accommodate exhibits from the eleven Western States; some tile and some composition roofing.
 Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Low Bidder—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, \$133,700.

Bids Opened
INSPECTION STA.
SISKIYOU COUNTY, Cal. Near Dorris.
 Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work also includes drilling of a well, construction of a fence and paving approaches and curbs).
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Low Bidder—Victor L. and Wm. B. Jacobson, 3338 Madera Ave., L. A., \$13,932.
 Complete bids were:
 V. L. and W. B. Jacobson, L. A. \$13,932
 Robert McCarthy, S. F. \$14,988
 S. C. Giles, Stockton \$15,987
 Empire Construction Co., San Francisco \$21,900

Bids Opened
INSPECTION STA.
NEVADA CO., Calif. Near Truckee.
 Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work consists of moving two existing sheds to new locations, remodeling same and constructing an addition. Work also includes construction of fence and necessary paving of approaches and curbs).
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Low Bidder—Robert McCarthy, 1363 14th Ave., S. F., \$14,948.
 Complete bids follow:
 Robert McCarthy, S. F. \$14,948
 H. W. Robertson, Sacto. \$14,986
 Victor L. and Wm. B. Jacobson, L. A. \$14,992
 M. R. Peterson, Sacto. \$15,496
 R. P. Mussetter, Auburn \$15,978
 S. C. Giles, Stockton \$16,000
 Campbell Const. Co., Sacto. \$17,400
 A. E. Sorenson, Tahoe Vista \$18,397
 (400) 1st rep. June 15, 1938.

Low Bidder
SCULPTURAL MODELS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Modeling, enlarging and casting of Sculptural Models, North Square and South Courts and South Garden. Contract No. 158.
 Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Low Bidder—Henry Gregoire, 355 12th St., San Francisco, \$14,840.

Bids Wanted—To Close July 27, 2 P. M.
TOLL PLAZAS Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction in accordance with the specifications therefor, to which special reference is made, of the Toll Plaza, Yerba Buena Island, of the San Francisco-Oakland Bay Bridge; work includes permanent toll plaza, electrical w'k, plumbing, permanent office, and temporary toll plaza.
 Owner—State Dept. of Public Works, S. F.-Oakland Bay Bridge Division.
 Plans prepared by S. F.-Oakland Bay Bridge Division.
 Bids will be opened and plans and

specifications will be obtainable after 8 A. M., July 8, at Room 811, 500 Sansome St., San Francisco, upon deposit of \$50, of which \$40 is returnable.

Bids Opened
WARD BLDGS.
SPADRA, Los Angeles Co., Calif.
 Pacific Colony.
 Erection and completion of Units 16, 18 and 20 of five ward buildings, consisting of three one-story reinforced concrete buildings with hollow tile partitions; steel sash and clay tile roof covering.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Low Bidder—John Strona, Pomona \$218,470
 Separate bids were received for (1) general work, (2) heating and ventilating work, (3) plumbing work, (4) electric work.
 Complete bids follow:

General Work	
John Strona, Pomona	\$218,470
Barnch Corp., L. A.	\$219,135
H. Mayson, L. A.	\$230,634
W. E. Allen, Long Beach	\$321,733
H. A. Nichols, L. A.	\$322,570
Harry F. Miller, L. A.	\$233,654
Andy Sordal, Long Beach	\$241,583
Arthur Pinner, Jr., L.A.	\$245,555
Heating & Ventilating	
Consolidated Heating and Ventilating Co., 1709 W. 8th St., L. A.	\$15,968
Hickman Bros., Inc., San Pedro	\$16,995
S. C. Brown Co. Inc., L.A.	\$18,000
O. E. Ross, Long Beach	\$18,380
W. D. Cramer, Maywood	\$18,525
Munger and Munger, Pasadena	\$18,611
Travers-Riddle, Inc., L. A.	\$18,855
Kenneth Fraser, Pasadena	\$18,948
J. Herman Co., L. A.	\$19,200
Howe Bros., L. A.	\$19,450
Kenneth Fraser, 1452 N Lake Ave., Pasadena	\$12,992
Benedict and Ginrich, Pasadena	\$14,577
Hickman Bros. Inc., San Pedro	\$14,987
O. E. Ross, Long Beach	\$15,789
Munger and Munger, Pasadena	\$15,893
Travers Riddle, Inc., L. A.	\$16,363
W. D. Cramer, Maywood	\$16,750
Ed. H. Martin, L. A.	\$17,388
Howe Bros., L. A.	\$17,389
Earl O. Stice Co., L.A.	\$21,126
Electric Work	
Vancott Co., 5024 W Washington Blvd., L.A.	\$6,547.00
Joseph Korb, L.A.	\$6,885.00
Newberry Electric Corp., L.A.	\$6,964.91
H. O. Bauerle, L.A.	\$6,969.00
McFarlane Electric Co., Santa Ana	\$6,979.00
Coast Electric Co., Long Beach	\$7,180.00

Plans Being Figured—Bids Close July 19, Noon.
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 One-story frame exhibit building to contain approx. 4000 sq. ft.
 Owner—The Christian Science Monitor.
 Architect—Edw. G. Bolles, 681 Market St., San Francisco.
 Plans are being figured by the following selected list of contractors:
 Wm. Martin, 666 Mission Street.
 Guy F. Atkinson Co., 662 Russ Bldg.
 Barrett & Hulp, 918 Harrison St.
 K. E. Parker Co., 135 South Park.
 N. H. Sjoberg & Son, 5604 E 16th St., Oakland.
 Fred J. Early, Jr., 369 Pine St.
 Miller Const. Co., 3917 Mission St.

H. Ekart Sons, 1325 23rd Ave.
George Wagner, 181 South Park.
Louis C. Dunn, 681 Market St.

BIDS OPENED

LOS ANGELES.—Harvey A. Nichols, 936 E. Slauson Ave., L. A., at \$5,524 submitted low bid to State Architect Geo. E. McDougall, Public Works Bldg., Sacramento, for a lunch room to be built on the roof of the State Office Bldg., First St. and Broadway, Los Angeles. It will be a one-story structure, 53x17-ft. in area; structural steel frame, pipe railing, cement work, steel decking, metal door frames, steel windows and doors, sheet metal signs, composition roofing, unit heaters, electric work, plumbing.

Complete bids were:

Harvey A. Nichols, \$5,524.

Meyer Bros., \$5,765.

Pozzo Const. Co., Ltd., \$5,828.

Barrett Corp., \$6,662.

Arthur Pinner, Jr., \$7,148.

Andy Sordal, \$7,450.

Funds Allotted Cost, \$142,500
ADDITION

SACRAMENTO, Calif.
Three-story reinf. conc. addition to county courthouse and jail.

Owner—County of Sacramento (Chas. W. Detering, Jr., county executive).

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

PWA grant of \$68,692.50 allotted.
(1451) 1st rep. Feb. 9, 1937. • 13

Plans Being Figured—Bids Close
July 14, 4 P. M.

CLUB BLDG. Est. Cost, \$140,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two-story women's club house to be known as the Yerba Buena Club.

Owner—Women's Club House Association (Mrs. E. S. Heller, chairman).

Architect—Wm. W. Wurster, 260 California St., San Francisco.

Plans are being figured by a selected list of contractors.
(0367) 1st rep. Feb. 3, 1935. • 13

Funds Allotted
HALL OF RECORDS

Est. Cost, \$136,300
MODESTO, Stanislaus Co., Calif.
Present courthouse site.

Three-story full basement Class A fireproof Hall of Records bldg.

Owner—County of Stanislaus.

Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.

WPA allotted grant of \$61,300.

Preliminary Plans Completed
CITY HALL Est. Cost, \$80 to \$90,000
SAN LEANDRO, Alameda Co., Calif.

Part one- and two-story reinforced concrete city hall, firehouse and jail.

Owner—City of San Leandro,
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

14— RESIDENCE

Bids Opened
RESIDENCE
SACRAMENTO, Calif.

Two story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.

Owner—Reverend Hermitage
Architect—Chas. P. Dean, California State Life Bldg., Sacramento.

Low Bidder.—Chas. F. Unger, 2426 Seventh Ave., Sacramento.

Other bids were:

L. L. Watson, \$19,898.

N. H. Lund, \$11,992.25.

Preparing Working Drawings
RESIDENCE.

EAST OAKLAND, Ala. Co., Calif.
One-story rustic residence with partial basement (5 rooms); shingle roof, floor furnaces, hardwood floors, garage and laundry room.
Owner & Builder.—Robt. McNair.
Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.

Plans Being Figured—Bids Close
July 15, Noon.

RESIDENCE Cost, \$5,000
ATHERTON OAKS, San Mateo Co.
One - story frame and stucco residence (8 rooms, 3 baths) hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Avenue, Burlingame.

Plans are being figured by a selected list of contractors.

Preparing Plans
RESIDENCES Cost, \$5,000

SAN FRANCISCO, Vistacion Valley.
Three one-story frame and stucco residences (5 rooms each), hardwood floors, tile baths, wood sash, etc.

Owner—The Ruegg Co., 369 Pine St. — Albert H. Larsen, 333 Kearny Street.

To Be Done By Day's Work
RESIDENCES Cost, \$6,000 each

SAN FRANCISCO. Beachmont and Sloat Blvd. and Cranleigh and Sloat Blvd.

Three one-story and basement frame residences.

Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.

Architect — Harold G. Stoner, 251 Kearny Street. 14

Contract Awarded
ALTERATIONS Cost, \$7,000

SAN FRANCISCO. 10 22nd Ave.
Alterations to residence.

Owner—Chalmers Graham, c/o Contractor.

Architect—Francis E. Lloyd, 360 Pine St.

Contractor—Jacks & Irvine, 620 Market St. 14

Bids In—Held Under Advertisment
RESIDENCE Cost, \$5,000

SAN MATEO PARK, San Mateo Co., Calif.

Two - story frame and stucco residence; hardwood floors, tile baths, shingle roof, steel sash, forced air heating system, etc.

Owner—W. Spott Boyd, c/o Archt.

Architect — Angus McSweeney, 604 Mission St., San Francisco.

To Be Done By Day's Work
RESIDENCE Cost, \$40,000

SAN FRANCISCO. SW Junipero Serra Blvd. and Eucalyptus Dr.

Three-story and basement frame residence.

Owner & Builder—Stoneson Bros., 1 Sloat Blvd.

Architect — Angus McSweeney, 604 Market St. • 14

Bids In—Held Under Advertisment
RESIDENCE Cost, \$5,000

SAN FRANCISCO. Twin Peaks Terrace.

Two-story frame and stucco and stone veneer residence (7 rooms, 2 baths), with detached two-car garage, with apartment above containing four rooms and bath, composition roof, hardwood flrs., tile baths, forced-air heating in residence and gravity heat in apartment.

Owner—Edward J. Walter, c/o Architect.

Architect — Angus McSweeney, 604 Mission St.

Plans Being Figured
RESIDENCE Cost, \$5,000

PIEDMONT PINES, Alameda Co.
Two - story frame and stucco residence (Colonial style, hardwood floors, tile baths, etc.)

Owner—Mr. Fenger, c/o Architect.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Plans are being figured by a selected list of contractors.

Plans Completed
RESIDENCE Cost, \$5,000

ATHERTON, San Mateo Co., Calif.
Frame and wood residence (6 rooms, 2 tile baths) hardwood floors, red cedar shake roof, wood trim outside, garage).

Owner—Geo. Forrester, c/o Arch. Architect—Johnson & Wethered; A. O. Johnson, Architect, Slr Francis Drake Hotel, San Francisco.

General bids will be asked next Monday.

Plans Being Figured—Bids Close
July 18.

RESIDENCE Cost, \$5,000
SAN FRANCISCO. Greenwlvch St.

Two - story frame residence (hardwood floors, tile baths, etc.)

Owner—Dr. Randolph Flood, c/o the Architect.

Architect—Farr & Ward, 68 Post St.

Plans are being figured by a selected list of contractors.

A. F. Mattock Co., 212 Clara St., is figuring plans and desires subbids on all portions of the work.

Preparing Working Drawings.
RESIDENCE.

BURLINGAME HILLS, San Mateo Co., Calif.

Two-story modern residence (6 rms., 2 baths), hardwood floors, tile bath, wood sash, etc.

Owner.—Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Plans Completed
DUPLEX Cost, \$5,000

SACRAMENTO, Calif.
Frame and stucco duplex residence.

Owner—Mrs. Josephine Rolufs, c/o Architect.

Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

General bids will be asked shortly.

Preparing Working Drawings.
RESIDENCE Cost, \$5,000

HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence (hardwood floors, tile baths wood sash, etc.)

Owner—Withheld.

Architect—Mario Corbett, 72 3rd Ave., San Mateo.

15— SCHOOLS

BIDS WANTED
MERCED COUNTY, Calif.—Until July 14, 11 A.M., bids will be received by the Merced Colony School District, Merced County, Harold C. Rigge, Clerk, for construction of a one room addition to the Merced Colony Grammar School-house on Childe Avenue, Merced County.

Plans and specifications may be obtained at the office of W. E. Bedesern, Civil Engineer, Shaffer Building, Merced, upon deposit of \$5. returnable.

Bid must be accompanied by certified or cashier's check of 10% payable to the clerk of the school. • 15

BIDS WANTED
EL NIDO, Merced Co., Calif.—Until July 14, 2:30 P.M., bids will be received by the El Nido School Dis-

trict. Mrs. Fern Reed, Clerk, for construction of a one room addition to the present El Nido School.

Plans and specifications obtainable at the office of W. E. Bedesen, Civil Engineer, Shaffer Building, Merced, upon deposit of \$5.00, returnable.

Bids must be accompanied by certified or cashier's check of 10% of bid payable to the clerk of the school. * 15

BIDS WANTED

LIVINGSTON, Merced Co., Calif.—Until July 15, 8 P.M., bids will be received by the Merced Union High School District, N. S. Peck, Clerk, for an addition to the Agricultural Building at the Livingston High School, Livingston.

Plans and specifications obtainable at the office of W. E. Bedesen, Civil Engineer, Shaffer Building, Merced, upon deposit of \$5, returnable.

Bid must be accompanied by certified or cashier's check of 10% of bid payable to the clerk of the high school. * 15

Contract Awarded

SCHOOL ADDN. Cont. Pr., \$16,179 ALUM ROCK, Santa Clara Co., Cal. 30 - acre site at NW corner of White Road, and Alum Rock Ave. First unit of addition to Palo School consisting of three classrooms of frame and stucco construction, with alternate proposal for additional classroom.

Owner—Alum Rock Un. School District (Thos. Ryan, Principal). Architect—Edward W. Kress, First National Bank Bldg., San Jose. Contractor—Paul N. Anderson, 1210 Lincoln Ave., San Jose.

CONTRACT AWARDED

RED BLUFF, Tehama Co., Calif.—Harry Porter, Gerber, at \$3,157 submitted low bid and was awarded the contract by Red Bluff Union High School District of Tehama County, Fred H. Weeks, Clerk, for remodeling the music hall, located on high school property, City of Red Bluff. Only other bid submitted by Lison Eharn, Red Bluff, at \$3,999.23.

CONTRACT AWARDED

RED BLUFF, Tehama Co., Calif.—Lison Eharn, Red Bluff, at \$1,155, submitted low bid and was awarded contract by the Red Bluff Union High School District of Tehama County (Fred H. Weeks, Clerk), for steel windows in main building of high school, Red Bluff. Only other bid submitted by Harry Porter, Gerber, at \$1,662. * 15

Bonds Voted

HIGH SCHOOL. Est. Cost, \$150,000 HALF MOON BAY, San Mateo Co., Calif.

One-story frame and reinforced concrete high school.

Owner—Half Moon Bay High School District.

Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

The school district voted bonds June 28 in the amount of \$80,000, proceeds to aid in financing construction.

Application made for PWA grant.

Sub Contracts Awarded

JUNIOR COLLEGE Cost, \$56,963 MARYSVILLE, Yuba Co., Cal. 18th St., south end of Knight Park. First unit of junior college plant, consisting of 1-story frame and stucco building to contain six classrooms, assembly hall, property room, administration unit with principal's office and deans'

offices, concrete boiler room, students' store.

Owner—Yuba City Junior College District (C. W. Burchell, President Board of Trustees).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Engineer—F. W. Kelberg, 320 Market St., San Francisco.

Contractor—C. A. Hillberg, P.O. Box 52, Turlock.

Plumbing, Heating and Sheet Metal—Frank M. Booth Plumbing Co., 222 Third St., Marysville.

Roofing—Johnson Bros., 3200 Stockton Blvd., Sacramento.

Electric Wiring—Miller Elec. Shop, 815 5th St., Marysville.

Glass and Mill Work—Sierra Mill & Lumber Co., P.O. Box 28, Sacramento.

Lumber—Diamond Match Co., Yuba City.

Painting—Jones Co., Yuba City.

Lathing and Plastering—E. E. Larson, P.O. Box 482, Turlock.

Contract Awarded

ADDITIONS Cost \$10,990 OAKLAND, Alameda Co., Cal. Mills College Campus

Two-story 7-room addition. Owner—Mills College.

Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

Contractor—J. G. Brown, Mills College, Oakland. 15

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until July 14, 8 p.m., bids will be received by the City of San Rafael, Oliver R. Hartzell, Secretary, Board of Education, for construction of a retaining wall and fencing at the Laurel Dell School located at Woodland Avenue and Eva Street, and at Short School located at Bayview and Marin Streets, for construction and installation of a hot water system in the Grammar School located at 4th and E Sts., and for furnishing and installing approximately 285 lockers in the Grammar School, at Fourth and E Sts., San Rafael.

Specifications on file with the Secretary at his office in the San Rafael High School Building. * 15

Sub Contracts Awarded

SCHOOL Cont. Pr., \$7,950 PALO COLORADO, Monterey Co., Calif.

One - story frame and stucco school building; shake roof.

Owner—Palo Colorado Grammar Sch. District.

Architect—W. O. Ralguel, Box 549, Monterey.

Contractor—O. R. Ochs, 791 Church St., San Luis Obispo.

Plumbing, Heating and Sheet Metal—Smee Plumbing Co., 717 Higuera St., San Luis Obispo.

Iron Work—Engfer Iron Works, 535 W. San Carlos St., San Jose.

Lumber—Hayward Lumber Co., 18th and Ocean View, Pacific Grove.

Mill Work—San Luis Mill & Lumber Co., 246 Higuera St., San Luis Obispo.

Lathing and Plastering—Western Plastering Co., Monterey.

Funds Allotted

SCHOOL Cost, \$1,162,600 SAN JOSE, Santa Clara Co., Cal.

Two-story, semi-fireproof high school building and acquisition of necessary land.

Owner—San Jose Union High School District.

Preliminary plans prepared by Architects Binder & Curtis, 35 West San Carlos St., San Jose. PWA grant of \$523,170 allotted.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Wickwire-Spencer Steel Co., 101 Townsend St., at \$1335, \$2060 and \$1056, awarded contracts by the Department of Public Works, City Hall, for fencing at the following schools: (a)

Argonne School, north side of Cabrillo St., betw. 17th and 18th Aves.;

(b) Parkside School, 24th Ave. betw. Ulloa and Vincent Sts.;

(c) Yerba Buena School, Greenwich St., betw. Fillmore and Webster Sts. * 15

CONTRACT AWARDED

SAN FRANCISCO.—The American Seating Co., 207 Van Ness Ave. So., at \$29,612.50, awarded contract by the Department of Public Works, City Hall, for installation of blackboard at the following schools:

Kate Kennedy School, 30th and Day Sts.; Adams School, Eddy St., betw. Polk and Van Ness Ave.; Golden Gate School, Golden Gate Ave., betw. Pierce and Scott Sts.; Edward Roberson Taylor School, Somerset and Bacon Sts.;

Hancock School, north side of Filbert St., betw. Jones and Taylor Sts.;

Fairmount School, NE Cor. of Chenery and Randall Streets; Twin Peaks Primary School, Corbett Ave., betw. Iron and Copper Sts.;

Portola Jr. High School, Girard Street, betw. Burrows and Bacon Streets. * 15

BONDS VOTED

CORCORAN, Kings Co., Calif.—Corcoran High School District, Kings County, voted bonds in the amount of \$185,000, proceeds to finance construction of a new high school building at Corcoran.

Plans prepared by Architect H. L. Gogerty, 6272 Yucca Street, Hollywood.

BIDS WANTED

DELANO, Kern Co., Calif.—Until July 13, 8 p.m., bids will be received by the Delano Joint Union High Sch. District for reroofing physical education building at Delano High Sch. Bidding data obtainable from Architect Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield. * 15

CONTRACT AWARDED

LOS ANGELES, Calif.—Robt. E. Millsap, 603 Pacific Commerce Bldg., awarded contract by University of Southern California for two new buildings to be built at the university, 3551 University Ave. They will be one-story and part two-story class A reinforced concrete structures.

One of the buildings will house the College of Architecture and Fine Arts; the other will be the Fisher Art Gallery. Cost, approximately \$230,000. Ralph C. Flewelling, architect, 816 W. 5th St.; Ralph E. Phillips, mechanical engineer. 15

Bond Election Planned

SCHOOL Cost, \$66,864 IRVINGTON, Alameda Co., Cal.

One-story grammar school building to contain seven classrooms, gymnasium - auditorium, stage dressing rooms, storage rooms, offices, teachers' rest rooms, etc.

Owner—Irvington Elementary Sch. District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.

The school district is planning to vote bonds in the near future in the amount of \$52,000, proceeds to finance construction, together with PWA grant of \$34,364, recently allotted.

CONTRACT AWARDED

LOS ANGELES, Calif.—Stark and Schmid, 822 N. Fenton Street, Santa Ana, submitted low general contract to Los Angeles Board of Education at \$22,950, for completion of a class-

room and auditorium building at the Loreto St. school, 3403 Arroyo Seco Ave. Alfred W. Rea and Charles E. Garstang, architects, 215 W 6th St.; H. C. Whittlesey, structural engineer; Harold A. Stockley, mechanical engineer. 15

Bids Rejected

ADDITION Est. Cost, \$5,500
RIO VISTA, Solano County, Calif.
One-story frame addition to present shower room, to consist of instructors' offices, girls' showers, and visiting team showers.

Owner—Rio Vista Joint Union High School District (Mrs. Duncan McCormack, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Bids received June 30 were rejected as too high. Work will probably be readvertised shortly.

Plans Completed

SCHOOL ADDN. Est. Cost, \$10,000
PALO ALTO, Santa Clara Co., Calif.
Stanford Campus School.

One-story addition to existing school building; WPA project.
Owner—Palo Alto School District.
Architect—C. K. Sumner, Deckerokak Building, Palo Alto.

Plans have been forwarded to the State Division of Architecture for approval.

Plans Completed

SCHOOL ADDN. Est. Cost, \$13,000
PALO ALTO, Santa Clara Co., Calif.
Mayfield Elementary School.

One-story addition to existing school building; WPA project.
Owner—Palo Alto School District.
Architect—C. K. Sumner, Deckerokak Building, Palo Alto.

Plans have been forwarded to the State Division of Architecture for approval.

BIDS OPENED

ROSEVILLE, Placer Co., Calif.—Sterling Lumber Co., Roseville, at \$2,344.08, submitted low bid to the Roseville Union High School District, for acoustical treatment of the Gymnasium-Auditorium of the Roseville Union High School.

Other bids were:
Peterson-Cobby Co., San Francisco, \$2,900.
Western Asbestos Co., Sacramento, \$3,397.

Robert L. Cramer, San Francisco, \$3,594.70.
Award of contract postponed because of lack of funds. 15

LOW BIDDER

LOS ANGELES, Cal.—Jones Bros, 9430 Santa Monica Blvd., Beverly Hills, submitted low general contract bid to Los Angeles Board of Education at \$46,900 for a building for handicapped children to be built at John H. Francis Polytechnic Sch. high school, 400 West Washington Blvd. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

CONTRACT AWARDED

SANTA PAULA, Ventura Co., Cal.—John C. Blystone, P. O. Box 7, Garden Grove, awarded contract subject to PWA approval, by the Santa Paula Union High School District at \$62,000 for the construction of a reinforced concrete auditorium bldg. (60x115-ft.) at Santa Paula high school, J. Herman Co., 1349 E. Ver-non Ave., Los Angeles, awarded the contract for heating and ventilating at \$13,240, and Vancott Co., 5024 W. Washington Blvd., Los Angeles, was awarded contract for electric work at \$6778. Frederick Kennedy Jr., architect, 1041 E. Green St., Pasadena.

New Bids Wanted—To Close July 15, 8 P. M.

ADDITION Est. Cost, \$6,500
RIO VISTA, Solano County, Calif.
One-story frame addition to present shower room, to consist of instructors' offices, girls' showers, and visiting team showers.
Owner—Rio Vista Joint Union High School District (Mrs. Duncan McCormack, Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications on file with the architect.

Preliminary Plans Completed

AUDITORIUM Est. Cost, \$30,000
SANTA ROSA, Sonoma Co., Calif.
Fremont Grammar School.
One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).

Owner—Fremont Elementary School District.
Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.

Application filed for PWA grant of 45% of estimated cost.

BIDS OPENED

ALAMEDA, Ala. Co., Calif.—Fatta & Rinaldi, 2247 Filbert St., Oakland, at \$9,415 submitted low bid to the Board of Education of the City of Alameda and of Alameda Unified School District for the lathing and plastering of Mastick School, located at Alameda.

Complete bids were:

Fatta & Rinaldi, Oak, \$9,415
Wm. Makin, Oak, \$9,649
Carl Rasmussen, Oak, \$10,720
James F. Smith, S. F., \$10,995
M. J. King, S. F., \$11,226
James D. Allison, Oak, \$11,327

CONTRACT AWARDED

SAN FRANCISCO—Regal Floor Co., 260 Tehama St., at \$137 awarded contract by the Department of Public Works, City Hall, for sanding floors at the following schools:

McKinley School, Castro and 14th Sts.; Grattan School, Grattan and Shrader Sts.; San Francisco Junior High School, Francisco and Powell Sts.; Grant School, Pacific and Broderick Sts.

BID OPENED

SAN FRANCISCO—Ocean Shore Iron Wks., 550 8th St., submitted only bids at \$44, \$95, \$24.50, and \$176.50 to the Dept. of Public Wks., City Hall, for repairs to boilers consisting of building up manholes, rolling tubes and repairing leaks at following schools:

Commodore Sloat, Junipero Serra and Ocean Ave.; Grant School, Pacific and Baker Sts., and Raphael Well School, Ellis and Buchanan.

Specifications obtainable from the Supt. of Bldgs., R. A. Chisholm, 490 11th St. 15

Bonds Voted

SCHOOL
GRASS VALLEY, Nevada Co., Calif.
High school building to contain five classrooms and gymnasium; reinforced concrete construction.
Owner—Grass Valley Union High School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.

The Grass Valley Union High Sch. District voted bonds recently in the amount of \$125,000 proceeds to finance construction.

BOND ELECTION

REDWOOD CITY, San Mateo Co., Calif.—The Redwood City Elementary School District will vote August 2 on a proposal to issue bonds in

the amount of \$88,000, which proceeds, together with possible PWA grant, are to finance following school improvements:

- (1) An auditorium for Lincoln School on Whipple Ave. (\$32,000).
- (2) 2-story addition comprising about 10 classrooms for McKinley School on Duane St. (\$97,000).
- (3) A 2-classroom addition to Garfield School on Middlefield Road (\$15,000).

Preliminary plans prepared by Architect Thos. M. Edwards, 9 Geary St., San Francisco. *

Preliminary Plans Completed

ADDITION Cost, \$.....
MERCED, Merced County, Calif.
Added to John Muir Gram. School.
Owner—Merced Elementary Sch. District.

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Application filed for PWA grant to aid in financing.

Bids Wanted—To Close July 15, 8 P. M.

ADDITION Est. Cost, \$40,000
MERCED, Merced Co., Calif. Merced High School.

One-story reinf. concrete and frame addition (6 classrooms) to house science dept.; tile roof, wood floors, etc.

Owner—Merced Union High School, A. W. Meany, Principal.

Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francis Drake Hotel, San Francisco.

Plans and specifications may be obtained upon application at architect's office and at the office of the high school. *

16-BANKS, STORES AND OFFICES

Sub Contracts Awarded
MODERNIZATION Cost, \$.....
SAN FRANCISCO. Grant Avenue at Geary Street.

Exterior modernization of building.
Owner—Livingston Brothers, Inc.
Architect—Timothy L. Pfeuger, 580 Market Street.

Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg.

Architectural Terra Cotta—N. Clark & Sons, 116 Natoma St.

Electric Wiring—V. Lemoge, 281 Natoma St.

Glass—Habenicht & Howlett, 529 Clay Street.

Ornamental Iron—McNeill-Steinberg Mfg. Co., 36 Clyde St.

Masonry—Harold B. Peterson, 1605 Lafayette St., Alameda.

Stone Work—California Cut Stone & Granite Works. Railroad & Magbelle Aves.

Lumber—Smith Lumber Co., Fourth and Channel Sts.

Mill Work—Ostlund & Johnson, 1901 Bryant St.

Hardware—Palace Hardware Co., 581 Market St.

Painting—Raphael Co., 270 Tehama Street.

Steel—Soule Steel Co., 1750 Army St. All of San Francisco, unless otherwise noted.

Contract Awarded
ALTERATIONS Cost, \$6,000
SAN FRANCISCO. SW Fillmore and Sacramento Streets.

Alterations to store and offices.
Owner—W. F. Williamson, 310 Sansome Street.

Architect—Houghton Sawyer 337 17th St., Oakland.

Contractor—Chas. Stockholm & Sons, 425 Russ Bldg. 16

CONTRACT AWARDED
 WASCO, Kern Co., Calif.—W. C. Payne, 2575 Zoe Ave., Huntington Park, awarded contract by Southern California Gas Co., Los Angeles, for the reconstruction of a one-story office and distribution bldg. in Wasco, Kern County, for the company. 16

CONTRACT AWARDED
 SAN MARINO, Los Angeles Co., Cal.—B. J. Bennett, Jr., 25 N. Raymond Ave., Pasadena, awarded contract for construction of a reinforced concrete market building (70 x 100 ft.) at 900 Huntington Drive, San Marino, for Mrs. Smith. Kenneth Gordon, architect, 175 E. Green St., Pasadena. 16

Sub Contracts Awarded
STORE BLDG. Cost, \$.....
 FRESNO, Calif. Fulton and Kern Streets.

One-story and basement store bldg.; wood construction, steel columns, concrete floors.

Owner—F. W. Woolworth Co., Financial Center Building.
 Plans by Engrg. Dept. of Owner.
 Contractor—The Austin Co., 1001 Ray Bldg., Oakland.

Roofing and Lumber—Valley Lumber Co., P.O. Box 1341.

Plumbing and Heating—B. A. Newman Co., 320 N. H St.

Electric Wiring—Robinson Electric, 136 N. Van Ness Ave.

Sheet Metal—Broadway Sheet Metal Works, 1142 H St.

Tile Work—Premier Tile & Marble Co., 1112 Fair Oaks Ave., South Pasadena.

Glass—W. P. Fuller Co., 1246 Fulton Street.

Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan St., San Francisco.

Brick and Stone Work—Harry M. Smith, 135 N. Calaveras St.

Mill Work—Madary's Planing Mill, P.O. Box 622.

Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.

Painting—Joe Stretter, 1545 Fulton St.

Lathing & Plastering—W. E. Smart, 3520 Illinois St.

Concrete—Grant Service Rock Co., 509 T. W. Patterson Bldg.
 All of Fresno, unless otherwise noted.

Bids In—Held Under Advisement
ALTERATIONS Cost, \$.....
 SAN FRANCISCO. Grant Avenue at Geary St.

Alterations to Shoe Shop, on first floor.

Owner—Livingston Brothers, Inc.
 Architect—Albert R. Williams, 251 Post St. 16

Contract Awarded
ALTERATIONS Cost, \$.....
 SAN FRANCISCO. Grant Avenue at Geary Street.

Alterations to Junior shop on fifth floor; alterations to lingerie shop on 2nd floor and alterations to fur department.

Owner—Livingston Bros. Inc.
 Architect—Albert R. Williams, 251 Post St.
 Contractor—Ostlund & Johnson, 1901 Bryant Street. 16

Contract Awarded
RESTAURANT Cost, \$8,500
 SAN FRANCISCO. 500 Sutter St.
 Alter building to install restaurant.
 Owner—Carl Wilke, 111 Sutter St.
 Architect—William C. Ambrose, 244 Kearny St.

Contractor—Exposition Woodworking Co., 661 Golden Gate Ave.
 (888) 1st report June 10, 1938. 16

Additional Sub-Contract Awarded
MODERNIZATION Cost, \$.....
 SAN FRANCISCO. Grant Avenue at Geary Street.

Exterior modernization of building.
 Owner—Livingston Brothers, Inc.
 Architect—Timothy L. Plueger, 580 Market Street.

Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Building.
 Sprinklers—Star Sprinkler Co. of Pacific, 80 Natoma Street.
 Sub-contracts previously awarded reported July 1.

Completing Plans
STORE BLDG. Cost, \$.....
 STOCKTON, San Joaquin Co., Calif.
 Weber and American Streets.

One-story and basement brick store building (100x100-ft.)

Owner—Turner Hardware Company, c/o Architects.
 Architect—J. U. Cloudsley, Exchange Bldg., and Eric Johnson, 41 South Sutter St., Stockton.

Upon completion of plans, general bids will be asked.

Preparing Plans
MEDICAL ARTS BLDG. Cost, \$.....
 RENO, Nevada.

Four-story Class A steel frame office building.

Owner—Dr. A. J. Hood.
 Architect—Douglas D. Stone, 381 Bush St., San Francisco.

Plans Being Figured—Bids Close
 July 14, 4 P. M.

STORE BLDG. Cost, \$25, to \$30,000
 SANTA CRUZ, Santa Cruz Co., Cal.
 Pacific and Walnut Avenues.

One-story reinf. concrete store bldg. (52x120-ft.)

Owner—Frederick C. Benner.
 Lessee—J. J. Newberry Company.
 Architect—Wm. W. Wurster, 260 California St., San Francisco.

Plans are being figured by a selected list of contractors.

Work Underway
ALTERATIONS Cost, \$.....
 SAN FRANCISCO. Sutter and Powell Streets.

Alterations to store fronts in Physicians Bldg.

Owner—Chester N. Weaver.
 Architect—Douglas Dacre Stone, 381 Bush Street.
 Contractor—K. E. Parker Co., 135 So. Park. 16

19—MISC. CONSTRUCTION

CONTRACT AWARDED
 OAKLAND, Calif.—Pioneer Welding Co., 2941 E. 12th St., Oakland, at \$10,200, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1037, for the removal of Mount Clair tank (216,100-gal. capacity), now located on Drake Drive, near Snake Road, Oakland, to a new site on the Skyline Boulevard. 19

BIDS OPENED
 LOS ANGELES, Calif.—Bids for Diesel engine propelled observation boat, Spec. 974, were opened by Los Angeles Harbor Commission.

The items were:
 —A—

(1) furnish and deliver to Berth 161 Diesel engine propelled vessel, propelled by 2 Diesel engines not less than 230 hp. each; engines to be furnished by builder, provide speed not less than 15½ knots per hour;

(2) same as above, engines furnished by Los Angeles Harbor Department, builder to bear installation costs.

Items 1 and 2 are alternative.
 —B—
 (3) same as Item No. 1 except engines to be 150 hp.;
 (4) same as Item 2, except engines to be 150 hp.
 Items 3 and 4 are alternative.
 The bids were:
 Harbor Boat Bldg. Co., (2a) \$28,950, (5B) \$29,950,
 National Sup. Co., (3a) \$13,720, (6B) \$12,508.
 Wilmington Boat Works, irregular; cost-plus, \$11,000.
 Fellows & Stewart, irregular; cost-plus, \$9,000. 19

BIDS OPENED
 SACRAMENTO, Cal.—Lee A. Phillips, Brentwood, at \$1,635 submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-322 for use of tow boat: (a) operated by contractor on 8-hour shift basis, 100 shifts; (b) operated by contractor on hourly basis for 40 hours; job Sacramento.

Total bids follow:
 Lee A. Phillips, Brentwood, (a) \$1,647; (b) \$88; total, \$1,635.

P. A. Hart, (a) \$1750; (b) \$140; total, \$1890. 19

Bids In—Held Under Advisement.
STORAGE TANKS Cost, \$.....
 SAN FRANCISCO. 430 Bush Street.

Installation of two storage tanks in base of bldg., piping to gas exits, reinforcing concrete floor and electrical rearrangement on the power board.

Owner—Pacific Telephone and Telegraph Co., 444 Bush Street.
 Plans by Engr. Dept. of Owner.

CONTRACT AWARDED
 COLUMBIA CO., Ore.—Odom Construction Co., Oregon City, Ore., at \$68,970.60, awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, Oregon, under Bid No. 698-38-568, for construction of five pumping plants, complete and ready for operation, all situated in Columbia County, within a radius of 6 miles from the City of Clatskanie, Ore. 19

BIDS WANTED
 WASHINGTON, D. C.—Until July 25, 2 P. M., (postponed from June 27), bids will be received by the U. S. Coast Guard, Washington, D. C., under CR 2300, for construction of sixty 38-ft. cabin picket boats for delivery on the Pacific Coast. 19

BIDS OPENED
 OLYMPIA, Wash.—R. A. Neuman, McMinville, Ore., at \$8,427 submitted low bid to the Procurement Division, Public Bldgs. Branch, Wash., D. C., for painting masonry and plaster, floor repairs, etc., and miscellaneous repairs at the U. S. P. O., at Olympia.

Other bids were:
 Henry L. Grohne, Decatur, Ill. \$9,240
 Harry Boyer, Son Co., Olympia, Wash. \$9,650

CONTRACT AWARDED
 SAN FRANCISCO.—Dept of Public Wks., Bureau of Bldg. Repairs, at \$2,723 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Contract No. 27, for alterations to service and main switchboard at the San Francisco City Hall.

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED

YAKIMA PROJECT, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1088-D, for furnishing and delivering structural steel for three bridges on the Yakima Ridge Canal, Roza division, Yakima project; fob shipping point and/or Terrace Hgts., Wash. Materials will be installed by the Government.

Bids were:

Smith Corp., d/b/a General Iron and Steel Works, Portland, Oregon, \$10,800, wt. 233,922; net; fob Portland.

Bethlehem Steel Co., Chicago, Ill., \$8,024, wt. 236,000; net; fob Chicago.

The Ingalls Iron Works Co., Birmingham, Ala., \$8,140, wt. 234,775; net; fob Verona, Pa.

Jos. T. Ryerson & Son Inc., Chicago, Ill., \$9,798, wt. 237,498; net; fob Chicago.

Milwaukee Bridge Co., Milwaukee, Wisc., \$8,472, wt. 235,000; 1/2 % 20 days; fob Milwaukee.

Minneapolis Moline Power Impl. Co., Minneapolis, \$9,500, wt. 236,500; net; fob Minneapolis.

Isaacson Iron Works, Seattle, Wn., \$11,598, wt. 238,500; 1/2 % 10 days; fob Seattle.

Bethlehem Fabricators Inc., Bethlehem, Pa., \$10,540, wt. 239,754; net; fob dest.

Illinois Steel Bridge Co., Jacksonville, Ill., \$10,551, wt. 236,345; 1/2 % 10 days; fob Jacksonville.

American Bridge Co., Denver, Colo., \$7,892, wt. 234,100; net; fob Gary, Ind.

Hansell-Elocok Co., Chicago, Ill., \$8,690, wt. 236,100; 1/2 % 20 days; fob Chicago.

Moore Dry Dock Co., Oakland, Calif., \$11,064, wt. 239,000; net; fob Oakland.

Stupp Bros. Bridge & Iron Co., St. Louis, Mo., \$8,095, wt. 233,800; net; fob St. Louis.

Midland Structural Steel Co., Cicero, Ill., \$8,871, wt. 236,000; 1/2 % 10 days; fob Cicero.

Spink Iron and Foundry Co., St. Louis, Mo., \$9,124, wt. 237,000; net; fob St. Louis.

The Missouri Valley Bridge & Iron Co., Leavenworth, Kan., \$8,900, wt. 235,600; 1/2 % 10 days; fob Leavenworth.

Independent Iron Works Ltd., Oakland, \$11,000, wt. 246,000; 1/2 % 10 days; fob Oakland.

Hunter Steel Co., Pittsburgh, Pa., \$10,470, wt. 234,000; net; fob Neville Island, Pa.

Wisconsin Bridge & Iron Co., Milwaukee, Wisc., \$9,589, wt. 235,600; net; fob Milwaukee.

Duffin Iron Co., Chicago, Ill., \$9,140, wt. 237,500; net; fob Chicago.

Michelmann Steel Constr. Co., Quincy, Ill., \$10,060.67, wt. 237,500; net; fob Quincy.

John W. Beam, Denver, Colo., \$8,987, wt. 235,600; 1/2 % 10 days; fob Peotone, Ill.

Wendnagel & Co., Chicago, \$8,289, wt. 237,800; net; fob Chicago.

Clinton Bridge Works, Clinton, Iowa, \$10,300, wt. 235,100; 1/2 % 20 days; fob Clinton.

Midwest Steel & Iron Co., Denver, Colo., \$11,500, wt. 238,000; 1/2 % 10 days; fob destination.

BIDS WANTED

EL CENTRO, IMPERIAL CO., Calif.—As previously reported until July 21, 10 A. M. bids will be received by the Imperial Irrigation District, El Centro, for furnishing and

delivering materials for approx. 100 miles of distributing lines for city distribution system located in the Imperial Valley, Spec. No. 12, in accordance with plans and spec. on file at the office of the district, and which may be obtained upon deposit of \$10 per set, returnable. The principal items are:

- (1) 300 poles, Western Red Cedar, Butt-treated;
 - (2) 380,000 conductors, TBWP, and RC;
 - (3) 270,000 ft. service drop cable;
 - (4) 15,000 insulators, distribution;
 - (5) 12,750 kva transformers, distribution (sizes 1 1/2 to 250-kw);
 - (6) 5,000 meters, watt-hour;
 - (8) Clamp type connectors.
- PWA Docket Calif 1088-P-D.
Certified or cashier's check or bid bond, 5%. W. W. Goodson, El Centro, Secy. M. J. Dowd, Chief Engr., Imperial, Calif.

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-1, for furnishing misc. pipe fittings and supplies fob Battery Davis, Ft. Funston:

- Richmond Sanitary Co., Lot (1) \$287.32; (2) \$146.51; (3) \$37.41; (7) \$106.53; disc. 2% 30.
- Crane Co., (1) \$303.76; (2) \$140.26; (3) \$5.45; (4) \$59.95; (5) \$17.95; (6) \$13.66; (7) \$97.94; (8) \$80.05; (9) \$144.23; 2% 30.
- United Pipe & Supply Co., (1) \$336.76; (2) \$182.57; (3) \$37.57; (4) \$67.09; (5) \$24.27; (6) \$54.75; (7) \$103.11; (8) \$91.97; 2% 30.

F. E. O'Hair, (1) \$269.73; (2) \$134.10; (3) \$34.27; 2% 30.

- General Mchry. & Supply Co., (1) \$267.04; (2) \$117.13; (3) \$37.99; 2% 30.
- Gilmore Steel & Supply Co., (1) \$202.84; (2) \$150.94; (3) \$37.26; (4) \$111.14; (5) \$23.17; (6) \$47.93; (7) \$102.97; 2% 30.

Grinnell Co. of the Pacific, (1) \$281; (2) \$126.24; (3) \$45.17; (4) \$64.15; 2% 30 days.

- Walworth California Co., (1) \$293.19; (2) \$157.02; (3) \$35.48; (4) \$53.33; (5) 20.70; (6) \$49.27; (7) \$81.04; (8) \$78.41; 2% 30.

Baker-Hamilton & Pacific Co., (1) \$308.53; (2) \$169.45; (3) \$37.44; 2% 30

Bids taken under advisement. * 20

BIDS OPENED

SAN FRANCISCO—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 2040, for furnishing and delivering floodlights for Mission Playground (W P A). Bids were:

- General Electric Supply Corp., \$1,370.72.
- Electric Corp., \$1,370.72.
- Graybar Electric Co., \$1,370.72.
- Westinghouse Electric Supply Co., \$1,370.72.
- Incandescent Supply Co., \$1,405.95; alternate, \$1,370.72.
- California Elec. Supply Co., \$1,405.95.

BIDS WANTED

EL CENTRAL, IMPERIAL CO., Calif.—Until July 21, 10 A. M. bids will be received by the Imperial Irrigation District, El Centro, for furnishing and delivering materials for approx. 100 miles of distributing lines for city distribution system located in the Imperial Valley, Spec. No. 12, in accordance with plans and spec. on file at the office of the district, and which may be obtained upon deposit of \$10 per set, returnable. The principal items are:

- (1) 3000 poles, Western Red Ce-

- dar, Butt-treated;
 - (2) 380,000 conductors, TBWP, and RC;
 - (3) 270,000 ft. service drop cable;
 - (4) 15,000 insulators, distribution;
 - (5) 12,750 kva transformers, distribution (sizes 1 1/2 to 250-kw);
 - (6) 1,020 cut-outs, Primary, fused;
 - (7) 5,000 meters, watt-hour.
- PWA Docket Calif 1088-P-D.
Certified or cashier's check or bid bond, 5%. W. W. Goodson, El Centro, Secy. M. J. Dowd, Chief Engr., Imperial, Calif.

BIDS OPENED

WASHINGTON, D. C.—Bids for portland cement for western yards, Sch. 3709, opened by Bureau of Supplies and Accounts, Navy Department, Wash., D. C., were:

LOT 958—6000 bbls. for western yards:

Identical bids were submitted at \$13,200 by: California Portland Cement Co., Los Angeles; Graham Bros. Monolith Portland Cement Co., Riverside Portland Cement Co., and Southwestern Portland Cement Co.

LOT 956—for Mare Island and San Francisco:

Calaveras Cement Co., San Francisco, \$15,980.

California Portland Cement Company (partial bid) \$10,000.

Henry Cowell Lime & Cement Co., San Francisco, \$15,125.

Monolith Portland Cement Company, \$16,275.

Pacific Portland Cement Co., San Francisco, \$16,129.65.

Santa Cruz Portland Cement Co., San Francisco, \$16,825.

Yosemite Portland Cement Co., San Francisco, \$17,575. * 20

BIDS OPENED

WASHINGTON, D. C.—Following submitted bids to the Procurement Division, Treasury Department, Washington, D. C., for furnishing 75,000 bbls. Portland cement for the Central Valley Project construction. Bids taken on Sch. 1—50,000 bbls; Sch. 2—25,000 bbls.

Bids were:

Pacific Portland Cement Co., San Francisco, \$1.65 per bbl. Total Schedule 1—\$82,500; Sch. 2—\$41,250. 10c allowed on return sacks. R. R. Connections—Southern Pacific. F. O. B. cars or trucks at point of production, Del. Redwood Harbor.

Monolith Portland Cement Co., Los Angeles, \$1.83 per bbl. Total Sch. 1—\$91,500; Sch. 2—\$45,750. 10c allowed on returned sacks. R. R. Connections—S. P. & A. T. & S. F. F.O.B. cars or trucks at point of production, Del. Los Angeles.

Henry Cowell Lime & Cement Co., San Francisco, \$1.90 per bbl. Total Sch. 1—\$95,000; Sch. 2—\$47,500. 10c allowed on returned sacks. R. R. Connections—Ray Port & Clayton R. R. Co.

Riverside Portland Cement Co., San Francisco, \$1.90 per bbl. Total Sch. 1—\$95,000; Sch. 2—\$47,500. 10c allowed on returned sacks. Railroad Connection—Southern Pacific. Del. Crestmore, Calif.

Beaver Portland Cement Co., Portland, Oregon, \$1.93 1/4 per bbl. Total Sch. 1—\$96,750; Sch. 2—\$48,375. 10c allowed on returned sacks. R. R. Connection—Southern Pacific. Del. Portland.

Santa Cruz Portland Cement Co., San Francisco, \$2.10 per bbl. Total Sch. 1—\$105,000; Sch. 2—\$52,500. 10c allowed on returned sacks. R. R. Connection—Southern Pacific. Del. Stockton, Calif.

Oregon Portland Cement Co., Portland, \$2.20 per bbl. Total Sch. 1—\$110,000; Sch. 2—\$55,000. 10c allowed on returned sacks. R. R. Connection S. P. Del. Oswego, Ore.

CONTRACT AWARDED

OAKLAND, Calif.—Geo. Forni Mfg. Co., 1379 62nd St., Oakland, at \$7,310 (Items 1, 3, 4 and 5) and Art Concrete Works, 24th and Adeline St., Oakland, at \$131.50 (Item 2), were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS-217, for furnishing (1) 5000 meter boxes with covers; (2) 2500 extra concrete meter covers, rectangular type; (3) 1500 extra meter covers, oval type; (4) 400 meter boxes, type 5, with covers, and (5) 150 meter boxes, type 6, with covers. * 20

BIDS OPENED

SACRAMENTO, Calif.—Thompson Lumber & Piling Co., Portland, at the \$152.90, submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-38-315, for furnishing and delivering 82,000 ft. b.m. of lumber for the construction of mattress revetment on the Sacramento River.

Total bids follow:

Thompson Lumber & Piling Co., Portland, \$18.45; total \$152.90; f.o.b. bidder's point of selection.

James L. Hall, San Francisco, \$18.50; total \$1517; f.o.b. bidder's point of selection.

Diamond Match Co., Chico, \$19.50, total \$1599; f.o.b. bidder's point of selection.

W. T. Ferguson, St. Louis, \$20.50; total \$1681; f.o.b. Seattle, Wash., and bidder's point of selection.

Bouchoer Lumber Co., \$20.50; total \$1681; f.o.b. bidder's point of selection.

Monroe Lumber Co., \$26.57; f.o.b. Sacramento; \$18.50 f.o.b. bidder's point of selection. * 20

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$211.23, was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-38-231, for steel floor plate supports; f.o.b. Fort Funston. * 20

CONTRACT AWARDED

SAN FRANCISCO—A. M. Castle & Co., 20th and Indiana Sts., San Francisco, at \$291.92, awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-38-227, for 6,680 lbs. steel; f.o.b. Fort Cronkhite, Marin Co. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, for furnishing Traffic Lacer, as follows:

- (1) 110,000 gals. white lacquer; (a) San Francisco, (b) Los Angeles.
- (2) 4,000 gals. black lacquer; (a) San Francisco, (b) Los Angeles.
- (3) 1,500 gals. yellow lacquer; (a) San Francisco, (b) Los Angeles.
- (4) 5,000 gals. thinner; (a) San Francisco, (b) Los Angeles.
- (5) 100 gals. gum thinner; (a) San Francisco, (b) Los Angeles.

Bids were:

Leon Finch, Ltd., (2) (a) 89c, (b) 83c, (3) (a) \$1.10, (b) \$1.02; (4) (a) \$0.48, (b) 42c; (5) (a) \$0.66, (b) \$0.59. Daily production 600 gals. Guaranteed quantity July 2500 gal.; August 3000 gals.

W. F. Fuller & Co. (1) (a) 92c, (b) 95c; (2) (a) 77c, (b) 80c; (3) (a) \$1.29, (b) \$1.32; (4) (a) 49c, (b) 52c; (5) (a) 56c, (b) 59c. Daily production 1500 gals. Quantity by July,

30,000 gals; August, 30,000 gals.

The Glidden Co., (1) (a) \$1.10, (b) \$1.14; (2) (a) 89c, (b) 94c; (3) (a) \$1.31, (b) \$1.38; (4) (a) 49c, (b) 54c; (5) (a) 75c, (b) 80c. Daily production 1250 gals; July 30,000 gals.; August 30,000 gals.

Dan P. Maher Paint Co., (1) (a) \$0.9375, (b) \$0.9875; (2) (a) 81c, (b) 86c; (3) (a) \$1.03, (b) \$1.08; (4) (a) 45c, (b) 48c; (5) (a) 68c, (b) 73c. Daily prod., 1400 gals. August, 40,000 gals.; 1% 10 days.

The Paraffine Companies, Inc., (1) (a) 99c, (b) \$1.03; (2) (a) 90c, (b) 93c; (3) (a) \$1.08, (b) \$1.11; (4) (a) 53c, (b) 56c; (5) (a) 73c, (b) 76c. Daily prod., 1,000 gals. July, 10,000 gals.; August, 25,000 gals.; 1% 10 da.

National Lead Co., (1) (a) \$1.45, (b) \$1.50; (2) (a) \$1.21, (b) \$1.26; (3) (a) \$1.60, (b) \$1.65; (4) (a) 53c, (b) 58c; (5) (a) 75c, (b) 80c. Daily production, 4,000 gals.; July, 5,000 gals.; August, 5,800 gals.; 1% 10 days.

Sherwin-Williams Co., (1) (a) \$1.02, (b) \$1.02; (2) (a) 89c, (c) 89c; (3) (a) \$1.36, (b) \$1.36; (4) (a) \$0.485, (b) \$0.485; (5) (a) 79c, (b) 79c. Daily prod., 1500 gals.; July, 30,000 gals.; August, 30,000 gals. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-228, for furnishing steel doors; f.o.b. (1) Fort Funston, San Francisco; (2) Ft. Cronkhite, Marin County.

Bids were:

Western Ornamental Iron Works, (1) \$1580; (2) \$745; net.
Herrick Iron Works, Oakland, (1) \$163.60, (2) \$592.40; net.

Star Ornamental Iron Works, S. F., (1) \$1214.31; (2) \$102.65; 2% 10 da.
Moore Dry Dock Co., Oakland, (1) \$1529.45; (2) \$775; net.

Berkeley Steel Constr. Co., Inc., (1) \$980. (2) \$560; 1/2% 10 days.

The Steel Tank & Pipe Co., Oakland, (1) \$1345.80, (2) \$695.80; net.

Sub Contracts Awarded

ADDITION Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
Oak Hill Cemetery.

Addition to mausoleum.

Owner—Oak Hill Cemetery Assn.

Architect—Binder & Curtis, 25 West

San Carlos St., San Jose.

Contractor—Bridges Constr. Co., 1398

Lincoln Ave., San Jose.

Roofing—Johns-Manville Co., 116 New

Montgomery St., San Francisco.

Plumbing—Mark Cox, 1091 Carolyn

Ave.

Electric Wiring—Gulbert Electric

Co., 286 W. Santa Clara.

Sheet Metal—Henry Eiltzert, 748 The

Alameda.

Glass—LeDeit Glass Co., 762 Lenzen

Ave.

Iron Grille Work—Hellwig Iron and

Wire Works, 407 Vine St.

Brick and Stone Work and Hollow

Tile—H. F. Rediker, Rte. 1, Box

419-A.

Grading—E. G. Keeble, Jr., Rte. 4,

Box 278, Tully Road.

Lumber—Southern Lumber Co., 1402

S. 1st St.

Mill Work—Chase Lumber Co., 547

W. Santa Clara.

Painting—Bud Gallchotte, 201 South

Market St.

Lathing and Plastering—Ira T. Brid-

ges, 654 Oberlin St., Palo Alto.

All of San Jose, unless otherwise

noted.

CONTRACT AWARDED

LOS ANGELES, Cal.—Long Bell Lbr. Co., at \$15,418, was awarded contract by Los Angeles Water and Power Commission, for pressure creosoted poles; Spec. 2600. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Walter R. Cole & Co., 5th and Adeline Sts., Oakland, at \$247.20, 2% 10 days, f.o.b. Oakland, submitted low bid and was awarded contract by the Forest Service Supply Officer, Government Island, Oakland, under Bid No. 5902, for furnishing one oil underground storage tank. * 20

BIDS REJECTED

SAN FRANCISCO, Calif.—The U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, rejected all bids under Bid No. 868-38-217, for furnishing 2 air tanks. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-38-276, for furnishing and delivering approximately 10,000 barrels of Portland cement in 94-lb. paper bags to be used in the construction of the North Fork Dam on the North Fork of American River in Placer County near Auburn:

Bids were:

Pacific Portland Cement Co., San Francisco, \$1.45 per bbl. Total \$14,500. No disc. Deliv. Redwood Harbor.

Calaveras Cement Co., \$1.51 per bbl. Total \$15,100. No disc. Deliv. Kentucky House, Calif.

Monolith Portland Cement Co., \$1.63 per bbl. Total \$16,300. 10c bbl. disc. Deliv. Monolith.

Henry Cowell Lime & Cement Co., S.F., \$1.70 per bbl. Total \$17,000. 10c bbl. disc. Deliv. Cowell, Calif.

Santa Cruz Portland Cement Co., San Francisco, \$1.90 per bbl. Total \$19,000. No disc. Deliv. Stockton. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Blue Diamond Corp. at \$24,000 (est. total) was awarded contract by L. A. City Purch. Agt. for portland cement for one year, Spec. 3767. 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 85,000 tons coarse agg. and sand, Invt. 613, opened by U. S. Engineer, L. A., were:

Standard Rock Prod., \$1.149 ton; total, \$97,665; disc. \$.20 ton 25th prox. Batch plant, 300 ft. from Sta. 425 on L. A. River.

Consolidated Rock Products, Blue Diamond Corp., John D. Gregg and City Rock & Gravel Co., bidding jointly, \$1.34 ton; total, \$113,900; disc. \$10 ton 25th prox. Additional disc. for quick delivery; if 85,000 tons are delivered within 90 days, deduct \$.04 ton; if delivered within 60 days, deduct \$.08 ton.

Graham Bros., Eastside Bldg. Material Co. and Granite Material Co., bidding jointly, \$1.435 ton; total, \$121,975; disc. \$.20 ton 25th prox. Batch plant, 1500 ft. from intersection of Western Ave. and Riverside Drive. 20

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

STORE ROOM, \$150; 619 Colusa, Berkeley; owner and contractor, Carl Bartlett, Prem.
RREROOF, \$105; 1631 Francisco Ave., Berkeley; owner, Mary E. Buell, Prem.; contractor, S. P. Sorenson, 5511 Dover, Oakland.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------|---------------------|
| 21.—Bridges | 30.—Reservoirs and |
| 22.—Dredging, Harbor | Works |
| 23.—Excavation | 31.—Pipe Lines and |
| 24.—St. Light, Systems | Wells |
| 25.—Machinery and | 32.—Sewers & Sewage |
| Equipment | Disposal Plants |
| 26.—Railroads | 33.—Water Works |
| 27.—Fire Alarm Sys. | 34.—Parks & Play- |
| 28.—Fire Equipment | grounds |
| 29.—Streets & High- | 35.—Tunnels |
| ways | |

21— BRIDGES

BIDS WANTED

PLACER COUNTY, Calif.—Until July 27, 2:00 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a steel girder and reinforced concrete deck overhead crossing over the tracks of the Southern Pacific Company at Colfax, consisting of one 101.99 ft. span, one 94.00 ft. span, one 93.97 ft. span, one 90.00 ft. span, one 88.59 ft. span and one 35.75 ft. span, Placer County, Calif.

Work involves:

- (1) 1,250 cu. yds. struct. excav.
- (2) 408,000 lbs. bar reinf. steel.
- (3) 1,730 cu. yds. Class A port. cem. conc.
- (4) 360,000 lbs. struct. steel.
- (5) 6,320 lin. ft. furnish cast in place conc. piles.
- (6) 316 each driving steel shells.
- (7) 12,000 lbs. misc. steel.
- (8) 936 lin. ft. steel railing.
- (9) 140 lbs. sheet copper.
- (10) 1 lot conduit and fittings.
- (11) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

ORANGE COUNTY, Calif.—Until July 28, 2:00 P.M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for repairing a reinforced concrete continuous girder bridge across Santa Ana River about two miles north of Newport Beach (VII-ORA-60-A), Orange County, Calif.

Work involves:

- (1) 1 lot remove and dispose of temporary detour and bridge.
- (2) 850 cu. yds. remove and dispose of exist. conc.
- (3) 200 cu. yds. struct. excav.
- (4) 131,000 lbs. bar reinf. steel.
- (5) 92 cu. yds. class A port. cem. conc. footing blocks.
- (6) 680 cu. yds. class A port. cem. conc. struct.
- (7) 12 cu. yds. class A port. cem. conc. railing.
- (8) 1,890 lin. ft. furn. precast conc. piles include test piles.
- (9) 54 each drive precast conc. piles include test piles.
- (10) 5600 lbs. misc. iron and steel.
- (11) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento, Calif. * 21

BIDS WANTED

ORANGE COUNTY, Calif.—Until July 28, 2:00 P.M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for repairing a bridge across San Juan Creek, about eleven miles east of San Juan Capistrano (VII-94-64-B) and approaches to be graded and surfaced with plant mixed surfacing, Orange County, Calif.

Work involves:

- (1) 1 lot remove and dispose of exist. pier and debris.
- (2) 1 lot remove detour.
- (3) 120 M. gals. water.
- (4) 750 cu. yds. struct. excav.
- (5) 1250 cu. yds. import borrow.
- (6) 0.3 ton liq. asph. SC-2 prime coat.
- (7) 43 tons min. egg plant mix surf.
- (8) 2.5 tons liq. asph SC-4 plant mix surf.
- (9) 37,000 lbs. bar reinf. steel.
- (10) 121 cu. yds. class A port. cem. conc. footing blocks.
- (11) 270 cu. yds. class A port. cem. conc. structures.
- (12) 86,000 lbs. struct. steel.
- (13) 3300 lbs. misc. iron and steel.
- (14) 260 lin. ft. timber railing.
- (15) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento, Calif. * 21

CONTRACT AWARDED

MODOC COUNTY, Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at \$20,665, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for the construction of a reinforced concrete slab bridge across the North Fork of Pit River in the City of Alturas, consisting of one 45-ft. span and two 15-ft. cantilever spans on concrete piles, Modoc County. * 21

CORRECTION—BIDS WANTED

MENDOCINO COUNTY, Cal.—Until July 29, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., San Francisco, for construction of a reinf. concrete box girder bridge across South El River about nine miles northeast of Longvale, consisting of one 95-ft. 0-in. span, two 84-ft. 6-in. spans, and two 28-ft. 0-in. cantilever spans on concrete piers and for grading about 0.23 mile of approach roadway (I-Men-Feeder Road) Mendocino Co.

Work involves:

- (1) 1 lot clear and grub;
- (2) 130 M. gals. water;
- (3) 19,000 c.y. rdwy. excav.;
- (4) 150 c.y. ditch and channel excav.

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

- (5) 1,000 c.y. struc. excav.;
- (6) 3,800 c.y. rock fill;
- (7) 198,000 lbs. bar reinf. steel;
- (8) 655 c.y. Class A Portland cement conc. struct.;
- (9) 5,080 lbs. misc. iron and steel;
- (10) 696 lf. timber rail;
- (11) 24 lf. 18-in. CMP culverts;
- (12) 40 lf. remove, clean and relay CMP culverts;
- (13) 660 lf. drill and grout anchor dowels;
- (14) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

LANE CO., Oregon.—The United Contracting Co., Portland, Ore., at \$48,755, awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Ore., under Bid No. 698-38-613, for bank clearing, bank sloping, gravel borrow and gravel excavation and construction of approximately 3,780 feet of rock riprap revetment, located in the Lane County District Improvement Co. No. 1, at Marshall Island, 170 miles above the mouth of Willamette River, Lane Co., Oregon. * 22

CONTRACT AWARDED

CENTRAL VALLEY PROJECT—Pearson, Minnis & Moody and Warner & Webb, 650 North Robertson Blvd., Los Angeles, at \$340,922, awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 776, for construction of earthwork, tunnel canal lining and structures, Station 209-65 to Station 638-00, Contra Costa Canal, Delta Division, Central Valley Project, Calif. * 22

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—American Dredging Co., 255 California St., San Francisco, at \$179,575 awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, Dist. Engineer, Custom House, San Francisco, for dredging about 3835 c.y. of material in the tidal canal, Oakland Harbor. * 22

LOW BIDDERS

SANTA ANA, Orange Co., Calif.—Person & Hollingsworth and Wilber C. Cole, Los Angeles, at \$241,494 submitted low bid to the Orange County Supervisors for the construction of grade and drainage structures on the Atchison, Topeka and Santa Fe Ry. between Corona and Scully Station and portions of State Highway (VIII-Riv-43-A), occasioned by the construction of the Prado retaining basin, Riverside.

Oswald Bros., Los Angeles, at \$242,779.00 submitted second low bid. Complete bids will be published shortly. * 22

NOTICE

LOS ANGELES, Calif.—A public hearing will be held August 4, 10:00 A.M. in the Chamber of Board of Supervisors, County Court House, Monterey and Osos Sts., San Luis Obispo, to give local interests an op-

portunity to present a plan or plans of improvement on Morro Bay to Major Theo. Wyman, Jr., District Engineer, U. S. Engineer Office, 751 South Figueroa St., Los Angeles.

23— CANALS

CONTRACT AWARDED

ALL-AMERICAN CANAL.—W. E. Callahan Constr. Co. and J. P. Shirley, 454 Wilcox Bldg., 206 S. Spring St., Los Angeles, at \$382,872, were awarded contract by the Bureau of Reclamation, Yuma, Ariz., for earthwork excavation for the Coachella Canal, All-American Canal System, Sta. 2 plus 24 to Sta. 2293 plus 00, Spec. 782.

25—MACHINERY AND EQUIPMENT

BIDS WANTED

SAN MATEO COUNTY, Calif.—Until July 15, 7:30 P. M., bids will be received by the Board of Trustees of the Sequoia Union High School, W. W. Hilton, Clerk, Redwood City, for furnishing the following:

- (1) School bus, capacity 58-passengers; fob Redwood City;
- (2) Alternate. Same as No. 1, with trade-in allowance of 1926 International 50-passenger school bus.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SACRAMENTO, Calif.—Until July 15, 3:00 P. M. bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-2, for (a) furnishing one R. D. No. 7, or equal, Caterpillar tractor equipped with LeTourneau or equal double drum power unit and bulldozer for 300 hours use in the vicinity of Cottonwood, Calif.; (2) mobilization and delivery of equipment.

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-249, for furnishing acetylene welding equipment and supplies; fob S. F. waterfront:

- C. W. Marwedel, Lot (1) \$121.91; (2) \$107.11; (3) partial bid; disc. 2% 30 days.
- Linde Air Products Co., (1) \$135.65; (2) partial bid; (3) partial bid; net.
- Victor Equipment Co., (1) \$121.03; (2) \$91.46; (3) \$125.78; net.
- Welding Service Sales Co., (1) \$174.50; (2) \$86.32; (3) \$129.60; 1% 10.
- National Welding Equipment, (1) \$169.07; (2) \$97.61; (3) partial; net.
- Air Reduction Sales Corp., (1) \$84.98; (2) partial; (3) \$102.14; net.
- C. F. Buliotti Mch'y. Co., (1) \$121.03; (2) \$91.46; (3) \$125.78; net.

BIDS WANTED

SACRAMENTO, Calif.—Until July 25, 10:00 A. M. bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 72491, for furnishing equipment, as follows:

- REQ. HS 18606: Two 4-wheel drive trucks; f.o.b. Sacramento.
- REQ. 3148: Three 4-ton, 4-wheel drive truck chassis and cabs; f.o.b. Blshop.
- REQ. 27235: One 4-5 ton four-wheel drive truck chassis with cab; f.o. b. Redding.

- REQ. 27090: One 4-wheel drive truck chassis with cab; f.o.b. Redding.
- REQ. 17124: Three 4-5 ton four-wheel drive truck chassis with enclosed cab; f.o.b. Eureka.
- REQ. 27240: One 3-ton four-wheel drive truck chassis with cab; f.o.b. Redding.

NOTE: Bidders must state size and location of parts stocks carried in this State for models bid on and preference will be given to bidders maintaining an adequate parts stock in this State.

BIDS OPENED

MENDOCINO AND LAKE COUNTIES, Calif.—Clay Long, 30 Menker Avenue, San Jose, at \$3.94 per hour submitted low bid to the State Division of Highways, Department of Public Works, G. F. Helescoec, Acting District Engineer, 546 W. Wash Ave., Eureka, for the rental of one only ¾-cu. yd. power shovel equipped with clamshell bucket, boom, and trailer, for 600 hours' use in Mendocino and Lake Counties, Calif.

Total bids follow:

Clay Long, 30 Menker Ave., San Jose	\$3.94
A. D. Robinson, Healdsburg	\$3.25
Delose Kemp, Fernbridge	\$4.95
	25

BIDS REJECTED

SAN FRANCISCO.—The U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-252, rejected all bids for rental of one ½-ton truck for 3 months.

BIDS OPENED

DENVER, Colo.—Following submitter bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1084-D, for furnishing and delivery: one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at Grand Coulee Dam, Columbia Basin Proj., Wash.; one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at Marshall Ford Dam, Colorado River Project, Texas; and one 8x14-foot bulkhead gate for installation at the inlet of any one of the three station-service penstocks at the Grand Coulee Dam; fob shipping point and/or railroad destination. Gates will be installed by the Government.

- Bids were:
- American Bridge Co., Denver: (1) \$3,979, fob 48,275; (3) \$3,167, wt. 33,613; (5) \$2,982, wt. 29,090; combination 1, 3 and 5, \$9,699; net; fob Gary, Indiana.
 - Virginia Bridge Co., Roanoke, Va.: (1) \$3,940, wt. 49,000; (3) \$2,798, wt. 34,000; (5) \$2,955, wt. 29,400; net; fob Memphis, Tenn.
 - The Morgan Engr. Co., Alliance, O.: (1) \$3,100, wt. 51,000; (2) \$7,300, wt. 39,000; (3) \$10,135, wt. 33,000; (4) \$6,100, wt. 29,000; (5) \$8,620, wt. 29,000; ½% fob Alliance.
 - John W. Beam, Denver, (1) \$4,250, wt. 49,500; (3) \$3,150, wt. 34,000; (5) \$3,125, wt. 30,000; ½% fob Chicago.
 - Hansell-Elcock Co., Chicago: (1) \$2,948, wt. 49,975; (2) \$1,738, wt. 34,551; (3) \$1,978, wt. 34,988; (4) \$1,200, wt. 26,038; (5) \$2,346, wt. 30,558; ½% fob Chicago.
 - Valley Iron Works, Yakima, Wash., (2) \$4,710, wt. 41,500; 5% fob Yakima.
 - Worden-Allen Co., Milwaukee, (1) \$4,514, wt. 51,500; (3) \$3,443, wt. 35,500; (5) \$3,687, wt. 31,500; ½% fob Milwaukee.
 - Wisconsin Bridge & Iron Co., Milwaukee, (1) \$3,813.53, wt. 48,000; (2) \$3,210.72, wt. 39,300; (3) \$2,722.17, wt.

- 32,900; (4) \$2,527.24, wt. 26,400; (5) \$2,943.39, wt. 28,500; net; fob Milwaukee.
- Smith Crop. d/b/a General Iron & Steel Works, Portland, Ore., (1) \$4,820, wt. 49,448; (3) \$2,958, wt. 31,612; (5) \$3,020, wt. 29,689; combination 1, 3 and 5, \$7,490; combination 1, 3 and 5 \$10,320; net; fob Portland.
- Berkeley Steel Const. Co., Inc., Berkeley: (1) \$5,400, wt. 48,000; (2) \$4,600, wt. 42,000; (3) \$4,250, wt. 34,000; (4) \$2,950, wt. 27,000; (5) \$4,800, wt. 29,000; combination 1, 3 and 5, \$14,250; combination 2, 4 and 5, \$12,250; ½% fob Berkeley.

- Koppers Co., Bartlett Hayward Division, Baltimore, Md.: (1) \$5,180, wt. 47,500; (3) \$4,220, wt. 33,000; (5) \$4,080, wt. 28,500; combination 1, 3 and 5, \$13,246; ½% fob Baltimore.
- Hunter Steel Co., Pittsburgh, Pa., (1) \$4,700, wt. 48,000; (3) \$3,900, wt. 38,000; (5) \$3,800, wt. 30,000; combination 1, 3 and 5, \$11,200; net; fob Neville Island, Pa.
- Lakeside Bridge & Steel Co., Milwaukee, (1) \$4,282, wt. 49,970; (2) \$3,389, wt. 39,000; (3) \$3,075, wt. 35,000; (4) \$2,560, wt. 26,300; (5) \$3,221, wt. 30,400; combination 1, 3 and 5, \$10,478; 2, 4 and 5, \$8,960.
- Commercial Iron Works, Portland, Ore.: (1) \$4,445, wt. 48,000; (3) \$3,607, wt. 38,000; (5) \$3,490, wt. 31,000; combination 1, 3 and 5, \$10,964; ½% fob Portland.

CONTRACTS AWARDED

KENDRICK PROJECT, Wyo.—U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 775, awarded contracts to the following for furnishing and delivering (1) 4 10,000-kva, 60-cycle, 6900 to 66,400/115,000 Y-volt, self-cooled, single-phase transformers, one 115,000-volt, 600-ampere, 3-phase, oil circuit breaker, three 115,000-volt, 3-pole, manually operated, disconnecting switches, one 115,000-volt, 3-phase lightning arrester, and one 34,500-volt air break switch for installation in the Seminoe power plant; (2) four 5000-kv-a, 63,510/110,000 to 26,560/46,000 Y-volt, self-cooled, single-phase transformers, one 115,000-volt, 600-ampere, 3-phase oil circuit breaker, three 115,000-volt, 3-pole, manually operated, disconnecting switches, and one 115,000-volt, 3-pole lightning arrester for installation in the Greeley substation; (3) four 2,500-kv-a, 60-cycle, 63,510/110,000 Y- to 13,800-volt, self-cooled, single-phase, transformers, three 115,000-volt, 600-amp, 3-phase, oil circuit breakers, ten 115,000-volt, 3-pole, manually operated, disconnecting switches, and one 115,000-volt, 3-pole lightning arrester for installation in the Cheyenne substation, and (4) 1 34,500-volt air break switch for installation in the Rawlins substation, Kendrick Project, Wyoming;

American Transformer Co., Newark, N. J., (1) \$174,090.

Pacific Electric Mfg. Corp., S. F., (2) \$67,600.

Memo Engr. & Mfg. Co., Long Island, N. Y., (3) \$24,460.

BIDS OPENED

MONTEREY and San Benito Cos., Cal.—Picanso and Rhodes, 19 Stanford St., Watsonville, at \$2.95 per hour submitted low bid to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of one motor grader for approximately 30 working days in Monterey and San Benito Counties.

Walter Roselip, San Luis Obispo, at \$4.55 per hour, submitted only other bid.

BIDS OPENED

BUFFALO RAPIDS PROJ., Mont.
—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1086-D, for furnishing and delivering 2,300-volt motor-control equipment, four 1,667-kv-a, single-phase, 60-cycle, 33,000/66,000 to 2,400-volt, oil-immersed self-cooled transformers; one 3-pole, 34,500-volt lightning arrester; one 600-ampere, 69,000-volt, 3-pole, single-throw, manual-gang-operated, air-break switch; and three 60,000-volt expulsion fuses for Glendive pumping plant, Glendive division, Buffalo Rapids Project, Mont.; fob shipping point and/or Fallon, Mont.

Bids were:
Elec. Power Equipment Corp., Philadelphia, Pa., (4) \$791; wt. 2,380; (5) \$346, wt. 1,060; net; fob Fallon, Mont.
Roller Smith Co., Bethlehem, Pa., (1) \$3,720, wt. 5,500; net; fob Bethlehem.

Wagner Elec. Corp., St. Louis: (2) \$17,236, wt. 108,000; net; fob Fallon.
Moloney Elec. Co., St. Louis: (2) \$17,148, wt. 122,000; net; fob Fallon.
Eowie Switch Co., San Francisco: (4) \$791, wt. 2,375; (5) \$346, wt. 1,050; net; fob Fallon.

The Standard Transformer Co., Warren, Ohio, (1) \$16,849.50, wt. 102,000; net; fob Fallon.

Railway & Industrial Engr. Co., Greensburg, Pa., (4) \$791, wt. 2,380; (5) \$346, wt. 1,045; net; fob Fallon.
Kulman Elec. Co., Bay City, Mich. (2) \$18,613, wt. \$2,273; net; fob Fallon.

General Elec. Co., Schenectady, N. Y., (1) \$5,974, wt. 8,300; fob Schenectady; (2) \$19,045, wt. 81,900; (3) \$343-20, wt. 345; (4) \$796, wt. 2,225; (5) \$346, wt. 990; net; fob Fallon.

Johnson Mfg. Co., Atlanta, Ga., (4) \$22,110, wt. 1,900; (5) \$379, wt. 975; net; fob Fallon.

Gold Seal Elec. Supply Co., Philadelphia: (4) \$773.20, wt. 2,375; (5) \$882, wt. 885; net; fob Fallon.

Southern States Equip. Co., Birmingham, Ala., (4) \$791, wt. 2,375; (5) \$346, wt. 1,230; net; fob Fallon.

Hi-Voltage Equipment Co., Cleveland, (4) \$796, wt. 2,400; (5) \$346, wt. 1,050; net; fob Fallon.

Royal Elec. Mfg. Co., Chicago, (4) \$698, wt. 2,150; (5) \$343, wt. 400; net; fob Fallon.

Schweitzer & Conrad, Inc., Chicago (4) \$773, wt. 2,375 (5) \$882, wt. 1,050; net; fob Fallon.

Pacific Elec. Mfg. Corp., San Francisco, (4) \$712, wt. 2,375; (5) \$346, wt. 1,050; net; fob Fallon.

Westinghouse Elec. & Mfg. Co., Denver (1) \$3,981.84, wt. 4,900; (2) \$19,585, wt. 98,200; (3) \$381.81, wt. 90; (4) \$806, wt. 1,600; net; fob Fallon.

Graybar Elec. Co., Inc., Denver: (3) \$343.20, wt. 345; (4) \$799, wt. 2,375; (5) \$350, wt. 1,050; net; fob Fallon.

Pennsylvania Transformer Company, Pittsburgh: (2) \$18,272, wt. 100,800; net; fob Fallon.

The Wolfe & Mann Mfg. Co., Baltimore, (1) \$3,447, wt. 4,875; net; fob Baltimore.

Delta Star Elec. Co., Chicago, (4) \$791, wt. 2,395; net; fob Fallon.

American Transformer Co., (2) \$19,925, wt. 84,000; net; fob Fallon.

Allis-Chalmers Mfg. Co., Milwaukee, (2) \$19,588, wt. 110,000; net; fob Fallon * 25

BIDS OPENED

NORTH PLATE PROJECT, Nebraska-Wyoming—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1067-D, for furnishing and delivering one 34,500-volt, 3-phase, stationary type lightning arrester for the Guernsey power plant, North Platte

Project, Neb.-Wyo.; f.o.b. shipping point and/or Guernsey, Wyo. Apparatus will be installed by the Government.

Bids were:
Graybar Electric Co., Inc., Denver, Colo., (2) \$840, wt. 1,005; net; f.o.b. Guernsey, Wyo.
Kelman Elec. & Mfg. Co., Los Angeles, Cal., (1) \$3,420, wt. 9,728; net; f.o.b. Guernsey, Wyo.

Pacific Electric Mfg. Corp., San Francisco, (1) \$3,703, wt. 8,000; f.o.b. Guernsey, Wyo.

General Elec. Co., Schenectady, N. Y., (1) \$3,782, wt. 8,400; (2) \$840, wt. 1005; net; f.o.b. Guernsey.
Westinghouse Elec. & Mfg. Co., Denver, (1) \$3807, wt. 4559; (2) \$840, wt. 1005; net; f.o.b. Guernsey.
Allis-Chalmers Mfg. Co., Milwaukee, (1) \$3749, wt. 8700; net; f.o.b. Guernsey. * 25

BIDS OPENED

SANTA BARBARA CO., Calif.—Following submitted bids to the State Division of Highways, Department of Public Works, L. H. Gibson, District Engineer, San Luis Obispo, for rental of six 4-cy. (or more) dump trucks for 30 days' use in Santa Barbara County.

Bids taken on: (1) hand loading; (2) power loading.

Bids were:
Rock & Gravel Trucking Co., Oakland, (1) \$2.30, (2) \$2.55.

*Western Trucking Co., Inc., Los Angeles, Cal., (2) \$2.20, (2) \$2.60.

R. B. Snow, Santa Maria, (1) \$2.85, (2) \$2.60.

C. V. Clark, Jr., North Hollywood, (1) \$2.35, (2) \$2.80.

*Chas. W. Beguhl, Millbrae, (1) \$2.40, (2) \$2.90.

*Harry E. Smith, Los Angeles, (1) \$2.40, (2) \$2.90.

*J. Tedesco, Huntington Park, (1) \$2.40, (2) \$2.90.

Sprague & White, Long Beach, (1) \$2.55, (2) \$2.90.

Bradley Truck Co., Santa Maria, (1) \$2.75, (2) \$3.00.

*Bids irregular. * 25

BIDS OPENED

MERCED COUNTY, Cal.—Following submitted bids to the State Division of Highways, Department of Public Works, P. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for the rental of one ¾-cy. diesel or gasoline operated shovel, complete serviced, for use in Merced County. Bids were:

C. E. Huils, Merced: (1) \$5.75; (2) \$6.65.
Geo. W. French, Stockton, (1) \$5.10; (2) \$6.00.
W. M. Young, Tracy, (2) \$5.00. * 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-233, for furnishing (1) one portable centrifugal pump; and (2) 16 feet of 2-inch suction hose.

Bids were:
Edward R. Bacon Co., (1) \$183, (2) \$25.30; 10% 30 days.
Woodin & Little, (1) \$125, (2) \$15; 2% 20 days.

Knox-Hale Machinery Co., (1) \$161.50, (2) \$13.06; 2% 20 days.
Harron Rickard & McCone Co., (1) \$152, (2) \$22.40; 2% 30 days.

A. L. Young Machinery Co., (1) \$159, (2) \$17; 2% 30 days. * 25

CONTRACT AWARDED

SAN FRANCISCO—Simonds Machinery Co., 816 Folsom St., San Francisco, at \$180.00, net, submitted only bid and was awarded contract

by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-240, for two oscillating pumps complete.

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-234, for furnishing one oil purifier, centrifugal type, complete with individual motor drive; f.o.b. San Francisco.

Bids were:
Goulds Pumps, Inc., \$437.50; net.
Sharples Specialty Co. of Calif., 0873.50; net.
DeLaval Pacific Co., \$739.80; net. * 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-247, for furnishing and delivering one woodworking machine, complete with attachments and necessary equipment; f.o.b. Fort Cronkrite, Marin County.

Bids were:
Harron Rickard & McCone Co., \$520.50; 5% 20 days.
DeWalt Machinery Co., \$520.50; 5% 20 days.
DeWalt Electric Saw & Tool Co., \$500; 2% 20 days; 1% 10 days. * 25

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until July 18, 2:00 P.M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1098-D, for furnishing and delivering structural-steel crane girders for the Seminoe power plant, Kendrick Project, Wyo. f.o.b. shipping point and/or Parco, Wyo. Structural steel crane girders will be erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$9.25 not returnable. * 25

BIDS WANTED

COLORADO PROJECT.—Until July 22, 2 P.M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1097-D for furnishing and delivering materials for two steel warehouse buildings one for the Government headquarters at Estes Park, Colorado; and one for the Government camp at Green Mountain Dam, Colorado—Big Thompson Project, Colo.; f.o.b. shipping point and/or railroad destination. Concrete foundations will be constructed and the buildings erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75 not returnable. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until July 19, bids will be received by the Procurement Division, Public Bldgs. Branch, Wash. D. C., for an electric water cooler, at the U. S. P. O. at Beverly Hills, L. A. Co., Calif.

BIDS OPENED

PORTLAND, Oregon.—Pacific Building Materials Company, Portland, Oregon, at \$17.50 per hour submitted only bid to the U. S. Engineer Office, District Engineer, 623 Pittcock Block, Portland, Ore., for the rental of one clamshell bucket

dredge, with suitable launch and other necessary attendant plant, fully manned and properly equipped and supplies for approximately 600 hours' work in the Willamette River, Oregon, between New Era, 5 miles above Oregon City and Independence, 12 miles above Salem; and in Yamhill River.

• 25

26— RAILROADS

BIDS IN—Under Advertisment
PORTLAND, Oregon.—Bids submitted to the Union Pacific Railroad Company, Sam Murray, Chief Engineer, Pittcock Block, Portland, for raising, leveling, and relocating tracks of the Union Pacific Railway along south side of the Columbia River from Cascade Locks to The Dalles, Oregon, are held under advisement.

• 26

27—WPA PURCHASES, RENTALS

BIDS WANTED
SAN FRANCISCO, Calif.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49-4th street, San Francisco, for furnishing supplies and rental of equipment, as follows:

- July 8, 10:00 A.M.
- BID No. 5700: Rental of two tandem rollers, not less than 10 tons capacity; f.o.b. 1155 Page St., S. F.
- BID No. 5701: Rental of one portable centrifugal pump, gas engine driven, equipped with 20 feet 2-inch suction hose and 200 feet 2-inch discharge hose; f.o.b. Mills Field, San Mateo Co.
- BID No. 5703: Rental of one pick-up truck, equipped with end gate and enclosed cab; f.o.b. 633 7th Street, S. F.

- July 11, 10 A.M.
- BID No. 5702: Rental of one flat bed truck not less than 1½-ton capacity; f.o.b. Mills Field, San Mateo Co.
- BID No. 5713: Rental of one ¼-ton pick-up truck equipped with end gate and enclosed cab; f.o.b. Kobbe and Washington Sts., S. F.

- July 12, 10 A.M.
- BID No. 5717: Douglas Fir lumber and plywood; f.o.b. Moscow St. and Geneva Avenue, S. F.

• 27

BIDS WANTED
SAN FRANCISCO, Calif.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and rental of equipment, as follows:

- July 11 10:00 A.M.
- BID No. 5721.—Rental of one tandem roller not less than 10 tons capacity; fob Geneva Ave. and Moscow St., S. F.
- BID No. 5722.—Rental of one tandem roller not less than 10 tons capacity; fob Geneva Ave. and Moscow St., S. F.

- July 15, 10:00 A.M.
- BID No. 5714.—640 sacks Portland cement; fob Fort Baker, Marin Co., Cal.
- BID No. 5715.—Misc sizes redwood and Douglas Fir lumber; fob Richmond, Cal.
- BID No. 5716.—Douglas Fir lumber; fob Cerrito & Buchanan Sts., Albany.
- BID No. 5718.—210 tons crushed rock; fob 29th Ave. & Camino Del Mar, S. F.
- BID No. 5719.—40,000 gals. emulsi-

oned asphalt; fob Skyline & Lake Merced Bldvs., S. F.
 BID No. 5720.—Douglas Fir lumber; fob Municipal Dock, Oakland.

• 27

29— STREETS AND HIGHWAYS

BIDS WANTED
HICKAM FIELD, T.H.—Until July 19, 11 A.M., bids will be received by Capt. John A. Hunt, Constructing Quartermaster, Hickam Field, T.H., under Bid No. CQM 397-39-1 for performing miscellaneous grading and filling at Hickam Field. Plans and specifications obtainable from above office upon deposit of \$5 (cert. check payable to Finance Officer, U. S. Army, Honolulu, T.H.).

• 29

BIDS OPENED
STATE OF OREGON.—Bids were received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Public Service Building, Portland, Oregon, for highway construction, as follows:

Klamath County: Bly Mountain-Beatty Section of Klamath Falls-Lakeview Highway, Federal Aid Secondary Project No. FAS 30-D(1) and Federal Lands Highway Project No. FLH 7-A(1); 0.42 ml. grading; 10.17 ml. surfacing and oiling, and furnish 3,000 c.y. crushed rock in stock piles. Requires approximately 2,700 c.y. excavation; 51,700 c.y. of crushed rock, and 119,300 sq. yds. oil mat surface treatment.

Low Bidder.—McNutt Bros., Eugene, \$105,440.
Other Bidders.—Fisher Bros., Oregon City, \$109,869; E. C. Hall Co., Eugene, \$113,427.30; Clifford A. Dunn, Klamath Falls, \$114,305.60; Babler Bros., Portland, \$117,688; Edwin C. Gerber, Oregon City, \$122,888.60; A. Niline, Portland, \$125,361.

Marion County: Court Street Section of Pacific Highway East in Salem. National Recovery Highway Project No. NRM 176-D (1935) (1); 0.19 mi. paving. Requires approximately 2,300 c.y. excavation; 30 c.y. concrete curb; 950 sq. yds. concrete sidewalk; 650 c.y. gravel base; 4,950 sq. yds. Portland cement concrete pavement, and 4,700 sq. yds. asphaltic concrete pavement.

Low Bidder.—Oregon Contracting Co., Portland, \$20,684.

Other Bidders.—Elderssen-Weygandt Co., Portland, \$20,041; The United Contracting Co., Portland, \$22,435.50; Harold Blake, Portland, \$22,898; Ross B. Hammond Co., Portland, \$27,476.50.

• 29

CONTRACT AWARDED
SHASTA, Lassen and Modoc Cos., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$11,606.40, awarded contract by the State Division of Highways, Public Wks. Bldg., Sacramento, for about 33.4 ml. of work to be done between Route 3 and Rush Creek, in Shasta, Lassen and Modoc Counties.

• 29

CONTRACT AWARDED
INYO CO., Calif.—E. S. & N. S. Johnson, P. O. Box 240, Pasadena, at \$21,960, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 0.8 mile to be graded and surfaced with imported surfacing material and applying penetration oil treatment and construction of a steel beam and reinforced concrete deck bridge near Camp Sabrina, Inyo County.

• 29

CONTRACT AWARDED
MENDOCINO CO., Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at \$84,900.50, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 7 miles to be surfaced with plant-mixed surfacing between southerly boundary and Hopland, Mendocino County.

• 29

CONTRACT AWARDED
SANTA BARBARA CO., Calif.—Basich Bros, 20530 S Normandie Avenue, Torrance, at \$140,428.30, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 6.9 mi. grading and surfacing with plant-mixed surfacing between Guadalupe and Santa Maria, Santa Barbara County, Calif.

• 29

CONTRACT AWARDED
SONOMA CO., Calif.—Embleton Shoemaker Co., 1874 San Antonio St., Albany, at \$54,151.91, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 2.4 miles grading and surfacing with plant mix surfacing between 1.5 miles southwest of Sebastopol and 3.9 miles southwest of Sebastopol, Sonoma County.

• 29

BIDS OPENED
SAN FRANCISCO, Calif.—Eaton and Smith, 715 Ocean Ave., San Francisco, at \$1,521.60 submitted low bid to the Department of Public Works, Room 231, City Hall, for improving the crossing of Felton and Oxford Sts. Est. cost \$1550.

- Work involves:**
- (1) 63 l.f. armored concrete curb.
 - (2) 284 sq. ft. 2-course conc. sidewalk.
 - (3) 2 brick catchbasins, complete;
 - (4) 96 l.f. 10-in. VCP culvert, in place
 - (5) 5,300 sq. ft. asphalt conc. pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic conc. wearing surface.
- Total bids follow:**
 Eaton and Smith, 715 Ocean Ave., S. F., (1) \$1.00, (2) \$0.15, (3) \$100; (4) \$2; (5) \$0.28; total \$1,521.60.
 Chas. L. Harney, S. F., (1) \$1.25, (2) \$0.20, (3) \$120, (4) \$2.50, (5) \$0.28; total \$1,659.50.

• 28

BIDS WANTED
VALLEJO, Solano Co., Calif.—Until July 11, 10:00 A.M. bids will be received by the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for the improvement of Tennessee St. from the eastern line of Amador St. to the eastern City Limits of the City of Vallejo.

- Work involves:**
- (1) 3,853 cu. yds. grading.
 - (2) 79,334 sq. ft. salvage rock base.
 - (3) 100 tons 3-inch crusher run slurry base.
 - (4) 79,334 sq. ft. 4-inch asphalt concrete base.
 - (5) 79,334 sq. ft. 2-inch asphalt concrete top.
 - (6) 170 cu. yds. Portland cement concrete curb and gutter.
 - (7) 4 catchbasins, Type A.
 - (8) 2,960 lin. ft. curb armor.
 - (9) 576 lin. ft. 12-inch CMP.
 - (10) 297 lin. ft. 10-inch CMP.
 - (11) 292 lin. ft. 8-inch CMP.

Plans and specifications may be obtained from the Superintendent of Streets upon the deposit of \$10.00 returnable.

• 29

BIDS WANTED
HUMBOLDT COUNTY, Calif.—Until July 12, 2:00 P.M., bids will be received by the Humboldt County

Board of Supervisors, Fred M. Kay, Clerk, Eureka, for surfacing approximately 11.18 miles of County roads in Road District No. 4 and 5; and oil seal 3.26 miles of road from Warren Creek to Mitchell School, District No. 5, Humboldt County.

Plans and specifications may be obtained from Frank E. Kelly, County Surveyor, Second and K Sts., Eureka, Calif. * 29

CONTRACT AWARDED

VALLEJO, Solano Co., Calif. — Union Paving Co., 212 Babcock Bldg., San Francisco, at \$20,366.06, awarded contract by the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for the improvement of Fourth Street and Fourth Street Extension, from Maryland St. to Bennett Ave. * 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until July 28, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 3.7 miles to be paved with Portland cement concrete, plant-mix surfacing and asphalt concrete on Sepulveda Blvd. bet. San Fernando Road and Brand Blvd. (VII-LA-158-LA) Los Angeles County.

Work involves:

- (1) 1,200 M. gals. water;
- (2) 100 c.y. remove concrete;
- (3) 500 c.y. struc. excav.;
- (4) 2,000 c.y. ditch and channel excavation;
- (5) 1,300 c.y. imported borrow.
- (6) 50,300 sq. yds. prepare subgrade
- (7) 195 sta. finish rdwy.;
- (8) 1,400 sq. yds. asphalt binder
- (9) 4,000 tons min. agg. plant mix surf.;
- (10) 210 tons liq. asphalt. ROMC-4 or ROMC-5 plant mix surf.;
- (11) 61 tons liq. asphalt. SC-2 prime coat;
- (12) 37,000 sq. yds. preparing, mixing and shaping shoulders;
- (13) 450 tons liq. asphalt. SC-2 shoulders
- (14) 2,900 tons asphalt. conc.;
- (15) 9,050 c.y. Class B Portland cement Conc. pavement;
- (16) 17,000 each pave. dowels;
- (17) 34,000 lbs. bar reinf. steel pave. and struc.;
- (18) 1 c.y. Class A Portland cement concrete struc.;
- (19) 1,900 sq. yds. mesh reinf.;
- (20) 210 c.y. Class A Portland cement conc. slope pave.;
- (21) 80 lf. 24-in. CMP;
- (22) 2 each culvert markers;
- (23) 250 each guide posts.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 29

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until July 27, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.6 mile to be graded and surfaced with road mix surfacing, and placing sacked concrete riprap, five and one-half miles east of Route 1 and Lake County portions between 17 and 23 miles east of Lucerne, 1-Men, Lak-15-A-C, Mendocino county.

- (1) clear and grub;
- (2) 155 M. gals. water;
- (3) 10,700 c.y. rdwy. excav., unclass.
- (4) 2,400 c.y. struc. excav.;
- (5) 20,500 sta. yds. overhaul;
- (6) 110 c.y. rock embankment;
- (7) 31 sta. finish rdwy.;
- (8) 1,030 c.y. gravel base;
- (9) 120 c.y. min. agg. road mix surf.
- (10) 65 tons liq. asphalt. SC-1A, prime coat;

- (11) 33 tons liq. asphalt. SC-4 road mix surf.;
 - (12) 25 lbs. bar reinf. steel;
 - (13) 1 c.y. Class A Portland cement concrete;
 - (14) 865 c.y. rubble masonry;
 - (15) 54 lf. 18-in. CMP;
 - (16) 20 lf. 24-in. CMP;
 - (17) 2,555 c.y. sacked conc. riprap;
- Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

STATE OF WASHINGTON—Until July 19, 10 A. M., bids will be received by L. V. Morrow, State Director of Highways, Olympia, Wash., for highway construction, as follows:

KING CO.: Paving with Portland cement concrete and constructing a steel and concrete undercrossing and shoofly trestle on about 0.3 mile of Primary State Highway No. 5, Pacific Coast Railroad Co. Undercrossing at Maplewood, Federal Aid Grade Crossing Project No. FAS 19-A (1) in King County, Wash., involving about 23,400 cu. yds. of excavation; 4,040 cu. yds. of selected roadway borrow, 2,260 cu. yds. of railroad ballast, 4,166 square yards of Portland cement concrete pavement, 1,020 cu. yds. of concrete, 49,980 lbs. of steel reinforcing bars, 553,000 pounds of structural steel, 12,000 pounds of cast steel, 40,000 lbs. of wrought iron, 8-250 lf. of untreated piling, 58 MBM untreated timber and lumber, 200 lf. of beam type guard rail, 804 lf. of pipe culverts and other items.

PIERCE COUNTY: Clearing, grading, draining, surfacing, constructing a bituminous surface treatment "plant mix" type and a reinforced concrete girder overcrossing on about 0.4 mile of Secondary State Highway No. 5-D, C. M. St. P. & K. R. Overcrossing at Puyallup, Federal Aid Grade Crossing Project No. F A G S 2-A (1) in Pierce County, Wash., involving about 136,640 cu. yds. of excavation, 1,190 cu. yds. of crushed stone surfacing, 3,867 lf. of cable guard rail design No. 6, 4 MBM of untreated timber and lumber, 626 cu. yds. of concrete, 168,000 pounds of steel reinforcing bars, 6,300 lbs. of structural steel (galvanized), 5-520 lf. of untreated timber piling, 1,072 tons of bituminous mixture plant mix, 27 tons of bit. cement, 2,764 lf. of half round corrugated metal gutter, 923 lf. of pipe culverts and other items.

PIERCE COUNTY: Clearing, grading, draining, paving with Portland cement concrete and constructing a reinforced concrete and steel undercrossing on about 0.3 mile of Secondary State Highway No. 5-G, Allison Vicinity - Undercrossing, Federal Aid Grade Crossing Project No. F A G S 292-A (2), in Pierce County, Wash., involving about 5 acres of clearing, 650 c.y. of excavation, 68-520 c.y. of selected roadway borrow, 2,820 cu. yds. of railroad track ballast, 1,900 railroad track ties, 22,000 lbs. of steel reinforcing bars, 154,000 lbs. of structural steel, 81 sq. yds. of cement concrete pavement, 420 lf. of treated piling, 4 MBM treated timber and lumber, 249 lf. of pipe culverts and other items.

GRANT COUNTY: Clearing, grading, draining, placing surfacing from stockpile, constructing a reinforced concrete and steel undercrossing and constructing a railroad shoofly trestle on about 0.3 mile of Primary State Highway No. 13, Neppel East-N. P. Ry. Undercrossing, Federal Aid Proj. No. 280 (1) in Grant Co., Wash., involving about 5 acres of clearing, 14,180 cu. yds. of excavation, 752 c.y. of concrete, 62,650 lbs. of steel reinforcing bars, 128,000 lbs. of structural steel, 29 MBM of untreated

timber and lumber, 2,300 lf. of untreated timber piling, 177 lf. of pipe culverts and other items.

ADAMS AND WHITMAN COS.: Clearing, grading, draining and surfacing of about 15.3 miles of Secondary State Highway No. 11-B, Hooper West, Federal Aid Secondary Project No. FAS 40-A (1), in Adams and Whitman Cos., Wash., involving about 9,260 c.y. of excavation, 2-380 c.y. of selected roadway borrow, 18,220 c.y. of crushed stone surfacing 168 lin. ft. of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento July 20, and in Los Angeles July 21:

Following is a list of blue prints and prices:

V-S-B-149-B, bridge across Santa Ynez River, bids to be opened in Sacramento: PLANS (No. of sheets) 16; (Cost) \$2.40; CROSS-SECTIONS (No. of sheets) 15; (Cost) \$1.30; (Total) \$3.70.

VII-Kin-10-C, Han, bet. Armona and Hanford, bids to be opened in Sacramento: PLANS (No. of sheets) -5; (Cost) \$2.20; CROSS-SECTIONS (No. of sheets) 57; (Cost) \$5.70; (Total) \$7.90.

VII-Ven-79-C, bet. Fillmore and Hopper Creek, bids to be opened in Los Angeles: PLANS (No. of sheets) 31; (Cost) \$3.10; CROSS-SECTIONS (No. of sheets) 100; (Cost) \$10.00; (Total) \$13.10.

IX-MNO-23-K, bet. Sonora Junction and Coleville, bids to be opened in Sacramento: PLANS (No. sheets) 16; (Cost) \$1.60; CROSS-SECTIONS (No. of sheets) 78; (Cost) \$7.80; (Total) \$9.40.

X-Mer-35-C, bridge across the San Joaquin river about 17 miles east of Los Banos, bids to be opened in Sacramento: PLANS (No. of sheets) 15; (Cost) \$2.20; CROSS-SECTIONS (No. of sheets) 19; (Cost) \$1.90; (Total) \$4.10.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the order to this office. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in San Francisco on July 22, 1938.

Following is a list of blue prints and prices:

IV-S-M-Feeder Road bet. Skyline Blvd. and La Honda: PLANS (No. of sheets) 4; (Cost) \$4.00; CROSS-SECTIONS (No. sheets) 65; (Cost) \$6.50; (Total) \$6.90.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the order to this office. * 29

BIDS WANTED

HUMBOLDT CO., Nevada.—Until July 14, 2:20 P. M., bids will be received by the State of Nevada Di-

rectors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 7.90 miles of the State Highway from a point approximately ten miles northeast of the Junction of State Routes Nos. 8 and 8E to Paradise, Route 8E, Section A, Humboldt Co., Nev.

- Work involves:
- (1) 24,464 lf. remove fence;
 - (2) 208 lf. remove culvert pipe;
 - (3) 13 each remove headwalls (concrete);
 - (4) 9 each remove headwalls (rubble);
 - (5) 25,732 c.y. rdwy. excav.;
 - (6) 1,370 c.y. drainage excavation;
 - (7) 113 sta. "V" type ditches;
 - (8) 13,296 c.y. borrow; do;
 - (9) 82,979 yd. sta. overhaul;
 - (10) 2,745 yd. m. overhaul;
 - (11) 760 c.y. struc. excav.;
 - (12) 960 c.y. backfill;
 - (13) 7.90 miles subgrade type B;
 - (14) 1,848 M. gals. water;
 - (15) 30,603 tons Type 1 gravel base;
 - (16) 24,160 tons gravel surface;
 - (17) 84 c.y. Class A concrete;
 - (18) 68 c.y. Class B concrete;
 - (19) 10,130 lbs. reinf. steel;
 - (20) 192 lf. 12-in. Corru. metal pipe;
 - (21) 886 lf. 15-in. do;
 - (22) 600 lf. 24-in. do;
 - (23) 34 lf. 30-in. do;
 - (24) 36 lf. 36-in. do;
 - (25) 188 lf. relay culvert pipe;
 - (26) 5,583 lf. reconstruct fence;
 - (27) 23,026 lf. reconstruct fence;
 - (28) 3 each 16-ft. steel gates;
 - (29) 36 each monuments;
 - (30) 1 each move mail box.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada; and from the District Office of the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon deposit of \$10.00, of which \$5.00 will be refunded. 29

BIDS WANTED

ELKO COUNTY, Nevada—Until July 14, 2:00 P.M. bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 0.50 miles of the State Highway through the City of Wells, Route 1, Section E2, Elko County, Nev.

- Work involves:
- (1) 209 lin. ft. remove culvert pipe.
 - (2) 9 cu. yds. remove concrete.
 - (3) 6355 sq. yd. remove and stock-pile roadmix surfacing.
 - (4) 4844 cu. yds. roadway excavation.
 - (5) 14 cu. yds. drainage excavation.
 - (6) 14,344 yds. sta. overhaul (yd. sta.).
 - (7) 149 yds. m. overhaul (yd. m.).
 - (8) 147 cu. yds. structure excavation.
 - (9) 196 cu. yds. backfill.
 - (10) 18550 sq. yds. subgrade, Type "B."
 - (11) 390 M gal. water.
 - (12) 493 ton, Type 1, gravel base.
 - (13) 2426 ton gravel surface.
 - (14) 900 cu. yds. salvaged aggregate.
 - (15) 15 ton liquid asphalt Type SC2 (Seal).
 - (16) 110 ton liquid asphalt Type SC2 (Roadmix).
 - (17) 18550 sq. yds. roadmix.
 - (18) 12 cu. yds. Class "A" concrete.
 - (19) 464 lbs. reinforcing steel.
 - (20) 150 lin. ft. 10-inch corrugated metal pipe.
 - (21) 194 lin. ft. 15-inch corrugated metal pipe.
 - (22) 1 each, move pipe culvert headwalls.
 - (23) 230 cu. yds. Class "A" con-

- crete curb and gutter.
- (24) 5950 lbs. castings.
- (25) 15 each, corrugated metal pipe tee.
- (26) 3 each, trash grate.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada; and from the District Office of the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon the deposit of \$10.00, \$5.00 of which will be refunded.

CORRECTION—BIDS WANTED

- VENTURA COUNTY, Calif.**—Until July 21, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 4 miles grading and surfacing with asphalt concrete overfilling Fillmore and Hopper Creek, Ventura County. Work involves:
- (1) 211 sta. clear and grub;
 - (2) 1,700 M. gals. water;
 - (3) 5,100 c.y. remove concrete;
 - (4) 86,000 c.y. rdwy. excav., unclass.
 - (5) 2,300 c.y. ditch and channel excavation;
 - (6) 840,000 sta. yds. overhaul;
 - (7) 3,000 c.y. struc. excav.;
 - (8) 45,000 sq. yds. preparing subgrade;
 - (9) 211 sta. finish rdwy.;
 - (10) 350 tons min. agg. plant mix surf.;
 - (11) 20 tons liq. asph., ROMC-4 or ROMC-5 plant mix surf.;
 - (12) 53 tons liq. asph. SC-2 prime coat;
 - (13) 3,200 sq. yds. asph. paint binder
 - (14) 54,000 sq. yds. prepare, mix and shape shoulders.
 - (15) 660 tons liq. asph. SC-2 road mix surf. treatment;
 - (16) 30 tons screenings, seal coat;
 - (17) 3 tons asph. emulsion, seal coat
 - (18) 19,950 tons asph. conc.;
 - (19) 90 c.y. Portland cement conc. pave. base;
 - (20) 35,000 lbs. bar reinf. steel;
 - (21) 1,200 lbs. misc. iron and steel;
 - (22) 395 c.y. Class A Portland cement conc. struc.;
 - (23) 220 lf. 42-in. stand. reinf. conc. pipe;
 - (24) 100 lf. 8-in. CMP;
 - (25) 80 lf. 18-in. CMP;
 - (26) 600 lf. 24-in. CMP;
 - (27) 60 lf. 30-in. CMP;
 - (28) 310 lf. 36-in. CMP;
 - (29) 60 lf. 42-in. CMP;
 - (30) 40 lf. remove, clean and relay existing CMP;
 - (31) 110 lf. remove, clean and salvage existing CMP;
 - (32) 65 lf. 90-in. multi-plate CMP;
 - (33) 7 each spillway assemblies;
 - (34) 64 each culvert markers;
 - (35) 0.2 mile move and reset property fences;
 - (36) 120 lf. bank protection fence;
 - (37) 1.1 miles new property fence;
 - (38) 5 each drive gates.

Plans and specifications may be obtained from the above office. Item 15 previously reported incorrectly. 29

LOW BIDDER

WHATCOM CO., Wash.—Washington Asphalt Co., 309 W. 39th Street, Seattle, at \$51,518, submitted low bid to the Whatcom County Engineer, Walter Winters, for about 30 miles of bituminous mix pavement in Whatcom County, Wash. 29

CORRECTION—BIDS WANTED

MONO CO., Calif.—Until July 20, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles grading, surfacing with road-mixed surfacing, and applying a Class A seal coat between

Sonora Junction and Coleville, Mono County, Calif.

- Work involves:
- (1) clear and grub;
 - (2) 875 M. gals. water;
 - (3) 18,000 c.y. roadway excavation, without classification;
 - (4) 535 c.y. struc. excav.;
 - (5) 47,200 c.y. ditch and channel excavation;
 - (6) 146,000 sta. yds. overhaul;
 - (7) 600 mile yds. overhaul;
 - (8) 2,900 c.y. import borrow;
 - (9) 10,100 c.y. heavy riprap;
 - (10) 270 c.y. sacked concrete;
 - (11) 186 sta. finish roadway;
 - (12) 16 tons liq. asph., ROMC-2 or 3 (prime coat);
 - (13) 1,850 c.y. min. agg. road mix surfacing;
 - (14) 122 tons liq. asph., ROMC-2 or ROMC-3 (road-mix surf.;
 - (15) 15 tons liq. asph., MC-4 or MC-5 (seal coat);
 - (16) 95 c.y. sand seal coat;
 - (17) 6 c.y. Class A portland cement concrete structures;
 - (18) 160 lbs. bar reinf. steel, struc.;
 - (19) 158 lf. 18-in. CMP;
 - (20) 170 lf. 24-in. CMP;
 - (21) 70 lf. 36-in. CMP;
 - (22) 73 lf. remove and relay pipe culverts;
 - (23) 74 lf. remove and salvage pipe culverts;
 - (24) 1 each, headwall remove and reset;
 - (25) 40 each, culvert markers;
 - (26) 15 each, new monuments;
 - (27) 7 each, moving and resetting monuments;
 - (28) 360 lf. remove exist. rock wall.
- Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

COCONINO CO., Ariz.—Until July 21, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Arizona, for 2,594 m. grading and placing heavy crushed rock or gravel base course on Section F of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino Co., Ariz.

- Work involves:
- (1) 17 acres clearing;
 - (2) 17 acres grubbing;
 - (3) 35,900 c.y. unclass. excav.;
 - (4) 900 c.y. unclass. excav. for structures;
 - (5) 11,700 c.y. unclass. excav. for borrow;
 - (6) 6,000 sta. yds. overhaul;
 - (7) 7,450 c.y. miles borrow haul;
 - (8) 800 lf. furrow ditches;
 - (9) 460 M. gals. watering;
 - (10) lump sum, water plant or plants for project;
 - (11) 11,500 c.y. 2-in. heavy crushed rock or gravel base course;
 - (12) 83 c.y. Class A concrete;
 - (13) 8,550 lbs. reinforcing steel;
 - (14) 20 c.y. cement rubble masonry;
 - (15) 792 lf. corr. galv. sheet metal pipe;
 - (16) 362 lf. remove, clean and stock-pile existing C.M. pipe;
 - (17) 1 each, drop inlets, 18-inch;
 - (18) 3 each, drop inlets, 24-inch;
 - (19) 4 each, reinforced concrete inlet covers;
 - (20) 1 each, cattle guards;
 - (21) 1,770 lf. barbed wire fence;
 - (22) 20 each, culvert markers;
 - (23) Force account, obliteration of old roads.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00. 29

LOW BIDDER

YAMMA COUNTY, Wash.—Warren-Northwest Inc., P. O. Box 5072,

Portland, at \$45,773 submitted low bid to the Yakima County Board of Commissioners, Yakima, for surface treatment with bituminous cement by penetration and road mix methods 30.65 miles of graveled roads in Yakima Co.

29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento July 13. Following is a list of blue prints and prices:

IV C.C-106-C bet. Muir and Willow Pass; PLANS (No. of sheets) 40 (Cost) \$6; CROSS-SECTIONS (No. of Sheets) 106; (Cost) \$10.60; (Total) \$16.60.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the order to this office.

29

BIDS WANTED

STOREY COUNTY, Nevada—Until July 14, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 4.96 miles of the State Highway from a point approximately 1/2 mile north of Virginia City to a point approximately 5 miles northwest of Virginia City, Section A, Route 17, Storey County, Nev.

Work involves:

- (1) 500 c.y. rdwy. excav.;
- (2) 4.96 miles reshape rdwy.;
- (3) 65 M. gals. water;
- (4) 14,461 tons select material base;
- (5) 29,765 ton mile haul of select material base;
- (6) 750 l.f. beam type metal guard rail;
- (7) 99 each guide posts;
- (8) 84 each culvert markers;
- (9) 490 tons liq. asph., type MC-2 (road-mix);
- (10) 4.96 miles roadmix;
- (11) 54 tons liq. asph. Type RC-2 (seal).

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada; and from the District Office of the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon deposit of \$10.00, of which \$5.00 will be refunded.

29

BIDS WANTED

CALAVARNS COUNTY, Calif.—Until July 12, 1:30 P.M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center Street, Stockton, for about 1.8 miles surfacing with untreated crushed gravel or stone and road-mix surfacing, between South Fork of Mokelumne River and Herbert's Ranch, Calaveras County, Calif.

Work involves:

- (1) 600 cu. yds. untreated crushed gravel or stone surfacing (base)
- (2) 1,550 cu. yds. mineral aggregate (road-mixed surfacing)
- (3) 6 tons liquid asphalt SC-2 (prime coat)
- (4) 89 tons liquid asphalt SC-4 (road-mixed surfacing)

Plans and specifications may be obtained from the above office.

29

LOS ANGELES CO.—GRADING & PAVING—(State)

LOS ANGELES CO., Calif.—Bebek & Brklich, 238 W. Florence Ave., Los Angeles, at \$94,651, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.9 ml. grading and paving with asphalt concrete, Portland cement concrete and plant-mixed surfacing, between Pasadena Ave. and Avenue 22, Los Angeles Co., Cal.

Work involves:

- (1) 49 sta. clear and grubb right of way;
- (2) 500 M. gals. water;
- (3) 2700 c.y. remove conc.;
- (4) 7000 c.y. roadway excav., without classification;
- (5) 11,000 c.y. struc. excav.;
- (6) 12,500 sq. yds. preparing sub-grade;
- (7) 49 sta. finish roadway;
- (8) 300 tons min. agg. plant-mix surf.;
- (9) 15 tons liq. asph., SC-4 plant-mix surf.;
- (10) 26,000 sq. yds. asph. paint binder;
- (11) 600 tons asph. conc.;
- (12) 2150 c.y. class B portland cement concrete pavement and base;
- (13) 8000 lbs. bar reinf. steel;
- (14) 2900 each pavement dowels;
- (15) 15,000 lbs. misc. iron and steel;
- (16) 145 c.y. class A portland cement concrete strucs.;
- (17) 71 c.y. class C portland cement concrete pipe reinf.;
- (18) 850 l.f. 12-in. stand. reinf. conc. pipe;

- (19) 410 l.f. 15-in. stand. reinf. conc. pipe;
- (20) 750 l.f. 18-in. stand. reinf. conc. pipe;
- (21) 350 l.f. 21-in. stand. reinf. conc. pipe;
- (22) 830 l.f. 30-in. special reinf. conc. pipe;
- (23) 380 l.f. 33-in. special reinf. conc. pipe;
- (24) 820 l.f. 36-in. special reinf. conc. pipe;
- (25) 70 l.f. 36-in. CMP;
- (26) 2200 l.f. 6-in. vit. clay pipe;
- (27) 1350 c.y. class A portland cement concrete curbs, gutters, sidewalks and driveways;
- (28) 8600 l.f. curb bar;
- (29) 900 l.f. curb armor;
- (30) 26 each, adjust manholes to grade;
- (31) 2360 l.f. 1 1/2-in. conduit;
- (32) 175 l.f. 2-in. conduit.

Total bids follow:
 (A) Bebek & Brklich, 238 W. Florence Ave., L. A.—\$94,651.
 (B) Radich & Brown, L. A.—\$96,479.30.
 (C) Warren Southwest, Inc., L. A.—\$95,697.
 (D) Geo. R. Curtis Paving Co., L. A.—\$99,627.75.
 (E) Vido Kovacevich, South Gate—\$101,476.75.
 (F) Griffith Co., L. A.—\$113,973.70.
 (G) Geo. J. Bock Co., L. A.—\$115,966.00.
 (H) J. E. Haddock, Ltd., Pasadena—\$141,808.25.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$20.00	\$10.00	\$ 5.00	\$10.50	\$15.00	\$20.00	\$15.00	\$10.00
(2)	.75	.65	.90	1.00	1.00	1.00	1.00	1.50
(3)	.75	1.50	1.10	1.90	2.50	3.00	1.50	4.25
(4)	.50	.40	.55	.59	.70	.60	.70	1.25
(5)	1.00	.60	.85	.40	1.00	1.20	.75	1.85
(6)	.10	.10	.10	.13	.12	.10	.10	.15
(7)	5.00	6.00	2.50	7.00	7.00	6.00	10.00	10.00
(8)	2.40	2.15	2.25	3.13	2.50	3.00	2.25	3.50
(9)	6.35	6.90	8.00	7.25	10.00	8.00	7.50	9.00
(10)	.012	.0125	.03	.02	.02	.02	.02	.02
(11)	2.50	2.90	3.10	3.00	2.70	3.30	3.10	3.85
(12)	7.75	6.60	7.10	7.00	6.80	7.60	8.00	8.50
(13)	.07	.07	.075	.075	.09	.087	.10	.10
(14)	.13	.125	.14	.13	.13	.11	.16	.135
(15)	.105	.10	.11	.10	.12	.11	.16	.12
(16)	19.00	26.25	19.00	14.00	30.00	30.00	30.00	40.00
(17)	6.50	8.00	9.50	10.50	14.00	11.00	9.00	20.00
(18)	1.50	1.60	1.85	2.00	1.70	1.80	2.50	1.80
(19)	1.75	2.00	2.30	3.00	2.05	2.30	3.60	2.30
(20)	2.00	2.35	2.65	3.50	2.30	2.50	4.25	2.65
(21)	3.00	2.60	3.00	4.00	2.60	2.70	5.00	2.90
(22)	4.50	4.05	4.75	5.50	4.10	4.50	7.00	4.70
(23)	4.75	4.65	5.40	6.00	4.70	5.20	8.50	5.35
(24)	5.00	5.35	6.00	7.00	5.40	6.30	10.00	6.10
(25)	1.50	1.10	.60	2.50	1.00	1.00	5.00	1.00
(26)	.60	1.00	.60	1.50	.50	.55	1.00	.55
(27)	11.50	13.40	11.00	10.25	9.80	11.60	11.60	14.00
(28)	.20	.20	.20	.24	.25	.26	.20	.25
(29)	1.20	1.10	1.30	1.30	1.25	1.30	1.25	1.25
(30)	10.00	15.00	9.00	5.00	10.00	9.00	10.00	25.00
(31)	.35	.33	.40	.35	.40	.42	.45	.40
(32)	.61	.43	.70	.70	.55	.50	.60	.65

BIDS WANTED

SAN FRANCISCO.—Until July 22, 11:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, for improving crossing of Quintara St. and Cragmont Ave., and others. Est. cost, \$27,000.

Work involves:

- (1) 346 l.f. armored concrete curb;
- (2) 9120 l.f. unarmored do;
- (3) 2150 sq. ft. 2-course conc. sidewalk;
- (4) 8050 sq. ft. asph.-conc. pavement consisting of a 6-in. Class F concrete base and 2-in. asphaltic concrete wearing surface;
- (5) 68,500 sq. ft. asphalt-macadam pavement, consisting of a 6-in.

waterbound macadam base and a 2-in. asphaltic concrete wearing surface;

- (6) 53,000 sq. ft. emulsified asphalt-macadam pavement consisting of a 6-in. waterbound macadam base and a 2-in. emulsified asphalt wearing surface;
- (7) 1720 l.f. 6-in. VCP side sewer;
- (8) 18 12x6-in. Y branches;
- (9) 17 brick catchbasins, complete;
- (10) 330 l.f. 10-in. VCP culvert;
- (11) 860 l.f. 1 1/2-in. black enameled conduit;
- (12) 50 l.f. standard wood fence.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00.

29

CONTRACT AWARDED

LOS ANGELES CO., Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$108,359.55, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 4.6 miles of grading and surfacing with plant-mixed surfacing between 190th St. and Lomita Blvd., Los Angeles County. * 29

BIDS WANTED

SAN FRANCISCO.—Until July 22, 11:30 a.m., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of Esmeralda Avenue between Winfield Street and Elsie Street, including crossing. Estimated cost, \$2,500.

Work involves:

- (1) 90 l.f. 8-in. VCP sewer;
- (2) 60 l.f. 6-in. VCP side sewers;
- (3) 363 l.f. armored concrete curb;
- (4) 6,090 sq. ft. 6-in. Class E concrete pavement;
- (5) 3 brick catchbasins, complete;
- (6) 82 l.f. 10-in. VCP culvert;
- (7) 480 sq. ft. two-course concrete sidewalk.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. * 29

LOW BIDDER

COLUMBIA BASIN PROJ., Wash.—Goodfellow Bros., Wenatchee, at \$15,642.50 submitted low bid to the U. S. Bureau of Reclamation, Conlee Dam, Wash., under Spec. No. 1082-D, for the construction of roads to the Rock Island Dam, Columbia Basin Proj., Wash. * 29

BIDS OPENED

MARION AND LINN COS., Ore.—A. Milne Constr. Co., Portland, Ore., at \$80,749, submitted low bid and was recommended for award by the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for approximately 16.885 miles constructing or improving the North Santiam Highway Surfacing Project 24-C3, D4 National Forest Project, located within the Willamette National Forest, Marion and Linn Counties, Ore.

Total bids follow:

A. Milne Constr. Co., Portland, Ore.—\$80,749.

Babler Bros., Portland—\$92,029.50.
E. C. Hall Co., Eugene—\$92,851.
McNutt Bros., Eugene—\$97,259.50.
Saxton, Looney and Riskey, Oak Grove—\$99,405.75.
Clifford A. Dunn, Klamath Falls—\$99,504.75.

Edwin C. Gerber, Oregon City—\$105,167.

Joplin & Eldon, Portland—\$108,919.50.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th Street, San Francisco. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

YAKIMA PROJECT, Wash.—Until August 5, 10:00 A.M. bids will be received by the U. S. Bureau of Reclamation, Yakima, Washington, under Spec. No. 793, for construction of the Roza diversion dam, bent flume, and railroad bridge, Yakima Ridge Canal, Roza division, Yakima Project, Washington:

Work involves:

- (1) 145,150 cu. yds. common excavation.
- (2) 7,200 cu. yds. rock excavation.
- (3) 8,000 cu. yds. backfill.
- (4) 17,450 cu. yds. compacting fills and backfill.
- (5) 21,200 cu. yds. riprap.

- (6) 570 cu. yds. placed riprap.
- (7) 1,400 sq. yds. dry-rock paving.
- (8) 1,570 cu. yds. road surfacing.
- (9) 27,094 cu. yds. concrete.
- (10) 450 cu. ft. pressure grouting.
- (11) Placing 1,580,000 lbs. reinforced bars.
- (12) Installing 1,500 lin. ft. rubber water stops.
- (13) Installing 2,300 sq. ft. elastic joint-filler material.
- (14) Installing 2 M. ft. b.m. of timber.
- (15) Installing 1,204,300 lbs. of gates, gate hoists and operating and control mechanisms.
- (16) Installing 576,700 lbs. metal-

- work.
- (17) Drilling 880 lin. ft. grout holes.
- (18) Constructing 2,050 lin. ft. 6-inch diameter sewer-pipe drains.
- (19) Laying 140 lin. ft. 18-inch and 24-inch corrugated metal pipe.
- (20) Installing 3,100 lin. ft. electrical metallic conduit.
- (21) Installing 4,500 lbs. electrical conductors and ground wires.
- (22) Installing 4,000 lbs. electrical apparatus.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others \$4.00 not returnable.

LOS ANGELES COUNTY—Grading & Paving—(State)

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$107,378, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.8 mile grading and paving with portland cement concrete, asphalt concrete and plant-mixed surfacing between Fair Oaks Ave. in South Pasadena and Glenarm St. in Pasadena, Los Angeles Co.

Work involves:

- (1) Clearing and grubbing construction area;
- (2) 1,500 M. gal. water;
- (3) 400 c.y. remove concrete;
- (4) 86,000 c.y. rdwy. excav., unclass.
- (5) 345,000 sta. yds. overhaul;
- (6) 15,600 c.y. struc. excav.;
- (7) 23,000 sq. yds. preparing sub-grade;
- (8) finishing rdwy.;
- (9) 24 tons liq. asph. SC-2 prime coat;
- (10) 14,100 tons min. agg. plant mix surf.;
- (11) 210 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
- (12) 3,000 tons asph. concrete leveling course;
- (13) 1,400 tons asph. conc. Type A surface;
- (14) 2,250 c.y. Class A portland cement conc. pave.;
- (15) 15,000 lbs. bar reinf. steel pave. and struc.;
- (16) 8,200 lbs. misc. iron and steel;
- (17) 4,200 each pavement dowels;
- (18) 115 c.y. Class A portland cement

- concrete struc.;
- (19) 8 l.f. 24-in. standard reinf. conc. pipe, centrifugal type;
- (20) 2,330 l.f. 36-inch do.;
- (21) 10 l.f. 12-in. CMP;
- (22) 10 l.f. 15-in. CMP;
- (23) 200 l.f. 18-in. CMP;
- (24) 20 l.f. 21-in. CMP;
- (25) 500 l.f. 24-in. CMP;
- (26) 300 l.f. 30-in. CMP;
- (27) 170 l.f. 36-in. CMP;
- (28) 1,020 c.y. Class A portland cement conc. curbs, gutters, sidewalks and depressions;
- (29) 210 l.f. curb armor;
- (30) 7,700 l.f. chain link fence;
- (31) 2 each drive gates;
- (32) 4 each walk gates;
- (33) 7 each new manholes;
- (34) 10 each adjusting exist. man-holes to grade;
- (35) 1,100 l.f. 1 1/2-in. galv. iron pipe;
- (36) 1,000 l.f. 2-in. galv. iron pipe;
- (37) 900 l.f. 2 1/2-in. elec. conduit.

Total bids follow:

(A) J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena—\$107,378.
(B) Basich Bros., Torrance—\$109,091.60.
(C) Geo. R. Curtis Paving Co., Los Angeles—\$115,738.70.
(D) Griffith Co., Los Angeles—\$126,592.50.
(E) Claude Fisher Co., Ltd., Los Angeles—\$128,768.

(F) C. O. Sparks & Mundo Engrg. Co., Los Angeles—\$127,648.50.
(G) W. E. Hall Co.—\$145,779.60.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$500.00	\$500.00	\$600.00	\$600.00	\$700.00	\$700.00	\$500.00
(2)	.90	.80	1.25	.45	1.00	1.00	1.25
(3)	1.55	1.50	1.80	4.00	2.20	2.00	2.50
(4)	.21	.17	.20	.22	.23	.21	.24
(5)	.005	.003	.01	.008	.005	.006	.005
(6)	.48	.70	.25	.72	.75	.75	.60
(7)	.08	.06	.10	.09	.10	.10	.09
(8)	250.00	500.00	500.00	300.00	500.00	250.00	500.00
(9)	10.00	7.00	10.75	9.70	11.00	12.00	12.00
(10)	2.00	2.01	2.50	2.70	2.38	2.16	2.52
(11)	8.50	9.21	9.80	8.80	9.00	9.50	9.00
(12)	2.47	2.86	2.60	3.00	2.60	2.60	3.06
(13)	2.50	2.86	2.70	3.20	2.70	2.75	3.36
(14)	6.40	7.70	6.98	7.35	8.00	7.50	8.10
(15)	.075	.085	.06	.067	.07	.06	.075
(16)	.135	.15	.14	.14	.14	.13	.16
(17)	.135	.14	.13	.11	.14	.13	.15
(18)	24.00	28.00	14.00	28.00	25.00	30.00	23.00
(19)	3.25	3.00	4.50	4.00	4.00	5.00	4.20
(20)	5.25	3.40	6.15	5.60	5.50	7.00	11.50
(21)	1.10	1.25	2.00	1.40	1.25	1.50	1.60
(22)	1.40	1.50	2.20	2.00	1.50	2.25	1.90
(23)	1.55	1.65	2.60	2.00	1.60	2.30	2.28
(24)	1.75	2.00	4.00	2.20	1.90	2.75	2.60
(25)	2.40	2.50	4.50	2.80	2.50	3.20	3.40
(26)	4.70	3.05	5.00	3.50	3.00	3.75	4.00
(27)	5.00	4.70	6.70	5.20	4.70	5.50	5.80
(28)	9.00	12.00	11.55	11.30	12.00	12.50	12.50
(29)	.85	1.00	1.00	1.00	.85	1.00	1.00
(30)	.75	.75	.77	.90	.73	.85	.80
(31)	70.00	55.00	52.00	50.00	70.00	40.00	60.00
(32)	30.00	25.00	25.00	30.00	30.00	20.00	30.00
(33)	120.00	85.00	70.00	140.00	125.00	100.00	240.00
(34)	15.00	20.00	10.00	12.00	20.00	10.00	5.00
(35)	.30	.22	.44	.44	.90	.45	.95
(36)	.35	.27	.46	.46	1.00	.90	1.05
(37)	.40	.40	.40	.43	.54	.45	.70

HUMBOLDT CO.—GRADING & SURFACING—(STATE)

HUMBOLDT COUNTY, Cal.—Harold Smith, 1427 Kearny Street, St. Helena, at \$56,823.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about one-quarter mile to be graded, surfaced with plant-mix surfacing and sacked concrete and placing riprap, at Greenlow Bluffs, Humboldt County.

Work involves:

- (1) Clearing and grubbing;
(2) 365 M. gals. water;
(3) 5,000 c.y. rdwy. excav., unclass.;
(4) 7,500 c.y. trench excav.;
(5) 13 sta. finish rdwy.;
(6) 18,000 c.y. imported borrow;
(7) 300 c.y. screened gravel surf.;
(8) 550 tons min. agg. plant mix surfacing;
(9) 9 tons liquid asph., SC-1A prime coat;
(10) 27 tons liquid asph., SC-4 plant

Table with 4 columns (A, B, C, D) and 14 rows of bid amounts.

- mix surf.;
(11) 6 tons liq. asph. 90-95 seal coat;
(12) 40 tons screen seal coat;
(13) 3,000 c.y. sacked conc. riprap;
(14) 1,300 lf. timber guard rail.

Total bids follow:

- (A) Harold Smith, 1427 Kearny St., St. Helena, \$56,823.50.
(B) Claude C. Wood, Lodi, \$37,310.50.
(C) N. M. Ball Sons and E. E. Smith, Berkeley, \$58,727.00.
(D) Lee J. Immel, Berkeley, \$58,743.00.
(E) Mercer-Fraser Co., Eureka, \$59,901.00.
(F) Hemstreet & Bell, Marysville, \$61,012.50.
(G) Fred J. Maurer & Son, Eureka, \$62,472.50.
(H) Ransome Co., Emeryville, \$63,392.00.
(I) Guerin Bros., San Francisco, \$77,391.00.

Unit prices follow:

Table with 6 columns (E, F, G, H, I) and 14 rows of unit prices.

CONTRACT AWARDED

PLACER COUNTY, Calif.—Lawrence Smith, Marysville, at \$11,832 awarded contract by the U. S. Engineer Office, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-38-253, for clearing the North Fork Reservoir Site, approximately 335 acres, and extending about 5 1/2 miles along the river, located on the North Fork of American river, Placer County.

CONTRACT AWARDED

CENTRAL VALLEY PROJECT—Pacific Construction Inc., 609 South Grand Avenue, Los Angeles, at \$35,939,450.00 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 780, for the construction of Shasta Dam and Power Plant, Central Valley Project.

31—PIPE LINES & WELLS

BIDS WANTED

SAN FRANCISCO.—Until July 14, 3 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Spec. No. 181, for the laying of 6-in. cast iron main in Wabash Terrace.

Work involves:

- (1) 900 lf. excav. and backfill for 6-in. pipe, trench 17-in. wide by 36-in. deep;
(2) 5 c.y. additional excavation and backfill;
(3) No item 3;
(4) Installing pipe:
(a) 900 lf. 6-in. bolted joint cast iron pipe;
(5) 900 lbs. installing fittings, gate valves, etc.;
(6) 27 lf. bell and spigot joints for pipe and fittings;
(a) 150 bolted joints for 6-inch cast iron pipe;
(7) Repavement:
(a) 150 sq. ft. street pavement;
(8) 55 3/4-in. screw taps installed;
(9) 980 lf. 3/4-in. copper service pipe installed;

- (10) Furnishing cast iron bolted pipe Class 150: 900 lf. 6-in. pipe at \$0.74 per lf.;
(11) Furnishing bell end gate valves:
(b) one 6-in. valve at \$17;
(12) Furnishing bell and spigot cast iron fittings: 580 lbs. at \$0.06 per lb.;
(13) Furnishing steel bands and bolts 50 lbs. at \$0.05 per lb.;
(14) Furnishing 3/4-in. copper service pipe: 980 lf. at \$0.17 per lf.;
(15) Lump sum, furnishing 3/4-inch fittings for services at \$80;
(16) Lump sum, engineering, supervision and inspection at \$63;
(17) Lump sum, connections at \$52.

Plans and specifications may be obtained from the Cashier's office, 6th floor, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of \$5.00.

BIDS WANTED

SAN FRANCISCO.—Until July 14, 3:00 P.M. bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Spec. No. WD 172, for laying of 6-inch cast iron mains in 19th Ave., Lincoln Way to Lawton St., San Francisco.

Work involves:

- (1) 4,870 lin. ft. excavation and backfill for 6-inch pipe, trench 17-in. wide by 36-in. deep.
(2) 80 cu. yds. additional excavation and backfill.
(3) No item 3.

KERN COUNTY—GRADING—(STATE)

KERN COUNTY, Calif.—J. E. Anderson and Geo. France, Visalia, at \$11,107.24 submitted low bid to State Division of Highways, E. T. Scott, District Engineer, District VI, State Highway Bldg., Fresno, for about 1 mile to be graded and oiled and two bridges to be constructed one mile south of Rosedale and 2 miles south of Rosedale, Kern County.

Work involves:

- (1) clearing and grubbing;
(2) 5,100 c.y. rdwy. excav., unclass.;
(3) 36 c.y. struc. excav.;
(4) 1,100 c.y. imported borrow;
(5) 1,800 sq. yds. overhaul;
(6) 53 stas. finishing rdwy.;
(7) 35 tons liquid asphalt, SC-2;
(8) 13,240 lbs. bar reinf. steel;
(9) 77 c.y. Class A Portland cement concrete;
(10) 26 MFBM treated Douglas fir timber;
(11) 5 MFBM treated Douglas fir (sheet piling);
(12) 350 lf. timber wheel guard and

- rail;
(13) 1,264 lf. treated Douglas fir piling, furnish;
(14) 54 each driving Douglas fir piling (inc. test piles);
(15) 0.65 mile remove and reset property fence;
(16) 4 clearance markers;
(17) 1 remove timber bridge.

Total bids follow:

- (A) J. E. Anderson & Geo. France, Visalia, \$11,107.24.
(B) John Jurkovich, Fresno, \$11,989.20.
(C) Rexroth & Rexroth, Bakersfield, \$11,997.50.
(D) E. C. Perham, Los Angeles, \$12,033.22.
(E) Franzini & Fredenburg, San Rafael, \$12,407.20.
(F) Griffith Co., Los Angeles, \$12,192.30.
(G) F. A. Greenough, Bakersfield (bid irregular) \$15,150.94.

Unit prices follow:

Table with 6 columns (D, E, F, G) and 14 rows of unit prices.

Table with 4 columns (A, B, C) and 14 rows of bid amounts.

KERN COUNTY—BRIDGE CONSTR.—(STATE)

KERN COUNTY, Calif.—Franzini and Fredenburg, 10 Clark St., San Rafael, at \$6,486.50 submitted low bid to the State Division of Highways, E. T. Scott, District Engineer, District VI, State Highway Bldg., Fresno, for construction of a reinforced

concrete slab bridge across Calloway Canal, about 3 miles west of Bakersfield, Kern Co., Calif.

Work involves:

- (1) Remove existing bridge.
(2) 1 lot detour grading.
(3) 200 cu. yds. struc. excav.

- (4) Installing 4,870 lin. ft. 6-inch bolted joint cast iron pipe.
- (5) 6,500 lbs. installing of fittings, gate valves, etc.
- (6) 110 lin. ft. bell and spigot joints for pipe and fittings.
 - (a) 515 joints for 6-inch cast iron pipe.
- (7) 1,000 sq. ft. repavement.
- (8) No item 8.
- (9) No item 9.
- (10) Furnishing cast iron bolted joint pipe—Class 150; 4870 lin. ft. 6-inch pipe at \$0.74 per lin. ft.
- (11) Furnishing bell and gate valves:
 - (a) 2 four-inch valves at \$12.00 each.
 - (b) 11 six-inch valves at \$16.80 each.
- (12) Furnishing bell and spigot cast iron fittings: 2250 lbs. at \$0.06 per lb.
- (13) Furnishing steel band and bolts: 1200 lbs. at \$0.05 per lb.
- (14) No item 14.
- (15) No item 15.
- (16) Lump sum—Engineering, Supervision and inspection, at \$543.00.
- (17) Lump sum -- connections at \$533.70.

Plans and specifications may be obtained from the cashier's office, 6th Floor, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon the deposit of \$5.00.

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Building, San Francisco, at \$3,975.44, awarded contract by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 180, for laying of 6- and 8-inch cast iron mains in Merced Manor Sub-division in Alemany Blvd. and in 25th Ave., San Francisco.

BIDS OPENED

LOS ANGELES, Calif.—E. N. Dunbar, 155 Tobias Street, Pico, at \$18,724, submitted low bid to the State Highway Department, 608 State Building, Los Angeles, for alterations to irrigation pipe line systems on 12 properties located on either side of Rosemead Blvd., beginning at a point approximately 1500 feet south of Whittier Blvd., and extending a distance of approximately 9000 feet, Rivera, Los Angeles County.

Total bids follow:

E. N. Dunbar, 155 Tobias St., Pico	\$18,724.00
Wells and Bressler, Santa Ana	\$19,044.00
La Habra Concrete Works.	\$19,494.00
Harrie D. Hansen, Downey	\$19,564.00
Fowler & Myers, San Fernando	\$20,760.00
E. H. Walters, Covina	\$19,712.00

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

REDDING, Shasta Co., Cal.—Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at \$197,070 awarded the contract by the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for the construction of the second unit of the municipal water system at Redding.

34—PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

MARTINEZ, Contra Costa Co., Calif.—Leslie S. Tremanhauser, Martinez, at \$850 awarded contract by

- (4) 4.5 tons liquid asphalt SC-4 (detour)
 - (5) 550 sq. yds. prepare, mix, shape roadbed (detour)
 - (6) 35,000 lbs. bar reinforcing steel.
 - (7) 152 cu. yds. class "A" Portland cement concrete.
 - (8) 262 lin. ft. timber railing.
 - (9) 30 cu. yds. riprap (sacked concrete)
 - (10) 1 lot misc. items of work.
- Total bids follow:
- 100 Clark St., San Rafael
- (A) Franzini and Fredenburg, 100

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$100.00	\$200.00	\$350.00	\$105.00	\$100.00	\$575.00	\$1000.00
(2)	150.00	250.00	200.00	450.00	450.00	475.00	600.00
(3)	1.15	1.30	1.50	1.25	1.25	2.00	2.00
(4)	9.00	12.30	15.00	16.00	15.00	27.00	20.00
(5)	.10	.12	.15	.11	.10	.27	.40
(6)	.0525	.05	.05	.0475	.055	.057	.06
(7)	20.00	20.00	19.00	23.00	20.00	18.00	26.00
(8)	1.75	2.00	1.50	1.90	3.00	2.75	2.00
(9)	10.00	12.00	16.50	15.00	10.00	18.00	15.00
(10)	275.00	250.00	250.00	250.00	500.00	700.00	800.00

- Clark St., San Rafael, \$6,486.50.
 - (B) Griffith Co., Los Angeles, \$6,755.35.
 - (C) Macco Const. Co., Clearwater, \$6,776.00.
 - (D) F. A. Greenough, Bakersfield, \$7,293.50.
 - (E) Rexroth and Rexroth, Bakersfield, \$7,473.50.
 - (F) Palo Alto Road Materials Co., Palo Alto, \$8,411.50.
 - (G) J. S. Metzger and Son, Los Angeles, \$10,336.00.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$100.00	\$200.00	\$350.00	\$105.00	\$100.00	\$575.00	\$1000.00
(2)	150.00	250.00	200.00	450.00	450.00	475.00	600.00
(3)	1.15	1.30	1.50	1.25	1.25	2.00	2.00
(4)	9.00	12.30	15.00	16.00	15.00	27.00	20.00
(5)	.10	.12	.15	.11	.10	.27	.40
(6)	.0525	.05	.05	.0475	.055	.057	.06
(7)	20.00	20.00	19.00	23.00	20.00	18.00	26.00
(8)	1.75	2.00	1.50	1.90	3.00	2.75	2.00
(9)	10.00	12.00	16.50	15.00	10.00	18.00	15.00
(10)	275.00	250.00	250.00	250.00	500.00	700.00	800.00

YOLO COUNTY—BRIDGE CONSTR.—(STATE)

YOLO COUNTY, Calif.—Hemstreet and Bell, 501 11th St., Marysville, at \$68,225.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge across Cache Creek about 3 1/2 miles northwest of Rumsey and approximately 0.5 mi. of approach to be graded and road-mix surfacing treatment applied, Yolo Co., Cal.

- Work involves:
- (1) 26 sta. clear and grub;
 - (2) 215 M. gals. water;
 - (3) 15,400 c.y. roadway excavation, without classification;
 - (4) 1,500 c.y. heavy riprap;
 - (5) 1,800 c.y. struc. excav.;
 - (6) 4,200 c.y. import borrow;
 - (7) 31,200 sta. yds. overhaul;
 - (8) 26 sta. finish roadway;
 - (9) 7,250 sq. yds. preparing, mixing and shaping roadbed;
 - (10) 45 tons liq. asph., ROMC-3, 4 or 5 road mix surf. treatment;
 - (11) 8.8 tons liq. asph. SC-2, prime coat and penetration oil treatment;
 - (12) 260,000 lbs. bar reinf. steel;

- (13) 280 c.y. class A portland cement concrete footing blocks;
- (14) 1,015 c.y. class A portland cement concrete structures;
- (15) 33 c.y. class A portland cement concrete railing;
- (16) 90 c.y. class A portland cement concrete slope pava.;
- (17) 2,700 lbs. misc. steel;
- (18) 154 lf. 24-in. CMP;
- (19) 78 lf. remove and relay culvert pipe;
- (20) 300 lf. laminated guard railing;
- (21) 16 each, culvert markers;
- (22) 12 each, guide posts;
- (23) 12 each, monuments;
- (24) 1 lot, misc. items of work.

Total bids follow:

- (A) Hemstreet & Bell, 501 11th St., Marysville, \$68,225.25.
 - (B) Campbell Construction Co., Sacramento, \$73,322.00.
 - (C) C. W. Caletti & Co., San Rafael, \$74,130.75.
 - (D) Robt. McCarthy, San Francisco, \$84,822.30.
 - (E) Holdener Construction Co., Sacramento, \$95,429.50.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 40.00	\$ 12.00	\$ 15.00	\$ 8.00	15.00
(2)	1.50	1.50	1.25	1.50	2.00
(3)	.60	.50	.70	.82	.85
(4)	3.00	5.00	2.00	3.00	3.50
(5)	3.00	2.75	5.00	4.00	8.50
(6)	.70	.60	.60	.60	.65
(7)	.01	.015	.01	.01	.015
(8)	5.00	12.00	10.00	10.00	7.50
(9)	.07	.10	.10	.10	.10
(10)	20.00	16.00	20.00	22.00	27.50
(11)	20.00	20.00	20.00	15.50	25.00
(12)	.045	.044	.048	.06	.055
(13)	17.00	18.40	18.00	15.00	22.00
(14)	20.75	25.00	22.00	28.00	27.00
(15)	50.00	57.00	55.00	60.00	66.00
(16)	15.00	17.00	18.00	15.00	20.00
(17)	.20	.14	.15	.15	.20
(18)	3.00	2.50	3.00	3.50	3.50
(19)	1.00	.75	1.00	1.00	2.00
(20)	1.20	1.35	1.25	1.50	2.25
(21)	2.50	2.80	2.00	2.00	3.50
(22)	2.50	3.00	2.00	2.00	5.00
(23)	3.00	3.00	4.00	3.00	10.00
(24)	600.00	775.00	1000.00	1575.00	1300.00

SAN MATEO COUNTY—BRIDGE CONSTR.—(STATE)

SAN MATEO CO., Calif.—Franzini and Fredenburg, 100 Clark Street, San Rafael, at \$19,646.35 submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge across Colma Creek in the City of South San Francisco, consisting of one 24-foot span and two 19-foot 6-inch spans and about

six hundredths (.06) mi. roadway to be graded, surfaced with plant-mix- ed surfacing and penetration oil treatment applied to shoulders, San Mateo Co., Cal.

- Work involves:
- (1) 160 c.y. roadway excav.;
 - (2) 70 c.y. struc. excav.;
 - (3) 100 c.y. import borrow;
 - (4) 160 c.y. existing asphalt conc. pavement to be removed and

the Procurement Division, Public Bldg. Branch, Wash., D. C., for landscape work at the U. S. P. O., at Martinez.

34

CONTRACT AWARDED

SOUTH SAN FRANCISCO—Standard Fence Company, 440 Bayshore Blvd., San Francisco, at \$751.84 (Item 2) submitted low bid and was awarded contract by the South San Francisco City Council for the construction of a tennis court fence in the Orange Avenue Park, South San Francisco. Bids taken on: (1) 10 ft. fence; (2) 12-ft. fence.

Bids were:
Standard Fence Co., 440 Bayshore Blvd., S. F., (1) \$630.67; (2) \$751.84.
California Wire Cloth Co., (1) \$635; (2) \$775.
Anchor Post Fence Co., (1) \$684.54; (2) \$840.
Wickwire Spencer Steel Co., (1) \$686.15; (2) \$868.57.

34

35— TUNNELS

July 7, 1938

CONTRACT AWARDED

RIVERSIDE CO. CAL.—V. R. Dennis Const. Co., P. O. Box F, Station A, San Diego, at \$4,295.25, awarded contract by the State Highway Department, Sacramento, for constructing a reinforced concrete pedestrian underpass in Riverside County, City of Indio, on 46th Ave. at Smurr St. (X1-Riv-64-Ind.)

35

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

RE-ROOF, \$290; 2300 Eunice, Berkeley; owner, Blake, premises; contractor, National Roofing Co., 2172 Market St., S. F.

ALTERATIONS, \$95; 2449 Russell, Berkeley; owner,; contractor, E. O. Corsan, 2118 4th St.

RE-ROOF, \$136; 1534 Prince, Berkeley; owner, Thos. Davis, 1534 Prince; contractor, Vulcan Roofing Co., 5221 Wentworth Ave., Oakland.

ALTERATIONS, \$650; 2819 Benvenue Berkeley; owner, F. D. Jones, 2614 Haste; contractor, Wm. J. Murphy, 1029 Pomona.

ALTERATIONS, \$100; 1410 Holly St., Berkeley; owner, W. S. Hanford, premises; contractor, S. Roycroft 5763 Ayala Ave., Oakland.

ALTERATIONS, \$200; 2523 Chilton, Berkeley; owner, Mr. Morton, 2528 Chilton; contractor, H. C. Orth, 1821 Addison.

ADDITIONS, \$200; 2131 Roosevelt, Berkeley; owner and builder, C. A. Green, premises.

ADDITION, \$400; 1920 104th Avenue, Oakland; owner and contractor, Merle C. Jensen, premises.

ROOF repairs, \$45; 5374 Bryant St., Oakland; owner, Thompson Est.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

ADDITION, \$200; 5844 Foothill Blvd. Oakland; owner, M. Adams, 5844 Foothill Blvd.; contractor, Wood & Meyer, 3015 56th St.

ALTERATIONS, \$100; 396 61st St., Oakland; owner and contractor, M. Hemphill, premises.

RE-ROOF, \$96; 286 41st St., Oakland; owner, Irving Allkus, 4220 Terrace St.; contractor, W. H. Sankey, 586 62nd St.

ALTER and repair, (2) \$750 each; 15-17 Westall Avenue, Oakland; owner, Helen L. Wilder, Vallejo; contractor, Jensen & Pedersen, 3443 Adeline St.; also 1-story garage, \$500.

- (5) 1,430 sq. yds. asphaltic paint binder;
- (6) 205 tons min. aggregate plant-mix surf.;
- (7) 1.5 tons liq. asph., MC-2 (prime coat);
- (8) 10.5 tons liq. asph., MC-5 (plant-mix surf.);
- (9) 225 tons crusher run base shoulders;
- (10) 2.25 tons liq. asph., SC-1A penetration oil treat. shoulders;
- (11) 1.5 tons liq. asph., SC-2 penetr. oil treat. shoulders;
- (12) 20 tons screen penetration oil treat. shoulders (seal coat);
- (13) 32 sta. finish roadway;
- (14) 1 ton liq. asph., 90-95 (seal coat)
- (15) 63,000 lbs. bar relinf. steel;
- (16) 300 c.y. class A portland cement conc. struc.;
- (17) 8.0 c.y. class A portland cement conc. rail;

- (18) 1,810 l.f. furnish precast concrete piles;
 - (19) 40 each, drive precast concrete piles;
 - (20) 800 l.f. temporary railings;
 - (21) 1 lot remove and dispose of existing bridge;
 - (22) 1 lot misc. items of work.
- Total bids follow:
(A) Franzini & Fredenburg, 100 Clark St., San Rafael, \$19,648.35.
(B) Eaton & Smith, San Francisco, \$20,262.45.
(C) Palo Alto Roads Materials Co., Palo Alto, \$20,343.95.
(D) M. B. McGowan, Inc., S. F., \$24,263.00.
(E) Albert E. Mangs & Associates, San Francisco, \$25,069.85.
(F) Healy-Tibbitts Const. Co., San Francisco, \$26,861.40.
(G) John Rocca, San Rafael, \$27,989.25.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.60	\$.95	\$ 1.35	\$.20	\$.70	\$ 1.00	\$.90
(2)	1.25	2.50	2.00	2.70	3.0	2.50	3.00
(3)	1.00	1.25	2.00	1.30	.70	1.70	1.00
(4)	2.00	2.50	3.50	2.64	1.25	3.00	4.00
(5)	.02	.04	.04	.03	.10	.03	.03
(6)	4.20	3.00	4.00	4.50	3.00	5.00	6.00
(7)	15.00	15.00	40.00	35.00	20.00	20.00	30.00
(8)	14.00	15.00	27.00	20.00	20.00	20.00	20.00
(9)	1.75	3.00	2.35	3.00	2.70	4.00	4.00
(10)	16.00	15.00	20.00	28.00	15.00	16.00	25.00
(11)	16.00	15.00	20.00	35.00	18.00	16.00	30.00
(12)	2.25	3.75	4.70	5.00	3.40	3.00	5.00
(13)	10.00	12.50	20.00	10.00	12.00	5.00	20.00
(14)	18.00	15.00	30.00	40.00	20.00	25.00	50.00
(15)	.05	.05	.053	.053	.048	.07	.055
(16)	20.00	24.00	18.00	23.00	25.00	25.00	25.00
(17)	45.00	62.00	66.00	70.00	156.00	100.00	70.00
(18)	2.50	2.50	1.85	2.00	4.56	2.75	2.50
(19)	45.00	62.00	78.00	78.00	36.84	80.00	100.00
(20)	1.50	.62	1.10	2.50	1.15	2.59	2.00
(21)	100.00	125.00	200.00	125.00	72.00	150.00	600.00
(22)	300.00	425.00	400.00	1250.20	300.00	800.00	1500.00

HAYWARD—SANITARY SEWERS—(CITY)

HAYWARD, Alameda Co., Calif.—John Pestana, 4039 Fruitvale Avenue Oakland, at \$11,068 submitted low bid and was awarded contract by the Hayward City Council, City Clerk, City Hall, Hayward, for the construction of sanitary sewers and appurtenances in the City of Hayward.

Work involves:

- (1) 3,600 l.f. 8-in. vitrified clay pipe sewer, in place;
- (2) 1,400 l.f. 10-in. do;
- (3) 1,700 l.f. 12-in. do;
- (4) 380 l.f. 12-inch cast iron pipe sewer, in place;
- (5) 80 l.f. 8-in. do;
- (6) Two 12x4-in. Y branches;
- (7) Fifty 10x4-in. Y branches;
- (8) Eighty 8x4-in. Y branches;
- (9) One 8x8-in. Y branch;

- (10) 32 standard brick manholes.

Total bids follow:
(A) John Pestana, 4039 Fruitvale Ave., Oakland, \$11,068.00.
(B) M. J. McGuire and M. Hester, Oakland, \$12,897.75.
(C) John F. White, Oakland, \$13,180.00.
(D) J. A. Casson, Hayward, \$14,564.50
(E) Manuel Smith, Oakland, \$14,675.
(F) Earl W. Heple, San Jose, \$15,238.40.
(G) Alfred Downer, Oakland, \$15,519.50.
(H) Martin Murphy, Albany, \$16,516.
(I) Harvey E. Conner, Redwood City, \$17,423.00.
(J) Underground Const. Co., Berkeley, \$17,896.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$.91	\$1.05	\$1.13	\$1.18	\$1.50	\$1.73	\$1.52	\$1.20	\$1.00	\$1.50
(2)	1.00	1.60	1.27	1.50	1.70	1.91	1.75	1.40	1.15	1.65
(3)	1.12	1.75	1.41	1.65	1.75	1.68	1.94	2.00	1.30	2.00
(4)	5.00	2.00	4.15	4.55	4.00	4.16	4.00	6.00	12.50	6.00
(5)	4.00	2.50	3.50	4.00	4.00	6.84	2.15	4.00	10.00	5.00
(6)	3.00	6.00	4.00	5.00	6.25	4.28	2.00	10.00	5.00	2.00
(7)	2.00	3.00	3.00	4.50	3.38	3.48	2.00	8.90	3.00	2.00
(8)	1.00	.75	2.50	3.50	1.70	2.52	.90	7.00	3.00	2.00
(9)	2.00	.75	2.50	3.50	2.50	3.24	1.50	10.00	3.00	2.00
(10)	65.00	85.00	85.00	92.00	55.00	75.00	75.00	100.00	10.00	120.00

STARK - RATH

Printing & Publishing Company
465 Tenth Street - San Francisco, Calif.
Telephone Market 7110

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

PANAMA CANAL.—Until July 14, 10:30 a. m., bids will be received by the General Purchasing Agent, H. A. Smith, Washington, D. C., under Schedule No. 3366, for furnishing supplies and materials, including:

Lumber (Southern Yellow Pine, Douglas Fir, White Ash, White Oak, Cypress, Northern White Pine, Sugar Pine, Poplar, California Redwood and Spruce), and Southern Yellow Pine and Douglas Fir timbers, moulding and screening strips; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office, or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco, Cal.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until July 13, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 203, Post Office Building, Sacramento, under Bid No. 1105-39-1, for furnishing No. 12 gauge corrugated iron culvert pipe and wide band couplers; fob Meridian, Calif.

SAN FRANCISCO, Calif.—Bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and equipment, as follows:

July 14, 3:00 P. M.

BID No. 868-39-5.—One wet angle grinder complete with water hose and necessary connections; fob Battery Davis, Fort Funston, S.F.

July 15, 3:00 P. M.

BID No. 868-39-3.—Pipe and cable support racks, hooks, insulators, bolts and cinch anchors; fob Battery Davis, Fort Funston, S.F.

BID No. 868-39-4.—One new kitchen mixer and one second hand kitchen mixer; fob San Francisco waterfront.

U. S. FOREST SERVICE

SAN FRANCISCO, Calif.—Until July 14, 2:00 P. M. bids will be received by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1283, for furnishing one gasoline engine powered double drum hoists, mounted on skids, complete; fob bidder's shipping point and/or Glendale, Calif.

SANTA BARBARA, Calif.—Until August 1, 2:00 P. M. bids will be received by the U. S. Forest Service, Los Padres National Forest, Federal Bldg., Santa Barbara, under Bid No. 1, for furnishing parts for Kellogg telephones including cords, handsets, hooks; fob Santa Barbara, Calif.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$100; 2733 Ninth Ave., Oakland; owner, A. E. Miller, premises.

BILLBOARD, \$50; 6575 Shattuck Avenue, Oakland; owner and contractor, Special Site Sign Co., 3225 Louise St.

SIGN, metal, \$17; 3417 Telegraph Avenue, Oakland; owner, Grandma's Kitchen, premises; contractor, J. F. Barnes, 5236 Claremont Ave.

GARAGE, \$150; 1730 Grove, Berkeley; owner and contractor, J. B. Hartshorn, Prem.

REPAIRS, \$100; 3457 Harlan Street, Oakland; owner and contractor, A. Costa, 1317 16th St.

ADDITION, \$200; 1916 Park Blvd., Oakland; owner, H. E. Powell, Prem.; contractor, Gordon Wider, 1252 Spruce St., Berkeley.

REPAIRS (termite), \$100; 62 Fairmount Ave., Oakland; owner, A. R. Goodman, 3437 Haley St.; contractor, C. V. Rogers, 1809 Bancroft Ave., Berkeley; also struct. pest permit, \$25.

REPAIRS, \$360; 3036 14th Ave., Oakland; owner, C. Sweeney, Prem.; contractor, Samuel Pedgrift, 845 Aggar St.

REEROOF, \$100; 726 Strafford Road, Oakland; owner, E. Johnson, Prem.; contractor, Steiner Bros. Roof Co., 1101 Foothill Blvd., San Leandro.

REPAIRS, \$25; 1223 5th Ave., Oakland; owner and contractor, L. F. Ewing, 528 E. 11th St.

REEROOF, \$60; 5061 Calaveras Ave., Oakland; owner, Ingalv O. Nielsen, Prem.; contractor, General Roof Co., 3985 Beach St.

REEROOF, \$150; 1309 80th Ave., Oakland; owner, H. C. Munsterman, Prem.; contractor, General Roof Co., 3985 Beach St.

REEROOF, \$140; 2739 School St., Oakland; owner, Chas. W. Margridge, Prem.; contractor, General Roof Co., 3985 Beach St.

ALTERATIONS, \$200; 1547 7th St., Oakland; owner and contractor, Henry Figueira, Prem.

REEROOF, \$150; 900 9th Ave., Oakland; owner and contractor, Wm. Todd, Prem.

ALTERATIONS, \$700; 1163 83rd Ave., Oakland; owner and contractor, Sam S. Skalet, Prem.

WALL, retaining, \$250; Skyline Blvd. and Broadway Terrace, Oakland; owner and contractor, William H. Stanton, 627 51st St.

SIGN, metal, \$15; 186 12th St., Oakland; owner, I. C. Uruh, Prem.; contractor, J. E. Rice, Jr., 8th and Franklin Sts.

SIGN, cloth, \$30; 418 15th St., Oakland; owner, Mark L. Emerson, Prem.; contractor, Pete Della Vedova, 1612 San Pablo Ave.

SIGN, metal, \$10; 4152 Broadway, Oakland; owner, Mr. Lavin, Prem.; contractor, A. H. Davis, 4141 Broadway.

SIGN, cloth, \$5; 1451 14th St., Oakland; owner and contractor, A. H. Enos, Prem.

SIGN, cloth, \$20; 392 17th St., Oakland; owner, Thos. Carter, 333 9th St.; contractor, J. T. Barnes, 5236 Claremont.

ADDITIONS, \$95; 2148 Ward Ave., Berkeley; owner, F. W. Morrison, Prem.; contractor, C. E. Seeley, 2041 Lincoln.

ALTERATIONS, \$950; 2721 Channing Way, Berkeley; owner, Alpha Epsilon Phi Sorority, Prem.; contractor, Fox Bros.

ALTERATIONS, \$135; 2457 Marin, Berkeley; owner, W. H. Robinson, Prem.; contractor, Juday's Pest Service, 1241 Rose.

REEROOF, \$215; 2024 University Ave., Berkeley; owner, Williamson Prop., 1632 University Ave.; contractor, Western Roofing Co., 1259 22nd St., Oakland.

REEROOF, \$180; 671 The Alameda, Berkeley; owner, Mrs. Carebolt, 107 Panoramic Way; contractor, G. L. Tyler, Bldrs., Exchange, Oakland.

RESHINGLING house, \$107; 1543 19th Ave., Oakland; owner and contractor, H. G. Damerl, 1543 19th Ave.

ALTERATIONS, \$400; 2110 23rd Ave., Oakland; owner and contractor, Joe H. Pinzini, Prem.

ADDITION, \$200; 597 29th St., Oakland; owner and contractor, Mrs. F. Warren, Prem.

GARAGE, 1-story frame, \$500; 16 Humphrey Dr., Oakland; owner, L. P. Gerhardt, 629 Santa Ray; contractor, P. L. Coats, 2837 Foothill Blvd.

REPAIRS, fire, \$75; 1114 8th Street, Oakland; owner, M. Parks, 1114 8th St.; contractor, Mark Bristol, 1035 McKinley Ave.

ADDITION, \$400; 3706 Hillview St., Oakland; owner and contractor, Clifford Chalberg, Prem.

ALTERATIONS, \$150; 466 26th St., Oakland; owner, A. W. Lundberg, Prem.

ADDITION, \$180; 3631 Suter St., Oakland; owner and contractor, Wm. D. Vezey, Prem.

ALTERATIONS, \$400; 5415 Cole St., Oakland; owner, R. A. Fenelon, 5470 Bond St.; contractor, A. E. Waldman, 5409 Foothill Blvd.; also alter garage, \$100.

SIGN, wood, \$5; 2801 Telegraph Ave., Oakland; owner and contractor, Lee Hay, Prem.

SIGN, metal, \$30; 6101 E. 14th St., Oakland; owner, Golden State Creamery, Premises; contractor, Bob's Sign Service, 597 19th St.

SIGN, metal, \$100; 3100 Telegraph Ave., Oakland; owner, Gordon Wilkins, Inc., Prem.; contractor, Mulvany Sign Co., 575 8th St.; also metal sign, \$7.00.

SIGN, cloth, \$4; 425 12th St., Oakland; owner, Borland Est., Prem.; contractor, B. Bercovich, SE Cor. 12th and Broadway.

SIGN, cloth, \$4.00; 1124 Broadway, Oakland; owner, Borland Estate, Prem.; contractor, B. Bercovich, SE Cor. 12th and Broadway.



Are you like one of them proud businessmen?
BUILDERADS
"The Modern Way to Buy and Sell Equipment"

Daily Pacific Builder

Section 562 P. D. & R.
U. S. POSTAGE
PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



American Bridge, Dunn Low
on Redding Bridge



Kelly Awards Twelve State Contracts



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH L. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JULY 16, 1938

No. 29

American Bridge Co., Dunn Low Bidders On First Shasta Railway Relocation Job

SACRAMENTO, July 11.—Low bids aggregating approximately \$742,000 were submitted to the U. S. Bureau of Reclamation today for construction of the Southern Pacific railway bridge across the Sacramento river at Redding.

First unit of the permanent Southern Pacific relocation around the site of Shasta reservoir, the bridge contracts attracted bids from 23 concerns.

Clifford A. Dunn of Klamath Falls, Oregon, at \$173,120 was low bidder on Schedule 1, covering construction of reinforced concrete piers and abutments.

American Bridge Low

For the superstructure, including furnishing and erecting the steelwork, constructing a timber deck and laying track, the lowest figure was submitted by American Bridge Co. of Pittsburgh, Pa. The firm, a U. S. Steel subsidiary and affiliate of the Columbia Steel Co. of San Francisco, offered to perform the contract for \$569,100 if fabricated steel is accepted at the shipping point, probably Gary, Indiana, and shipped on government bill of lading.

Close second bidder for this portion of the work was Wisconsin Bridge & Iron, Milwaukee, with a proposal of \$590,875 if steel is shipped on government bill of lading. In view of the close bidding, official announcement of the low bid was withheld pending final computation of freight rates from both the bidder's shipping points.

Bates & Rogers Second

Second low bidder for piers and abutments. Schedule 1, was Bates & Rogers Construction Company of Oakland, at \$175,863.

The bridge when completed will have a total length of 4,346 feet. It will be built on a curve from Redding toward the foothills.

While bids were being opened here today, work already was underway at Shasta Dam site on the diversion tunnel and temporary railroad relocation through the west abutment. Colonial Construction Co. forces last week set off the first blasts. The tunnel will take about four months to complete.

Pacific Constructors, Inc., low

ASK BIDS SOON ON PRADO DAM, BASIN PROJECT

Plans for the Prado Dam and retarding basin on the Santa Ana River have been approved by Federal officials, and bids on the job will be called within the next few weeks, according to Major Theodore Wyman, Jr., District Engineer of the U. S. Engineer Office, Los Angeles.

The Prado Retarding Basin will involve an earth-fill dam, having an impervious core, with a maximum height of 100 feet. The top, at elevation of 561, will be 30 feet in width for roadway purposes, with a crest length of 2350 feet. Foundations at the site require that the dam be constructed of earth, according to Major Wyman.

The adopted cross sections will have an upstream slope of 3 horizontal to 1 vertical and downstream slope of 6 horizontal to 1 vertical. The upstream slope of the dam will be provided with stone-paving throughout. The downstream slope is provided with two berms and drainage facilities to reduce rainfall erosion.

Material excavated in the preparation of the foundation for structures will supply a large portion of that required for construction of the embankment. The balance will be obtained from the top of the terrace, east of the spillway.

bidders for the dam and power plant, have not started work on their \$35,939,450 contract. They are awaiting official "notice to proceed", which will be issued by the Washington office of the Bureau.

TWELVE STATE CONTRACTS LET AT SACRAMENTO

Kelly Awards Nine Division of Highway Jobs, Three Others

SACRAMENTO, July 13.—Contracts on nine State highway, bridge and grade separation projects, and three jobs from the office of State Architect George B. McDougall today were awarded by Director Earl Lee Kelly of the State Department of Public W'ks.

Awards were made on Division of Highways projects in the following counties:

J. E. Haddock, \$107,378, in Los Angeles county; Behek & Brkich, at \$94,651, in Los Angeles county; Griffith Company, at \$12,682.90 in Orange county; and Palo Alto Road Materials Co., at \$8,725.25, in San Francisco county.

Other awards were: Franzini & Frenenburg, at \$19,646.35, in San Mateo county; Franzini & Frenenburg, at \$6,586 in Kern county; Hemstreet & Bell, at \$68,225.25 in Yolo county; Pacific Truck Service Co., at \$3,206.88 in Amador county and Fredericksen & Westbrook at \$43,570 in Butte county.

Pacific Colony Work

Awards were made to the following for construction of three one-story reinforced concrete ward buildings at Pacific Colony, Spadra, Los Angeles county: John Strona, at \$218,470 (general work) Consolidated Heating and Ventilating, at \$15,968 (heating and ventilating); and Vancott Company, at \$6,547 (electric work).

Robert McCarthy, San Francisco at \$14,948, was awarded the contract for construction of an inspection station near Truckee in Nevada county. The final contract went to G. H. Armstrong Electric Company at \$6,499, for electrical work for the San Francisco building at the Golden Gate International Exposition.

(Complete description of projects for which awards were made yesterday will be found in the Advance Report section today.)

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1597	Baumgarten	Mills	5000
1598	Childrens Hosp.	Empire	24000
1599	Liebman	Owner	10000
1600	Morris	Owner	4000
1601	Gosp. C'tr	Prop. Imp.	5000
1602	Thorinson	Owner	4000
1603	Wilson	Owner	1500
1604	Blum	Foster	10000
1605	Crocker	Owner	10000
1606	Crocker	Owner	17000
1607	Delaney	Owner	5000
1608	Doelger	Owner	3000
1609	Doelger	Owner	6000
1610	Farro	Owner	1500
1611	Halsen	Owner	4000
1612	King	Steiner	3500
1613	Schneider	Akard	4000
1614	Stoneson	Owner	3500
1615	Tollin	Owner	4500
1616	Union	Chiodo	10500
1617	Wendell	Barrett	1000
1618	Fay	McFarland	1000
1619-20	Stoneson	Owner	3500
1621	Charlier	Owner	2750
1622	Borg	Kelly	1000
1623	Hansen	Owner	4000
1624	Heylln	Owner	4000
1625	Liebler	Nelson	5000
1626	Seaside	Mills	2500
1627-8	Spinden	Owner	4000
1629	Arberry	Coles	6000
1630	Bervick	Owner	3000
1631-2	Christensen	Owner	4000
1633	Crocker	Owner	5700
1634-5	Dahlstrom	Owner	3500
1636	Evers	Owner	4000
1637	Fisher	Liebman	4000
1638	Goldstine	Liebman	4000
1639-40	Johnson	Owner	2000
1641-2	Johnson	Owner	3000
1643	Robison	Property	3500
1644	Rossell	Schell	2000
1645	Rudometken	Owner	1000
1647	Follmer	Ruegg	7000
1648	Mendes	Miller	1800
1649	Nicolletti	Harder	5000
1650	O'Donnell	Owner	5000
1651	Porter	Harder	3500
1652	Turrini	Owner	7000
1653	Valerie	Foliotti	9000

ALTERATIONS
(1597) 530 CLAY ST. Alter store.
Owner—Baumgarten Bros., premises.
Contractor—Mills Const. Co., 605 Market Street.
Architect—Not Given. \$5,000

ALTERATIONS
(1598) NE CALIFORNIA & Cherry. Alter hospital.
Owner—Hospital for Children, 3200 California Street.
Contractor—Empire Const. Co., Ltd., Russ Building.
Architect—Masten & Hurd, 442 Post.
Engineer—W. L. Huber, 1 Montgomery Street. \$24,000

FLAT
(1599) W FILLMORE 280 N Chestnut St. Two-story and basement frame flat.
Owner and Builder—Ben Liebman, 3319 Fillmore St.
Plans by I. Goldstine, 1200 Oak St. \$10,000

DWELLING
(1600) N ESCOLTA WAY 130 West 31st Ave. One-story and basement frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—D. E. Jaekle, 126 Post St. \$4,000

ALTERATIONS
(1601) 916 LAGUNA Street. Alter Church.
Owner—S. F. Gospel Center, Inc., 916 Laguna Street.
Contractor—Property Imp. Co., 919 Fell Street.
Architect—Not Given. \$5,000

DWELLING
(1602) W 24th AVE. 200 S Vicente. One - story and basement frame dwelling.
Owner and Builder—F. H. Thorinson 1630 Ocean Avenue.
Architect—Not Given. \$4,000

ALTERATIONS
(1603) 973 MARKET Street. Alter stores and lofts.
Owner—Wilson Estate Co., 350 Geary.
Contractor—Not Selected.
Architect—Martin A. Sheldon, Mo-nadnock Bldg.
Engineer—F. W. Kellberg, 320 Market Street. \$1500

DWELLING
(1604) E MERCEDES WAY 167 S Paloma. Two - story and basement frame dwelling.
Owner—Herbert G. Blum, 326 Fun-cton Avenue.
Contractor—Stuart Foster, 28 Harry.
Architect—Harold G. Stoner, 251 Kearny Street. \$10,000

FLATS
(1605) W LEAVENWORTH 92 N Greenwich. Two-story and basement frame flats.
Owner and Builder—Herbert Crocker 944 Phelan Building.
Architect—Not Given. \$10,000

APARTMENTS
(1606) NW LEAVENWORTH AND Greenwich Sts. Two-story and basement frame apts.
Owner and Builder—Herbert Crocker 944 Phelan Building.
Architect—Not Given. \$17,000

DWELLING
(1607) E 21st AVE. 150 S Lawton St. One - story and basement frame dwelling.
Owner and Builder—Delaney & Wilson, 1343 22nd Avenue.
Architect—Not Given. \$5,000

DWELLING
(1608) S KIRKHAM 107 W 44th Ave. Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$3,000

DWELLING
(1609) NE 16th AVE. and Pacheco. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$6,000

ALTERATIONS
(1610) 2889 MISSION ST. Alter market.
Owner and Contractor—J. Farro, 2801 23rd Street.
Architect—Not Given. \$1,500

DWELLING
(1611) W 25th AVE. 225 N Ulloa. One - story and basement frame dwelling.
Owner and Builder—A. Halsen, 2427 25th Avenue.
Architect—Not Given. \$4,000

DWELLING
(1612) E MOULTRIE 25 S Crescent. One - story and basement frame dwelling.
Owner—Mildred King, Redwood City.
Contractor—J. L. Steiner, 861 Moultrie.
Architect—Not Given. \$3,500

ALTERATIONS
(1613) 3721 BUCHANAN ST. Alter tavern and restaurant.
Owner—F. W. Schneider, c/o Contr. Contractor—W. C. Akara, 225 Cervantes Way.
Architect—R. R. Irvine, 2048 Market Street. \$4,000

DWELLINGS
(1614) NE ROME 85, 110, 135 SE Cayuga. Three 1-story and basement frame dwellings.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$3500 each

DWELLING
(1615) E 26th AVE. 225 N Irving St. Two - story and basement frame dwelling.
Owner & Builder—M. J. Tollin, 2090 Green Street.
Architect—Not Given. \$4,500

STORE & CLUB
(1616) S BROADWAY 100 W Powell St. Two-story frame store and club.
Owner—Union Espanola Club, NE Powell and Broadway.
Contractor—Michele Chiodo, 118 E Rhode Island Street.
Architect—G. A. Berger, 309 Valencia Street. \$10,500

ALTERATIONS
(1617) 774 HOWARD Street. Alter hotel.
Owner—A. Wendell, c/o contractor. Contractor—Barrett & Hill, 918 Harrison Street.
Architect—Not Given. \$1,000

ALTERATIONS
(1618) S ORTEGA 85 E 19th Ave. Alter store.
Owner—Paul Fay, Phelan Bldg. Contractor—Jas. H. McFarland, 624 Second Ave.
Architect—Not Given. \$1,000

DWELLINGS
(1619) SE CAYUGA 31, 56, 81, 106, 131 SW Ottawa. Five 1-story anc. basement frame dwellings.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$3500 each

DWELLINGS
(1620) SW OTTAWA 30, 55, 80 NW Rome. Three 1-story and basement frame dwellings.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$3500 each

ALTERATIONS
(1621) 43 VESTA ST. Alter dwelling.
Owner and Contractor—J. G. Charlier, 45 Vesta St.
Architect—Not Given. \$2,750

ALTERATIONS
(1622) 1454 19th AVE. Alter dwelling.
Owner—Hans Borg, 1454 19th Ave. Contractor—Robt. P. Kelly, 1434 Lawton Street.
Architect—Not Given. \$1,000

DWELLINGS
 (1623) S SHAWNEE 150, 175, 200 W Delano. Three 1-story and basement frame dwellings.
 Owner and Builder—Hansen & Hansen, 2401 San Jose Ave.
 Architect—L. J. Klein, Mill Valley. \$4,000 each.

DWELLING
 (1624) E 32nd AVE. 125 S Judah St. One - story and basement frame dwelling.
 Owner and Builder—Philip Heylin, 4101 Lincoln Way.
 Architect—Not Given. \$4,000

DWELLING
 (1625) W 30th AVE. 100 S Rivera. Two - story and basement frame dwelling.
 Owner—Jacob and Dagmar Leibler, 224 Ocean Avenue.
 Contractor—A. Nelson, Inc. 242 Ocean Avenue.
 Architect—Not Given. \$5,000

SERVICE STATION
 (1626) NW 24th and Lawton. Steel service station.
 Owner—Seaside Oil Co., 3rd and 18th Streets.
 Contractor—Mills Const. Co., Santa Fe Blåg.
 Architect—Not Given. \$2,500

DWELLING
 (1627) E ROSELYN Terrace 175 S Turk St. One-story and basement frame dwelling.
 Owner and Builder—Elmer R. Spinden, 160 Russ Street.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (1628) E ROSELYN Terrace 150 S Turk St. One-story and basement frame dwelling.
 Owner and Builder—Elmer R. Spinden, 160 Russ Street.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (1629) E 41st AVE. 25 N Judah St. One - story and basement frame dwelling.
 Owner—I. E. Arberry, Jr., 1212 11th Avenue.
 Contractor—Walter P. Coles, 636 33rd Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$6,000

DWELLING
 (1630) W LAMARTINE 300 N Cayuga. One-story and basement frame dwelling.
 Owner and Builder—A. Berwick, 1525 Noe Street.
 Architect—Not Given. \$3,000

DWELLINGS
 (1631-2) N JUDAH 120 and 95 E 22nd Ave. Two 1-story and basement frame dwellings.
 Owner and Builder—Herman Christensen, 1801 19th Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000 each

DWELLING
 (1633) W LEAVENWORTH 63 N Greenwich. Two-story and basement frame dwelling.
 Owner and Builder—Herbert Crocker 944 Phelan Bldg.
 Architect—Martin Rist, 944 Phelan Bldg. \$5,700

DWELLINGS
 (1634-5) S PARADISE 119 and 144 W Burnside. Two 1-story and basement frame dwellings.
 Owner and Builder—Gus Dahlistrom, 160 Castro Street.

DWELLING
 (1636) W 37th AVE. 100 S Santiago. One - story ana basement frame dwelling.
 Owner and Builder—Kenneth Evers, 55 San Rafael Way.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (1637) E 12th AVE. 180 S Cragmont. One - story and basement frame dwelling.
 Owner—Duane M. Fisher, 110 12th Avenue.
 Contractor—Ben Liebman, 3319 Fillmore Street.
 Architect—Not Given. \$4,000

DWELLING
 (1638) E 12th AVE. 150 S Cragmont. One - story and basement frame dwelling.
 Owner—Irvin W. Goldstine, 1200 Oak. Contractor—Ben Liebman, 3319 Fillmore Street.
 Architect—Not Given. \$4,000

DWELLINGS
 (1639-40) W ALEMANY 567 and 541 N Seneca. Two 1-story and basement frame dwellings.
 Owner and Builder—J. A. Johnson, 69 Madison Street.
 Architect—Not Given. \$2,000 each

DWELLINGS
 (1641-42) W ALEMANY 515 and 489 N Seneca. Two 1-story and basement frame dwellings.
 Owner and Builder—J. A. Johnson, 69 Madison Street.
 Architect—Not Given. \$3000 each

DWELLING
 (1643) NW SAINT CHARLES and Palmetto. One-story and basement frame dwelling.
 Owner—W. A. Robison, c/o Contr. Contractor—Property Imp. Co., 919 Fell Street.
 Architect—Not Given. \$3,500

ALTERATIONS
 (1644) ELLIS and Fillmore Streets. Alter bowling alley.
 Owner—Al. Rosselli, Eddy Hotel. Contractor—Fred W. Schell, 666 Mission St.
 Engineer—Wm. Adrian, 417 Market Street. \$2,000

ALTERATIONS
 (1645) 957 DE HARO. Alter dwelling.
 Owner—Mike Rudometken, premises. Architect—Not Given. \$1,000

ALTERATIONS
 (1646) 241 PINE ST. Alter restaurant.
 Owner and Contractor—V. L. Cappa, 1668 North Point Street.
 Architect—W. W. Sexton, deYoung Building. \$2,000

DWELLING
 (1647) E DESMOND 167 S Visitation. One - story and basement frame dwelling.
 Owner—F. Follmer, 218 Wheeler Ave. Contractor—The Ruegg Co., 369 Pine. Architect—Albert H. Larsen, 333 Kearny St. \$7,000

ALTERATIONS
 (1648) 1466 19th AVE. Alter dwelling.
 Owner—M. J. Mendes, 1466 19th Ave. Contractor—Miller & McGillis, 4444 Geary Blvd.
 Architect—Not Given. \$1,800

DWELLING
 (1649) E YERBA BUENA 74 N Casitas. One-story and basement frame dwelling.

Owner—C. Nicoletti, c/o contractor. Contractor—Gerret Harder, 632 44th Avenue.
 Architect—Not Given. \$5,000

DWELLING
 (1650) W 4th AVE. 155 S Anza. Three-story and basement frame dwelling.
 Owner and Builder—Neva O'Donnell, premises.
 Architect—Not Given. \$5,000

DWELLING
 (1651) S ARLETA 136 W Bayshore. One - story and basement frame dwelling.
 Owner—C. Porter, c/o contractor. Contractor—Gerret Harder, 632 44th Avenue.
 Architect—Not Given. \$3,500

FLATS
 (1652) S CABRILLO 95 E 30th Ave. Two-story frame flats.
 Owner—Henry Turini, 735 Balboa. Contractor—Not Given.
 Architect—H. C. Baumann, 251 Kearny Street. \$7,000

DWELLING
 (1653) W STANYAN 203 S Geary. Two - story and basement frame dwelling.
 Owner—Albino Valerie, 1727 Grant. Contractor—R. Fiolotti, 200 Cervantes Blvd.
 Architect—Not Given. \$9,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1535	Johnson	Owner	3250
1536	Barner	Davis	4000
1537	Cruzan	Rose	1000
1538	Harper	Hill	4500
1539	Hill	Owner	4000
1540	Ray	Wierk	3200
1541	Schmidt	Owner	4500
1542	Trachia	Cisero	5000
1543	Wood	Pearson	3465
1544	.....	O'Brien	2500
1545	Boggs	MacGregor	4900
1546	Relither	Fox	3900
1547	Lewis	Deger	1000
1548	Moore	MacGregor	11000
1549	Williamson	O'Brien	12000
1550	Kibby	Heming	5000
1551	Oakland	Tullock	2521
1552	Scherman	Owner	4900
1553	Ader	Kopf	3800
1554	Col Women	Standard	1450
1555	Col Women	Standard	1500
1556	Jury	Walker	5000
1557	Oakes	Doods	4000
1558-61	Traver	Spaulding	5000
1562	Dalziel	Fickett	1900
1563	Knox	Owner	1500
1564	Nielsen	Owner	2800
1565	Penther	McKinney	1000
1566	Maki	Owner	2000
1567	Angersen	Owner	2000
1568	G G Methodist	Owner	4100
1569	Leonardo	Owner	3500
1570	Lurie	Alexander	3000
1571	Steffensen	Pond	4000
1572	Hazel	Larsen	38000
1573	Hazel	Larsen	5000
1574	Masiani	Ungaretti	5500
1575	Lombard	Shaw	4000
1576	Dowling	Owner	3950
1577	Fenelon	Clark	2400
1578	McNair	Owner	3800
1579	Fleming	Owner	5500
1580	Langeberg	Soder	4900
1581	Dooley	Owner	3900
1582	Meyers	Sibley	4000

DWELLING
 (1655) 1298 VIRGINIA ST. BERKELEY. One - story 4-room frame dwelling and garage.
 Owner and Builder—H. W. Johnson, 1033 43rd St, Oakland.
 Architect—C. N. Russell, 30 Grand Ave. Oakland. \$3,250

- DWELLING**
(1536) 3900 BARNER AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—Theodore Barner.
Contractor—Stanley M. Davis, 610 Bancroft Ave., San Leandro.
Architect—Not Given. \$4,000
- REPAIRS**
(1537) 598 SYCAMORE ST., OAKLAND. Fire repairs.
Owner—J. E. Cruzan, 1333 Jefferson.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$1000
- DWELLING**
(1538) 3012 HIGH ST., OAKLAND.
One-story 6-room dwelling.
Owner—James Harper, 2312 Tiffin Road.
Contractor—Frank R. Hill, 4162 35th Avenue.
Architect—Not Given. \$4,500
- DWELLING**
(1539) 11 SELKIRK ST., OAKLAND.
One-story 5-room dwelling.
Owner—Frank R. Hill, 4162 35th Ave.
Architect—Not Given. \$4,000
- DWELLING**
(1540) 8214 NEY AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Robert L. Ray.
Contractor—Nick Wierk, 302 13th St.
Architect—Not Given. \$3,200
Also 1-story garage, \$300.
- DWELLING**
(1541) 2159 EASTMAN AVE., OAKLAND. Two-story 6-rm. dwelling.
Owner and Builder—A. K. Schmidt, 3936 Elston Avenue.
Architect—Not Given. \$4,500
- DWELLING**
(1542) 3921 ALLENDALE AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—John Tracchia, 20336 San Miguel Ave., Castro Valley.
Contractor—John Cisero, 474 42nd St.
Architect—Not Given. \$5,000
- ALTERATIONS**
(1543) 4008 WOODRUFF Ave. OAKLAND. Alterations and addition.
Owner—M. D. Wood.
Contractor—Leon Pearson, 3027 Capp.
Architect—Not Given. \$3,465
- REPAIRS**
(1544) 2418 BANCROFT WAY, BERKELEY. Repair fire damage.
Owner—Not Given.
Contractor—Lloyd O'Brien, 315 14th St., Oakland.
Architect—Not Given. \$2,500
- DWELLING**
(1545) 611 SPOKANE, ALBANY.
Two-story 7-room frame dwelling.
Owner—Charlotte M. Boggs, Orinda.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$4,900
- DWELLING**
(1546) 1437 CURTIS, BERKELEY.
One-story 5-room frame dwelling and garage.
Owner—G. Keither.
Contractor—Fox Bros., 1478 University Avenue.
Architect—Not Given. \$3,900
- ADDITION**
(1547) 1819 SAN LORENZO, BERKELEY. Additions.
Owner—Walter Lewis, premises.
Contractor—W. Degun, 2055 Santa Clara.
Architect—Not Given. \$1,000
- APARTMENTS**
(1548) 1256 SOLANO, ALBANY. Two-story 3 fr & apts. bldg. (3 family).
Owner—C. C. Moore, 1583 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$11,000
- REPAIRS**
(1549) 2070 UNIVERSITY, BERKELEY. Repair fire damage.
Owner—L. J. Williamson, premises.
Contractor—Lloyd O'Brien, 315 14th St., Oakland.
Architect—Not Given. \$1,200
- DWELLING**
(1550) 7045 COLTON BLVD., OAKLAND. One-story 6-room dwelling.
Owner—Geo. M. Kibby, Oakland.
Contractor—K. J. Henning, 1 Home Place.
Architect—Not Given. \$5,000
- CLASSROOM BLDG.**
(1551) S YGNACIO AVE. 75 W 47th Ave., Oakland. One-story 6-room class room building.
Owner—Oakland High School Dist., 2nd Ave. and E 10th St.
Contractor—John F. Tulloch, 335 8th Street.
Architect—Not Given. \$2,521
- DWELLING**
(1552) 2828 21st AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Sol Scherman, 2789 Poohill Blvd.
Architect—Not Given. \$4,000
- DWELLING**
(1553) 1105 POST ST., ALAMEDA. One-story 4-room dwelling.
Owner—Ader & Mathebat, 2418 Central Ave., Alameda.
Contractor—Ben M. Kopf, 845 Pacific Ave., Alameda.
Architect—Not Given. \$3,800
- SERVICE STATION**
(1554) 2306 COLLEGE AVE., BERKELEY. Service station.
Owner—College Womens Club.
Contractor—Standard Oil Co., 225 Bush St., San Francisco.
Architect—Not Given. 1450
- ALTERATIONS**
(1555) 2698 BANCROFT WAY, BERKELEY. Alterations.
Owner—College Womens Club.
Contractor—Standard Oil Co., 225 Bush St., San Francisco.
Architect—Not Given. \$1,500
- DWELLING**
(1556) 1145 GRIZZLY PEAK, BERKELEY. Two-story 6-rm. frame dwelling and garage.
Owner—Mr. and Mrs. Claire Jury, 401 Spruce St.
Contractor—J. M. Walker, 401 Spruce
Architect—Not Given. \$5,000
- DWELLING**
(1557) 1025 FAIR OAKS AVENUE, ALAMEDA. 1½-story five-room dwelling.
Owner—Frank H. Oakes, 522 Santa Clara Ave., Alameda.
Contractor—Doods & Chambers, 1428 Franklin St., Oakland.
Architect—Not Given. \$4,000
- DWELLING**
(1558) 1830-B and 1830-C SANTA Clara Avenue, ALAMEDA. One-story 8-room duplex residence.
Owner—Sidney Traver, 1404 Park St., Alameda.
Contractor—P. Spaulding, 1511 Union St., Alameda.
Architect—Not Given. \$5,000
- DWELLING**
(1559) 1826-B and 1826-C SANTA Clara Ave., ALAMEDA. One-story 8-room duplex residence.
Owner—Sidney Traver, 1404 Park St., Alameda.
- Contractor—P. Spaulding, 1511 Union St., Alameda.**
Architect—Not Given. \$5,000
- DWELLING**
(1560) 1830 & 1830-A SANTA CLARA Ave., ALAMEDA. One-story 8-room duplex dwelling.
Owner—Sidney Traver, 1404 Park St., Alameda.
Contractor—P. Spaulding, 1511 Union St., Alameda.
Architect—Not Given. \$5,000
- DWELLING**
(1561) 1826 & 1826-A SANTA Clara Ave., ALAMEDA. One-story 8-room duplex dwelling.
Owner—Sidney Traver, 1404 Park St., Alameda.
Contractor—P. Spaulding, 1511 Union St., Alameda.
Architect—Not Given. \$5,000
- ALTERATIONS**
(1562) 536 15th ST., OAKLAND. Alterations.
Owner—Dalziel Co., 1666 Mission St., San Francisco.
Contractor—Ralph F. Fickett, 2061 Webster St.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$1,900
- ADDITION**
(1563) 1229 21st ST., OAKLAND. 1-story and basement addition.
Owner—L. H. Knox, premises.
Architect—Not Given. \$1500
- DWELLING**
(1564) 2124 105th AVE., OAKLAND. One-story 4-room dwelling.
Owner and Builder—V. Nielsen, 10-109 Plymouth St.
Architect—Not Given. \$2,800
Also 1-story frame garage, \$200.
- REPAIRS**
(1565) 1000 AILEEN ST., OAKLAND. Repairs.
Owner—Carl Penther, 1070 Aileen St.
Contractor—McKinney and Johnsen, 2958 Marshall St.
Architect—Not Given. \$1,000
- DWELLING**
(1566) 1350 WATKINS, BERKELEY. One-story 5-room frame dwelling and garage.
Owner and Builder—Wm. Maki, 2415 Sacramento.
Architect—Not Given. \$3,500
- DWELLING**
(1567) 8707 "B" ST., OAKLAND. One-story 3-room dwelling.
Owner—J. K. Andersen, 1222 Tenth Ave., Oakland.
Architect—W. W. George, 2051 Central Ave., Alameda. \$2,000
- AUDITORIUM**
(1568) 6026 IDAHO ST., OAKLAND. One-story 2-room auditorium.
Owner—Golden Gate Methodist Ch., 6026 Idaho St.
Architect—Not Given. \$4,100
- DWELLING**
(1569) 1621 86th AVE., OAKLAND. One-story 5-room dwelling.
Owner—F. J. Leonardo, 1456 86th Ave., Oakland.
Architect—Not Given. \$3,500
Garage, \$300.
- SERVICE STATION**
(1570) 2833 PARK BLVD., OAKLAND. One-story steel service station.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Contractor—Fred D. Alexander, 1727 1727 Franklin Street.
Plans by Richfield Oil Co., 248 Battery St., San Francisco. \$3,000

DWELLING
(1571) 7119 SUNKIST DRIVE, OAKLAND. One-story 5-room dwelling.
Owner—Carl Steffensen.
Contractor—C. P. Pond, 1056 Ardmore.
Architect—John D. Wagenet, Oakland. \$4,000

WAREHOUSE
(1572) 790 86th AVE., OAKLAND. Steel warehouse.
Owner—Hazel Atlas Glass Co., 89th and G Sts., Oakland.
Contractor—Larsen and Larsen, 629 Bryant St., San Francisco.
Architect—H. C. White and R. J. Fisher. \$38,000

BOILER HOUSE
(1573) 790 86th AVE., OAKLAND. Brick boiler house.
Owner—Hazel Atlas Glass Co., 89th and G Sts., Oakland.
Contractor—Larsen and Larsen, 629 Bryant St., San Francisco.
Architect—H. C. White and R. J. Fisher. \$5,000

DWELLING
(1574) 3053 JOAQUIN MILLER RD., OAKLAND. One-story five-room dwelling.
Owner—T. L. Masian, 3063 Joaquin Miller Road.
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.
Architect—Ray Keefer, 585 Mandana Blvd. \$5,500

DWELLING
(1575) 1762 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.
Owner—E. Lombard, Oakland.
Contractor—Melvin C. Shaw, 3718 Green Ave. Rd.
Architect—Not Given. \$4,000

DWELLING
(1576) 4311 CARSON ST., OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—S. J. Dowling, 2600 Clay St., Alameda.
Architect—Not Given. \$3,700

SERVICE STATION
(1577) 5397 FOOTHILL BLVD., OAKLAND. Steel service station.
Owner—Richard Fenelon, Oakland.
Contractor—A. W. Clark Jr. and Co., 214 Bank of Commerce Bldg.
Plans by Rio Grande Oil Co., 248 Battery St., S. F. \$2,400

DWELLING
(1578) 2615 MADELINE ST., OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—Robt. B. McNair, 3745 Rhoda St.
Architect—Not Given. \$3,800

DWELLING
(1579) 6571 LIGGETT DR., OAKLAND. One-story 6-room dwelling.
Owner and Builder—John Fleming, 2248 Coloma St.
Architect—Not Given. \$5,500

DWELLING
(1580) 3149 ARIZONA AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—R. Langeberg, Oakland.
Contractor—Oscar Foder, 4335 Sequoyah Road.
Architect—Not Given. \$3,800
Also garage, \$200.

DWELLING
(1581) 2720 23rd AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Fred T. Dooley, 4100 35th Ave.
Architect—Not Given. \$3,900

ALTERATIONS
(1582) 1334 WALNUT, BERKELEY. Alterations.
Owner—Miss E. B. Meyers, 22 East Rose St., Stockton.
Contractor—C. C. Sibley, 6524 Dana St., Oakland.
Architect—Not Given. \$4,000

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
340 P. G. & E.	Petersen	9885
200 Sortile	Icardi	1525
201 Hoover	Whalin	2696

PAINTING
(340) CLEMENT and Bay Streets, Oakland. Painting gas holder.
Owner—P. G. & E. Co.
Architect—Not Given.
Contractor—Henry P. Petersen, C.J. Frick, Aristo Ptg. Co., 473 Bryant St., San Francisco.
Filed and dated,
Monthly progress pay. of 85%
Usual 35 days 15%
TOTAL COST, \$9,885.00
Bond, \$9885. Sureties, U. S. Fidelity & Guaranty Co. Limit, 90 days. Spec. filed.

ALTERATIONS
(200) 1313 SAN PABLO AVENUE, Berkeley. Alterations.
Owner—Mr. and Mrs. C. Sortile, 1313 San Pablo Ave., Berkeley.
Architect—Not Given.
Contractor—A. Icardi
Filed and Dated,
Ready for plaster \$500.00
Completed 500.00
Usual 35 days 525.00
TOTAL COST, \$1525.00
Limit, 40 days. Plans and specifications filed.

STUDIO
(201) 4488 REINHARDT DR., Oakland. Photo studio.
Owner—Kathleen D. Hoover.
Architect—Walter T. Steilberg, 82 2nd St., San Francisco.
Contractor—Webb & Whalin.
Filed July 11, '38. Dated, July 10, '38.
Frame up \$674.00
Shingling, etc. 674.00
Acceptance 674.00
Usual 35 days 674.00
TOTAL COST, \$2,696.00
Plans and specifications filed.

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
341 Liebler	Nelson	5400
342 Blum	Foster	9753
343 Wilson	Martin	2929
344 P T & T Co	Dinwiddie	8754

RESIDENCE
(341) W 30th AVE. 100 S Rivera St. One-story and basement frame residence.
Owner—Jacob and Dagmar Liebler.
Plans by Clarence Baker, 155 Montgomery Street.
Contractor—A. Nelson, Inc. 242 Ocean Avenue.
Filed, July 11, '38. Dated, July 8, '38.
Roof on 25%
Plaster complete 25%
Completion 25%
Usual 35 days 25%
TOTAL COST, \$5,400.00
Plans and specifications filed.

RESIDENCE
(342) LOT 4 BLOCK 5, Ingleside Terrace. Amended map S. F. City and County. Two-story frame & stucco residence.
Owner—Herbert G. Blum.

Architect—Harold G. Stoner, 251 Kearny Street.
Contractor—Stuart Foster, 28 Harry. Filed and Dated, July 11, 1938.
Roof sheathed 25%
Sheetrock installed 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, \$9,753.00
Forfeit, \$5. Limit, 100 days.

ALTERATIONS
(343) 973 MARKET ST. Alterations and additions to building.
Owner—Wilson Estate Company, Mills Tower.
Architect—Martin A. Sheldon, Mo-nadnock Bldg.
Contractor—Wm. Martin, 666 Mission Street.
Filed, July 13, '38. Dated, July 11, '38
Ready for terra cotta \$1500.00
Completed 696.90
Usual 35 days 732.30
TOTAL COST, \$2929.20
Sureties, H. E. Anderson, G. H. Martinelli. Limit, 21 days. Plans and specifications filed.

POWER SET
(344) 430 BUSH ST. Installing an emergency power set in Davenport Bldg.
Owner—The Pacific T. & T. Co., 444 Bush Street.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg.
Filed, July 13, '38. Dated, July 1, '38.
Monthly payments of 75%
40 days after 25%
TOTAL COST, \$8,754.00
Bond, \$8754. Sureties, Pacific Indemnity Co. Plans and spec. filed.

**SAN FRANCISCO COUNTY
PERMITS UNDER \$1000**

ALTER store; \$200; 904 Grant Ave.; owner, The Art Co. prem.; contractor, Sun Lee, 113 Waverly Place.

ALTER dwell; \$200; 464 Valley St.; owner, Paul Permiani, Palo Alto;
ALTER dwell; \$400; 430 Central Ave.; owner, J. P. Belrne, prem.; contractor, James Borge, 2467 Sutter St.

SIGN, elec.; \$100; 164 O'Farrell St.; owner, Healthway Cafeteria, prem.; builder, Brumfield Elec. Sign Co., 905 Folsom St.

ALTER dwell; \$400; 1255 41st Ave.; owner, L. Burnham, prem.; contractor, Woodcraft Mfg. Co., 45 Holland St.

SIGN, elec.; \$160; 1939 Irving St.; owner, Fred J. Marchl, premises; builder, Elec. Prod. Corp., 910 Harrison St.

OFFICE, 1-story frame; \$250; W 12th St., 87 N Folsom; owner Guidetta Gandolfo, San Leandro.

ALTER dwell; \$75; 242 Jersey St.; owner, John Murray, 15th and Mission Sts.

FLUES; \$50; 1812 O'Farrell St.; owner, John Munson, premises; contractor, Walters Furnace and Sheet Metal, 2230 Market St.

ALTER flats; \$170; 954A Harrison St.; owner, F. Hopsardsky, premises; contractor, Victor E. Ratio, 4594 19th St.

ALTER cornice; \$25; 3431 Mission St.; owner, John Isola, 3439 Mission St.

SIGN, elec.; \$750; 98 12th St.; owner, Signal Oil Co. premises; builder, Western Neon Lite, 75 Fremont St.

FLUE; \$30; 370 4th Ave.; owner, T. Tesfen, premises; contractor, W. P. Goss Co., 4640 Geary Blvd.
SIGN, elec.; \$200; 560 Van Ness Ave.; owner, C. and L. Garage, premises; builder, QRS Neon Corp., 691 Potrero Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings, Fire Houses and Jails
4.—Factories and Warehouse	14.—Residences
5.—Flats	15.—Schools
6.—Garages and Bar-vehicle Stalls	16.—Banks, Stores and Lods
7.—Federal Buildings	17.—Theatres
8.—Ice	18.—Wharves & Docks
9.—Club Buildings	19.—Misc. Const.
10.—Hospitals	20.—Misc. Supplies & Hotels

1— APARTMENTS

Bids Opened
APARTMENTS Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 Frame and stucco apartment house containing four apts. (hardwood floors, tile baths, gas heating system, steel sash, etc.)
 Owner—M. Murchie, C. Architect.
 Architect—Charles McKenzie, Twoby Bldg., San Jose.
 Low Bidder—Fred C. Nelson, Montgomery Hotel, San Jose, \$17,092.
 Complete bids were:
 Fred C. Nelson\$17,092
 Bert Ward & Son17,175
 George S. Kocher17,295
 Paesetta Brothers18,750
 Thos. H. Hirschbach19,254
 All of San Jose.

Preparing Plans
APARTMENTS cost, \$20,000
 SAN FRANCISCO, Twin Peaks.
 Frame apartment house to contain two 2-rm., one 4-rm. and one 5-rm. apts.; hardwood flrs, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Larsen St.

3— CHURCHES

Preparing Working Drawings
CHURCH Est. cost \$25,000.
 BURLINGAME, San Mateo Co., Cal.
 —Sherman Ave. and El Camino Real.
 Frame and stucco church to seat 200 and parsonage.
 Owner—Grace Evangelical Lutheran Church of San Mateo (Rev. Albert R. Kurtz, pastor).
 Architect—Walter R. Hagedohm, 451 N Western St., Los Angeles.
 Final arrangements for financing will be completed in about two weeks.
 A parish house, seating 250, including stage and kitchen will be constructed at a later date.

To Start Work
CHURCH Cost, \$.....
 WEST OAKLAND, Alameda Co., Cal.
 Frame and stucco church building; social hall.
 Owner—Golden Gate Methodist Episcopal Church.
 Architect—Geo. P. Simonds, 80 Main St., Hayward.
 Construction by days work starts Monday.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED
 BURBANK, L. A. Co., Calif. —
 Consolidated Steel Corp., 5700 S. East-

ern Ave., L. A., awarded contract for fabricating and erecting approx. 400 tons of struc. steel for the new factory bldg. to be built at Victory Pl. and Empire Ave., Burbank, for Lockheed Aircraft Corp. Plans for bldgs. are now under way in the office of Archts. John and Donald B. Parkinson, 434 Title Insurance Bldg., L. A., who will take general contract bids, probably about July 25.

Contract Awarded
WAREHOUSE Cost, \$43,000
 OAKLAND, Ala. Co., Calif., 790 86th Ave.

Steel warehouse and brick boiler house.
 Owner—Hazel Atlas Glass Co., 89th and G Sts.
 Plans by—H. C. White and R. F. Fisher, 826 Crocker Bldg., S. F.
 Contractor—Larsen & Larsen, 629 Bryant St., S. F.

Sub Contracts Awarded
WAREHOUSE & OFFICE Cont. Pr. \$6963
 SANTA ROSA, Sonoma Co., Cal.
 Reinforced concrete building (40 x 80 ft.) to contain coolers, offices and storage space; cork insulation, composition roof, concrete floors, etc.
 Owner—Challenge Cream & Butter Association.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Contractor—Wm. D. Rapp, 517-A 4th St., Santa Rosa.
 Plumbing—George Mitchell, 513 3rd St.
 Electric Wiring—Karl F. Stoltzing, 1067 4th St.
 Sheet Metal—Ed Holtz, 411 3rd St.
 Glass, Lumber & Mill—Henry Laws Co., 8th & Wilson Sts.
 All of Santa Rosa.

Opening Steel Bids July 14, 2 P. M.
INDUS. BLDG. Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 560 North Sixth Street.
 One-story industrial building enclosing kilns.

Owner—Garcen City Pottery Co., 560 North Sixth St., San Jose.
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Bids are now being received by the architects for steel construction only from a selected list of contractors. Balance of work will be done by the owners.

Contract Awarded
PLANT Cost, \$.....
 RIO VISTA, Solano Co., Calif. On River Highway.
 Marine bulk plant, including storage warehouse, dock, dredging, etc.
 Owner—General Petroleum Corp. of California.

Plans by Engr. Dept. of Owner.
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Sub-Contracts Awarded
ALTERATIONS Cost, \$45,000
 SAN FRANCISCO, NE Vallejo and Battery Streets.
 Alterations to Schenley Products warehouse, inc. addition of one-story to present 2-story and basement building.
 Owner—Lurie Co., 333 Montgomery.
 Architect—W. D. Peugh, 333 Montgomery Street.
 Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.
 Reinforcing Steel—Truscon Steel Co., 604 Mission Street.
 Placing of Reinf. Steel—J. P. Murphy 3901 Mission St.
 Plumbing, Heating and Ventilating—James A. Nelson, Inc., 1375 Howard Street.
 Electric Wiring—Chas. A. Langlais, 472 Tehama Street.
 Sprinklers—Barnard Engr. Co., 142 Ninth Street.
 Elevators—S. F. Elevator Co., 860 Folsom Street.

Sub-Contracts Awarded
WAREHOUSE Cont. Pr. \$21,175
 CAMPBELL, Santa Clara Co., Calif.
 Two and part 3-story frame warehouse.
 Owner—Prune and Apricot Growers' Association.
 Architect—Binder & Curtis, 25 West Carlos St., San Jose.
 Contractor—Bridges Const. Co., 1398 Lincoln Ave., San Jose.

Roofing—California Roofing Co., Inc., 72 N Fourth St.
 Plumbing—Mark Cox, 1091 Carolyn Ave.

Electric Wiring—Guilbert Bros. Electric Co., 286 W Santa Clara St.
 Sheet Metal—Henry Eitzert, 748 The Alameda.
 Glass—LeDeit Glass Co., 762 Lenzen Ave.

Iron Grille Work—R. Hellwig's Iron Works, 407 Vine St.
 Brick and Stone Work—H. F. Rediker, Rt. 1, Box 419-A.
 Grading—E. G. Keeble, Jr., Rt. 4, Box 278, Tully Road.
 Lumber—Southern Lumber Co., 1402 S First St.

Mill Work—Chase Lumber Co.
 Painting—Bud Callichotte, 210 S Market St.
 Lathing & Plastering—I. T. Bridges, 654 Oberlin St., Palo Alto.

5— FLATS

To Be Done By Days Work
FLATS Cost, \$10,000
 SAN FRANCISCO, W. Fillmore, 280 N. Chestnut St.
 Two-story and basement frame flats.
 Owner & Builder—Ben Lieberman, 3319 Fillmore St.
 Plans by I. Goldstine, 1200 Oak St.

6— GARAGES & SERVICE STATIONS

Contracts Awarded
SERVICE STATION
 MERCED, Calif., 16th St., bet. O & M Sts.
 New gasoline service station.
 Owner—General Petroleum Corporation of California.
 Plans by Engr. Dept. of Owner.
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Ala.
 John W. Winkey awarded contract for removing and relocating buildings on site.

7— FEDERAL BUILDINGS

OPENING DATE POSTPONED
 SAN DIEGO, Calif.—Until Aug. 2, 11 A. M. (bid opening date postponed from July 26), bids will be received by Headquarters, 11th Naval District, Foot of Broadway, San Diego, for driving test piles for Fleet

School Bldg. at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8875. The work includes the furnishing of equip. and labor and driving 12 concr. test piles. The government will furnish the test piles to be driven. Bidding data may be obtained from the Public Works Officer, Headquarters, 11th Naval Dist., San Diego, upon deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

SAN DIEGO, Calif.—J. A. Carter Co., 225 W. 11th St., L. A., awarded contract by the Bureau of Yards and Docks, at \$42,475, for replacement of boilers and auxiliary equip. at the Naval Hospital in San Diego; Spec. 8712.

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until July 30, 11 A. M., bids will be received by the Superintendent of Lighthouses, Room 425, Custom House, Jackson and Battery Sts., San Francisco, for construction of one frame and stucco dwelling of six rooms, at Piedras Blancas Lighthouse Reservation, located on the seacoast about six miles north of San Simeon, San Luis Obispo Co., Calif.

Plans and specifications obtainable after July 15 at the above office. No deposit required.

(4) * 7

BIDS WANTED—Opening Date Not Set.

SAN DIEGO, Calif.—Bids are now being received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 25 moorings consisting of steel buoys, chain, and anchors at the Naval Operating Base, San Diego, under Spec. No. 8805. Est. cost \$875,000.

Drawings and specifications may be obtained from the above office and from the Commandant, 11th Naval District, Foot of Broadway, San Diego, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

(3) 1st rep. July 12, 1938.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Walker & Olund, Ltd., Honolulu, at \$14,899, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for addition to Hospital Corpsmen's Quarters, Pearl Harbor; Spec. No. 8750.

July 14, 1938

BIDS WANTED

KETCHIKAN, Alaska—Until July 29, bids will be received by the Procurement Division, Public Bldgs., Branch, Washington, D. C., for construction of a retaining wall and bulkhead at the U. S. P. O., at Ketchikan.

BIDS WANTED

YERBA BUENA SHOALS.—Until July 22, 1 P. M., bids will be received by the U. S. Golden Gate International Exposition Commission, George Creel, Commission, 200 Bush St., Room 1400, San Francisco, for exterior painting of the Federal Bldg., Yerba Buena Shoals.

Plans and specifications obtainable from the above office after 3 P. M., July 15, upon deposit of \$50 cash or certified check payable to George Creel, Commissioner.

(1001) * 7

CONTRACT AWARDED

FORT LYON, Colo.—F. E. Gates Marble & Tile Co., 2107 Adam St., Indianapolis, at \$4,145 awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for Marble and Tile in Bldg. No. 201, Fort Lyon, Colo.

LOW BIDDER

SACRAMENTO, Calif.—Pacific Painting & Decorating Co., 5414 Telegraph Ave., Oakland, at \$3,869 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster (additional stories) in the U. S. P. O., Court House, etc., Sacto.

LOW BIDDERS

LOS ANGELES, Calif.—Robert E. McKee, Box 5219 Metropolitan Station, Los Angeles, at \$171,900 submitted low bid to the Veterans Administration, Washington, D. C., for construction of female dormitory barrack building No. 220, containing approx. 395,000 cu. ft., at Veterans' Administration Facility, Los Angeles.

Sarvar and Zoss, Inc., L. A., at \$174,400 and Harry F. Miller, Los Angeles, at \$177,166 submitted second and third low bids. Montgomery Elevator Co., Moline, Illinois at \$8,353 submitted low bid for elevators.

BIDS OPENED

PEARL HARBOR, T. H.—Walker & Olund, Ltd., Honolulu, at \$14,366 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for addition to Hospital Corpsmen's Quarters, Pearl Harbor; Spec. No. 8750.

Second low bid submitted by Olof Lagvied, Honolulu, at \$16,525.

BIDS REJECTED

MARSHFIELD, Ore.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids for roof and miscellaneous repairs at the U. S. P. O., at Marshfield. It is the intention to revise plans and readvertise.

CONTRACT AWARDED

ALAMEDA, Cal.—Patterson Bros., 2054 Webster St., Oakland, at \$1,825 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting & new wood floors in work-room, U. S. P. O., Alameda.

CONTRACT AWARDED

HOLLISTER, San Benito Co., Cal.—F. C. Stolte Co., 203 Pine Ave., Pacific Grove, at \$592 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for roof repairs and painting, etc., at the U. S. P. O., at Hollister.

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—Eaton & Smith, Sacramento Air Depot, Sacramento, at \$218,450, awarded contract by the Constructing Quartermaster, Sacramento Air Depot, for the construction of Engine Test Building at the Air Depot. Complete bids published June 8.

BIDS WANTED

SAN DIEGO, Calif.—Until July 26, 11 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. 8870, for General Storehouse at the Naval Operating Base (Air Station), San Diego. Est. cost, \$200,000.

The building will be a three story,

concrete structure, approximately 115 feet wide and 205 feet long. The work includes concrete construction; freight and passenger elevators; stucco work; steel windows; steel doors; steel rolling doors; tile partitions; metal lath and plaster; roofing and sheet metal; carpentry; painting; glazing; electrical, plumbing and heating systems.

Plans and specifications may be obtained from the above office upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

Contract Awarded

Cont. Price \$450,000

REPAIR HANGARS

HICKAM FIELD, T. H. Construction and completion of the Air Corps Repair Hangars; Bids No. 397-28-35.

Owner—U. S. Govt. (Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, T. H.)

Plans prepared by the Office of the Quartermaster General, Constr. Division, Washington, D. C. Contractor—Robert E. McKee, 1128 Central Bldg., Los Angeles.

Contract Awarded

Cont. Price \$190,450

POST OFFICE

EUGENE, Oregon. Construction of U. S. Post Office.

Owner—U. S. Government. Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Contractor—George Isackson Co., 334 Worcester Bldg., Portland, Ore.

BIDS WANTED

SAN DIEGO, Calif.—Until July 26, 11 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. 8873, for extension of Building No. 31, connecting Buildings 31 and 90, at the Naval Operating Base (Air Station), San Diego. Est. cost, \$30,000.

The work consists in general of the furnishing of materials and labor for extending and connecting two existing steel frame buildings. The extension will be approximately 101 feet wide and 80 feet long. The work includes concrete; brick and hollow tile stucco; steel doors and windows; structural steel work; metal toilet partitions; timber sheathing with built-up roofing and sheet metal work; water, gas, air, and drainage piping; steam piping; electrical work and painting.

Plans and specifications may be obtained from the above office upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

VENTURA COUNTY, Calif.—Until July 29, 11 A. M., bids will be received by the Superintendent of Lighthouses, Room 425, Custom House, Jackson and Battery Sts., San Francisco, for construction of two frame and stucco dwellings of six rooms each, at Point Hueneme Lighthouse Reservation located on seacoast approx. five miles south of Oxnard, Ventura County.

Plans and specifications obtainable after July 15, at the above office. No deposit required.

Plans and specifications are now being completed and bids will be asked shortly for construction of one similar dwelling at Piedras Blancas Lighthouse Reservation located about eight miles from San Simeon, and one similar dwelling at Point Pinos Lighthouse Reservation at Monterey.

FUNDS ALLOTTED

CALIFORNIA.—Postmaster General Farley this week announced approval of 280 public bldg. projects financed under the \$60,000,000 provided in the 1938 Federal Bldgs. appropriation and to be placed under contract during the present fiscal year. Program includes the following California post office bldgs.: Culver City, \$129,000; Ontario, \$150,000; Calexico, \$111,000; Bakersfield, \$530,000. The amounts specified are for sites and bldgs. 7

BIDS WANTED

SAN DIEGO, Calif.—Until July 26, 11 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. 8871, for construction of Aircraft Storehouse at the Naval Operating Base (Air Station), San Diego. Est. cost, \$100,000.

The storage building is one story, steel frame, approximately 121 feet wide and 305 feet long. The structure will have concrete footings, walls, foundations, and floor; structural steel trusses and frames; steel windows and doors; vertical rolling steel doors; steel rolling doors on track; timber roof deck with built-up roofing; corrugated asbestos siding; hanging gutters; downspouts; electrical, plumbing, and drainage systems.

Plans and specifications may be obtained from the above office upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

SEATTLE, Wash.—Nelse Mortensen & Co., 1021 Westlake N., Seattle, at \$1,054 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for refinishing floors, installation of gratings, etc., at the U. S. Marine Hospital, Seattle. 7

COMPLETE BIDS

SACRAMENTO, Calif.—Pacific Painting & Decorating Co., 5414 Telegraph Ave., Oakland, at \$3,569 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster (additional stories) in the U. S. P. O., Court House, etc., Sacto.

Complete bids were: Pacific Painting & Decorating Co., Oakland, \$3,569.
Lee Dixon Co., Ltd., San Francisco, \$4,179.

Raphael Co., San Francisco, \$4,375.
Patterson Bros., Oakland, \$4,473.

Louis Neuman, Salem, Ore., \$4,557.
Willcox & Wilson, Sacramento, \$4,576.

Z. Zelinsky & Sons, San Francisco, \$4,735.

R. P. Paoli & Co., San Francisco, \$6,400.

CONTRACT AWARDED

SACRAMENTO, Cal.—Luppen and Hawley, Inc., 3126 J St., Sacto., at \$7,550 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new sewerage ejectors, etc., at the U. S. Post Office and Court House at Sacramento. 7

SUB-BIDS WANTED

LOS ANGELES, Calif.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, is figuring plans and desires sub-bids on all portions of the work for the construction of the U. S. Parcel Post Building, NE corner Alameda and Macy Sts., Los Angeles, for which bids will be opened July 26, 1 P.M.

Plans prepared by the Supervising Architect of the Treasury Department, Washington, D. C. 7

BIDS OPENED

SAN DIEGO.—Lindley, Inc., 1428 Maple Ave., L. A., at \$1,085 submitted low bid to the 11th Naval District, Public Works Officer, foot of Broadway, San Diego, for acoustical tile on ceiling in barracks and combined mess hall-galley-barracks bldg. at the Naval Operating Base (Air Station), San Diego. Spec. 8720.

Other bids were:
Andrew N. Baird, San Diego, \$1,254.
Southwest Carpet Co., San Diego, \$1,275.

Modern Bldg. Specialties Co., San Diego, \$1,514. 7

BIDS WANTED

SAN FERNANDO, L. A. Co., Cal.—Until July 21, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for repairs to oil burning equipment at the U. S. P. O., at San Fernando. 7

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until July 22, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous exterior & interior painting at the U. S. P. O., at Santa Paula. 7

Plans Being Figured—Bids Close

July 21.
SERVICE STA. Cost, \$2,000.
SELMA, Fresno Co., Calif. Second and Whitson Streets.

New gasoline service station.
Owner—General Petroleum Corp. of California.

Plans by Engr. Dept. of Owner. Bids are being figured by a closed selected list of contractors.

BIDS WANTED

SAN FRANCISCO.—Until July 18, 10 A. M., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, under Bid No. 5732, for furnishing Douglas Fir and Redwood lumber; job Monterey County Warehouse. 7

CONTRACT AWARDED

ALAMEDA, Ala. Co., Calif.—Patterson Brothers, Builders' Exchange Bldg., Oakland, at \$1,825 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting and wood floors at the U. S. P. O. at Alameda.

Bids Wanted—To Close August 19.
POST OFFICE Est. Cost, \$75,000.
SEDRO WOLLEY, Skagit Co., Wash. United States Post Office.

Owner—U. S. Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

BIDS WANTED

SAN DIEGO, Calif.—Until July 26, 11 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. 8871, for construction of Aircraft Storehouse at the Naval Operating Base (Air Station), San Diego.

The storage building is one story, steel frame, approximately 121 feet wide and 305 feet long. The structure will have concrete footings, walls, foundations, and floor; structural steel trusses and frames; steel win-

dows and doors; vertical rolling steel doors; steel rolling doors on track; timber roof deck with built-up roofing; corrugated asbestos siding; hanging gutters; downspouts; electrical, plumbing, and drainage systems.

Plans and specifications may be obtained from the above office upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks. 7

8— CLUB BUILDINGS

Sub-Contracts Awarded
CLUB BLDG. Cont. Pr., \$12,389
REDLANDS, San Bernardino County, Calif. Olive Avenue.

New York, C. A. Activities Building of frame and stucco construction, maple floors, Celotex ceilings, wood shingle roof, plumbing, heating, painting, electrical. Owner—Y. W. C. A. (Mrs. W. H. Blodget, Pres.)

Architect—Not Given.
Contractor—L. P. Scherer, P. O. Box 423, Redlands Theatre Building, Redlands.

Plumbing—Sanitary Plng. Co., 205 E. State Street.

Brick and Stone, Foundations, Concrete—Luther W. Gist, 316 East Olive Avenue.

Lumber—Dill, Fox - Woodsum, and Patten-Bliun Lumber Companies.
Mill Work—Fletcher Planing Mill, Fifth and Stuart Sts.
All of Redlands.

Plans Being Re-Figured—Bids Close July 19, 10 A.M.

ELKS HALL Est. Cost, \$25,000
OROVILLE, Butte Co., Calif. 1445 Myers St.

Alterations and additions to Sandler Bldg., to accommodate new Elks Hall (widening of building 10 ft., addition of second floor, complete remodeling).

Owner—Oroville Elks Hall Association, W. T. Baldwin, Pres.
Architect—Marshall A. Dean, 2104 Addison St., Berkeley.

Separate bids are being received for (1) general work and (2) heating, ventilating and water well.

Plans are being figured by the following selected list of contractors:
Milo Strand, Box 93, Oroville.
Taber & Higgins, P. O. Box 708, Oroville.

J. C. Lee, P. O. Box 63, Quincy.
Howard Ross, Box 941, Nevada City.

A. T. Beckett, 224 Scenic Ave., Piedmont.

Bids received previously were rejected as too high.

9— HOSPITALS

Completing Working Drawings
ALTERATIONS Cost, \$5,000
OAKLAND, Ala. Co., Calif., 19th and Franklin Sts.

Alterations to hotel including installation of ball room.

Owner—Leamington Hotel, Inc.
Architect—Harry A. Thomsen, Jr., successor to Geo. W. Kelham, 315 Montgomery St., San Francisco.

Contractor—Dinwiddie Construction Co., 210 Crocker Bldg., S. F.

CONTRACT AWARDED

OCEANSIDE, San Diego Co., Cal.—Pozzo Construction Co., 2403 Riverside Dr., L. A., awarded general contract for a 2-story, 35-bed, class B reinf. concrete sanatorium (36 x 188) to be built in Oceanside for the Rosicrucian Fellowship. J. Herman Co., 1349 E. Vernon Ave., L. A., awarded

contract for htg. and cent. The bldg. will contain men's and women's hydrotherapy dept., physiotherapy dept. and medical gym. Gable & Wyant, architects, 3723 Wilshire Blvd., L. A. Harold P. King, engineer; Ralph E. Phillips, mech. engineer.

10—HOTELS

Preparing Working Drawings
BUNGALOW COURT Cost, \$.....
 MILL VALLEY, Marin Co., Cal.
 One-story frame and stucco bungalow court to contain 8 to 10 units.

Owner—Withheld.
 Architect—Conrad T. Kett, 519 California St., San Francisco.

12—POWER PLANTS

BIDS WANTED
BRAWLEY, Imperial Co., Calif.—Until July 28, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, Calif., for installing station switchboards and furnishing and erecting switching structures in the District's Diesel Power Plant at Brawley and at various city and rural substation sites within the Imperial Valley, all in accordance with plans and specification No. 11 on file at the office of the board of directors, El Centro, copies of which may be obtained upon deposit of \$10 per set, returnable. M. J. Dowd, Imperial, is the Chief Engineer. Certified or cashier's check or bid bond for 5% must accompany each proposal. The principal items of work are:

Installation of 11 panel switchboard and all station wiring in the Brawley Diesel Plant and extensions.

Furnishing and erecting fabricated-steel switching structures and installation of equipment in the Brawley (7500-kva) and the El Centro (5000-kva) substations.

Furnishing and erecting pipe frame-work switching structures and installation of equipment in Calexico (150-kva), Holtville (1800-kva), Imperial (750-kva), and Calipatria (1050-kva) substations.

Installation of equipment and completion of wood-pole structures in seven small substations (1-600-kva and 6-300-kva).

This work is to be financed from funds allocated by the PWA under loan and grant, PWA Docket No. Calif. 1068-D), and the award of contract will be contingent upon securing funds from such source. W. W. Goodson, secretary.

**13—PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

Contract Awarded
 Cont. Pr., \$14,948

INSPECTION STA.
 NEVADA CO., Calif. Near Truckee. Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work consists of moving two existing sheds to new location, remodeling same and constructing an addition. Work also includes construction of fence and necessary paving of approaches and curbs).

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Contractor—Robert McCarthy, 1363 14th Ave., S. F.
 (400) 1st rep. June 15; 2nd, July 6, 1938.

NOTICE OF SALE
 SAN FRANCISCO.—Director of Property, Joseph J. Phillips, will sell at public auction July 19, on the premises those city owned bldgs. located at 239 Day St., at 9:30 A. M., and 1518 Oawdale Ave., at 10:15 A. M.

BIDS WANTED
 SAN LUIS OBISPO, Calif.—Until August 1, 3 P. M., bids will be received by the County of San Luis Obispo, Gavin Marshall County Clerk, for remodeling a portion of the San Luis Obispo County Jail.
 Plans and specifications prepared by Architect Theo. M. Maino and are now on file with the County Clerk.
 Cash or certified check of 10% of bid must accompany bid.

BIDS WANTED
 YERBA BUENA SHOALS, Calif.—Until July 29, 2 P.M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for plumbing, heating and ventilating for the California State Building.

Work includes the furnishing and installing of all rough and finish plumbing with the necessary fixtures; all fixtures and services for the complete plenum fan heating and ventilating system; and all sheet metal work not covered by the contract for general construction.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Sts., Sacto., and at the office of the Builders Exchange in San Francisco and Oakland.

BIDS WANTED
 YERBA BUENA SHOALS, Calif.—Until July 29, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission, for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for electrical work for the California State Building. Work will include the furnishing and installing of all wiring, switches and light-control equipment.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacto., and at the office of the Builders' Exchange in San Francisco and in Oakland.

CONTRACT AWARDED
 YERBA BUENA SHOALS, Calif.—G. H. Armstrong Electric Co., 1388 Van Ness So., San Francisco, at \$6,499 awarded contract by the Dept. of Public Works office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for electrical work for the following buildings and appurtenances: San Francisco Bldg.; Main Entrance to California Court.

BID OPENED
 SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$238 submitted only bid to the Dept. of Public Works, City Hall, for acoustical treatment of Room 489, City Hall.

Contracts Awarded
WARD BLDGS.
 SPADRA, Los Angeles Co., Calif. Pacific Colony.

Erection and completion of Units 16, 18 and 20 of five ward buildings, consisting of three one-story reinforced concrete buildings with hollow tile partitions; steel sash and clay tile roof covering.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

General Work
 John Strona, Panama, \$218,470.
 Heating and Ventilating
 Consolidated Heating and Ventilating Co., 1709 W. 8th St., Los Angeles, \$15,968.

Electric Work
 Vancott Co., 5024 W. Washington Blvd., L.A., \$6,547.

Plumbing
 Kenneth Fraser, 1452 N. Lake Ave., Pasadena, \$12,992.

Contract Awarded
 Cont. Pr., \$14,840
SCULPTURAL MODELS Cost, \$.....
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Modeling, enlarging and casting of Sculptural Models, North Square and South Courts and South Garden. Contract No. 155.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Henry Gregoire, 355 12th St., San Francisco.

Planned
EXHIBIT BLDG. Cost, \$.....
 YERBA BUENA SHOALS. Site of 1939 World's Fair.

Exhibit Bldg., known as Temple of Religion and Tower of Peace.
 Owner—Temple of Religion and Tower of Peace, Inc., William Unmack, managing director, 240 Montgomery St., S. F.
 Architect—Not known.

Plans are now being prepared and details of construction will be announced within the next few weeks.

BIDS OPENED
 YERBA BUENA SHOALS, Calif.—G. H. Armstrong Electric Co., 1388 Van Ness So., San Francisco, at \$6,499 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building for electrical work for the following buildings and appurtenances: San Francisco Bldg.; Main Entrance to California Court.

Complete bids were:
 G. H. Armstrong Electric Co., \$6,499.
 H. C. Reid & Co., \$7,140.
 Central Electric Co., \$7,185.
 George F. Brayer, \$7,249.
 Spencer Electric Co., \$7,426.
 Abbett Electric Co., \$7,444.
 Severin Electric Co., \$7,590.

CONTRACT AWARDED
 GRASS VALLEY, Nevada Co., Cal.—Paul I. Jenks, Rt. 2, Grass Valley, awarded contract by the Board of Supervisors of the County of Nevada, R. N. McCormack, Clerk, for repairs to roof trusses in the Vets' Memorial Building in Grass Valley.

Contract Awarded
INSPECTION ST. Cont. Pr., \$13,932
SISKIYOU COUNTY, Cal. Near Dorris.

Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work also includes drilling of a well, construction of a fence and paving approaches and curbs).

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Contractor—Victor L. and Wm. E. Jacobson, 3338 Madera Ave., L. A.

Contract Awarded
COTTAGES
ELDRIDGE, Sonoma Co., Calif. Sonoma State Home.

Erection and completion of Units 1 and 2 of four cottages for patients at Sonoma State Home; cottages are to be 1-story reinf. concrete bldgs. with hollow tile partitions, steel sash, wood roof construction and shingle tile roof, together with steam service conduit, manholes, wire fencing, yard paving, road work, pump house and footbridge.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

General Work
Azevedo Const. Co., 920 O St., Sacramento, \$143,289.

Heating Work
James A. Nelson, Inc., 1375 Howard St., S. F., \$18,365.

Plumbing Work
James A. Nelson, Inc., 1375 Howard St., S. F., \$13,280.

Electric Work
Norman A. Russell, 822 College Ave., Santa Rosa, \$6,783.

Plans Being Figured—Bids Close July 21, 2:30 P. M.

EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

One-story frame building to house complete exhibit of chocolate manufacturing process from raw state to finished product.

Owner—D. Ghirardelli Co., 900 North Point, S. F.

Architect—Virgil W. Jorgensen and Bakewell & Welke, Associate Architects, 251 Kearny St., S. F.

Plans are being figured by the following selected list of contractors:
Barrett & Hilp, 918 Harrison St., S. F.

K. E. Parker Co., 135 S. Park, S. F.
H. H. Larsen Company, 63 S. Park, S. F.

E. J. Walker Company, 607 Sharon Bldg., S. F.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., S. F.

Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., S. F.

Miller Construction Co., 3917 Mission St., S. F.
H. Deuprey, 2333 Rose St., Berkeley.

Chas. Stockholm & Sons, 235 Montgomery St., S. F.

Contract Awarded Cont. Pr., \$133,700

WESTERN STATES BUILDING
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Complete construction of the Western States Building; Contract No. 168. One-story frame building (400x300 feet) surrounding center court (140x120 ft.) with auditorium in one wing to seat 800 and floor space to accommodate exhibits from the eleven Western States; some tile and some com-

position roofing.

Owner—S. F. Bay Exposition So., Inc. (L. W. Cutter, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., S. F.

Bids Wanted—To Close August 9, 2 P. M.

NURSERY WARD Cost, \$.....
SPADRA, Los Angeles Co., Calif., Pacific Colony.

One and two-story reinforced concrete nursery ward building with hollow tile partitions, steel sash and clay tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th & N Sts., Sacto.

Separate bids will be received as follows: (1) general work (2) heating and ventilating work (3) plumbing work (4) electric work.

Plans and specifications obtainable from the State Architect's Office upon deposit of \$25, returnable.

HOUSE SOLD

BERKELEY, Cal.—Jos. D. Ballinger & Co., 1076 34th St., Oakland, will pay \$100 to the Berkeley Board of Education for wrecking on the premises, that city-owned double flat and garage building located at 24-34-36 Derby St., Berkeley. 13

Bids Wanted—To Close August 3, 2 P. M.

INSPECTION BLDG. Cost, \$.....
ALAMEDA COUNTY, Calif.

Construction in accordance with the specifications of the inspection buildings of the railway facilities of the San Francisco-Oakland Bay Bridge; contract R-8.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th & N Sts., Sacto.

Work involves:

- (1) 10 cu. yds. of conc.
 - (2) 1,500 lbs. reinf. steel.
 - (3) 25 M ft. ar. measure timber untreated.
 - (4) 5 M ft. board measure timber crosstred.
 - (5) 660,000 lbs. struc steel.
 - (6) Corrugate asbestos roofing and siding lump sum.
 - (7) Steel windows, lump sum.
 - (8) Finish carpentry, lump sum.
 - (9) Roofing, lump sum.
 - (10) Glass and glazing, lump sum.
 - (11) Mastipave flooring, lump sum.
 - (12) Painting, lump sum.
 - (13) Finish hardware, lump sum.
 - (14) Plumbing, lump sum.
 - (15) Electrical work, lump sum.
 - (16) Sheet metal, lump sum.
 - (17) Metal partitions, lump sum.
 - (18) Lathing and plastering, lump sum.
 - (20) General cleaning, lump sum.
- Plans and specifications will be available shortly at the office of the San Francisco-Oakland Bridge Company, Room 811, 500 Sansome St., S. F., upon deposit of \$50. • 13

BIDS OPENED

IMOLA, Napa Co., Calif.—Walter S. Leland Co., Walnut Creek, at \$3,237, submitted low bid to State Architect, Geo. B. McDougall, Public Works Bldg., 12th and N Sts., Sacto., for installation of gas burner and automatic combustion control at Napa Hospital.

Only other bid submitted by E. A. Cornely, Inc., S. F., at \$3,395.29. • 13

Bids Wanted—To Close August 2,

2 P. M.
ELEVATOR Cost, \$.....
SACRAMENTO. State Capitol. Installation of new elevator in State Capitol.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12 & N Sts., Sacto.

Plans and specifications obtainable from the state architects office.

Preparing Preliminary Plans
CITY HALL Cost, \$25,000
GUSTINE, Merced Co., Calif.

Wood frame and stucco city hall.
Owner—City of Gustine.
Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Application filed for PWA grant to aid in financing.

14— RESIDENCE

Preparing Plans
RESIDENCES Cost, \$.....
SAN FRANCISCO. Sweeney St.

Eight one-story frame and stucco residences (5 rooms each).
Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St.

Plans Being Figured—Bids Close July 22, 4 P. M.

RESIDENCE Cost, \$.....
PIEDMONT, Ala. Co., Calif., Saint James Wood.

Two-story frame and stucco residence; hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—Miller & Warneck, 1700 Financial Center Bldg., Oakland.

Plans are being figured by the following selected list of contractors:
T. O. Reese, 618 Victoria St., San Leandro.

Carl E. Joseph, 2604 Humboldt Ave., Oakland.

Jensen and Pedersen, 3443 Adeline St., Oakland.

Albert A. Haskell, 255 Ridgeway Ave., Oakland.

W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.

Olaf Petersen, 3626 Rhoda Ave., Oakland.

D. W. Nicholson, 357 12th St., Oakland.

V. E. Sigge, 3912 Linwood Ave., Oakland.

Plans Being Figured—Bids Close July 23, 10 A. M.

DUPLEX Cost, \$.....
SACRAMENTO, Calif.

Frame and stucco duplex residence.

Owner—Mrs. Josephine Rolufs, c/o Architect.

Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Plans are being figured by the following selected list of contractors:
C. E. De Cuir, 2739 Marshall St. N. H. Lund, 2241 9th Ave.

L. L. Watson, 1768 11th Ave.
Fred Engberg, Rt. 5, Box 2114.

Charles F. Unger, 2426 7th Ave. All of Sacramento.

Completing Plans
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.

Two-story brick residence (hardwood floors, tile baths, etc.).

Owner—F. C. Sample, c/o Architect.
Architect—Edward W. Kress, 516 National Bank Bldg., San Jose.

Bids will be asked shortly.

Preliminary Plans Completed
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.

Two-story brick plaster and rustic residence (9 rooms, 4 baths), three car garage, swimming pool, sunken garden, barbecue pit, fire-

places, hot air oil burning heating system, plank oak floors, flagstone walks, gravel driveway, clay shingle roof.

Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Plans Being Figured
RESIDENCE Cost, \$8,000
SAN RAFAEL, Marin Co., Calif. J and Fourth Streets.

One-story frame provincial French residence (two baths) roof shake, hardwood floors, wood sash, etc.

Owner—John Morton, San Rafael
Architect—H. H. Winner, Wordsworth Ave., Ross.

Plans are being figured by a selected list of contractors.

Plans Completed
RESIDENCE Cost, \$5,000
SAN FRANCISCO, 32nd Avenue 125 South of Rivera Street.

One-story frame and stucco residence (5 rooms) hardwood floors tile bath, wood sash, etc.

Owner—Stanley Cowen, 924 Taraval.
Architect—D. E. Jaekle, 126 Post St. 14

Preparing Plans
RESIDENCES Cost, \$6, to \$7,000 ea.
SAN FRANCISCO, Argonne Tract.
Two 5-room and basement frame and stucco residences and one six-room frame residence (hardwood floors, tile baths, etc.)

Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny Street.

Contract Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO.

Two-story frame and wood exterior residence.

Owner—George Eastman.
Architect—John E. Dinwiddie, 360 Pine Street.

Contractor—C. Lindberg, 1 Naylor St.

Preparing Working Drawings
RESIDENCE Cost, \$.....
SAN FRANCISCO, Forest Hill.

One-story frame and stucco residence (6 rooms) hardwood floors, tile baths, wood sash, warm air heating system, tile roof, etc.

Owner—Withheld.
Architect—E. H. Denke, 1317 Hyde.

Completing Preliminary Plans
RESIDENCE Cost, \$.....
SAN FRANCISCO, Telegraph Hill.

Three-story frame and stucco residence (9 rooms, 4 baths), steel sash, etc.

Owner—Withheld.
Architect—Richard J. Neutra, 251 Kearny St.

Contract Awarded
RESIDENCE Cont. price, \$9,753
SAN FRANCISCO.

Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.

Owner—Herbert G. Blum.
Architect—Harold G. Stoner, 251 Kearny St.

Contractor—Stuart Foster, 28 Harry Street.

Bids In—Held Under Adjudgment.
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif. Glendale Road.

Two-story stucco and rustic residence (8 rooms, 3 baths) shingle roof, forced air heating system, hardwood floors, tile baths, garage.

Owner—I. A. Wade, c/o Architect.
Architect—Angus McSweeney, 604 Mission St., San Francisco. *

Owner Taking Bids
RESIDENCE Est. Cost, \$6,500
BURLINGAME, San Mateo Co., Cal. —Lot 2, Blk. 23.

Two-story Monterey type residence, hardwood floors, linoleum baths, wood shake roof, wood exterior, wood sash, etc.

Owner—H. G. Nelson.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed
RESIDENCES Cost, \$.....
SAN FRANCISCO, Sunset District, 25th Ave.

Eight one-story frame & stucco residences (5 rooms ea.) hardwood floors, tile baths, wood sash, etc.

Owner & Builder—Standard Bldg. Co., 1500 Judah St.

Architect—D. E. Jaekle, 126 Post St. 14

Contract Awarded
COTTAGES Cost, \$.....
MENDOTA, Fresno County, Calif.

Construction of two cottages (Mendota and Schindler Substations).

Owner—San Joaquin Light & Power Corp., Fresno.

Plans by Engr. Dept. of Owner.
Contractor—Joe LoForti, 25 Fresno St., Fresno. 14

Sub-Contracts Awarded
RESIDENCE Cont. Pr., \$39,500
SAN FRANCISCO, NE Clay and Locust Sts.

Two-story and basement frame residence.

Owner—R. P. Bullard, 249 Cherry St.
Architect—William W. Wurster, 245 California St.

Engineer—A. V. Saph, Jr., Rialto Bldg.

Contractor—Frank S. Marshall, 909 Ashbury St.

Roofing—Alta Roofing Co., 976 Indiana St.

Plumbing—E. Sugarman, 3624 Geary St.

Elec. Wiring—Aetna Electric Co., 1435 Eddy St.

Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.

Sheet Metal—J. Delucchi, 1626 Powell St.

Tile Work—Art Tile and Mantel Co., 221 Oak St.

Glass—Cobbledick-Kibbe Glass Co., Washington at 3rd St., Oakland.

Hardwood Floors—Inland Floor Co., 600 Alabama St.

Iron Grille Work—Kern Iron Works, 517 6th St.

Brick & Stone Work—Wm. Heldenreich, 1250 10th Ave.

Grading—Devincenzi Bros. & Co., 150 Collins St.

Foundations and Concrete—D. O'Conor & Sons, 1367 25th Ave.

Lumber—Sudden Lumber Co., 1680 Evans St.

Mill Work—Lannon Bros. Mfg. Co., 5th & Magnolia St., Oakland.

Painting—Gurnette & Chandler, 703 Market St.

Lathing & Plastering—Leonard Bosch, 167 5th St.

All of San Francisco, unless otherwise noted. 14

Contract Awarded
RESIDENCE Cost \$.....
SAN MATEO PARK, San Mateo Co., Calif.

Two-story frame and stucco residence; hardwood floors, tile baths, shingle roof, steel sash, forced air heating system, etc.

Owner—W. Spott Boyd, c/o Archt. Architect—Angus McSweeney, 604 Mission St., San Francisco.

Contractor—Geo. Arthur & Sons, 941 S. Claremont, San Mateo.

Plans Being Figured
BUNGALOWS Cost, \$.....
BURLINGAME, San Mateo Co., Cal., Iorbunda Ave.

Two 5-room bungalows and three car garage with two one-room apts.; oak floors, linoleum in kitchen, tile baths, exterior rustic, roof shingles, gas fired heat-

Plans Being Figured—Bids Close July 20.
DUPLEX Cost, \$.....
SAN MATEO, Calif., Cor. Prospect Rd. & St. John's Court.

One-story rustic and brick duplex residence containing one 5-rm. and on 4-rm. apts.; gas hot air heating, oak floors, split shingle roof, fireplaces, etc.

Owner—Withheld.
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Plans are being figured by a selected list of contractors.

Preparing Plans
RESIDENCE Cost \$16,000.
SAN FRANCISCO, Golden Gate Heights.

One-story frame and stucco residence (5 rooms), hardwood floors, wood sash, tile bath, etc.

Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Contract Awarded
RESIDENCE Cost \$16,000.
PALO ALTO, Santa Clara Co., Calif., 160 Martin Ave.

One-story frame & stucco residence; garage and storeroom.

Owner—S. J. Pentler, 2133 Webster St.
Architect—Not given.

Contractor—Phillip Darr, 131 Park Blvd. 14

Contract Awarded
RESIDENCE Cost, \$.....
SACRAMENTO, Calif.

One-story frame, brick and wood siding residence (8 rooms) hardwood floors, tile baths, wood cash, etc.

Owner—Chas. H. Dazies, c/o Arch. Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

Contractor—C. E. De Cuir, 2739 Marshall St.

(6218) 1st rep. June 28, 1938. 14

Sub-Contracts Awarded
RESIDENCE Cost, \$5,400
WATSONVILLE, Santa Cruz County.

One-story frame and wood siding residence (5 rooms) central heating system, wood shingle roof.

Owner—Waldo B. Maher.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

Plumbing and Sheet Metal—P. J. Friermuth Co., 247 Main Street.

Electric Wiring—Just-Rite Elec. Co. 311 Van Ness St.

Heating—Coast Counties Gas & Elec. Co., 5th and Main Streets.

Tile Work—Coast Tile Co., Santa Cruz.

Hardwood Floors—Finn Hdw. Floor Co., Salinas.

Brick and Stone Work—E. J. Scholz, 141 Sudden St.

Grading, Foundations and Concrete—Granite Const. Co., Ltd., Beach Road.

Lumber and Mill Work—Hammond Lbr. Co. and Planing Mill, Walker and Kearney Sts.

Painting—Wm. Reid, 15 3rd St.

Lathing and Plastering—Watsonville Plastering Co., 131-A Wall St.

Linoleum—California Furniture Co., 101 Third St.

All of Watsonville unless otherwise noted.

ing system, etc.

Owner—Withheld.

Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Plans are being figured by a selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$10,000
STOCKTON, San Joaquin Co., Calif.,
2626 Westminister Ave.

Two-story frame and brick veneer residence (7 rooms) steel sash, hardwood floors, tile baths, etc. Owner—R. B. Oullahan, 945 N Commerce St.

Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—E. Merio, Rt. 2, Box 5, Stockton. * 14

New Taking Sub-Bids
RESIDENCE Cost, \$.....
SAN FRANCISCO. Visitation Valley One-story frame residence. Owner—Withheld.
Architect—Conrad T. Kett, 519 California St.
The architect is now taking sub-bids.

Sub-Contracts Awarded
RESIDENCE Cont. Pr., \$9,600
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, hardwood floors, steel sash, linoleum floors in bathroom. Owner—Withheld.

Architect—Marshall Dean and John Hudspeth, Marshall Dean, Architect, 2104 Addison St., Berkeley.
Contractor—James Bitcon, 628 Louisiana St., Vallejo.

Plumbing—Hubert Moore, 718 Sonoma St.
Electric Wiring—Ed Pierce Electric Co., 342 Virginia St.
Heating & Sheet Metal—Modern Steel Metal Wks., 1608 Sonoma St.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Glass, Steel Sash, & Roller Screens—Fenestra Steel Sash Co.
Lumber—Vallejo Lumber Co., P. O. Box 815.

Mill Work—Jaekle's Planing Mill, Napa.

Painting—Barnewitz Decorating and Painting Co., 621 Marin St.
Lathing & Plastering—Harry L. Cook & Son, Rt. 1, Box 2950.

Concrete—J. K. Moore Co., Inc., 515 El Dorado St.

Venetian Blinds and Linoleum—United Floor Covering Co.
All of Vallejo, unless otherwise noted.

Low Bidder
RESIDENCE Cost, \$.....
VALLEJO, Solano Co., Calif.
Two-story frame and wood residence; hdwood, floors, tile baths, shake roof, central heating system, wood sash, etc.

Owner—Withheld.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Low Bidder—Chas. Marietti, 1201 Stannage St., Berkeley.

15—SCHOOLS

Contract Awarded
Cont. Price \$22,783.
AGRICULT. BLDG.
VISALIA, Tulare Co., Cal.
One-story reinforced concrete and steel agricultural building.
Owner—Visalia Union High School District, Visalia.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—T. C. & W. H. Irwin, 908 Mildreda St., Fresno.

Contract price includes addition of all alternates.

Three low basic bids were:
T. C. & W. H. Irwin, Fresno, \$19,940.

L. H. Hansen & Sons, Fresno, \$20,241.

R. W. Brown Const. Co., Madera, \$20,561.

Preparing Plans
ADDITON, Est. cost \$150,000.
OILDALE, Kern Co., Cal.
New unit to be added to the grammar school to contain classrms, manual training dept, and a cafeteria.

Owner—Standard School District.
Architect—Chas. H. Biggar, 554 Haberleide Bldg., Bakersfield.
PWA has approved a \$72,000 grant for the project.

BIDS WANTED
TORRANCE, L. A. Co., Cal.—Until July 28, 2 P. M., bids will be received by the L. A. Board of Educ., 1425 San Pedro St., for the completion of the constr. of assembly hall at Torrance high school. Carson and Watson Sts., Torrance. Separate bids will be taken on the general work, plbg., htg. and vent., ptg. and elec wiring. * 15

Funds Allotted
SCHOOL BLDG. Cost \$43,240
OROVILLE, Butte Co., Calif.
Construction of one-story high school building.
Owner—Oroville High School District.
Architect—N. W. Sexton, 1602 De Young Bldg., San Francisco.

PWA grant of \$19,458 allotted.
Bids Wanted—To Close August 3, 11 A. M.

LABORATORY BLDG.
DAVIS, Yolo Co., Calif.
Construction of an Enology Bldg. on the campus of the Branch of the College of Agriculture.
Owner—Regents of the University of California, Berkeley.

Plans by Engr. Dept. of Grounds & Building Dept.
Separate bids will be received for (1) general construction (2) heating and plumbing (3) electrical work (4) refrigeration and/or insulation (5) hydraulic lift and dumbwaiter.

A deposit of \$50 is required for general construction plans and specifications; \$25.00 for all others and may be obtained at the office of the Comptroller, University Farm, Davis, or Cashier's window, California Hall, University of California, Berkeley, Calif. * 15

BIDS WANTED
SAN FRANCISCO.—Until July 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for alterations to Classroom at Girls' High School, Scott and Geary Sts., Est. cost, \$24,000. Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall. * 15

BIDS WANTED
DINUBA, Tulare Co., Calif.—Until July 20, 12 noon, bids will be received by the Dinuba Joint Union High School District, W. J. Liebau, Clerk, for furnishing and installing of Auditorium Seating, Stage Equipment and Stage Draping, Fire Curtain Motion Picture Screen, Vibrating Cyclorama, Window Drapes, Portable Stage Equipment and Temperature Control System, to be installed in the Dinuba Joint Union High School Building, Dinuba.
Plans and specifications may be obtained at the office of the Clerk in Science Building, at the high school, upon deposit of \$10, returnable. * 15

Bids will be opened and publicly read at or about 7:30 p.m., July 20, in the clerks office. * 15

Plans Approved
SCHOOL ADDN. Est. Cost, \$50,000
AVENAL, Kings Co., Calif. Avenal Branch of Lemoore High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Plans have been approved by State Division of Architecture and bids will be asked shortly.

Contract Awarded
Cont. Price \$7,339.75
ART ROOM
EXETER, Tulare Co., Calif. Exeter High School.
One-story frame art room.
Owner—Exeter Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Contractor—Smith & Whitney, Exeter.

Total bids were:
Smith & Whitney, Exeter, \$7,339.75.
D. A. Graham, \$7,790.
Erickson & House, \$8,350.
T. C. & W. H. Irwin, \$8,761.
L. H. Hansen & Sons, \$8,091.
Hodgson & Sons, \$7,880.
Frank O. Sheldon, \$7,490.

CONTRACT AWARDED
LOS ANGELES, Calif. — Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, awarded general contract by L. A. Board of Education at \$46,900, for a building for handicapped children to be built at the John H. Frances Polytechnic high school, 400 W. Washington Blvd. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. * 15

CONTRACT AWARDED
WILMINGTON, Los Angeles Co., Cal.—H. B. Nicholson, 438 Chamber of Commerce Bldg., Los Angeles was awarded contract by Los Angeles Board of Education at \$30,846, for strengthening and reconstructing of firewalls of the main building at the Phineas Banning high school, 1500 Avalon Boulevard, Wilmington. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. * 15

LOW BIDDER
LOS ANGELES, Cal.—E. C. Nesser, 4822 W. Jefferson, Los Angeles, submitted low general contract bid to Los Angeles Board of Education at \$41,420, for completion of construction of the classroom building at Manual Arts high school, 4131 South Vermont Ave. John and Donald E. Parkin, architects, 434 Title Insurance Bldg. * 15

Preliminary Plans Completed
AUDITORIUM Cost, \$100,000
PATTERSON, Stanislaus Co., Calif.
Reinforced concrete auditorium and gymnasium building.
Owner—Patterson Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
Application filed for PWA grant to aid in financing.

ALTERATIONS Cost, \$22,000
STOCKTON, San Joaquin Co., Calif., 3601 Pacific Ave.
Remodel building to install library.
Owner—College of the Pacific.
Architect—Howard G. Bissell, 1225 W. Acasis St.
Contractor—Shepherd & Green, 805 Bank America Bldg.

Funds Allotted
SCHOOL ADDITION Cost, \$125,000
TAFT, Kern Co., Calif.
 Reinforced concrete high school and Junior College addition to contain classrooms, dining room and domestic science room.
Owner—Taft Union High School District.
Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
 PWA grant approved; bids will be called in about three weeks.

Preliminary Plans Prepared
SCHOOL Est. cost, \$325,000
NEWMAN, Stanislaus Co., Calif.
 School buildings consisting of classrooms, auditorium, gym, domestic science and shop bldgs.
Owner—Orestimba Union High School District.
Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
 Application file for PWA grant to assist in financing. Present building on site completed.

CONTRACT AWARDED
LOS ANGELES, Calif.—John C. Blumstein, P. O. Box 7, Garden Grove, awarded contract, subject to PWA approval, by the Santa Paula Union High School District, at \$62,000 (base bid), for constr. of an auditorium bldg. at Santa Paula High School. Frederick Kennedy, Jr., architect, 1041 E. Green St., Pasadena. 15

Funds Allotted
HIGH SCHOOL Cost, \$227,000
SACRAMENTO CO., Cal., about 15 miles northeast of Sacramento.
San Juan High School.
 High school plant to contain twelve classrooms, gymnasium, auditorium, agricultural shop, cafeteria, dramatic arts room, administration offices, and boiler room.
Owner—San Juan Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 PWA grant of \$102,375 allotted, which, together with bonds voted recently in the amount of \$125,000 will finance construction. 15

Bids Opened
LIGHTING SYSTEM
SAN LUIS OBISPO, Cal. California Polytechnic School.
 Erection and completion of football field lighting system, consisting of wood poles, enclosed floodlights and underground wiring both primary and secondary.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Low Bidder—Collins Electrical Co., 708 E. Market St., Stockton, \$6,913.
 Complete bids follow:
 Collins Electrical Co., \$6,913.
 Shamel Electric Co., L. A., \$6,925.
 Chandler Electric Co., L. A., \$7,252.
 A. R. Ochs, San Luis Obispo, \$7,498.
 American Electric Co., S. F., \$7,777.71.
 Newberry Electric Corp., L. A., \$7,781.
 California Electric Co., Santa Barbara, \$7,976.
 Vancott Co., L. A., \$7,979.
 Bennett and Taylor, L. A., \$7,980.35.
 Chas. Electric Shop, San Luis Obispo, \$8,227.
 Scott Buttner Co., Oak., \$8,248.
 Roy M. Butcher, San Jose, \$8,349.
 T. L. Rosenberg, Oakland, \$8,950.
 Rexroth and Rexroth, Bakersfield, \$9,240.
 Underground Const. Co., Berkeley, \$9,536.
 Luppen and Hawley, Sacto., \$9,591.

Bond Election
SCHOOL Est. Cost, \$75,000
HALF MOON BAY, San Mateo Co., Calif.
 Frame and reinforced concrete elementary school building.
Owner—Half Moon Bay High School District.
Architect—Thomas M. Edwards, 9 Geary St., San Francisco.
 The school district will vote August 9 on a proposal to issue bonds in the amount of 55% of estimated cost, proceeds to finance construction.

Funds Allotted
GYMNASIUM Est. Cost, \$27,000
EAST NICOLAUS, Sutter Co., Calif.
 One-story frame and stucco gymnasium.
Owner—Sutter Union High School District.
Architect—Charles F. Dean, California State Life Bldg., Sacto.
 PWA grant allotted of 45% of estimated cost.

CONTRACT AWARDED
LOS ANGELES, Calif.—E. C. Nesser, 4822 W. Jefferson Blvd., L. A., awarded general contract by L. A. Board of Education, at \$45,600, accepting alt. bid, for completion of constr. of the classroom bldg. at Manual Arts High School, 4131 S. Vermont Ave. John and Donald E. Parkinson, archts., 434 Title Insurance Bldg. 15

BIDS WANTED
OVERTON, Nev.—Until July 20, 11 A. M. bids will be received by the Board of Education, Educational District No. 1, Overton, Clark County, Nev., for alterations and improvements to present district and high school building and the construction of a separate gym building at Overton; also alterations and improvements to the present high school building and the construction of a separate gym building at Bunkerville. Plans and specifications may be obtained from Architect Miles E. Miller, 316 Felt Bldg., Salt Lake City, Utah, or from the school board in Overton upon deposit of \$10. The amount of money available for the work is \$90,000. 15

BIDS OPENED
SAN FRANCISCO.—Inlaid Floor Co., 600 Alabama St., at \$73 submitted low bid to the Dept. of Public Works, City Hall, for sanding floors at George Peabody School.
 Other bids were:
 Regal Floor Co., \$96.
 Apex Floor Service, \$175.50. 15

CONTRACT AWARDED
SAN FRANCISCO.—Ocean Shore Iron Works, 550 8th St., at \$340, awarded contract by the Dept. of Public Works, City Hall for repairs to boilers consisting of building up manholes, rolling tubes and repairing leaks at following schools:
 Commodore Sloat, Junipero Serra and Ocean Ave.; Grant School, Pacific and Baker Sts., and Raphael Weill School, Ellis and Buchanan. 15

Correction in Location.
JUNIOR COLLEGE ADDITIONS, SANTA ROSA, Sonoma Co., Calif.
 Est. Cost, \$300,000
 Addition of four units at the Junior College to contain administration offices, library, assembly hall and music rooms, agricultural depts. and shops.
Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 The school district will hold a special election, July 13, to vote on a proposal to issue bonds in amount of \$165,000, to aid in financing construction of additions.
 Application filed for PWA grant of \$135,000.
 (88) 1st rep. June 23, 1938. 15

Funds Asked
ADDITION Est. cost, \$21,272
YUBA COUNTY, Calif., about five miles east of Marysville.
 One-story frame and stucco addition to present grammar school to contain three classrooms and assembly hall.
Owner—Ella Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Application filed for PWA grant of 45% of estimated cost.

Bids Wanted—To Close July 22, 7:30 P. M.
ADDITION Est. cost, \$50,000
AVENAL, Kings Co., Calif. Avenal Branch of Lemoore High School.
 Construction of cafeteria addition to main school building and doubling size of present shop bldg.
Owner—Lemoore Union High School District.
Architect—H. H. Weeks, 593 Market St., San Francisco.
 Plans and specifications obtainable at the architect's office upon deposit of \$20.00.

Sub-Contracts Awarded.
PORTABLES Cont. Pr., \$15,124
OAKLAND, Alameda Co., Calif. 47th Ave. and Foothill Blvd.
 Construction of six portables and moving and altering ten portables at the Fremont High Sch.
Owner—Oakland School District.
Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.).
Contractor—John J. Tulloch, 335 8th St., Oakland.

Roofing & Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie St.
Plumbing—Carl T. Doell Co., 467 21st Street.
Electric Wiring—Matson Elec. Equipment Co., 4115 Broadway.
Glass—Sanders Glass Co., 315 11th St.
Iron Work—Frauneder Ornamental Iron Works, 335 8th St.
Lumber—Tilden Lumber Co., 400 High St.
Mill Work—Oakland Planing Mills Inc., 2nd and Washington, 1449
Painting—A. Mark Miller & Co., 1449 High St.
Blackboards—American Seating Co., 207 So. Van Ness, S. F.
 All of Oakland, unless otherwise noted.

CONTRACT AWARDED
TULARE CO., Cal.—R. Hodgson & Sons, 510 2nd St., Porterville, at \$3,900, awarded contract by the East Lynne School District, R. A. Hawthorne, Clerk, for the additions and alterations to school building for the above District.
 Plans by Architect John Paxton Perrine, 323 Bank of America Bldg., Visalia.
 Complete bids were:
 R. Hodgson & Son, Porterville, \$3,900.00.
 J. A. Anderson, Visalia, \$3964.00.
 C. A. Flowers, Tulare, \$4000.00.
 Elliott & Elliott, Bakersfield, \$4,940.00. 15

16—BANKS, STORES AND OFFICES

Plans Being Figured
ALTERATIONS Est. cost \$20,000
VALLEJO, Solano Co., Calif.
General alterations to present bank building.

Owner—Mechanics — Merchants National Bank of Vallejo.
Architect—H. H. Winner, Wordsworth Ave., Ross.

Plans are now being figured for general alterations only. Time for opening bids was indefinitely extended from July 1.

Plans are now being prepared for cabinet, marble & bronze work.

Contract Awarded
OFFICE BLDG.
EMERYVILLE, Ala. Co., Calif.
One-story reinforced concrete office bldg.

Owner—C. K. Williams.
Architect—W. G. Corlett, 1801 Bank of America Bldg., Oakland.
Contractor—H. J. Christensen Co., & W. E. Lyons Construction Co., 1955 Webster St., Oakland.

Plans Being Figured
ALTERATIONS
SAN FRANCISCO. Polk & California Streets.

Interior alterations to confectionery store.

Owner—Blum's Confectionery.
Architect—Douglas D. Stone, 381 Bush St.

Bid opening date extended indefinitely from July 8.

Plans being figured by selected list of contractors.

Contract Awarded
ADDITIONS Cost, \$.....
AVON, Contra Costa Co., Calif.
Additions to two personnel buildings at refinery.

Owner—Associated Oil Company.
Plans by Engr Dept. of Owner.
Contractor—Geo. Petersen, 1841 Bancroft Ave., San Leandro.

CONTRACT AWARDED
FRESNO, Calif.—Spencer & Reynolds, 3408 Broadway, Huntington Park, have been awarded general contract for int. alterations, and the General Fixture Co., 1683 Blake Ave., L. A., has the contract for fix. work for Cooper's Store, Fresno. Work includes cabinets, millwork, mirrors, glass, elec. lighting; est. cost \$25,000. Plans were prepared by Burke & Kober, 402 Architects' Bldg., L.A. 16

Preparing Plans
STORE & APTS. Est. Cost, \$15,000
DALY CITY, San Mateo Co., Calif.
Store and apartment building to contain three 3-room apts. and four stores.

Owner—Withheld.
Architect—Albert H. Larsen, 333 Keary St., San Francisco.

July 12, 1938
Preparing Working Drawings
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 2nd & Stevenson Streets.

Alterations to existing store in the Balboa Bldg.

Owner—Eugene N. Fritzt.
Architect—Conrad T. Kett, 519 California St.

Sub-Contracts Awarded
STORE BLDG. Cost, \$16,000
SAN FRANCISCO. West Van Ness Ave., South 48 N Plum.

One-story Class C store building.
Owner—Dempster Est., Clunie Bldg.
Architect—Not given.

Contractor—Cahill Bros., 206 Sansome Street.

Lumber—McCallum Lumber Co., 748 Bryant St.

Concrete—Readymix Concrete Co., Ltd., Carolina & Mariposa Sts.
Reinforcing Steel—Truscon Steel Co., 604 Mission St.

Placing Reinforcing Steel—J. Philip Murphy, 3901 Mission St.
Electric Wiring—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St.

Plumbing & Heating—H. Bertram, 726 Bryant St. 16

Add. Sub-Contracts Awarded
OFFICE, ETC. Cost, \$60,000
SAN FRANCISCO. S Howard Street 155 W Second Street.

Two-story Class B office building and warehouse.
Owner—Wm. Volker & Co., 333 Montgomery Street.

Architect—W. D. Peugh, 333 Montgomery Street.

Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.

Concrete—Readymix Concrete Co., Ltd., Carolina & Mariposa Sts.
Lumber—Loop Lumber Co., Central Basin.

Plumbing & Heating—Scott Co., Inc., 243 Minna St.

Sprinklers—Barnard Engineering Co., 142 9th St.

Electric Wiring—H. S. Tittle Co., 85 Columbia Square.

Elevators—Otis Elevator Co., 1 Beach St.

Misc. & Ornamental Iron—Star Ornamental Iron Wks., 227 Bay St.

Roofing—Alta Roofing Co., 976 Indiana St.

Sheet Metal—Guilfof Cornice Wks., 1234 Howard St.

Brick Work—H. E. Drake, 666 Mission St.

Terra Cotta—Gladding McBean & Co., Harrison & 9th Sts.

Painting—American Building Maintenance Co., 467 O'Farrell St.

Granite—California Cut Stone Wks., Railroad & Magnolia Ave.

Sub-Contracts Awarded
STORES Cost, \$.....

BURLINGAME, San Mateo Co., Calif., 1435 Burlingame Ave.

Four stores, Class C construction.
Owner—San Francisco Bank.

Architect—W. D. Peugh, 333 Montgomery St., S. F.

Contractor—Cahill Bros., 206 Sansome St., S. F.

Mill Work—San Mateo Planing Mill Co., Cor. 5th & Claremont, S. M.

Plumbing—A. H. Dittman, 1109 California Dr., Burlingame.

Electric Wiring—Mauser Electric Co., 260 Lorton Ave., Burlingame.

Sheet Metal—Garvey Sheet Metal Wks., 1206 Donnelly Ave., Burl.

Plastering—Peter Bradley, 639 Branman St., S. F. 16

CONTRACT AWARDED

RENO, Nev.—Sierra Construction Co., Gordonia Bldg., Reno, awarded contract for remodeling store bldg. in Reno for the F. W. Woolworth Co., Financial Center Bldg., San Francisco. The work will include ext. and int. improvements and installation of an air conditioning sys.; cost \$50,000. Plans by the owner's engr. dept. 16

17— THEATRES

RIVERSIDE, Calif. — Archt. — S. Charles Lee, 1648 Wiltshire Blvd., L.A. is completing revised plans and will take bids from a selected list of con-

tractors for a motion picture theatre, store and office bldg. to be built on the SW cor. of Market and 12th Sts., Riverside, for Hunt Theaters and Fox West Coast Theaters. It will be a 2-story, reinf. conc. class A struc., 115 x 158 ft. in area, seating capacity 1000. Est. cost, \$180,000. 17

18— WHARVES & DOCKS

BIDS WANTED
SAN DIEGO, Calif.—Until July 26, 11:00 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8876 for driving test piles for Fleet Moorings at the Naval Operating Base (Air Station), San Diego, Calif. Work includes driving of eight 70-foot long, untreated timber piles and the furnishing of equipment and labor and driving of eight test piles.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 18

19—MISC. CONSTRUCTION

CONTRACT AWARDED
TULARE COUNTY, CAL.—Chicago Bridge & Iron Co., 608 S Hill St., Los Angeles, has the contract for a 30,000-gal. water tank to be built at the migratory labor camp under construction near Farmerville, Tulare county, for the U. S. Dept. of Agriculture, Esler Wickholm, 3924 El Segunado Blvd., Hawthorne, is general contractor. 19

BIDS OPENED
LOS ANGELES, Calif. — Pacific Fence Constr. Co., at (1) \$47.67 and (2) \$108.82, submitted only bid to State Highway Dept., L. A. for installing fence along the north R/W of the Arroyo Seco Parkway between Prospect Ave. and Meridian Ave., South Pasadena, adjoining property of (1) Ruth Hamilton Hoyt and (2) W. Bernard Stevens, Rd. VII-LA-205-So. Pasa. 19

BIDS WANTED
SAN DIEGO, Calif.—Until July 26, 11:00 A. M. bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8872, for construction of a concrete bulkhead and timber ramp at the Naval Operating Base, San Diego, Calif.

Work consist of construction of (a) an inclined crossotated timber sea-plane runway 40 feet wide extending outboard over and into the water a distance of approximately 200 feet; and (b) sections of concrete bulkhead wall approximately 800 feet long. Work on runway includes stringers, deck planking, guard rails, etc., all secured together and to the timber piles with galv. straps, bolts, spikes and misc. iron work. Work on bulkhead wall includes untreated timber piles for foundation and concrete materials for superstructure.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 19

BIDS WANTED
PORTLAND, Oregon.—Until July 19, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-4, for constructing and delivering ready for service one work boat at Government

Moorings, 8010 NW St. Helens Road, Portland.

Plans and specifications may be obtained from the above office. • 19

BIDS OPENED

SAN FRANCISCO—Schrader Iron Works, Inc., 1247 Harrison Street, at \$376.00 awarded contract by the State Harbor Board for fabrication and installation of steel bumper on car ferry apron on Pier 43.

Complete bids were:

Schrader Iron Works.....	\$376.00
Joe Gerrick & Co.....	430.00
Herrick Iron Works.....	542.00
Western Iron Works.....	793.00
Star Ornamental Iron Works.....	\$21.00

BIDS WANTED

BONNEVILLE, Ore.—Until Aug. 10 bids will be received by Bonneville Administrator J. D. Ross, Portland, Ore., for furnishing wire for federal power lines in western Oregon and Washington, involving 1,500,000 lbs copper or aluminum high-voltage fire for a 36 mi. conductor to be constructed west from Bonneville Dam along the north bank of the Columbia River; a 220,000 volt twin circuit will connect Vancouver, a starting point for wires into Oregon through Portland and into Washington through Kelso and Aberdeen. The Vancouver line will contain 240 mi. of 3½ in. conductor.

CONTRACT AWARDED

WASHINGTON, D. C.—The U. S. Navy Department, Washington, D. C., has awarded and allotted following contracts for construction of submarines.

Mare Island Navy Yard, Calif., submarine 103.
Navy Yard Portsmouth, N. H., submarines 101 and 102.
Electric Boat Co., Gordon, Conn., submarine 198, 199 and 200 at \$3,067,000 each. • 19

CONTRACT AWARDED

CENTRAL VALLEY PROJ., Cal.—Heafey-Moore Co. and Fredrickson & Watson Construction Co., 344 High St., Oakland, at \$53,182.00 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 784, for the construction of a warehouse, concrete culvert, drainage channel and grading for a storage yard near Coram, Calif., Kennett division, Central Valley Project. • 19

Contract Awarded

STORAGE TANKS Cost, \$.....
SAN FRANCISCO, 430 Bush Street. Installation of two storage tanks in base of bldg., piping to gas exits, reinforcing concrete floor and electrical rearrangement on the power board.

Owner—Pacific Telephone and Telegraph Co., 444 Bush Street.
Plans by Engr. Dept. of Owner.
Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg., S.F. • 19

BOND ELECTION

SACRAMENTO, Calif.—The City of Sacramento will vote on a proposal August 2nd to vote bonds in the amount of \$1,037,000, which proceeds will be used in construction of the following: (1) Improvement of the Sacramento Municipal Airport; (2) improvement of the sewer system; (3) addition to Main Library Building; (4) improvement of the corporation yard; (5) improvement of water system; (6) Municipal Theatre public assembly and convention hall; and (7) improvement to the E. B. Crocker Art Gallery. • 20

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Calif.—Consolidated Rock Prod., Blue Diamond Corp., John D. Gregg and City Rock Co., bidding jointly, at \$140 cu. yd., total \$121,800, disc. 20c yd., 20 days, were awarded contract by U. S. Engineer, L. A., for 57,000 cu. yds. coarse aggreg. and 30,000 cu. yds. sand. Invit 1. Other bids were:
Graham Bros., Eastside Bldg. Material Co. and Granite Materials Co., bidding jointly, \$1,445 cu. yd.; total \$125,715; disc. \$20 yd., 25th prox.
Standard Rock Prod., \$1.75 cu. yd.; total \$154,860; disc. \$.26 yd., 25th prox. • 20

BIDS WANTED

LOS ANGELES, Calif.—Until July 29, 2 P.M., bids will be received by the L. A. Water and Power Purch. Agent for relays, Spec. 2682:
(a) 15 4-15 amp., 60 cycle, inverse time, excess current relays with 0.2 amp holding coil and target;
(b) 36 4-15 amp., 60 cycle same with 1 amp holding coil and target;
(c) 2 5-amp., 115 volt, 60 cycle, poly phase power directional relays with 1-amp holding coil;
(d) 2 3-phase, 60 cycle current differential relays for 2 winding transformer protection 25% slope, 0.2 amp target. • 20

BIDS WANTED

LOS ANGELES, Calif.—Until July 19, 2 P. M., bids will be received by the L. A. Water & Power Purch. Agt., for black copper rod, Spec. 2697, as follows:
(1) Furnish and deliv. 212,000 lbs., fob cars:
(a) 52,000 lbs. deliv. to Roscoe;
(b) 32,000 lbs. deliv. to Vincent;
(c) 56,000 lbs. deliv. to Harold;
(d) 52,000 lbs. deliv. to Victorville.
(2) 508,000 lbs., fob cars:
(a) 56,000 lbs. Victorville;
(b) 56,000 lbs. Daggett;
(c) 48,000 lbs. Harvard;
(d) 56,000 lbs. Dunn;
(e) 104,000 lbs. Silver Lake;
(f) 108,000 lbs. Roach, Nev.;
(g) 80,000 lbs. Boulder City, Nevada.

Item (1) deliveries to begin Jan. 2, 1939 and continue approx. uniform rate and be completed Mar. 1, 1939.
Item (2) deliveries to begin Mar. 1, 1939 and be completed June 1, 1939. • 20

CONTRACT AWARDED

BERKELEY, Calif.—Union Oil Company, Shell Oil Company and American Bitumels Company, were awarded contracts by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing emulsified asphalt. • 20

CONTRACTS AWARDED

BERKELEY, Calif.—Transit Concrete Ltd., Chas. S. Hughes Company and Contra Costa Building Materials Co., were awarded contracts by the Berkeley City Council, Florence Turner, City Clerk, for furnishing 1200 tons of sand. • 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Standard Rock Products Co., at \$97,665, was awarded contract by U. S. Engineer, L. A., for 85,000 tons coarse aggreg. and sand. Invit 631. • 20

BIDS OPENED

OAKLAND, Calif.—Henry Cowell Lime & Cement Co., 81 Franklin St., Oakland, at \$1.89 per bbl., submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 4,000 bbls. cement.
Total bids follow:

Henry Cowell Lime & Cement Co., 81 Franklin St., Oakland, \$1.89 per bbl.
Rhodes & Kennedy Inc., Oakland, \$2.49 per bbl.
Alta Bldg. Materials Co., Oakland, \$2.49 per bbl.
Transit Concrete Ltd., Oakland, \$2.49 per bbl. • 20

CONTRACT AWARDED

OAKLAND, Calif.—Powell Bros., Harrison & Pearl Sts., Alameda, at \$1.32 per ton submitted low bid and was awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 5,000 tons concrete aggregates.
Totals bids follow:

Powell Bros., Harrison & Pearl Sts., Alameda, \$1.32 per ton.
Alta Bldg. Materials Co., Oakland, \$1.39 per ton.
Rhodes & Kennedy Inc., Oakland, \$1.43 per ton.
Melrose Bldg. Materials Co., Oakland, \$1.43 per ton.
Transit Concrete Ltd., Oakland, \$1.43 per ton. • 20

BIDS OPENED

SAN FRANCISCO—Roberts Manufacturing Co., 711 Mission St., San Francisco, at \$104.09 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2050 for furnishing and delivering lighting fixtures for West Portal Library.
Total bids follow:
Roberts Mfg. Co., 711 Mission St., S. F., \$104.09.
Phoenix-Day Co., \$1073.20;
Boyd Lighting Fixture Co., \$1093.44;
W. W. Warren Co., \$2005.93. • 20

BID OPENED

SAN FRANCISCO—John's Manville Sales Corp., 116 New Montgomery St., San Francisco, at \$2,567.28 submitted only bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2052, for furnishing and delivering 7,000 feet 3-inch class 100 transite Pressure Pipe. • 20

BID OPENED

OAKLAND, Calif.—Great Western Electro-Chemical Co., 9 Main Street, San Francisco, at \$6,350.00 submitted only bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1041, for furnishing 85 tons liquid chlorine. • 20

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—John A. Roebling's Sons Company of California, 646 Folsom St., San Francisco, at \$125.00 per lb. submitted low bid and was awarded contract by the San Jose City Council, C. B. Goodwin, City Manager, City Hall, San Jose, for furnishing 17,525 feet of combination cable composed of ten straight-away conductors No. 16 AWG solid and two twisted pairs No. 6 AWG solid conductors, triple wrap.
Following submitted identical bids at \$130.00 per lb:
Service Electric Supply; Graybar Electric Co.; The Electric Corp.; General Electric Supply Corp.; and Westinghouse Elec. Supply Co.; Maywell & Hartzell Inc., submitted a bid of \$134. • 20

CONTRACT AWARDED

SACRAMENTO, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$2,625, submitted low bid and was awarded contract by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 71390, Req. No. 29452, for structural steel for Folsom Prison.

Total bids follow:

Golden Gate Iron Works, 1541 Howard St., S. F., \$2,625.00.
Falm Iron Works, Sacramento, \$3,005.00.
Alling Iron Works, Sacramento, \$3,329.00. • 20

BIDS WANTED

OAKLAND, Calif.—Until July 20, 5:30 P. M. bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing supplies and materials as follows: Prop. No. 1054—50,000 lin. ft. ¾-inch copper water service tubing.
Prop. No. 1055—50 tons pig lead (100 lb. bars).
Prop. No. 1056—20 tons copper sulphate.
Prop. No. 1057—5 Ford cars.
Plans and specifications may be obtained from the above office. • 20

BIDS WANTED

LOS ANGELES.—Until July 19, 2 P. M., bids will be received by the L. A. Water & Power Purch. Agt. for: overhead hollow copper transmission line conductor and appurtenances, Spec. 2685, as follows: (1) Furnishing and delivering 1,200,000 ft. copper conductor and appurtenances:
(a) 345,000 ft. at Victorville;
(b) 345,000 ft. at Harold;
(c) 75,000 ft. at Vincent;
(d) 135,000 ft. at Acton;
(e) 300,000 ft. at Roscoe;

Deliveries are to be made between Nov. 1, 1938 and Mar. 15, 1939.

(2) Furnishing and delivering 29,900,000 ft. copper conductor and appurtenances:
(a) 235,000 ft. at Victorville;
(b) 330,000 ft. at Daggett;
(c) 240,000 ft. at Harvard;
(d) 550,000 ft. at Dunn;
(e) 385,000 ft. at Silver Lake*;
(f) 680,000 ft. at Roach, Nev.;
(g) 410,000 ft. at Boulder, Nev.

Deliveries to be made between Mar. 15, 1939 and Sept. 1, 1939.

*Not a main line R. R. Sta.

The conductor to be furnished shall be of copper and of a flexible hollow type of construction, with a large proportion of the conducting material near the external surface of the conductor. The outside diam required will be 1.55 inches for all cables having an outside surface that is made up of round wires and 1.4 inches for all cables having an outside surface that is relatively smooth or approaching a smooth circular cylinder in form. The nominal area shall be not less than equivalent to 512,000 Circ. mils. in tensile strength and conductivity.

The transmission line for which this conductor is required is an additional or third circuit to the operated in parallel with the existing two circuits of the City of L. A. between the Boulder Dam Power Plant and Los Angeles, Calif. For a distance of 130 miles, from Boulder Power Plant to Victorville switching station, this circuit will be on right of way adjacent to the existing circuits. At Victorville this circuit will diverge from the other two and proceed 75 miles in a westerly direction to the Dept.'s Receiving Station "E" near Burbank, Calif. The transmission line will be operated with normal voltage of 275,000 volts at the receiving end and 287,000 volts

at the sending end. Under some operating conditions the voltage may be approx. 300,000 volts. Essentially all of the line is in desert or mountainous territory. The conductor will be supported by single circuit steel towers using spans of approx. 1000 ft.

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1050, for furnishing 95,500 Lf. of Oregon pine:
San Pablo Lumber Co., \$3,662.50; 2% 10 days.
Bay City Lumber Co., \$3,662.50; 2% 10 days.
Smith Lumber Co., \$3,735.74; 2% 10 days.
E. K. Wood Lumber Co., \$3,759.58; 2% 10 days.
Oakland Lumber Co., \$3,772.39; 2% 30 days.
Melrose Lumber & Supply Co., \$3,877.60 plus \$146.50 cartage.
Loop Lumber Co., \$3,882.23; 2% 10 days.
Piedmont Lumber & Mill Co., \$4,394.99; 2% 20 days.
Hog Lumber Co., \$4,395.00.
Zenith Lumber & Mill Co., \$4,395.00.

BIDS OPENED

OAKLAND, Calif.—Following submitted identical bids at \$4,200 to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1040, for furnishing 2,000 tons of gravel:

Alta Bldg. Material Co.; Contra Cost Bldg. Materials Co.; Henry Cowell Lime and Cement Co.; Golden Gate Stucco & Blag. Material; Rhodes & Kennedy, Inc.; Melrose Bldg. Materials Co.; Central Bldg. Materials Co.; Cowell Bros.; Transit Concrete, Ltd.; Cas. S. Hughes Co., and Albert C. Moe.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until July 25, 5 P. M. bids will be received by the Kern County Union High School District, Bakersfield, for unit sinks, cabinets, drainboards, stoves, sewing machines and elec. refrigerator in accordance with spec. on file in the office of the business manager at the high school.

BIDS OPENED

SACRAMENTO, Calif.—Pacific Fence Company, Los Angeles at \$2,558.00 (2) submitted low bid and was awarded contract by the State Purchasing Agent, State Capitol, Sacramento for furnishing (1) 6 foot fence; (2) 8 foot fence for the State Teachers College, Santa Barbara.
Complete bids follow:
Pacific Fence Co., Los Angeles, (1) \$2189, (2) \$2558.
Standard Fence Co., S. F., (1) \$2212.75, (2) \$2584.50.
Wickwire Spencer Steel Co., (1) \$2419, (2) \$2738.
Anchor Post Fence Co., (1) \$2260, (2) \$2675.
California Wire Cloth Co., (1) \$2440, (2) \$2740.

BIDS OPENED

LOS ANGELES, Calif.—Consolidated Rock Products, Blue Diamond Corp., John D. Gregg and City Rock Co., bidding jointly, submitted low bid to U. E. Engineer, L. A., at \$140.00 yd., total \$21,800, disc. \$20 yd., 20 days for 57,000 cu. yds. coarse aggrec, and 30,000 cu. yds. sand, Invit. l. Other bids were:
Graham Bros., Eastside Bldg. Material Co. and Granite Materials Co., bidding jointly, \$1,445 cu. yd.; total \$125,715; disc. \$20 yd., 25% prox.
Standard Rock Prod., \$175 cu. yd.; total \$154,860; disc. \$26 yd., 25th prox.

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. LS-218, for furnishing 700 gate valves.

Bids taken on:

(1) 150 4-inch;
(2) 400 6-inch;
(3) 150 8-inch;
(4) Total of schedule.
Bids were:
Grinnell Co. of the Pacific: (1) \$9.10; (2) \$12.77; (3) \$21.77; (4) \$10,338.50; Lump sum, \$10,338.50; 2% 10 days.
Tay-Holbrook, Inc., (1) \$9.10; (2) \$12.77; (3) \$21.77; (4) \$10,338.50; lump sum, \$10,338.50; 2% 10 days.
Iowa Valve Co., (1) \$14.50; (2) \$24; (3) \$38; (4) \$17,475; lump sum, \$10,500; net.
Pacific States Cast Iron Pipe Co., (1) \$14.85; (2) \$24.75; (3) \$38.25; (4) \$17,865; lump sum, \$10,967.70.
K. P. Smith Mfg. Co., (1) \$14.50; (2) \$24; (3) \$37; (4) \$17,325.
Chapman Valve Mfg. Co., (1) \$15.15; (2) \$25.25; (3) \$39.01; (4) \$18,224; lump sum, \$18,224; 2% 30 days.
Moran Pibg. Supply Corp., (1) \$10.64; (2) \$16.60; (3) \$25.31; (4) \$12,032.50.
Rich Mfg. Co., (1) \$14.85; (2) \$24.75; (3) \$38.25; (4) \$17,875; lump sum, \$12,234; 2% 20 days.
Rensselaer Valve Mfg. Co., (1) \$14.85 (2) \$24.75; (3) \$38.25; (4) \$17,875; lump sum, \$12,362.
Crane Co., (1) \$11.50; (2) \$18; (3) \$29.50; (4) \$13,350; lump sum, \$13,350; 2% 10 days.
Gilmore Steel & Supply Co., Inc., (1) \$14.85; (2) \$20.50; (3) \$32.88; (4) \$15,359.50; lump sum, \$15,359.50; 2% 30 days. • 20

July 11, 1938

BIDS OPENED

WASHINGTON, D. C.—Following submitted bids to the Procurement Division, Treasury Department, Washington, D. C., for furnishing (1) 1,500 bbls. and (2) 7,000 bbls. Portland cement for the State of Nevada.

Bids were:

Pacific Portland Cement Co., San Francisco (1) \$1.65 per bbl, total \$2,475; (2) \$1.70, total \$11,900. Delivery Redwood Harbor, Calif. Rail connection—Southern Pacific. No disc. 10c per sack allowed on returned sacks, transportation absorbed by company.
Calaveras Cement Co., San Francisco, (1) \$1.71, total \$2,565; (2) \$1.51, total \$10,570. Delivery—Kentucky House. Rail connection—Southern Pacific. 10c allowed returned sacks, transportation absorbed by company. No disc.
Monolith Portland Cement Co., Los Angeles, (1) \$1.88, total \$2,820; (2) \$1.68, total \$11,760. Delivery—Monolith. Rail connection S. P. & A. T. & S. F. 10c allowed on returned sacks, transportation absorbed by company. Disc. 10c per bbl. 10 days.
Riverside Portland Cement Co., Los Angeles, (1) \$1.96, total \$2,850; (2) \$1.70, total \$11,900. Rail connection W. P. R. R. Co. No disc. 10c allowed for returned sacks, transportation absorbed by company.
California Portland Cement Co., Los Angeles, (1) \$2.00, total \$3,000; (2) \$1.80, total \$12,600. Rail connection S.F. A.T. & S.F. & U.P. No disc. 10c per sack for returned sacks; transportation absorbed by company. • 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 26.—Fire Alarm Sys. | 35.—Tunnels |
| 27.—Streets & Highways | |

21— BRIDGES

BIDS WANTED
LOS ANGELES.—Until July 26, 2 P. M., bids will be received by L. A. County Supervisors for construction of a reinf. concrete bridge and other improvements along Clara St. at the Los Angeles River, for a distance of 1800 ft., more or less. The proposed bridge will be a reinf. concrete structure, 470 ft. in length, with a 44-ft. roadway, two 5-ft. walks. It will consist of three spans of 100 ft. each, two spans of 85 ft. each, with piling foundation. The deck will have an ornamental hand rail. The quantities and items are:

- (1) Reinf. conc. bridge (incl. all appurtenant work), complete;
- (2) Paving of levee slopes in old abutment zones, complete;
- (3) 33,110 cu. yds. embankment (incl. clearing, shaping and preparation of subgrade);
- (4) 576 cu. yds. cement concr. curb, walk, gutter and retaining wall;
- (5) 3,323 tons disintegrated rock base;
- (6) 45,050 sq. ft. No. 2 macadam pavement;
- (7) 735 tons asphaltic concr. wearing surf.;
- (8) 1,320 tons asphaltic concr. base;
- (9) 2 compl. std. catch basin No. 6;
- (10) 2 compl. std. catch basin No. 8;
- (11) 2 compl. outlet struc. (incl. drainage gates and appurtenant work);
- (12) 40 lin. ft. 15-in. corr. metal pipe;
- (13) 1,492 lin. ft. 30-in. corr. metal pipe;
- (14) 1,664 lin. ft. flexible metal guard rail;
- (15) 1,080 lin. ft. 8-in. extra strength clay pipe main line sewer;
- (16) 270 lin. ft. 6-in. extra strength vit. clay pipe main line sewer;
- (17) 2 std. flushing manholes, F M H S-A-89;
- (18) 2 std. manholes M H S-A-1;
- (19) 2 std. junction chambers J C S-A-2;
- (20) 8 re-connecting existing house services;

CONTRACT AWARDED
STATE OF WASHINGTON.—Parker Schram Co., Couch Bldg., Portland, at \$102,244 awarded contract by the Director of Highways, Lacey V. Murrow, Olympia, for constructing an approach to the Puget Island Bridge, Unit 3. 21

BIDS WANTED
SAN BERNARDINO CO., Calif.—Until July 28, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced

concrete girder bridge consisting of six 61-ft. 0-in. spans and two 20-ft. 0-in. cantilever spans at Santa Ana river about one mile east of Colton (VIII-SBD-26-E), San Bernardino County.

- Work involves:
- (1) 3,000 c.y. struc. excav.;
 - (2) 248,000 lbs. bar reinf. steel;
 - (3) 1,420 c.y. Class A Portland cement concrete struc.;
 - (4) 39 c.y. Class A Portland cement concrete railing;
 - (5) 132 MFBBM treated Douglas fir timber;
 - (6) 12,000 l.f. furnish treated Douglas fir piles;
 - (7) 470 each drive do.;
 - (8) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

LOW BIDDER
SKAMANIA COUNTY, Wash.—Averill and Corbin, Portland, Oregon, at \$1,421 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for improvement of continuous 3-span reinforced concrete deck beam bridge with concrete piling over Toutle River, St. Helens Highway, National Forest Road Project 15-A9, Columbia National Forest, Skamania County, Wn.

Complete bids will be published shortly. * 21

LOW BIDDER
LONG BEACH, Los Angeles Co., Calif.—Mojave Corp., Box 174, Los Nietos, at \$184,695.67, submitted low bid to the Long Beach City Council, for the construction of walls and bulkheads for the Rivo Alto Canal, Naples Canal, The Collonade Canal, Alamitos Bay.

Complete bids will be published shortly. * 22

(Correction)
BIDS WANTED

PLUMAS CO., Cal.—Until August 3, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a steel girder overhead crossing with concrete deck over the tracks of the Western Pacific Railroad Company at Greenville; a steel girder bridge with concrete deck across Wolf Creek, and about 0.4 mile of grading and surfacing with screened gravel and road-mix surfacing, Plumas County.

Work involves:

- (1) 1 lot clear and grub;

- (2) 970 M. gals. water;
- (3) 28,000 c.y. rdwy. excav., unclass.
- (4) 1,350 c.y. struc. excav.;
- (5) 24,000 cu. yds. overhaul;
- (6) 40,000 c.y. imported borrow;
- (7) 29 sta. finish rdwy.;
- (8) 2,000 c.y. screened gravel, road base;
- (9) 420 c.y. min. agg. road mix surf.
- (10) 35 tons liq. asph. ROMC-3 or -4 road mix surf.;
- (11) 5 tons liq. asph. SC-2 prime coat
- (12) 5 tons liq. asph. SC-2 penetration oil treatment;
- (13) 45 c.y. sand seal coat;
- (14) 5.5 tons liq. asph. ROMC-3 or -4 seal coat;
- (15) 109,150 lbs. bar reinf. steel;
- (16) 266 c.y. Class A Portland cement conc. footing blocks;
- (17) 744 c.y. do. for struc.;
- (18) 400,000 lbs. struc. steel;
- (19) 2,882 l.f. furnish steel piles;
- (20) 66 each drive steel piles;
- (21) 130 c.y. sacked conc. riprap;
- (22) 394 l.f. 18-in. CMP;
- (23) 62 l.f. clean and relay metal pipe culverts;
- (24) 1,022 l.f. timber guard rail;
- (25) 10 each culvert markers;
- (26) 370 lbs. copper strips;
- (27) 10 each monuments;
- (28) 1 lot remove and dispose of existing bridge;
- (29) 1 lot misc. items of work.

Alternate Cribbing Items

- "ALTERNATE A"**
- (20) 408 each 6-in. by 6-in. by 6-ft. 0-in. metal headers;
 - (31) 19 each 6-in. by 6-in. by 8-ft. 0-in. metal headers;
 - (32) 31 each 6-in. by 6-in. by 8-ft. 0-in. metal step-back headers;
 - (33) 967 each 6-in. by 8-in. by 6-ft. 0-in. metal stretchers;
 - (34) 407 each metal header caps;
 - (35) 19 each metal header spacers;
 - (36) 53 each metal header inserts;
 - (37) 54 each metal stretcher inserts;
 - (38) 50 each metal stretcher caps;

- "ALTERNATE B"**
- (39) 172 each 5-in. by 8-in. by 6-ft. 0-in. reinf. conc. headers;
 - (40) 357 each 5-in. by 10-in. by 6-ft. 0-in. reinf. conc. headers;
 - (41) 84 each 5-in. by 10-in. by 8-ft. 0-in. reinf. conc. headers;
 - (42) 665 each 6-in. by 6-in. by 6-ft. 0-in. reinf. conc. stretchers;
 - (43) 448 each 6-in. by 8-in. by 6-ft. 0-in. reinf. conc. stretchers;
 - (44) 80 each 6-in. by 10-in. by 6-ft. 0-in. reinf. conc. stretchers;
 - (45) 40 each 10-in. by 6-in. by 10-in. concrete filler blocks.

NOTE: A bidder is requested to submit a bid on either Alt. A or Alt. B of the cribbing items and may, but is not required, to submit bids on both alternates.

Plans and specifications may be obtained from the above office.

Item 14 previously reported incorrect. * 21

Capital City

Title Company

•

JAMES E. MANCROFT

Manager

•

801 J Street

Sacramento : California

BIDS OPENED
SAN FRANCISCO—Pacific Bridge Painting Co., 624 Sharon Building, San Francisco, at \$53,300 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,152, for cleaning and painting all exposed steelwork at the upper part and above the tower of the Third Street Bridge over Channel Street Waterway. Est. cost, \$2,500. Total bids follow:
 Pacific Bridge Painting Co., 624 Sharon Building, S. F., \$53,300.
 D. E. Burgess, S. F., \$1,578.00.
 R. P. Paoli & Co., S. F., \$2,250.00.

July 14, 1938

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until July 28, 2 P. M. (date changed from July 14), bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete girder bridge, consisting of six 61-ft. 0-in. spans and two 20-ft. 0-in. cantilever spans at Santa Ana River one mile east of Colton, San Bernardino County.

Work involves:

- (1) 3,000 c.y. struc. excav.
- (2) 248,000 lbs. bar reinf. steel;
- (3) 1,420 c.y. Class A Portland cement conc. struc.;
- (4) 39 c.y. Class A Portland cement conc. railing;
- (5) 132 MFEM treated Douglas fir timber;
- (6) 12,000 lf. furnish treated Douglas fir piles;
- (7) 470 each driving do;
- (8) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

Bid opening date postponed due to change in Item 13. * 21

July 14, 1938

CONTRACT AWARDED

KERN COUNTY, Calif.—Franklin and Fredenburg, 100 Clark St., San Rafael, at \$6,486.50, awarded contract by the State Division of Highways, Sacramento, for construction of a reinforced concrete slab bridge across Calloway Canal, about 3 miles west of Bakersfield, Kern Co., Calif. * 21

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1 Drum St., San Francisco, at \$3,226, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,141, for the reconstruction and repairing of Sixth St. Bridge over Channel Street. Estimated cost, \$3,300.

Work involves:

- (1) Lump sum, providing barricades and signs, removing parts of existing work;
- (2) 1,500 lf. ft. treated timber piles;
- (3) 14 MFEM timberwork (other than piles);
- (4) 6,000 lbs. traffic plates;
- (5) 800 hours' paint work;
- (6) 22 tons asphaltic concrete W.S.;
- (7) Lump sum, mechanical work.

Total bids follow:

- (A) Healy-Tibbitts Constr. Co., 1 Drum St., S. F., \$3,226.00.
 (B) A. W. Kichen & Co., \$8,302.00.
 (C) Chas. L. Harney, \$9,348.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	1000.00	1325.00	1050.00
(2)	2.00	1.50	2.00
(3)	160.00	159.00	185.00
(4) .....	.11	.17	.125
(5)	5.00	6.00	3.70
(6)	14.00	10.00	6.25
(7)	750.00	849.00	575.00

* 21

July 14, 1938

CONTRACT AWARDED

SAN MATEO CO., Calif.—Franzini & Fredenburg, 100 Clark Street, San Rafael, at \$19,646.35, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge across Colma Creek in the City of South San Francisco, consisting of one 24-foot span and two 19-foot 6-inch spans and about six hundredths (.06) mi. roadway to be graded, surfaced and penetration oil treatment applied to shoulders, San Mateo Co., Calif. * 21

BIDS WANTED

LOS ANGELES AND SAN BERNARDINO COUNTIES, Calif.—Until August 4, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of two spans of an existing three span reinforced concrete bridge across San Antonio Creek at Pomona (VIII-L. A. and SBD-19-Pom and A) consisting of one 37-ft. 0-in. span and one 27-ft. 0-in. span on concrete bents and abutments and portions of roadway approaches to be graded and surfaced with Portland cement concrete pavement, Los Angeles and San Bernardino Counties, Calif.

Work involves:

- (1) 1 lot remove and dispose of damaged portions of exist. bridge and approach pavement.
- (2) 10 cu. yds. remove and dispose of exist. Port. cem. conc. pavement.
- (3) 30 M gal. water. ---
- (4) 800 cu. yds. struc. excav.
- (5) 1,000 cu. yds. rdwy. excav.
- (6) 150 sq. yds. subgrade for pave.
- (7) 30 cu. yds. class A Port. cem. conc. pavement.
- (8) 63 each pave. dowels.
- (9) 58,000 lbs. bar reinf. steel.
- (10) 400 cu. yds. class A Port. cem. conc. struc.
- (11) 7 cu. yds. class A Port. cem. conc. railing.
- (12) 1,800 sq. ft. steel sheetpile cut off wall.
- (13) 300 cu. yds. broken conc. riprap.
- (14) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento, Calif.

Place of bid opening previously reported incorrect. * 21

July 14, 1938

NOTICE

REDDING SHASTA CO., Calif.—Envelope received Monday by U. S. Bureau of Reclamation, Walker R. Young, Construction Engineer, Sacramento, and thought to be late bid by Clinton Bridge Co. on Redding highway bridge, opened yesterday and found to contain no bid. Low bidders were Clifford A. Dunn, Klamath Falls, Ore., at \$173,120 (Schedule 1); and American Bridge Co., Pittsburgh, Pa., at \$569,100 (Schedule 2). * 21

July 14, 1938

CONTRACT AWARDED

YOLO COUNTY, Calif.—Hemstreet and Bell, 501 11th St., Marysville, at \$68,225.25, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of reinforced concrete bridge across Cache Creek about 3½ miles northwest of Rumsey and approximately 0.5 mi. of approach to be graded and road-mix surfacing treatment applied, Yolo Co., Calif. * 21

22—DREDGING HARBOR WORKS, EXCAVATION**CONTRACT AWARDED**

CLACKAMAS COUNTY, Oregon.—Babler Bros., Portland, Oregon, at \$191,610, awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-38-621, for bank regrading, bank sloping, gravel borrow, gravel excavation and channel excavation and the construction of approximately 13,000 feet of stone riprap revetment and construction of

approximately 1,300 feet of stone dikes, local in the Molalla River District Improvement Co., Clackamas County, Oregon. * 22

FUNDS ALLOTTED

WASHINGTON, D. C.—The Secretary of War has approved the following allotments from the War Department Civil Appropriation Act for 1939 for new work and maintenance on Rivers and Harbors in California: San Diego Harbor, new work, \$500,000.

Los Angeles, examinations, surveys and contingencies, maintenance, \$10,000.

San Francisco Harbor, new work, \$137,000.

Oakland Harbor, maintenance \$31,000.

Richmond Harbor, maintenance \$30,000.

San Pablo Bay and Mare Island Strait, maintenance \$100,000.

Crescent City Harbor, new work \$135,000.

Novo River, maintenance \$25,000.

San Francisco, examinations, surveys and contingencies, maintenance \$15,000.

San Joaquin River, new work \$304,500.

Old River, new work \$72,000.

Stockton & Mormon Channels, diverting canal, maintenance \$2,000.

Mokelumne River, maintenance \$1,000.

Sacramento River, maintenance \$80,000.

Suisun Bay Channel, maintenance \$25,000.

Sacramento, examinations, surveys and contingencies, maintenance \$15,000.

Humboldt Harbor and Bay, New work \$238,000.

San Joaquin River, new work \$195,400.

Suisun Channel, new work \$139,500.

Sacramento River, debris restraining dam, new work \$1,000,000. * 22

CONTRACT AWARDED

PORTLAND, Ore.—Pacific Building Materials Co., Portland, at \$15,437.50 awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-38-612, for channel clearing of gravel, trees, brush snags and other debris from Lambert Slough, Willamette river, consisting of approximately 6.5 acres clearing and the excavation and disposal of approximately 65,000 c.y. of silt, sand, and gravel. * 22

BIDS WANTED

PEARL HARBOR, T. H.—Until August 3, 11 A. M. (date postponed from July 20), bids will be received by the U. S. Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8702, for dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Estimated cost \$1,400,000.

Plans and specifications may be obtained from the above office or from the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00. * 22

23—CANALS**CONTRACT AWARDED**

BOISE PROJECT, Idaho.—J. A. Tertelme & Sons, Boise, at \$239,406, awarded contract by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 790, for the construction of earthwork, tunnel, canal

lining and structures, Black Canyon Canal, Station 482 to Station 782-80, Payette Division, Boise Project, Ida. * 23

24—STREET LIGHTING

BIDS WANTED

HICKAM FIELD, T. H.—As previously reported until July 27, 1:30 P.M., bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco; and at 11:00 A. M. by the Office of the Purchasing and Contracting Officer, Constructing Quartermaster, Hickam Field, T. H., under Bid No. 397-38-39, for construction and completion of a street lighting system and a secondary electric distribution system at Hickam Field, T. H. Estimated cost, \$120,000.

Plans and specifications may be obtained from the above offices upon the deposit of \$10. * 24

25—MACHINERY AND EQUIPMENT

July 14, 1938

BIDS OPENED

LONG BEACH, Los Angeles Co., Calif.—Mojave Corp., Box 174, Los Nietos, at \$184,695.67, submitted low bid to the Long Beach City Council, for the construction of wall and bulkheads for the Rivo Alto Canal, Napa Canal, The Colonnade Canal, Alamitos Bay, a 1911 and Federal Air Project. The est. quantities are:

- (1) 8208 ft. reinf. conc. sheet pile walls to be constr. of piles 22 ft. long;
- (2) 2363 ft. reinf. conc. sheet pile walls to be constr. of piles 24 ft. long;
- (3) 700 ft. reinf. conc. sheet pile walls to be constr. of piles 26 ft. long;
- (4) 832 each reinf. conc. anchor piles, 22 ft. long;
- (5) 237 each reinf. conc. anchor piles, 24 ft. long;
- (6) 72 each reinf. conc. anchor piles, 26 ft. long;
- 7) 27 cu. yds. reinf. conc. (closures);
- (8) 11,993 lin. ft. pipe handrail;
- (9) 3163 lin. ft. walls to be removed;
- (10) 504 lin. ft. conc. steps to be removed.

The total bids were:

- (A) Mojave Corp., Los Nietos, \$184,695.67.
- (B) V. R. Dennis Constr. Co., San Diego, \$234,953.65.
- (C) Shannahan Bros., Huntington Park, \$253,996.26.

The unit bids were:

(1)	\$11.17	\$13.70	\$13.92
(2)	11.17	14.00	13.92
(3)	11.17	14.50	13.92
(4)	24.00	46.00	71.00
(5)	24.00	46.00	71.00
(6)	24.00	47.00	71.00
(7)	532.00	115.00	30.00
(8)	95	1.45	90
(9)	1.75	1.60	1.00
(10)	1.75	4.60	4.00

BIDS WANTED

REDLANDS, San Bernardino Co., Cal.—Until July 20, 2 P. M., bids will be received by City Council, Redlands, for rental of equip. to move approx. 40,000 cu. yds. channel material in Mill Creek Wash, N 1/2 of Sec. 22, T. 5, S. R. 2 W, being 5 mi. east of Redlands on Mill Creek State Highway. Bidder is to operate and maintain all equip on hourly rental basis. C. P. Hook, City Clerk.

BIDS OPENED

GILA PROJECT, Ariz.—Following submitted bids to the U. S. Bureau

of Reclamation, Denver, Colorado, under Spec. No. 1089-D, for furnishing and delivering one gasoline engine driven gate hoist for operating the 19.5 foot by 22 foot fixed wheel gate at the inlet of the Gila River Crossing, Gila Project, Ariz. Gate hoists will be installed by the Government; fob shipping point and/or Blaisdell, Arizona.

Bids were:

- Koppers Co., Western Gas Div., Fort Wayne, Ind., \$7,000, wt. 22,000, net; fob Fort Wayne.
- Foots Bros. Gear & Mach Corp., Chicago, Ill., \$6,555, wt. 20,000; net; fob Chicago.
- Commercial Iron Works, Portland, Ore., \$6,424, wt. 21,150; 1/2%; fob Portland.
- Valley Iron Works, Yakima, Wash., \$7,103, wt. 21,500; 5%; fob Yakima.
- S. Morgan Smith Co., York, Pa., \$1,908, wt. 28,000; net; fob New York.
- Johnson Mfg. Co., Seattle, Washington, \$11,237, wt. 23,000; net; fob Seattle.
- Smith Corp., d/b/a General Iron and Steel Works, Portland, \$5,698, wt. 22,930; net; fob Portland. * 25

CONTRACT AWARDED

LOS BANOS, Merced Co., Calif.—P. E. Van Pelt, Oakdale, at \$3,755.50, was awarded contract by the Los Banos City Council, V. G. Bryant, City Clerk, for furnishing one piece of fire fighting apparatus equipped with 500-gal. Hale multi-stage centrifugal pump, 200-gal. water tank, booster pump, etc.

Total bids follow:

- P. E. Van Pelt, Oakdale, \$3,755.50.
- The Rix Company, \$3,495.00.
- Pacific Fire Extinguishers Co., \$3,500.00.
- American LaFrance & Foamite Industries Inc., \$4,396.00.

CONTRACTS AWARDED

LOS ANGELES, Calif. Contracts for rental of 6 draglines were awarded by U. E. Engineer, L. A. under Invit. 613 as follows: V. R. Dennis Constr. Co., San Diego, one at \$5.25 hr., total \$10,500; disc. 2%, 30 da.; Rav Schweitzer, one at \$5.50 hr., total \$11,000; disc. 1/2 of 1%, 10 da.; Ralph O. Dixon, one at \$5.75 hr., total \$11,500; disc. 1/2 of 1%, 10 days; McKinley & Smith, two at \$6 hr., total \$24,000; disc. 2 1/4% 10 days; American Concr. and Steel Pipe Co., one at \$6 hr., total \$12,000; disc. 2% 20 days. Bids for 2 convertible shovels were held under advertisement. * 25

CONTRACT AWARDED

LOS BANOS, Calif.—Kajjian Motor Co., Los Banos, at \$2,838.90, was awarded contract by the Los Banos City Council, V. G. Bryant, City Clerk, for furnishing one motor and chassis. Mack International at \$1,768.98 submitted only other bid.

BIDS OPENED

GRAND COULEE DAM, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 789, for furnishing and delivering forty 102-in. diameter welded plate-steel conduit linings with pipe supports, pipe plugs for grouting, flange stud bolts, and field-welding electrodes and 880 anchor bolts for the outlet works at Grand Coulee Dam, Columbia Basin Proj., Wash.; fob shipping point and/or Olin, Wash. Linings will be installed by the Government.

Bids were:

- Crane-O'Fallon Co., Denver, Colo., (3) \$245.30, wt. 5,000; 2%; fob Chicago.

Puget Sound Machinery Depot, Seattle, Wn., (1) \$132,535, wt. 2,839,500; (2) \$75,798, wt. 1,606,500; (3) \$252, wt. 4,900; net; fob Seattle.

Dravo Corp., Pittsburgh, (1) \$126,400 wt. 2,885,300; (2) \$77,920, wt. 1,622,100; (3) \$500, wt. 5,100; Combination 1 & 2—\$201,920; 1, 2 & 3—\$202,420; net; fob Neville Island, Pa.

A. O. Smith Corp., Milwaukee, (1) \$134,050, wt. 2,865,500; (2) \$81,912, wt. 1,620,000; combination 1 & 2—\$215,922; net; fob Milwaukee.

American Bridge Co., Denver, (1) \$183,151, wt. 2,864,400; (2) \$53,295, wt. 1,624,800; (3) \$406, 4,900; combination 1, 2 & 3—\$209,041; net; fob Gary, Ind.

Berkeley Steel Constrn. Co., Inc., Berkeley, Cal., (1) \$126,500, wt. 2,900,000; (2) \$73,300, wt. 1,650; 1/2%; fob Berkeley.

Koppers Co., Bartlett-Hayward Div., Baltimore, (1) \$133,020, wt. 133,020; (2) \$82,630, wt. 1,620,000; (3) \$440, wt. 4,800; combination 1 & 2—\$211,000; 1/2%; fob Baltimore.

Fmsco Derrick & Equipment Co., Los Angeles, (1) \$78,786, wt. 1,630,000; (2) \$190,531, wt. 2,927,000; (3) \$350, wt. 5,000; combination 1 & 2—\$198,851; net; fob Los Angeles.

Treadwell Construction Co., Midland, Pa., (1) \$126,000, wt. 2,800,000; (2) \$76,000, wt. 1,580,000; (3) \$221, wt. 4,400; net; fob Midland.

Southwest Welding & Mfg. Co., Alhambra, Calif., (1) \$128,000, wt. 2,947,000; (2) \$79,000, wt. 1,682,000; (3) \$440, wt. 5,400; 1/2%; fob Alhambra.

The Steel Tank and Pipe Co. of Oregon, Portland, (1) \$159,020, wt. 3,063,000; (2) \$95,804, wt. 1,760,000; (3) \$309, wt. 4,440; net; fob Portland.

Taylor Forge & Pipe Works, Chicago, (1) \$154,543, wt. 2,896,000; (2) \$95,608, wt. 1,651,000; (3) \$233, wt. 4,900; net; fob Cicero.

American Locomotive Co., New York, (1) \$149,000, wt. 2,897,000; (2) \$92,000, wt. 1,642,000; (3) \$400, wt. 5,150; combination 1 & 2—\$239,900; 1, 2 & 3—\$240,200; net; fob Dunkirk, N. Y.

Western Pipe & Steel Co. of Calif., San Francisco, (1) \$139,664, wt. 2,898,860; (2) \$90,550, wt. 1,647,380; (3) \$259, wt. 4,700; combination 1, 2 & 3—\$224,272; net; fob Coulee Dam.

Chicago Bridge & Iron Co., Chicago, (1) \$122,250, wt. 2,925,000; (2) \$74,640, wt. 1,670,000; (3) \$960, wt. 5,000; net; fob Boyles, Birmingham, Ala. * 25

BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the State Highway Dept., Los Angeles, for furnishing a compressor, 2 jackhammers, 2 paving breakers, 2 sets steel and hose for use in Ventura County.

Bids were:

- Hanser & Izer, 1276 Main St., Ventura (1) \$1.50, (2) \$1.25, (3) \$.25, (4) \$1.

Lang Transportation Co., (1) \$1.50, (2) \$1., (3) \$.25, (4) \$.50.

Western Machinery Co., (1) \$2.50, (2) \$.2, (3) \$.2, (4) \$.2. * 25

BIDS WANTED

LOS ANGELES, Calif.—Harry C. Collins Machinery Co., 1919 Santa Fe Ave., L. A., is taking bids for dismantling kilns and equip. in the San Francisco Bay area, transporting to Santa Maria and erecting on found already in place. Between 150 and 175 tons of matl. is involved. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until July 21, 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for rental of all plant, fuel, equip and materials except pump, hoist, jet,

casing and lighting plant and equip. and to engage operating personnel to perform all work necessary for obtaining about 130 wash borings to determine the character of the materials and the presence of rock, if any, in an area of about 700 acres in the north portion of San Diego Bay. Invit. 7. Est. 150 working hours. Bid bond, 10%, must accompany bid. * 25

BIDS OPENED

VALE PROJECT, Oregon.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1090-D, for furnishing and delivering one clutch-operated crawler traction mounted, full revolving, gasoline engine powered, convertible type dragline excavator for the Vale Project, Oregon; fob shipping point and/or Vale, Ore.

Bids were:
McKelvy Machinery Co., Denver, Colo., \$9,108, wt. 57,000; net; fob Milwaukee.

Northwest Engineering Co., Chicago, \$7,235, wt. 45,800; net; fob Green Bay, Wisc.

The Browning Crane & Shovel Co., Cleveland, \$9,222, wt. 49,575; ½%; fob Cleveland.

Speeder Machinery Corp., Cedar Rapids, Iowa, \$6,620, wt. 40,000; 2%; fob Cedar Rapids.

The Marion Steam Shovel Co., Marion, Ohio, \$8,230, wt. 42,500; 2%; fob Marion \$9,025, wt. 42,500 fob Vale.

Harnischfeger Corp., Milwaukee, \$9,125, wt. 47,000; 2%; fob Milwaukee.

Lima Locomotive Works, Inc., Shovel & Crane Division, Lima, Ohio, \$7,990, wt. 42,000; 2%; fob Lima. The Byers Machine Co., Ravenna, Ohio, \$7,904, wt. 46,800; 2%; fob Vale.

Bay City Shovels Inc., Bay City, Mich., \$6,700, wt. 42,300; 1%; fob Bay City.

The General Excavator Co., Marion, \$6,120, wt. 41,900; net; fob Marion. * 25

26—RAILROADS

BIDS OPENED

SAN FRANCISCO.—San Francisco Municipal Railway, at \$7,400 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Contract No. 175, for the reconstruction of Judah Street tracks between 18th and 20th Avenues.

Total bids follow:
San Francisco Municipal Railway, \$7,400.

Chas. L. Harney, \$5,564.00.
Pacific States Construction Co., \$8,875.00. * 26

CONTRACT AWARDED

SAN FRANCISCO.—San Francisco Municipal Railway, at \$7,400 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Contract No. 175, for the reconstruction of Judah St. tracks between 18th and 20th Avenues. * 26

27—WPA PURCHASES, RENTALS

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., T. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

July 21, 10:00 A. M.
BID No. 5740—Rental of three 1½-ton capacity, flat rack trucks

equipped with dual rear ties; fob Bakersfield, Cal.

BID No. 5745—Rental of two dump trucks not less than 2 cu. yds. capacity; fob Berkeley, Cal.

July 22, 10:00 A. M.

BID No. 5742—Douglas fir lumber; fob Larkin & Beach Sts., S. F.

BID No. 5743—Douglas fir lumber; fob Mills Field, San Mateo Co., Cal.

BID No. 5744—Crushed rock; fob Kobbé Avenue & Washington Blvd., S. F.

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, T. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies & materials, as follows:

July 20, 10:00 A. M.

BID No. 5734—Douglas Fir lumber; fob Mills Field, San Mateo Co.

July 21, 10:00 A. M.

BID No. 5735—2400 sacks Portland cement; fob Selma, Fresno Co.

BID No. 5736—1000 gals. emulsified asphalt; fob Kobbé Ave. & Washington Blvd., S. F.

BID No. 5738—1800 gals. emulsified asphalt; fob Kobbé Ave. and Washington Blvd., S. F.

BID No. 5738—1800 gals. emulsified asphalt; fob Kobbé Ave. and Washington Blvd., S. F.

BID No. 5741—5000 lin. ft. steel pipe; fob 1310 Oak St., Oakland.

July 22, 10:00 A. M.

BID No. 5737—28 tons liquid asphalt SC-3; fob Inyo County. * 27

29—STREETS AND HIGHWAYS

BIDS WANTED

MONTEREY COUNTY, Calif.—Until August 3, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with natural rock asphalt about 0.9 miles over Welby Hill about 4.6 miles south of King City. (V-Mon-2-F), Monterey County, Calif.

Work involves:

- (1) 1,300 M gals. water.
- (2) 620 cu. yds. remove exist. conc.
- (3) 47,000 cu. yds. rdwy. excav. without class.
- (4) 340 cu. yds. str. excav.
- (5) 175 cu. yds. ditch and channel excav.
- (6) 85,000 sta. yds. overhaul.
- (7) 22,000 sq. yds. blend subgrade and shoulders.
- (8) 46 sta. finish rdwy.
- (9) 2,300 tons crusher run base.
- (10) 10 tons liq. asphalt. SC-2 prime coat.
- (11) 8,300 sq. yds. preparing mix and shape shoulders.
- (12) 70 tons liq. asphalt. SC-2 shoulders.
- (13) 7,300 lbs. bar reinf. steel.
- (14) 75 cu. yds. class "A" Port. cem. conc. structs.
- (15) 62 in. ft. 8-in. CMP.
- (16) 242 lin. ft. 18-in. CMP.
- (17) 16 lin. ft. 24-in. CMP.
- (18) 6 each spillway assemblies.
- (19) 600 lin. ft. laminated guard rail.
- (20) 1,130 lin. ft. remove and salvage exist. guard rail.

- (21) 11 each culvert markers.
- (22) 21 each guide posts.
- (23) 1.6 miles new property fences.
- (24) 3 each drive gates.
- (25) 1,900 sq. yds. asphalt binder.
- (26) 16 tons asphalt emulsion.
- (27) 650 tons broken stone.
- (28) 1,400 tons natural rock asphalt.
- (29) 20 each monuments.

Plans and specification may be obtained from the above office.

BIDS WANTED

LASSEN CO., Calif.—Until August 3, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with road mix surfacing and applying seal coat to about 2.5 miles between State Highway Route 28 at one mile northeast of Bieber and 2½ miles north-erly, Lassen County.

Work involves:

- (1) 300 M. gals. water;
- (2) 4,500 c.y. rdwy. excav., unclass.;
- (3) 100 c.y. str. excav.;
- (4) 9,300 c.y. imported borrow;
- (5) 13,600 sta. yds. overhaul;
- (6) 130 sta. finish rdwy.;
- (7) 5 c.v. remove existing conc.;
- (8) 4,400 c.y. gravel base;
- (9) 30 tons liq. asphalt. SC-2 prime coat;
- (10) 190 tons liq. asphalt. ROMC-3 or -4 road mix surf.;
- (11) 2,500 c.y. min. agg. road mix surf.;
- (12) 24 tons liq. asphalt. ROMC-3 or 4 seal coat;
- (13) 18 c.v. sand seal coat;
- (14) 200 lbs. bar reinf. steel;
- (15) 5 c.y. Class A Portland cement concrete;
- (16) 98 lf. 12-in. CMP;
- (17) 76 lf. 18-in. CMP;
- (18) 14 lf. 30-in. CMP;
- (19) 20 lf. remove and salvage existing CMP;
- (20) 18 lf. remove, clean and relay existing CMP.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

BUTE CO., Calif.—Until August 3, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of about three miles of highway with gravel base and armor coat between 0.7 mile north of Biggs and State Highway Route 45, Butte County.

Work involves:

- (1) 410 M. gals. water;
- (2) 160 sta. finish rdwy.;
- (3) 15,000 c.y. gravel base;
- (4) 41 tons liq. asphalt. SC-2 prime coat
- (5) 85 tons liq. asphalt. 90-95 armor coat;
- (6) 1,700 tons screenings armor coat.

Plans and specifications may be obtained from the above office. * 29

LOW BIDDER

LAKE COUNTY, Oregon.—E. C. Hall Company, Eugene, Oregon, at \$83,270 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.906 miles grading, 8,605 miles surfacing and 0.0055 miles bridge on Fremont Highway, Grading, Surfacing and Bridge Project 31-A1, B, National Forest Road Proj., located within the Fremont National Forest, Lake County, Oregon.

Complete bids will be published shortly. * 29

LOW BIDDER

SKAMANIA COUNTY, Wash.—Pacific Construction Co., Seattle, at \$26,461, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 1,433 miles constructing or improving State St. Helens Highway, Grading Project 15-A8, National Forest Road Project, located within the Columbia National Forest, Skamania County, Wn.

Complete bids will be published shortly.

BIDS OPENED

CALAVERAS COUNTY, Calif.—Garcia Construction Co., P. O. Box 65, Irvington, at \$6,623.50 submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center Street, Stockton, for about 1.8 miles surfacing with untreated crushed gravel or stone and road-mix surfacing, between South Fork of Mokelumne River and Herbert's Ranch, Calaveras County, Calif.

- Work involves:
- (1) 600 cu. yds. untreated crushed gravel or stone surfacing (base)
 - (2) 1,550 cu. yds. mineral aggregate (road-mixed surfacing)
 - (3) 6 tons liquid asphalt SC-2 (prime coat)
 - (4) 89 tons liquid asphalt SC-4 (road-mixed surfacing)

Total bids follow:

- (A) Garcia Construction Co., P. O. Box 65, Irvington, \$6,623.50.
- (B) Hayward Bldg. Materials Co., Hayward, \$8,309.00.
- (C) Piazza & Huntley, San Jose, \$9,847.00.
- (D) Acme Transportation Inc., Oakland, \$9,871.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$2.15	\$3.00	\$4.00	\$3.95
(2).....	2.60	3.00	4.00	3.70
(3).....	7.00	26.00	15.00	20.00
(4).....	13.50	19.00	13.00	18.50

LOW BIDDER

KLICKITAT COUNTY, Wash.—E. C. Hall Company, Eugene, Oregon, at \$42,568 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for approximately 6.818 miles of reconstruction surfacing and 1,793 miles surfacing aggregate production on Mt. Adams Highway, Project 17-A4, B2, C, National Forest Road Project, located within the Columbia National Forest, Klickitat County, Wash.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$20,493.28 submitted low bid to the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for the improvement of Tennessee St. from the eastern line of Amador St. to the eastern City Limits of the City of Vallejo.

Work involves:

- (1) 3,853 cu. yds. grading.
- (2) 79,334 sq. ft. salvage rock base.
- (3) 100 tons 3-inch crusher run slurry base.
- (4) 79,334 sq. ft. 4-inch asphalt concrete base.
- (5) 79,334 sq. ft. 4-in. asphaltic concrete top.
- (6) 170 cu. yds. Portland cement concrete curb and gutter.
- (7) 4 catchbasins, Type A.
- (8) 2,260 lin. ft. curb armor.
- (9) 576 lin. ft. 12-inch CMP.
- (10) 297 lin. ft. 10-inch CMP.
- (11) 292 lin. ft. 8-inch CMP.

Total bids follow:

- (A) Union Paving Co., 212 Babcock Bldg., S. F., \$20,493.28.
- (B) A. G. Raish, S. F., \$21,118.83.

Unit prices follow:

	(A)	(B)
(1).....	\$.40	\$.40
(2).....	.015	.01
(3).....	.260	.285
(4).....	.10	.104
(5).....	.055	.055
(6).....	14.00	13.75
(7).....	75.00	80.00
(8).....	.17	.18
(9).....	2.00	1.75
(10).....	.70	1.75
(11).....	.60	1.65

BIDS WANTED

LARKSPUR, Marin Co., Calif.—Until July 19, 7:30 P. M., bids will be received by the Board of Trustees of Larkspur School district, E. J. Welter, Clerk, Larkspur Corte Madera School House, for resurfacing of two tennis courts. Work consists of (a) clean all cracks and remove weeds and other vegetation; (b) fill cracks and low areas to proper cross section with natural rock asphalt; (c) apply emulsified asphalt binder coat; (d) spread and roll wearing surface of natural rock asphalt; and (e) apply duralide non-stain surface finish.

Plans and specifications may be obtained from E. J. Welter, 529 Second St., Corte Madera. * 29

BIDS WANTED

GREENLEE COUNTY, Ariz.—Until August 2, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Arizona, for grading and placing cushion material on approximately 6.115 miles, Section B of Route 19, Clifton-Alpine National Forest Highway, Crook National Forest, Greenlee County, Arizona.

Work involves:

- (1) 12 acres clearing;
- (2) 10 acres grubbing;
- (3) 34,900 cu. yds. unclassified excavation;
- (4) 210 cu. yds. unclassified excavation for structures;
- (5) 717,000 sta. yds. overhaul;
- (6) 2,800 lin. ft. furrow ditches;
- (7) 12 cu. yds. rubble masonry;
- (8) 254 lin. ft. corr. galv. sheet metal pipe;
- (9) 292 lin. ft. remove, clean and relay existing C. M. pipe;
- (10) 28 each culvert markers;
- (11) Force account obliteration of old roads.

Plans and specifications may be obtained from the above office and the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon the deposit of \$10.00. * 29

LOW BIDDER

LINN COUNTY, Oregon.—Colonial Construction Company, Spokane, Wash., at \$132,147 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for 1,597 miles of grading on the Santiam Highway, Grading Project 23-Ka, L1, National Forest Road Project, located within the Williamette National Forest, Linn County, Oregon.

Complete bids will be published shortly.

LOW BIDDER

JACKSON COUNTY, Oregon.—Clifford A. Dunn, Klamath Falls, Oregon, at \$67,107 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 7,085 miles constructing or improving the Miller-Trail Highway, Surfacing Project 16-G4, H2, I2, J2, National Forest Road Project, located within the Rogue River National Forest, Jackson Co.

Complete bids will be published shortly.

CONTRACT AWARDED

MODOC CO., Cal.—E. A. Forde, 640 San Francisco Drake Blvd., San Anselmo, at \$5,251.25, awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing all labor and material and performing all work for placing bituminous seal coat on 8.623 miles, Section A, Federal Lands Highway, Project No. 6,

and on Section C, Route 11, Lava Beds National Forest Highway, Modoc County. * 29

COMPLETE BIDS

COLUMBIA BASIN PROJ., Wash.—Goodfellow Bros., Inc., Wenatchee, Wash., at \$15,642.50 submitted low bid to the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 1082-D, for the construction of roads to the Rock Island Dam, Columbia Basin Proj., Wash.

- Work involves:
- (1) 18,500 c.y. excav., common, for roads;
 - (2) 3,400 c.y. excav., rock, for roads
 - (3) 23,000 sta. c.y. overhaul;
 - (4) 32 c.y. excav., common for culverts;
 - (5) 16 c.y. excavation, rock for culverts;
 - (6) 50 c.y. backfill;
 - (7) 600 c.y. riprap;
 - (8) 40 l.f. laying 12-in. dia. corr. metal pipe;
 - (9) 50 l.f. laying 18-in. do;
 - (10) 140 l.f. laying 24-in. do;
 - (11) 2,400 c.y. crushed gravel or crushed rock base course;
 - (12) 1,500 c.y. do for surf. course;
 - (13) 85 M. gals. watering;
 - (14) 6,400 gals. applying bit. prime and seal coats;
 - (15) 25,000 gals. distributing asphaltic oil for surface course;
 - (16) 17,000 sq. yds. mixing, compacting and finishing road - mixed surfacing;
 - (17) 110 c.y. coarse sand for seal coat

Total bids follow:

- (A) Goodfellow Bros., Inc., Wenatchee, \$15,642.50.
- (B) George Carras, Spokane, \$20,228.00.
- (C) Erickson Paving Co., Ritzville, \$25,027.50.
- (D) L. Romano Engr. Corp., Seattle, \$40,399.00.

(E) Engineer's estimate, \$23,255.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$22	\$32	\$30	\$60	\$36
(2).....	1.30	1.00	1.00	1.00	1.00
(3).....	.02	.02	.02	.05	.15
(4).....	2.00	.75	1.00	3.00	.75
(5).....	4.00	3.00	2.00	10.00	1.50
(6).....	.75	2.00	.75	.30	1.00
(7).....	1.50	1.00	4.50	5.00	.50
(8).....	.20	.20	.40	.50	.50
(9).....	.25	.20	.50	.50	.50
(10).....	.30	.20	.60	.50	.75
(11).....	.90	1.35	2.25	4.00	2.50
(12).....	.90	1.35	2.25	4.00	2.50
(13).....	2.50	1.00	2.00	5.00	2.00
(14).....	.03	.05	.04	.07	.03
(15).....	.03	.05	.03	.06	.03
(16).....	.035	.15	.14	.25	.07
(17).....	2.50	1.00	3.00	4.00	2.00

CONTRACT AWARDED

HUMBOLDT CO., Nev.—Dodge Construction Co., Inc., Fallon, Nevada, at \$2,997.25 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for approximately 0.46 miles of roadside improvement from the intersection of Giroux and Melarkey Sts. to the Intersection of Melarkey St. and Paradise Ave., Route 8, Section A1, in the City of Winnemucca, Humboldt Co., Nev.

Andrew J. Clausen, Berkeley, at \$3,379.75 submitted second low bid.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

HUMBOLDT COUNTY, Nev.—W. W. Clyde & Co., Springfield, Utah, at \$131,915.34 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the

construction of approximately 7.20 miles of highway system from west foot of Golconda Summit to east foot of Golconda Summit, Route 1, Sections C1, and C2, Humboldt Co., Nevada.

N. M. Ball Sons, Berkeley, at \$146,739.60 submitted second low bid.

Complete bids will be published shortly. • 29

BIDS WANTED

INYO COUNTY, Calif.—Until July 21, 3:00 P. M. bids will be received by the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, for about 0.5 miles to be graded and surfaced with road-mix surfacing in the City of Bishop between the west city limits and Main St., Inyo County, Calif.

- Work involves:
- (1) 121 thousand gals. water;
 - (2) 1,440 cu. yds. roadway excavation with classification;
 - (3) 4,860 cu. yds. imported borrow;
 - (4) 27 sta. finishing roadway;
 - (5) 15 tons liquid asphalt, SC-2 (prime coat);
 - (6) 1,270 cu. yds. mineral aggregate (road-mix surfacing);
 - (7) 125 tons liquid asphalt, SC-3 (road-mix surfacing);
 - (8) 12 tons liquid asphalt, MC-3 (seal coat);
 - (9) 80 tons sand (seal coat);
 - (10) 60 cu. yds. salvaged surfacing sidewalk;
 - (11) 6 each adjust existing manholes to grade;
 - (12) 2 each culvert markers.
- Plans and specifications may be obtained from the above office. • 29

BIDS WANTED

YUMA CO., Ariz.—Until July 19, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the San Luis-Yuma Highway, Non F.A., AFE 9501. The work, which is to begin at the town of San Luis and extends northerly for a distance of approximately 3 miles, consists of grading and draining the roadway, importing binder material, mixing binder and local material, and oil processing the mixed material with MC-4 cutback asphalt and is to be completed on or before Oct. 31, 1938.

- The principal items are:
- (1) 17,900 c.y. dry, excav.
 - (2) 6,750 c.y. drainage excav.
 - (3) 45,000 sta. yds. overhaul;
 - (4) 10,600 c.y. mi. haul;
 - (5) 1,050 c.y. binder (CIP);
 - (6) 1,200 M. gals. sprinkling;
 - (7) 350 hours rolling;
 - (8) 8 c.y. Class A concrete;
 - (9) 250 lbs. reinf. steel (CIP);
 - (10) 109 lf. bit. coated CMP (two sizes);
 - (11) 60 MBM treated timber (CIP);
 - (12) 2,000 lf. treated timber piling (furnish and deliver);
 - (13) 48 each driving piles (treated timber);
 - (14) 1 each driving test piles;
 - (15) 1 lump sum lodiang test pile;
 - (16) 14,200 lf. resetting fence;
 - (17) 320 tons cutback asphalt (MC-4)
 - (18) 3.09 miles processing road mix;
 - (19) 3.09 miles mixing base material;
 - (20) lump sum, removal of timber bridge.
- Plans and specifications may be obtained from the office of Howard S. Rees, State Highway Engineer. Certified check for 5% must accompany each bid. • 29

BIDS OPENED

HUNTINGTON PARK, Los Angeles Co., Cal.—Griffith Co., Los Angeles Ry. Bldg., Los Angeles, at (A) \$20,877.12 submitted low bid to Huntington Park city council for improve-

ment of Salt Lake Ave. bet. Florence Ave. and Otis St., a length of approx. 3514 lf. The work involves:

- (1) 4421 c.y. grading;
- (2) 142,000 sq. ft. fine grading rolled for asphalt;
- (3) 126,468 sq. ft. asph. conc. pave. (0.6 ft. asph. concrete; 0.43 ft. base and level course; 0.17 ft. asph. conc. type B surf.; total 5961 tons);
- (4) 3620 lf. heavy curb, one sq. ft. end area;
- (5) 3,600 lf. Portland cement conc. gutters, 1.8 sq. ft. end area;
- (6) 137,304 sq. ft. scarifying and pulverizing macadam pave.; blade to side of road, excav. grading special pulverized material to new grade (864 c.y.);
- (7) 3,728 lf. removing present curb from west side of street (333 c.y.);
- (8) storm drain extension in accordance with Sec. 54, Stand. Spec.; reinf. conc. culvert; plain concrete pipe;
- (9) lump sum, 2-ft. manholes; raise 9 manhole rings and covers to new grade.

W. P. Mahood, city clerk; H. E. Robinson, city engineer.

G. C. Fisher Equip. Co., South Gate, submitted only other bid at (B) \$20,891.25.

The unit bids were:

	(A)	(B)
(1).....	\$.25	.35
(2).....	.43	.40
(3).....	.009	.0075
(4).....	2.35	2.29
(5).....	.40	.46
(6).....	3.25	1.50
(7).....	.57	.67
(8).....	730.00	562.71
(9).....	70.00	54.00

• 29

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 28, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading, draining and surfacing (base) on 1.73 miles, Section C and a portion of Section F of the Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, Coconino Co., Ariz.

- Work involves:
- (1) 7 acres clearing;
 - (2) 7 acres grubbing;
 - (3) 1,800 c.y. stripping and storing topsoil;
 - (4) 44,600 c.y. unclass. excav.;
 - (5) 35 c.y. unclass. excav. for struc.;
 - (6) 8,200 c.y. do for borrow;
 - (7) 416,000 sta. yds. overhaul;
 - (8) 8,200 c.y. mi. borrow haul;
 - (9) 1,100 lf. furrow ditches;
 - (10) 50 M. gals. watering;
 - (11) 1,700 c.y. crusher run top course
 - (12) 50 tons applying Govt.-furnished asph. material (type MC-2) for bituminous treating;
 - (13) Force account sanding;
 - (14) 9 c.y. dry rubble masonry;
 - (15) 96 lf. corr. galv. sheet metal pipe;
 - (16) 102 lf. remove, clean and relay existing CM pipe;
 - (17) 4 each culvert markers;
 - (18) Force account: obliteration of old roads;
 - (19) Force account: furnish & erect project signs.

Plans and specifications may be obtained from the above office or from the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00. • 29

BIDS OPENED

SOUTH SAN FRANCISCO—Eaton and Smith, 715 Ocean Ave., San Francisco, at \$9,933.00 submitted low bid to the South San Francisco Land and Improvement Co., 206 Linden

Ave., South San Francisco, for the following work in the City of South San Francisco:

- (1) 5,000 c.y. excavation;
- (2) 1,400 c.y. imported fill;
- (3) 3,300 lf. curb and gutter;
- (4) 15,100 sq. ft. sidewalks;
- (5) 400 lf. 4-in. lateral sewers;
- (6) 90 lf. 12-in. storm sewers;
- (7) 4 catch basins;

ALTERNATES

- (8) 44,000 sq. ft. pavement:
 - (a) stabilized subgrade base with oil and screening wearing surf., or
 - (b) asphaltic concrete.

Total bids were:

- (A) Eaton and Smith, 715 Ocean Ave., San Francisco (a) \$9,933, (b) \$13,145.
- (B) L. S. Smith, San Mateo, (a) \$10,241.

- (C) Pacific States Constr. Co., San Francisco, (a) \$11,855, (b) \$12,958.
- (D) Chas. L. Hamer, San Francisco, (a) \$11,670, (b) \$14,957.
- (E) The Fay Improvement Co., S. F., (a) \$12,263, (b) \$13,583.
- (F) Lowrie Paving Co., S. F., (a) \$16,155, (b) \$18,655.

Unit prices follow:

(1).....	.01	.25	.25	.32	.29	.50
(2).....	.42	.50	.45	.54	.65	.70
(3).....	.38	.75	.85	.77	.85	.90
(4).....	.15	.16	.135	.15	.14	.15
(5).....	.72	.60	.75	.75	.78	.80
(6).....	2.40	2.00	1.50	1.50	2.00	2.00
(7).....	130.00	85.00	80.00	70.00	78.00	85.00
(8a).....	.072	.06	1.0	.08½	.095	.15
(8b).....	.145	—	.04½	.16	.12½	.20

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 28, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading, draining and placing surfacing (base) with bituminous treatment on 6,137 miles of portions of Sections C and D of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino County, Ariz.

- Work involves:
- (1) 12 acres clearing;
 - (2) 12 acres grubbing;
 - (3) 4,700 c.y. stripping and storing topsoil;
 - (4) 27,000 c.y. unclass. excav.;
 - (5) 20 c.y. do for struc.;
 - (6) 17,500 c.y. do for borrow;
 - (7) 47,100 sta. yds. overhaul;
 - (8) 35,200 c.y. mi. borrow haul;
 - (9) 1,500 lf. furrow ditches;
 - (10) 3,050 miles fine grading subgrade and shoulders;
 - (11) 222 M. gals. watering;
 - (12) 10,000 tons of crushed run top course;
 - (13) 170 tons applying Govt.-furnished asph. material (Type SC-2) for bituminous treatment;
 - (14) Force account: sanding;
 - (15) 10 c.y. cement rubble masonry;
 - (16) 30 lf. corr. galv. sheet metal pipe;
 - (17) 68 lf. remove, clean and relay existing CM pipe;
 - (18) 28 each culvert markers;
 - (19) Force account: obliteration of old roads.

Plans and specifications may be obtained from the above office or from the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00. • 29

GUSTINE, Merced Co., Calif.—Until July 22, 8:00 P. M. bids will be received by the Board of High School Trustees of the Gustine Union High School District, Gustine, for completing certain paving base at the Gustine High School, Merced Co.

Plans and specifications may be obtained from W. E. Bedesen, Civil Engineer, Merced, Calif. • 29

BIDS WANTED

WALLOWA CO., Ore.—Until July 22, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing approximately 0.996 mi. of Flora-Enterprise Highway, Grading Project 38-C, National Forest Road Project, located within Wallowa National Forest, Wallowa Co.

- Work involves:
- (1) 15 acres clearing;
 - (2) 9 acres grubbing;
 - (3) 136,590 c.y. unclass. excav.;
 - (4) 120,000 sta. yds. special overhaul;
 - (5) 1,064 lf. culverts (alternate);
 - (6) 550 lf. corrug. galv. sheet metal pipe (spilways).
- Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS WANTED

DOUGLAS CO., Ore.—Until July 22, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing approximately 3.850 mi. (including wye to Diamond Lake Highway) of the Cascade Lake Highway, Surfacing Project 46-A3, B1, National Forest Road Project, located within the Umqua National Forest, Douglas Co., Ore.

- Work involves:
- (1) 3.850 miles fine grading subgrade and shoulders;
 - (2) 10,600 tons heavy base course, 1½ inch. material;
 - (3) 8,400 tons crushed run top course
 - (4) 1,000 units watering;
 - (5) 150 tons cutback asphalt, MC-2 grade for prime coat.
- Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

CONTRACT AWARDED

HUMBOLDT CO., Nevada.—W. W. Clyde & Co., Springfield, Utah, at \$131,915.34 submitted low bid and was awarded contract by State of Nevada, Directors of Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the construction of approximately 7.20 miles of highway system, from west foot of Golconda Summit to east foot Golconda Summit, Route 1, Sections C1 and C2, Humboldt County, Nev.

- Work involves:
- (1) 80 hours 75-h.p. crawler type tractor;
 - (2) 56 hours 75-h.p. tractor with power scraper;
 - (3) 80 hours 10-ft. blade grader;
 - (4) 200 hours motor grader with scarifier;
 - (5) 200 hours 1½-ton truck;
 - (6) 56 hours 75-h.p. tractor with bulldozer or angledozer;
 - (7) force account, special detours;
 - (8) 10,925 tons selected detour surfacing;
 - (9) 24,989 ton mi. haul do;
 - (10) 272 lf. remove culvert pipe;
 - (11) 18 each remove beagwalls;
 - (12) 85,780 sq. yd. remove and stockpile readymix surf.;
 - (13) 136,897 c.y. rdwy. excav.;
 - (14) 1,565 c.y. drainage excav.;
 - (15) 58 sta. "V" type ditches;
 - (16) 245 sta. slope rounding;
 - (17) 25,254 yd. sta. overhaul;
 - (18) 3,195 yd. m. overhaul;
 - (19) 1,160 c.y. struc. excav.;
 - (20) 1,350 c.y. backfill;
 - (21) 7.20 miles subgrade, Type B;
 - (22) force account, roadside cleanup;
 - (23) 4,696 M. gals. water;
 - (24) 36,456 tons Type 1 gravel base;
 - (25) 32,471 tons type 2, gravel base (1½-in. size);
 - (26) 204 tons liquid asphalt, type SC-1 (7½-in. size);
 - (27) 76 tons do, type MC2 (seal);
 - (28) 610 tons do, type SC2 (road-mix)

- (29) 7.20 miles roadmix;
- (30) 4.85 miles roadmix (detours);
- (31) 5,612 c.y. class B aggregate;
- (32) 342 c.y. Slava A concrete;
- (33) 19 c.y. Class B concrete;
- (34) 36,225 lbs. reinf. steel;
- (35) 120 lf. 15-in. corrug. metal pipe;
- (36) 358 lf. 18-in. do.;
- (37) 460 lf. 24-in. do.;
- (38) 202 lf. 30-in. do.;
- (39) 106 lf. 36-in. do.;
- (40) 39 lf. relay culvert pipe;
- (41) 47 c.y. grouted hand laid trap;
- (42) 41 each move pipe culvert headwalls;
- (43) 1,550 lf. beam type metal guard rail;
- (44) 50 each culvert markers;
- (45) 4 each guide posts;
- (46) 95 each monuments

- Total bids follow:
- (A) W. W. Clyde & Co., Springfield, Utah, \$131,915.34
 - (B) N. M. Ball Sons, Berkeley, Cal., \$146,719.60
 - (C) Utah Const. Co., Ogden, Utah, \$150,345.13
 - (D) Dodge Construction, Inc., Fallon Nev., \$161,176.32
 - (E) Isbell Const. Co., Reno, \$170,692.06

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$4.50	6.00	5.00	5.00	7.50
(2)	7.00	7.00	7.00	6.00	7.50
(3)	2.30	1.50	1.50	2.00	1.25
(4)	4.00	1.50	5.50	4.00	5.00
(5)	2.00	2.00	2.25	2.00	2.00
(6)	5.50	6.00	6.00	6.00	7.50
(7)	2100.00	2100.00	2100.00	2100.00	2100.00
(8)	.20	.25	.25	.25	.20
(9)	.065	.15	.07	.12	.10
(10)	.50	.50	.50	1.00	.50
(11)	5.00	5.00	5.00	5.00	5.00
(12)	.03	.03	.03	.03	.03
(13)	.27	.31	.33	.38	.47
(14)	.20	.40	.40	1.00	.47
(15)	6.00	5.00	4.00	5.00	5.00
(16)	5.00	5.00	5.00	5.00	5.00
(17)	.01	.01	.01	.015	.01
(18)	.15	.10	.15	.15	.20
(19)	1.00	1.25	1.35	1.50	1.50
(20)	.50	.60	.50	.50	.50
(21)	90.00	100.00	125.00	150.00	225.00
(22)	2500.00	2500.00	2500.00	2500.00	2500.00
(23)	2.50	1.60	1.50	2.00	1.60
(24)	.32	.39	.38	.40	.35
(25)	.36	.55	.60	.55	.50
(26)	14.50	16.00	16.00	14.90	20.00
(27)	15.00	16.00	16.00	16.90	20.00
(28)	15.00	16.00	16.50	15.40	20.00
(29)	450.00	400.00	400.00	400.00	400.00
(30)	350.00	400.00	300.00	400.00	250.00
(31)	.30	.40	.35	.36	.40
(32)	28.00	27.00	26.00	28.00	30.00
(33)	28.00	30.00	30.00	28.00	30.00
(34)	.06	.06	.065	.07	.065
(35)	1.60	1.70	1.75	2.15	2.00
(36)	1.90	2.10	2.25	2.35	2.30
(37)	2.75	3.00	3.25	3.15	3.35
(38)	3.50	4.00	4.00	3.75	4.10
(39)	5.50	6.00	6.00	5.60	6.15
(40)	1.00	1.00	1.00	1.00	1.00
(41)	7.50	5.00	15.00	11.25	12.00
(42)	19.00	10.00	10.00	10.00	10.00
(43)	1.25	1.25	1.40	1.40	1.50
(44)	3.00	3.00	3.00	3.00	3.50
(45)	4.00	3.00	3.00	3.00	3.50
(46)	3.00	3.00	3.00	3.00	3.50

CONTRACT AWARDED

HUMBOLDT COUNTY, Nevada.—Dodge Construction Inc., Fallon, at \$2,997.25 submitted low bid to the State of Nevada, Directors of the Department of Highways, Heroes' Memorial Building, Carson City, Nevada, for approximately 0.46 mile of roadside improvement from the intersection of Giroux and Melarkey Streets to the intersection of Melarkey Street and Paradise Avenue, Route 8, Section A1, in the City of Winnemucca, Humboldt Co., Cal.

- Work involves:
- (1) 4,650 lf. 2-in. water pipe;

- (2) 500 lf. 3-in. water pipe;
 - (3) 65 each, outlets.
- Total bids follow:
- (A) Dodge Construction Inc., Fallon, \$2,997.25.
 - (B) Andrew J. Clausen, Berkeley, Calif., \$3,379.75.
 - (C) W. E. Humes, Reno, \$4,630.50.
 - (D) Nevada Rock & Sand Co. Inc., Reno, \$4,682.50.
 - (E) Isbell Constr. Co., Reno, \$4,682.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)				
(1)	5.50	.....	\$75	.....	\$80	.....	\$75	
(2)	1.00	.....	.98	.....	2.00	.....	1.60	2.00
(3)	2.65	.....	2.25	.....	2.20	.....	2.50	3.00

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Eaton and Smith, 715 Ocean Ave., San Francisco, at \$1,521.60, awarded contract by the Department of Public Works, Room 231, City Hall, for improving the crossing of Felton and Oxford Sts.

BIDS WANTED

GRANT COUNTY, Ore.—Until July 22, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing 2.196 miles John Day-Burns Highway, Reconstruction Grading Project 35-A5, National Forest Road Project, located within the Malheur National Forest, Grant Co.

- Work involves:
- (1) All req. maintenance of special detours;
 - (2) 27 acres clearing;
 - (3) 17 acres grubbing;
 - (4) 502,250 c.y. unclass. excav.;
 - (5) 75,000 sta. yds. special overhaul
 - (6) 2,196 miles finishing earth graded roads
 - (7) 1,490 lf. culverts (alternate).
- Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS WANTED

STATE OF OREGON.—Until July 21, 9:00 A. M. bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, Oregon, for highway construction, as follows:

Deschutes County.—Bend Section of Century Drive Secondary Highway, State Project, 12 miles grading and 0.7 mile surfacing and road mix surface treatment. Requires approximately 6,500 cu. yds. excavation; 1,600 cu. yds. pitrun cinders; 1,800 cu. yds. pit-run gravel; and 8,200 sq. yds. road mix surface treatment.

Klamath County.—Malone-California Line Section of Whitney County Road, Federal Aid Secondary Project No. FAS 17-A (1) 1.51 miles road mix surfacing. Requires approximately 500 cu. yds. pit-run gravel shoulder materials; and 17,600 sq. yds. road mix surface treatment.

Multnomah County.—Sandy Boulevard Section of Columbia River Highway, in Portland, Federal Air Project No. 301-A (1) 1.79 miles paving. Requires approximately 2,600 cu. yds. excavation; 160 cu. yds. concrete curb; 850 yds. concrete sidewalks and driveway; 7,000 sq. yds. Portland cement concrete pavement; 2,800 cu. yds. Portland cement concrete base; and 58,000 sq. yds. asphaltic concrete pavement.

Plans and specifications may be obtained from State Highway Commission, Room 322, State Office Bldg., Salem, Oregon upon the deposit of \$5.00. * 29

BIDS WANTED

WHITE PINE COUNTY, Nev.—Until July 22, 1:30 P. M. bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 9.79 miles of the State Highway from East Ely to McGill, Route 2, Section D3, White Pine County, Nev.

- Work involves:
- (1) 40 hr.; motor grader with 10-inch blade;
 - (2) 40 hr.; 75 h.p. tractor with angled roller or bulldozer;
 - (3) 100 hr.; 1½-ton truck;
 - (4) Force acct.; special detours.
 - (5) 2000 ton selected detour surfacing.
 - (6) 3346 ton ml.; haul on selected detour surfacing;
 - (7) 4184 lin. ft.; remove fence;
 - (8) 915 lin. ft.; remove culvert pipe.
 - (9) 9 each.; remove headwalls.
 - (10) 103440 sq. yds.—remove and stockpile roadmix surfacing;
 - (11) 72481 cu. yd.—roadway excavation;
 - (12) 2025 cu. yd.—drainage excavation;
 - (13) 24 sta. "V" type witches;
 - (14) 175608 yd. st.—overhaul (yd. sta.);
 - (15) 3821 yd. ml.—overhaul (yd. ml.);
 - (16) 1045 cu. yd.—structure excavation;
 - (17) 850 cu. yd. backfill.
 - (18) 8.79 mile subgrade, type "B."
 - (19) Force account—roadside clean-up;
 - (20) 5671 M gal water.
 - (21) 49394 ton type 1 gravel base;
 - (22) 52998 ton type 2 gravel base (1½ inch size);
 - (23) 354 ton liquid asphalt, type SC-1A (prime);
 - (24) 103 ton liquid asphalt, type RC-2 (seal);
 - (25) 415 ton liquid asphalt, type SC-2 (roadmix);
 - (26) 8.79 mile roadmix;
 - (27) 8 each, roadmix intersections;
 - (28) 10600 cu. yd. salvaged aggregate;
 - (29) 170 cu. yd. class "A" concrete;
 - (30) 4 cu. yd. class "B" concrete;
 - (31) 18945 lbs. reinforcing steel;
 - (32) 26 cu. yds. mortar rubble masonry;
 - (33) 230 lin. ft. 15 inch corr. metal pipe;
 - (34) 334 lin. ft. 18 inch corr. metal pipe;
 - (35) 50 lin. ft. 24 inch corr. metal pipe;
 - (36) 866 lin. ft. relay culvert pipe;
 - (37) 59 each, move pipe culvert headwalls;
 - (38) 45 cu. yds. class "A" concrete curb and gutter;
 - (39) 700 lbs. castings;
 - (40) 4040 lin. ft. reconstruct fence;
 - (41) 43 each, monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; and from the District Office of the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00, \$5.00 of which will be refunded.

* 29

CONTRACT AWARDED

BUTTE COUNTY, Cal.—Frederickson & Westbrook, P. O. Box 138, Lower Lake, at \$43,570 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for constructing a graded roadbed about 4.6 miles in length between 6 miles south and one mile south of Paradise, Butte County.

Chas. L. Harney, San Francisco, at \$38,330 submitted low bid and was awarded the contract but forfeited his deposit.

* 29

SAN FRANCISCO—IMPROV. BERNAL AVE.—(CITY)

SAN FRANCISCO—The Fay Improvement Co., 760 Market St., San Francisco, at \$47,206.60 submitted low bid to Department of Public Works, Room 251, City Hall, under Spec. No. 10,098, for the improvement of Bernal Avenue and Arlington St. Estimated cost, \$55,000.

Work involves:

- (1) 42,550 sq. ft. asph. conc. pave. (2-inch 8-inch), including excavation;
- (2) 320 tons asph. conc. wearing surface;
- (2a) 460 tons asph. conc. binder;
- (2b) 80 c.y. waterbound macadam base;
- (3) 57,650 sq. ft. asph.-conc. pave. (2-inch to 6-inch), including excavation;
- (4) 2,400 lin. ft. concrete curb (un-armored);
- (5) 23,650 sq. ft. concrete sidewalk (two-course);
- (6) 4,600 sq. ft. asph.-conc. sidewalk, 1-inch;
- (7) 600 lin. ft. concrete coping (white);
- (8) 13 c.y. conc. (class A);
- (9) 112 c.y. conc. (class B);
- (10) 8,500 lbs. reinf. steel;
- (11) 136 lin. ft. pipe railing;
- (12) 280 lin. ft. wood bulkhead;
- (13) 420 lin. ft. wood guard rail;
- (14) 3,300 lin. ft. remove wire fence;
- (15) 3,300 lin. ft. paint existing coping;
- (16) lump sum, raising and recondi-

- tioning electrollers;
- (17) lump sum, raising and reconditioning junction and pul boxes;
- (18) lump sum, new street lighting conduits;
- (19) lump sum, slide repairs;
- (20) 4 each, repair and raise man-holes;
- (21) 8 each, repair and raise catch-basins;
- (22) 230 lin. ft. 18-in. VCP sewer;
- (23) 500 lin. ft. 12-in. VCP sewer;
- (24) 220 lin. ft. 10-in. VCP culvert;
- (25) 100 lin. ft. 6-in. VCP side sewer;
- (26) 7 each, 18-in. by 6-in. VCP Y or T branches;
- (27) 1 each, 9-light warning reflector;
- (28) lump sum, detour signs;
- (29) 1,250 sq. ft. 6-in. concrete pavement;
- (30) 1,440 lin. ft. combined concrete curb and gutter (white);
- (31) 340 lin. ft. combined concrete coping and gutter (white);
- (32) 5,700 sq. ft. roughening sidewalk.

Total bids follow:

- (A) The Fay Improvement Co., 760 Market St., San Francisco, \$47,206.60.
- (B) Chas. L. Harney, \$48,875.30.
- (C) Eaton & Smith, \$49,494.55.
- (D) M. J. Lynch, \$51,927.45.
- (E) Pacific States Const. Co., \$52,800.50.
- (F) E. J. Treacy, \$62,778.70.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$.253	\$.26	\$.29	\$.275	\$.25	\$.33
(2)	4.67	4.40	3.90	4.00	4.50	5.50
(2a)	3.20	3.85	3.50	3.90	4.00	4.40
(2b)	2.30	1.35	2.36	2.00	1.75	3.00
(3) .....	.22	.225	.22	.24	.21	.285
(4) .....	.75	.60	.53	.60	.60	.60
(5) .....	.13	.13	.135	.13	.14	.16
(6) .....	.095	.07	.06	.08	.05	.10
(7)	1.20	1.15	.90	1.50	1.40	1.30
(8)	52.00	85.00	65.00	40.00	60.00	75.00
(9)	23.00	25.00	21.00	22.50	26.00	30.00
(10) .....	.05	.05	.05	.06	.06	.05
(11)	2.00	1.80	1.90	2.50	3.00	4.00
(12)	3.85	4.50	6.60	5.00	5.00	5.00
(13) .....	.85	.75	.95	2.00	1.00	3.00
(14) .....	.13	.10	.01	.15	.15	.20
(15) .....	.045	.15	.12	.03	.15	.20
(16)	761.25	427.00	470.00	730.00	800.00	678.00
(17)	393.75	110.00	90.00	380.00	400.00	390.00
(18)	288.75	170.00	120.00	160.00	350.00	350.00
(19)	2000.00	1700.00	3119.50	2500.00	3500.00	4004.90
(20)	40.00	37.00	18.00	20.00	30.00	50.00
(21)	23.00	37.00	18.00	15.00	30.00	40.00
(22)	3.85	6.00	4.70	5.25	8.50	8.50
(23)	1.47	1.70	1.40	2.00	2.00	3.00
(24)	1.50	.50	1.80	1.50	1.50	2.00
(25)	1.50	2.00	1.20	1.25	1.75	1.00
(26)	4.00	3.75	3.50	6.00	8.00	10.00
(27)	25.00	30.00	21.00	22.50	30.00	13.00
(28)	100.00	350.00	300.00	300.00	800.00	500.00
(29) .....	.22	.225	.23	.21	.21	.25
(30)	1.30	1.45	1.10	1.75	1.50	1.20
(31)	1.80	2.00	1.50	1.70	2.00	2.00
(32) .....	.05	.035	.06	.05	.07	.05

FRESNO & MADERA CO.—BRIDGE CONSTR.—(STATE)

FRESNO and Madera Cos., Cal.—S. A. Cummings, 4170 Falcon St., San Diego, at \$2,937,900 submitted the low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a bridge across the San Joaquin River about four miles northeast of Auberry, consisting of a through steel truss span with timber stringer approach spans and concrete decks, Fresno and Madera Counties.

Work involves:

- (1) 100 c.y. struc. excav.;
- (2) 40,000 lbs. bar reinf. steel;
- (3) 315 c.y. of Class A Portland cement concrete;
- (4) 192,000 lbs. struc. steel;

- (5) 2,200 lbs. cast steel;
- (6) 18 MFEM treated Douglas fir timber;
- (7) 522 l.f. timber railing;
- (8) 1 lot misc. items of work.

Total bids follow:

- (A) S. A. Cummings, 4170 Falcon St., San Diego, \$2,937,900.
- (B) Robert McCarthy, San Francisco \$2,873,000.
- (C) Albert H. Siemer and John Carcano, San Anselmo, \$30,661.50.
- (D) J. S. Metzger & Son, Los Angeles, \$31,798.00.
- (E) Trehwitt-Shields & Fisher, Fresno, \$33,589.00.
- (F) The Robertson Co., Los Angeles, \$36,454.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 6.00	\$ 5.00	\$ 3.00	\$10.00	\$20.00	\$ 7.50
(2).....	.05	.05	.05	.06	.06	.074
(3).....	19.50	25.00	22.50	25.00	25.00	30.00
(4).....	.085	.0825	.09	.085	.09	.10
(5).....	.30	.20	.25	.30	.20	.12
(6).....	115.00	112.00	100.00	120.00	100.00	141.00
(7).....	1.70	1.50	2.00	1.50	2.00	1.00
(8).....	700.00	419.00	500.00	600.00	650.00	770.00

ALAMEDA CO.—SURF. & BRIDGE CONSTR.—(CO.)

ALAMEDA COUNTY, Calif.—Palo Alto Road Materials Company, 465 California Avenue, Palo Alto, at \$44,842.50 submitted low bid to the Alameda County Board of Supervisors, Court House, Oakland, for surfacing and grading and constructing a reinforced concrete bridge on the Crow Canyon Road, Alameda Co., Calif.

- (9) 230 l.f. 24-in. do.;
- (10) 80 l.f. 36-in. do.;
- (11) clearing site.

Total bids follow:
 (A) Palo Alto Road Materials Co., 465 California Drive, Palo Alto, \$44,842.50.

- (B) Heafey-Moore Company, Oakland, \$46,289.00.
- (C) J. A. Casson, Hayward, \$46,632.50.
- (D) Robert B. McNair, Oakland, \$49,339.00.
- (E) A. Soda & Son, Oakland, \$53,584.00.
- (F) Sibley Grading & Teaming Co., Ltd., San Francisco, \$54,574.50.
- (G) E. A. Howkins & Co., S. F., \$56,499.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	.39	.348	.40	.38	.45	.49	.42
(2).....	1.75	2.25	3.00	4.40	2.00	2.50	2.75
(3).....	2.25	1.80	2.00	1.70	1.70	2.00	2.60
(4).....	15.25	21.00	18.00	21.00	23.00	23.00	22.00
(5).....	.05	.0475	.045	.0485	.05	.045	.043
(6).....	1.65	2.00	2.00	2.20	2.00	1.65	1.40
(7).....	2.25	2.25	2.00	3.20	2.50	2.10	2.00
(8).....	2.50	2.50	2.50	4.00	3.00	2.40	2.40
(9).....	3.35	3.25	3.25	4.90	3.25	3.15	3.10
(10).....	6.30	6.20	6.00	7.70	7.00	6.00	6.00
(11).....	1000.00	1600.00	1250.00	1050.00	4062.50	3800.00	5141.00

LOS ANGELES CO.—BRIDGE REPAIRS—(STATE)

LOS ANGELES, Calif.—J. S. Metzger & Son, 408 S Spring Street, Los Angeles, at \$26,245.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing a bridge across Malibu Creek about 10 miles northwest of Santa Monica, Los Angeles County.

- (7) 405 c.y. do, struc.;
- (8) 19.5 c.y. do, railing;
- (9) 624 lbs. bronze expansion plates
- (10) 490 l.f. furnish precast concrete piles including test pile;

- (11) 24 each driving do.;
- (12) 1 lot. misc. items of work.

Total bids follow:

- (A) J. S. Metzger & Son, 408 South Spring St., Los Angeles, \$26,245.
- (B) Contracting Engineers Co., Los Angeles, \$29,511.50.
- (C) Paul D. Lawrence Co., Los Angeles, \$29,882.50.
- (D) R. R. Bishop, Long Beach, \$29,958.00.
- (E) Carlo Bongiovanni, Hollywood, \$31,963.40.
- (F) Byerts & Dunn, Los Angeles, \$32,516.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 500.00	\$ 900.00	\$1100.00	\$ 475.00	\$1300.00	\$ 600.00
(2).....	8.00	3.30	6.00	4.75	4.00	10.00
(3).....	3.00	3.30	20.00	12.00	16.00	10.00
(4).....	5.00	5.50	5.00	7.00	6.00	10.00
(5).....	.05	.05	.06	.051	.05	.06
(6).....	8.00	8.00	15.00	23.00	9.50	13.00
(7).....	23.00	35.00	23.00	23.00	34.00	25.00
(8).....	60.00	65.00	55.00	82.00	60.00	60.00
(9).....	.25	.50	.15	.50	.40	.50
(10).....	3.00	2.50	1.70	1.75	2.22	2.50
(11).....	80.00	52.00	50.00	80.00	90.00	75.00
(12).....	1000.00	1400.00	1000.00	2600.00	500.00	2400.00

BIDS WANTED

SUTTER COUNTY, Calif.—Until July 25, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 "B" St., Marysville, for placing crusher run base and plant-mix surfacing borders on 12 miles between 6.7 miles and 5.5 miles west of Yuba City, District 111, Rt. 15, Section B, Sutter County, Calif.

- (2) 1,250 tons crushed run base;
- (3) 3 tons liquid asphalt, SC12 (prime coat);
- (4) 620 tons mineral aggregate (plant-mixed surfacing);
- (5) 34 tons liquid asphalt MC-4, MC-5 or MC-extra heavy (plant-mixed surfacing);
- (6) 3 tons liquid asphalt, MC-3 or MC-4 (seal coat);
- (7) 30 tons screenings, (seal coat);

Plans and specifications may be obtained from the above office.

COMPLETE BIDS

YAKIMA COUNTY, Wash.—Warren-Northwest Inc., P. O. Box 5072, Portland, at \$45,773 submitted low bid to the Yakima County Board of Commissioners, Yakima, for surface treatment with bituminous cement by penetration and road mix methods 30.65 miles of graveled roads in Yakima Co. Estimated cost \$52,389.

Total bids follow:
 Warren-Northwest Inc., P. O. Box 5072, Portland, \$45,773.00.
 Norris Bros., Burlington, \$45,886.00.
 Diesel Oil Sales Co., Seattle, \$46,022.00.
 L. Romano Engineering So., Seattle, \$47,967.00.
 F. R. Hewett, Spokane, \$52,363.00.

BIDS OPENED

LINN COUNTY, Oregon.—Colonial Const. Co., Spokane, Wash., at \$132,147.70 (metal pipe) submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for 1.597 miles of grading on the Santiam Highway, Grading Project 23-Ka, Ll, National Forest Road Project, located within the Williamette National Forest, Linn County, Oregon.

Total bids follow: (1) metal pipe;

- (2) concrete pipe:
- Colonial Const. Co., Spokane, (1) \$132,147.70; (2) \$133,198.70.
- McNutt Bros., Eugene, Ore., (1) \$132,719; (2) \$134,953.
- K. L. Goulter, Seattle, (1) \$125,182; (2) \$137,496.50.
- A. C. Greenwood Co., Inc., Portland, (1) \$136,748.70; (2) \$139,443.70.
- Kern & Kibbe, Portland, (1) \$141,909.40; (2) \$143,489.90.
- Clifford A. Dunn, Klamath Falls, Ore., (1) \$144,645; (2) \$145,129.
- Sam Orino, Portland, (1) \$147,616.50; (2) \$148,301.50.
- Leonard Slate, Multnomah, (1) \$149,464; (2) \$151,479.
- Parker - Schram Co., Portland, (1) \$151,705.40; (2) \$153,583.90.
- J. A. Lycens, Portland, (1) \$153,116.50; (2) \$154,259.

Unit prices are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. * 29

BIDS OPENED

JACKSON COUNTY, Oregon.—Clifford A. Dunn, Klamath Falls, Oregon, at \$67,107 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 7.085 miles constructing or improving the Tiller-Trail Highway, Surfacing Project 16-G4, H2, I2, J2, National Forest Road Project, located within the Rogue River National Forest, Jackson Co., Ore.

Total bids follow:
 Clifford A. Dunn, Klamath Falls, \$67,107.00.

- E. C. Hall Co., Eugene, \$67,737.00.
- McNutt Bros., Eugene, \$69,358.50.
- Babler Bros., Portland, \$73,747.00.
- A. Milne, Portland, \$84,255.50.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th Street, San Francisco. * 29

BIDS WANTED

HICKAM FIELD, T. H.—As previously reported, until July 19, 11 A. M., bids will be received by Capt. John A. Hunt, Constructing Quartermaster, Hickam Field, T. H., under Bid No. CQM 397-39-1 for performing miscellaneous grading and filling at Hickam Field. Plans and specifications obtainable from above office upon deposit of \$5 (cert. check payable to Finance Officer, U. S. Army, Honolulu, T. H. Estimated cost \$277,283. * 29

BIDS OPENED

SKAMANIA COUNTY, Wash.—Pacific Construction Co., Seattle, at \$26,461.25 (1) submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 1,433 miles constructing or improving the St. Helens Highway Grading Project, 15-AS National Forest Road Project, located within the Columbia National Forest, Skamania County, Wn.

Total bids follow: (1) Metal pipe; (2) concrete pipe.

Pacific Construction Co., Seattle, (1) \$26,461.25; (2) \$26,744.25.
F. C. Dillard, Medford, (1) \$27,004.90; (2) \$27,534.90.
Halleran Bros., Seattle, (1) \$27,191.50; (2) \$27,356.50.
J. C. Papin, Carson, (1) \$28,049.90; (2) \$28,264.90.

Cowan & Hubback, Seattle, (1) \$31,115.70; (2) \$31,115.70.

Parker-Schram Co., Portland, (1) \$31,966.90; (2) \$32,205.05.

Graham Bros. & Medley, Chehalis, (1) \$33,958.55; (2) \$34,214.05.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th Street, San Francisco.

* 29

CONTRACT AWARDED

ORANGE COUNTY, Cal.—Griffith Company, 509 Los Angeles Railway Bldg., Los Angeles, at \$12,632.90 was awarded contract by the State Division of Highways, Sacramento, for about 0.4 mile grading and paving with Portland cement concrete between 0.4 mile and 0.8 mile east of Huntington Beach, Orange County.

BIDS WANTED

FRESNO AND TULARE COUNTIES, Calif. Until July 28, 2:00 P.M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing bituminous treatment on approximately 3,981 miles, Section A, Fresno General Grant Park Approach Road, Sequoia National Forest, Fresno and Tulare Counties, Calif.

Work involves:
(1) 190 tons slow curing asphalt, type SC-1A bit. treatment;
(2) Force account sanding treated surface;
(3) Lump sum, placing stockpile embankment material;

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

* 29

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 433 Call Building, San Francisco, at \$587.60, submitted low bid to the S. F. Department of Public Works, Room 251, City Hall, for construction sidewalks on the west side of Laguna Honda Blvd., across Moraga and Noriega Streets and along the frontage of Laguna Honda Home.

Total bids follow:
Chas. L. Harney, 433 Call Bldg., S. F., \$587.60.
Love & Ham, \$619.24.
D. C. McCabe, \$632.80.
J. J. Gartland, \$632.80.

* 29

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$107,378, awarded contract by the State Division of Highways, Sacramento, for about 0.8 mi. grading and paving with Portland cement concrete, asphalt concrete and plant-mixed surfacing between Fair Oaks Ave., in South Pasadena and Glenarm St. in Pasadena, Los Angeles Co.

* 29

BIDS WANTED

MARICOPA COUNTY, Calif.—Until July 27, 10 A. M., bids will be received by Ariz. State Highway Commission, Phoenix, for construction on Mesa-Casa Grande Ruins Highway, F A 97-H, (1) (1939) AFE 8756. The work, which begins at south city limits of Chandler and extends southerly for 3½ mi., consists of widening the existing pave with Portland cement concrete and placing oil mix intersections, and is to be completed on or before Oct. 31, 1938. The work involves:

(1) 23,700 s. yds. grading under pave;
(2) 22,840 sq. yds. concr. pave;
(3) 200 cu. yds. select material;
(4) 115 tons oil mix;
(5) 5 tons cutback asphalt, MC-5;
(6) 2 tons emulsified asphalt, class A;
(7) 11 tons screenings;
(8) 2 cu. yds. struc. excav.
(9) 2 cu. yds. class A concr.;
(10) 62 lbs. reinf. steel;
(11) 23 lin. ft. 30 in. corr. metal pipe;

Howard S. Reed, State Highway Engineer.

* 29

CONTRACT AWARDED

AMADOR COUNTY, Calif.—Pacific Truck Service Inc., 646 Park Ave., San Jose, at \$3,206.88 was awarded contract by the State Division of Highways, Public Work Building, Sacramento, for furnishing and applying liquid asphalt on about 5.5 miles between 0.3 miles east of Plymouth and Fiddletown, Amador Co., Calif.

Lang Transportation Co., Los Angeles, at \$739.84 submitted low bid and was awarded the contract but due to an error in their bid forfeited the contract.

* 29

CONTRACT AWARDED

LOS ANGELES CO., Calif. Bebek & Brkich, 238 W. Florence Ave., Los Angeles, at \$94,651, awarded contract by the State Division of Highways, Sacramento, for about 0.9 mi. grading and paving with asphalt concrete, Portland cement concrete and plant-mixed surfacing, between Pasadena Ave. and Avenue 22, Los Angeles Co., Cal.

* 29

31—PIPE LINES & WELLS

BIDS WANTED

ALCATRAZ, Calif.—As previously reported until August 2, 1:00 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing the materials, and performing the work for utility pipe lines at the U. S. Penitentiary, Alcatraz, Calif.

Plans and specification may be obtained from the above office and from the office of Wm. Arthur Newman, District Engineer, 232 Federal Office Building, San Francisco.

* 31

July 13, 1938

BIDS WANTED

BISHOP, Inyo County, Calif.—Until July 20, 8:00 P. M., bids will be received by the Bishop North High School District, 269 North Fowler Street, Bishop, for drilling of a water well, furnishing casing, etc. Well is to be drilled to a depth of approximately 200 feet and will be 12-inch in diameter.

Plans and specifications may be obtained from the office of the Acting Clerk, A. L. Barlow, at the above address.

* 31

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Board of Park Commissioners, E. F. Lamb, Secretary, Golden Gate Park, San Francisco, for pipe lines at Fleishacker Pool.

Bids taken on:
(1) Inshore section, complete;
(2) Intake section, complete;
(3) Connecting section.

Bids were:
The Duncanson-Harrelson Co., (1) \$16,672; (2) \$4,060; (3) \$1,233.
M. B. McGowan Inc., (1) \$17,480; (2) \$4,500; (3) \$1,425.
Healy-Tibbitts Construction Co., (1) \$16,800; (2) \$2,760; (3) \$1,075.
A. W. Kitchan & Co., (1) \$15,762; (2) \$3,638; (3) \$1,180.

* 31

33—WATER WORKS

CONTRACTS AWARDED

GUSTINE, Merced County, Calif.—Wintroath Pumps Inc., and Simon Newman Co., were awarded contracts by the Gustine Drainage District Board of Directors, Gustine, for furnishing and installing drainage pumping plants.

Total bids follow:
Wintroath Pumps Inc., \$6,359.81.
Simon Newman Co., \$7,381.69.
R. G. Davis Co., \$5,990.92.
Johnston Pump Co., \$6,359.81.
Victor Equipment Co., \$6,459.81.
Western Pumps Ltd., \$6,359.81.
Sterling Pump Co., \$6,359.81.
Erbanks-Morse Co., \$6,359.81.
Byron Jackson Co., \$6,359.81.
Food Machinery Co., \$6,359.81.

* 33

34—PARKS AND PLAY-GROUNDS

BIDS OPENED

SANTA BARBARA, Calif.—Peterson Bros., Inglewood, at \$1,673 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscaping at the U. S. F. O., at Santa Barbara.

Other bids were:
National Evergreen Sales, Los Angeles, Calif., \$1,806.00.
Southwest Landscaping & Nursery Co., Los Angeles, \$1,844.00.
John Hartfield, Santa Barbara, Calif., \$2,489.00.
City of Kenta Nursery, Santa Barbara, Calif., \$2,979.11.

* 34

BIDS WANTED

GRASS VALLEY, Nevada Co., Cal.—Bids are now being received by the Custodian for landscape work at the U. S. P. O. at Grass Valley.

* 34

35—TUNNELS

CONTRACT AWARDED

SAN FRANCISCO.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at \$8,725.25 was awarded contract by the State Division of Highways, Public Works Building, Sacramento, for the construction of a reinforced concrete pedestrian subway extension approximately 582 ft. northerly of the San Mateo County Line in San Francisco County.
Chas. L. Harney, San Francisco, at \$8,613.51 submitted low bid but forfeited his deposit.

* 35

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER garage, \$290; 132 Lakeview; owner, Geo. M. Wilson, prem.
ALTER apts., \$490; 3565 Fillmore; owner, G. Vlantis, 3437 Fillmore; contractor, Rome Carpenter Shop 1659 Powell St.
SIGN, electric, \$350; 1758 Fillmore;

owner, Jas. Marchetti, premises; contractor, American Elec. Sign Co., 1740 Eddy St.
 ALTER dwelling, \$88; 533 Elizabeth St.; owner, L. Smith, prem.; contractor, Wm. McAlbin, 1219 Noe.
 SIGN, electric, \$250; 405 Geary St.; owner, A. Prokos, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.
 BILLBOARD, \$13; Roof of 700 Van

Ness Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
 ALTER restaurant, \$600; 299 2nd St. owner, D. McKinley, prem.; contractor, Chas. D. Grolle, 124 Lily.
 ALTER tavern, \$300; 2106 Market; owner, John Rosenfelds & Sons, premises; contractor, Berg Bros., 682 42nd Ave.
 ALTER flats, \$200; 1648 Stockton St.;

owner, Madelina Figona, prem.; contractor, Bennie D'Amico, 76 Pixley St.
 ALTER restaurant, \$150; 342 Columbus Ave.; owner, G. Malegni, 22 Bernard St.; contractor, Rome Carpenter Shop, 1659 Powell St.
 SIGN, electric, \$75; 1969 Sutter St.; owner, Buford Hats, prem.; contractor, American Elec. Sign Co., 1740 Eddy St.

SAN BERNARDINO COUNTY—BRIDGE CONSTRUCTION—(STATE)

SAN BERNARDINO CO., Calif.—Oberg Bros., 6024 Miramonte Blvd., Los Angeles, at \$15,736.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete slab bridge across Cucamonga Wash two miles east of Ontario consisting of five 22-ft. 0-in. spans and two 20-ft. 0-in. spans and two 5-ft. 6-in. cantilever spans on concrete pile bents, San Bernardino County Work involves:

- (1) 280 c.y. concrete and masonry remove and dispose of;
- (2) 1,800 c.y. rdwy. excav. unclass.;
- (3) 250 c.y. struc. excav.;
- (4) 47,000 lbs. bar reinf. steel;
- (5) 540 c.y. Class A Portland cement conc. struc.;

(A)	(B)	(C)	(D)
(1).....	\$ 1.50	\$ 2.00	\$ 4.00
(2).....	.50	.50	.50
(3).....	.80	1.50	.75
(4).....	.045	.05	.055
(5).....	20.00	14.25	18.00
(6).....	40.00	60.00	50.00
(7).....	70.00	73.15	90.00
(8).....	.85	.79	.70
(9).....	20.00	17.20	20.00
(10).....	1.40	5.35	1.00
(11).....	100.00	23.00	100.00
(12).....	300.00	240.00	200.00

- (6) 12 c.y. Class A Portland cement concrete railing;
- (7) 12 MFEM treated Douglas fir timber;
- (8) 660 l.f. furnish treated Douglas fir piles;
- (9) 33 each driving do;
- (10) 960 l.f. furnish cast in place concrete piles;
- (11) 32 each driving steel shells;
- (12) 1 lot misc. items of work.

Total bids follow:
 (A) Oberg Bros., 6024 Miramonte Blvd., Los Angeles, \$15,736.00.
 (B) A. L. Gabrielson, Arlington, \$16,406.20.
 (C) Paul D. Lawrence Co., Los Angeles, \$16,934.50.
 (D) Byerts & Dunn, Los Angeles, \$17,132.00.

- (E) J. S. Metzger & Son, Los Angeles, \$17,275.00.
- (F) C. T. and W. P. Stover, Claremont, \$17,802.90.
- (G) Claude Fisher Co., Ltd., Los Angeles, \$18,797.00.
- (H) Carlo Bongiovanni, Hollywood, \$19,105.40.
- (I) John Strona, Chino, \$19,181.60.
- (J) Dimmitt & Taylor, Los Angeles, \$19,451.00.
- (K) Contracting Engineers Co., Los Angeles, \$19,846.00.
- (L) Gibbons & Reed Co., Burbank, \$19,903.00.
- (M) L. W. Odell and Geo. J. Bock Co., Los Angeles, \$20,945.00.
- (N) Bennett & Taylor, Los Angeles, \$25,562.00.

Unit prices follow:

(J)	(K)	(L)	(M)	(N)
\$ 6.00	\$ 4.00	\$ 4.00	\$ 6.00	\$ 10.00
.25	.70	.60	.50	1.00
1.20	2.50	1.50	2.00	4.00
.055	.045	.06	.06	.055
28.00	27.00	25.00	22.00	27.00
60.00	60.00	65.00	70.00	75.00
100.00	100.00	100.00	110.00	150.00
.90	.80	.75	1.00	.90
20.00	11.00	25.00	25.00	55.00
1.20	3.00	1.80	2.50	2.30
95.00	35.00	90.00	85.00	65.00
350.00	1200.00	600.00	1000.00	1500.00

LOS ANGELES COUNTY—BRIDGE CONSTRUCTION—(STATE)

LOS ANGELES, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$67,191.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge across the Santa Clara River about five miles east of Saugas, consisting of eight spans on reinforced concrete piers and abutments, Los Angeles County.

- Work involves:
- (1) 1,800 c.y. struc. excav.;
 - (2) 323,000 lbs. bar reinf. steel;
 - (3) 1,660 c.y. of Class A Portland cement conc. struc.;
 - (4) 47.3 c.y. do for railing;
 - (5) 12,500 lbs. misc. steel;

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1) \$ 1.00	\$ 1.50	\$.90	\$ 1.00	\$ 1.00	\$ 1.50	\$ 1.60	\$.80	\$.60	\$ 2.00
(2) .048	.045	.05	.05	.05	.05	.055	.045	.05	.05
(3) 19.40	22.50	21.00	23.00	21.00	22.50	22.00	25.00	21.75	25.50
(4) 50.00	55.00	50.00	50.00	50.00	56.00	60.00	60.00	55.00	60.00
(5) 1.25	.12	.13	.145	.12	.12	.15	.16	.15	.14
(6) 1.25	1.25	1.50	1.25	1.30	1.20	2.00	1.00	2.33	1.20
(7) 40.00	36.00	45.00	35.50	45.00	37.00	40.00	25.00	26.00	30.00
(8) 6.60	10.50	11.00	7.50	12.00	14.00	7.00	24.00	13.40	7.50
(9) 600.00	500.00	1000.00	1200.00	2100.00	1000.00	1000.00	600.00	3650.00	500.00

- (6) 2,550 l.f. furnish cast in place concrete piles;
- (7) 170 each driving steel shells;
- (8) 480 l.f. bank protection fence;
- (9) 1 lot misc. items of work.

Total bids follow:
 (A) Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, \$67,191.00.
 (B) Carlo Bongiovanni, Hollywood, \$73,534.00.
 (C) Contracting Engineers Co., Los Angeles, \$73,835.00.
 (D) J. E. Haddock, Ltd., Pasadena, \$74,330.00.
 (E) Byerts & Dunn, Los Angeles, \$75,500.00.
 (F) R. Bishop, Long Beach, \$76,195.80.

- (G) J. S. Metzger & Son, Los Angeles, \$76,343.00.
- (H) R. H. Travers, Los Angeles, \$76,408.00.
- (I) John Strona, Chino, \$77,000.00.
- (J) Dimmitt & Taylor, Los Angeles, \$77,258.00.
- (K) C. O. Sparks & Mundo Engr. Co., Los Angeles, \$78,927.00.
- (L) Oscar Oberg, Los Angeles, \$80,589.40.
- (M) Gibbons & Reed Co., Burbank, \$80,909.00.
- (N) Bennett & Taylor, Los Angeles, \$88,990.00.
- (O) L. W. Odell & Geo. J. Bock Co., Los Angeles, \$90,839.50.

Unit prices follow:

(K)	(L)	(M)	(N)	(O)
\$ 2.00	\$ 1.50	\$ 1.00	\$ 3.00	\$ 1.00
.05	.045	.053	.05	.05
21.60	24.00	24.50	25.00	29.00
70.00	53.00	50.00	50.00	65.00
.15	.14	.20	.17	.20
1.70	1.20	1.30	2.00	2.50
45.00	39.00	38.00	45.00	32.00
10.00	17.00	12.25	15.00	13.25
1350.00	600.00	800.00	1500.00	1000.00

CENTRAL VALLEY PROJECT—SACTO RIVER BRIDGE—(GOV'T)

BIDS OPENED
 CENTRAL VALLEY PROJECT, Calif.—Clifford A. Dunn, Box 431, Klamath Falls, Oregon, at \$173,120 (Schedule 1) and American Bridge Company, Pittsburgh, Pa. at \$569,100 (Schedule 2—item 16) submitted low bids to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 792 for the construction of the Sacramento River structure of the Sacramento River Bridge, first crossing, relocated S.P. Railroad, Kennett Division, Central

Valley Project. Work is located nr. Redding.
 The bridge will be of steel. The three river spans will be supported on four reinforced concrete piers in the river channel and the approach spans will be supported on 68 steel bents supported on concrete pedestals. The bridge will be curved and will have a total length of 4,346 feet 3/4 inches. Each of the three river spans will be approximately 169 feet long and the 71 approach spans will be from 35 to 80 feet long. The work

is divided into two schedules, one of which covers the construction of the reinforced concrete abutments, pedestals and piers and alterations to Riverside Drive under the south end of the bridge; and the other covers the furnishing, erecting and painting of the steel superstructure, the construction of the timber deck and the abutment of the track. Bids will be considered on either or both of the following schedules. Bidders may make such stipulations as they desire regarding a combination of the

schedules, but no bid will be considered for only a part of either schedule. Provided, that items 15 and 16 of Schedule No. 2 are alternative items, and award of contract will not be made for both of these items.
 Estimated quantities and items are as follows:

SCHEDULE NO. 1

Abutments, pedestals, and piers, and alterations to Riverside Drive.

- (1) 39,000 c.y. excav. for abutments and pedestals;
- (2) excav. and backfill for piers Nos. 1, 2, 3, and 4 to elevations shown on attached drawings, lump sum;
- (3) 200 c.y. excav. for piers Nos. 1, 2, 3, and 4 below elevations shown on attached drawings;
- (4) 140 c.y. removal of pavement of Riverside Dr.;
- (5) 700 c.y. excav. for Riverside Dr.;
- (6) 7,410 c.y. conc. in abutments and pedestals;
- (7) 970 c.y. conc. in piers Nos. 1, 2, 3 and 4 below top of footings at approx. elevation 465.0;
- (8) 4,450 c.y. conc. in piers Nos. 1, 2, 3 and 4 above top of footings at approx. elevation 465.0;
- (9) 35 c.y. conc. in curbs of Riverside Dr.;
- (10) 486,000 lbs. placing reinf. bars;
- (11) 33,000 lbs. placing rag bolts, anchor bolts, and anchor-bolt sleeves;
- (12) 40 lf. laying 4-in. diam. sewer pipe with cemented joints;
- (13) 32,000 c.y. backfill about abutments and pedestals;
- (14) 400 c.y. puddling or tamping backfill about abutments and pedestals.

SCHEDULE NO. 2

Items 15 and 16 of the following schedule are alternative items, and award of contract will not be made for both of these items.

- (15) Superstructure furnishing all materials, labor and equipment and fabricating, erecting, and painting the Sac-

- ramento River Bridge, first crossing, except earthwork, concrete piers, concrete abutments, concrete pedestals, timber deck, timber walkways, timber handrails, and track; complete in accordance with the attached specifications and drawings, shipment of materials to Redding, Calif., to be made on commercial bills of lading at the expense of the contractor, lump sum.
- (16) furnishing all materials, labor, and equipment and fabricating, erecting, and painting the Sacramento River Bridge, first crossing, except earthwork, concrete piers, concrete abutments, concrete pedestals, timber deck, timber walkways, timber handrails, and track; complete in accordance with the attached specifications and drawings, shipment of materials to Redding, Cal., to be made on Government bills of lading, lump sum.
- (17) constructing timber bridge deck, walkways, and handrails and laying track; complete in accordance with the attached specifications and drawings, lump sum.

Total bids follow:

- (A) Clifford A. Dunn, Box 431, Klamath Falls, Oregon, Schedule 1, \$173,120.
- (B) American Bridge Co., Pittsburgh, Pa., Schedule 2 — (15) \$698,300, (16) \$569,100. Shipping point, Gary, Ind.
- (C) Wisconsin Bridge and Iron Co., Milwaukee, Schedule 2 — (16) \$590,875. Shipping point, Chicago, via McIrose Park, Ill.
- (D) Bates & Rogers Construction Co., Oakland, Schedule 1—\$175,863.15.
- (E) Ralph A. Bell, Monrovia, Schedule 1—\$202,507.60.
- (F) J. F. Knapp, Oakland, Schedule

- 1— \$209,265.00.
- (G) Morrison Knudsen Co., Boise, Schedule 1—\$217,789; Schedule 2—(15) \$828,800, (16) \$724,700. Shipping point — Chicago via Oakland.
- (H) Utah Construction Co., San Francisco, Schedule 1—\$224,594.50.
- (I) R. G. Clifford and C. M. Elliott and Stroud & Sealbrook, S. F., Schedule 1—\$229,250.
- (J) J. H. Pomeroy Co., Inc., S. F., Schedule 1—\$240,720; Schedule 2—(15) \$780,554, (16) \$631,104. Shipping point, Gary, Ind.
- (K) Guy F. Atkinson Co., S. F., Schedule 1—\$253,125.00.
- (L) George Pollock Co., Sacramento, Schedule 1—\$268,325.
- (M) C. W. Caletti & Co., San Rafael, Schedule 1—\$267,852.
- (N) Clyde W. Wood, Los Angeles, Schedule 1—\$273,050.
- (O) D. W. Thurston, Los Angeles, Schedule 1—\$282,602.50.
- (P) MacDonald & Kahn Co., Ltd., S. F., Schedule 1—\$283,940; Schedule 2 (15) \$890,000, (16) \$660,000. Shipping point, Gary, Ind.
- (Q) Milwaukee Bridge Co., Milwaukee, Schedule 2, (16) \$634,700. Shipping point, Milwaukee.
- (R) Moore Dry Dock Co., Oakland, Schedule 2—(15) \$823,000; (16) \$687,000. Shipping point, Chicago.
- (S) Bethlehem Steel Corp. (Subsidiary company) Schedule 2—(15) \$786,500; (16) \$761,500. Shipping point, Chicago.
- (T) Duffin Iron Co. and Oscar Dan-ields Co., Chicago, Schedule 2—(15) \$831,000, (16) \$697,300.
- (U) Steel Construction Co., San Francisco, Schedule 2—(16) \$707,875. Shipping point Birmingham, Ala. and S. F. Alternate on item 16 on Government bill of lading \$655,203.00.
- (V) Harris Structural Steel Co., Inc., New York, Schedule 2—(15) \$952,524.00; (16) \$824,592. Shipping point, Newark, New Jersey.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$.00			\$ 30 .50	1.00	.40	\$.50	\$.575	25	40	\$.50
(2)	30,000.00			37,950.00	22,000.00	60,000.00	42,900.00	73,600.00	15,000.00	66,331.00	90,000.00
(3)	5.00			14.15	10.00	10.00	10.00	7.00	12.00	7.50	12.00
(4)	2.00			.66	2.00	2.00	1.20	3.10	4.00	2.25	3.50
(5)	.75			.66	1.00	1.00	.75	.50	1.20	1.55	.30
(6)	6.00			8.40	9.70	9.00	11.00	9.15	12.00	10.50	10.00
(7)	6.00			4.75	7.50	8.00	9.00	5.30	11.00	8.50	9.00
(8)	8.50			8.60	7.90	9.00	10.00	8.90	11.00	10.90	10.00
(9)	15.00			27.75	20.00	20.00	22.00	15.00	20.00	30.00	10.00
(10)	.0125			.02	.015	.01	.015	.014	.02	.022	.0125
(11)	.03			.05	.10	.03	.12	.035	.10	.08	.05
(12)	.50			.90	1.50	.50	.90	.85	3.00	.80	.50
(13)	.20			.12	.40	.25	.20	.16	.25	.20	.15
(14)	1.00			1.25	.70	1.60	1.00	.50	.80	1.30	.75
(15)		668,300					808,800.00			755,700.00	
(16)		539,100	573,875				701,700.00			606,250.00	
(17)		30,000	17,000				20,000.00			24,854.00	

	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)
(1)	\$.40	85	1.00	1.00	.64						
(2)	85,000.00	70,000.00	90,000.00	68,500.00	128,000.00						
(3)	15.00	15.00	10.00	15.00	14.00						
(4)	2.00	2.00	1.00	1.00	4.00						
(5)	.50	.60	.25	.85	.70						
(6)	11.50	11.00	10.00	12.25	8.60						
(7)	9.50	11.00	10.00	9.60	5.50						
(8)	9.50	11.00	10.00	11.50	9.00						
(9)	15.00	20.00	15.00	15.00	28.00						
(10)	.015	.017	.015	.02	.02						
(11)	.06	.03	.08	.025	.055						
(12)	1.00	1.00	1.00	.50	2.50						
(13)	.13	.30	.10	.30	.16						
(14)	1.50	.70	1.00	.50	.90						
(15)					864,000.00		802,000	752,000.00	799,800.00		865,624
(16)					625,000.00		618,000	666,000	727,000.00	666,000	692,875.00
(17)					35,000.00		16,700	21,000	34,500.00	31,300.00	15,000.00

Stipulations:
 (G) Morrison Knudsen Co., stipulate Schedule 1 or 1 and 2 but not 2 alone.
 (J) J. H. Pomeroy Co., Inc., stipulate if Schedule 1 and 2 are awarded, deduct \$5,000 from 15 or 16.
 The bid of Clinton Bridge Works, Clinton, Iowa, arrived late.
 Official action on late bid not retained as yet.

ORANGE COUNTY—GRADE & DRAINAGE STRUCTURES— (County)

SANTA ANA, Orange Co., Calif.—
Person & Hollingsworth, 507 S. Lo-
rena St., Los Angeles, and Wilbur C.
Cole, 4314 N. Talmadge Dr., San Di-
ego, at \$241,183.59 submitted the
low bid to the Orange County Su-
pervisors for the construction of
grade and drainage structures on the
Atchison, Topeka and Santa Fe Ry.
between Corona and Scully Station
and portions of State Highway (VIII-
Riv-43-A), occasioned by the con-
struction of the Prado retarding ba-
sin, Riverside.

- (17) 38 ft. 54-in. CMP;
- (18) 24 ft. 24-in. BX 2000 D reinf.
conc. pipe;
- (19) 30 ft. 30-in. BX 2000 D reinf.
conc. pipe;
- (20) 120 ft. 42-in. BX 2000 D reinf.
conc. pipe;
- (21) 80 ft. 48-in. BX 2000 D reinf.
conc. pipe;
- (22) 160 ft. 18-in. CX 3000 D reinf.
conc. pipe;
- (23) 72 ft. 24-in. CX 3000 D reinf.
conc. pipe;
- (24) 136 ft. 48-in. CX 5000 D reinf.
conc. pipe;
- (25) lump sum, extend existing wooden
culvert;
- (26) 3.89 mi. new property fence
(highway type);
- (27) 10.65 mi. property fence (R. R.
type);
- (28) 12 each, farm gates (R. R.
type);
- (29) 12 each, drive gates (highway
type).

Total bids follow:

- Work involves:
- (1) 446 sta. clear. and grubbing;
- (2) 10,940 M. gals. watering;
- (3) 756,625 c.y. roadway excav.;
- (4) 6341 c.y. struc. excav.;
- (5) 3,962,872 sta. yds. overhaul;
- (6) 2,958 tons mineral aggregates,
plant mixed surf.;
- (7) 123 tons liq. asph., MC-5 or MC
Extra Heavy (plant mix);
- (8) 11 tons liq. asph., MC-2 (plant
mix);
- (9) 8 tons liq. asph., MC-3 (seal
coat);
- (10) 66 tons screenings (seal coat);
- (11) 375,502 lbs. reinf. steel;
- (12) 3,717 c.y. conc. (structure);
- (13) 70 ft. 18-in. CMP;
- (14) 390 ft. 24-in. CMP;
- (15) 844 ft. 36-in. CMP;
- (16) 88 ft. 48-in. CMP;

- (A) Person & Hollingsworth & Wil-
bur C. Cole, \$241,183.59.
- (B) Oswald Bros., Los Angeles, \$241,-
374.97.
- (C) Claude Fisher Co., Ltd., Los An-
geles, \$251,917.70.
- (D) Granfield, Farrar & Carlin, San
Francisco, \$254,822.81.
- (E) United Concrete Pipe Corp., Los
Angeles, \$254,843.45.

- (F) J. E. Haddock Ltd., and Crowe
Bros., Pasadena, \$255,319.11.
- (G) Gogo & Rados, Los Angeles, \$264,-
540.01.
- (H) Daley Corp., San Diego, \$270,-
756.28.
- (I) Macco Const. Co., Clearwater,
\$276,244.97.
- (J) A. S. Vinnell Co., Los Angeles,
\$279,446.69.
- (K) Geo. K. Thompson Co., Los An-
geles, \$282,717.01.
- (L) Griffith Co., Los Angeles, \$282,-
816.86.
- (M) Clyde W. Wood, Los Angeles,
\$283,107.19.
- (N) Gunther & Shirley Co., Los An-
geles, \$284,107.83.
- (O) Basich Bros., Torrance, \$286,-
276.32.
- (P) Sharp & Fellows Contr. Co., Los
Angeles, \$288,778.00.
- (Q) Utah Const. Co., San Francisco,
\$296,634.70.
- (R) Guy F. Atkinson, San Francisco,
\$308,821.78.
- (S) Geo. Pollock Co., Sacramento,
\$312,366.46.
- (T) V. R. Dennis Const. Co., San Di-
ego, \$333,738.43.
- (U) Winston Bros. Co., Los Angeles,
\$334,364.55.
- (V) Jahn & Bressi Const. Co., \$338,-
055.00.
- (W) Mitty Bros. Const. Co., Los An-
geles, \$344,281.35.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$10.00	\$14.00	\$12.00	\$10.00	\$10.00	\$7.60	\$25.00	\$16.00	\$20.00	\$7.00	\$14.00	\$8.00
(2)	.75	.60	.50	.60	.80	.70	.50	.60	.85	.70	1.15	.60
(3)	.179	.145	.17	.18	.173	.17	.18	.20	.192	.191	.19	.204
(4)	.50	.75	.65	.80	.80	.40	.80	.80	1.50	.55	.80	.88
(5)	.002	.005	.004	.003	.0025	.004	.001	.0025	.003	.003	.0025	.003
(6)	2.35	2.75	2.95	2.40	2.80	2.70	2.40	2.75	2.70	2.95	2.55	3.20
(7)	12.00	10.00	9.00	10.00	9.00	9.15	8.00	9.00	10.00	10.25	10.00	9.00
(8)	13.40	11.00	10.00	10.00	9.00	13.50	8.00	9.00	9.50	12.25	10.00	18.00
(9)	16.00	15.00	20.00	5.00	12.00	13.50	14.00	12.00	17.00	12.25	10.00	18.00
(10)	3.40	3.00	4.00	4.00	4.00	3.40	2.60	2.60	3.00	4.00	3.00	3.00
(11)	.0455	.045	.045	.045	.045	.05	.05	.045	.043	.056	.05	.05
(12)	12.90	15.50	15.00	15.00	15.50	16.00	18.00	15.00	15.00	18.00	18.00	17.00
(13)	1.55	1.80	1.60	2.00	2.50	1.90	1.60	1.80	1.70	2.00	1.60	2.00
(14)	2.45	2.70	2.50	3.00	3.30	2.75	2.30	2.65	2.50	3.00	2.50	2.60
(15)	4.70	4.90	4.70	5.50	6.00	5.00	4.50	5.25	5.00	5.00	4.60	5.00
(16)	6.45	6.40	6.40	8.00	7.00	6.60	6.00	7.00	7.00	7.00	6.40	7.00
(17)	7.55	7.60	7.30	9.00	8.00	7.60	7.50	7.80	8.00	8.00	7.35	8.00
(18)	3.50	3.30	3.00	3.25	3.30	3.00	2.60	3.60	3.50	4.00	2.85	3.50
(19)	4.80	4.60	4.50	4.50	5.00	4.35	4.00	4.80	5.00	5.00	4.10	5.00
(20)	7.00	6.55	6.50	7.00	7.40	7.00	7.00	7.00	7.70	7.50	6.80	7.00
(21)	8.10	7.85	8.50	9.00	8.55	9.00	8.55	7.60	8.25	9.00	8.50	7.80
(22)	3.15	2.75	2.85	3.00	2.90	2.80	2.50	2.90	3.00	3.50	2.61	3.00
(23)	3.55	3.35	3.55	3.50	3.30	3.50	3.10	2.60	3.00	4.00	3.25	3.50
(24)	9.40	9.00	8.90	9.50	10.50	8.90	8.00	9.50	10.00	10.00	8.10	9.50
(25)	194.00	25.00	200.00	100.00	100.00	50.00	300.00	75.00	100.00	200.00	100.00	100.00
(26)	385.00	500.00	550.00	425.00	465.00	515.00	450.00	475.00	475.00	500.00	650.00	500.00
(27)	400.00	520.00	500.00	450.00	600.00	525.00	450.00	475.00	550.00	600.00	630.00	430.00
(28)	32.00	37.50	30.00	20.00	30.00	20.00	25.00	18.00	20.00	21.00	25.00	21.00
(29)	30.00	20.00	25.00	20.00	30.00	20.00	25.00	16.00	15.00	19.00	20.00	20.00
	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	
(1)	\$10.00	\$ 5.50	\$23.00	\$ 8.00	\$17.50	\$25.00	\$ 7.00	\$10.00	\$15.00	\$ 5.00	\$50.00	
(2)	1.00	.75	1.00	.90	1.25	.80	1.50	1.50	1.25	.30	1.00	
(3)	.20	.41	.205	.2025	.185	.21	.21	.255	.24	.24	.25	
(4)	.50	1.00	1.00	.75	.90	1.10	.75	1.25	1.25	1.50	1.10	
(5)	.0025	.002	.0025	.003	.004	.004	.005	.003	.005	.005	.005	
(6)	2.95	2.90	2.70	2.80	2.90	2.75	2.50	3.00	3.00	3.00	3.80	
(7)	10.00	12.00	12.00	10.00	12.75	14.00	11.00	10.00	9.00	8.00	14.00	
(8)	10.00	14.40	10.00	10.00	12.75	17.00	12.00	10.00	18.00	9.00	15.00	
(9)	15.00	16.80	15.00	14.00	18.50	19.00	15.00	12.00	18.00	12.00	18.00	
(10)	3.00	4.00	3.50	4.50	2.90	3.00	4.50	3.00	6.00	3.00	4.50	
(11)	.05	.05	.047	.05	.058	.05	.05	.055	.05	.05	.062	
(12)	17.50	16.50	15.25	18.50	19.00	18.25	19.00	17.00	18.00	23.00	13.50	
(13)	2.50	1.65	1.70	1.75	2.00	1.75	2.50	2.00	1.90	1.75	2.00	
(14)	3.25	2.55	2.45	2.75	3.10	2.75	3.50	3.00	2.90	2.50	3.00	
(15)	5.50	4.95	4.60	5.00	5.70	5.00	6.00	5.50	5.10	5.00	4.70	
(16)	7.00	6.95	6.30	7.00	7.90	6.50	9.00	8.00	7.00	6.50	7.50	
(17)	8.00	8.00	7.25	8.50	9.00	7.60	12.00	10.50	8.25	8.00	8.00	
(18)	3.50	3.50	3.20	3.50	4.00	3.25	5.00	4.00	3.50	3.50	3.10	
(19)	5.00	4.90	4.40	5.00	5.60	4.75	6.00	5.50	5.00	5.00	5.00	
(20)	7.50	7.50	6.60	8.00	8.40	7.00	9.00	8.00	7.50	7.00	6.80	
(21)	9.00	8.65	7.60	9.50	10.00	8.00	12.00	9.50	8.25	8.00	8.00	
(22)	3.25	2.95	2.50	3.25	3.40	2.75	4.50	3.00	2.90	3.00	2.55	
(23)	3.60	3.55	3.15	4.00	4.10	3.40	5.00	4.50	3.60	3.50	3.50	
(24)	10.00	10.00	8.75	10.20	11.25	9.00	13.00	10.50	9.85	9.00	9.00	
(25)	100.00	220.00	50.00	75.00	185.00	175.00	75.00	250.00	120.00	50.00	165.00	
(26)	500.00	555.00	600.00	450.00	540.00	550.00	575.00	350.00	550.00	450.00	620.00	
(27)	500.00	495.00	600.00	400.00	540.00	620.00	500.00	320.00	530.00	450.00	575.00	
(28)	20.00	31.60	20.00	30.00	21.50	30.00	20.00	21.00	22.00	20.00	22.00	
(29)	20.00	54.30	20.00	25.00	21.50	30.00	20.00	20.00	21.00	20.00	21.00	

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Cali

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY
PERIODICAL DEPT.



A.G.C. Regional Conference
Slated Aug. 5-6

♦ ♦ ♦

*Amendments to San Francisco Building
Code Proposed*

♦ ♦ ♦

**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JULY 23, 1938

No. 30

AMENDMENTS TO BUILDING CODE DUE FOR ACTION

Structural Steel, Concrete Home Amendments Sent To Supervisors

Director Sid J. Hester of the San Francisco Department of Public Works has concurred with Superintendent John G. Little of the Bureau of Building Inspection in approving two proposed amendments to the Building Code and today will forward the amendments to the Board of Supervisors.

One amendment would permit construction of reinforced concrete dwellings, and the other affects the physical qualities of structural steel as set forth in the existing ordinance on structural steel.

Structural Steel

The proposed amendments to the structural steel ordinance requires an ultimate tensile resistance of from 60,000 to 72,000 pounds per square inch and a yield point of at least 33,000 pounds.

The existing ordinance in Section 46, requires an ultimate tensile resistance of from 60,000 to 70,000 pounds, and a minimum yield point of 30,000 pounds.

The proposed amendment also affects Section 48, changing the stress in tension and in bending on rolled steel from 18,000 to 20,000 pounds per square inch.

Concrete Dwellings

The proposed amendment, Section 133-D, would permit dwellings of reinforced concrete, one or two stories in height, with or without basements, to be constructed with bearing or partition walls of solid monolithic reinforced concrete, or of pre-cast hollow concrete masonry units reinforced after assembly, or of various combinations thereof, subject to various requirements.

"Solid monolithic reinforced concrete bearing walls shall have a minimum thickness of six inches for one-story dwellings. For two-story dwellings the first story shall have a minimum thickness of eight inches, and the second story walls a minimum thickness of six inch-

PARISH BROS. LOW ON ELDRIDGE DAM

SACRAMENTO, July 19.—Parish Brothers, Oakland, at \$45,920, today submitted the low bid to State Architect Geo. B. McDougall for construction of a water development system, including Suttentfield Dam, at Sonoma State Home, Eldridge.

The only other bidders were M. J. Ruddy, Modesto, \$49,932.60; B. A. Howkins and Co., \$57,150.80; and R. G. Clifford, \$70,682. The contract calls for construction of a rolled earth dam together with a concrete outlet tower, a steel footbridge, a concrete spillway, piping and pumps.

HIGHWAY RESEARCH BOARD TO CONVENE

The Eighteenth Annual Meeting of the Highway Research Board will be held in the building of the National Academy of Sciences and National Research Council, 2101 Constitution avenue, Washington, D. C., on November 30-December 2, 1938, according to announcement made by Roy W. Crum, Director of the Board.

es. Basement walls shall have a minimum thickness of eight inches, and shall be of reinforced concrete."

Amendments Approved

The procedure followed by the Bureau of Building Inspection in investigating the proposed amendments was similar to that employed for the recent ceramic tile ordinance. Structural Engineer Felix H. Spitzer conducted the investigation under the supervision of Superintendent John Little, contacting all interested parties. Last week the amendments were approved by Mr. Little and forwarded to Director Sid J. Hester of the Department of Public Works.

Mr. Hester yesterday approved the amendments. They will be sent to the Board of Supervisors where they will be studied by the Building Committee under Chairman Adolph Uhl.

AGC REGIONAL CONCLAVE SET FOR AUGUST 5-6

Chapter Presidents, Managers From Western States Will Meet in S. F.

Eleven western states will be represented here when the Associated General Contractors of America, Inc., holds its regional conference of chapter presidents and managers at the Palace Hotel August 5 and 6.

The conference will be opened by National President E. P. Palmer, who with National Manager Edward J. Harding and National Vice President Guy F. Atkinson, will take an outstanding part in the two days of deliberations.

President Palmer and Manager Harding will render detailed reports of the national association's accomplishments for the contracting industry during the recently concluded session of Congress, with special reference to PWA funds and the allotment of Federal aid for highway construction.

Among the highlights of the 2-day meet will be the formulation of tentative plans for the National Convention of the Associated General Contractors of America, to be held here March 5 to March 11, 1939.

This will be one of the largest San Francisco conventions during the Exposition year and, it is anticipated, will be attended by more than 10,000 leaders in the contracting industry from every state in the Union, as well as from Hawaii, Alaska and Puerto Rico.

Details of the regional conference are being arranged under the auspices of Northern California Chapter, Associated General Contractors, according to Secretary-Manager Floyd O. Booe, who with President R. G. Clifford, of the local group, is planning the program, luncheon, dinner and other functions for the two days.

A chemical farm, with vegetables growing from huge glass jars filled with chemical solution, will be a feature of the Hall of Science at the 1939 Golden Gate International Exposition.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1654	Conlin	Martin	4500
1655	Digiovanni	Pence	4000
1656	Mohler	Owner	4000
1657	P T & T	Dinwiddie	2750
1658-61	Pearson	Owner	5500
1662	Stoneson	Owner	3000
1663	Styris	Barrett	1500
1664	Sullivan	Zeller	1500
1665	Zeller	Owner	1500
1666	Calif Title	Wagner	9000
1667	Ch Jesus Christ	Owner	45000
1668	Glynn	Muller	3000
1669	McCabe	Lewis	3500
1670	Orfino	Berwick	4000
1671-2	Standard	Owner	3000
1673	Sterling	QRS	2000
1674-6	Carraro	Owner	2500
1677-8	Costello	Owner	4000
1679	Edison	Lindgren	10000
1680	Hauu	McFarland	1000
1681	Hunters Pt	Owner	1000
1682	Matulich	Graham	2650
1683	Rousseau	Owner	10000
1684	Associated Oil	Owner	5500
1685	Union Oil	Early	5000
1686	Zavosky	Bianco	4000
1687	Calif. Mkt.	Tassi	2000
1688	Forslund	Mohr	3500
1689	Huff	Elkington	1250
1690	Johnston	Hockings	1200
1691	Lee	Mullen	1475
1692	McKee	Petersen	5000
1693	Ringen	Owner	15000
1694	Salvo	Mohr	3750
1695	Blum	Royal	1875
1696	Bosco	Owner	1000
1697	Easley	Tait	15000
1698	Hassett	Marlin	6000
1699	Johnston	Owner	6000
1700	Lurie	Clarke	2000
1701	Noyan	Owner	2000
1702	Thorinson	Owner	4000
1703	Thorinson	Owner	4000

ALTERATIONS

(1654) SW UNION and Divisadero. Alter flats.
Owner—E. F. Conlin, c/o contractor.
Contractor—Wm. Martin & Son, 666 Mission Street.
Architect—Not Given. \$4,500

DWELLING

(1655) E 39th AVE. 100 S Irving St. One - story and basement frame dwelling.
Owner—Frank Digiovanni, 2439 Fillmore Street.
Contractor—J. H. Pence, 2312 35th Avenue.
Architect—Not Given. \$4,000

DWELLING

(1656) W 29th AVE. 175 S Cabrillo. One - story and basement frame dwelling.
Owner and Builder—T. E. Mohler, 625 36th Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(1657) 430 BUSH ST. Alter telephone exchange.
Owner—Pacific T. & T. Co., 140 New Montgomery Street.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg.
Architect—Not Given. \$5,000

DWELLINGS

(1658-61) E 35th AVE. 50, 25, 75 100 N Kirkhams. Four 1-story frame dwellings.
Owner and Builder—J. H. Pearson, 143 Valdez Avenue.
Architect—Not Given. \$2750 each

(1662) NE LAGUNITAS and Cran-DWELLING

leigh. Two-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$5,500

DWELLING

(1663) W BRONTE 107 S Cortland. One - story and basement frame dwelling.
Owner and Builder—Victor Styris, 4381 26th Street.
Architect—Not Given. \$3,000

ALTERATIONS

(1664) 1564 MARKET STREET. Alter store.
Owner—John Sullivan, 86 Post St.
Contractor—Barrett & Hip, 918 Harrison Street.
Architect—Not Given. \$1,500

ALTERATIONS

(1665) 326 DIVISADERO ST. Alter apartments.
Owner and Contractor—S. Zeller, 1221 Divisadero Street.
Architect—Not Given. \$1,500

LOADING PLATFORM

(1666) SW SEVENTH ST. 110 NW Brannan St. One-story Class C loading platform.
Owner—California Title & Trust Co., 148 Montgomery St.
Contractor—George Wagner, 181 So. Park.
Architect—Not Given. \$9,000

CHURCH

(1667) SW 22nd and LAWTON ST. Two-story frame church.
Owner—Church of Jesus Christ of Latter Day Saints, premises.
Architect—Walter C. Clifford, 310 Locust Street.
Engineer—C. Jefferson Sly, 251 Kearny Street. \$45,000

DWELLING

(1668) E DOUGLAS 58 S Army St. One - story and basement frame dwelling.
Owner—Harry Glynn, 526 Elizabeth.
Contractor—Martin Muller, 1490 Jefferson.
Architect—Not Given. \$3,000

FACTORY

(1669) S FELL ST. 140 E Octavia. Two-story frame factory.
Owner—A. C. and A. McCabe, 363 Fell Street.
Contractor—Lewis Const. Co., 354 Hobart St., Oakland.
Architect—Not Given. \$3,500

DWELLING

(1670) S CAYUGA 125 W Castro St. One - story and basement frame dwelling.
Owner—F. Orfino, c/o contractor.
Contractor—A. Berwick, 1525 Noe St.
Architect—Not Given. \$4,000

SERVICE STATION

(1671) NW SIXTH and Harrison. One-story steel service station.
Owner and Builder—Standard Oil Co., 225 Bush Street.
Architect—Not Given. \$3,000

SERVICE STATION

(1672) NW SIXTH and Harrison. One-story steel service station.
Owner and Builder—Standard Oil Co., 225 Bush Street.
Architect—Not Given. \$3,000

ALTERATIONS

(1673) 1049 MARKET ST. Alter store. Market St.
Owner—Sterling Furniture Co., 1049 Market St.
Contractor—QRS Neon Corp., Ltd., 690 Potrero Ave.
Architect—Not Given. \$2,000

DWELLING

(1674) S GILMAN 75 W Jennings. One - story frame dwelling.
Owner and Builder—G. Carraro, 750 Felton Street.
Architect—Not Given. \$2,800

DWELLING

(1675) S GILMAN 50 W Jennings. One - story frame dwelling.
Owner and Builder—G. Carraro, 750 Felton Street.
Architect—Not Given. \$2,800

DWELLING

(1676) S GILMAN 25 W Jennings. One - story frame dwelling.
Owner and Builder—G. Carraro, 750 Felton Street.
Architect—Not Given. \$2,800

DWELLING

(1677) W 40th AVE. 225 N Kirkhams. One - story and basement frame dwelling.
Owner and Builder—L. Costello, 782 27th Avenue.
Architect—Not Given. \$4,000

DWELLING

(1678) W 40th AVE. 250 N Kirkhams. One - story and basement frame dwelling.
Owner and Builder—L. Costello, 782 27th Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(1679) 153 GEARY ST. Alter store.
Owner—Edison Bros. Stores, Inc., c/o contractor.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St.
Architect—Not Given. \$10,000

ALTERATIONS

(1680) 338 13th ST. Alter flat and storage house.
Owner—Gus Haun, 356 12th Avenue.
Contractor—Jos. McFarland, 624 2nd Avenue.
Architect—Not Given. \$1,000

CLUBHOUSE

(1681) S INNES AVE. 225 E Donahue. One-story frame clubhouse.
Owner and Builder—Hunters Point Imp. Assn., 575 Innes Avenue.
Architect—Not Given. \$1,000

DWELLING

(1682) E 18th AVE. 200 S Noriega. One - story and basement frame dwelling.
Owner—Mathew Matulich, 1835 18th Avenue.
Contractor—Graham and Jensen, 728 35th Avenue.
Architect—Not Given. \$2,650

DWELLING

(1683) SE VALLEJO and Buchanan. Two-story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$10,000

ALTERATIONS

(1684) SW 18th AVE. and Lincoln Way. Alter service station.
Owner and Contractor—Tide Water Associated Oil Co., 79 New Montgomery Street.
Architect—Not Given. \$5,500

ALTERATIONS

(1685) NW 19th and VALENCIA.
Alter service station.
Owner—Union Oil Co., Mills Tower.
Contractor—Fred J. Early, Jr., 369
Pine Street.
Architect—Not Given. \$5,000

DWELLING

(1686) NE EDNA ST. and Flood Ave.
One - story and basement frame
dwelling.
Owner—W. H. Zavosky, 8 Seminole.
Contractor—G. Bianco, 301 Detroit.
Architect—Not Given. \$4,000

RESTAURANT

(1687) 442 PINE ST., alter restaurant.
Owner—Calif. Market Properties Co.
Merchants Exchange.
Contractor, J. A. Tassi, 268 Market
Street.
Architect—Not given \$2,000

DWELLING

(1688) S ARLETA 75 E RUTLAND.
1 story and basement, frame
dwelling.
Owner—J. G. Forslund, 518 Athens
Street.
Contractor—Rudolph Mohr and Sons.,
4482 Mission St.
Architect—Not given \$3,500

DWELLING

(1689) 16 COMMONWEALTH. Alter
dwelling.
Owner—R. Huff, 121 Sutter St.
Contractor—G. J. Elkington, Jr., 33
Sutro Heights Ave.
Architect—Not given. \$1,250

DWELLING

(1690) 3526 SACRAMENTO ST. Alter
dwelling.
Owner—P. and M. Johnston, prem-
ises.
Contractor—Hockings Service, 2216
Clemons St.
Architect—Not given \$1,200

RESTAURANT

(1691) 3093 16th St. Alter restaurant.
Owner—James J. Lee, premises.
Contractor—Mullen Mfg. Co., 60
Rausch St.
Architect—Not given. \$1,475

DWELLING

(1692) SE BALTIMORE WAY 77
SW HILL BLVD. One-story and
basement frame dwelling.
Owner—Harry B. McKee, 912 Geneva
Street.
Contractor—Henry W. Pattersen, 912
Geneva St.
Architect—Not given. \$5,000

DWELLING

(1693) N ST. GERMAIN 125 GLEN-
BROOK. Two-story and base-
ment frame dwelling.
Owner—William M. Ringen, 1331
Francisco St.
Engineer—Jas. M. Smith, 251 Kearny
Street. \$15,000

DWELLING

(1694) SE MAJESTIC 275 SW
LAKEVIEW. One-story and base-
ment frame dwelling.
Owner—G. B. Salvo, c/o contractor.
Contractor—Rudolph Mohr and Sons,
4482 Mission St.
Architect—Not given. \$3,750

ALTERATIONS

(1695) SW POLK and California.
Alter store.
Owner—Blums Confectionery, prem.
Contractor—Royal Show Case Co., 770
McAllister Street.
Architect—D. Stone, 381 Bush Street.
\$1,875

ALTERATIONS

(1696) 3150-52 CLAY ST. Alter flats.
Owner and Contractor—E. J. Boscoe,
2241 Jackson St.
Architect—Not Given. \$1,000

BOTTLING PLANT

(1697) NW SAN BRUNO and Hil-
ton. One-story Class C bottling
plant.
Owner—W. H. Easley, 1349 Steven-
son Street.
Contractor—W. C. Tait, Inc., 883 Mar-
ket Street.
Architect—Albert R. Williams, 251
Post Street.
Engineer—Robert D. Dalton, Oakland
\$15,000

DWELLING

(1698) W 31st AVE. 30 S Lincoln
Way. Two-story and basement
frame dwelling.
Owner—J. E. Hassett, 1965 Page St.
Contractor—T. J. Martin, 701 Parker
Avenue.
Architect—Not Given. \$6,000

OFFICE & LOFT

(1699) S WILLIAMS AVE. 69 West
3rd St. One-story Class C of-
fice and loft.
Owner and Builder—Louis Johnson,
666 Mission Street.
Engineer—H. A. Emerick, 1280 Indi-
ana Street. \$6,000

SERVICE STATION

(1700) OCEAN AVE., gore Alemany
and Watson. Steel service sta.
Owner—Lurie Co., 333 Montgomery.
Contractor—W. A. Clarke Jr., & Co.,
Oakland.
Architect—Not Given. \$2,000

ALTERATIONS

(1701) 154 DOWNEY. Alter apts.
Owner and Contractor—A. Noyan,
150 Downey.
Architect—Not Given. \$2,000

DWELLING

(1702) NE 29th AVE. and Vicente.
One - story and basement frame
dwelling.
Owner and Builder—F. H. Thorinson,
1630 Ocean Avenue.
Architect—Not Given. \$4,000

DWELLING

(1703) NW 28th AVE. and Vicente.
One - story and basement frame
dwelling.
Owner and Builder—F. H. Thorinson,
1630 Ocean Avenue.
Architect—Not Given. \$4,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1884	Gannon	Peterson	4800
1885	Risdon	Owner	2500
1886	Trotter	Rose	1500
1883	Flagg	Owner	4000
1887	Cinammon	Perkins	3200
1888	Erickson	Owner	3200
1889	Kelly	Bigelow	3500
1890	LaRue	Johnson	8500
1892	Ball	Goniatz	1260
1892	Ball	Goniatz	1260
1893	Blesse	George	3500
1894	Bennett	Gaubert	2950
1895	Chamberlain	Johnson	2500
1896	Curtin	Owner	5000
1897	Ingebrightsen	Leiter	4500
1898	Karematou	Owner	1200
1899	Lyon	Owner	3000
1900	Milton	Owner	3000
1901	Woodburn	Owner	7000
1903	Morby	Runo	3800
1904	Standard	Indep	2000
1905	Berland	Brown	5000
1906	Burnside	Tracy	5400
1907	Eyre	Owner	3500
1908	Groom	Golden	3500
1909	Dyer	Jordan	5000
1909	Hamilton	Golden	3500
1910	Kauffman	Sigge	5000
1911	Reinecke	Ames	2950
1912	Welch	Livingston	1500
1913	Ardahl	Owner	3250
1914	Bradhoff	Owner	1500
1915	Collins	Pereira	4000
1916	Fed Tel Bldg	Clark	1461

1917	Hearty	Jensen	3500
1918	Jacobs	Chasmar	1000
1919	Meek	Owner	2900
1920	Philbrick	Waldman	4000
1921	St. Andrews	Darling	18000
1922	Stark	Johanson	3000
1923	Urey	Pharms	5500
1924	Bauman	Thrams	5500
1925	Erickson	Swenson	3200
1926	Johnson	Stead	6000
1927	Bowdish	Beckett	1000
1928	Cooper	Gaubert	10800
1929	Hoover	Webb	2696
1930	Womack	Womack	3500

DWELLING

(1583) 4156 EASTLAKE AVENUE,
OAKLAND. One-story, five-room
dwelling.
Owner and Builder—A. J. Flagg, 3743
Loma Vista Avenue.
Architect—Not Given. \$4,000

DWELLING

(1584) 5757 COLTON BLVD., OAK-
LAND. One-story 5-rm. dwelling.
Owner—Thos. Gannon, 685 62nd Ave.
Contractor—Godfrey Peterson, 1336
Portland Ave., Albany.
Architect—Not Given. \$4,800

DWELLING

(1585) 7841 CREST AVE., OAKLAND
One-story 5-room dwelling.
Owner and Builder—Grant S. Risdon,
5977 Majestic Avenue.
Architect—Not Given. \$2,500
Also 1-story garage, \$200.

REPAIRS

(1586) 547 39th ST., OAKLAND. Fire
repairs.
Owner—Iva Trotter, 545 39th Street.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$1,500

DWELLING

(1887) 1235 TALBOT, BERKELEY
One-story 5-room frame dwelling
and garage.
Owner—Mrs. Bess Cinammon, Napa
Contractor—H. B. Perkins, 1511 Wool-
sey.
Architect—Not Given. \$3,200

DWELLING

(1888) 1048 EVELYN AVE., AL-
BANY. One-story 5-room frame
dwelling.
Owner and Builder—H. Erickson, Or-
land, Calif.
Architect—C. N. Swenson Co., 4536
Walnut St., Oakland. \$3,200

DWELLING

(1889) 1445 CURTIS, BERKELEY.
Two-story 5-room frame dwell-
ing and garage.
Owner—A. V. Kelly, 760 40th Street,
Oakland.
Contractor—J. E. Bigelow & Sons, 150
Ardmore Road, Oakland.
Architect—Not Given. \$3,500

APARTMENTS

(1890) 2412 CARLTON, BERKELEY
One-story 10-room frame apt.
and garage.
Owner—R. La Rue, 2410 Carlton St.
Contractor—R. F. Johnson and Son,
560 36th St., Oakland.
Architect—Not Given. \$8,500

DWELLING

(1891) 514 MASONIC, ALBANY. 1½
story 5-room frame dwelling.
Owner—J. Pedroni, 822 Cornell.
Contractor—C. Vis, 196 Victoria Ave.,
San Leandro.
Architect—Not Given. \$4,200

ALTERATIONS

(1892) 3124 KINGSLAND Avenue,
OAKLAND. Addition and alter-
ations.
Owner—Henry Bal, premises.
Contractor—C. Ganiats, 2082 40th A-
venue, Oakland.
Architect—Not Given. \$1,260

DWELLING (1893) 1675 GOULDIN RD., OAK- LAND. One-story 5-rm. dwelling. Owner—David C. Blesse. Contractor—Wm. George, 1201 Dwight Way, Berkeley. Architect—Not Given. \$3,500	Contractor—Independent Iron Works. Architect—Not Given. \$2,000	Contractor—Q. V. Pereira, 3301 Co- lumbia Drive. Architect—Not Given. \$4,000 Also 1-story garage, \$400.
DWELLING (1894) 3825 FRUITVALE Avenue, OAKLAND. One-story four-room dwelling. Owner—R. C. Bennett, Lakehurst Ho- tel. Contractor—Gaubert Brothers, 4735 Brookdale Ave. Architect—Not Given. \$2,950 Also 1-story garage, \$250.	ALTERATIONS (1905) 1325 WASHINGTON Street, OAKLAND. Alterations. Owner—Berland Shoe Co., premises. Contractor—Henry Brown, 1387 East 32nd Street. Architect—E. L. Alberts, 846 South Broadway, Los Angeles. \$5000	ALTERATIONS (1916) 469 12th ST., OAKLAND. Alterations. Owner—Federal Telegraph Building, 12th and Washington Sts. Contractor—Frank L. Clark, 608 16th Street. Architect—Not Given. \$1,461
REPAIRS (1895) 484 12th ST., OAKLAND. Re- pairs. Owner—Chamberlain Trustees, Russ Bldg., San Francisco. Contractor—S. G. Johnson, 4652 Do- lores Avenue. Architect—W. G. Corlett, Bank of America Bldg. \$2,500	DWELLING (1906) 3383 GUIDO ST., OAKLAND. One-story 6-room dwelling. Owner—G. H. Burnside, 2100 Rose- dale Avenue. Contractor—A. G. Tracy, 8415 Ply- mouth Street. Architect—Not Given. \$5,400 One-story garage, \$150.	DWELLING (1917) 6976 BROADWAY TERRACE OAKLAND. Two-story five-room dwelling. Owner—Phil Heraty, 488 Fairbanks. Contractor—H. K. Jensen, 2757 Rav- son Street. Architect—Not Given. \$3,500 Also 1-story garage, \$200.
DWELLING (1896) 1130 65th ST., OAKLAND. Two-story 6-room dwelling. Owner & Builder—John Curtin, 1122 65th Street. Architect—Not Given. \$5,000	DWELLING (1907) 2311 21st AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder—Frank Eyre, 1461 Alice Street. Architect—Not Given. \$3,500 One-story garage, \$178.	ALTERATIONS (1918) 3453 WILSON AVE., OAK- LAND. Alterations. Owner—R. A. Jacobus, 3453 Wilson. Contractor—C. E. Chasmar, 4257 Sut- ter Street. Architect—Not Given. \$1,000
DWELLING (1897) 5608 COLTON BLVD., OAK- LAND. One-story 5-rm. dwelling. owner—Helge Ingebrightsen. Contractor—E. T. Leiter Sons, 811 37th Street. Architect—Not Given. \$4,500	DWELLING (1908) 7125 SNAKE ROAD, OAK- LAND. One-story 5-room dwell- ing. Owner—P. N. Groom. Contractor—Golden & Ortzow, 505 E. 14th Street. Architect—Not Given. \$3,500	DWELLING (1919) 4739 FAIR AVE., OAKLAND. One-story 4-room dwelling. Owner & Builder—Jacob Meek, 1455 154th Ave., San Leandro. Architect—Not Given. \$2,900 Also 1-story garage, \$100.
GREENHOUSE (1898) 1080 EDES AVENUE, OAK- LAND. One-story greenhouse. Owner and Builder—K. Karematsu, premises. Architect—Not Given. \$1,100	DWELLING (1909) 2236 HARRINGTON Avenue, OAKLAND. One-story four-room dwelling. Owner—Kathryn Hamilton, 176 15th Street. Contractor—Goldeen & Ortzow, 505 E 14th Street. Architect—Not Given. \$3,500	DWELLING (1920) 1401 EAST 38th ST., OAK- LAND. One-story 5-rm. dwelling. Owner—E. B. Philbrick, premises. Contractor—A. E. Waldman, 5409 Foothill Blvd. Architect—Not Given. \$4,000
DWELLING (1899) 2500 23rd AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder—Chas. D. Lyon, 6501 Buena Ventura Avenue. Architect—Not Given. \$3,000 One-story garage, \$200.	DWELLING (1910) 7122 SNAKE ROAD, OAK- LAND. One-story 5-rm. dwelling. Owner—F. Kauffmann, Oakland. Contractor—Victor E. Sigge, 3912 Linwood Avenue. Architect—Miller & Warncke, 1700 Financial Center Bldg. Garage, \$200.	ADDITION (1921) 3525 KANSAS ST., OAKLAND. Addition to church. Owner—St. Andrews Methodist Ch. Contractor—Darling & Darling, 4712 E. 14th St. Architect—Geo. P. Simonds, 80 Main St., Hayward. \$18,000
DWELLING (1900) 10633 BREED AVE., OAK- LAND. One-story 5-rm. dwelling. Owner and Builder—C. E. Melton, 3408 65th Avenue. Architect—Not Given. \$3,000 One-story garage, \$200.	DWELLING (1911) 2790 MOUNTAIN Boulevard, OAKLAND. One-story five-rm. dwelling. Owner—G. R. Reinecke, 2600 Moun- tain Blvd. Contractor—H. S. and C. C. Ames, 320 Arlington Ave., Berkeley. Architect—Not Given. \$2,950 One-story garage, \$150.	DWELLING (1922) 5320 YUBA AVE., OAKLAND. One-story 5-room dwelling. Owner—H. Stark. Contractor—K. A. Johanson, 2057 High Street. Architect—Not Given. \$3,000
DWELLING (1901) 6056 OCEAN VIEW DRIVE, OAKLAND. Two-story six-room dwelling. Owner and Builder—Ridgway Wood- burn, 2600 La Cuesta. Architect—Not Given. \$7,000	ALTERATIONS (1912) 2201 ROSE ST., BERKELEY. Alterations. Owner—Miss T. Welch, premises. Contractor—W. H. Livingston, 1152 Euclid Ave. Architect—Not Given. \$1,500	SERVICE STATIONS (1923) 230 MOSS AVE., OAKLAND. Two 1-story steel service station buildings. Owner—W. F. Ulrey, 574 Roanar Rd. Contractor—C. H. Thrans, 28 Home Place. Architect—Not Given. \$5500, \$1000.
DWELLING (1902) 739 GRIZZLY PEAK BLVD., BERKELEY. One-story six-room frame dwelling and garage. Owner—Owen Dyer, 33 Forest Lane. Contractor—N. Jordan, 979 Mountain Blvd., Oakland. Architect—Not Given. \$5,000	DWELLING (1913) 36 GLENWOOD GLADE, OAKLAND. One-story four-rm. dwelling. Owner and Builder—H. V. Ardahl, 52 Glenwood Glade. Architect—Not Given. \$3,250	(1924) 2699 SHASTA RD., BERKE- LEY. Two-story, 5 room, frame dwelling and garage. Owner—Edw. Bauman. Contractor—R. F. Parks, 688 Grizzly Peak. Architect, E. S. Snyder, 2104 Addison. \$5500
DWELLING (1903) 2949 SHASTA, BERKELEY. One-story 5-room frame dwelling and garage. Owner—E. Morby, 1434-A Arch St. Contractor—Rumo & Rumo, 1222 94th Ave., Oakland. Architect—Not Given. \$3,800	REPAIRS (1914) 911 55th ST., OAKLAND. Fire repairs. Owner and Contractor—C. O. Brad- hoff, premises. Architect—Not Given. \$1,500	DWELLING (1925) 1048 EVELYN AVE., AL- BANY. One-story, 5-room frame dwelling. Owner—H. Erickson, Orland, Calif. Contractor, Carl N. Swenson Co., 4534 Walnut St. Architect—Not given. \$3200
SERVICE STATION (1904) 3048 ASHBY AVE., BERKE- LEY. Wreck and build service station. Owner—Standard Stations, Inc., 200 Eush St., San Francisco.	DWELLING (1915) 5471 HOLLAND ST., OAK- LAND. One-story 5-rm. dwelling. Owner—J. I. Collins, 1439 55th Ave.	DWELLING (1926) 690 HILLDALE, BERKELEY. One-story, 5-room frame dwelling and garage. Owner—W. Johnson, 2530 Piedmont. Contractor, F. A. Stead, 3206 Boise. Architect—A. R. Hunter. \$6000

REPAIRS
 (1927) 263 24th ST., OAKLAND.
 Fire repairs.
 Owner—J. R. Bowdish, 263 24th St.
 Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
 Architect—Not given. \$1000

APARTMENTS
 (1928) 1554-56-58-60 FRUITVALE AVE., OAKLAND. Two-story, 16-room apartments.
 Owner—Rae J. Cooper, 1554 Fruitvale Ave.
 Contractor—Gaubert Bros., 4735 Brookdale Ave.
 One-story garage, \$400.
 Architect—Not given. \$10,800

STUDIO
 (1929) 4488 REINHARDT DRIVE, OAKLAND. One-story studio.
 Owner—Kathleen D. Hoover, 4488 Reinhardt Drive.
 Contractor—Webb & Whalin, 2930 22nd Ave.

DWELLING
 (1930) 3693 DELMONT AVE., OAKLAND. One-story, 5-room dwelling.
 Owner—A. E. Womask, 3619 64th Ave.
 Contractor—Womack & Sons, 3619 64th Ave.

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
345 Matzger	Jensen	17843
346 Conlin	Martin	.....
347 Campe	Bernhardt	11580
348 G G Expos	Stockholm	12199

DWELLING
 (345) N JACKSON near Spruce St. Two-story and basement frame dwelling.
 Owner—Claire J. and Edward Matzger, 2153 Bush St.
 Plans by Michael Goodman.
 Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.
 Filed, July 18, '38. Dated, June 10, '38.
 Framed \$4460.00
 Brown plastered 4460.00
 Completed 4460.00
 Usual 35 days 4463.00
TOTAL COST, \$17,843.00
 Bond, \$17,843. Sureties, Columbia Casualty Co. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
 (346) SW UNION and Divisadero. Alter residence to duplex flats.
 Owner—E. F. Conlin, Mills Tower.
 Architect—Farr & Ward, 68 Post St.
 Contractor—Wm. Martin, 666 Mission Street, July 18, '38. Dated, May 19, '38
 Payments and Total Cost not given. Plans and specifications filed.

FLATS
 (347) LOT 21 BLOCK 1135, Francisco Heights. Two-story and basement frame flat building.
 Owner—Jas. D. and Alice C. Campe, 960 Anza Street.
 Architect—D. E. Jaekle, 126 Post St.
 Contractor—Albert Bernhardt.
 Filed, July 18, '38. Dated, June 22, '38
 Frame erected \$2895.00
 Brown plastered 2895.00
 Completed 2895.00
 Usual 35 days 2895.00
TOTAL COST, \$11,580.00
 Limit 120 days.

CLUB HOUSE
 (348) YERBA BUENA SHOALS. Women's Club House.
 Owner—Women's Club House Assn. of the G. G. International Exposition, 401 Crocker Bldg.
 Architect—Wm. W. Wurster 260 California Street.

Contractor—Chas. Stockholm & Sons, 235 Montgomery Street.
 Filed, July 20, '38. Dated, July 18, '38
 Payments Not Given.
TOTAL COST, \$112,199.00
 Bond, \$56,100. Sureties, New Amsterdam Casualty Co. Forfeit, \$50. Plans and specifications filed.

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

0062 Jousiam	apapuy	\$761
202 Waite	Potter	4000
203 P G & E	Gest	31450

DWELLING
 (202) SE COR. LOMA VISTA AND California Sts., Oakland. Six-room frame dwelling.
 Owner—Wm. Waite.
 Architect—Not Given.
 Contractor—A. W. Potter and Sons, 6324 Camden St., Oakland.
 Filed, July 19, '38. Dated, June 9, '38.
 Foundation in \$800.00
 Frame up 800.00
 Brown plastered 800.00
 Completed 800.00
 Usual 35 days 800.00
TOTAL COST, \$4,000.00
 Limit, 90 days.

DUCT
 (203) FIRST and Grove and 22nd and Wood Sts., Oakland, and various other locations. Construction of 8-way duct.
 Owner—P. G. & E. Co., 224 Calif. Dr.
 Architect—Not Given.
 Contractor—G. M. Gest, Inc., 1216 24th Street.
 Filed, July 20, '38. Dated, July 8, '38.
 10th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$31,450.00
 Bond, \$31,450.00. Sureties, American Surety of N. Y. Plans and specifications filed.

**SAN FRANCISCO COUNTY
 PERMITS UNDER \$1000**

ALTER dwelling, \$200; 310 Crescent Ave.; owner, Marie Kirivin, premises.
 ALTER office, \$250; 843 Clay St.; owner, Louis A. Quan, 1867 Washington St.; contractor, Wong Chee Kee, 990 Washington St.
 SIGN, electric, \$200; Van Ness and Post Sts.; owner, Healds Business College, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER dwelling, \$300; 1552 La Salle St.; owner, Manuel Blanco, 1582 La Salle St.
 SIGN, electric, \$200; 550 Taylor St.; owner, Yee Dick, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 POLE, barber, \$5; 2628 Irving St.; owner, Forrest E. Stevens, premises; contractor, Deckleman Bros., 48 Turk St.
 ALTER dwelling, \$450; 635 Wawona, owner, F. Nolan, premises; contractor, Miller Const. Co., 3917 Mission St.
 SIGN, electric, \$200; 1215 Van Ness Ave.; owner, Healds College; premises; contractor, Elec. Prod. Corp., 910 Harrison St.
 HOUSE, chicken, frame, \$80; rear 399 Guttenberg St.; owner, John Kockan, premises.
 FLUES, \$75; E. Almaden 312 N. Anza; owner, Boyd C. Lindsay, premises; contractor, Walters Furnace and Sheet Metal Works, 2230 Market St.
 ALTER store, \$373; NE 2nd and Stevenson Sts.; owner, Eugene N. Fritz, 1100 Sacramento St. Plans by Conrad T. Kett, Clunio Bldg. OFFICE, sheet metal, \$100; 655 Har-

risson St.; owner, P. A. Deligianis, 42 Perry.
 SIGN, electric, \$200; Van Ness and Post Sts.; owner, Healds Business College, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER church, \$200 SE 19th and Dolores Sts; owner, Norwegian Lutheran Church, premises.
 ALTER store, \$200; 1124 Clement St.; owner, Hibernia Savings and Loan Society, premises.
 SIGN, electric, \$35; 975 Market St.; owner, Palm Garden Grill, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER dwelling, \$150; 1443 5th Ave.; owner, H. Johnson, premises; contractor, H. B. Hocking, 2216 Clement.
 ALTER flats, \$600; 345 23rd Ave.; owner, Mrs. Heddy Kenna, 842 48th Ave.
 ALTER dwelling, \$500; 1465 Green St.; owner, J. Casade, 1535 Stockton Street.
 FLUES, \$76; W Capitol 125 N. Minerva; owner, A. J. Kronquist, 919 Fell St.; contractor, Daly City Sheet Metal Works, 6512 Mission St., Daly City.
 ALTER flats, \$100; 618 Anderson; owner, W. Gallo, premises.
 ALTER dwelling, \$450; 3092 Army; owner, T. J. Lynch, 564 Valencia.
 ALTER dwelling, \$150; W Alemany 260 N. Tingley; owner, J. A. Johnson, 69 Madison St.
 ALTER store, \$25; 2558 San Bruno Ave.; owner, A. Bonneau, Shellville, Cal.; contractor, M. Broeck 1200 Bayshore Blvd.
 ALTER flats, \$150; 1406 Church St.; owner, J. Polcyn, prem.; contractor, Joel Johnson & Son, 1614 Church St.
 ALTER dwelling, \$500; 418 Athens; owner, Norman Nelson, 385 Athens St.
 ALTER flat, \$150; 1439 Hyde Street; owner, John Mazzaferri, prem.
 ALTER dwelling, \$450; 1794-96 Eddy St.; owner, Helen Doshier, 1437 Pierce St.; contractor, A. Mullerlarky, 40 Alvarado St.
 ALTER dwelling and garage, \$450; 993 Innes Ave.; owner, Paul and Helen Runge, premises.
 TIRE shop, frame, \$900; W Bayshore 12 S. Isalvs; owner, A. E. Jarkiek, 2147 Harrison St.
 ALTER hotel, \$400; 1482 Sutter St.; owner, J. B. Curtis, premises.
 SIGN, electric, \$900; 154 Van Ness Ave. South; owner, Western Auto Supply, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
 BILLBOARD, \$25; 259-51 Geary St.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
 ALTER dwelling, \$420; 444 Ellsworth owner, Austin Rodrigo, premises; contractor, Richmond Roofing & Siding Co., 3911 Geary Blvd.
 SIGN, electric, \$100; 1 Gough St.; owner, Safeway Stores, Inc., 4th and Jackson, Oakland; contractor, Crown Elec. Co., 153 Eddy.
 ALTER dwelling and store, \$350; 805 Cortland Ave.; owner, G. Laforgin, premises; contractor, Jas. Borge, 2467 Sutter St.
 ALTER dwelling, \$100; 3835 Army; owner, Alfred E. Konrad, prem.
 ALTER flats, \$400; 620 Guerrero St.; owner, D. Ferenze, prem.; contractor, S. F. Plastering Co., 107 25th St.
 ALTER flats, \$300; 246 Waller St.; owner, Frank Oliva, premises.
 FLUES, \$130; 37 Silver Ave.; owner, Carle Leantena, 137 7th Street; contractor, Carl Downell, 6084 Mission St., Daly City.
 ALTER flats, \$488; 151 17th Ave.; owner, Henry Heeseman, Oakland.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

3—CHURCHES

Segregated Bids Wanted

CHURCH Cost, \$.....
NILES, Alameda Co., Cal.
 One-story frame and stucco church; Sunday school and parsonage; composition roof, steel sash, hardwood floors, forced air heating system.
 Owner—Niles Congregational Church.
 Architect—George Patton Simonds, 80 Main St., Hayward.
 Contractor—E. E. Dias, P.O. Box 121, Niles.

Segregated bids are now being received by the architect and the contractor.
 (4381) 1st rep. June 30, 1938.

CONTRACT AWARDED

RENO, Nevada.—Boudwin & Jameson, Reno, awarded contract for the construction of a 600-seat reinf. conc. church (163x100) at the cor. of Riverside and Ralston Sts., Reno, for First Church of Christ, Scientist; cost \$100,000. Paul F. Williams, architect, 3839 Wilshire Blvd., L. A.

4—FACTORIES & WAREHOUSES

Low Bidder
INDUS. BLDG.
SAN JOSE, Santa Clara Co., Calif.
 560 North Sixth Street.
 One-story industrial building enclosing kilns.
 Owner—Garden City Pottery Co., 560 North Sixth St., San Jose.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
 Bids received for steel construction only from a selected list of contractors. Balance of work will be done by the owner.

Low Bidder—Herrick Iron Works, 1728 Campbell St., Oakland, \$26,324.

Sub-Contracts Awarded

PLANT Cost, \$110,000
SAN FRANCISCO, E Howard St.
 109 ft. N. of 13th Street.

Class B milk plant.
 Owner—Martin Dairymen's Milk Co., Ltd., 1833 Howard Street.
 Architect—Harry A. Thomsen, successor to George W. Kelham, 315 Montgomery Street.

Engineer—W. Adrian, 417 Market St.
Contractor—Barrett & Hilp, 918 Harrison Street.

Steel-forms—Steelform Contr. Co., 666 Harrison Street.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland
Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.

Elevator—Otis Elevator Co., 1 Beach Insulation—Western Asbestos Co., 675

Townsend Street.
Masonry—Wm. Railey & Son, 323 Clementina Street.

Terra Cotta—Gladling, McBean and Co., Harrison at 9th St.
Roofing—Alta Roofing Co., 976 Indiana Street.

Steel Sash—Soule Steel Co., 1750 Army Street.

Miscellaneous Steel—Sartorius Company, 2530 18th Street.

Hollow Metal—Forderer Cornice Wks., 269 Potrero Ave.

Tile Work—Malott & Peterson, 20th and Harrison Streets.

5—FLATS

Segregated Contracts Awarded
DUPLEX FLATS, Est. Cost, \$14,000
SAN FRANCISCO, NW Greenwich and Leavenworth Streets.

Two-story frame and stucco duplex flats (12 rooms); gas-steam h. g. plant, tile showers with doors, hardwood floors, tile kitchens and baths, composition roof, steel and wood sash, etc.

Owner—Withheld.
Architect—Martin J. Rist, Phelan Building.

Grading—Rosenberg Bros., 50 Merlin Street.

Roofing—Alta Roofing Co., 976 Indiana Street.

Glass—S. F. Glass Co., 5234 Mission Street.

Ornamental Iron—Otto Sempel, 1079 Folsom St.

Steel Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Streets.

Plumbing—Mike Desiano, 2453 Lombard St.

Plastering—Chas. Terranova, 2315 9th St.

6—GARAGES & SERVICE STATIONS

Being Done by Day Work
SERVICE STATION Cost, \$.....
SAMOA, Humboldt Co., Calif.
 Gasoline service station.
 Owner—Gillmore Oil Company.
 Plans by Eng. Dept. of Owner.

7—FEDERAL BUILDINGS

BIDS REJECTED

KETCHIKAN, Alaska.—Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids for linoleum for floor covering on third floor at the U. S. Post Office, Court House, Custom House and Jail at Ketchikan. Plans will be revised and work readvertised.

Previous low bid submitted by DeFryer & Co., Seattle, at \$1,161. 7

BIDS OPENED

TOPPENISH, Wash.—F. A. Denstad, Toppenish, at \$108,000 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for changes in Box Bay for Post Office at Toppenish.

Complete bids were:

F. A. Denstad, Toppenish.....\$108,000
 C. B. Hildebrandt, Toppenish. 187.00
 West Coast Const. Co., Seattle 297.00
 Walter Bros., Inc., N. Y. C..... 499.99
 Nick Hemminga, San Francisco 750.00
 B. H. Chase, Norwood, Ohio... 944.00

BIDS WANTED

ALCATRAZ, Calif.—Until Aug. 11, 1938, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of a power house at the U. S. Penitentiary, Alcatraz Island.

Plans and specifications obtainable from the above office and from the office of District Engineer Wm. A. Newman, 232 Federal Office Bldg., San Francisco.

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—Holdener Construction Co., 2608 R. St., Sacramento, at \$14,800 submitted low bid to the War Department, Constructing Quartermaster, Sacramento Air Depot, for the construction of Radio Transmitter Building at the Sacramento Air Depot. Bids received as follows:

Item (1) Furnishing all labor and material for erection and completion of one radio transmitter station. Item (2) Deduct, if garage is omitted and various changes made.

Item (3). Unit prices:
 (a) Earth excavation;
 (b) Rock excavation;
 (c) Type A concrete, inc. forms;
 (d) Type B do;
 (e) Reinf. steel, per lb.;
 (f) Sub-soil drains;
 (g) Vit. clay pipe, 6-in.

Complete bids were:

Holdener Construction Co., Sacto., (1) \$14,800; (2) ded. \$900; (a) \$150; (b) \$500; (c) \$200.00; (d) \$21.00; (e) \$110; (f) \$0.70; (g) \$0.70.

B. A. Hawkins and Co., S. F., (1) \$14,937; (2) ded. \$1000; (a) \$150; (b) \$500; (c) \$300.00; (d) \$25.00; (e) \$125; (f) \$0.50; (g) \$1.00.

MacDonald & Kahn Co., Ltd., S.F., (1) \$15,551 (includes telegraphic deduction of \$9,449); (2) ded. \$1100; (a) add. \$3.00 ded. \$0.50; (b) add \$7.00 ded. \$1.00; (c) add. \$30 ded \$6.00; (d) add \$30 ded \$6; (e) add \$130 ded \$70; (f) add \$2 ded. \$0.50; (g) add \$1.00 ded \$0.20.

BIDS OPENED

REDDING, Shasta Co., Calif.—H. L. Grohne, Decatur, Ill., at \$2,640.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new concrete floor and vents at the U. S. Post Office at Redding.

Only other bid submitted by Gen. Goehart, Colusa, at \$3,400. * 7

BIDS WANTED

SAN DIEGO, Calif.—Until August 10 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 25 moorings consisting of steel buoys chain, and anchors at the Naval Operating Base, San Diego, under Spec. No. 8805. Est. cost, \$575,000.

Drawings and specifications may be obtained from the above office and from the Commandant, 11th Naval District, foot of Broadway, San Diego, upon deposit or check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

LOS ANGELES, Calif.—Robert E. McKee, Box 5219 Metropolitan Station, Los Angeles, at \$172,945 awarded contract by the Veterans Administration, Washington, D. C., for construction of female domiciliary barracks building No. 220 at Veterans' Administration Facility, Los Angeles.

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 2, 11 A. M., bids will be received by Headquarters, 11th Naval District, foot of Broadway, San Diego, for South Extension to Final Assembly Shop, Naval Operating Base (Air Station). San Diego; Spec. 8874. The work consists in general of an extension to an existing 1-story shop building. It will have a floor area of approx 40,000 sq. ft. The work will include concrete steel and iron work, roofing and sheet metal work, steel windows, steel doors, plaster and stucco work, carpenter work, plumbing, air, steam and electrical systems; est. cost, \$100,000. Bidding data may be obtained from the above address upon deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks

CONTRACT AWARDED

SAN DIEGO, Calif.—Andrew N. Baird, 1760 Kettner Blvd., San Diego, at \$1,254, awarded contract by the 11th Naval District, Public Works Officer, foot of Broadway, San Diego, under Spec. 8729, for asphalt tile floor covering in Barracks and combined mess hall-galley-barracks bldg. at the Naval Operating Base (Air Station), San Diego. 7

CONTRACT AWARDED

COLVILLE, Wash.—R. A. Neuman, McMinnville, Ore., at \$6,529 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for remodeling base-hent at the U. S. Post Office at Colville. 7

**Bids Opened
RESIDENCE, ETC.
BAGUIO, P. I.**

Construction of the U. S. High Commissioner's summer residence; garage, servants' quarters and pump house, at Baguio, Philippine Islands.

Owner—U. S. Government. Plans by the Supervising Architect, Treasury Dept., Washington, D.C. Low Bidder—H. R. Goupe & Co., Jacksonville, Florida, \$151,200.

Complete bids were: H. R. Goupe & Co., Jacksonville, Fla., \$151,200 (a) add. \$600 (b) add. \$2,500.

Marsman Bldg., Corp., Manila, P. I., \$159,975 (a) add. \$1010. Santa Clara Lumber Co., Manila, P. I., \$177,000 (b) add. \$4000.

BIDS OPENED

SAN FRANCISCO.—R. S. Silverberg, 753 Larch St., at \$232 submitted low bid to the U. S. Marine Hospital, 14th Ave. and Lake St., for furnishing all labor and materials to make necessary repairs to front and rear porch and the basement exterior entrance doors to building No. 9

Complete bids were: R. S. Silverberg, \$232. Frank J. Reilly, \$431. Nick Hemminga, \$495. Fred J. Early, Jr., \$525. (1) 1st report. July 11, 1933. 7

CONTRACT AWARDED

SACRAMENTO, Calif.—Watson Mfg. Co., Inc., Jamestown, N. Y., at \$438.60 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing metal counters and drawers at the U. S. P. O., and Courthouse at Sacramento. 7

PREPARING PLANS

SAN DIEGO, Cal.—The Supervising Architect, Treasury Dept., Washington, D. C., is preparing plans for remodeling the old Federal building in

San Diego. The interior of the building will be improved and the present offices of the customs service, forestry department and the U. S. district courtroom enlarged and modernized; est. cost \$150,000. 7

COMPLETE BIDS

LOS ANGELES, Calif.—Montgomery Elevator Co., Moline, Ill., at \$8,353 submitted low bid to the Veterans' Administration, Washington, D. C., for electric elevator for female domiciliary barrack building No. 220, Los Angeles.

Complete bids were: Montgomery Elevator Co., Moline, Ill., \$8,353. Otis Elevator Co., Wash., D. C., \$8,767.

Kink Machine and Mfg Co., Los Angeles, Calif., \$9,164. Kimball Bros Co., Council Bluffs, Iowa, \$9,260.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—J. F. Dickson, 716 10th St., Modesto, at \$750 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous mechanical repairs at the U. S. P. O., at Modesto. 7

BIDS OPENED

SAN FRANCISCO.—Cramer Bros., 1325 Clement St., at \$1,485 submitted low bid to District Engineer Public Bldgs., Wm. Arthur Newman, Federal Office Bldg., for painting and alterations at the old U. S. Mint building.

Only other bid submitted by Reliable Painting Co., at \$1,985. 7

BIDS WANTED

SAN FRANCISCO.—Until July 28, 2 P. M., bids will be received by the Custodian of the U. S. Marine Hospital, 14th Ave. and Lake St., for installation of new elevator cables at the Marine Hospital.

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until July 29, 11 A. M., bids will be received by the Superintendent of Lighthouses, Rm. 425, Custom House, Jackson and Battery Sts., San Francisco, for construction of one frame and stucco dwelling of six rooms, at Piedras Blancas Lighthouse Reservation, located on the seacoast about six miles north of San Simeon, San Luis Obispo County.

Opening date previously reported in error.

Plans and specifications obtainable after July 15 at the above office. No deposit required.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until July 29, 11 A. M., bids will be received by Superintendent of Lighthouses, Room 425, Custom House, San Francisco, for construction of one frame and stucco dwelling, at Point Pinos Lighthouse Reservation on the coast-line, adjoining Pacific Grove, Monterey County.

Plans and specifications obtainable at the above office. No deposit required. 7

BIDS WANTED

SAN DIEGO, Cal.—Until August 2, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for six fuel Oil Storage Tanks at the Naval Operating Base (Fuel Depot), San Diego; Spec. No. 8869, est. cost \$250,000.

The work consists in general of furnishing and installing of six 55,000 barrel fuel oil tanks and appur-

tenant piping, and includes, steel and iron work, and painting.

Bidding data obtainable from the Public Works Officer, Headquarters, 11th Naval District, San Diego, upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks. 7

BIDS WANTED

SAN DIEGO, Cal.—Until August 2, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, Foot of Broadway, San Diego, for three storehouses at the Naval Operating Base (Supply Depot), San Diego; Spec. 8868. Est. cost \$200,000.

Work consists in general of two one-story concrete frame storehouses each approximately 117 feet wide and 189 feet long, and one, one story steel frame storehouse approximately 102 feet wide and 180 feet long. The work includes concrete work; steel and iron work; roofing and sheet metal work; steel windows; tubular steel doors; metal lath, plaster and stucco work, carpentry work; plumbing and electrical work.

Plans and specifications obtainable from the Public Works Officer, upon deposit of \$10, payable to the Chief of the Bureau of Yards and Docks. 7

CONTRACT AWARDED

VENTURA, Ventura Co., Calif.—Pacific Fence Construction Co., 1012 N. Highland Ave., Los Angeles, at \$235 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for chain link fence at the U. S. P. O., at Ventura. 7

BIDS WANTED

WOODLAND, Yolo Co., Calif.—Bids are now being received by the Custodian for sprinkler system, at the U. S. P. O., at Woodland. 7

BIDS WANTED

COCO SOLO, C. Z.—Until July 27, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for an extension to a hangar at the Naval Fleet Air Base, Coco Solo, C. Z., Spec. 7993. Est. cost \$135,000.

Work includes wood piles, concrete, structural steel, built-up roofing, corrugated asbestos sheet siding, metal doors and windows, a drainage system, and electrical work.

Specifications obtainable from the Bureau and from the Commandant, 15th Naval District, Balboa, C. Z., upon deposit of check or postal money order for \$20, payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

LOS ANGELES, Calif.—Montgomery Elevator Co., Moline, Ill., at \$8,353, awarded contract by the Veterans' Administration, Washington, D. C., for electric elevator for female domiciliary barrack building No. 220, Los Angeles.

8— CLUB BUILDINGS

Bond Election City Hall Cost, \$135,000

MARYSVILLE, Yuba Co., Calif. SW corner of Sixth and C Streets. Two-story Class B City Hall Bldg. (13,800 sq. ft. floor space), to contain city offices and city jail. Owner—City of Marysville. Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

The City of Marysville will vote on August 30 on a proposal to issue bonds in the amount of \$75,000 proceeds to aid in financing construction.

9—HOSPITALS

Funds Asked
HOSPITAL Cost \$150,000
SONOMA COUNTY, Calif., about 2½ miles northeast of Santa Rosa.—One-story frame and stucco tuberculosis addition to hospital.
Owner—County of Sonoma.
Architect—John B. Easterly, Healdsburg and Santa Rosa.
 Application filed for PWA grant to aid in financing.

Sub-Contracts Awarded
FEMALE CUSTODIAL BLDGS.
 Contract Price, \$490,000
IMOLA, Napa Co., Cal. Napa State Hospital.
 Erection and completion of Female Custodial buildings comprising a group of six buildings.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building Sacramento.
Contractor—James I. Barnes Const. Co., Santa Monica.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Sheet Metal—Morrison and Co., 71 Duchoe Ave., San Francisco.
Steel Windows—Michel and Pfeiffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.
Roofing—Davenport Roofing & Tiling Co., 717 C St., San Rafael.
Lathing and Plastering—Southwestern Plaster Co., Los Angeles.

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Opened
COLLEGE BLDGS.
SANTA BARBARA, Calif. Santa Barbara State College.
 Erection and completion of wood frame temporary classroom bldg., situated at the present college site; wood frame field house to be situated on the new college site near the beach; concrete bleachers to be situated on the new college site near the beach.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
Low Bidder—Nels Oakeson, 520 E. Haley St., Santa Barbara, \$36,657.
Complete bids were:
 Nels Oakeson, Santa Barbara, \$36,657 alt. 1, deduct \$2,033, alt 2, add \$4,054.
 Whittaker and Snook, L. A., \$42,500 (includes telegraphic deduction of \$1500) (\$1,880, (2) \$4,325.
 Andrew Jensen, Santa Barbara \$42,593. (1) \$1,500, (2) \$4,297.
 Harvey A. Nichols, L. A., \$43,159. (1) \$1,724, (2) \$5,000.
 Charles Urton, Santa Barbara, \$47,462. (1) \$2,200, (2) \$5,400.
 Arthur Pinner, Jr., L. A., \$47,786. (1) \$1900, (2) \$5,262.

Contract Awarded
 Cont. Price, \$112,199
CLUB BLDG. Est. Cost, \$140,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Two-story women's club house to be known as the Yerba Buena Club.
Owner—Women's Club House Association (Mrs. E. S. Heller, chairman).
Architect—Wm. W. Wurster, 260 California St., San Francisco.
Contractor—Chas. Stockholm & Sons, 235 Montgomery St., S. F.

BIDS OPENED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at \$636 submitted only bid to the Dept of Public Works, City Hall, for acousti-

cal treatment of Room 440, City Hall, including ceiling and walls. * 13

Contract Awarded
PACIFIC BUILDING
 Cont. Price \$81,980
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of the Pacific Building; Contract No. 198. One-story and mezzanine frame bldg. approx. 100 sq. ft.
Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Clinton Construction Co., 923 Folsom St., S. F.

Contract Awarded
 Cont. Price, \$18,424
EXHIBIT BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 One-story frame exhibit building to contain approx. 4000 sq. ft.
Owner—The Christian Science Monitor.
Architect—Edward G. Bolles, 681 Market St., San Francisco.
Contractor—W. C. Akard, 225 Cervantes Blvd., S. F.
 Complete Bids were:
 W. C. Akard, \$18,424.
 K. E. Parker Co., \$18,970.
 Wm. Martin, \$19,795.
 Louis C. Dunn, \$19,890.
 N. H. Sjoberg & Son, \$20,130.
 Barrett & Hilp, \$20,473.
 E. T. Leiter Sons, \$20,837.
 Fred J. Early, Jr., \$22,340.
 Miller Construction Co., \$22,987.
 Guy F. Atkinson, \$23,665.

COMPLETE BIDS
LOS ANGELES, Calif.—Robert E. McKee, Box 5219 Metropolitan Station, Los Angeles, at \$171,900 submitted low bid to the Veterans Administration, Washington, D. C., for construction of female domiciliary barrack building No. 220, containing approx. 395,000 cu. ft., at Veterans' Administration Facility, Los Angeles.

Complete basic bids follow together with alternate proposals, (a) if steel windows are used in lieu of wood, add (b) if lino is used in lieu of ash. tile.

Complete bids were:
 Robert E. McKee, Los Angeles, Item 1, \$171,900; Alt. A, \$4,300; Alt. B, \$1,045.
 Sarvar & Zoss, Los Angeles, (1) \$174,400; (A) \$5,300; (B) \$953.
 Harry F. Miller, Los Angeles, (1) \$177,166; (A) \$5,300; (B) \$1,000.
 Baruch Corp., Los Angeles, (1) \$188,710; (A) \$5,263; (B) \$1,000.
 James I. Barnes Constr. Co., Santa Monica, (1) \$182,200; (A) \$2,000; (B) \$1,000.
 Wm. P. Nell Co., Ltd., Los Angeles, (1) \$184,600; (A) \$4,000; (B) \$1,000.
 Stanton Reed Co., Los Angeles, (1) \$190,539; (A) \$5,634; (B) \$1,073.
 Campbell & Kelly, Los Angeles, (1) \$192,000; (A) \$5,000; (B) \$1,000.
 Harvey A. Nichols, Los Angeles, (1) \$193,930; (A) \$5,000; (B) \$1,000.
 O. W. Karn & H. M. Hodges, Los Angeles, (1) \$195,500; (A) \$8,000; (B) \$1,000.
 Brunzell — Jacobson, Los Angeles, (1) \$195,746; (A) no bid; (B) \$1,000.
 Chas. W. Pettiford, Long Beach, (1) \$197,000; (A) \$2,200; (B) \$1,000.
 H. Mayson, Los Angeles, (1) \$197,000; (A) \$3,845; (B) \$1,000.
 Fred F. Greenfield Co., Los Angeles, (1) \$206,662; (A) \$4,522; (B) \$850.
 Meyers Bros., Los Angeles, (1) \$209,301; (A) \$3,107; (B) \$1,045.
 Mitty Bros., Los Angeles, (1) \$239,550; (A) \$4,816; (B) \$850.

Preparing Preliminary Plans
INTERIOR Cost, \$.....
YERBA BUENA SHOALS Site of the 1939 World's Fair.
 Interior at Shasta-Cascade Wonderland exhibit building.
Owner—Shasta Co., Cal., Cascade Co., Oregon.
Architect—O. A. Deichmann, 321 Bush St., San Francisco.

To Ask Funds
JAIL Cost, \$60,000
UKIAH, Mendocino Co., Calif.
 Two-story reinforced concrete county jail (steam heat, composition roof, two cell blocks to accommodate 20 prisoners each; sheriff's offices, kitchen, psychopathic ward, women's and juvenile sections).
Owner—County of Mendocino.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Application will shortly be filed for PWA grant to assist in financing.

Plans Completed
LIBRARY Est. Cost, \$30,000
CHICO, Butte Co., Calif.
 Reinforced concrete library building.
Owner—City of Chico.
Architect—Chester E. Cole, 4418 Second St., Chico.
 General bids will be asked shortly.

July 15, 1938
Plans Completed
FIRE HOUSE Est. cost, \$40,000
CHICO, Butte Co., Calif.
 Reinforced concrete firehouse.
Owner—City of Chico.
Architect—Chester E. Cole, 4418 Second St., Chico.
 General bids will be asked shortly.

Completing Plans
POLICE STA. & JAIL Cost \$20,460
BURLINGAME, San Mateo Co., Calif.
 One and part two-story reinforced concrete police station and jail.
Owner—County of San Mateo.
Architect—James H. Mitchell, 369 Pine St., San Francisco.
 PWA grant recently allotted in the amount of \$9,207.
 General bids will be asked upon completion of plans.

Architect Selected
FIRE STATION Cost, \$.....
BAKERSFIELD, Kern Co., Calif.
 Construction of new reinforced concrete fire station.
Owner—City of Bakersfield.
Architect—Charles H. Biggar, 554 Haherfelde Bldg., Bakersfield.
 Mr. Biggar was commissioned July 11 by the Bakersfield City Council to prepare plans for the new fire station.

Bids Wanted—To Close July 28,
3 P. M.
PLASTERING Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 General plastering, buildings around North Square Court; Contract No. 135.
Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications may be obtained from the above office after 2 P. M., July 18.
BIDS WANTED
SAN DIEGO, Cal.—Until July 26, 10 A. M., bids will be received by the City of San Diego for the construction of a new reinforced concrete city jail, police station and court rooms at the foot of Market St., San Diego, a PWA project. Plans and specifications may be obtained from the city clerk upon deposit of \$50.

returnable. Certified or cashier's check or bond for 10% required.

Bids Wanted — To Close July 29, 3 P. M.

MISSOURI BLDG. Cost \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Missouri Building; Contract No. 205. Owner—S. F. Bay Exposition Co., Inc., (L. W. Cutler, Pres.), 585 Bush St., S. F.
 Plans by S. F. Exposition Architectural Commission, 585 Bush St., S. F.

Plans and specifications obtainable at the above address upon deposit of \$20.

CONTRACT AWARDED
 Cont. Pr., \$156,000.

CALIF. STATE BLDG.
YERBA BUENA ISLAND. Site of the 1939 World's Fair.

Frame and exterior construction only of the California State Bldg., a 2-story frame building with 283 ft. frontage and 235-ft. depth, irregular, to contain ballroom, Governor's suite, womens' club rooms, administration offices, 2 auditoriums to seat 250 persons each, large foyer (plyboard with resitex exterior, steel sash, composition roof) exhibit space for state's natural resources. Separate bids will be asked for interior finish, plumbing and ventilating and electrical work.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).
 Architect—State Division of Architecture (Geo. B. McDougall, State Supervising Architect).

Contractor—George A. Fuller Co., 408 So. Spring St., Los Angeles.
 Complete bids were:
 George A. Fuller Co., L. A., \$156,000.

Barrett & Hlip, S. F., \$164,538.
 Clinton Construction Co., \$168,100.
 MacDonald & Kahn Co. Ltd., S. F., \$179,971.

C. L. Wold Construction Co., S. F., \$181,330.
 Guy F. Atkinson, S. F., \$203,783.

Funds Allotted
CITY HALL Cost, \$40,000
YUBA CITY, Sutter Co., Calif.
 City Hall bldg. containing administration offices, meeting chambers police and fire department.

Owner—City of Yuba City.
 Architect—Starks & Elanders, Bank of America Bldg., Sacramento.
 The City of Yuba City will vote on a proposal July 26 to issue bonds in the amount of \$22,000 which proceeds, together with a recently allotted P W A grant of \$18,000 will finance construction.

Plans Completed
FIREHOUSE Cost \$.....
NEWARK, Ala. Co., Calif.

Construction of new firehouse.
 Owner—Newark Fire District.
 Architect—Higgins & Root (Chester Root, Architect), Security Bldg., S. J.
 Plans are completed and bids will be asked in about one week.

Contract Awarded Cont. Price, \$9,787
COUNTY BLDGS.

CONTRA COSTA CO., Calif. About 2 miles east of Clayton in Marsh Creek Canyon.

Two one-story frame buildings (dormitory and mess hall) first units of eventual group of buildings at County Prison Farm.
 Owner—County of Contra Costa (C. C. Wells, County Clerk).
 Architect—K. O. Narbett, 462 31st Ave., Richmond, and E. Geoffrey

Bangs, 580 Market St., S.F.
 Contractor—E. P. Seamans, Walnut Creek.

Complete bids were:
 E. P. Seamans, Walnut Creek, \$9,787.

John E. Branagh, Piedmont, \$9,882.

Elmer J. Freethy, Richmond, \$10,767.
 Mark Bristol, Oakland, \$10,798.
 A. Frederick Anderson, Oak., \$11,672.

Emil Person, Berkeley, \$12,258.

Low Bidder
PLASTERING
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Incidental Plastering, East, Central and South Courts and South Garden; Contract No. 146.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Low Bidder—Hermann Bosch, 2075 Folsom St., San Francisco, \$16,780

Low Bidder
PACIFIC BUILDING
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of the Pacific Building; Contract No. 198. One-story and mezzanine frame bldg. approx. 100 sq. ft.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Low Bidder—Clinton Const. Co., 923 Folsom St., San Francisco, \$81,980

Funds Allotted
POLICE ADMINISTRATION BLDG. Est. cost \$37,166.

BERKELEY, Ala. Co., Calif., rear of present City Hall.

Three-story, reinforced concrete police administration building to contain accommodations for the police dept., courtroom, cell blocks, laboratory, police training school quarters, probation officials offices, interview rooms, radio broadcast station, etc.
 Owner—City of Berkeley, City Manager Hollis R. Thompson.
 Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

PWA grant of \$160,724 recently allotted to aid in construction. Balance of funds to be raised by five-year bond plan to be submitted to voters on the November ballot.

Bids Opened
REPAIR ELEVATOR Cost, \$.....
SACRAMENTO, Calif. Office Bldg. No. 1, Tenth and L Sts.

Repairs to passenger elevator.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento

Low Bidder—Pacific Elevator & Service Co., \$5,427.

Other bids were:
 Westinghouse Electric Co., \$5,953
 Otis Elevator Co., \$6,387

Contract Awarded Cont. Price, \$16,780
PLASTERING

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Incidental Plastering, East, Central and South Courts and South Garden; Contract No. 146.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco

Contractor—Herman Bosch, 2075 Folsom St., S. F.

14— RESIDENCE

Sub-Contract Awarded
RESIDENCE Cont. Price, \$8,030
SALINAS, Monterey Co., Cal. Maple Park.

Two-story frame and stucco residence (6 rooms, 2 baths), hardwood floors, tile baths, wood sash, etc.

Owner—Mr. Gibbon, c/o Architect. Architect—Charles E. Eutner, 7 Winham St., Salinas.

Contractor—H. V. Hughes, 86 National St., Salinas.

Plumbing, Heating, Sheet Metal, Hardware—A. D. H. & Co., 225 Main Street.

Electric Wiring—Salinas Electric Works, 253 Main St.

Tile Work—Monterey County Roof & Tile Co., 263 Main St.

Hardwood Floors—M. L. Stover, P. O. Box 296.

Brick & Stone Work—Chas. Hoosier, P. O. Box 213.

Grading, Foundations & Concrete—Ray Kallam, 320 Market St.

Lumber—So. Pac. Milling Co., 206 Sansome St., S. F.

Painting—Felix Sagert, 217 Salinas St.

Lathing & Plastering—Roy Johnson, Rt. 2, Box 147.

All of Salinas, unless otherwise noted.

Segregated Bids Wanted
RESIDENCE Cost, \$.....
OAKLAND, Ala. County, Calif., Bayview Drive, Claremont Heights.

Two-story frame and stucco residence (5 rooms), hardwood flrs., shingle roof, one tile bath, steel sash, two car garage.

Owner—Frank D. Chambers.
 Architect—Plans by C. J. Parson, 1428 Franklin St.

Contractor—Dodds & Chambers, 1428 Franklin St.

Segregated bids are now being received by the contractors.

Plans Being Figured
RESIDENCE Cost \$.....
SAN FRANCISCO, Calif.

Two-story frame residence (8 rms.), exterior siding, oil burning warm air heating system, canvas deck, plaster walls, composition and composition shingle roof, garage.

Owner—Mr. and Mrs. Henry von Murrpuro, c/o Arch.
 Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Plans will be figured by a selected list of contractors. No definite opening date yet set.

Low Bidder
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.

One-story frame and stucco residence (hardwood floors, tile bath, wood sash, etc.)

Owner—Mr. Rohrbacher, c/o Arch. Architect—Edward W. Kress, First National Bank Bldg., San Jose.

Low bidder—Dan Caputo, 401 Illinois Ave., San Jose.

Plans Being Figured
RESIDENCE Cost, \$8,000
ATHERTON, San Mateo Co., Calif.

Frame and wood residence (6 rooms, 2 tile baths) hardwood floors, red cedar shake roof, wood trim outside, garage.

Owner—Geo. Forrester, c/o Arch. Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francis Drake Hotel, San Francisco.
 Frank J. Reilly Co., 6350 Fulton St., San Francisco, is figuring plans and desires sub-bids not later than 10 A. M., July 21, on all portions of the work.

Plans Completed
RESIDENCE Cost, \$.....
BELMONT, San Mateo Co., Calif.
One-story frame and stucco residence (hardwood floors, tile bath, etc.).
Owner—W. W. Hamilton.
Architect—Higgins & Root (Chester Road, Architect), Security Bldg., San Jose.
Plans will be figured shortly by a selected list of contractors.

Work Underway
RESIDENCE Cost, \$.....
MONTE VISTA, Contra Costa Co.
One-story all-wood residence (5 rms.) shingle roof, oil-fired hot air heating system, wood sash, hardwood floors, tile bath.
Owner—Robt. A. Kiesel, c/o Architect Architect—John B. Anthony, 462 Elwood Avenue, Oakland.
Contractor—McKinney and Johnson 5829 Marshall St., Oakland.

Bids Opened
RESIDENCE
SACRAMENTO, Co., Calif., about five miles east of Sacramento.
One-story frame and stucco residence (5 rooms).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Low bidder—John H. Barden, 3833 33rd St., Sacramento, \$3,875.
Others bids were:
Fred Engberg, Sacramento, \$4,056.
H. Gunther, Sacramento, \$4,790.

To Be Done By Days Work
RESIDENCE Cost, \$15,000
SAN FRANCISCO, N. St. Germain St., 125 ft. W. Glenbrook.
Two-story and basement frame residence.
Owner and Builder—William M. Ringen, 1331 Francisco St.
Engineer—James M. Smith, 251 Kearny St.

Preparing Working Drawings
REMODEL RESIDENCE
ALAMEDA, Calif., 1511 Central Ave.
Remodel residence into apartments.
Owner—D. A. Dickie, c/o Arch.
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Low Bidder
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Cal. Cragmont Ave. near Regal Road.
Frame residence (6 rooms, 2 baths); gas fired warm air heating system, cedar shake roof, wood and steel sash, hardwood floors, tile baths, etc.
Owner—Mrs. J. L. Buckley, c/o Arch.
Architect—Theo. Ruegg, 251 Kearny St., San Francisco.
Low Bidder—J. M. Walker, 401 Spruce St., Berkeley.
Bids held under advisement.

Preliminary Plans Prepared
RESIDENCE Cost, \$.....
MENLO PARK, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms), hardwood flrs., tile baths, forced hot air heating system, double garage.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, \$.....
SONOMA, Calif.
Two-story frame and stucco residence (7 rooms), hardwood flrs., tile baths, wood sash, etc.
Owner—Dr. C. B. Andrews, c/o Arch.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Preparing Plans
RESIDENCE Est cost, \$7000
SAN MATEO, Calif.
One-story frame and wood siding residence (5 rooms); shingle roof, hardwood floors, tile bath, garage.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Completing Plans
RESIDENCE Cost, \$.....
BERKELEY, Ala., Co., Calif., Cragmont Tract.
One-story frame and shingle residence (5 rooms); shingle roof, steel sash, etc.
Owner—C. A. Robertson, c/o Arch.
Architect—John B. Anthony, 462 Elwood Ave., Oakland.
Plans will be completed and bids asked of a selected list of contractors within a few days.

Plans Being Revised
RESIDENCE Est. cost, \$16,000
PIEDMONT, Alameda Co., Cal. Requa Road.
Two-story frame and stucco residence (10 rooms, 4 baths) hardwood floors, composition roof, steel sash, forced hot air heating system, tile baths.
Owner—Dr. Irving Ellis, c/o Arch.
Architect—John B. Anthony, 462 Elwood Ave., Oakland.
Plans are now being revised and will be re-figured shortly by a selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$9000
SAN FRANCISCO, W. Stanyan St., 203 S. Geary St.
Two-story and basement frame residence.
Owner—Albino Valerio, 1727 Grant Ave.
Architect—Not given.
Contractor—R. Foliotti, 200 Cervantes Blvd. 14

Contract Awarded
RESIDENCE
EL CERRITO, Contra Costa Co., Cal.
Two-story frame and wood exterior residence (5 rooms), shingle roof, plaster interior, wood sash, hardwood floors, etc.
Owner—Mr. McClennan, c/o Arch.
Architect—John B. Anthony, 462 Elwood Ave., Oakland.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland.
(8) 1st rep. July 11, 1935. 14

Plans Being Figured.
RESIDENCE Cost, \$.....
LOS ALTOS, Santa Clara Co., Cal.
Two-story frame, stucco and brick veneer residence (8 rooms), cedar shake roof, steel double hung windows, tile and linoleum baths, oil burning hot air heating system, hardwood floors, plaster interior, etc.
Owner—P. W. Cotten, c/o Arch.
Architect—F. L. Confer, Claremont Hotel, Berkeley.
Plans are being figured by a selected contractor.

Bids In—Held Under Advisement.
RESIDENCE Cost, \$.....
ATHLETIC OAKS, San Mateo Co.
One-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Avenue, Burlingame.

Sub-Contract Awarded
CONVENT
SAN FRANCISCO.
Three-story frame and stucco convent (50x109-ft.) containing twenty rooms and chapel, tile and

composition roof, tile baths and showers, hardwood and linoleum floors, wood and steel sash, some art glass, promenade tile terraces.
Owner—St. Phillips Parish, Rev. J. R. Campillon, Pastor.
Architect—Martin J. Rist, Phelan Building.
Contractor—Barrett — Hilp, 918 Harrison St.
Mill Work—Herring & Nutting, 750 Florida St.
Dumbwaiter—Price Building Specialties Co., 35 Stillman St.
Electric Wiring—Dowd-Seid Electric Co., 2118 Mission St.
Glass—W. P. Fuller & Co., 301 Mission St.
Misc. Iron—Fair Mfg. Co., 617 Bryant St.
Tile Work—Sunset Tile Co., 2093 15th St.
Toilet Partitions—Dwan & Co., 126 Post St.
Masonry—White & Gloor, Monadnock Bldg.
Roofing—J. W. Bender Roofing & Paving Co., 18th & Bryant Sts.
Sheet Metal—Morrison & Co., 76 DuBois St.
Finish Hardware—Palace Hardware Co., 581 Market St.
Plumbing—Heating and Ventilating—A. Ramazzotti, 1473 Vallejo St.
Painting—Frank Powers, 4228 23rd St. 14

Completing Plans
RESIDENCE.
TURLOCK, Stanislaus Co., Calif.
One and 1/2 story frame and rustic residence; shingle roof, hardwood floors, tile bath, garage.
Owner—L. H. Parker, 230 Merritt St., Turlock.
Architect—Not given.
Plans will be completed and bids asked within one week.

Preparing Working Drawings
RESIDENCE.
SANTA CRUZ, Calif.
One-story frame and redwood siding residence (5 rooms) shake roof, hardwood floors, double garage.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Contract Awarded
ALTERATIONS Cost, \$.....
GUSTINE, Merced Co., Calif.
Alterations and additions to residence (add two bedrooms and bath).
Owner—C. R. Perrier.
Architect—G. N. Hilburn, 1211 K St., Modesto.
Contractor—Roy Kruger, Gustine.

15—SCHOOLS

BIDS OPENED
LARKSPUR, Marin Co., Calif.—P. L. Burr, 320 Market Street, San Francisco, at \$337 submitted low bid to the Board of Trustees of Larkspur School district, E. J. Welter, Clerk, Larkspur Corte Madera School House, for resurfacing of two tennis courts. Work consists of (a) clean all cracks and remove weeds and other vegetation; (b) fill cracks and low areas to proper cross section with natural rock asphalt; (c) apply emulsified asphalt binder coat; (d) spread and roll wearing surface of natural rock asphalt; and (e) apply dualite non-stain surface finish.
Total bids follow:
P. L. Burr, 320 Market St., San Francisco, \$1,387.00.
Louis Lambretti, Mill Valley, \$1,395.00.
Tieslau Bros., Berkeley, \$1,450.00.

BIDS OPENED

SAN FRANCISCO.—Peter Sartorio, 369 Pine St., at \$2,088, submitted low bid to the Dept. of Public Works, City Hall, for alterations to a classroom at Girls' High School, Scott and Geary Sts.
Complete bids were:
Peter Sartorio, \$2,088.
A. M. Hardy, \$2,449.
Anderson & Ringrose, \$2,449.
Frank J. Reilly Co., \$2,531.

Bond Election

SCHOOL Cost, \$86,364
IRVINGTON, Alameda Co., Cal.
One-story grammar school building to contain seven classrooms, gymnasium - auditorium, stage dressing rooms, storage rooms, office, teachers' rest rooms, etc. Owner—Irvington Elementary Sch. District.
Architect—George E. Ellinger, 1801 Casterline Road, Oakland.
The school district will vote August 13 on a proposal to issue bonds in the amount of \$52,000 proceeds to finance construction.

BIDS OPENED

OAKLAND, Ala. Co., Calif.—J. Cattucci, 1212 15th Ave., at \$2,062, submitted low bid to the Oakland Board of Education for conditioning athletic fields at Fremont, Castlemar, Oakland, San Leandro, Technical, University and Roosevelt High Schools.
Other bids were:
Heafey-Moore Co., \$2,107.
H. Strouli, \$2,310.
W. H. Larsen, \$3,870.

Funds Allotted

DINING HALL Cost \$32,100
PETALUMA, Sonoma Co., Calif.
One-story frame and stucco dining hall (cafeteria) addition to high school.
Owner—Petaluma City High School District.
Architect—Brainerd Jones, 226 Washington St.
PWA grant of \$14,445 allotted to aid in financing, together with balance of funds on hand * 15

Funds Allotted

RECONSTRUCTION Cost \$15,400
PETALUMA, Sonoma Co., Cal.
Reconstruction of farm mechanics shop building.
Owner—Petaluma Board of Education.
Architect—Brainerd Jones, 226 Washington St., Petaluma.
Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.
PWA grant of \$6,750 allotted. Balance of funds on hand.

Bond Election

GYM & SHOP Cost \$45,000
CALISTOGA, Napa Co., Calif.
Gymnasium and shop building.
Owner—Calistoga Joint Union High School.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
The school district will vote August 30 on a proposal to issue bonds in the amount of \$25,000 which proceeds together with expected PWA grant will finance construction.

BIDS OPENED

EL NIDO, Merced Co., Calif.—Mark E. Folsom, 535 G Street, Merced, at \$2,493 submitted low bid and was awarded contract by the El Nido School District, Mrs. Fern Reed, Clerk, for construction of a one room addition to the present El Nido School.
Total bids were:
Mark E. Folsom, Merced \$2,463.
Clyde D. Jones, Los Banos, \$2,674.
C. B. Cameron & Son, Merced, \$2,993.
Liner & Allen, Merced, \$3,262.

Bids Wanted—To Close August 9, 2 P. M.

ELECTRIC WORK Cost, \$.....
SAN LUIS OBISPO, Calif. California Polytechnic School.
Installation of electrical work for gymnasium, consisting of the rewiring and relighting of existing gym, including the installation of new transformers and panel boards.

Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.
Plans and specifications obtainable from the State Architect's office upon deposit of \$25, returnable.

Contract Awarded Cont. Price \$8,430

LIBRARY
BERKELEY, Alameda Co., Cal. University of California Campus.
Construction of Hart Library, an addition to Bowles Hall.
Owner—Regents of the University of California, Berkeley.
Plans by Engr. Dept. of Grounds & Building Department.
Contractor—Empire Const. Co. Ltd., Russ Bldg., S. F.

Contract Awarded Cont. Price, \$10,931

LABORATORY
SAN FRANCISCO. Parnassus and Third Avenues.
Isolation laboratory to be erected on the Medical Center Campus of the University of California, San Francisco.
Owner—Regents of the University of California, Berkeley.
Plans by Engr. Dept. of Grounds & Bldgs., Dept. U. of C.
Contractor—Frank J. Reilly Co., 6350 Fulton St., S. F.

Funds Allotted

SCHOOL Cost \$280,000
OAKDALE, Stanislaus Co., Cal. West of Laurel Avenue bet. Magnolia and Poplar Sts.
One - story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.
Owner—Oakdale Elementary School District (J. J. Berry, Supt.)
Architects—Frank V. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.
The school district will vote July 25 on a proposal to issue bonds in the amount of \$155,000, which proceeds, together with a recently allotted PWA grant of \$126,801, will finance construction.

BIDS WANTED

PLACERVILLE, El Dorado Co., Calif.—Until July 29, 7:30 P. M., bids will be received by the El Dorado County High School District, Leo N. Ench, Clerk, for repairing of three sections of the roof of the El Dorado County High School, at Placerville.
Plans and specifications on file with the Principal of said school. Bid must be accompanied by certified or cashier's check of 5% of bid, payable to El Dorado County High School.

CONTRACT AWARDED

MERCED COUNTY, Calif.—Mark E. Folsom, 533 G St., Merced, at \$3,092, awarded contract by the Merced Colony School District, Merced County, Harold C. Ridge, Clerk, for construction of a one room addition to the Merced Colony Grammar School-house on Childs Avenue, Merced County.
Other bids were:
C. B. Cameron & Son, Merced, \$3,295.
Liner & Allen, Merced, \$3,542.

CONTRACT AWARDED

MONTEREY, Calif.—C. L. Frost Roofing and Tiling Co., 165 Webster St., Monterey, at \$6,150, awarded contract by the Monterey Union High School District, J. R. McKillop, Clerk, for the re-roofing of the Monterey Union High School structure known as the Academic Building.

Bond Election

AUDITORIUM-GYM Est cost \$65,000
GUSTINE, Merced Co., Calif.
One-story steel and wood combination auditorium-gym to seat 900.
Owner—Gustine Union Elementary School District.
Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
The School District will vote July 29 on a proposal to issue bonds in the amount of \$36,000, which proceeds, together with expected PWA grant, will finance construction.

To Ask Funds

SCHOOL BLDGS. Est cost \$521,936
EUREKA, Humboldt Co., Calif.
Construction of high school building (\$142,768); Marshall school (\$147,498); Lincoln school (\$100,976); Franklin school (\$80,347); elementary school (\$80,347).
Owner—City of Eureka School Dist.
Architect—Wasten & Hurd, 442 Post St., San Francisco.
Application will shortly be filed for PWA grant of approx. \$237,000, which grant together with proposed bond election will finance construction of the five buildings.

Bond Election Planned

SCHOOL BLDGS. Est cost \$403,933
HAYWARD, Ala. Co., Calif.
Alterations and additions to girls' gym (\$52,700); agricultural bldg. (\$44,255); cafeteria and social center (\$68,979); library bldg. (\$24,711); academic bldg. (\$185,000); music, arts and mechanical drawing bldg. (\$36,400); colonnade (\$8,897).
Owner—Hayward Union High School District.
Architect—H. C. Smith, 3867 Sacramento, San Francisco.
The school district will set a date shortly to vote bonds in the amount of \$210,000, which proceeds, together with expected PWA grant of \$190,000 will finance construction of school additions and improvements.

To Ask Funds

GYMNASIMUM Cost, \$31,000
HOPLAND, Mendocino Co., Calif.
Construction of gymnasium addition to high school; alterations to high school and certain equipment.
Owner—Hopland Union High School District.
Architect—John Easterly, Healdsburg and Santa Rosa.
Application will be filed shortly for PWA grant to aid in financing.

BOND ELECTION

NEVADA CITY, Nevada Co., Cal.—The Nevada City Unified School District of Nevada County will vote Aug. 6 on a proposal to issue bonds in the amount of \$20,000, which proceeds will be used for construction of alterations and improvements to school buildings. 15

LOW BIDDER

NEAR PHOENIX, Ariz.—William Peper Construction Co., P. O. Box 1564, Phoenix, submitted low bid to Maricopa County School District, at \$31,193, for a brick auditorium bldg. to be built at the Murphy school on Buckeye Rd., near Phoenix. Orville A. Bell, architect, 319 Heard Bldg., Phoenix.

Funds Allotted
ADDITION Est. Cost, \$30,000
SEBASTOPOL, Sonoma Co., Calif.
 Addition to gymnasium (boys' shower, tennis courts, fences, lockers, etc.) at Analy High School.
 Owner—Analy Union High Sch. District, Sebastopol.
 Architect—John Easterly, Healdsburg and Santa Rosa.
 PWA grant allotted to aid in financing.

Bond Election Planned
ADDITION
GONZALES, Monterey Co., Calif.
 One-story addition of three classrooms at grammar school.
 Owner—Gonzales Grammar School District.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 The school district will set a date shortly to hold an election to vote bonds in the amount of \$20,000 proceeds to aid in financing construction. Application will also be filed for PWA grant.

Bonds Voted
SCHOOL ADDN. Cost, \$.....
SALINAS, Monterey Co., Cal. Alisal Elementary School.
 Addition of not less than 4 classrooms and an auditorium.
 Owner—Alisal Union Eleman. School District.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 The school district voted bonds July 12 in the amount of \$48,000.

Funds Allotted
COMPLETE SCHOOL
ALAMEDA, Ala. Co., Calif. Bay and Santa Clara, Mastic School.
 Completion of one-story and part basement modernistic U-shaped elementary school building (12 classrooms, gym, and auditorium), to be built around a central courtyard of which the exterior stuccoed frame shell on concrete foundation and the composition roof, are completed.
 Owner—Alameda Board of Education (William G. Paden, Supt.)
 Architect—Kent & Hass, Underwood Bldg., San Francisco.
 PWA grant of \$32,850 allotted.

Preliminary Plans Completed
ADDITIONS Est. Cost, \$220,000
REEDLEY, Fresno County, Calif.
 College bldg. and Agricultural shop bldg. (reinforced concrete construction) alterations to heating plant; air conditioning system for science bldg.
 Owner—Reedley Joint Union High School District, Reedley.
 Architect—Franklin and Kump, Jr., T. W. Patterson Bldg., Fresno.
 Application will shortly be filed for PWA grant to aid in financing construction.

Plans Completed
SCHOOL BLDG. Cost, \$44,000
KERN COUNTY, near Bakersfield.
 School bldg. to contain three classrooms, cafeteria and toilet bldg. (frame and stucco construction, steam heating, etc.)
 Owner—Greely Grammar Sch. Dist., Haberfelde Bldg., Bakersfield.
 Architect—Franklin and Kump, Jr., T. W. Patterson Bldg., Fresno.

Plans have been completed and forwarded to State Division of Architecture for approval.

Working Drawings Completed
SCHOOL ADDN. Cost, \$20,000
KERN COUNTY, Cal. Edison Grammar School.
 One-classroom addition, reinf. conc.

construction, to be added to the grammar school.
 Owner—Edison Elementary Sch. District, Bakersfield.
 Architect—Franklin and Kump, Jr., Haberfelde Bldg., Bakersfield.

Completing Plans
ADDITION Est. Cost, \$10,000
FRESNO COUNTY, Calif.
 Frame and stucco addition consisting of two classrooms, to grammar school.
 Owner—Teague Elementary School District, Fresno.
 Architect—Franklin and Kump, Jr., T. W. Patterson Bldg., Fresno.

Sub-Contracts Awarded
ADDITIONS Cost, \$10,000
OAKLAND, Alameda Co., Cal. Mills College Campus.
 Two-story seven-room addition.
 Owner—Mills College.
 Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.
 Contractor—J. G. Brown, Mills College, Oakland.
 Roofing—W. L. Saxby, 4538 Fleming.
 Plumbing—W. H. Picard, Inc., 4166 Broadway.
 Electric Wiring—Kerr and Clifford, 4010 Foothill Blvd.
 Heating and Ventilating—Geo. C. Bell 1825 Gleason Way.
 Sheet Metal—East Bay Sheet Metal Works, 1101 Market St.
 Window Shades—Tri - City Window Shade Manufacturing, 1127 3rd Ave.
 Foundations & Concrete—J. H. Fitzmaurice, 2857 Hannah St.
 Lumber—Bay City Lumber Co., 45th Ave. and E 12th St.
 Mill Work—Pacific Mfg. Co., 1315 7th Street.
 Hardware—Associated Hardware Co. Inc., 3622 San Pablo Ave
 Painting—J. J. Burdon & Son, 3817 Forest Hill Ave.
 Lathing and Plastering—J. E. Casey, 2706 Logan St.
 Linoleum—Linoleum Studio, 2061 Webster St.
 All of Oakland. 15

Bids Opened
ALTERATIONS
SAUSALITO, Marin Co., Calif., 429 North St.
 Repair and alterations to the South School.
 Owner—City of Sausalito.
 Architect—Walter T. Stelberg, 85 Second St., San Francisco.
 Low Bidder—V. Maggiora, 15 Harrison Ave., Sausalito, \$7,257.80.

Bids were received as follows: (a) all work (b1) deduct for omitting blackboards and wood finish wainscots in four classrooms. (b2) deduct for omitting fibre-board ceilings in four classrooms and 2 playrooms (b3) deduct for omitting ply-wood wainscoting in two playrooms (b4) deduct for omitting brick paving and concrete sub-floor at main entrance.
 Complete bids were:
 V. Maggiora, Sausalito (a) \$7,257.80 (b1) 500. (b2) 400. (b3) 180 (b4) 100.
 A. Nelson, Inc., San Francisco (a) 8,688 (b1) 750 (b2) 500. (b3) 210. (b4) 150.
 Peter Sartorio, San Francisco (a) \$8,998. (b1) 1,050. (b2) 480. (b3) 380. (b4) 120.
 E. A. Howkins & Co., S. F., (a) \$9,643 (b1) 700 (b2) 400. (b3) 250. (b4) 100.

Contract Awarded
ADDITION
 Cont. Pr., \$34,749
MERCED, Merced Co., Calif. Merced High School.
 One-story reinf. concrete and frame addition (6 classrooms) to house science dept.; tile roof, wood floors, etc.

Owner—Merced Union High School, A. W. Meany, Principal.
 Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francisco Drake Hotel, San Francisco.
 Contractor—Liner & Allen, P. O. Box 43, Merced.

Complete Bids were:
 Liner & Allen, Merced, \$34,749.
 C. B. Cameron & Son, Merced \$37,427.
 R. W. Brown Const. Co., Madera, \$41,170.
 L. Uebel, Turlock, \$44,438.
 M. B. Folsom Merced, \$44,438.
 Fred J. Early, Jr., S. F., \$49,720.
 Villadsen Brothers, Inc., Oakland, \$51,500.

Contract Awarded
LIGHTING SYSTEM
 Cont. Price \$6,913
SAN LUIS OBISPO, Cal. California Polytechnic School.
 Erection and completion of football field lighting system, consisting of wood poles, enclosed floodlights and underground wiring both primary and secondary.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
 Contractor—Collins Electrical Co., 708 E. Market St., Stockton.

Bids Opened
RECONSTRUCTION
SAUSALITO, Marin Co., Calif., Litho, Bee and Caledonia Sts.
 Reconstruction of the Central School.
 Owner—City of Sausalito.
 Architect—Walter T. Stelberg, 85 Second St., San Francisco.
 Low Bidder—A. Nelson, Inc., 242 Ocean Ave., San Francisco, \$31,312.

Bids were received as follows: (a) All work (b1) deduct for omitting concrete floors and fibre-sized mastic floors in basement, playrooms, and manual training room. (b2) deduct for omitting replacement of toilet room floors (b3) deduct for omitting metal lath and plaster in basement manual training room walls and ceilings (b4) deduct for omitting sprinkler piping over stage (b5) deduct for omitting replacement of wainscoting in 1st and 2nd story corridors.

Complete bids were:
 A. Nelson, Inc., S. F. (a) \$31,312 (b1) 1500. (b2) 230. (b3) 222. (b4) 500. (b5) 500.
 V. Maggiora, Sausalito (a) \$31,596 (b-) 1600. (b2) 125. (b3) 225. (b4) 400. (b5) 400.
 Fred J. Early, Jr., San Francisco (a) \$33,282 (b1) 1250. (b2) 200. (b3) 200. (b4) 450. (b5) 400.
 Peter Sartorio, San Francisco (a) \$33,579 (b1) 1237. (b2) 228. (b3) 300. (b4) 445. (b5) 650.
 A. Frederick Anderson, Oakland (a) \$34,919. (b1) 1500. (b2) 500. (b3) 350. (b4) 500 (b5) 550.
 B. A. Howkins & Co., San Francisco (a) \$35,399 (b1) 1400. (b2) 50. (b3) 300. (b4) 400. (b5) 375.

LOW BIDDER
LOS ANGELES, Calif.—W. J. Shirley, 1724 S. Vermont Ave., submitted low general contract bid to L. A. Board of Education at \$51,945, for completion of construction of Holmes Hall, L. A. Junior College, 855 N. Vermont Ave. Allison & Allison, Architects, 1014 Edison Bldg.; F. N. Ropp, struc. engineer; E. L. Ellingwood, mech. engineer.

CONTRACT AWARDED
SAN RAFAEL, Marin Co., Calif.—James Ghilotti, 1329 Fourth Street, San Rafael, at \$40 awarded contract for retaining wall at the Laurel Dell School; Standard Fence Co.,

60th and Lowell Sts., Oakland, at \$821 awarded contract for fencing at the Laurel Dell School, and Worley & Co., 39 Natoma St., San Francisco, at \$1399 awarded contract for furnishing and installing approx. 285 lockers in the Grammar School, by the City of San Rafael. Bids for installation of hot water system in the Grammar School held under advisement.

Complete bids were:

Retaining Wall
 Jas. Ghilotti, San Rafael..... \$460.00
 Central Calif. Const. Co., S. F..... 683
 Louis Angelus, Oakland..... 895

Fencing
 Standard Fence Co., Oakland. \$821.00
 Anchor Post Fence Co., S. F..... 857.65

Lockers
 Worley & Co., San Francisco \$1399.00
 Lyon Metal Prod. Co. Inc. S.F. 1400.19

Hot Water System
 A. L. Nelson Co., 308 B Street,
 San Rafael..... \$3075
 North Bay Elec. Works, Inc.,
 San Rafael..... 4293
 15

CONTRACT AWARDED
NEAR PHOENIX, Ariz.—Glen Chipperfield, 901 E. Thomas Rd., Phoenix, awarded contract by Maricopa County School District, at \$29,039, for an auditorium bldg. to be built at the Murphy school on Buckeye Rd., near Phoenix. Orville A. Bell, architect, 310 Heard Bldg., Phoenix. 15

CONTRACT AWARDED
ANAHEIM, Orange Co., Calif.—Nicholas South, 419 N. East St., Anaheim, awarded contract for construction of a one- and part two-story gym and classroom bldg. (50x128), at 215 N. Palm, Anaheim, for St. Catherine's Military School; Geo. Adams, architect, 2430 Cascadia Dr., Glendale. Cost \$40,000. 15

Funds Asked
SCHOOL Cost, \$.....
HOPLAND, Mendocino Co., Calif.
 One-story frame and stucco grammar school building to contain four classrooms, kitchen and offices).
 Owner—Hopland Union Grammar School District.
 Architect — John Easterly, Healdsburg and Santa Rosa.
 Application filed for PWA grant to aid in financing.

Funds Allotted
GYMNASIUM Cost, \$30,000
LAKEPORT, Lake County, Calif.
 One-story frame gymnasium at Clear Lake High School (composition roof, marble floors; no plumbing work).
 Owner—Clear Lake Union High Sch. District (Seldon Deacon, Clerk).
 Architect — John Easterly, Healdsburg and Santa Rosa.
 PWA grant allotted to aid in financing.

To Be Done By Day's Work
ADDITION Est. Cost, \$6,500
RIO VISTA, Solano Co., Calif.
 One-story frame addition to present shower room to consist of instructors' offices, girls' showers, and visiting ten showers.
 Owner—Rio Vista Joint Union High School District (Mrs. Duncan McCormack, Clerk).
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Bids were rejected and work will be done by day labor.

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, \$10,000
SAN FRANCISCO. 153 Geary Street. Alterations to store building.
 Owner—Edison Bros. Stores, Inc., c/o contractor.
 Architect—Not Given.
 Contractor—Lindgren and Swinerton, Inc., 225 Bush St. 16

Contract Awarded
ALTERATIONS Cost \$2500
SAN FRANCISCO. Mission District. Alter building to install store.
 Owner—Withheld.
 Architect Conrad T. Kett, 519 California St.
 Contractor—Chris Berg, 682 42nd Ave.

Contract Awarded
STORES Cost, \$.....
MONTEREY, Calif.
 One-story frame building to contain three stores.
 Owner—Mr. Hysen.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 Contractor—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove

Contract Awarded
AIR-COOLING SYSTEM Cost \$.....
CHICO, Butte Co., Calif.
 Installation of air-cooling system in the Chico branch of the Bank of America.
 Owner—Capital Company, 625 Market St., San Francisco.
 Plans prepared by Construction Department of Owner.
 Contractor—Hall Sheet Metal Works, 1004-06 Main St., Chico.

Contract Awarded
ALTERATIONS
SAN FRANCISCO. Polk & California Streets.
 Interior alterations to confectionery store.
 Owner—Blum's Confectionery.
 Architect—Douglas D. Stone, 381 Bush St.
 Contractor—Royal Show Case Co., 759 McAllister St., San Francisco.

Low Bidder
STORE & OFFICE BLDG. Cost \$.....
SAN FRANCISCO. Jackson St., W. of Stockton St.
 Two-story class C reinforced concrete building to contain one store, doctor's office, and two apartments.
 Owner—Withheld.
 Architect—Warren C. Perry, 260 California St.
 Low Bidder—G. P. W. Jensen & Sons, Inc., 320 Market St.

Plans Being Figured — Bids Close August 11
BANK BLDG. Est. Cost, \$190,000
BAKERSFIELD, Kern Co., Cal. SW corner of Chester Ave. and 18th St.
 One-story reinforced concrete bank building (89x66-ft) marble and tile work; air conditioning system.
 Owner—Anglo - California National Bank 1, Sansome St., San Francisco.
 Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
 Bids are being received by the architect.
 (2964) 1st rep. March 31, 1933.

Sub-Contracts Awarded
RESTAURANT Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 One-story and mezzanine frame res-

taurant building, to be known as the Crillo Specialty Kitchen.
 Owner—Louis Crillo.
 Architect—Douglas Dacre Stone, 381 Bush St., San Francisco.
 Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.
 Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts.
 Glass—W. P. Fuller & Co., 301 Mission St.
 Finish Hardware—E. M. Hundley, 662 Mission St
 Painting—D. Zellinsky & Sons, 165 Grove St.
 Plumbing—W. J. Monihan, 1552 Fulton St.
 Roofing—Malott & Peterson, 20th and Harrison Sts.
 Misc. Iron—Mortensen Const. Co., 608 Indiana St.
 Lamella Roof Trusses—Summerbell Truss Co., 354 Hobart St.
 Concrete—Transit Mixed Concrete Co.
 Electric Wiring—Chas. A. Langlais, 472 Tehama St.

Contract Awarded
OFFICE BLDG. Cost, \$.....
MODESTO, Stanislaus County, Calif.
 On Highway 99.
 One-story concrete office building.
 Owner—Grange Co., 912 Ninth St., Modesto.
 Architect—G. N. Hilburn, 1211 K St., Modesto.
 Contractor—Harry E. Brown, Rt. 4, Box 1551, Modesto.

Contract Awarded Cost \$20,000
MARKET BLDG.
TURLOCK, Stanislaus So., Calif.
 One-story poultry market bldg. (50x 130-ft.) with concrete walls and truss roof; refrigerator rm. (20x 30-ft.)
 Owner—E. S. Christossersen, c/o the Architect.
 Architect—G. N. Hilburn, 1211 K St., Modesto.
 Contractor—D. G. Niel, 177 Columbia St., Turlock.

Plans Being Figured — Bids Close July 26, Noon.
BANK Cost, \$.....
JACKSON, Amador Co., Cal. Main Street.
 One-story and mezzanine modern bank bldg. (reinforced concrete construction, central heating and ventilating system, modern low type banking fixtures, etc.; 40-ft. frontage, 5,000 sq. ft.)

Owner—Capital Company, 625 Market St., San Francisco.
 Plans prepared by Construction Department of owner.
 Plans and specifications are on file for examination for sub-contractors at the office of the Capital Company, Bank of America Building, Stockton, and Bryte Building, Sacramento.

17— THEATRES

Additional Sub-Contracts Awarded
THEATER Cost, \$124,980
EUREKA, Humboldt Co., Cal. 13th Street between E and F Streets.
 Three-story reinforced concrete theater and one-story store bldg.
 Owner—Redwood Theatres, Inc. (Geo. M. Mann, Pres.), 988 Market St., San Francisco.
 Mgr. of Const.—William E. David.
 Contractor—Moore and Roberts, 693 Mission St., San Francisco.
 Plumbing and Sheet Metal—Paul E. Cook, 204 6th St., Eureka.
 Sub-contracts previously awarded published June 29.

19—MISC. CONSTRUCTION

BIDS OPENED

LOS ANGELES, Calif.—Bids for hauling in District VII as directed, opened by the State Highway Department, Los Angeles, were:

F. H. Cronin, 2764 Newell St., Los Angeles, 6-wheel truck, (1) moving time \$3 hour; (2) standing time \$1.50 hour; truck and trailer, (1) \$4.50; (2) \$2.00.

H. & J. Truck Co., Los Angeles: 6-wheel truck, 9 tons or less, (1) \$3.50 (2) \$2.50; standard truck and trailer, 18 tons or less, (1) \$4.50; (2) \$3.00; low trailer, 15-ton max., (1) \$5.50; (1) \$6; (2) \$4; low bed trailer, 24-40 tons, (1) \$7; (2) \$4; low bed trailer, over 40 tons, (1) \$8; (2) \$4.

Belyea Truck Co., Los Angeles: 6-wheel truck, 9 tons or less, (1) \$3.50; (2) \$2.50; standard truck and trailer, (1) \$4.50; (2) \$3.00; low bed trailer, 15 tons max., (1) \$5.50; (2) \$4.00; low bed trailer, 15-24 tons max., (1) \$6.00; (2) \$4.00; low bed trailer, 24 to 40 tons max., (1) \$7.00; (2) \$4.00; low bed trailer, over 40 tons max., (1) \$8.00; (2) \$4.00.

July 15, 1938

BIDS WANTED

GRAND COULEE, Wash.—Until August 18, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 787, for furnishing and installing three 108,000-kv-a, unity-power-factor, 120-r.p.m., 13,800-volt, 3-phase, 60-cycle, vertical-shaft, alternating current generator for the Grand Coulee power plant, Columbia Basin Project, Washington.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others: \$2.50 per copy, not returnable.

BIDS WANTED

PLACER COUNTY, Calif.—Until July 26, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-4, for drilling, removing cores and capping a minimum of five test holes, three vertical and two inclined, at the site of the proposed Rock-A-Chucky Dam for the storage of mining debris on the Middle Fork of the American River about 21 miles by road northeasterly of Auburn.

Work involves:

(1) 1 job mobilization and demobilization of equipment;

(2) 235 lf. core drilling in rock.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SACRAMENTO AIR DEPOT.—Until August 19, 2:00 P. M., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-39-1, for construction and completion of concrete compass swinging base at the Sacramento Air Depot.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

CONTRACT AWARDED

LOS ANGELES, Calif.—Myers Bros., 3407 San Fernando Rd., L. A., awarded contract for constr. of special effects and process stage No. 30 at the Metro-Goldwyn-Mayer Studios, 10,202 Washington Blvd., Culver City. It will cover an area of 240x136 ft. and will have a clear height under trusses of 50 ft. The

bldg. will house a reinf. concr. water tank, 90x90 ft. in area and 10 ft. deep, with portable wood floor platforms and struc. steel standards; cost \$250,000. Work will be done under the supervision of J. G. Mayer, studio manager; John M. Tobin, plant supt.; Arthur McArthur, architect, and Cyril P. Hubert, structural engineer.

BIDS WANTED

PORTLAND, Ore.—Until Aug. 10, bids will be received by Lighthouse Bureau, Washington, D. C., for construction, equipment, completion and delivery of tender for lighthouse service involving one steel steam-driven twin screw, Hollyhook type, 174 ft. overall length, 32 ft. beam, approx. 825 tons displacement; total h.p. 1,000; all riveted construction; for Portland.

CONTRACT AWARDED

LOS ANGELES, Calif.—Myers Bros., 3407 San Fernando Rd., L. A., awarded contract for construction of a new paint bridge at the Metro-Goldwyn-Mayer Studios, 10,202 Washington Blvd., Culver City. It will be approximately 68x125 ft. in area and will have a clear height of 85 ft.; cost \$95,000. The work will be done under the supervision of J. G. Mayer, studio manager; John M. Tobin, plant supt.; Arthur McArthur, architect, and Cyril P. Hubert, structural engineer.

Contract Awarded

LOADING PLATFORM Cost. \$9,000
SAN FRANCISCO. SW 7th St. 110
NW Brannan St.
One-story Class C loading platform. Owner—California Title & Trust Co., 48 Montgomery Street.

Architect—Not Given
Contractor—George Wagner, 181 So. Park.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho.—Until August 8, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1101-D, for the construction of Succor Creek pumping plant No. 2 and penstock and discharge pipe, South Canal lateral 3.6, Succor Creek Division, Owyhee Project, Oregon-Idaho. Work is located near Homedale, Idaho.

Work involves:

(1) 5,250 cu. yds. excav. for lateral and of trenches for precast concrete pipe;

(2) 465 cu. yds. excav. for structures;

(3) 2,100 cu. yds. backfill;

(4) 136 cu. yds. concrete;

(5) 25 sq. yds. dry-rock paving;

(6) Placing 15,000 lbs. reinforcement bars;

(7) Laying 1,580 lin. ft. 24-inch and 36-inch diameter precast lock-joint concrete pipe;

(8) Installing 37,500 lbs. plate-steel pipe;

(9) Installing 20,000 lbs. machinery;

(10) Installing 1,700 lbs. of gates and misc. metalwork;

(11) Installing doors, windows and roofing.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Reclamation, Denver, Colorado; no charge to prospective bidders; to others, \$2.00 per copy, not returnable.

20—MISC. SUPPLIES AND MATERIALS

BIDS WANTED

SACRAMENTO, Calif.—Until July 29, 3:00 P. M., bids will be received

by the U. S. Engineer Office, Room 208, Post Office Building, Sacramento, under Circ. Prop. No. 1105-39-11, for furnishing and delivering materials for the construction of three prefabricated all-metal buildings of the knock-down type to be located at the yards of the U. S. Engineer Depot at Sacramento Weir near Lovdahl, which is long the westerly bank of the Sacramento River about four miles northwesterly of Sacramento; job bidder's shipping point and/or Sacramento.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

SAN FRANCISCO.—Roberts Manufacturing Co., 711 Mission St., San Francisco, at \$1041.09 awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2050 for furnishing and delivering lighting fixtures for West Portal Library.

CONTRACT AWARDED

SAN FRANCISCO.—Johns - Manville Sales Corp., 116 New Montgomery, 87,197 78 awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2052, for furnishing and delivering 7,000 gal. of 3-in. class 100 transite pressure pipe.

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until July 26, 4 P. M., bids will be received by the City of Oakland Board of Education and the Oakland School District of Alameda County, Room 104, Administration Building, Oakland, for furnishing (1) fuel oil, (2) gasoline and (3) incandescent lamps.

Plans and specifications may be obtained from the above office.

CONTRACTS AWARDED

WASHINGTON, D. C.—Beaver Portland Cement Co., Portland, at \$1,750 (Schedule 1) and Pacific Cement Co., San Francisco, at \$31,250 (Schedule 2) were awarded contracts by the Procurement Division, Treasury Department, Washington, D. C., for furnishing 75,000 bbls. Portland cement for use in California.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Bethlehem Steel Co., 20th and Illinois Streets, San Francisco, at \$2,836, net; job Alameda, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5929, for 84-ft. thru girder span, including all structural steel, bolts for field connections, bolts for superstructure and all misc. steel portions necessary for the erection of the span for Ray Dump Bridge.

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Dan P. Maher Paint Co., 55 New Montgomery Street, San Francisco, was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing 1875 gallons traffic lacquer, 200 gallons denatured alcohol and 60 gallons lacquer thinner.

BIDS WANTED

SAN FRANCISCO.—Until July 28, 10:00 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, under Bid No. 5777, for rental of one flat bed truck not less than 3 tons capacity; job 633 7th St., S.F.

BIDS OPENED

SAN FRANCISCO. — Petroleum Equipment Co., 17th and Connecticut Sts., San Francisco, at \$162.35 (\$0.3247), 2% 10 days, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-16, for 500 lin. ft. casing; fob Army Transport Dock, Fort Mason, S. F.
Crane Company, San Francisco, \$197.05, (\$0.3941), 2% 30 days, submitted only other bid.

BIDS OPENED

INYO COUNTY, Cal.—Sabino Muniz, Big Pine, at \$8.50 per cord submitted low bid to the Inyo County Board of Supervisors, Dora Merithew, Clerk, Independence, for furnishing 15 or more cords of pinon wood; fob County Home and Farm, Big Pine, Inyo County.
Total bids follow:

	per cord
Sabino Muniz, Big Pine.....	\$ 8.50
Julian Romero, Bishop.....	\$11.00
Beacon Transport Co., Bishop.....	10.00
	20

BIDS OPENED

INYO COUNTY, Cal.—Julian Romero, Bishop, at \$11.00 per cord submitted low bid to the Inyo County Board of Supervisors, Dora Merithew, Clerk, Independence, for furnishing eight cords, more or less, of pinon wood; fob Court House and Jail, Independence.
Total bids follow:

	per cord
Julian Romero, Bishop.....	\$11.00
Beacon Transport Co., Bishop.....	11.25
Sabino Muniz, Big Pine.....	11.50
	20

CONTRACT AWARDED

SACRAMENTO.—W. P. Fuller Co., San Francisco, has been awarded contract by State Purchasing Agent, Sacramento, for white and black traffic lacquer and gum thinner and Dan J. Maher Paint Co., the contract for yellow traffic lacquer and wash thinner. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2055, for furnishing (1) 2,000 3/4-inch and (2) 1,000 1-inch copper connections for the San Francisco Water Dept.
Bids were:

- M. Greenberg's Sons, (1) \$0.945, (2) \$1.345, net.
- Bridgeport Brass Co., (1) \$0.92, (2) \$1.05, 1% 10 days.
- Crane Co., (1) \$0.75, (2) \$1.04; 1% 10th prox.
- Tay-Holbrook Inc., (1) \$0.76, (2) \$1.07, 1% 10th prox.
- Richmond Sanitary Co., (1) \$0.74, (2) \$1.02, net.
- Norman S. Wright & Co., (1) \$0.80, (2) \$1.15, 1% 10th prox.
- P. E. O'Hair & Co., (1) \$0.76, (2) \$1.07, 10th prox.
- S. F. Water Department, (1) \$0.89, (2) \$1.27, net.

CONTRACT AWARDED

OAKLAND, Cal.—San Pablo Lumber Co., 10th and Ohio Sts., Richmond, at \$3,662.50, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, for furnishing 95,500 lin. ft. Oregon pine. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Great Western Electro-Chemical Co., 9 Main Street, San Francisco, at \$6,350.00, awarded contract by the East Bay Municipal

Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1041, for furnishing 85 tons liquid chlorine. * 20

BIDS OPENED

LOS ANGELES, Calif.—Gladding-McBean & Co. at \$10,110.33 submitted low bid to Los Angeles city purchasing agent for furnishing vitrified clay sewer pipe for delivery fob Valley Spring Lane and Cahuenga Blvd. Bids were taken as follows:
(1) 2750 l.f. 24-in. extra strength;
(2) 29 l.f. 8-in. standard strength;
(3) 1 only 8x8-in. tee;
(4) 28 l.f. 8-in. red drain tile.
Specifications No. 3783.

Complete bids were:
Gladding, McBean & Co., (1) \$2.50;
(2) \$2.8; (3) \$1.13; (4) \$1.27; (5) \$1.19; total, \$10,110.33.
Pacific Clay Prod., (1) \$2.52; (2) \$2.82; (3) \$1.13; (4) \$1.27; (5) \$1.93; total, \$10,196.80.
Bids will probably be rejected as the project is to be abandoned.

CONTRACT AWARDED

OAKLAND, Calif.—Tay-Holbrook Inc., 900 Alice St., Oakland, at \$10,338.50 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under LS-218, for furnishing 700 gate valves. * 20

CONTRACT AWARDED

OAKLAND, Cal.—Alta Bldg. Materials Co., 2857 Hannah St., Oakland, at \$4,200 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1040, for furnishing 2400 tons gravel. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-17, for Douglas Fir Lumber; fob Fort Cronkhite, Marin County.
Bids were:

- Smith Lumber Co., \$366.07; 2% 10 da.
- Loop Lumber Co., \$395.69; 2% 30 ca.
- Rolando Lumber Co., \$381.99; 2% 30 days. * 20

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until July 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, for furnishing supplies and materials, as follows:
ing elbows, tees, sleeves and gate covers.
LS-220—2,000 water meter, % by %.

CONTRACT AWARDED

WASHINGTON, D. C.—The Procurement Division, Branch of Supply, Treasury Department, Washington, D. C., awarded the following contracts under Schedule 1 for furnishing 2,000,000 bbls. cement for Grand Coulee delivered between August 1938 and June 1939. 85% low heat and 15% standard.
Northwestern Portland Cement Co., Northern Life Tower, Seattle, mill at Grotto, Wn.; 200,000 bbls. 85% at \$1.485; 15% at \$1.445.
Lehigh Portland Cement Co., Allentown, Pa., mill at Metaline Falls, Wn.; 250,000 bbls. 85% at \$1.43; 15% at \$1.38.
Superior Portland Cement Co., Seaboard Bldg., Seattle, mill at Concrete, Wn.; 1,200,000 bbls., 85% at \$1.415; 15% at \$1.415, fob both Seattle and Concrete.
Olympic Portland Cement Co., Dexter Horton Bldg., Seattle, mill at

Bellingham; 600,000 bbls. 85% at \$1.495; 15% at \$1.46; fob Spokane.
Spokane Portland Cement Co., Old National Band Bldg., Spokane; 250,000 bbls. 85% at \$1.70; 15% at \$1.70. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Westinghouse Electric Supply Co., 260 Fifth Street, San Francisco, at \$1,370.72 was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2040, for furnishing and delivering floodlights for Mission Playground. * 20

BIDS WANTED

OAKLAND, Calif.—Until July 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing supplies and materials, as follows:
LS219—771 cast iron bell and spigot water pipe fittings of 6-inch to 12-inch diameter.
LS220—2,000 water meters in size %-inch.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Henry J. Kaiser, 666 Mission St., San Francisco, at \$31,593.19 awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2035, for furnishing and delivering crushed rock and aggregates for pavement construction to San Francisco Airport, San Mateo County. * 20

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

- ALTER dwelling, \$150; 6 Broad St.; owner, Philip Gentile, premises.
- ALTER stores, \$475; 4701 3rd Street; owner, Al Moite, prem.; contractor, H. E. Rahlmann Co., 251 Kearny St.
- ALTER dwelling, \$450; 2305 Humboldt St.; owner, Frank Lazarich 2305 Humboldt St.; contractor, J. Hink, 1459 Van Ness Ave. So.
- FLUES, \$20; 1600 Treat Ave.; owner M. Pingnoti, prem.; contractor, P. L. Perini, 325 Wayland St.
- BILLBOARD, \$13; NW Bayshore Blvd. and Dickenson; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
- ALTER dwelling, \$115; 1335 Clay St. owner, Mrs. L. K. Emery, prem.; contractor, F. Kern & Sons, 517 6th.
- SIGN, electric, \$40; 731 Polk Street; owner, American Gear & Motor Service, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER apts., \$350; 1083 Lombard; owner, E. Mather, Honolulu; contractor, John Beck, 1600 15th Ave.
- ALTER flats, \$950; 3237 Sacramento St.; owner, Mr. Halstead, c/o contractor; contractor, L. Salomon, 1734 Broderick St.
- FOUNDATION, \$500.00; W Leavenworth 62 N Francisco; owner, L. A. Driscoll, 800 Francisco St.; contractor, Jas. H. Hjul, 128 Russ St.; engineer, same.
- ALTER apts., \$50; 1410 to 1416 Broadway; owner, L. M. Marino, 1416 Broadway; contractor, F. Rossi, 1835 Stockton St.
- FLUES, \$150; 488 Sea Cliff Ave.; owner, D. B. Gladstone, c/o contractor; contractor, Lowell Davison, 1250 9th Ave.
- ALTER garage, \$495; 969 Filbert St.; owner, R. Cancilla, 971 Filbert; contractor, Miller and McGillis, 4444 Geary St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

31.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
7.—Railroads	35.—Tunnels
7.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

BIDS OPENED

MERCED COUNTY, Calif.—C. W. Caletti & Co., P. O. Box 243, San Rafael, at \$93,950.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge across the San Joaquin River about 17 miles east of Los Banos, consisting of one 70-ft. 0-in. span, two 60-ft. 0-in. spans, two 54-ft. 0-in. spans, two 46-ft. 0-in. spans and two 40-ft. 0-in. spans; widening existing reinforced concrete bridge consisting of two 15-ft. 0-in. spans; and about 0.5 mile of roadway approaches to be graded and surfaced with plant-mixed surfacing, Merced County.

Work involves:

- (1) 16 sta. clear and grub;
- (2) 390 M. gals. water;
- (3) 3,400 c.y. rdwy. excav. unclass.;
- (4) 23,000 c.y. imported borrow;
- (5) 1,400 c.y. struc. excav.;
- (6) 26 sta. finish rdwy.;
- (7) 226 c.y. remove concrete;
- (8) 2,200 tons of untreated crushed gravel or stone surf.;
- (9) 775 tons min. agg. plant mix surf.;
- (10) 39 tons liquid asph. MC-5 or extra heavy plant mix surf.;
- (11) 5 tons liquid asph., MC-2 prime coat;
- (12) 4.3 tons asph. emulsion seal coat and paint binder;
- (13) 32 tons screenings, seal coat;
- (14) 17 tons liq. asph., SC-2 penetration oil treatment;
- (15) 257,000 lbs. bar reinf. steel;
- (16) 267 c.y. Class A Portland cement conc. footings blocks;
- (17) 1,190 c.y. Class A Portland cement conc. struc.;
- (18) 53 c.y. Class A Portland cement conc. railing;
- (19) 5,000 lb. furnish untreated Douglas fir piles;
- (20) 200 each drive do.;
- (21) 7,600 lbs. misc. steel;
- (22) 216 c.y. riprap;
- (23) 50 lf. 18-in. CMP;
- (24) 30 lf. 24-in. CMP;
- (25) 1 each 24-in. drainage gate;
- (26) 8 lf. remove and salvage culvert pipe;
- (27) 230 lf. remove and salvage guard rail;
- (28) 1 lot temporary rail;
- (29) 30 lf. laminated guard rail;
- (30) 19 each guide posts;
- (31) 0.5 mile new property fence;
- (32) 1 each drive gate;
- (33) 8 each monuments;
- (34) 1 existing bridge to be removed and disposed of;
- (35) 1 lot misc. items of work.

Total bids follow:

- (A) C. W. Caletti & Co., P. O. Box 243, San Rafael, \$93,950.50.
 (B) J. F. Knapp, Oakland, \$102,458.
 (C) Bates & Rogers Const. Co., Oakland, \$114,583.60.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 15.00	\$ 20.00	\$ 13.75
(2).....	1.50	2.00	2.20
(3).....	4.00	5.00	4.40
(4).....	.60	.60	.58
(5).....	6.00	6.00	10.60
(6).....	10.00	10.00	11.00
(7).....	4.00	5.00	5.30
(8).....	2.20	2.50	2.30
(9).....	4.50	5.00	4.20
(10).....	20.00	20.00	35.00
(11).....	30.00	35.00	35.00
(12).....	40.00	50.00	50.00
(13).....	5.00	5.00	5.35
(14).....	25.00	30.00	30.00
(15).....	.045	.045	.043
(16).....	18.00	15.00	14.90
(17).....	22.50	27.00	34.50
(18).....	50.00	65.00	54.00
(19).....	.27	.30	.33
(20).....	20.00	15.00	17.70
(21).....	15	20	25
(22).....	6.00	5.00	6.60
(23).....	2.50	2.00	2.50
(24).....	3.50	3.00	3.60
(25).....	40.00	35.00	38.50
(26).....	2.00	2.00	1.65
(27).....	.50	.50	.17
(28).....	250.00	190.00	77.00
(29).....	1.50	2.00	1.17
(30).....	3.00	3.00	4.20
(31).....	600.00	600.00	920.00
(32).....	20.00	25.00	50.00
(33).....	4.00	5.00	5.00
(34).....	2500.00	1500.00	2750.00
(35).....	1000.00	4000.00	920.00

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Palo Alto Road Materials Company, 465 California Avenue, Palo Alto, at \$44,843.50 awarded contract by the Alameda County Board of Supervisors, Court House, Oakland, for surfacing and grading and constructing a reinforced concrete bridge on the Crow Canyon Road, Alameda Co. * 21

CONTRACT AWARDED

SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1 Drum St., San Francisco, at \$8,226, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,141, for the reconstruction and repairing of Sixth St. Bridge over Channel Street. * 21

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Oberg Bros., 6024 Miramonte Blvd., Los Angeles, at \$15,736.00, awarded contract by the State Division of

Highways, Sacramento, for construction of a reinforced concrete slab bridge across Cucamonga Wash two miles east of Ontario consisting of five 22-ft. 0-in. spans and two 20-ft. 0-in. spans and two 5-ft. 6-in. cantilever spans on concrete pile bents, San Bernardino County. * 21

CONTRACT AWARDED

LOS ANGELES, Calif.—J. S. Metzger & Son, 408 S Spring Street, Los Angeles, at \$26,245.00, awarded contract by the State Division of Highways, Sacramento, for repairing a bridge across Malibu Creek about 10 miles northwest of Santa Monica, Los Angeles County. * 21

CONTRACT AWARDED

LOS ANGELES, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$67,191.00, awarded contract by the State Division of Highways, Sacramento, for construction of a reinforced concrete girder bridge across the Santa Clara River about five miles east of Saugus, consisting of eight spans on reinforced concrete piers and abutments, Los Angeles County. * 21

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until July 30, 11:00 A. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for repairing cable suspension bridge over Mad River near Mountain View, in Road District 3, Humboldt Co., Calif. Plans and specifications may be obtained from the above office and from Frank E. Kelly, County Surveyor, Second and K Streets, Eureka. * 21

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until July 30, 11:00 A. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for repairing steel bridge and approaches over the South fork of Eel River near Garberville, in road District No. 2. * 21

Plans and specifications may be obtained from the above office and from Frank E. Kelly, County Surveyor, Second and K Streets, Eureka, Calif. * 21

CONTRACT AWARDED

ORANGE COUNTY, Calif.—Byerts & Dunn, 1131 N Orange Grove Ave., Los Angeles, at \$45,723, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete girder bridge across Santiago Creek, ¼ mile south of Orange, consisting of one 91-ft. 0-in. span and two 49-ft. 0-in. spans on concrete piers and abutments, Orange County. * 21

CONTRACT AWARDED

LOS ANGELES CO., Calif.—The Contracting Engineers Co., 2310 ¼ W. Vernon Ave., Los Angeles, at \$57,486 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of 3 40-ft. reinf. concrete slab spans on concrete piers and abutments as an extension to an existing bridge over Arroyo Seco Parkway at Ave. 60, and surfacing with asphalt concrete the northerly approach and roadway on the extension in Los Angeles Co. * 21

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

22—DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SAN DIEGO, Calif.—Until Aug. 2, 11 A.M., bids will be received by Public Works Officer, 11th Naval District, San Diego, for ext. of quay wall and dredging at Naval Operating Base (Destroyer Base), San Diego, Spec. 8851. The work includes the extension of an existing quay wall and dredging. The quay wall extension will be 1260 ft. long and includes reinf. concr. precast sheet piles, reinf. concr. caps, untreated timber bearing piles and timber platform, cross. timber fender eyes, cast-iron bollard, cast iron cleats and misc. steel and iron work. Dredging will consist of the excav. and disposal of 575,000 cu. yds. Estimated cost, \$550,000. • 22

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until July 27, 4:00 P. M., bids will be received by L. B. Raab, Civil Engineer, 109 E. Weber Avenue, Stockton, for sloping about 9,650 lin. ft. of river levee involving about 100,000 cu. yds. for Union Island Reclamation District No. 1; and sloping about 5,480 lin. ft. of river levee involving about 25,000 cu. yds. for Union Island Reclamation District No. 2. Work will require a dragline having a boom reach of 40 feet or more.

No plans will be mailed out but interested dragline owners calling at the above office will be shown cross-sections and will be directed to the site. Specifications and bid forms will be furnished bidders. • 22

BIDS WANTED

PORTLAND, Oregon.—Until July 28 bids will be received by the U. S. Lighthouse Service, Custom House, Portland, for construction of steel bulkhead and anchorage, Tongue Point.

- Work involves:
- (1) 20,986 sq. ft. sheet steel wall;
 - (2) 350 tons copper bearing steel;
 - (3) 663 feet of the rods;
 - (4) 500 steel piles;
 - (5) 10,000 feet fir piling, various lengths.

Plans and specifications may be obtained from the above office. • 22

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO.—The Rix Company Inc., 582 6th Street, San Francisco, at \$179,000 submitted low bid and was awarded contract by the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Building, San Francisco, under Bid No. 1295, for six rock sinker drills; fob bidder's shipping point, Nevada City and Alturas.

Total bids follow:
The Rix Company Inc., 582 6th St., S. F., \$179, net, destination.

Chicago Pneumatic Tool Co., \$182, net, fob S. F., Nevada City or Alturas.

Knox Hale Machinery Co., 183, net, destination.

Independent Pneumatic Tool Co., \$184, net, destination.

Sullivan Machinery Co., \$184, net, destination.

Ketch & Co., \$184, net, destination.

Gardner-Denver Co., \$188, net, destination.

Ingersoll-Rand, \$190, net, destination.
Edward R. Bacon Co., \$200, net; destination. • 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Region Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Building, San Francisco, under Bid No. 1283, for furnishing three gasoline engine powered double drum hoists, mounted on skids, complete. F. O. B.—(1) bidders shipping point; (2) Glendale.

- Bids were:
A. L. Machinery Co., (1) \$849.50, Kansas City, Mo.; (2) \$963.35; net.
Davis Machinery Co., (1) \$1,020, Columbia, Pa.; (2) \$1195; net.
Clyde Iron Works, (1) \$1,070, Duluth, Minn.; (2) \$1,311; net.
Harron Rickard & McConne Co., (1) \$1,423, St. Paul, Minn.; (2) \$1,681; net.

Garlinghouse Bros., (1) \$1,295, Lansing, Mich.; (2) \$1,415; net.
Kinmont Mfg. Co., (2) \$1,863; 1% 10 days.

Brown-Bevis Machinery Co., (1) \$825, Milwaukee, Wisc., (2) \$903; net.
Mundy Co., (1) \$1,177, Elizabeth, N. J.; (2) \$1,397, 1% 10 days.
Smith Booth Usher, (1) \$1,145, Columbus, Ohio; (2) \$1,274; 2% 30 days.

F. E. Barnett, (1) \$1,526, Seattle, Wash.; net.
Knox Hale Machinery Co., (1) \$1,360, Milwaukee; (2) \$1,504; 2% 20 days.

Bids under advisement. • 25

BID OPENED

SAN FRANCISCO.—General Motors, Cleveland Diesel Engine Division, at \$2,279.29, 2% 10 days, submitted only bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-13, for repair parts for Winton Diesel Engine; fob Army Transport Docks, Fort Mason.

PLANNED

SAN FRANCISCO.—Approval of 280 public building projects to be paid for out of the \$60,000,000 construction fund authorized under the Federal Public Buildings Appropriation Act of 1938 included, according to announcement of Secretary of Treasury Henry Morgenthau, Jr., replacement and installation of two passenger elevators and two small electric freight elevators, operating from first floor to basement, at the U. S. Post Office and Courthouse, Seventh and Mission Sts., S. F. Est. cost \$90,000.

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1284, for furnishing concrete mixers fob (1) bidder's shipping point; (2) Glendale.

Bids were:
Jenson Mchey. Co., San Francisco, (1) \$176 each, Milwaukee; (2) \$214.93; 2% 20 days.

Norris K. Davis, Inc., San Francisco (1) \$195.90, Waterloo, Iowa; (2) \$242.20; disc. \$10 each, 20 days.
Harron, Rickard & McConne Co., San Francisco, (1) \$184, Pt. Washington, Wis.; (2) \$213; net.

A. L. Young Mchey. Co., Inc., (1) \$193.50, Jackson, Mich.; (2) \$236; net.

Smith Booth Usher Co., Los Angeles, (1) \$179.75 Columbus, Ohio; (2) \$211.75. net. • 25

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until July 25, 7:30 P. M., bids will be received at the office of the City Superintendent of Schools, Eureka Junior High School, Eureka, for construction of a 61 - passenger Gillig Body.

Plans and specifications may be obtained from the above office. • 25

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-2, for (a) furnishing one RD No. 7 or equal Caterpillar tractor equipped with LeTourneau or equal double drum power unit and bulldozer for 300 hours use in the vicinity of Cottonwood, Calif.; (b) mobilization and delivery of equipment. Bids were:

N. M. Ball Sons, Berkeley; (a) \$6.50; (b) \$50.00.

Brown & Livingston, (a) \$3.90; (b) no bid.

J. Osborne, Montgomery Creek, (a) \$5.00; (b) no bid.

C. A. Baker, Sacramento, (a) \$5.50; (b) \$100.

Guerin Bros., San Francisco, (a) \$7.50 (b) \$150.00.

Chas. Kuppinger, Lakeport, (a) \$4.25; (b) \$80.00.

J. R. Reeves, Sacramento, (a) \$6.50; (b) \$175.00.

Johnston Rock Co., Stockton, (a) \$5.00; (b) \$70.00.

X. Carruthers, San Mateo, (a) \$7.50; (b) no bid.

Moore Equipment Co., Stockton, (a) \$4.93; (b) \$85.00.

Claude C. Wood, Lodi, (a) \$3.50; (b) \$50.00.

M. J. Ruddy, Modesto, (a) \$5.50; (b) no bid. • 25

CONTRACTS AWARDED

FORT MASON, Calif.—A. G. Springer, at (1) \$2.85; and Richmond Construction Company, 2124 Anza Str., S. F., at \$5.35 (2) submitted low bids and were awarded contracts by the Constructing Quartermaster, F. D. Jones, Quartermaster Corps, Fort Mason, under Bid No. QM-W-6616-39-1, for (1) rental of three dump trucks, 5-cu. yds. capacity; (2) one gasoline power shovel, ¾-cu. yd. capacity; fob Presidio of San Francisco.

Bids were:
A. G. Springer, (1) \$2.85, 5% disc.; (2) no bid.

Richmond Construction Co., (1) \$2.45, (2) \$5.35.

Portola Truck Service, S. F., (1) \$3.65, (2) \$6.75.

Chas. W. Beguhl, Millbrae, (1) \$3.25, (2) \$6.25.

W. C. Railing, Redwood City, (1) \$2.82, (2) \$6.50.

Eaton & Smith, S. F., (1) \$3.75, (2) \$7.70.

Peter J. McHugh, S. F., (1) \$3.593, (2) \$7.00.

Pacific Pavements Co., Ltd., S. F., (1) no bid; (2) \$8.25.

Guerin Bros., S. F., (1) no bid; (2) \$7.95.

A. Soda & Co., Oakland, (1) no bid; (2) \$7.00. • 25

CONTRACT AWARDED

BOULDER CANYON PROJECT.—General Electric Company, Schenectady, N. Y., at (1) \$7,552.75 and (2) \$2,292.00, was awarded contract by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1066-D, for furnishing and delivering three coupling capacitors, three distribution transformers and protective devices and accessories and three

carrier line traps for installation in the Boulder power plant, Boulder Canyon project. 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-3, for (a) furnishing one RD No. 7 or equal Caterpillar tractor equipped with LeTourneau or equal double drum power unit and 1 1/2 tonneaux, or equal bulldozer for 300 hours' use at Red Bluff; (b) mobilization and delivery of equipment to U. S. Engineers at Red Bluff.

Bids were:
N. M. Ball Sons, Berkeley, (a) \$6.25, (b) \$50.
Guerin Bros., S. F., (a) \$7.50, (b) \$150.
E. G. Clifford, S. F., (a) \$3.25, (b) \$100.
Johnston Rock Co., Stockton, (a) \$3.90, (b) \$70.
Chas. Kuppinger, (a) \$3.80, (b) \$80.
J. R. Reeves, Sacramento, (a) \$6.30, (b) \$125.
Brown & Livingston, Redding, (a) \$3.20, (b) no bid.
R. A. Farish, Redding, (a) \$4.00, (b) no bid.
Claude C. Wood, Lodi, (a) \$3.50, (b) \$90.
Daniel Bayles, (a) \$4.95, (b) \$115. 25

BIDS OPENED

SAN FRANCISCO—allowing submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Building, under Bid No. 1258, for furnishing 2 concrete mixers complete with gasoline engine. F.O.B.—(a) bidder's shipping point, (b) Glendale, Calif.

Bids were:
Spears Wells Machinery Co., Oakland, (a) \$833.25 Dunellen, N. J.; (b) \$1,000; 2% 30 days.
Norris K. Davis Inc., S. F., (a) \$750, Watertown, Iowa; 1% 20 days.
Harron Rickard & McCone Co., S. F., (a) \$825.50, Pt. Washington, Wisc., (b) \$924.50; net.
Tenison Machinery Co., S. F., (a) \$849, Milwaukee; (b) \$954, 2% 30 days.
Knox-Hale Machinery Co., S. F., (a) \$850, Milwaukee; (b) \$1091; net.
Brown-Bevis Co., L. A., (a) \$900, Milwaukee; (b) \$1,000; net.
Smith Booth Usher Co., L. A., (a) \$789.75 Columbus, Ohio; (b) \$896.75; net. 25

CONTRACT AWARDED

SAN FRANCISCO.—Edward R. Bacon Company, 17th and Folsom Sts., San Francisco, at \$1,421, 5% 10 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Quot. No. 1125, for one dragline bucket, 2 cu. yds., complete; fob Fort Mason.

Electric Steel Foundry Co., 699 2nd Street, San Francisco, at \$1,725, 2% 30 days, submitted only other bid. 25

BIDS OPENED

SAN BERNARDINO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 1125, Req. No. 1816, for two 8-ft. pneumatic tired leading wheel graders with scarifiers; fob San Bernardino.

Bids were:
Brown-Bevis Co., L. A., \$1280, ea.,

2% 30 days.
Smith Booth Usher Co., L. A., \$1210, 2% 30 days.
J. D. Adams Co., S. F., \$1657.05, 2% 30 days.
Caterpillar Tractor Co., Oakland, \$1272.08, \$500.00 each, 20 days.
Crooks Co., L. A., \$1270.28, net. 25

BIDS OPENED

ALPINE COUNTY, Calif.—Following submitted bids to the State Division of Highways, Department of Public Works, R. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for rental of (1) one 1 1/2-cu. yd. gasoline operated shovel equipped for operation as a dragline with dragline boom and 1 1/2-cu. yd. dragline bucket; and (2) one to four 1 1/2 cu. yd. water level dump trucks; for use in the vicinity of Markleville, Alpine Co., Calif.

Bids were:
C. Mankel, Sacramento, (1) \$9.00; (2) (a) \$3.65, (b) \$3.10, (c) \$3.40; \$600, moving charge.
Isbell Construction Co., Reno, Nevada, (1) \$9.50, (2) \$4.00; no moving charge. 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for rental of one to five 2 1/2-yd. draglines for 900 hours each, Invid. 10, were opened by U. S. Engineer, L. A., as follows:
B. W. Kuhn, Inc.—(5) \$7 hr., total \$31,500; disc. 1/2 of 1% 10 days (Northwest 80 and 80-D).

United Concrete Pipe Corp.—(1) \$7 hour, total \$6300, less 3% (Lima 701); one additional dragline, \$7 hour, total \$6300, less 1% (Lima 1001).

Archie Danison, Pasadena—(1) \$7 hour, total \$6300, disc. 2% 10 days (Northwest 80-D).

Oswald Bros.—(2) \$7 hour, total \$12,600; disc. 5% 10 days (Northwest 78 and 80).

Lewis Constr. Co.—(1) \$6.95 hr., total \$6255; disc. 2% 10 days (Northwest 80).

Ray Schweitzer—(1) \$7.75 hour, total \$7075; (2) \$8 hour, total \$14,400; disc. 1% 10 days (Lorain 87 or Lima 701).

Pacific Crane & Rigging Co.—(1) \$8 hour, total \$7200; net (Link-Belt K-55).

Bert Calvert—(1) \$5.45 hour, total \$4905; disc. 2% 10 days (Northwest 80).

Ralph O. Dixon—(1) \$6.75 hour, total \$6075; disc. 1/2 of 1% 10 days (Lima 901). 25

BIDS WANTED

SAN FRANCISCO.—Until August 3, 3:40 P. M. bids will be received by the Public Utilities Commission, Room 257, City Hall, under Spec. No. WD. 182, for preliminary excavation and pipe relocation for the reconstruction of Calaveras Stillin Basin, Alameda County, Calif.

Work involves:
(1) 30,000 cu. yds. excavation;
(2) 2,000 cu. yds. bench excavation;
(3) 1,000 cu. yds. pipe trench and structure excavation;
(4) 500 lin. ft. installing 36-inch diameter steel pipe furnished by the City.
(5) 350 lin. ft. removing and relaying of existing 36-inch diameter steel pipe;
(6) 20 roundabout seams, fabricating hends in field;
(7) 35 cu. yds. concrete work;
(8) 2,000 lbs. reinforcing steel;
(9) Lump sum—removing and relocating needle valve.

Plans and specifications may be obtained at the Cashier's office, 6th Floor, San Francisco Water Department Building, 425 Mason Street, San Francisco, upon the deposit of \$10.00.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until August 2, 10:00 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing one 85-ft. aerial motor truck.
Plans and specifications available at above office. 25

BIDS WANTED

LOS ANGELES, Calif.—Until July 26, 2 P. M., bids will be received by the L. A. Water & Power Purchasing Agent, for 4 portable air compressors, gasoline motor driven, mounted on 4 wheels equipped with solid rubber tires, fob 410 Ducommun St. Spec. 2704. 25

BIDS OPENED

OAKLAND, Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$98 per month submitted low bid to the Oakland Port Commission, Foot of Grove St., Oakland, for rental of one concrete mixer for a six month period at the Oakland Airport.

Edward R. Bacon Co., San Francisco, at \$200 per month, submitted only other bid. 25

CONTRACT AWARDED

LOS ANGELES, Calif.—American La France & Foamite Industries, Inc., 733 E. 8th St., L. A., at \$13,337.43, were awarded contract by Metropolitan District, L. A., for fire extinguishing equip. for aqueduct pumping plant. Spec. 280. 25

26—RAILROADS

CONTRACT AWARDED

PORTLAND, Oregon.—Morrison-Knudsen Co., Boise, Idaho, was awarded contract by the Union Pacific Railroad Company, Pittock Block, Portland, for raising, leveling and relocation of tracks of the Union Pacific R. R. along south side of Columbia River from Cascade Locks to The Dalles, Ore. Estimated cost \$1,500,000. 26

27—WPA PURCHASES, RENTALS

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials, as follows:

July 26, 10:00 A. M.
BID No. 5761—2,500 sacks Portland cement; fob Oakland.
BID No. 5762—999 feet vitrified clay sewer pipe; fob Oakland.
BID No. 5763—150 tons concrete gravel and 100 tons concrete sand; fob 41st Ave. and Lincoln Way, S. F.
BID No. 5764—4,000 gals. emulsified asphalt; fob 41st Ave. and Lincoln Way, S. F.
BID No. 5765—Tie wall, cap, cove base, strip; fob Fort Mason, Dock No. 1, S. F.
BID No. 5766—1000 sacks Portland cement; fob 9th Ave., Terminal, Oakland.
BID No. 5767—1300 sacks Portland cement; fob Oakland. 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

July 26, 10:00 A. M.
BID No. 5768—Rental of one dump

truck not less than 2 cu. yds. capacity; fob Albany, Calif.
 July 27, 10:00 A. M.
BID No. 5774—125 tons asphaltic concrete; fob Palo Alto.
BID No. 5775—98 tons liquid asphalt; fob San Luis Obispo.
BID No. 5776—51 tons liquid asphalt; fob Arroyo Grande.
BID No. 5778—35 cu. yds. wet mix concrete; fob Oakland.
BID No. 5779—640 sacks Portland cement; fob Kobbé Ave. & Washington St., S. F.
 July 28, 10:00 A. M.
BID No. 5770—Radiators, sections and brackets; fob Moscow St. and Genva Ave., S. F.
BID No. 5771—1620 lin. ft. pipe; fob Palo Alto.
BID No. 5772—1800 lin. ft. cast iron water pipe; fob Bayshore.
BID No. 5773—Douglas Fir lumber; fob Port of Oakland. * 27

BIDS WANTED
SAN FRANCISCO.—Until July 29, 10:00 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials, as follows:
BID No. 5780—2000 sacks Portland cement fob 4554 Bond St., Oakland.
BID No. 5782—12,956 lbs. reinforcing steel; fob 751 Brookwood Rd., Oakland.
BID No. 5784—500 sacks Portland cement; fob Auburn, Placer Co.
BID No. 5785—500 sacks Portland cement; fob Oroville.
BI DNo. 5786—700 sacks Portland cement; fob Bakersfield.
BID No. 5787—1250 sacks Portland cement; fob 501 5th Ave., Oakland.
BID No. 5789—85 squares roof tile; fob Bakersfield.
BID No. 5790—Redwood and Douglas fir lumber; fob Berkeley. * 27

29— STREETS AND HIGHWAYS

BIDS WANTED
SNOHOMISH COUNTY, Wash.—Until July 27, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for construction approximately 1.612 miles South Fork Stillaguamish Highway, Reconstruction Grading Project 7-D2, National Forest Road Project, located within the Mt. Baker National Forest, Snohomish County Wash.
 Work involves:
 (1) All reqd. extra & misc. Force account work;
 (2) 3 acres clearing;
 (3) 8 acres grubbing;
 (4) 72,670 cu. yds. unclassified excavation;
 (5) 95,000 sta. yds. special overhaul;
 (6) 2,750 C. Y. M. special overhaul;
 (7) 2 acres roadside cleanup;
 (8) 1.612 miles finishing earth graded roads.
 (9) 35 M. ft. B. M. treater timber creosote preservation incld. bridge iron.
 (10) 410 lin. ft. culverts (alternate).
 Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

BIDS OPENED
SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorset, District Engineer, 401 Custom House San Francisco, under Bid No. 868-39-8, for copper tubing and fittings; fob

Battery Davis, Fort Funston, S. F.
 Bids were:
 American Brass & Copper Co., \$21.16, 2% 10 days.
 Seoville Mfg. Co., partial bid; net.
 Miller & Stern Supply Co., \$41.58; 2% 30 days.
 C. W. Marwedel, \$28.27; 2% 30 days.
 Pacific Metals Co., Ltd., \$23.91; 2% 10th prox.
 R. J. Leahy Co., \$29.79; net. * 29

BIDS WANTED
OKANOGAN COUNTY, Wash.—Until July 27, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing approximately 1.074 miles of the Loop Loop Highway Grading, Washington Forest Highway Project 28-C1, D1, located within the Chelan National Forest, Okanogan County, Wash.
 Work involves:
 (1) 11 acres grubbing;
 (2) 201,300 cu. yds. unclassified excavation;
 (3) 201,300 sta. yds. special overhaul;
 (4) 1,130 lin. ft. culverts (alternate); Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

CONTRACT AWARDED
HUMBOLDT COUNTY, Nev.—Dodge Construction Inc., Fallon, at \$4,387.94 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 7.90 miles of the State Highway from a point approximately ten miles northeast of the Junction to State Routes Nos. 8 and 8B to Paradise, Route 'B', Section A, Humboldt Co., Nev.
 Isbell Construction Co., Reno, at \$48,720.65 submitted second low bid. Complete bids will be published shortly. * 29

CONTRACT AWARDED
STOREY COUNTY, Nev.—Isbell Construction Co., Reno, at \$22,829.35 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for the construction of approximately 4.96 miles of the State Highway from a point approximately 1/2 mile north of Virginia City to a point approximately 5 miles northwest of Virginia City, Section A, Route 17, Storey County, Nev.
 U. B. Lee, San Leandro, at \$24,764.80 submitted second low bid.
 Complete bids will be published shortly. * 29

CONTRACT AWARDED
ELKO COUNTY, Nev.—Dodge Construction Inc., Fallon, at \$17,274.03 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for construction of approximately 0.50 miles of the State Highway through the City of Wells, Route 1, Section E2, Elko County, Nevada.
 Utah Construction Co., Ogden, at \$17,280.59 submitted second low bid. Complete bids will be published shortly. * 29

CONTRACT AWARDED
HICKAM FIELD, T. H.—Moses Akiona, Honolulu, at \$10,990.00 submitted low bid to Capt. John A. Hunt, Constructing Quartermaster, Hickam Field, T. H., under Bid No. CQM 397-1 for performing miscellaneous grading and filling at Hickam Field. * 29

BIDS WANTED
SAN FRANCISCO.—Until July 28, 3:00 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Contract No. 46, for paving at the San Francisco Airport.
 Work involves:

- (1) 320,000 gallons emulsified asphalt, in place, in asphalt stabilized pavement base;
 - (2) 430,000 gallons emulsified asphalt, in place in asphaltic concrete wearing surface;
 - (3) 150,000 gallons emulsified asphalt, in place in asphaltic concrete fill under wearing surface;
 - (4) 60,000 gallons emulsified asphalt, in place in seal coat and penetration asphaltic treatment;
 - (5) 3,000 gallons emulsified asphalt delivered in storage;
- Plans and specifications may be obtained at the Cashier's office, 6th Floor, San Francisco Water Dept. Building, 425 Mason Street, San Francisco. * 29

CONTRACT AWARDED
STOREY COUNTY, Nevada.—Isbell Const. Co., Reno, at \$22,829.35 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 4.96 miles of the State Highway from a point approximately 1/2 mile north of Virginia City to a point approximately 5 miles northwest of Virginia City, Section A, Route 17, Storey County, Nevada.
 Work involves:

- (1) 500 c.y. rdwy. excav.;
- (2) 4.96 miles reshaping rdwy.;
- (3) 65 M. gals. water;
- (4) 14,461 tons select material base;
- (5) 29,765 ton mile haul of select material base;
- (6) 750 l.f. beam type metal guard rail;
- (7) 99 each guide posts;
- (8) 84 each culvert markers;
- (9) 490 tons liquid asph., type MC-2 (road-mix);
- (10) 4.96 miles roadmix;
- (11) 54 tons liq. asph. Type RC-2 (seal).

Total bids follow:
 (A) Isbell Const. Co., Reno, \$22,829.35.
 (B) U. B. Lee, San Leandro, \$24,764.80.
 (C) Dodge Const., Inc., Fallon, \$26,184.25.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 1.00	\$ 1.00	\$ 1.00
(2).....	25.00	100.00	250.00
(3).....	2.00	3.00	3.00
(4).....	.35	.45	.45
(5).....	.10	.12	.12
(6).....	1.50	1.75	1.50
(7).....	3.50	3.00	3.00
(8).....	3.50	3.00	3.00
(9).....	18.00	15.00	17.50
(10).....	500.00	500.00	600.00
(11).....	18.00	20.00	17.50

CONTRACT AWARDED
HUMBOLDT COUNTY, Nev.—Dodge Construction Inc., Fallon, at \$4,387.94 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of approximately 7.90 mi. of the State Highway from a point approximately ten miles northeast of the Junction to State Routes Nos. 8 and 8B to Paradise, Route 8B, Section A, Humboldt Co., Nev.
 Work involves:
 (1) 24,464 l.f. remove fence;
 (2) 208 l.f. remove culvert pipe;
 (3) 13 each remove headwalls (concrete);

- (4) 9 each remove headwalls (rubble);
- (5) 25,733 c.y. rdwy. excav.
- (6) 1,370 cu. drainage excavation;
- (7) 113 sta. "V" type ditches;
- (8) 13,296 c.y. borrow;
- (9) 82,979 yd. sta. overhaul;
- (10) 2,745 yd. mt. overhaul;
- (11) 760 c.y. struc. excav.
- (12) 960 c.y. backfill;
- (13) 7.90 miles subgrade type B.
- (14) 1,848 M. gals. water;
- (15) 30,603 tons Type I gravel bsse;
- (16) 24,160 tons gravel surface.
- (17) 84 c.y. Class A concrete;
- (18) 68 c.y. Class B concrete;
- (19) 10,130 lbs. reinf. steel;
- (20) 192 lf. 12-in. Corru. metal pipe;
- (21) 886 lf. 18-in. do.;
- (22) 600 lf. 24-in. do.;
- (23) 34 lf. 30-in. do.;
- (24) 36 lf. 36-in. do.;
- (25) 188 lf. relay culvert pipe;
- (26) 5,583 lf. construct fence;
- (27) 23,026 lf. reconstruct fence;
- (28) 3 each 16-ft. steel gates;
- (29) 36 each monuments;
- (30) 1 each move mail box.

Total bids follow:
 (A) Dodge Construction Inc., Fallon, \$44,387.94.
 (B) Isbell Construction Co., Reno, \$48,720.65.

(C) U. B. Lee, San Leandro, \$51,039.58.
 (D) N. M. Ball Sons, Berkeley, \$52,693.71.

(E) Utah Construction Co., Ogden, \$54,985.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	.03	.03	.03	.02	.02
(2).....	.75	.50	.50	5.00	5.00
(3).....	5.00	5.00	5.00	5.00	5.00
(4).....	5.00	2.00	5.00	3.00	5.00
(5).....	.18	.18	.25	.25	.30
(6).....	.20	.18	.25	.40	.30
(7).....	3.00	5.00	4.00	5.00	4.00
(8).....	.20	.25	.20	.20	.25
(9).....	.01	.02	.01	.01	.01
(10).....	.10	.10	.08	.15	.15
(11).....	1.00	1.00	1.00	1.50	1.50
(12).....	.50	.50	.50	.75	.50
(13).....	100.00	100.00	125.00	100.00	125.00
(14).....	1.00	1.00	1.00	1.50	1.50
(15).....	.28	.30	.24	.39	.35
(16).....	.40	.45	.64	.44	.50
(17).....	28.00	30.00	30.00	30.00	30.00
(18).....	28.00	30.00	35.00	30.00	30.00
(19).....	.07	.065	.07	.07	.07
(20).....	2.00	1.60	1.50	1.75	1.50
(21).....	2.35	2.25	2.00	2.25	2.25
(22).....	3.15	3.25	3.00	3.00	3.25
(23).....	3.65	4.00	3.50	4.00	4.50
(24).....	5.50	6.00	5.50	6.00	6.00
(25).....	.75	1.00	1.00	1.00	1.00
(26).....	.12	.12	.10	.15	.15
(27).....	.07	.10	.05	.07	.08
(28).....	29.89	25.00	20.00	25.00	25.00
(29).....	3.00	3.00	3.00	3.00	3.50
(30).....	5.00	2.50	1.00	3.00	5.00

CONTRACT AWARDED
ELKO COUNTY, Nevada.—Dodge Construction, Inc., Fallon, at \$17,274.03 submitted low bid and awarded contract by State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 0.50 miles of the State Highway through the City of Wells, Route 1, Section E2, Elko County, Nev.

- Work involves:
- (1) 209 lin. ft. remove culvert pipe.
 - (2) 9 cu. yds. remove concrete.
 - (3) 6355 sq. yd. remove and stockpile roadmix surfacing.
 - (4) 4344 cu. yds. roadway excavation.
 - (5) 14 cu. yds. drainage excavation.
 - (6) 14,344 yds. sta. overhaul (yd. sta.).
 - (7) 149 yds. mt. overhaul (yd. mt.).
 - (8) 147 cu. yds. structure excavation.
 - (9) 196 cu. yds. backfill.

- (10) 18550 sq. yds. subgrade, Type "B."
- (11) 390 M gal. water.
- (12) 4913 ton, Type 1, gravel base.
- (13) 2426 ton gravel surface.
- (14) 900 cu. yds. salvaged aggregate.
- (15) 15 ton liquid asphalt Type SC2 (Seal).
- (16) 110 ton liquid asphalt Type SC2 (Roadmix).
- (17) 18550 sq. yds. roadmix.
- (18) 12 cu. yds. Class "A" concrete.
- (19) 464 lbs. reinforcing steel.
- (20) 150 lin. ft. 10-inch corrugated metal pipe.
- (21) 194 lin. ft. 15-inch corrugated metal pipe.
- (22) 1 each remove pipe culvert headwalls.
- (23) 230 cu. yds. Class "A" concrete curb and gutter.
- (24) 5950 lbs. castings.
- (25) 15 each, corrugated metal pipe tee.
- (26) 3 each, trash gate.

Total bids follow:
 (A) Dodge Construction, Inc., Fallon, \$17,474.03.
 (B) Utah Const. Co., Ogden, \$17,280.59.
 (C) Silver State Const. Co., Inc., Fallon, \$23,187.64.
 (D) Gibbons & Reed Co., Salt Lake City, \$23,642.12.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$1.00	\$7.50	\$5.50	\$7.75
(2).....	5.00	7.00	10.00	10.00
(3).....	.05	.03	.10	.12
(4).....	.35	.35	.30	.50
(5).....	.50	1.00	1.00	1.00
(6).....	.02	.01	.01	.03
(7).....	.20	.20	.50	.25
(8).....	1.00	1.50	2.00	1.00
(9).....	.50	.50	1.00	.50
(10).....	.03	.02	.03	.05
(11).....	1.00	1.10	2.00	2.50
(12).....	.40	.30	.70	.80
(13).....	.60	.50	.75	1.00
(14).....	.50	.35	.50	.75
(15).....	25.00	20.00	20.00	20.00
(16).....	16.00	17.00	20.00	20.00
(17).....	.06	.05	.07	.08
(18).....	30.00	35.00	40.00	35.00
(19).....	.10	.10	.10	.10
(20).....	2.00	1.50	2.00	1.85
(21).....	2.25	2.00	2.50	2.10
(22).....	18.00	15.00	10.00	15.00
(23).....	18.00	24.00	30.00	20.00
(24).....	.15	.15	.15	.10
(25).....	10.00	17.00	10.00	10.00
(26).....	12.50	20.00	25.00	15.00

CONTRACT AWARDED
LAKE CO., Oregon.—McNutt Bros., Eugene, Ore., at \$72,664.40 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 318 New Post Office Building, Portland, for 2,961 miles of grading and 4577 miles of surfacing on the Klamath Falls-Lakeview Highway, reconstruction grading and surfacing Project 30-B1, National Forest Road Project, located within the Fremont National Forest, Lake County. 29

CONTRACT AWARDED
YERBA BUENA SHOALS.—Heafey-Moore & Fredrickson & Watson Construction Company, 344 High St., Oakland, at \$38,244.40, was awarded contract by the San Francisco Bay Exposition Company, 585 Bush St., San Francisco, under Contract No. 1471, for rock base pavement. 29

CONTRACT AWARDED
YERBA BUENA SHOALS.—Eaton and Smith, 715 Ocean Avenue, San Francisco, at \$210,964, was awarded contract by the San Francisco Bay Exposition Company, 585 Bush St., San Francisco, under Contract No. 147-2, for stabilized pavements. 29

CONTRACT AWARDED
YERBA BUENA SHOALS.—Heafey-Moore & Fredrickson & Watson Construction Co., 344 High Street, Oakland, at \$54,350, submitted low bid and awarded contract by the San Francisco Bay Exposition Company, 585 Bush Street, San Francisco, under Contract No. 197, for paving on Yerba Buena Island.

CONTRACT AWARDED
HUMBOLDT COUNTY, Cal.—Harold Smith, 1427 Kearny Street, St. Helena, at \$56,823.50, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about one-quarter mile to be graded, surfaced with plant-mix surfacing and sacked concrete and placing riprap, at Greenlow Bluffs, Humboldt County. 29

LOW BIDDER
FERRY COUNTY, Wash.—C. E. Oneal Co., Inc., Ellensburg, at \$34,808 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office, Portland, for approximately 1-055 miles grading and 0.875 mile advance clearing of the Republic-Kettle Falls, Grading and Advance Clearing Project 20-F, National Forest Road Proj., located within the Coileville National Forest, Ferry County, Wash. 29

CONTRACT AWARDED
SAN FRANCISCO.—The Fay Improvement Co., 760 Market St., San Francisco, at \$47,206.60, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 10,098, for the improvement of Bernal Avenue and Arlington St. 29

CONTRACT AWARDED
SACRAMENTO, Calif.—Acme Transportation Inc., 1020 44th Avenue, Oakland, at \$0,0327 per sq. yd., submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing and spreading 90,000 gallons more or less, of SC-1 Asphaltic road oil on the runways of the Sacramento Airport. 29

Total bids follow:
 Acme Transportation Inc., 1020 44th Avenue, Oakland, \$0,0327.
 A. Teichert & Son Inc., Sacramento, \$0,0247.
 E. Hilliard, Sacramento, \$0,037.
 J. R. Reeves, Sacramento, \$0,038.
 Garcia Construction Co., Irvington, \$0,039.
 J. P. Breen, Sacramento, \$0,0395.
 L. G. Lentz, \$0,0429. 29

CONTRACT AWARDED
KERN COUNTY, Calif.—J. A. Anderson and Geo. France, Visalia, at \$11,107.24, awarded contract by the State Division of Highways, Sacramento, for about 1 mile to be graded and oiled and two bridges to be constructed one miles south of Rosedale and 2 miles south of Rosedale, Kern County. 29

CONTRACT AWARDED
HUNTINGTON PARK, Los Angeles Co., Cal.—Griffith Co., Los Angeles Ry. Bldg., Los Angeles, at \$20,877.12 was awarded contract by the Huntington Park city council for the improvement of Salt Lake Ave. bet. Florence Ave. and Otis St., a length of approximately 3814 lf. 29

BIDS OPENED
SACRAMENTO AIR DEPOT, Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$57,679, submitted low bid to the Constructing 29

Quartermaster, Sacramento Air Depot, for construction and completion of asphaltic concrete wearing surfacing for runways at the Sacramento Air Depot. Estimated cost \$50,000. Work involves (2) three-quarter inch cold asphaltic concrete wearing surface including seal coat per sq. yd.

Total bids follow:
 Union Paving Co., 212 Babcock Bldg., San Francisco, \$57,679; Item 2—\$0.20; Begin in 10, finish 10 days.
 J. R. Reeves, Sacramento, \$57,765; Item 2—\$0.22. Begin in 10 finish in 90 days. Reeves submitted separate deductions as follows:
 Deduct from (Par. 1) \$4,300; (Par. 2) \$0.05 1/2.
 A. Teichert & Son Inc., Sacramento, \$58,369; Item 2—\$0.18. Begin in 10 finish in 90 days. Teichert submitted separate deductions as follows: Deduct from Page 2, Par. 4—\$6,400.
 J. A. Casson, Hayward, \$75,677; Item 2—\$0.26. Begin in 15 days finish in 60.

COMPLETE BIDS

TULARE COUNTY, Calif.—L. C. Clark, 217 S. West St., Visalia, at \$6,316.70 submitted low bid to the Tulare County Board of Supervisors, Gladys Stewart, County Clerk, Court House Bldg., Visalia, for construction of a reinforced concrete approach to existing concrete bridge across Tule River and two 3-ft. by 10-ft. reinforced concrete culverts, located between the north one-fourth corner of Section 26, T. 21 S. R. 28 E. M. D. E. & M., and north one-fourth corner of Section 25, approximately 7 miles east of Porterville, Tulare County. Total bids follow:
 L. C. Clark, Visalia, \$6,316.70
 J. E. Anderson, Visalia, \$6,851.98
 Hodson & Sons, 6,928.39

BIDS OPENED

MONO COUNTY, Cal.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at \$75,764.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles grading, surfacing with road-mixed surfacing, and applying a Class A seal coat between Sonora Junction and Coleville, Mono County, Calif.

Work involves:
 (1) clear and grub;
 (2) 875 M. gals. water;
 (3) 18,000 cu. roadway excavation, without classification;
 (4) 535 c.y. struc. excav.;
 (5) 47,200 c.y. ditch and channel excavation;
 (6) 146,000 sta. yds. overhaul;
 (7) 600 mlls yds. overhaul;
 (8) 2,900 cu. imp. borrow;
 (9) 10,100 c.y. heavy riprap;
 (10) 270 c.y. sacked concrete;
 (11) 186 sta. finish roadway;
 (12) 16 tons liq. asph., ROMC-2 or 3 (prime coat);

(13) 1,850 c.y. min. agg. road mix surfacing;
 (14) 122 tons liq. asph., ROMC-2 or ROMC-3 (road-mix surf.);
 (15) 15 tons liq. asph., MC-4 or MC-5 (seal coat);
 (16) 95 cu. sand seal coat;
 (17) 6 c.y. Class A portland cement concrete structures;
 (18) 160 lbs. bar reinf. steel, struc.;
 (19) 158 lf. 18-in. CMP;
 (20) 170 lf. 24-in. CMP;
 (21) 70 lf. 36-in. CMP;
 (22) 73 lf. remove and relay pipe culverts;
 (23) 74 lf. remove and salvage pipe culverts;
 (24) 1 each, headwall remove and re-set;
 (25) 40 each, culvert markers;
 (26) 15 each, new monuments;

(27) 7 each, moving and resetting monuments;
 (28) 360 lf. remove exist. rock wall.
 Total bids follow:
 (A) A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, \$75,764.50
 (B) Isbell Const. Co., Reno, \$102,984.00
 (C) Basich Bros., Torrance, \$103,187.90
 (D) Geo. K. Thompson Co., Los Angeles, \$134,382.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$7000.00	\$8000.00	\$3600.00	\$6000.00
(2).....	1.00	1.50	.80	2.00
(3).....	.50	.65	.50	.70
(4).....	.80	2.00	3.00	1.50
(5).....	.27	.56	.90	.60
(6).....	.04	.02	.01	.01
(7).....	.21	.15	.15	.20
(8).....	.65	.65	.40	.80
(9).....	3.00	2.75	3.00	6.50
(10).....	8.50	20.00	10.00	12.50
(11).....	15.00	5.00	10.00	8.00
(12).....	19.50	25.00	19.00	20.00
(13).....	1.25	2.50	1.60	3.00
(14).....	19.50	25.00	18.00	20.00
(15).....	23.00	25.00	25.00	20.00
(16).....	3.00	3.50	4.00	2.50
(17).....	55.00	40.00	35.00	30.00
(18).....	.10	.10	.06	.10
(19).....	2.10	2.50	2.25	2.00
(20).....	3.30	3.50	3.00	3.00
(21).....	6.00	6.50	4.50	4.00
(22).....	.90	1.00	.80	1.00
(23).....	.50	1.00	.60	.75
(24).....	5.00	10.00	15.00	15.00
(25).....	2.00	3.50	3.00	2.00
(26).....	4.00	4.00	5.00	3.00
(27).....	2.50	3.00	5.00	1.00
(28).....	.50	1.00	.75	.20

CONTRACT AWARDED

VENTURA, Cal.—Dimmit & Taylor, 815 E. 59th St., L. A., at \$19,929.55 submitted low bid and were awarded contract by Ventura county board of supervisors, for improvement of Santa Clara Ave. The work involves:
 (1) 82 sta. clearing and grubbing;
 (2) 20 cu. yds. removing concr.;
 (3) 635 cu. yds. struc. excav.;
 (4) 280 cu. yds. class A Portland cement concrete (structures);
 (5) 18,750 lbs. reinf. steel;
 (6) 70 lin. ft. 18-in. corr. metal pipe;
 (7) 19,600 FBM misc. lb.;
 (8) 480 tons plant mix surf.;
 (9) 183 tons SC-2 liq. asph.;
 (10) 22,630 sq. yds. preparing, mixing and shaping roadbed;
 (11) 18,900 cu. yds. roadway embankment;
 (12) 82 sta. finish roadway.

Bid 1037. L. E. Hallowell, county clerk.
 The total bids were:
 (A) Dimmit & Taylor, L. A., \$19,929.55.
 (B) C. R. Butterfield-Kennedy Co., San Pedro, \$20,992.80.
 (C) C. F. Robbins, L. A., \$21,744.96.
 (D) Vido Kovacevich, South Gate, \$22,234.40.

	(A)	(B)	(C)	(D)
(1).....	\$ 2.00	\$ 4.00	\$ 3.00	\$10.00
(2).....	5.00	5.00	3.00	10.00
(3).....	1.00	1.00	1.00	1.00
(4).....	17.00	18.00	19.00	17.00
(5).....	.05	.06	.05	.06
(6).....	2.00	2.00	2.00	2.50
(7).....	65.00	.085	100.00	65.00
(8).....	3.50	4.00	3.75	5.50
(9).....	8.00	7.50	9.00	8.30
(10).....	.055	.06	.08	.05
(11).....	.345	.365	.35	.45
(12).....	5.00	5.00	5.00	5.00

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until August 10, P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 3.5 miles of

grading and paving with asphalt concrete and Portland cement concrete between Castro Valley Junction and San Leandro, Alameda County.
 Work involves:
 (1) 100 each remove trees, size 1;
 (2) 30 each remove trees, size 2;
 (3) 20 each remove trees, size 3;
 (4) 3,600 M. gals. water;
 (5) 250,000 c.y. rdwy. excav., unclass.
 (6) 3,250,000 sta. yds. overhaul;
 (7) 5,150 c.y. struc. excav.;
 (8) 750 c.y. ditch excav.;
 (9) 8,000 c.y. top soil;
 (10) 1,030 c.y. remove concrete;
 (11) 186 sta. finish rdwy.;
 (12) 105,000 sq. yds. prepare sub-grade;
 (13) 6,000 sq. yds. asphaltic paint binder;
 (14) 18,150 tons asph. conc.;
 (15) 8,280 c.y. Class B Portland cement conc. pave;
 (16) 350 tons liq. asph. SC-2, road mix surf. treat and penetration oil treatment;
 (17) 43,900 sq. yds. prepare, mix and shape shoulders;
 (18) 10 tons liquid asphalt 90-95 seal coat;
 (19) 90 tons screenings seal coat and penetration oil treatment;
 (20) 1,400 tons crusher run base borders;
 (21) 85,000 lbs. reinf. steel pave. and struc.;
 (22) 500 c.y. Class A Portland cement conc. struc.;
 (23) 350 c.y. Class B Portland cement conc. curbs and sidewalks
 (24) 15,450 each pave. dowels;
 (25) 405 each curb dowels;
 (26) 1,630 lf. 18-in. stand. reinforced conc. pipe;

(27) 320 lf. 6-in. vit. clay pipe;
 (28) 300 lf. 8-in. CMP;
 (29) 1,400 lf. 12-in. CMP;
 (30) 600 lf. 15-in. CMP;
 (31) 3,100 lf. 18-in. CMP;
 (32) 430 lf. 24-in. CMP;
 (33) 120 lf. 30-in. CMP;
 (34) 42 lf. 48-in. CMP;
 (35) 6,500 lf. 8-in. perf. metal pipe underdrains;
 (36) 1,400 cu. rock fill material underdrains;
 (37) 5 each spillway assemblies;
 (38) 58 each cast steel frames and covers for drop inlets;
 (39) 38 each frames and gratings for special catchbasins;
 (40) 1 each brick catchbasin;
 (41) removing reservoir;
 (42) 1,100 lbs. copper strips;
 (43) 330 lf. ornamental fence;
 (44) 4 each cast iron floor drains;
 (45) 2 miles new property fence;
 (46) 20 each drive gates;
 (47) 6 each walk gates;
 (48) 60 each culvert markers;
 (49) 30 each guide posts;
 (50) 50 each clearance markers;
 (61) 65 each monuments;
 (52) 1 lot lighting equipment.
 Plans and specifications may be obtained from the above office.

BIDS WANTED

PLACER COUNTY, Cal.—Until August 10, P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.3 miles grading and paving with Portland cement concrete between 0.6 mile east of Roseville and Rocklin, Placer Co.
 Work involves:
 (1) clear and grub;
 (2) 1,000 M. gals. water;
 (3) 42,000 c.y. rdwy. excav., unclass.
 (4) 750 c.y. struc. excav.;
 (5) 800 c.y. ditch and channel excav.
 (6) 6,500 c.y. imported borrow;
 (7) 734,000 sta. yds. overhaul;
 (8) 29,000 sq. yds. preparing sub-grade;
 (9) 620 c.y. remove concrete;

- (10) 122 sta. finish rdwy.;
 (11) 48 sta. scarifying exist. roadbed
 (12) 3,000 c.y. salvaged surf.;
 (13) 125 tons plant mix surf.;
 (14) 105 tons liq. asph. SC-2 road mix
 surf. treat. and prime coat;
 (15) 57 tons sand prime coat;
 (16) 18,000 sq. yds. preparing, mixing
 and shaping roadbed, road mix
 surf. treat.;
 (17) 12 tons liq. asph. 90-95 seal coat.
 (18) 130 tons screenings, seal coat;
 (19) 22,200 lbs. bar reinf. steel pave.
 and struc.;
 (20) 10 c.y. Class A Portland cement
 conc. struc.;
 (21) 5,150 c.y. Class B do for conc.
 pavement;
 (22) 11,900 each pavement dowels;
 (23) 4,200 each pave. tie bolt assem-
 blies;
 (24) 5 sections pave. crossing devices
 Type A special;
 (25) 4 sections do, Type B-11;
 (26) 136 lf. 12-in. CMP;
 (27) 430 lf. 18-in. CMP;
 (28) 76 lf. 24-in. CMP;
 (29) 34 lf. 42-in. CMP;
 (29) 62 lf. 48-in. CMP;
 (31) 726 lf. 8-in. perf. metal pipe
 underdrain;
 (32) 160 c.y. rock filling material;
 (33) 46 lf. clean and relay existing
 CMP;
 (34) 6 each remove and reset head-
 walls;
 (35) 80 lf. laminated guard railing;
 (36) 720 lf. temporary guard railing
 (37) 24 each culvert markers;
 (38) 50 each guide posts;
 (39) 10 each remove and reset guide
 posts;
 (40) 40 ea. remove and salvage guide
 posts;
 (41) 14 miles remove and reset prop-
 erty fence;
 (42) 2 each drive gates;
 (43) 40 each monuments.
 Plans and specifications may be
 obtained from the above office. * 29

CONTRACT AWARDED

STATE OF UTAH.—Bennett and Taylor, 598 San Fernando Road, Los Angeles, at \$62,172.50 were awarded contract by Bureau of Public Roads, Washington, D. C., for construction of Alpine Scenic Forest highway Route in Wasatch National Forest, Utah County, Utah, approx. 1,448 miles long. * 29

BIDS WANTED

- PIMA COUNTY, Ariz.—Until Aug. 3, 10 A. M., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of Ajo-Tucson highway, FAS 110-F (1) (1938) AFE 632. The work, which begins at the Tucson-San Xavier Mission Rd. and extends east about 2 miles to the Tucson-Nogales Highway, consists of grading, draining, aggrev. base course and oil processing (SC-2 road or plant mix) and is to be completed on or before Dec. 31, 1938. The work involves:
 (1) 8,300 cu. yds. roadway excav.;
 (2) 3,900 cu. yds. drainage excav.;
 (3) 7,000 cu. yds. imported borrow;
 (4) 4700 tons aggrev. base course;
 (5) 790 M gals. sprinkling;
 (6) 250 hours rolling;
 (7) 20 MBM treated timber;
 (8) 1,055 lin. ft. treated timber piles;
 (9) 27 each driving piles;
 (10) 3,300 tons mineral aggregate;
 (11) 42,900 gals. road oil SC-2;
 (12) 2.0 ml. processing road mix;
 (13) 410 tons screenings;
 (14) 58 tons emulsified asphalt, class A;
 (15) 23,700 sq. ft. 1½-in. gunite;
 ALTERNATE:
 (16) 3,470 tons plant mix;
 (17) 174 tons road oil SC-2;
 (18) 2.0 ml. placing plant mix.

Howard S. Reed, State Highway Engineer.
 Certified or cashier's check 5% must accompany bid. * 29

LOW BIDDERS

YUMA COUNTY, Arizona.—Fisher Contracting Co., 516 S 7th Street, Phoenix, at \$32,405.28 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the San Luis-Yuma Highway Non-FA, AFE 9501. The work, which is to begin at the town of San Luis and extends northward for a distance of approx. three miles consists of grading and draining the roadway; importing binder material; mixing binder and local material; and oil processing the mixed material with MC-4 cutback asphalt and is to be completed on or before Oct. 31, 1938.
 John L. Thomas, Somerton, Ariz., at \$36,445.83 submitted second low bid. * 29

COMPLETE BIDS

KICKKITAT COUNTY, Wash.—E. C. Hall Company, Eugene, Oregon, at \$42,568.62 (metal pipe) submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for approximately 6,818 miles reconstructing surfacing and 1,703 miles surfacing aggregate production on Mt. Adams Highway, Project 17-A4, B2, C, National Forest Road Project, located within the Columbia National Forest, Klickitat County, Wash.
 Total bids follow:
 (a) metal pipe; (b) concrete pipe.
 E. C. Hall Co., Eugene, (a) \$42,568.62 (b) \$42,608.62.
 Edwin C. Gerber, Oregon City, (a) \$48,323.80; (b) \$48,330.20.
 Babier Bros., Portland, (a) \$48,576.80; (b) \$48,656.80.
 Homer G. Johnson, Portland, (a) \$56,904.80; (b) \$56,904.80.
 A. Milne, Portland, (a) \$58,920.50; (b) \$59,054.50.
 J. C. Papin, Carson, (a) \$61,845.40; (b) \$61,925.40.
 The Mirene Co., Portland, (a) \$66,030.60; (b) \$66,038.60.
 Unit prices are on file at the office of Daily Pacific Builder, 465 10th St., San Francisco. * 29

BIDS OPENED

INYO COUNTY, Calif.—Following submitted bids to the Inyo County Board of Supervisors, Dora Merithew, Clerk, Independence, for furnishing, delivering and spreading 45,000 gals. of SC-3 road oil, temp. 180 deg. F., on the streets of Lone Pine in Road District No. 4, Inyo County.
 Bids were:

Square Oil Co., \$0.0392 per gal.
 Oilfields Trucking Co., \$12.45 per ton
 Paulsen & March, \$175 per net bbl., 42 U. S. gals.
 San Fernando Refining Co., \$0.03143 per gallon.
 Lamb Transportation Co., \$0.04113 per gallon.
 Union Oil Co. of California, \$0.0447 per gallon.
 Telegraph Refining Corp., \$1.86 per barrel. * 29

COMPLETE BIDS

FERRY COUNTY, Wash.—C. E. Oneal Co., Inc., Ellensburg, at \$34,030.50 (metal pipe) submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for approximately 1,055 miles grading and 0.875 mile advance clearing the Republic-Kettle Falls, Grading and Advance Clearing Project 20 - F, National Forest Road Project located within the Col-

ville National Forest, Ferry County, Wash.

Total bids follow:
 (a) metal pipe; (b) concrete pipe.
 C. E. Oneal Co., Inc., Ellensburg, (a) \$34,803.50; (b) \$35,538.50.
 Hallstrom & Hallstrom, Seattle, (a) \$48,344.50; (b) \$48,672.00.
 K. L. Goulter, Seattle, (a) \$49,247.50; (b) \$49,547.50.
 Geo. F. Price, Dayton, (a) \$53,209; (b) \$53,509.
 Roy L. Bair, Spokane, (a) \$55,398; (b) \$55,594.
 Road Builders, Inc., Stevenson, (a) \$58,572; (b) \$58,638.50.
 Unit prices are on file at the office of Daily Pacific Builder, 465 10th St., San Francisco. * 29

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing and deliv. crushed rock or gravel and washed conc. or plaster sand, Spec. 3785, were opened by L. A. City Purchasing Agent. The items are:
 (1) 225 tons sand, washed conc. or plaster: (a) fob Whitsett Ave. bridge; (b) bunker;
 (2) 325 tons crushed rock or gravel, item C: (a) fob Whitsett Ave. bridge; (b) bunker;
 (3) 850 tons sand: (a) fob San Pasqual Ave. bridge over Arroyo Seco; (b) bunker;
 (4) 1300 tons crushed rock or gravel, item C: (a) fob San Pasqual Ave. bridge; (b) bunker;
 (5) 150 tons sand (a) fob Sunset Blvd. and Sullivan Canyon Wash.; (b) bunker;
 (6) 325 tons crushed rock or gravel, item C: (a) fob Sunset Blvd. and Sullivan Canyon Wash.; (b) bunker;
 (7) 5000 tons sand (a) fob vicinity of Washington Blvd. and Indiana St., Venice; (b) bunker;
 (8) 7500 tons crushed rock or gravel, item C: fob vicinity of Washington Blvd. and Indiana St., Venice; (b) bunker.
 The bidders were:
 Consolidated Rock Prod.—Bunkers, San Fernando and Radford Rd., 11,222 Pico Blvd.; totals, (a) \$27,521.75, (b) \$25,924.50.
 Haines Canyon Rock Co.—Bunkers, Haines Canyon, Tujunga; total \$25,555.
 Graham Bros., Inc.—Total, \$27,521.75.

Arrow Rock Co.—Bunkers, Sherman Way and Fulton Ave., Buena Vista and Meridan St., Monrovia; totals, (a) \$26,701.25 (b) \$19,437.

Blue Diamond Corp.—Bunkers, Cantura and Fair St., Roscoe, and Arrow Highway and Rock Rd.; totals, (a) \$27,521.75 (b) \$19,437.

City Rock Co. (bid not signed)—Bunkers, Cottonwood and Wentworth Ave.; total not shown.

Security Materials Co.—Bunkers, 5731 Colfax Ave., North Hollywood; total, \$27,521.75.

Azusa Rock and Sand Co. Pacific Rock and Gravel Co. All disc. \$20 ton 25th prox., except City Rock Co., which is net. *

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Monterey County, over Welby Hill, about 4.6 miles south of Kings City, Road V, Mon. 2-F, for which bids are to be received in Sacramento Aug. 3. Said representative will meet prospective bidders at the office of District Engineer, San Luis Obispo, on Thursday, July 28, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date. * 29

COMPLETE BIDS

LAKE COUNTY, Ore.—E. C. Hall Co., Eugene, Ore., at \$83,270.40 (metal pipe) submitted the low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.806 mile grading, 8.605 miles of surfacing and 0.0058 mile bridge on Fremont Highway, Grading, Surfacing and Bridge Project 31-A1, B, National Forest Road Project, located within Fremont National Forest, Lake County, Oregon.

Total bids follow:
(a) metal pipe; (b) concrete pipe. E. C. Hall Co., Eugene, (a) \$83,270.40; (b) \$83,440.40.

Clifford A. Dunn, Klamath Falls, (a) \$84,131.10; (b) \$84,331.10.
A. Milne, Portland, (a) \$97,426.90; (b) \$98,586.90.

Unit prices are on file at the office of Daily Pacific Bulcifer, 465 10th St., San Francisco. *29

CONTRACT AWARDED

ROUTT, GRAND & JACKSON COUNTIES, Colo.—Driscoll Construction Co., Pueblo, Colo., at \$95,536.60, awarded contract by the U. S. Bureau of Public Roads, 254 Custom House, Denver, Colorado, for approximately 20.703 miles highway improvement, Project 19-A7, B5, C5, of the Rabbit Ears Pass Forest Highway Route, located within or partly within the Route National Forest, Routt, Grand, and Jackson Counties, Colo. *29

BIDS WANTED

SAN MARINO, Los Angeles Co., Calif.—Until Aug. 10, 7:30 P.M., bids will be received by the San Marino city council for improving California St., betw. Santa Anita and San Gabriel Elvds., involving:

- (1) 4500 cu. yds. excav.;
- (2) Lump sum for clearing, grubbing and removing 16 large, 16 small trees, and 30 shrubs;
- (3) 67,084 sq. ft. 1½-in. oil macadam;
- (4) 2450 ft. curb;
- (5) 5766 s. ft. 6-in. gutter;
- (6) 2033 sq. ft. 8-in. gutter.

Plans and spec. were prepared by the engineers, Chalmers & Barnett (Harold A. Barnett, city engineer), Harold Bldg., Pasadena (Colo. 3616 E. R. Kerr, city clerk. *29

BIDS WANTED

PLUMAS COUNTY, Calif.—Until August 2, 2:00 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, Dist. 11, Redding, about 1 mile to be surfaced with road-mix surfacing and a Class "A" seal coat applied between 0.3 miles north of Spanish Creek and Quincy (11-plu-21-c). Plumas County, Calif. Plans and specifications may be obtained from the above office. *29

BIDS WANTED

SAN DIEGO, Calif.—Until Aug. 2, 10 A. M., bids will be received by the San Diego city council for street improvements as follows:

- Landis St., betw. Villa Terrace and Pershing Ave.:
- (1) 321 cu. yds. excav.;
- (2) 10,903 sq. ft. preparation of sub-grade;
- (3) 10,902 sq. ft. 6-in. concrete pavement.

- Alley in Blk. 145, University Hgts.:
- (1) 498 cu. yds. excav.;
- (2) 2 cu. yds. embank.;
- (3) 12,000 sq. ft. preparation of sub-grade;
- (4) 12,000 sq. ft. 6-in. concrete pavement;
- (5) One 4-in. sewer lateral;

ELKO CO., NEVADA—GRADING—(GOV'T)

ELKO COUNTY, Nevada.—W. W. Clyde & Co., Springville, Utah, at \$74,792.30 submitted low bid to U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and placing base course on 11.560 miles, Section D, of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, and Section A of Federal Lands Highway Project 16, Elko Co., Nevada.

- Work involves:
- (1) 62.0 acres clearing;
 - (2) 62.0 acres grubbing;
 - (3) 154,500 c.y. unclass. excav.;
 - (4) 990 c.y. unclass. excav. for structures;
 - (5) 167,300 sta. yds. overhaul;
 - (6) 30 c.y. foundation fill;
 - (7) 22,500 l.f. furrow ditches;
 - (8) 2,500 M. gals. watering;
 - (9) lump sum, water plant or plants for project;
 - (10) 45,700 tons Type 1 selected borrow base course;
 - (11) 26,800 tons Type 2 graded crushed gravel base course;
 - (12) 43 c.y. concrete;
 - (13) 1,650 lbs. reinf. steel;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$20.00	\$10.00	\$ 10.00	\$25.00	\$15.00	\$20.00	\$ 10.00
(2).....	10.00	10.00	10.00	25.00	15.00	20.00	10.00
(3).....	.175	.18	.24	.25	.25	.27	.27
(4).....	1.00	1.25	1.50	2.00	1.25	1.50	1.50
(5).....	.015	.01	.01	.02	.02	.015	.02
(6).....	2.00	1.00	1.00	.50	1.50	2.00	3.50
(7).....	.03	.04	.05	.05	.07	.045	.10
(8).....	1.50	1.50	1.00	2.00	2.50	2.00	.75
(9).....	50.00	200.00	1250.00	300.00	350.00	500.00	2500.00
(10).....	.35	.37	.47	.45	.48	.60	.45
(11).....	.42	.51	.62	.50	.87	.90	.98
(12).....	30.00	30.00	40.00	30.00	55.00	35.00	40.00
(13).....	.07	.10	.10	.10	.10	.15	.10
(14).....	1.10	1.25	1.75	1.00	1.40	1.50	1.35
(15).....	1.35	1.75	2.00	1.50	1.80	1.75	1.60
(16).....	1.90	2.25	2.50	2.00	2.50	1.90	2.10
(17).....	2.80	3.45	3.25	3.00	3.50	3.10	3.30
(18).....	3.60	4.25	4.00	5.00	4.20	4.00	4.10
(19).....	5.25	6.00	5.50	6.00	6.00	6.00	6.10
(20).....	8.00	8.00	7.50	8.00	9.00	9.00	9.00
(21).....	2.50	2.00	2.00	1.00	1.40	3.25	3.50
(22).....	1.25	.40	1.00	5.00	2.00	2.00	1.00
(23).....	25.00	35.00	40.00	20.00	60.00	50.00	100.00
(24).....	20.00	10.00	15.00	20.00	10.00	10.00	50.00
(25).....	3.50	3.50	3.50	5.00	4.00	4.00	3.50

- (6) One 6-in. sewer lateral.
 - North and South alley in Blk. 109, University Heights:
 - (1) 97 cu. yds. excav.;
 - (2) 30 cu. yds. embank.;
 - (3) 9000 sq. ft. preparation of sub-grade;
 - (4) 9000 sq. ft. 6-in. concrete pavement;
 - (5) One 6-in. sewer lateral.
- H. W. Jorgenson, city engineer. *29

CONTRACT AWARDED

HUMBOLDT COUNTY, Calif.—Spaletta & Siri, 411 "B" St., Santa Rosa, at \$15,080.59 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for surfacing approximately 11.8 miles of County Roads in Road District No. 4 and 5; and oil seal 3.26 miles of road from Warren Creek to Mitchell School, District No. 5, Humboldt Co., Calif.

Total bids follow:
Spaletta & Siri, 411 "B" St., Santa Rosa, \$15,080.59.

- Frank Crews, Fairfax, \$19,123.52.
- Gracia Construction Co., Irvington, \$20,004.30.
- E. E. Smith, Eureka, \$20,132.85.
- Helwig Construction Co., Sebastopol, \$20,439.75.
- Fred J. Maurer & Son Inc., Eureka, \$25,952.00. *29

- (14) 44 l.f. 8-in. corr. galv. sheet metal pipe;
 - (15) 60 l.f. 12-inch do.;
 - (16) 1728 l.f. 18-inch do.;
 - (17) 796 l.f. 24-inch do.;
 - (18) 114 l.f. 30-inch do.;
 - (19) 178 l.f. 36-inch do.;
 - (20) 234 l.f. 48-inch do.;
 - (21) 54 l.f. 8-in. perforated CSM pipe underdrain;
 - (22) 12 sq. yds. mortar backfill seal;
 - (23) 1 each, drop inlet;
 - (24) 1 each, reinforced concrete inlet covers;
 - (25) 43 ea. right-of-way monuments.
- Total bids follow:
(A) W. W. Clyde & Co., Springville, \$74,792.30.
(B) Utah Const. Co., Ogden, \$79,204.30.
(C) Dodge Construction, Inc., Fallon \$96,982.50.
(D) Flovd S. Whiting, Kaysville, \$98,768.00.
(E) Ralph A. Bell, Monrovia, \$112,340.50.
(F) Bennett & Taylor, Los Angeles, \$118,087.50.
(G) Ishbell Construction Co., Reno, \$131,801.70.
- Unit prices follow:

31—PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$1,869.75 submitted the low bid to the San Francisco Public Utilities Commission, Room 257, City Hall, under Spec. No. 181, for the laying of 6-in. cast iron main in Wabash Terrace.

- Work involves in:
- (1) 900 l.f. excav. and backfill for 6-in. pipe, trench 17-in. wide by 36-in. deep;
 - (2) 5 c.y. additional excavation and backfill;
 - (3) No item 3;
 - (4) Installing pipe:
 - (a) 900 l.f. 6-in. bolted joint cast iron pipe;
 - (5) 900 lbs. installing fittings, gate valves, etc.;
 - (6) 27 l.f. bell and spigot joints for pipe and fittings:
 - (a) 150 bolted joints for 6-inch cast iron pipe;
 - (7) Repavement:
 - (a) 150 sq. ft. street pavement;
 - (8) 55 ½-in. screw taps installed;
 - (9) 930 l.f. ¾-in. copper service pipe installed;
 - (10) Furnishing cast iron bolted pipe Class 150; 900 l.f. 6-in. pipe at \$0.74 per l.f.;
 - (11) Furnishing bell end gate valves:
 - (b) one 6-in. valve at \$17;

- (12) Furnishing bell and spigot cast iron fittings: 580 lbs. at \$0.05 per lb.;
- (13) Furnishing steel bands and bolts 50 lbs. at \$0.05 per lb.;
- (14) Furnishing 3/4-in. copper service pipe: 980 lf. at \$0.17 per l.f.;
- (15) Lump sum, furnishing 3/4-inch fittings for services at \$80;
- (16) Lump sum, engineering, supervision and inspection at \$63.;
- (17) Lump sum, connections at \$52.

Total bids follow:
 (A) E. J. Tracey, 430 Call Bldg., San Francisco, \$1,869.75.
 (B) S. F. Water Dept., \$1,961.50.
 (C) W. J. Tobin, Oakland, \$2,004.50.
 (D) Fay Improvement Co., San Francisco, \$2,092.75.
 Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$.38	\$.50	\$.40	\$.42
(2).....	1.00	1.00	.50	5.00
(3).....	.....	.....	.....	.....
(4).....	.066	.02	.06	.09
(5).....	.02	.02	.03	.03
(6).....	.35	.30	.30	.45
(6a).....	.36	.20	.30	.34
(7).....	.24	.26	.25	.25
(8).....	1.00	5.00	1.50	1.00
(9).....	.20	.25	.30	.34
(10).....	.74	.74	.74	.74
(11a).....	12.00	12.00	12.00	12.00
(11b).....	17.00	17.00	17.00	17.00
(12).....	.06	.06	.06	.06
(13).....	.05	.05	.05	.05
(14).....	.17	.17	.17	.17
(15).....	80.00	80.00	80.00	80.00
(16).....	63.00	63.00	63.00	63.00
(17).....	52.00	52.00	52.00	52.00

BIDS WANTED

SAN FRANCISCO, Calif. — Until August 3, 3:00 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 133, for laying of 4-inch and 8-inch cast iron mains in Mt. Vernon and Shawnee Avenues, San Francisco.

- Work involves
- (1) 450 lin. ft. excavation and backfill for 4-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep.
 - (2) 20 cu. yds. additional excavation;
 - (3) No item 3.
 - (4) Installing pipe:
 - (a) 220 lin. ft. 4-inch bell and spigot cast iron pipe;
 - (b) 230 lin. ft. 6-inch bell and spigot cast iron pipe.
 - (5) 1,100 lbs. installing of fittings, gate valves, etc.;
 - (6) 60 lin. ft. bell and spigot joints;
 - (7) Repavement: 100 sq. ft. of street pavement;
 - (8) 33 1/2-inch screw taps installed;
 - (9) 490 lin. ft. 3/4-inch copper service pipe installed;
 - (10) Furnishing cast iron bell and spigot pipe, Class 150;
 - (a) 220 lin. ft. 4-inch pipe at \$0.48 per lin. ft.
 - (b) 230 lin. ft. 8-inch pipe at \$1.00 per lin. ft.
 - (11) Furnishing bell end gates valves:
 - (a) 1 four-inch valve at \$12.00 each.
 - (b) 1 three-inch valve at \$12.00 each.
 - (12) Furnishing 1,000 lbs bell and spigot cast iron fittings at \$0.06 per lb.
 - (13) 100 lbs. steel band and bolts at \$0.05 per lb.
 - (14) 490 lin. ft. 3/4-inch copper service pipe at \$0.17 per lin. ft.
 - (15) Lump sum—furnishing 3/4-inch fittings for services at \$60.00.
 - (16) Lump sum—engineering, supervision and inspection at \$168.
 - (17) Connections at \$113.

Plans and specifications may be obtained at the Cashier's Office, 6th Floor, San Francisco Water Department Building, 425 Mason Street, San Francisco, upon the deposit of \$5.00. * 31

SANTA BARBARA CO.—(BRIDGE CONSTR.—(STATE)

SANTA BARBARA CO., Calif.—L. W. Odell and Geo. J. Bock Co., 1120 North Las Palmas Avenue, Los Angeles, at \$91,010.05 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a bridge across Santa Ynez River and about 0.8 mi. roadway to be graded and road-mix surface treatment applied, about one mile east of Lompoc, Santa Barbara Co., Cal.

- Work involves:
- (1) 1 lot clear and grub;
 - (2) 670 M. gals. water;
 - (3) 22,500 c.y. roadway excavation, without classification;
 - (4) 161,000 sta. yds. overhaul;
 - (5) 115 c.y. ditch and channel excavation;
 - (6) 2,250 c.y. struc. excav.;
 - (7) 4,400 c.y. import borrow;
 - (8) 140 c.y. remove concrete;
 - (9) 36.4 sta. finish roadway;
 - (10) 11 tons liq. asph., SC-3 (prime coat);
 - (11) 150 tons liq. asph., SC-3 (road-mix surf. treatment);
 - (12) 10,200 sq. yds. preparing, mixing and shaping road;
 - (13) 11 tons liq. asph., SC-2 (penetration oil treatment);
 - (14) 206,340 lbs. bar reinf. steel;
 - (15) 310 c.y. class A portland cement concrete footing block;
 - (16) 851 c.y. class A portland cement concrete structures;
 - (17) 30 c.y. class A portland cement concrete railing;

- (18) 277,000 lbs. struc. steel;
- (19) 2,500 lbs. misc. steel;
- (20) 6,480 lf. furnish treated Douglas fir piles;
- (21) 162 each, drive treated Douglas fir piles;
- (22) 35 c.y. class A portland cement concrete slope pavement;
- (23) 118 lf. 8-in. CMP;
- (24) 170 lf. 18-in. CMP;
- (25) 80 lf. 36-in. CMP;
- (26) 52 lf. existing pipe culverts removed, cleaned and salvaged;
- (27) 11 each, spillway assemblies;
- (28) 810 lf. laminated guard railing;
- (29) 12 each, culvert markers;
- (30) 10 each, guide posts;
- (31) 1.6 miles new property fence;
- (32) 6 each, drive gates;
- (33) 26 each, monuments;
- (34) 1 lot misc. items of work.

Total bids follow:
 (A) L. W. Odell and Geo. J. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, \$91,010.05.
 (B) Bennett & Taylor, Los Angeles (bid signed wrong) \$95,666.00.
 (C) Byerts & Dunn, Los Angeles, \$98,366.00.
 (D) Macco Const. Co., Clearwater, \$98,704.50.
 (E) R. R. Bishop, Long Beach, \$99,920.98.
 (F) J. E. Haddock, Ltd., Pasadena, \$102,036.10.
 (G) Gibbon & Reed, Burbank, \$107,612.05.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$500.00	\$450.00	\$200.00	\$250.00	\$500.00	\$400.00	\$330.00
(2).....	1.00	1.30	1.00	1.50	2.00	1.60	1.40
(3).....	.25	.25	.25	.25	.35	.30	.32
(4).....	.006	.01	.005	.005	.006	.005	.01
(5).....	.80	1.00	1.00	.50	.80	1.00	.50
(6).....	2.50	4.50	3.00	6.00	4.50	5.30	7.00
(7).....	.75	.35	.70	.50	.70	.65	.88
(8).....	1.25	4.00	1.10	1.00	2.00	2.00	3.00
(9).....	6.00	10.00	5.00	10.00	10.00	10.00	10.00
(10).....	12.50	16.00	12.00	10.00	13.00	22.00	12.00
(11).....	11.00	15.00	11.00	9.00	13.00	9.00	10.00
(12).....	.08	.06	.06	.08	.08	.10	.07
(13).....	12.00	16.00	11.00	10.00	13.00	21.00	11.50
(14).....	.0475	.05	.05	.045	.047	.045	.05
(15).....	12.00	19.00	15.00	14.00	16.00	15.50	17.50
(16).....	15.00	20.00	25.00	22.00	20.00	25.50	23.25
(17).....	50.00	40.00	60.00	60.00	60.00	60.00	60.00
(18).....	.08	.0825	.08	.078	.085	.08	.085
(19).....	.25	.30	.20	.25	.30	.22	.26
(20).....	.75	.85	.70	.95	.70	.75	.78
(21).....	45.00	22.50	15.00	18.00	20.00	14.50	22.50
(22).....	13.50	16.00	18.00	18.00	16.00	17.00	16.00
(23).....	1.00	1.00	1.00	1.00	1.00	1.10	1.30
(24).....	2.00	2.00	2.00	2.00	2.00	2.00	2.20
(25).....	5.00	5.00	5.00	5.00	5.00	5.60	5.50
(26).....	.75	1.00	1.00	1.00	1.00	1.00	1.00
(27).....	15.00	13.50	14.00	18.00	15.00	16.00	17.50
(28).....	1.25	1.50	1.10	1.00	1.00	1.00	1.00
(29).....	2.00	2.50	2.00	3.00	2.50	3.00	2.50
(30).....	2.00	3.00	2.00	3.00	2.50	2.75	2.50
(31).....	650.00	300.00	500.00	600.00	500.00	500.00	500.00
(32).....	20.00	15.00	18.00	20.00	20.00	20.00	20.00
(33).....	3.00	8.00	2.50	3.00	3.00	3.00	3.00
(34).....	2000.00	500.00	700.00	1000.00	3200.00	3500.00	750.00

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until August 5, 2:00 P.M., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-39-2, for drilling well for Radio transmitter building at the Sacramento Air Depot, California.

Plans and specifications may be obtained from the above office. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN FRANCISCO—Until Aug. 3, 2:30 P. M., bids will be received by the San Francisco Department of

Public Works, Room 251, City Hall, for improving Silver Avenue from Scotia Avenue to a point 545 feet easterly by constructing a sewer. Estimated cost, \$7,500.

- Work involves:
- (1) 995 lf. unarmored conc. curb;
 - (2) 117 lf. 12-in. VCP sewer;
 - (3) 34 lf. 8-in. VCP sewer;
 - (4) 1 brick catchbasin, complete;
 - (5) 23 lf. 10-in. VCP culvert;
 - (6) 140 lf. 6-in. VCP side sewers;
 - (7) 23,800 sq. ft. asph.-conc. pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surf.;
 - (8) 3,600 sq. ft. 2-course concrete sidewalk;
 - (9) 8 water services;

(10) one 12x6-in. VCP T branch in place.

Plans and specifications may be obtained from John J. Casey, City Hall, upon deposit of \$10.00. 32

BIDS WANTED

SAN FRANCISCO.—Until Aug. 3, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for construction of sewers in Athens Street between Peru Avenue and Madison St. Est. cost, \$2,950.

Work involves:

- (1) 702 lf. 8-inch VCP sewer;
 - (2) 52 8-x6-in. VCP Y branches;
 - (3) 4 brick manholes;
 - (4) 150 lf. 6-in. VCP side sewers.
- Plans and specifications may be obtained from John J. Casey, City Hall, upon deposit of \$10.00. 32

BONDS VOTED

SANTA PAULA. Ventura Co., Cal.—The \$125,000 bond issue to finance the new sewer system and a sewage treatment plant carried at the election July 12, by a vote of 544 to 67. The proposed work was made necessary by the destruction in the March flood of the 15-year old Imhoff tank and the plant site. Cost of the new project is estimated at \$182,520. The state has already allocated \$25,000 emergency flood funds to this work while the PWA has been asked for a 45% grant, or \$70,884 of federal funds. The balance or \$86,636, will be furnished from the proceeds of the bond issue. Harry Jenks, Berkeley, is the consulting engineer, and City Engineer S. Gerald Bennett, engineer in charge of construction of sewer lines. Mayor B. C. Hendricks has announced that bids will be advertised so that work may start Sept. 1. According to a segregated estimate the plant will cost about \$63,820, and the sewer lines \$90,150. The latter include about 6000 ft. of concrete pipe varying up to 24-in. in diam.

Application has been made to the State Board of Health for a permit to establish the plan on the lower ten acres of a 28-acre tract of land lying between Telegraph Road and Santa Clara River, the plant to be located approx. 1000 ft. southwest of Acacia Road, the effluent to be disposed of into the Santa Clara River.

The plant is described as consisting of primary and secondary detention-setting tanks; primary and secondary bio-filters; an enclosed sludge digestion tank; sludge drying bed; and chlorination for odor control and disinfection. 32

BIDS WANTED

SEATTLE, Wash.—Until August 11, 10:00 A. M., bids will be received by the Seattle Board of Public Wks., for construction of Unit 10 of Henderson St., trunk sewer project, a sewage treatment plant. Plans call for underground structures and tanks, 60-inch monolithic reinforced concrete pipe, pumping unit and chlorine treatment effluent tank.

Plans and specifications may be obtained from C. L. Wartelle, City Engineer, County-City Building, Seattle, upon the deposit of \$25.00. 32

BIDS WANTED

PETALUMA, Sonoma County, Cal.—Until August 1, 7:30 P. M., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, Petaluma, for construction of Unit "D," Mountain View Avenue storm drain line, Municipal Sewage Disposal Project, Petaluma, Sonoma Co. 32

Work involves approximately 2,025 twin 30-inch reinforced concrete line or a single 48-inch corrugated culvert line, complete with inlet structures, catchbasins, curbs and gutters. Work to be completed by September 15, 1938.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00. Harry N. Jenks, 2701 Benvenue Avenue, Berkeley, Consulting Engineer.

33— WATER WORKS

COMPLETE BIDS

ELDRIDGE, Sonoma Co., Calif.—Farish Bros., 450 40th Street, Oakland, at \$45,920.00 submitted the low bid to the State Division of Architecture, George B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento, for the erection and completion of water development system, Sutfenfield Dam, at the Sonoma State Home, Eldridge.

The water development system consists of a rolled earth filled dam to be known as Sutfenfield Dam, together with a concrete outlet tower, steel footbridge, concrete spillway, concrete and cast iron piping, pumps and other misc. items as follows:

- (1) 7700 c.y. excav., for dam, dike and spillway;
- (2) 4500 c.y. excav., for dam cutoff trench;
- (3) 1200 c.y. hand excav. for trenches and structures;
- (4) 74,000 c.y. earthfill in embankments material from borrow pits;
- (5) 4100 c.y. earthfill in dam cutoff trench;
- (6) 2800 c.y. earthfill in embankments, material from required excavation;
- (7) 350 c.y. backfill in trenches and around struc.;
- (8) 5500 c.y. gravel and or rock blankets on dam and dike;
- (9) Reinforced concrete spillway;
- (10) 2600 sq. ft. gunite lining or concrete paving in spillway waste channel;

- (11) Reinforced concrete outlet tower complete;
- (12) Reinforced conc. encasement and collars for 12-in. outlet pipe;
- (13) 12-in. reinf. conc. outlet pipe and valve box;
- (14) 10-in. do outlet box;
- (15) 10-in. cast iron water supply pipe line and two pumps comp.;
- (16) bridge from dam to tower com.;
- (17) plain unreinf. concrete in place, per c.y.;
- (18) reinf. conc. in place, per c.y.

Total bids follow:

- (A) Farish Bros., 450 40th St., Oakland, \$45,920.00.
- (B) M. J. Ruddy, Modesto, \$49,922.60.
- (C) B. A. Howkins & Co., San Francisco, \$57,150.80.
- (D) R. G. Clifford, San Francisco, \$70,682.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$.30	\$.40	\$.36	\$.40
(2)	.....	.....	.....	.....
(3)	1.50	1.75	1.70	1.20
(4)	.....	.....	.....	.....
(5)	.....	.....	.....	.....
(6)	.....	.....	.....	.....
(7)	.....	.....	.....	.....
(8)	.....	.....	.....	.....
(9)	1800.00	1750.00	1900.00	2400.00
(10)	.....	.....	.....	.....
(11)	1420.00	2000.00	2448.00	4000.00
(12)	1000.00	500.00	1600.00	1500.00
(13)	840.00	750.00	1400.00	1500.00
(14)	300.00	350.00	500.00	600.00
(15)	9200.00	11500.00	13000.00	15600.00
(16)	1500.00	2000.00	1768.00	2000.00
(17)	18.00	12.50	24.00	16.00
(18)	32.00	15.00	35.00	19.00

BIDS WANTED

HANFORD, Kings Co., Calif.—Until Aug. 15, bids will be received by Peoples Ditch Co., Hanford, for construction of new head gate to replace damaged structure in Kings River, 2 miles south of Kingsburg. F

- (1) 550 cu. yds. concrete;
- (2) 95 tons steel sheet piling;
- (3) 8 cast iron gates;
- (4) Other misc. equipment.

Est. cost \$30,000. 33

HUMBOLDT COUNTY—SURFACING—(COUNTY)

HUMBOLDT COUNTY CALIF. — Spaletta & Siri, 411 "B" St., Santa Rosa, at \$16,080.59 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for surfacing approximately 11.8 miles of County Roads in Road District No. 4 and 5; and oil seal 3.26 miles of road from Warren Creek to Mitchell School, District No. 5, Humboldt Co., Calif.

Work involves:

- (1) 3,240 cu. yds. aggregate.
 - (2) 21 tons prime coat;
 - (3) 18 tons binder;
- ROAD NO. 510
- (4) 1,680 cu. yds. aggregate;
 - (5) 102 tons binder;
- ROAD NO. 502
- (6) 700 cu. yds. aggregate;
 - (7) 17 tons prime coat;
 - (8) 40 tons binder;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	1.315	1.78	1.65	1.75	1.90	2.40
(2)	16.68	15.65	17.00	11.50	15.00	22.00
(3)	16.80	15.90	18.40	18.30	17.50	22.00
(4)	.....	.....	.....	.....	.....	.....
(5)	16.325	16.91	17.90	17.80	17.50	20.00
(6)	1.126	1.53	1.55	1.65	1.45	2.00
(7)	16.20	15.85	17.00	11.50	15.00	20.00
(8)	16.33	16.91	17.50	18.00	17.50	20.00
(9)	.....	.....	.....	.....	.....	.....
(10)	16.55	16.65	17.00	15.50	15.00	20.00
(11)	16.68	16.91	18.00	18.10	17.50	20.00
(12)	.....	.....	.....	.....	.....	.....
(13)	16.33	16.91	17.40	17.80	17.50	20.00
(14)	1.015	1.26	1.40	1.50	1.45	2.00
(15)	16.33	16.91	17.40	19.00	17.50	20.00
(16)	15.98	16.65	18.75	19.50	20.00	22.00

ROAD NO. 549

- (9) 350 cu. yds. aggregate;
- (10) 8 tons prime coat;
- (11) 20 tons binder;

ROAD NO. 592

- (12) 525 cu. yds. aggregate;
- (13) 30 tons binder;

ROADS NO. 574 586-C 586-G 586-H

- (14) 720 cu. yds. aggregate;
- (15) 40 tons binder;

ROAD NO. 564

- (16) 36 tons SC-2.

Total bids follow:

- (A) Spaletta & Siri, 411 "B" St., Santa Rosa, \$16,080.59.
- (B) Frank Crews, Fairfax, \$19,123.52.
- (C) Garcia Construction Co., Irvington, \$20,004.30.
- (D) E. E. Smith, Eureka, \$20,132.85.
- (E) Helwig Construction Co., Sebastopol, \$20,439.75.
- (F) Fred J. Maurer & Son Inc., Eureka, \$25,952.00.

Unit prices follow:

LOS ANGELES CO.—BRIDGE & SURFACING—(STATE)

LOS ANGELES CO., Calif.—The Contracting Engineers Co., 2310 1/2 W. Vernon Ave., Los Angeles, at \$57,486 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of 3 40-ft. reinf. concrete slab spans on concrete piers and abutments as an extension to an existing bridge over Arroyo Seco Parkway at Ave. 60, and surfacing with asphalt concrete the northerly approach and roadway on the extension in Los Angeles Co.

Work involves:

- (1) 800 c.y. remove concrete;
- (2) 10,000 c.y. rdwy. excav.;
- (3) 1,500 c.y. struc. excav.;
- (4) 1,200 sq. yds. preparing sub-grade;
- (5) 400 tons asph. conc.;
- (6) 327,000 lbs. bar reinf. steel;
- (7) 1,700 c.y. Class A Portland cement conc. struc.;
- (8) 37 c.y. Class A Portland cement conc. railing;
- (9) 40 c.y. Class C Portland cement conc. backfill;
- (10) 400 lbs. misc. iron and steel;
- (11) 204 lf. 27-in. reinf. conc. pipe, centrifugal type;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 3.00	\$ 6.50	\$ 6.25	6.50	8.50	7.50	5.00	7.65
(2)	.30	.25	.22	.30	.28	.40	.50	.33
(3)	1.00	1.00	1.00	.75	1.20	.80	1.00	1.50
(4)	.10	.30	.12	.15	.12	1.10	.15	.20
(5)	3.60	5.00	3.60	5.00	3.00	4.00	3.50	2.75
(6)	.047	.04	.043	.0475	.045	.0425	.0475	.044
(7)	14.80	15.00	17.00	13.35	17.00	16.50	17.00	18.50
(8)	42.00	50.00	40.00	60.00	45.00	70.00	50.00	60.00
(9)	7.50	10.00	16.50	10.00	10.00	7.00	10.00	7.50
(10)	30.00	20.00	17.00	16.00	17.00	25.00	40.00	20.00
(11)	4.00	3.00	3.75	4.00	3.50	4.15	4.00	3.75
(12)	3.00	2.50	2.60	3.00	3.00	2.60	3.00	2.70
(13)	4.00	3.00	3.00	4.00	3.50	2.90	4.00	3.00
(14)	.70	1.00	.60	1.00	1.00	1.50	1.00	.75
(15)	20.00	12.00	14.50	20.00	14.00	12.00	11.00	13.50
(16)	1.20	1.50	.85	1.00	1.00	1.00	1.00	1.00
(17)	1.20	2.00	1.25	2.00	2.00	1.10	1.30	.50
(18)	1600.00	800.00	950.00	1000.00	800.00	1000.00	1000.00	900.00
(19)	150.00	250.00	450.00	100.00	200.00	200.00	250.00	240.00
(20)	900.00	1950.00	1600.00	600.00	799.00	2500.00	1500.00	500.00

Unit prices follow:

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until Aug. 8, 11 A. M., bids will be received by the Coachella Valley County Water District, Coachella, Calif., for constructing approximately 30 miles of storm water channels in Riverside County about 20 miles southeast from Indio. Two areas are involved. One extends from the south line of Riverside County to a line 4 miles north of said county line, and from U. S. Highway No. 99 to the Salton Sea. The other area extends from Bendel's Corner to a line 2 miles south of said corner and from Highway 99 to the Coachella Valley storm water channel. The work will involve approximately 676,900 cu. yds. levee embankment and 27,220 lin. ft of fence revetment work. Plans and specifications were prepared by E. R. Romberg, engineer, Coachella Valley County Water District, Coachella. Bidding documents and specifications will be available to qualified bidders at the district office. A copy of the spec. etc., may be seen at the office of the attorney, Irvin B. Shaw, Jr., 835 Rowan Bldg., L. A. T. Van Ornum, secretary. A certified check or bidder's bond must accompany each proposal. Bids will be taken upon the following items:

- (1) 676,900 cu. yds. levee construction;
- (2) 17,710 lin. ft. single fence channel protection;
- (3) 2,940 lin. ft. double fence channel;
- (4) 6,570 lin. ft. rock and brush fill back of existing fences;
- (5) (a) Reconstructing approx. 5 ml. of property line fences;
- (b) Moving approx. 45 power line poles;
- (c) Moving and reconstructing approx. 1300 lin. ft. concrete irrigation pipe line;
- (d) Moving a light of the R/W a distance of approx. 100 ft.

Note: Single fence consists of 3-in. pipe, No. 10 ga. galv. wire, boulders and 58-in. wire fencing. Double fence consists of 3-inch pipe, boulders and brush, and 58-inch wire fencing. Boulders are to be one-man size.

ELKO CO., NEVADA—PLACING BASE COURSE—(Govt)

ELKO COUNTY, Nev.—Utah Construction Co., Ogden, Utah, at \$49,543.50 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 10,132 miles placing base course on Sections A, B and C of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev.

Work involves:

- (1) 275 c.y. unclass. excav. for struc.
- (2) 10,132 miles fine grading sub-grade and shoulders;
- (3) 3,000 M. gals. watering;
- (4) lump sum water plant or plants for project;
- (5) 21,000 tons selected borrow base course;
- (6) 21,000 tons, Type 2, crushed gravel base course, Grading A;
- (7) 21,000 tons do, Grading B;
- (8) 8,000 tons do, Grading B in stock-pile;

- (9) 108 lf. corr. galv. sheet metal pipe;
 - (10) 1 each corr. galv. sheet metal elbow;
 - (11) 646 lf. perforated CSM pipe under-drain;
 - (12) 150 sq. yds. mortar backfill seal.
- Total bids follow:
- (A) Utah Const. Co., Ogden, \$40,543.50;
 - (B) Bernard H. Miles, Oakland, \$48,436.20;
 - (C) Fred S. Whiting, Kaysville, Utah \$49,590.80;
 - (D) Dodge Const., Inc., Fallon, \$59,867.40;
 - (E) W. W. Clyae & Co., Springville, \$66,819.20;
 - (F) Pacific States Const. Co., San Francisco, \$69,589.80;
 - (G) Ralph A. Bell, Monrovia, \$75,921.40;
 - (H) Isbell Const. Co., Reno, \$78,763.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 2.00	\$ 2.50	\$ 5.00	2.00	5.00	4.00	2.00	4.00
(2)	125.00	100.00	400.00	200.00	209.00	400.00	650.00	200.00
(3)	1.25	1.00	1.50	1.00	2.00	1.25	2.50	.75
(4)	200.00	250.00	300.00	1500.00	100.00	500.00	350.00	2250.00
(5)	.30	.48	.50	.50	.70	.55	.50	.75
(6)	.50	.55	.50	.80	.75	.80	.90	1.00
(7)	.52	.63	.60	.75	.75	.95	.95	1.00
(8)	.45	.50	.60	.75	.75	1.00	.90	1.00
(9)	1.25	1.50	1.00	1.75	3.70	1.25	1.40	1.50
(10)	10.00	10.00	6.00	10.00	3.00	10.00	10.00	14.00
(11)	2.00	2.25	1.50	2.00	3.70	2.00	1.40	1.00
(12)	.40	2.00	2.00	1.00	1.50	1.00	2.00	.....

34—PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

SAN FRANCISCO—Malott & Peterson, 2412 Harrison St., at \$1,327.00 awarded contract by the Board of Park Commissioners, B. F. Lamb, Secretary, Park Lodge, Golden Gate Park, San Francisco, for wearcoat resurfacing of seven tennis courts at the Palace of Fine Arts. * 34

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith 15 Ocean Ave., at \$5,451 awarded contract by the Board of Park Commissioners, B. F. Lamb, Secretary, Park Lodge, Golden Gate Park, San Francisco, for regrading and resurfacing 11 tennis courts at Palace of Fine Arts. * 34

CONTRACT AWARDED

SANTA BARBARA, Calif.—Peterson Bros., Inglewood, at \$1,673 was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscaping at the U.S.P.O. at Santa Barbara. * 34

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

SIGN, electric, \$200; 1241 Taraval St.; owner, F. Borgioni, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.

ALTER flats, \$250; 2321-23 Bush St.; owner, John Luken, premises.

ALTER dwelling, \$465; 2824 Folsom; owner, Herman Kobanek, prem.; contractor, United Roofing and Siding Co., 1906 Mission St.

ALTER dwelling, \$80; 85 Waterville; owner, Ed. Nollevauss, premises.

ALTER flats, \$150; 742 Green St.; owner, Mrs. Adams, premises.

SIGN, electric, \$100; 314 3rd Street; owner, Sparta Hotel, premises; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER garage and apts., \$450; 991 Innes Ave.; owner, Paul & Helen Runge, premises.

ALTER culb, \$350; 416 Broadway; owner, Paul Le Pore, 3223 Webster St.; contractor, F. Kern and Sons, 517 6th St.

SIGN, electric, \$200; 1665 Van Ness Ave.; owner, Howard Auto Co., premises; contractor, Western Neon Light Co., 75 Fremont St.

ALTER hide house, \$500; 1520 Evans Ave.; owner, H. Moffat Co., 1520 Evans Ave.

ALTER office, \$900; 301 West Portal Ave.; owner, Coldwell, Cornwall & Banker, 57 Sutter St.; contractor, Mullen Mfg. Co., 60 Rausch.

SIGN, electric, \$125; 722 Geary St.; owner, Marguerite Stuart, prem.; contractor, J. K. Herzog Electric Co., 370 Van Ness Ave. South.

SIGN, electric, \$98; 248 West Portal Ave.; owner, Martha Washington Candies, 725 Larkin St.; contractor, Atlas Elec. & Engr. Co., 958 Folsom St.

SIGN, electric, \$30; 945 Market St.; owner and builder, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$350; 713 Rhode Island; owner, Frank Frisach, premises; contractor, J. Scarabosio, 740 Wisconsin.

ALTER garage, \$90; 1463 Pacific; owner, Mrs. Tayes, premises.

ALTER flats, \$200; 1558 Fell Street; owner, A. W. Frazier, premises.

FLUES, \$40; 1500 Stockton Street; owner, L'Italia Newspaper, prem.; contractor, A. Stroppiano, 478 Union St.

ALTER store, \$175; 118 Embarcadero, premises.

SIGN, electric, \$200; 1665 Van Ness; owner, Howard Auto Co., prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER store, \$950; 2258 Chestnut; owner, Fluorette Millinery, prem.; contractor, The Unit-Bilt Fixture Co., 289 8th St.

ALTER dwelling, \$75; 818 Douglas; owner, Floyd Gridley, premises.

KINGS COUNTY—GRADING AND PAVING—(STATE)

KINGS COUNTY, Calif.—Unlon Paving Co., 212 Babcock Building, San Francisco, at \$97,681.05 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles grading and paving with asphalt concrete between Armona and Hanford, Kings County, Calif.

- Work involves:
- (1) clear and grub;
 - (2) 1800 M. gals. water;
 - (3) 7,000 c.y. roadway excavation, without classification;
 - (4) 600 c.y. struc. excav.;
 - (5) 12,000 sta. yds. overhaul;
 - (6) 49,700 c.y. import borrow;
 - (7) 3,300 c.y. import surf. matl.;
 - (8) 240 c.y. existing concrete removed and disposed of;
 - (9) 27,600 sq. yds. preparing sub-grade;
 - (10) 161 sta. finish roadway;
 - (11) 400 tons min. agg. plant-mix surf.;
 - (12) 40 tons liq. asph., SC-4 (plant-mix surf.);
 - (13) 265 tons liq. asph., SC-4 (road-mix surf. treat.);
 - (14) 32,500 sq. yds. preparing, mixing and shaping shoulders and road approaches;
 - (15) 34,500 sq. yds. asph. paint binder;

- (16) 13,965 tons asph. conc.;
- (17) 1,010 c.y. portland cement conc. base;
- (18) 6,500 lbs. bar reinf. steel;
- (19) 4,000 lbs. struc. steel;
- (20) 75 c.y. class A portland cement concrete structures;
- (21) 378 lf. 12-in. standard reinf. conc. pipe;
- (22) 138 lf. 18-in. stand. reinf. conc. pipe;
- (23) 156 lf. 24-in. stand. reinf. conc. pipe;
- (24) 82 lf. 8-in. CMP;
- (25) 8 each, spillway assemblies;
- (26) 20 c.y. class A portland cement concrete curbs, gutters and sidewalks;
- (27) 120 lf. timber railing;
- (28) 20 each, culvert markers;
- (29) 17 miles property fence wood and reset;
- (30) 9,600 sq. yds. planing existing pavement;
- (31) 40 each, monuments, complete, in place.

Total Bids follow:

(A) Unlon Paving Co., 212 Babcock Bldg., S. F., \$97,681.05.

(B) Piazza and Huntley, San Jose, \$98,585.20.

(C) N. M. Ball Sons, Berkeley.

(D) Griffith Co., L. A., \$106,707.10.

(E) Warren Southwest Inc., L. A., \$117,219.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
3000.00	2000.00	1500.00	900.00		
.....	.80	.90	1.00	1.00	.70
(2) .....	.20	.20	.40	.34	.35
(4)	1.00	.75	1.20	1.30	.90
(5) .....	.01	.01	.01	.01	.01
(6) .....	.38	.38	.38	.40	.53
(7) .....	.50	.40	.45	.50	.60
(8)	2.50	2.50	3.00	3.30	3.00
(9) .....	.09	.07	.08	.07	.09
(10)	6.00	5.00	5.00	4.00	6.00
(11)	2.50	2.25	3.00	3.00	2.50
(12)	9.00	8.00	10.00	9.80	9.50
(13)	12.00	9.25	10.00	10.30	11.00
(14) .....	.07	.07	.05	.06	.062
(15) .....	.01	.01	.015	.015	.02
(16)	3.25	3.25	3.40	3.50	4.00
(17)	9.00	10.50	7.00	8.25	10.00
(18) .....	.05	.05	.055	.06	.06
(19) .....	.12	.07	.10	.087	.07
(20)	20.00	21.00	23.00	27.00	23.50
(21)	1.30	1.00	1.20	1.20	1.35
(22)	2.00	1.60	2.00	1.90	2.15
(23)	3.00	2.50	2.50	2.60	3.00
(24)	1.20	1.00	1.00	1.10	1.15
(25)	20.00	13.00	15.00	17.00	19.00
(26)	15.00	18.00	17.00	17.00	13.00
(27)	3.50	2.00	2.00	2.50	1.40
(28)	3.00	3.00	2.50	2.50	2.35
(29)	300.00	350.00	500.00	400.00	300.00
(30) .....	.15	.15	.10	.15	.15
(31)	3.00	3.00	3.00	3.00	3.00

ORANGE COUNTY — BRIDGE CONSTRUCTION — (STATE)

ORANGE COUNTY, Calif.—Byerts & Dunn, 1131 N Orange Grove Ave., Los Angeles, at \$45,723, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete girder bridge across Santiago Creek, ¼ mile south of Orange, consisting of one 91-ft. 0-in. span and two 49-ft. 0-in. spans on conc. piers and abutments, Orange County.

- Work involves:
- (1) lot existing truss spans removed and disposed of.
 - (2) 450 c.y. remove existing conc.;
 - (3) 2,200 c.y. struc. excav.;
 - (4) 321,000 lbs. bar reinf. steel;
 - (5) 1,670 c.y. of Class A Portland cement concrete struc.;
 - (6) 20 c.y. Class A Portland cement concrete railing.
 - (7) 400 lbs. misc. iron and steel;
 - (8) 10 c.y. rubble masonry;
 - (9) 1 lot misc. items of work.
- Total bids follow:
- (A) Byerts & Dunn, 1131 N Orange Grove Ave., Los Angeles, \$45,723.
- (B) Contracting Engineers Co., Los Angeles, \$46,594.80.
- (C) Macco Const. Co., Clearwater, \$50,077.00.
- (D) J. E. Haddock, Ltd., Pasadena, \$51,236.50.

- (E) John Strona, Chino, \$51,868.00.
- (F) L. W. Owell and Geo. J. Bock, Los Angeles, \$53,285.00.
- (G) Gibbons & Reeg Co., Burbank, \$53,951.50.
- (H) R. R. Bishop, Long Beach, \$54,622.00.
- (I) Oscar Oberg, Los Angeles, \$58,957.50.
- (J) Claude Fisher Co., Ltd., Los Angeles, \$60,337.00.
- (K) Duff & Vanden Hoogen Company, Long Beach, \$61,626.00.
- (L) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$67,130.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
\$ 950.00	\$ 500.00	\$ 1000.00	\$ 950.00	\$ 2000.00	\$ 2000.00	\$ 1100.00	\$ 1000.00	\$ 2700.00	\$ 1000.00	\$ 676.00	\$ 1200.00	
.....	5.00	2.45	3.00	2.75	5.00	5.00	2.65	4.00	5.00	4.00	2.85	4.00
(3)	1.00	.46	.90	.80	1.00	1.00	.98	1.00	1.00	1.10	3.00	3.00
(4) .....	.045	.0453	.042	.044	.04	.045	.049	.042	.045	.045	.048	.05
(5)	14.00	16.50	18.50	18.50	17.40	18.00	19.00	20.00	21.25	23.00	21.50	23.00
(6)	50.00	55.00	60.00	50.00	60.00	50.00	55.00	50.00	58.00	60.00	55.00	70.00
(7) .....	.20	.31	.30	.30	.35	.40	.26	.40	.35	.28	.135	.30
(8)	10.00	6.00	15.00	15.00	8.00	10.00	14.00	8.00	7.50	20.00	28.50	20.00
(9)	788.00	600.00	500.00	1000.00	2100.00	1070.00	700.00	1500.00	500.00	750.00	315.50	1350.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

WAR DEPARTMENT

SAN FRANCISCO, Until July 27, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, Colorado, under Bid No. 20,754-T, for furnishing 74,100 insulators, complete; fob shipping point and/or Cheyenne, Wyo. *

FORT MASON, Calif.—Until July 27, 10:00 A.M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-16, for furnishing paper bags, wrapping paper, and tape; fob Dock No. 2, Fort Mason. *

SAN FRANCISCO—Until June 16, 3 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing equipment, as follows:

BID No. 868-39-22: 1 Station Wagon: for shipping point. Trade-in allowance on Ford station wagon which may be seen at 825 Sansome St., S. F. Sale No. 13; BID No. 868-39-23: 2 pick-up $\frac{1}{2}$ -ton trucks; fob shipping point. *

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, for furnishing supplies and equipment, as follows:

July 26, 3:00 P. M.

BID No. 1105-39-8—1 outboard motor, not less than 45 brake horse power at 4,000 RPM, fully equipped and ready for service; fob Rio Vista. Trade in allowance under Order No. 9673, for one Johnson Sea Horse outboard motor, which may be seen at the U. S. Engineer Office, Rio Vista. *

July 27, 3:00 P. M.

BID No. 1105-39-10—30 Fire extinguishers; fob Sacramento, *

LOS ANGELES, Calif.—Until July 25, 3 P. M., bids will be received by U. S. Engineer, L. A., for 8,113,000 lbs. reinf. steel bars, fob contractor's plant and/or deliv. to site of work as follows:

- (1a) to (8a) 800 lbs. deliv. to Comp-ton; Sampson Tire & Rubber Co. siding on P. E.;
- (1b) to (8b) 1,401,000 lbs. deliv. to Vernon; 28th St. ext. of Vernon lead on U. P.;
- (1c) to (8c) 2,600,000 lbs. deliv. to West Glendale; Watson Spur No. 1 on S. P.;
- (1d) to (8d) 2,900,000 lbs. deliv. to West Glendale; Watson Spur No. 2 on S. P.;
- (1e) to (8e) 1,204,000 lbs. deliv. to Burbank; Moreland Truck Co. spur on S. P.

LOS ANGELES, Calif.—Until July 25, 3 P. M., bids will be received by U. S. Engineer, L. A., for 40,000 sq. ft. $\frac{1}{2}$ -in. and 14,000 sq. ft. of 1-in. pre-molded asphaltic expansion joint material; Invt. 33. *

SAN FRANCISCO—Bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San

Francisco, for furnishing supplies and equipment, as follows:

July 27, 3:00 P. M.

BID No. 868-39-28—Roofing asphalt and additional lap cement; fob Pier No. 3, Army Transport Docks, Fort Mason. *

BID No. 868-39-30—Propane gas and regular unit; fob Pier No. 3, Army Transport Docks, Fort Mason. *

SAN FRANCISCO—Until July 28, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-33, for furnishing stove pipe and galv. sheet metal work; fob Pier No. 3, Army Transport Docks, Fort Mason, S. F. *

LOS ANGELES, Calif.—Until July 26, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, for rental of four self-powered road patrols for use in Los Angeles County drainage area for two months each. Invt. 40. Bid bond, 10% must accompany bid. *

LOS ANGELES, Calif.—Until July 26, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, for rental of four 8-ton tandem power rollers for use in Los Angeles County drainage area for 400 hours each. Invt. 41. Bid bond 10% must accompany bid. *

LOS ANGELES, Calif.—Until July 27, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, for rental of Caterpillar RD-8 tractor and 12-yard Le Tournue carryall, cable controlled, or equal, with operators, for use in Los Angeles County drainage area for 600 hours. Invt. 42. Bid bond, 10% must accompany bid. *

CANAL ZONE

THE PANAMA CANAL—Until August 2, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Bid No. 3370, for furnishing supplies and materials, including:

Rock crushing plant, wire cloth, poultry netting, bolts, screws, nuts, staples, copper tacks, shackles, hinges, latches, sash fasteners, door closers, door pulls, awning pulleys, desk locks, rim locks, wire-rope clips, expansion anchors, ash oars, bell chain, running lights, life preservers, paint pots, sprinkling cans, water coolers, meat grinders, packing case strapping, steel-wire brushes, burlap, tennis nets, utensil and instrument sterilizers; fob Cristobal and/or Balboa. *

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco, Calif. *

SAN FRANCISCO CITY

SAN FRANCISCO, Calif.—Until August 1, 3:00 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2063, for furnishing solid manganese track special work for Municipal Railway. *

Plans and specifications at the above office.

LOS ANGELES, Calif.—Until July 26, 2 P. M., bids will be received by the Los Angeles Water and Power Purchasing Agent for four new 60-h.p. track-laying tractors, each equipped with bulldozer and spare angle-ozzer, blades and other equipment, each unit complete. Spec. 2705. *

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until July 28, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for the purchase of equipment, as follows:

BID No. 5948—Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island.

BID No. 5949—Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island.

BID No. 5950—Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Redding, Calif.

BID No. 5951—Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Glendale, Calif.

BID No. 5952—Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Glendale, Calif.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

July 26, 2:00 P. M.

BID No. 5963—Telephone wire, No. 14; fob Arcadia, Calif.

July 28, 2:00 P. M.

BID No. 5959—Flashlight battery cells; fob Government Island. BID No. 5962—Saddle bags; fob Government Island. *

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

July 25, 2:00 P. M.

BID No. 5956—Telephone switchboard parts; fob Government Island.

BID No. 5965—100 box pocket compasses; fob Missoula, Mont.

BID No. 5967—Hoisting rope; fob Piedra and Red Bluff, Calif.

July 26, 2:00 P. M.

BID No. 5960—213 bbls. Portland cement for Dinkey Creek Bridge; fob Piedra. *

July 27, 2:00 P. M.

BID No. 5966—Fire extinguishers; fob Government Island.

July 28, 2:00 P. M.

BID No. 5953—Governors; fob Government Island. *

BID No. 5957—129-ft. 6-inch thru truss, including all structural steel, bolts for field connections bolts for superstructure and all misc. steel portions necessary for erection of the truss; for Dinkey Creek Bridge; fob Piedra.

BID No. 5961—Structural Douglas Fir lumber for Dinkey Creek Bridge; fob Piedra, Calif.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

Sch. 3949—Locks and latches for eastern and western yards, July 29.

Sch. 3994—3,200 feet electric parkway cable for Seattle, July 26.

Sch. 3946 Electric motor driven wood-working moulder for eastern or western yards, July 29.

Sch. 3960—2 motor driven wood band saws for Mare Island, August 2.

Sch. 3963—Admiralty metal condenser tubes for Mare Island and Puget Sound, August 2.

Sch. 4004—255 cases, navigator's with compass and divider for Mare Island, August 5.

Sch. 3965—15,000 lbs. resin, phenol-formaldehyde for Norfolk; 4,000 lbs. do for Mare Island, Aug. 2.

Sch. 3966—Nails, brads, tacks and spikes for eastern and western yards, Aug. 2.

Sch. 3985—2 Industrial-type gasoline engine-driven tractors; for San Diego, Aug. 2.

Sch. 3988—1 electric hoist, variable speed for San Diego, Aug. 2.

Sch. 3983—Burr's, rivets and washers for eastern and western yards, Aug. 2.

Sch. 3998—Two 1,200-lb. platform weighing scales for Mare Island; eight 240-lb. platform counter scales for Philadelphia; 27 do for Sewall's Point; 30 do for Puget Sound, Aug. 5.

Sch. 3080—Motor-driven bench lathe for San Pedro, Aug. 2.

Sch. 3999—3,580 steel boiler tubes for Mare Island and Puget Sound, Aug. 5.

Sch. 4018—1,000 lbs. cobalt acetate for Norfolk, July 29.

Sch. 4014—20,000 lbs. manganese Ino-ate for Norfolk; 15,000 lbs. do for Mare Island, Aug. 5.

Sch. 4013—65 tons petroleum residuum for Norfolk; 200 tons do for Mare Island, Aug. 5.

Sch. 4012—5 pneumatic close quarter drills for Brooklyn; 26 pneumatic grinders for Brooklyn, Philadelphia and Sewall's Point; 12 pneumatic vertical grinders for Brooklyn; 6 pneumatic chipping hammers for Brooklyn; 5 do for Mare Island; 35 pneumatic scaling hammers for Brooklyn, Philadelphia and Sewall's Point, August 5.

Sch. 4011—1,480 gals. technical benzol for Mare Island and Puget Sound, August 5.

Sch. 4007—Pipe Iron (wrought) and steel; tubing, steel; for eastern and western yards, Aug. 5.

ALAMEDA COUNTY PERMITS UNDER \$1000

SIGN, cloth, \$2; 802 Franklin St.; owner, Ralph E. Hoyt; contractor, Mulvany Sign Co., 575 8th Street.

SIGN, cloth, \$7; 1783 7th St.; owner, Ralph E. Hoyt, 1783 7th St.; contractor, Mulvany Sign Co., 575 8th St.

SIGN, cloth, \$6; 7927 East 14th St.; owner, Ralph E. Hoyt, 7927 East 14th St.; contractor, Mulvany Sign Co., 575 8th St.

SIGN, cloth, \$6; 7919 East 14th St.; owner, Ralph E. Hoyt, 7919 East 14th St.; contractor, Mulvany Sign Co., 575 8th St.

SIGN, metal, \$75; 3409 Telegraph Ave.; owner, Sherwood & Sons, 3409 Telegraph Ave.; contractor, Oakland Sign Co., 579 18th St.

SIGN, cloth, \$36; 341 13th St.; owner, Wade Snook, 341 13th St.; contractor, Mulvany Sign Co., 575 8th St.

BILLBOARD, \$25; SE cor. Park Blvd. and Hopkins; owner and builder, Foster & Kleiser, 22nd and Market St.

BILLBOARD, \$25; SW cor. Piedmont and Mather; owner and builder, Foster & Kleiser, 22nd and Market Sts.

BILLBOARD, \$50; 14 Franklin St., 104-3 20th St.; owner and builder, Foster & Kleiser, 22nd and Market Sts.

SIGN, cloth, \$6; 315 9th St.; owner, Tom Carter, 315 9th St.; contractor, Davis & Kampling, 337 11th Street.

SIGN, cloth, \$6; 310 8th St.; owner, Tom Carter, 310 8th St.; contractor, Davis & Kampling, 337 11th Street.

SIGN, cloth, 2960 Park Blvd.; owner, Tom Carter, 2960 Park Blvd.; contractor, Davis & Kampling, 337 11th Street.

SIGN, cloth, \$9; 3469 Haven Street; owner, Oscar Larsen, 3469 Haven St.; contractor, Davis & Kampling, 337 11th Street.

SIGN, cloth, 3200 Louise St.; owner, Tom Carter; contractor, Davis & Kampling, 337 11th Street.

SIGN, electric, \$200; 3200 Lakeshore Ave.; owner, Lakeshore Pharmacy, 3200 Lakeshore Ave.; contractor, QRS Neon Corp, 690 Potrero Ave., S. F.

ADDITION, \$500; 2525 Etta, Berkeley; owner, J. Moulthrop; contractor, S. Cruz, 996 Alleen.

ALTER, \$150; 1235 Ward, Berkeley; owner and builder, Mr. M. Dent, 1235 Ward.

RE-ROOF, \$410; 2301 Bowditch, Berkeley; owner, E. Nal B. Rith, 2301 Bowditch; contractor, Brown Roofing Co., 4820 Shattuck.

RE-ROOF, \$200; 2818 Benvenue, Berkeley; owner and builder, T. D. Jones, 2614 Haste.

GARAGE, \$375; 1836 Cedar, Berkeley; owner, C. W. Daggett, 1836 Cedar; contractor, Mason-McDuffie Co., 2101 Shattuck.

STUCCO building, \$400; 1610 Fairview; owner, Mr. Kiva, 1610 Fairview; contractor, J. E. Petersen & Son., 4021 Agua Vista.

RE-ROOF, \$605; 2532 Cedar, Berkeley; owner, N. Cleaveland, 2532 Cedar; contractor, American Roofing Co., 383 40th St.

ALTERATIONS, \$200; 3017 College, Berkeley; owner, Mary T. Barclay, 3017 College; contractor, P. A. Lux & Son, 2011 Milva.

ADDITION, \$450; 1539 Virginia, Berkeley; owner, Mrs. McKee, 1739 Virginia; contractor, C. E. Redwood, 2144 Spaulding Ave.

RE-ROOF, \$150; 314 Perkins St.; owner, Mrs. A. Maynihan, 314 Perkins St.

ALTERATIONS, \$70; 1420 31st Ave.; owner, Pacific Brake Service, 1420 31st Ave.

RE-ROOF, \$150; 2935 Adeline St.; owner, I. Pedersen, 2135 Adeline St.; contractor, G. W. Blaker, 3045 Maple Ave.

ADDITION, \$450; 9915 Holly Street; owner, John Atchison, Elks Club; contractor, Carl H. Franzen, 883 54th St.

ALTER for garage, \$200; 956 53rd St.; owner, J. Cazenave, 956 53rd St.

ALTER, \$25 each; 2024-2030 West St.; owner, Mrs. M. Clausen, 2125 West St.; contractor, Lee J. Davis, 121 Monte Vista Ave.

RE-ROOF, \$200; 4626 San Sebastian St.; owner, G. H. Jermark, 4626 San Sebastian St.; contractor, Elliott & Elliott Roof. Co., 770 22nd St.

ALTER, \$145; 3216 63rd Ave.; owner and builder, T. C. Mazingo, 3216 63rd Ave.

ALTER, \$500; 1504 7th St.; owner and builder, Gene Gabriell, 1504 7th St.

ALTER, \$200; 3934-38 14th Ave.; owner and builder, S. Bruce Wright, 3934 14th Ave.

ALTER, \$45; 2610 Grande Vista Ave.; owner and builder, Paul G. Dumitre, 2610 Grande Vista Ave.

ADDITION, \$100; 2624 E. 22nd St.; owner, Peter Santos, 2524 E. 22nd St.

RE-ROOF, \$125; 2807 Shattuck Ave., Berkeley; owner and contractor, G. Paulsen, premises.

GARAGE, \$250; 2901 Wheeler, Berkeley; owner, A. Martin, prem.; contractor, O. H. Kruger, 501 Forest St.

RE-ROOF, \$65; 1235 Oxford, Berkeley; owner, Neiman, 1231 Oxford; contractor, Guy Tyler & Sons, 1502 Cedar St.

RE-ROOF, \$65; 1239 Oxford, Berkeley; owner, Neiman, 1231 Oxford; contractor, Guy Tyler & Sons, 1502 Cedar St.

RE-ROOF, \$105; 1734 California, Berkeley; owner, Geo. Chandler, premises; contractor, Guy Tyler & Sons, 1502 Cedar St.

RE-ROOF, \$175; 1178 Euclid, Berkeley; owner, Mrs. Harvey, 2831 Garber; contractor, Guy Tyler & Sons, 1502 Cedar St.

ADDITIONS, \$500; 1927 Vine, Berkeley; owner, Miss A. J. Hawkins, premises; contractor, Jos. Dominion, 2734 Milvia.

ALTERATIONS, \$250; 2716 Alcatraz, Berkeley; owner and contractor, M. A. O'Connell, premises.

RE-ROOF, \$584; 2113 Kittridge, Berkeley; owner, Fox Theatre Co. premises; contractor, R. Robinson, 707 Van Ness Ave., S. F.

ADDITION, \$400; 5945 Sherwood Dr., Oakland; owner, Max Mercer, premises; contractor, C. C. Rosenberg, 1401 Mountain Blvd.

ALTERATIONS, \$350; 629 Oakland Ave., Oakland; owner, C. A. Miller, 359 17th St.; contractor, E. H. Jones, 903 Castro St.

ADDITION, \$350; 467 Chetwood St., Oakland; owner, L. G. Bruce, premises; contractor, E. H. Jones, 903 Castro St.

REPAIRS, \$75; 3317 Suter St., Oakland; owner and contractor, W. Brill, premises.

ALTER and add, \$395; 735 52nd St., Oakland; owner, H. Van Dyck, premises; contractor, M. G. Sturtevant, 1567 E 31st St.

GARAGE, 1-story, \$100; 9101 Burr St., Oakland; owner and contractor, Geo. F. Erol, premises.

REPAIRS, \$20; 900 53rd St., Oakland; owner, Geo. Myers, prem.

GARAGE, 1-story, \$135; 4616 Dolores Ave., Oakland; owner and builder, H. J. Myklebust, premises.

GARAGE, 1-story, \$700; repair steps \$14; 90 9th St., Oakland; owner, Geo. Chene, 632 Madison Street; contractor, Robert Beck, 5354 Miles Ave.

Section 1103 & 1104
U S POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Immel Bids \$97,430 on
Airport Paving



Low Bids Total \$162,193 on State Jobs



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., JULY 30, 1938 No. 31

Campbell Construction Co. Low on Colfax Overpass; Immel Bids Mendocino Grading

SACRAMENTO, July 27.—Low bids aggregating \$162,183.35 today were submitted to the State Division of Highways on two contracts calling for bridge and highway construction in Placer and Mendocino counties.

Campbell Construction Company, Sacramento, at \$117,881.70 submitted the low bid on the Placer county job, followed by M. B. McGowan, Inc., at \$123,131.

The work involves construction of a steel girder and reinforced concrete deck overhead crossing over the Southern Pacific tracks at Colfax. The bridge will consist of one 101.99-foot span; one 94-foot span; one 88.59-foot span, and one 35.75-foot span.

Complete bids follow:

Campbell Const. Co.....	\$117,881.70
M. B. McGowan, Inc.....	123,131.00
B. A. Howkins & Co.....	123,834.50
P. J. Walker and Co.....	126,623.00
Bates & Rogers Const. Co.....	130,050.10
Holdener Const. Co.....	130,390.40
A. Telchert & Son, Inc.....	132,045.00
J. F. Knapp.....	132,450.00
John Rocca.....	135,142.00

Low bidder on the Mendocino county project was Lee J. Immel, Berkeley, at \$44,301.65. The work involves grading about 0.6 mile of highway and surfacing with road-mix surfacing and placing sacked concrete riprap, five and one-half miles east of Route one and Lake county, portions between 17 and 23 miles east of Lucerne.

Complete bids follow:

Lee J. Immel.....	\$44,301.65
E. A. Forde.....	45,832.50
Fred J. Maurer & Son, Inc.....	45,931.30
Claude C. Wood.....	46,724.25
Pacific States Const. Co.....	47,121.00
Hemstreet and Bell.....	48,095.50
N. M. Ball Sons.....	54,707.50

Principal items include: 10,700 cubic yards of unclassified roadway excavation; 2555 cubic yards sacked concrete riprap; 2400 cubic yards of structural excavation; 20,500 station yards overhaul; 1030 cubic yards of gravel base; 420 cubic yards of mineral aggregate roadmix surfacing; 39.6 tons of liquid asphalt; and 84 lineal feet of CMP.

\$129,381 LOW BID FOR VENTURA JOB

LOS ANGELES, July 21.—Macco Construction Co., Clearwater, today submitted low bid to the office of the State Highway Engineer here for grading and surfacing with asphalt concrete about four miles in Ventura county. Amount of the low proposal was \$129,381.

Among major bidding items were 86,000 cubic yards roadway excavation; 840,000 station yards overhaul; and 19,950 tons of asphalt concrete surfacing. The project is located between Fillmore and Hopper Creek in Ventura Co.

Funds Allotted L. A. Quarantine Station

Public Works Administrator H. L. Ickes has announced Presidential approval of three PWA Federal projects for the Public Health Service, Treasury Department, with total allocations amounting to \$290,000.

The three PWA projects for the Public Health Service consist of the construction of one combination garage-storage shops and parrot detention building plus additional landscaping under a \$60,000 allotment at the Los Angeles quarantine station; construction of quarters for nine medical officers at the Rosebank quarantine station, New York, through a PWA allotment of \$160,000; and the demolition of lighthouse keeper's old house and the construction and equipping of one double set of officers' quarters and garage at the Detroit, Michigan, Marine Hospital under a \$70,000 PWA allotment.

IMMEL SUBMITS LOW FIGURE ON AIRPORT WORK

Berkeley Bidder Low at \$97,430; Blomquist Second At \$104,794

Seven firms yesterday submitted bids ranging from \$97,430 to \$117,410 to the Public Utilities Commission for widening and extending existing runways at San Francisco Municipal Airport.

Lee J. Immel, Berkeley, at \$97,430, submitted the low proposal, followed by A. N. Blomquist, Redwood City, at \$104,794.

The project is one of the first in the \$2,850,000 airport improvement program for which bonds were voted last November.

Complete bids follow:

Lee J. Immel.....	\$97,430
A. N. Blomquist.....	104,794
J. A. Casson.....	111,310
Union Paving Company.....	111,420
Oilfields Trucking Co.....	115,290
Eaton and Smith.....	115,710
Charles L. Harney.....	117,410

The contract calls for 963,000 gallons of emulsified asphalt of various types for improving the existing runways at San Francisco Airport. The runways will be widened and extended. In addition a taxi space will be constructed.

The work involves: 320,000 gallons of emulsified asphalt, in place in a asphalt stabilized pavement base; 430,000 gallons of emulsified asphalt, in place, in asphaltic concrete wearing surface; 180,000 gallons of emulsified asphalt, in place, in asphaltic concrete fill under wearing surface; 60,000 gallons of emulsified asphalt, in place, in seal coat and penetration a sphaltic treatment; and 3000 gals. of emulsified asphalt delivered in storage.

Start Work Soon

Work will be started on the project as soon as possible, it is understood, due to the danger of rain delaying the work during the late months of the year.

New orders for fabricated steel plate taken during May, 1938, amounted to 25,141 short tons, as compared to orders for 28,913 short tons taken during May, 1937, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1704	Doelger	Owner	3500
1705	Eastman	Lindberg	5900
1706	Jacqueten	Kelly	1000
1707-8	Johnson	Owner	8000
1709	Vanucci	Independent	2000
1710	West	Unit-Bilt	1000
1711	Biesen	Peterson	4500
1712	Dahl	Owner	5000
1713	Gerdling	Lindsay	3500
1714	Lada	Owner	1500
1715-6	Lexington	Carson	6000
1717-8	Lindsay	Owner	3950
1719	Nyhan	Owner	3000
1720	Rousseau	Owner	5000
1722	Shea	McKeon	4000
1723	Texas Co.	Aetna	2000
1724	Weaver	Owner	1000
1725	Esola	Owner	1500
1726	Larsen	Baldwinson	4000
1727	Attabit	Bourdieu	2000
1728	Bieg	Wagner	\$5000
1729	Carlson	Owner	\$5000
1730	Crocker	Owner	\$5000
1731-2	Crocker	Owner	\$10,000
1733	Garalagia	Sharman	\$7500
1734	Hallgren	Owner	\$3500
1735	Harms	Owner	\$1000
1736	Moody	Newton	\$1000
1737	Parker	Newton	\$1000
1738	Ryan	Hockings	\$1200
1739	1st Presb. Ch.	Kurber	2000
1740	Hardiman	Owner	3500
1741	Hudson	Modrn. Co.	1500
1742	Parole	De Lucchi	2100
1743-5	Ruegg	Owner	4000
1746	Sacco	G. G. Constr.	1600
1747	Shell Oil	Owner	6000
1748	Tide Water	Owner	6590

DWELLINGS

(1704) W 41st AVE. 175, 200, 225, 250 N Kirkham. Four 1-story and basement frame dwellings.
Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$3,500 each

DWELLING

(1705) N PALO ALTO 50 E Glenbrook. Two-story frame dwelling.
Owner—Geo. H. Eastman, 360 Pine. Contractor—C. Lindberg, 1 Naylor. Architect—John E. Dinwiddie, 360 Pine Street. \$5,900

ALTERATIONS

(1706) 1309 19th AVE. Alter dwelling.
Owner—P. Jacqueten, 4206 22nd St. Contractor—Robt. P. Kelly, 1434 Lawton Street.
Architect—Not Given. \$1,000

FLATS

(1707) S ANZA Extension 46 West Stanyan. Two-story and basement frame flats.
Owner and Builder—Peder P. Johnson, 1750 Bay Street.
Architect—Richard R. Irvine, 2048 Market Street. \$8,000

FLATS

(1708) SW ANZA Extension and Stanyan. Two-story and basement frame flats.
Owner and Builder—Peder P. Johnson, 1750 Bay Street.
Architect—Richard R. Irvine, 2048 Market Street. \$8,000

ALTERATIONS

(1709) NW IRVING and 19th Ave. Alter stores.
Owner—Giovanni Vanucci, 520 Lombard Street.

Contractor—Independent Const. Co., 549 Fell Street.
Architect—Not Given. \$2,000

ALTERATIONS

(1710) 2255 CHESTNUT ST. Alter store.
Owner—Mrs. West, 2540 Mission St. Contractor—Unit - Bilt Fixture Co., 298 Eighth St.
Architect—Not Given. \$1,000

FLATS

(1711) E. SANCHEZ 61 N. Duncan. One-story frame flats.
Owner—J. Biesen, 349 Duncan St. Contractor—A. R. Peterson, 60 Cotter St.
Architect—Not Given. \$4500

DWELLING

(1712) S. ANZA 90 N. 46th Ave. One-story and basement frame dwelling.
Owner—J. J. Dahl, 650 41st Ave.
Architect—Not Given. \$5000

DWELLING

(1713) N. ALEMANY 75 S. Theresa. One-story and basement frame dwelling.
Owner—A. B. Gerdling, 267 Justin Dr. Contractor—C. T. Lindsay, 820 Taraval St.
Architect—Not Given. \$3500

ALTERATIONS

(1714) 238 COLUMBUS AVE. Alter Bowling Alley.
Owner—B. Lada, 2155 Jones St.
Architect—Not Given. \$1500

FLATS

(1715) S. KIRKHAM 82 E. 24th Ave. Two-story and basement frame flats.
Owner—Lexington Corp., 1386 9th Ave.
Contractor—Carlson and Nelson, 1306 38th Ave.
Architect—Not Given. \$6000

FLATS

(1716) S. KIRKHAM 57 E. 24th Ave. Two-story and basement frame flats.
Owner—Lexington Corp., 1386 9th Ave.
Contractor—Carlson and Nelson, 1306 38th Ave.
Architect—Not Given. \$6000

DWELLING

(1717) E. 30th AVE 255 S. Kirkham. One-story frame dwelling.
Owner—C. T. Lindsay, 830 Taraval Street.
Architect—Not Given. \$3950

DWELLING

(1718) E. 30TH AVE. 300 S. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsey, 820 Taraval Street.
Architect—Not Given. \$3950

DWELLING

(1719) N. CLIPPER 202 E. Noe. One-story and basement frame dwelling.
Owner—John Nyhan, 124 Anderson Street.
Architect—Not Given. \$3000

DWELLING

(1720) SE TURK AND CHABOT TERRACE. One-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not Given. \$5000

DWELLING

(1721) SE TURK AND TEMASCAL TERRACE. One-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$5000

DWELLING

(1722) E. 29TH AVE. 25 S. Rivera. One-story and basement frame dwelling.
Owner—C. T. Shea, 2194 30th Ave. Contractor, C. T. McKeon, 2194 30th Ave.
Architect—Not given. \$4000

SERVICE STATION

(1723) NE 39TH AVE. AND BALBOA. Service Station.
Owner—The Texas Co., Hearst Bldg. Contractor—Aetna Const. Co., 1773 24th Ave.
Architect—Not given. \$2000

ALTERATIONS

(1724) 1439 LEAVENWORTH ST. Alter apartments.
Owner—K. Weaver, premises.
ALTERATIONS
(1725) 3088 ARMY ST. Alter dwelling.
Owner and Contractor—Jos. Esola, 3088 Army Street.
Architect—Not Given. \$1,500

DWELLING

(1726) S ELIZABETH 25 W Vicksburg. One-story and basement frame dwelling.
Owner—L. P. Larsen, 191 Randall. Contractor—Ingarr Baldwinson, 322 Judah Street.
Architect—Not Given. \$4,000

ALTERATIONS

(1727) 1519 LARKIN ST. Alter flats.
Owner—A. Attabit, 1731 Polk St. Contractor—J. B. Bourdieu, 2626 20th Street.
Architect—Not given. \$2000

DWELLING

(1728) E 34th AVE 100 N Kirkham. One-story and basement frame dwelling.
Owner—J. B. Bieg, 1335 16th Ave. Contractor—R. Wagner, 1754 9th Ave.
Architect—Not given. \$5000

DWELLING

(1729) S RIVOLI 150 E Cole St. One-story and basement frame dwelling.
Owner—John E. Carlson, 1731 22nd Ave.
Plans by—C M Baker, 155 Montgomery St. \$3000

FLATS

(1730) S CLAY 82 E Gough St. Two-story and basement frame flats.
Owner—Crocker and Raven, 944 Phelan Bldg.
Plans by—Martin Rist, 944 Phelan Bldg. \$8500

FLATS

(1731) S CLAY 110 E Gough St. Two-story and basement frame flats.
Owner—Crocker and Raven, 944 Phelan Bldg.
Plans by—Martin Rist, 944 Phelan Bldg. \$10,000

FLATS

(1732) S CLAY 139 E Gough St. Two-story and basement frame flats.
Owner—Crocker and Raven, 944 Phelan Bldg.
Plans by—Martin Rist, 944 Phelan Bldg. \$10,000

FLATS
 (1733) N GREENWICH 147 W Steiner. Two-story and basement frame flats.
 Owner—G. Garalagia, c/o 3700 Broderick St.
 Contractor—Thos. R. Sharman, 3700 Broderick St.
 Architect—Not given. \$7500

DWELLING
 (1734) W 24th AVE 300 S Moraga. One-story and basement frame dwellin.
 Owner—A. Hallgren, 1594 29th Ave.
 Architect—Not given. \$3500

ALTERATIONS
 (1735) 1668 MISSION ST. Alter Commercial.
 Owner—G. W. Harms, 350 12th St.
 Architect—Not given. \$1000

ALTERATIONS
 (1736) 1386 19th ST. Alter flats. Owner—Grace Moody, premises.
 Contractor—John Newton, 2029 Kirkham.
 Architect—Not given. \$1000

ALTERATIONS
 (1737) 1398 19th AVE. Alter dwelling.
 Owner—J. J. Parker, premises.
 Contractor—John Newton, 2029 Kirkham St.
 Architect—Not given. \$1000

ALTERATIONS
 (1738) 420 DEWEY BLVD. Alter dwelling.
 Owner—W. B. Ryan, premises.
 Contractor—Hocking's Service, 2216 Clement St.
 Architect—Not given. \$1200

ALTERATIONS
 (1739) SE VAN NESS and Sacramento. Alter church.
 Owner—Presbyterlan Church, premises.
 Contractor—S. Kurcher, Oakland.
 Plans by—H. W. Whitsitt, Sheldon Bldg.
 \$2000

DWELLING
 (1740) W 23rd AVE 163 N Noriega. One-story and basement frame dwelling.
 Owner—Michael D. Hardman, 423 38th Ave.
 Architect—Not given. \$3500

ALTERATIONS
 (1741) 624 EUCLID. Alter dwelling.
 Owner—Sidney Hudson, premises.
 Contractor—Modernization Co. of Calif., 3601 Geary Blvd.
 Architect—Not given. \$1500

ALTERATIONS
 (1742) 1239 AND 1241 UNION ST. Alter flats and garage.
 Owner—Mr. Paroll, 3132 Franklin Street.
 Contractor—G. De Lucchi 4 Sharp Place.
 Architect—Not given \$2100

DWELLING
 (1743) W REY 127 S Leland. One-story and basement frame dwelling.
 Owner—The Ruegg Co., 369 Pine St.
 Plans by—Albert H. Larsen, 333 Kearny St.
 \$4000

DWELLING
 (1744) W REY 100 S LELAND. One-story and basement frame dwelling.
 Owner—The Ruegg Co., 369 Pine St.
 Plans by—Albert H. Larsen, 333 Kearny St.
 \$4000

DWELLING
 (1745) W REY 153 S LELAND. One-story and basement frame dwelling.

Owner—The Ruegg Co., 369 Pine St.
 Plans by—Albert H. Larsen, 333 Kearny St.
 \$4000

ALTERATIONS
 (1746) NE 21st and FOLSOM STS. Alter stores and dwellings.
 Owner—Geo. S. Sacco, 2499 Folsom Street.
 Contractor—Golden Gate Const. Co., 244 Kearny St.
 Architect—Not given. \$1600

SERVICE STATION
 (1747) SW 7th and HOWARD STS. Service station.
 Owner—Shell Oil Co., 100 Bush St.
 Contractor—Not selected.
 Plans by—L. R. White, 100 Bush St.
 Engineer—R. W. Henry, 100 Bush Street.
 \$6000

SERVICE STATION
 (1748) SE SANSOME and Sacramento. Service station.
 Owner—Tide Water Assn. Oil Co., 67 New Montgomery St.
 Builder—Not selected.
 Architect—Not given. \$6590

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
1931	Brasch	Brasch	4000
1932	Hunt	Linfoot	1400
1933	Moore	Netherby	6000
1934	U. of Calif.	Keller	1000
1935	Barlow	Walker	5000
1936	Becker	Tollefson	4000
1937	De Rose	Dream	4000
1938	Firrareno	J. A. S. Bldg.	3000
1939	Herrick	Letter	16000
1940	Howe	Wright	5000
1941	Mathiesen	Owner	2950
1942	George	McCausland	4000
1943	Seagbone	Hedstrom	4400
1944	Beckett	Owner	4000
1945	Cross	Christensen	1500
1946	Dohrman	Leekins	4500
1947	Bonds	Owner	5500
1948	Cent. Cal. Brcdcasts.		
1949	Mason	Teigland	12000
1950	Davidson	Perkins	3300
1951	Handy	Haskell	6643
1952	Mullen	Studebaker	1000
1953	Pryor	Buckland	4000
1954	Hull	Duncan	7000
1955	Hull	Bunker	8500
1956	Johnson	Niska	3250
1957	Busche	Paige	1500
1958	Jensen	Hambleton	5000
1959	Rutherford	Travis	1400
1960	Smith	Parsons	2000
1961	Torrey	Leonard	4000
1962	Burton	Beckett	1500
1963	Calif Corru	Owner	7000
1964	Ellis	Hendrickson	1000
1965	Erickson	Bastrom	3300
1966	Gaeta	Owner	1000
1967	Lansburgh	Walker	8000
1968	Marshall	Owner	3100
1969	Terry	West	6000
1970	Young	Lynn	23000
1971	Blabon	Owner	2750
1972	Denis	Elliott	3000
1973	Johnson	Owner	4500
1974	Madison	Parsons	6500

DWELLING
 (1931) 1411 LINCOLN, BERKELEY. Two-story, 5-room frame dwelling and garage.
 Owner—M. G. Brasch, 1600 Mt. Blvd.
 Contractor—M. G. Brasch, 1600 Mt. Blvd.
 Architect—Not given. \$4000

ADDITION
 (1932) 2151 STUART ST., BERKELEY. Additions.
 Owner, M. C. Hunt, 2151 Stuart.
 Contractor—J. H. Linfoot & Son, 378 60th St.
 Architect—Not given. \$1400

DWELLING
 (1933) 656 CRESTON RD., BERKELEY. Two-story, 6-room frame dwelling.

Owner—J. Moore.
 Contractor—W. A. Netherby, 3853 Lyman Rd.
 Architect—Not given. \$6000

ADDITION
 (1934) 1950 OXFORD ST., BERKELEY. Additions to Service Station.
 Owner—U. of Calif.
 Contractor—S. Keller, Crockett.
 Architect—Not given. \$1000

DWELLING
 (1935) 5246 PROCTOR AVE., OAKLAND. One-story, 5-room dwelling.
 Owner—William Barlow, 2803 Woolsey, Berkeley.
 Contractor—J. M. Walker, 401 Spruce St., Berkeley.
 Plans by—Irwin Johnson, 2219 7th Street.
 \$5000

DWELLING
 (1936) 2570 61st AVE., OAKLAND. One-story, 5-room dwelling.
 Owner—Harold C. Becker, 1978 Rose-dale Ave.
 Contractor—C. Lollifsen, 1755 High Street.
 Architect—Not given. \$4200

DWELLING
 (1937) 8916 BURR ST., OAKLAND. One-story, 5-room dwelling.
 Owner—Marion De Roce, 1820 70th Avenue.
 Contractor—Dream Home Builders, 416 Kearny St., S. F.
 Architect—Not given. \$4000

STORE
 (1938) 6573 SHATTUCK AVE., OAKLAND. One-story store.
 Owner—Mike Firrareno, 6569 Shattuck Ave.
 Contractor—J. A. S. Building Co., 5423 Claremont Ave.
 Architect—Not given. \$3000

STORE
 (1939) SW COR. 15th & WEBSTER ST., OAKLAND. One-story brick store building.
 Owner—S. S. Herrick, 19th and Poplar Streets.
 Contractor—E. T. Letter Sons, 811 37th St
 Plans by—Miller & Warnecke, Financial Center Bldg.
 \$16,000

DWELLING
 (1940) 2157 12th AVE., OAKLAND. One-story, 6-room dwelling.
 Owner—Lae How, 2147 12th Ave.
 Contractor—G. R. Wright, 1940 East 14th St.
 Architect—Not given. \$5000

DWELLING
 (1941) 3424 SALISBURY CL., OAKLAND. One-story, 5-room dwelling.
 Owner and builder—John Mathiesen, 2012 11th Ave.
 Architect—Not Given. \$2,950

DWELLING
 (1942) 1908 FAIRVIEW, BERKELEY. One-story five-room frame dwelling and garage.
 Owner—W. George, 5505 Telegraph.
 Contractor—McCausland and Brown 545-B 59th St., Oakland.
 Architect—F. F. Hyde. \$4,000

DWELLING
 (1943) 726 CRESTON ROAD, BERKELEY. One-story dwelling.
 Owner—L. L. Seagbone.
 Contractor—John Hedstrom, 363 63rd St., Oakland.
 Architect—E. R. Kive, Berkeley. \$4,400

DWELLING
 (1944) 6022 BUENA VENTURA AVE. OAKLAND. One-story five-room dwelling.

Owner and Builder—A. T. Beckett,
224 Scenic Ave., Piedmont.
Architect—Not Given. \$4,000

REPAIRS

(1945) 2030 BROADWAY, OAKLAND.
Fire repairs.
Owner—R. H. Cross, Mills Bldg., San
Francisco.
Contractor—H. J. Christensen Co.,
1955 Webster Street.
Architect—Not Given. \$1,500

DWELLING

(1946) 2221 17th AVE., OAKLAND.
One-story 5-room dwelling.
Owner—M. Dohrman.
Contractor—C. W. Leekins, 6054 La
Salle Ave., Oakland.
Architect—Not Given. \$4,500

DWELLING

(1947) 851 CRESTON RD., BERKE-
LEY. One-story 5 room frame
dwelling and garage.
Owner—Milton S. Bonds,
Owner and builder—Milton S. Bonds.
Architect—Not given \$5500

BUILDING

(1948) 601 ASHBY, BERKELEY.
One-story frame and concrete
5 room bldg.
Owner—Central Calif. Broadcasters
Inc., 2337 Shattuck Ave.
Contractor—C. M. Teigland, 525 49th
Street.
Plans by—B. R. Hardman, 2063 All-
ston Way, Berkeley. \$12000

DWELLING

(1949) 1305 CORNELL, BERKE-
LEY. One-story 5 room frame
dwelling.
Owner—H. P. Mason.
Contractor—H. B. Perkins, 1511 Wool-
sey.
Architect—Not given. \$3300

DWELLING

(1950) 5921 MONZAL AVE., OAK-
LAND. One-story 6 room dwell-
ing.
Owner—D. L. Davidsen, 2914 Ben-
venue Ave., Berkeley.
Contractor—A. A. Haskell, 255 Ridge-
way Ave.
Plans by—C. A. Steiner, Prince St.,
Berkeley. \$6643

(1951) 5709 KEITH AVE., OAK-
LAND. Alter and Add.
Owner—Mr. Handy, 5709 Keith Ave.
Contractor—S. M. Studebaker, 259
East 12th St.
Architect—Not given. \$1000

DWELLING

(1952) 2756 PARKER AVE., OAK-
LAND. One-story 5 room dwell-
ing.
Owner—Frank E. Mullen, 2202 42nd
Ave.
Contractor—Nelson J. Buckland, 1735
68th Ave.
Architect—Not given. \$4000

DWELLING

(1953) 3900 OAKMORE RD., OAK-
LAND. One-story 6 room dwell-
ing.
Owner—L. Pryor, 2019 34th Ave.
Contractor—Geo. Duncan, 2523 78th
Ave.
Architect—Not given. \$7000

DWELLING

(1954) 2121 E 29th ST., OAKLAND.
One-story 5 room dwelling.
Owner—Sol Scherman, 2739 Foothill
Blvd.
Contractor—Wm. Spivock, 544 Golden
Gate Ave., S. F.
Architect—Not given. \$4000

DWELLING

(1955) 2438-A RUSSELL, BERKE-
LEY. Two-story 8-room frame
dwelling and garage.

Owner—Jas. A. Hull, 2440 Russell.
Contractor—Glenn Bunker, 584 55th
St., Oakland.
Plans by Owner. \$8,500

DWELLING

(1956) 2216 BONAR, BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner—L. Johnson, 1944 Chestnut.
Contractor—Aaro Niska, 1142 Allston
Way.
Architect—Not Given. \$3,250

FOUNDATION

(1957) 561 BODEN WAY, OAKLAND.
Concrete foundation.
Owner—F. C. Busche.
Contractor—Harold L. Paige, 5651
Oak Grove Ave.
Architect—F. Eugene Barton, Crock-
er Bldg., S. F. \$1,500

DWELLING

(1958) W GASPER DR., Lot 459,
OAKLAND. One-story five-room
dwelling.
Owner—Paul J. Jensen, 6017 Shafer
Avenue.
Contractor — Fred Hambleton, 1601
Wellington Avenue.
Architect—Not Given. \$5,000

ALTERATIONS

(1959) 696 MARIPOSA AVE., OAK-
LAND. Alterations and addition.
Owner—A. C. J. Rutherford, prem.
Contractor—E. E. Travis, 2037 24th
Avenue.
Architect—Not Given. \$1,400

ALTERATIONS

(1960) 4721 PARK BLVD., OAK-
LAND. Alterations and addition.
Owner—C. W. Smith, 4721 Park Blvd.
Contractor — Geo. P. Parsons, 4333
Townsend Ave.
Architect—Not Given. \$2,000

DWELLING

(1961) 7114 SUNKIST DRIVE, OAK-
LAND. One-story 5-rm. dwelling
Owner—John Torrey, 3118 Davis St.
Contractor—Laurie Leonard, 8357
Ney Avenue.
Architect—Not Given. \$4,000
Also 1-story garage, \$500.

REPAIRS

(1962) 1931 FAIRVIEW, BERKE-
LEY. Repair fire damage.
Owner—O. C. Burton, premises.
Contractor—A. T. Beckett.
Architect—Not Given. \$1,500

WAREHOUSE

(1963) 2550 SEVENTH ST., BER-
KELEY. One-story 1-rm. ware-
house.
Owner and Builder—California Cor-
rugated Culvert Co., Fifth and
Parker Streets.
Architect—Not Given. \$7,000

DWELLING

(1964) 7279 SAN PABLO AVE., AL-
BANY. One-story 3-room frame
dwelling.
Owner—J. J. Ellis, premises.
Contractor — A. Hendrickson, 645 8
Raymond St., Oakland.
Architect—Not Given. \$1,000

DWELLING

(1965) 1046 EVELYN AVE., AL-
BANY. One-story 5-rm. frame
dwelling.
Owner—C. H. Erickson, Orland.
Contractor—C. Bastrom, 4536 Walnut
St., Oakland.
Architect—Not Given. \$3,300

OFFICE BLDG.

(1966) 928 SAN PABLO AVE., AL-
BANY. One-story office bldg.
Owner and Builder—G. D. Gaeta, L.
Ferranti, 816 Kains.
Architect—Not Given. \$1,000

DWELLING

(1967) 649 CRESTON, BERKELEY.
Two-story 6-rm. frame dwelling
and garage.
Owner—I. M. Lansburgh, 1147 Griz-
zly Peak Blvd.
Contractor—J. M. Walker, 401 Spruce
Street.
Architect—Not Given. \$8,000

DWELLING

(1968) 831 CERRITO ST., ALBANY.
One-story 5-rm. frame dwelling
and garage.
Owner and Builder—H. E. Marshall,
1230 Marin Ave.
Architect—Not Given. \$3,100

DWELLING

(1969) 435 VERMONT, BERKELEY.
Two-story 6-rm. frame dwelling
and garage.
Owner—Ernest C. Terry, 654 Nielsen.
Contractor—Western Const. Co., 1305
Franklin St.
Architect — D. E. Stegman, 1305
Franklin St. \$6,000

DWELLING

(1970) 275 ALVARADO RD., BER-
KELEY. Two-story 10-rm. frame
dwelling and garage.
Owner—C. C. Young, 604 Mission St.,
San Francisco.
Contractor—Willis F. Lynn, 1037 Ash-
mount.
Architect — Angus McSweeney, 604
Mission St., S. F. \$23,000

DWELLING

(1971) 10449 LONGFELLOW AVE.,
OAKLAND. One-story five-room
dwelling.
Owner and Builder—E. R. Blabon,
2514 63rd Avenue.
Architect—Not Given. \$2,750
Also 1-story garage, \$75.

STORES

(1972) 3033-35 HOPKINS ST., OAK-
LAND. One-story stores.
Owner—J. A. Denis.
Contractor—W. H. Elliot, 9890 Ther-
mal Street.
Architect—Not Given. \$3,000

DWELLING

(1973) 3371 GUIDO ST., OAKLAND.
One-story 5-room dwelling.
Owner and Builder—O. W. Johnson,
3721 Young Avenue.
Architect—Not Given. \$4,500

DWELLING

(1974) 1969 OAKVIEW DR., OAK-
LAND. Two-story 6-rm. dwell-
ing.
Owner—J. H. Madison.
Contractor—George P. Parsons, 4333
Townsend Avenue.
Architect—J. H. Geering, 3839 Ran-
dolph Ave. \$6,500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
349	Woolworth	Goodman	5871
350	P G & E Co	Larsen	30320
351	G G Expos	Akard	18337

ELECTRICAL WORK

(349) 1623 FILLMORE ST. Electric
work in store.
Owner—F. W. Woolworth Company.
Architect—Not Given.
Contractor—Frank F. Goodman, 666
Mission Street.
Filed, July 25, '38. Dated, June 21, '38
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, \$5871
Bond, \$2935.50. Sureties, Standard
Accident Ins. Co. Plans and specifi-
cations filed.

SUBSTATIONS

(350) STERLING in S. F. and west end of Key Mole fill in Oakland.
 Three substations.
 Owner—P. G. & E. Co., 245 Market.
 Architect—Not Given.
 Contractor—H. H. Larsen & Co., 64 South Park.
 Filed, July 26, '38. Dated, July 7, '38
 Monthly payments of.....85%
 Usual 35 days.....15%
TOTAL COST, \$30,320 +
 Bond, \$34,000. Sureties, United Pacific Ins. Co. Forfeit, \$100. Limit, 50 days. Plans and Spec. filed.

EXHIBIT BLDG.

(351) YERBA BUENA SHOALS.
 One-story frame exhibit building.
 Owner—The Christian Science Activities at the 1939 G. C. International Exposition, Inc.
 Architect—Edw. G. Bolles, associated 681 Market St.
 Contractor—W. C. Akard, 225 Cervantes Blvd.
 Filed, July 27, '38. Dated, July 26, '38
 Rough framing\$4584.00
 Exterior plastering 4584.00
 Completed 4584.00
 Usual 35 days 4585.00
TOTAL COST, \$18,337.00
 Bond, \$18,337. Sureties, American Surety Co. of N. Y. Limit, 95 days. Plans and Spec. filed.

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
204	Finch	Peterson	13772
205	P G & E Co	Larsen	34000
206	Moore	Gould	6682

BUILDING

(204) 3800 COOLIDGE ST., Oakland.
 One-story and basement frame building.
 Owner—Fred Finch Children's Home, 3800 Coolidge St., Oakland.
 Architect—Edk. T. Foulkes, 337 12th St., Oakland.
 Contractor—J. B. Peterson & Son.
 Filed and Dated, July 22, 1938.
 6th of each month.....75%
 Usual 35 days.....25%
TOTAL COST, \$13,772
 Limit, 75 days. Plans and specifications filed.

SUB-STATIONS

(205) KEY MOLE FILL, Oakland.
 Construct sub-stations.
 Owner—P. G. & E. Co., 17th and Clay Sts., Oakland.
 Architect—Not Given.
 Contractor—H. H. Larsen & Co., 64 South Park, San Francisco.
 Filed and Dated,
 10th of each month.....85%
 Usual 35 days.....15%
TOTAL COST, \$34,000.00
 Bond, \$34,000. Sureties, United Pacific Ins. Co. Forfeit, \$100 per day. Limit, 50 days. Plans and specifications filed.

BUILDING

(206) LOT 1 ptn Lot 2 Bk 3, Regents Park, Albany. Building for post office.
 Owner—K. R. and A. C. Moore, Berkeley.
 Architect—Not Given.
 Contractor—Gould & Kane, Inc., 1665 Thousand Oaks Blvd., Berkeley.
 Filed, July 26, '38 Dated July 16, '38.
 Frame up\$1670.00
 Plastered 1670.00
 Completed 1670.00
 Usual 35 days 1672.00
TOTAL COST, \$6682.00
 Bond, \$6682. Sureties, Maryland Casualty Co. Limit, Oct. 1, 1938.

**SAN FRANCISCO CITY
 PERMITS UNDER \$1000**

ALTER dwelling, \$531; 2010 Vallejo St.; owner, McElroy Est., prem.
 FLUES, \$50; 618 Arlington St.; owner, H. B. Barber, 225 College; contractor, Ideal Vent. & Sheet Metal Works, 1038 Howard St.
 PLAYHOUSE, frame, \$50; N Balboa 100 E 40th Ave.; owner, F. C. Reed, 519 12th Ave.
 ALTER dwelling, \$106; 1616 48th Ave. owner, Sara Throalin, premises; contractor, Kezar Sheet Metal Works, 515 Frederick St.
 GARAGE, frame, \$70; E Rhode Island 100 N 24th St; owner, John Vidal, 1243 Rhode Island.
 SIGN, electric, \$300; 49 Taylor St.; owner, Union Music Co, prem.; contractor, Western Neon Lite Co., 75 Fremont St.
 SIGN, electric, \$400; 185 Sutter St.; owner, Jos. Mori, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER restaurant, \$300; 746 Mission St.; owner, J. Shopes, prem.
 ALTER dwelling, \$75; 219 Corbett Ave.; owner, D. Ghezzi, prem.
 ALTER dwelling, \$30; 43 Homestead; owner, Emma Todd Est., c/o 41 Homestead St.
 ALTER dwelling, \$150; 430 Pennsylvania; owner, Gaetano Balestreri premises.
 SIGN, electric, \$300; 123 O'Farrell; owner, J. B. Wolf, prem.; contractor, Western Neon Lite Co., 75 Fremont St.
 SIGN electric, \$250; 1809 Fillmore; owner, Byington Elec. Co, prem. contractor, Wonderlite Neon Pro. Co., 170 Otis St.
 ALTER service station, \$500; NE Main and Howard Sts.; owner, Gilmore Oil Co., 18th and 3rd; contractor, John Munson, 2419 15th St.
 ALTER dwelling, \$40; 3322 Anza St.; owner, Viola Evans Swayze, 3322 Anza Street.
 ALTER dwelling, \$15; 3937 19th St.; owner, J. Manley, prem.; contractor, Thos. Brodie, Inc., 1281 Mission St.
 ALTER dwllginn, \$400; 1314 Geary; owner, A. Epezito, premises.
 ALTER dwelling, \$350; 1401 Montgomery St.; owner, M. Weisgerbe, premises.
 SIGN, electric, \$100; 334 Market St.; owner, House of Portugal, prem. contractor, Western Neon Lite Co., 75 Fremont St.
 SIGN, electric, \$100; 96 4th Street; owner, Golden Gate Cafe, prem.; contractor, Wonderlite Neon Pro. Co., 170 Otis St.
 ALTER service station, \$100; NW 10th and Mission; owner, Union Oil Co. of Calif., Mills Bldg.
 ALTER flats, \$200; 1563 Ellis St.; owner, Est. of Gustave Berson, 151 Dolores St.; contractor, C. S. Biggar, 1760 Ellis St.
 ALTER flats, \$325; 2148 Broderick; owner, Annie Hospodersky, 984-A Harrison St.; contractor, Oscar Fresco & Sons, 250 Langton St.
 ALTER dwelling, \$800.00; 1390 19th Ave.; owner, Mr. Carter, prem.; contractor, John Newton, 2029 Kirkham St.
 SIGN, electric, \$400; 492 Castro St.; owner, Elec. Prod. Co., 910 Harrison St.; contractor, same.
 ALTER store, \$85; 778-A Howard St. owner, J. J. Clayton, 2595 Washington St.
 SIGN, electric, \$150; 2799 Taylor St.; owner, New Italian Restaurant, 2799 Taylor St.; contractor, Pacific Neon Mfg. Co., 2600 18th St.
 ALTER store, \$200; 1161 Grant Ave.; owner, M. Marsicano, 781 Green Street.

ALTER marquee, \$250; 615 Broadway; owner, Colombo Hotel, 615 Broadway; contractor, Apex Elec. Co., 363 Fell St.
 ALTER dwelling, \$25; 16 Commonwealth; owner, R. Duff, prem. contractor, Anderson & Bell, 1841 Lincoln Way.
 SIGN, electric, \$225; 600 Ellis St.; owner, Leona's Beauty Shop, 600 Ellis Street; contractor, Pacific Neon Mfg. Co., 2600 18th St.
 ALTER hotel, \$300; 643 Pacific St. owner, Chan Kee, premises; contractor, Carl J. Fung Co., 719 1/2 Sacramento St.
 FLUE, \$30; 1500 Stockton Street; owner, L'Italia Newspaper, premises; contractor, A. Stroppiano, 478 Union St.
 ALTER store and restaurant, \$450; NW Turk and Jones; owner, Tilden Inv. Co., c/o cont.; contractor, A. L. Thulin, 63 Brandy St.
 FLUE, \$30; 151 Wisconsin; owner, H. Erickson, 972 Chenery; contractor, X-L-C-R Gas Furnace Co., 183 West Portal Ave.
 ALTER stores, \$371; 598 Haight St.; owner, Dr. M. B. Ryer, 596 Haight St.; contractor, W. F. and W. B. Demaris, 732 Page St.
 ALTER apts., \$950; 3998 Sacramento St.; owner, L. Sorbie, premises; contractor, Modernization Co. of Cal, 3601 Geary St.
 FLUE, \$20; 1535 Sacramento St.; owner, Dora Moeller, 1535 Sacramento; contractor, D. Dimmer Hardware, 1715 Polk St.
 ALTER dwelling, \$475; 471 16th Ave.; owner, Jennings Phillips, premises; contractor, Modernization Co. of Cal, 3601 Geary Blvd.
 FLUE, \$20; 355 11th Ave.; owner, Mr. Skillcorn, premises; contractor, Carver-Niles Co., 1024 Clement
 ALTER dwelling, \$300; 1083 Dolores St.; owner, T. Hamm, premises; contractor, McCormick and Shannon, 73 Hill St.
 FLUES, \$225; W Alemany 400 S Onondaga; owner, Mr. Dahl, 4422 Mission St.; contractor, XLCR Gas Furnace Co., 183 West Portal Ave.
 ALTER store, \$980; 335 Jones St.; owner, Bertha Rogers, c/o cont.; contractor, L. Salomon, 1734 Broderick St.
 ALTER dwelling, \$375; 3953 20th St.; owner, J. Heffernan, premises; contractor, J. Heffernan, Jr., 3953 20th St.
 ALTER dwelling, \$110; 35 Coleridge; owner, M. J. Callaghan, premises.
 ALTER boat shed, \$10; 601 Laguna; owner, Hilary Crawford Ex, 519 California St.
 ALTER dwelling, \$150; 137 Lakeview Ave.; owner, G. Smith, premises.
 FLUES, \$50; NE Francis and Alemany Blvd.; owner, Corpus Christi Church, premises; contractor, John A. Marshall, 4407 Mission St.
 FLUES, \$225; W Alemany 350 S Onondaga; owner, Mr. Dahl, 4422 Mission St.; contractor, X-L-C-R Gas Furnace Co., 183 West Portal Ave.
 ALTER dwelling, \$500; 57 Concord St.; owner, W. Jones, premises; contractor, Miller and McGillis, 444 Geary St.
 SIGN, electric, \$250; 1299 Bush St.; owner, Luxor Cab Co., premises; contractor, Adalite Neon Corp., 5835 3rd St.
 SIGN, electric, \$100; 1732 Leavenworth St.; owner, N. Paoni, 1732 Leavenworth; contractor, QRS Corp., Ltd., 690 Potrero Ave.
 ALTER store shed, \$400; 674 3rd St.; owner, G. Pignatta, prem.; ALTER dwelling, \$400; 1355 Kansas; owner, Geo. Anisimoff, premises; contractor, Ed Rosemont, 176 Du-hoce Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jetties |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Schools |
| 7.—Federal Buildings | 17.—Banks, Stores and Others |
| 8.—Club Buildings | 18.—Theatres |
| 9.—Hospitals | 19.—Wharves & Docks |
| 10.—Hotels | 20.—Misc. Const. |
| | 21.—Misc. Supplies & |

1— APARTMENTS

Contract Awarded
APARTMENTS Cost \$10,800
OAKLAND, Ala. Co., Calif., 1554
Fruitok Ave.
Two-story sixteen room apartment house.
Owner—R. J. Cooper.
Architect—Not given.
Contractor—Gaubert Bros., 4735
Brookdale Ave. 1

Preparing Working Drawings
APARTMENT Cost, \$20,000
SAN FRANCISCO, Twin Peaks.
Frame apartment house to contain two 2-rm., one 4-rm. and one 5-rm. apts., hardwood flrs., tile baths, wood sash, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Larsen St.

Contract Awarded
APARTMENTS Est. Cost, \$90,000
OAKLAND, Alameda Co., Cal. Beat-
tie Ave. and Ivy Drive.

Three-story frame apt. bldg. to contain 18 apts. (canvas walls, composition shingle roof, steam heating plants, reinf. conc. basement, elevator).
Owner—Withheld.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—M. A. Little Co., Inc., 107
24th Ave., San Francisco.

Completing Working Drawings
APTS. & STORE Est. cost \$25,000
DALY CITY, San Mateo Co., Calif.

Apartment and store building to contain three 3-rm. apts., and four stores.
Owner—Withheld.
Architect—Albert H. Larsen, 333
Kearny St., San Francisco.

3— CHURCHES

Taking Segregated Bids
CHURCH Cost, \$8,500
EAST OAKLAND, Alameda Co., Cal.
Wood frame and stucco church bldg. to seat about 150 persons (composition roof, plaster interior, gas heating system).
Owner—Withheld.
Architect—Geo. P. Simonds, 80 Main
Street, Hayward.
Contractor—Darling & Darling, 301
West Broadmar Blvd., San Leandro.

The contractors are now taking segregated bids.

4— FACTORIES & WARE- HOUSES

PLANS BEING FIGURED
BURBANK, Los Angeles Co., Calif.
—Until Aug. 3, 3 P. M., Architects John and Donald B. Parkinson, 434
Title Insurance Bldg., L. A., are taking general contract bids for a new factory bldg. (42,000 sq. ft. flr. area) to be built at Victory Place and Empire Ave., Burbank, for the Lockheed Aircraft Corp. Contract for fabricating and erecting struc. steel frame for bldg. awarded to Consolidated Steel Corp.

5— FLATS

Segregated Contracts Awarded
FLATS Est. Cost, \$8,000
SAN FRANCISCO. Greenwich and
Leavenworth Streets.
Two-story flats (6 and 7 rooms) tile showers and baths, hardwood floors, wood and steel sash, composition roof, garages.
Owner—Withheld.
Architect—Martin J. Rist, Phelan
Building.
Grading—Rosenberg Bros., 50 Merlín
Street.
Roofing—Alta Roofing Co., 976 Indiana
Street.
Glass—S. F. Class Co., 5234 Mission
Street.
Ornamental Iron—Otto Sempel, 1079
Poison Street.
Steel Sash—Michel & Pfeffer Iron
Works, Inc., 10th and Harrison
Streets.
Plumbing—Mike Desiano, 2453 Lom-
hard Street.
Plastering—Chas. Terranova, 2315
9th Street.

To Be Done By Day's Work.
FLATS Cost, \$9000 each
SAN FRANCISCO. S Anza Extension
W Stanyan St.
Two two-story and basement frame
and stucco flats.
Owner and Builder—Peder P. John-
son, 1750 Bay Street.
Architect—Richard R. Irvine, 2048
Market Street. 5

Contract Awarded
FLATS Cost, \$3,000
SAN FRANCISCO. N Greenwich 147
W Steiner Street.
Two-story and basement frame flats.
Owner—G. Garalagia, c/o 3700 Brod-
erick Street.
Architect—Not Given.
Contractor—Thos. R. Sharman, 3700
Broderick Street. 5

To Be Done By Day's Work
FLATS Cost, \$10,000 each
SAN FRANCISCO. S Clay, 62, 110 and
139 E Gough Street.
Three 2-story and basement frame
flat buildings.
Owner and Builder—Crocker & Ra-
ven, 944 Phelan Bldg.
Architect—Martin Rist, 944 Phelan
Building. 5

6— GARAGES & SERVICE STATIONS

BIDS IN
SERVICE STA. Cost, \$.....
SELMA, Fresno Co., Calif. Second
and Whitson Streets.
New gasoline service station.
Owner—General Petroleum Corp. of
California.
Plans by Engr. of Owner.
Announcement shortly.

7— FEDERAL BUILDINGS

LOW BIDDER
SAN DIEGO, Calif.—H. A. Nichols,
936 E. Slauson Ave., L. A. submitted
low bid to the 11th Naval District
in San Diego July 26, at \$122,000, for
an aircraft storehouse to be built
at the Naval Operating Base (Air
Station), San Diego; Spec. 8871. The
storage bldg. is one-story, steel frame,
approx. 121x305 ft. It will have con-
crete footings, walls, foundation and
floors; structural steel trusses and
frames; steel windows and doors;
vertical rolling steel doors; steel roll-
ing doors on track; timber rein-
forced deck with builtup rfg; corr.
asbestos siding; hanging gutters;
downspouts; elec., plbg. and drain-
age systems. * 7

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—
Until August 5, 9 A. M., bids will be
received by the Procurement Division
in the office of the postmaster at
Bakersfield, Calif., for the sale or
donation to the United States of a lot
conveniently located as a site for
a Federal Building at Bakersfield.

BIDS WANTED
FORT LEWIS, Pierce Co., Wash-
ington.—Until August 8, bids will be
received by the Army Department,
Quartermaster, Construction Divi-
sion, Washington, D. C., for construc-
tion of storage and motor shop, at
Fort Lewis; est cost \$60,000. * 7

BIDS WANTED
FORT LEWIS, Pierce Co., Wash-
ington.—Until August 8, bids will be
received by the Army Department,
Quartermaster, Construction Divi-
sion, Washington, D. C., for construc-
tion of Quartermaster Ware-
house; est. cost \$40,000. * 7

Opening Date Postponed Until Aug.
2, 1 P. M.

PARCEL POST BUILDING
Cost, \$2,800,000

LOS ANGELES, Calif. NE Corner
Alameda and Macy Streets.
Two-story structural steel and rein-
forced concrete U. S. Parcel Post
Building (except elevators).
Owner—U. S. Government.
Plans by the Supervising Architect,
Treasury Dept., Washington, D. C.
Plans and specifications may be
obtained from the Procurement Divi-
sion, Public Bldgs. Branch, Wash-
ington, D. C.; no deposit required.
Postponed from July 28.

The Procurement Division advises
that any bids received for the July
26 opening will be held unopened.
These bids may be modified by tele-
gram if the telegram is received
prior to 1 p.m., Aug. 2.

BIDS WANTED
LOS ANGELES, Calif.—Until Aug.
2, 1 P. M., (postponed from July 26)
bids will be received by the Pro-
curement Division, Public Buildings
Branch, Washington, D. C., for eleva-
tor plant in the Parcel Post Bldg.,
NE Cor. Alameda and Macy Streets,
Los Angeles. * 7

BIDS WANTED
SAN FRANCISCO.—Until August
16, bids will be received by the Pro-
curement Division, Public Bldgs.
Branch, Washington, D. C., for inter-
ior and exterior painting at the
U. S. Custom House, S. F. * 7

Funds Allotted

REHABILITATE BLDGS.
YERBA BUENA ISLAND, Calif., Naval Receiving Station.

Rehabilitation of buildings and grounds (O. P. 752-09-159)

Owner—U. S. Government, Bureau of Yards & Docks, Navy Department, Washington, D. C.

Plans by Navy Dept., Washington, D. C.
 PWA allotment received in the amount of \$96,000. Contract on this Federal project will be let at an early date.
 (4862) • 7

BIDS WANTED

HAMMOND, Oregon.—Until August 10, bids will be received by the Treasury Dept., U. S. Coast Guard, Washington, D. C., for furnishing labor and materials and performing all work for the construction, under one general contract, of a frame equipment building (32 x 50) having a concrete foundation, concrete floor, and concrete approach slab; together with all necessary accessories required to construct the work at the Point Adams U. S. Coast Guard Station, Hammond, Oregon; Invitation No. P236-CE120. • 7

BIDS WANTED

SAN FRANCISCO.—Until August 3, 10:00 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, under Bid No. 5805, for rental of one tractor, not less than 45 H.P. equipped with bulldozer not less than 8 ft. and carryall of not less than 6 cu. yd. capacity; f.o.b. Pittsburg, Calif. • 7

BIDS WANTED

KETCHIKAN, Alaska.—Until Sept. 6, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for changes in Judge's room and library and changes in witness stand for the U. S. P. O. Court House, Custom House and Jail at Ketchikan.
 Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Ketchikan. • 7

Low Bidders

MAINTENANCE BLDG.
HICKAM FIELD, T. H.
 Construction of Quartermaster Maintenance Building.
 Owner—U. S. Government.
 Plans prepared by the Office of the Quartermaster General, Construction Division, Washington, D. C.
 Low Bidder—Ralph E. Woolley, Honolulu, \$34,390.
 Second low bid submitted by Walker & Olund, Honolulu, at \$34,792. • 7

CONTRACT AWARDED

COCO SOLO, Canal Zone.—Pittsburgh-Des Moines Steel Co., 629 Rialto Bldg., San Francisco, at \$131,020.00 submitted low bid and was awarded the contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for an extension to a hangar at the Naval Fleet Air Base, Coco Solo, C. Z.; Spec. 7993.

Work includes wood piles, concrete, structural steel, built-up roofing, corrugated asbestos sheet siding, metal doors and windows, a drainage system, and electrical work.

LOW BIDDER

SAN DIEGO, Calif.—V. R. Dennis Const. Co., P. O. Box F, Sta. A, San Diego, submitted low bid to the 11th Naval District in San Diego July 26, at \$118, for driving test piles for Fleet School Bldg. at the Naval Operating Base (Destroyer Base) San

Diego. Spec. 8875. The work includes the furnishing of equipment and labor and driving 12 concrete test piles. The government will furnish the test piles to be driven.
 • 7

CONTRACT AWARDED

SAN FRANCISCO.—Scott Co., Inc., 243 Minna St., at \$1,117 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington D. C., for plumbing work involving installation of five urinals in toilet room, installation of one compression tank and welding of one compression tank now in place and retubing of hot water heater of heating system, at the U. S. Post Office and Court House, 7th and Mission Sts., San Francisco. • 7

CONTRACT AWARDED

OLYMPIA, Wash.—R. A. Neuman, McMinnville, Ore., at \$8,427, awarded contract by the Procurement Division, Public Bldg. Branch, Wash., D. C., for painting masonry and plaster, floor repairs, etc., and miscellaneous repairs at the U. S. P. O., at Olympia. • 7

BIDS REJECTED

SPOKANE, Wash.—Procurement Division, Public Bldgs. Branch, Washington, D. C. rejected all bids received for exterior painting and miscellaneous repairs at the U. S. P. O. and Courthouse at Spokane. • 7

CONTRACT AWARDED

SAN FRANCISCO.—Cramer Bros., 1225 Clement St., at \$4,885 awarded contract by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for painting and alterations at the old U. S. Mint building. • 7

July 25, 1938

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until August 10, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 120,000-lb. per hour boiler with water cooled walls, superheater, air pre-heater, combination oil and gas burners, forced and induced draft fans combustion air ducts, soot blowers, structural steel supports and accessories, at the Navy Yard, Mare Island; Spec. No. 8807. Est. cost, \$100,000.

Drawings and specifications may be obtained from the Bureau or from the Commandant, Navy Yard, Mare Island, Calif., upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.
 (618) 1st rep. June 20, 1938. • 7

CONTRACT AWARDED

SAN FRANCISCO.—Nick Hemminga, 627 38th Ave., at \$3,245 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for general changes in roof, 357 and 359, and installation of windbreak at pavilion at the U. S. Marine Hospital, S. F. • 7

BIDS OPENED

YERBA BUENA SHOALS.—R. P. Paoli & Co., 2530 Lombard St., San Francisco, at \$11,870 submitted low bid to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., Room 1400, San Francisco, for exterior painting of the Federal Bldg., Yerba Buena Shoals.
 Complete bids were:

R. P. Paoli & Co., \$11,870.
 Raphael & Co., \$13,480.
 D. Zelinsky, \$14,584.
 (1001) 1st rep. July 14, 1938. • 7

BIDS WANTED

ELKO, Nev.—Until August 12 bids are being received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous repairs at the U. S. P. O. at Elko. • 7

BIDS WANTED

YERBA BUENA ISLAND, Calif.—Until August 4, 11 A. M., bids will be received by the Department of Commerce, Lighthouse Service, office of Superintendent of Lighthouses, 425 Custom House, San Francisco, for constructing of a three-story or a two-story reinforced concrete storehouse and also a one-story steel frame the walled carpenter shop at Yerba Buena Lighthouse Depot, Yerba Buena Island, San Francisco Bay, Calif. Proposal No. P-15.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SELMA, Fresno Co., Calif.—E. F. Jensen, 2033 Gaither St., Selma, at \$275 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster at the U. S. P. O., at Selma. • 7

CONTRACT AWARDED

MARTINEZ, Contra Costa Co., Cal. The Scott Co., 113 10th St., Oakland, at \$954 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system at the U. S. P. O., at Martinez. • 7

CONTRACT AWARDED

NEWBERG, Oregon.—Henry L. Grohne, Decatur, Ill., at \$1,440 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for flashing and caulking of parapet walls and windows at the U. S. P. O. at Newberg, Ore. • 7

BID OPENED

MANILA, P. I.—Otis Elevator Co., Washington, D. C., at \$5,580 submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing a complete elevator plant in the U. S. High Commissioner's office and residence at Manila, P. I. • 7

PLANS PREPARED

MARCH FIELD, Riverside Co., Cal. Major J. B. Casseday, Constructing Quartermaster, March Field, reports that plans have been prepared for a new barracks bldg. to be built at March Field to cost approx. \$475,000. Following approval of the plans by the Quartermaster General in Washington and the allocation of funds, general contract bids will be called. Excav. and found for the structure are being done by WPA forces. • 7

CONTRACT AWARDED

SAN DIEGO, Cal.—B. O. Larsen, 1340 "E" St., San Diego, submitted low bid and was awarded contract by the 11th Naval District in San Diego July 26, at \$184,600, for a general storehouse to be built at the Naval Operating Base (Air Station), San Diego; Spec. 8870. The building will be a 3-story concrete structure, approx. 115x205-ft. Work includes concrete construction, freight and passenger elevators; stucco work; steel windows; steel doors; steel rolling doors; tile partitions; metal lath and plaster; roofing and sheet metal; carpentry; painting; glazing; electric, plumbing and heating systems. • 7

BIDS WANTED

DOUGLAS, Ariz.—Until Aug. 18, bids will be received by the Pro-

curement Division, Public Bldgs. Branch, Washington, D. C., for the construction of enclosed shelter bldg. at the U. S. Border Station, Douglas.

CONTRACT AWARDED

SAN DIEGO, Cal.—M. H. Golden, 531 Bank of America Bldg., submitted low bid and was awarded contract by the 11th Naval District in San Diego July 26, at \$45,200 for extension of Bldg. No. 31, connecting Bldgs. 31 and 90, at the Naval Operating Base (Air Station), San Diego; Spec. 5873. Work consists in general of the furnishing and connecting two existing steel frame buildings. The extension will be approximately 101x50 ft. The work includes concrete; brick and hollow tile; stucco; steel doors and windows structural steel work; metal toilet and labor for extending and connecting two existing steel frame buildings. The extension will be approximately 101x50 ft. The work includes concrete; brick and hollow tile; stucco; steel doors and windows structural steel work; metal toilet partitions; timber sheathing with built-up roofing and sheet metal work; water, gas, air and drainage piping; steam piping; electrical work and painting.

8— CLUB BUILDINGS

Contract Awarded
ELKS HALL Est. cost \$25,000
ORVILLE, Butte Co., Calif. 1445 Myers St.
Alterations and additions to Sandler Bldg., to accommodate new Elks Hall (widening of building 10 ft., addition of second floor, complete remodeling).
Owner—Oroville Elks Hall Association, W. T. Baldwin, Pres.
Architect—Marshall A. Dean, 2104 Addison St., Berkeley.
Contractor—Milo Strand, Box 93, Oroville.

9— HOSPITALS

Completing Working Drawings
HOSPITAL Est. cost \$87,273
MODesto, Stanislaus Co., Calif.
Two-story and basement Class B reinforced concrete county hospital building known as unit 4 and included in eventual group of 12 units.
Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.
WPA allotted grant of \$39,273. Plans will be completed and bids asked the early part of next week.

Funds Asked

COMPLETE HOSPITAL Cost, \$.....
ORVILLE, BUTTE CO., Calif.
Completion of hospital now under construction by WPA labor.
Owner—County of Butte.
Architect—George C. Sellon, California State Life Bldg., Sacto.
Application has been filed for PWA grant of \$70,000, which proceeds will finance construction of completion of project, total cost of which is estimated at \$210,000.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

SUB-BIDS WANTED

YERBA BUENA SHOALS.—Barrett & Hilp, 18 Harrison St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for the construction of the Missouri Bldg., Yerba Buena Shoals, for which bids will be opened July 29, 3 P. M., by the S. F. Bay Exposition Co., Inc., 585 Bush Street, San Francisco. 13

NOTICE OF SALE

SAN FRANCISCO.—Director of Property Joseph J. Phillips, will sell at public auction August 1 on the

premises, those city-owned buildings located in San Francisco, as follows:
1821 Lincoln Way—9:30 A. M.
1827 Lincoln Way—9:45 A. M.
3058 Army Street—10:45 A. M. 13

Bids Wanted—To Close August 4, 3 P. M.

REMOVE BLDG. Cost, \$.....
SAN FRANCISCO, Union Square.
Remove exhibition building in Union Square; Contract No. 208.
Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Architect—S. F. Bay Expos. Architectural Commission, 585 Bush St., San Francisco.
Plans and specifications obtainable after 2 P. M., July 28, at the above office, Room 222, upon deposit of \$20.

BIDS OPENED

TOLL PLAZAS
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction in accordance with the specifications therefor, to which special reference is made, of the Toll Plaza, Yerba Buena Island, of the San Francisco-Oakland Bay Bridge; work includes permanent toll plaza, electrical w'k, plumbing, permanent office, and temporary toll plaza.
Owner—State Dept. of Public Works, S. F.-Oakland Bay Bridge Division.
Plans prepared by S. F.-Oakland Bay Bridge Division.
Low bidder—Barrett & Hilp, 918 Harrison St., S. F., \$14,900.
Complete bids were:.....
Barrett & Hilp, S. F., (1) total bid \$14,900, (2) permanent toll plaza, \$5,700, (3) electrical work, \$5,000 (4) plumbing, \$1,000 (5) permanent office, \$1,200, (6) temporary toll plaza, \$2,000.

D. W. Nicholson, Oakland, (1) \$15,850; (2) \$6,750; (3) \$5,500; (4) \$30; (5) \$1,000; (6) \$1,620.
Fred J. Early, Jr., S. F., (1) \$15,978; (2) \$5,990; (3) \$5,369; (4) \$1,245; (5) \$1,466; (6) \$1,908.
Bates & Rogers Constr. Co., Oak., (1) \$17,630; (2) \$7,280; (3) \$5,430; (4) \$885; (5) \$1,415; (6) \$2,620.
Clinton Construction Co., S. F., (1) \$17,800; (2) \$7,100; (3) \$4,900; (4) \$1,000; (5) \$2,000; (6) \$2,900.
Heafey-Moore Co. and Fredrickson & Watson, S. F., (1) \$19,490; (2) \$9,000; (3) \$5,000; (4) \$800; (5) \$2,900; (6) \$1,790.

Bonds Defeated

CHURCHILL COUNTY, Nevada.—The County of Churchill, State of Nevada, defeated bonds July 19 in the amount of \$60,000 which proceeds were to have aided in financing construction of proposed new county courthouse. 13

Bond Election Planned FIREHOUSES

Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.
Construction of two new firehouses: one Class C reinforced concrete building with drill tower (\$49,000); and one frame and stucco secondary station (\$12,000); new alarm system (\$35,000); two new fire trucks (\$17,850).
Owner—City of Santa Rosa.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
The city is planning to vote bonds in the near future in the amount of \$137,500 to aid in financing development of fire department and water system. Application for PWA grant will also be filed.

Contracts Awarded
ADDITION Cont. Pr., \$94,065
PORTLAND, Ore. West Park bet.

Jefferson and Madison Streets.
Addition to Art Museum.
Owner—Portland Art Museum.
Architect—A. E. Doyle & Associates, Pacific Bldg., Portland.
Contractor—L. H. Hoffman, 715 SW Columbia, Portland.
Air-Conditioning—Hastorf, Inc., 735 SE Morrison, \$23,378.
Plumbing—Otto Schulz, 2269 NW Northrup, \$3705.
Electric Wiring—Jagger - Sroufe Co., 412 SW 10th, \$5976.
Marble—Lutz Marble Co., 3900 NW St. Helens Road, \$39,472.
All of Portland. 13

Sub-Contracts Awarded.

Cont. Pr., \$133,700
WESTERN STATES BUILDING
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Complete construction of the Western States Building; Contract No. 168. One-story frame building (400x300 feet) surrounding center (140x120 ft.) with auditorium in one wing to seat 800 and floor space to accommodate exhibits from the eleven Western States; some file and some composition roofing.
Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., S. F.

Electric Wiring—Central Electric Co., 179 Minna St.
Plumbing—O'Mara & Stewart, Ltd., 218 Clara St.
Sheet Metal—Gulfroy Cornice Wks., 1234 Howard St.
Plastering—James F. Smith, 271 Minna St.
Mill Work—Pacific Mfg. Co., Santa Clara.

Funds Allotted

CIVIC AUDITORIUM. Est. Cost, \$250,000
SANTA CRUZ, Calif. Southwest cor. of Center and Church Sts.
Two-story early California style auditorium building (approx. 100 x 160 ft.), seating 1410 on main floor with balcony to seat 600; stage, dressing rooms, committee rooms.
Owner—City of Santa Cruz.
Architect—Mark Daniels, 101 Post St., San Francisco.
PWA grant of \$114,545 allotted which, together with proceeds of bond election scheduled for Sept. 13, will finance construction.

Plans Being Figured — Bids Close August 28

FIREHOUSE.

NEWARK, Ala. Co., Calif.
Construction of new fire house.
Owner—Newark Fire District.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Plans are being figured by the following selected list of contractors:
Frank Ferreira, Newark.
P. Frantz, Newark.

Bids Wanted — To Close August 8, 3 P. M.

POLICE & FIRE STATION
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction of Police and Fire Station (North); Contract No. 178.
Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Plans and specifications obtainable

after 2 P. M., July 25, at the above office, Room 222, upon deposit of \$20.

Plans Being Figured
EXHIBIT BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair. Exhibit building to resemble large cash register.
Owner—The National Cash Register Company.
Architect—Not given.
Plans are being figured by a selected list of contractors.

Funds Allotted
COUNTY JAIL Est. Cost, \$100,000
REDDING, Shasta Co., Calif.
Three-story and basement county jail bldg. to accommodate 100 prisoners.
Owner—County of Shasta.
Architect—Masten & Hurd, 442 Post St., San Francisco.
PWA grant of approximately \$44,000 allotted. Balance of funds on hand.

Contemplated
ALTERATIONS Est. Cost, \$75,000
MERCED, Merced Co., Calif.
Alterations and additions to county jail; installation of elevator.
Owner—County of Merced.
Engineer—W. E. Bedesen, Shaffer Bldg., Merced.
Application for PWA grant will probably be made.

Contract Awarded Cont. Price \$21,660
EXHIBIT BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
One-story frame building to house complete exhibit of chocolate manufacturing process from raw state to finished product.
Owner—D. Chirardelli Co., 900 North Point, S. F.
Architect—Virgil W. Jorgensen and Bakewell & Welhe, Associate Architects, 251 Kearny St., S. F.
Contractor—P. J. Walker Company, 607 Sharon Bldg., S. F.

Bids Wanted—To Close August 16,
2 P. M.
GROUND IMP. Cost, \$.....
LOS ANGELES, Calif. State Office Building.
Ground improvement at the State Office Building involving demolition and removal of sidewalk, paving, and old foundations, together with excavations, filling, grading, concrete work and drainage.
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.
Plans and specifications obtainable from the State Architect's Office on deposit of \$25, returnable.
Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

Bids Wanted—To Close August 23,
2 P. M.
COTTAGES Cost, \$.....
ELDRIDGE, Sonoma Co., Cal. Sonoma State Home.
Erection and completion of Units 3 and 4, of four cottages for patients at Sonoma State Home; cottages are to be 1-story reinf. concrete buildings with hollow tile partitions, steel sash, wood roof construction and shingle tile roof.
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.
Separate bids will be received as follows: (1) general work; (2) heat-

ing work; (3) plumbing work; and (4) electrical work.

Plans and specifications obtainable from the State Architect's Office on deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

Contract Awarded
COLLEGE BLDGS. Cont. Pr., \$36,657
SANTA BARBARA, Cal. Santa Barbara State College.

Erection and completion of a wood frame temporary classroom bldg., situated at the present college site; wood frame field house to be situated on the new college site near the beach; concrete bleachers to be situated on the new college site near the beach.
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.
Contractor—Nels Oakeson, 520 East Haley St., Santa Barbara.

Bond Election
CITY HALL Est. cost, \$80 to \$90,000
SAN LEANDRO, Alameda Co., Calif.
Part one- and two-story reinforced concrete city hall, firehouse and jail.
Owner—City of San Leandro.

Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

The city of San Leandro will vote August 16 on a proposal to issue bonds in the amount of \$60,000 which proceeds will aid in financing construction.

CONTRACT AWARDED
EUREKA, Humboldt Co., Calif.—
E. L. Dennis, 12053.23.
F. J. Maurer & Son, Inc., \$13,300.
Mercer-Praser Co., \$13,776.
Halsby & Lax, \$14,257.84.
All of Eureka.

Complete bids were:
E. L. Dennis, \$12,053.23.
F. J. Maurer & Son, Inc., \$13,300.
Mercer-Praser Co., \$13,776.
Halsby & Lax, \$14,257.84.
* 13

Sub-Contracts Awarded
INSPECTION STA. Cont. Pr., \$13,932
SISKIYOU Co., Calif. Near Dorris.
Construction of wood frame inspection station for Dept. of Agriculture (exterior covered with redwood siding, shake roof, concrete floors, wood sash and doors. Work also includes drilling of a well, construction of a fence and paving approaches and curbs).
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Contractor—Victor L. and Wm. B. Jacobson, 3338 Madera Ave., Los Angeles.

Plumbing—L. H. Smith, 3841 Edenhurst Ave., Los Angeles.
Sheet Metal—Reno Sheet Metal and Steel Co., 4407 San Fernando Rd., Los Angeles.
Hardware—California Hardware Co., 500 E First St., Los Angeles.

Contract Awarded
EXHIBIT BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair. Exhibit building to resemble large cash register.
Owner—The National Cash Register Company.
Architect—Walter Dorian Teagel, 210 Madison Ave., New York City.
Contractor—Barrett & Hill, 918 Harrison St., San Francisco.

Bonds Voted
CITY HALL Cost, \$40,000
YUBA CITY, Sutter Co., Calif.
City Hall Bldg., containing administration offices, meeting chambers, police and fire department.
Owner—City of Yuba City.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
The City of Yuba City voted bonds July 26 in the amount of \$22,000 which proceeds, together with recently allotted PWA grant of \$18,000 will finance construction.

Preparing Preliminary Plans
SUB STATION Est cost, \$40,000
HEALDSBURG, Sonoma Co., Calif.
One-story reinforced concrete and steel electric sub station and utility shop building.
Owner—City of Healdsburg.
Architect—John Easterly, Santa Rosa and Healdsburg.

Application will shortly be filed for PWA grant to aid in financing construction.

14— RESIDENCE

Bids Being Figured—Bids Close
August 2, 5 P. M.
SORORITY HOUSE Cost, \$.....
BERKELEY, Alameda Co., Calif.
Construction of frame and stucco sorority house.
Owner—Kappa Alpha Theta.

Architect—Gardner A. Dailey, 210 Post St., San Francisco.
A. F. Mattock Co., 212 Clara St., San Francisco, is figuring plans and desires sub-bids not later than Aug. 1 on all portions of the work.

Preparing Working Drawings
RESIDENCE Cost, \$6000
SAN RAFAEL, SCSO, San Bruno Ave.
One-story frame and stucco residence (5 rooms); hardwood floors, wood sash, tile bath, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Segregated Contracts Awarded
RESIDENCE Est. Cost, \$9,000
SAN FRANCISCO. Greenwich and Leavenworth Streets.
Two-story frame and stucco residence (six rooms), composition roof, tile kitchen and bath, hardwood floors, etc.
Owner—Withheld.

Architect—Martin J. Rist, Phelan Bldg.

Grading—Rosenberg Bros., 50 Merlin Street.

Roofing—Alta Roofing Co., 976 Indiana Street.

Glass—S. F. Glass Co., 5234 Mission Street.

Ornamental Iron—Otto Selpel, 1079 Folsom Street.

Steel Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Streets.

Plumbing—Mike Desiano, 2453 Lombard Street.

Plastering—Chas. Terranova, 2315 9th Street.

Contract Awarded
RESIDENCE Cost, \$6000
SAN FRANCISCO. W. 31st Ave., 30 ft. S. Lincoln Way.
Two-story and basement frame residence.

Owner—J. E. Hassett, 1965 Page St.
Architect—Not given.
Contractor—T. J. Martin, 701 Parker Ave. 14

Contract Awarded
RESIDENCE Cost, \$8,000
SAN RAFAEL, Marin Co., Calif. J. and Fourth Streets.

One-story frame provincial French residence (two baths) roof shake, hardwood floors, wood sash, etc.

Owner—John Morton, San Rafael.
 Architect—H. H. Winner, Woods-
 worth Ave., Ross.
 Contractor—N. R. Nielsen, Rt. 1,
 Sausalito.
 (0375) 1st rep. Feb. 4; 3rd, July 8,
 1938.

Completing Working Drawings
 RESIDENCE Cost, \$.....
 SEBASTOPOLE, Sonoma Co., Calif.
 One-story frame and Redwood siding
 residence (five rooms) hardwood
 floors, tile bath, shingle roof, etc.
 Owner—Mrs. Fred Chase, c/o Archt.
 Architect—Clarence Caulkins, Rosen-
 berg Bldg., Santa Rosa.

July 25, 1938

CONTRACT AWARDED
 LOS ANGELES, Cal.—Lindgren &
 Swinerton, 605 W. Olympic Blvd., Los
 Angeles, awarded contract for con-
 struction of the residential section
 of Wyvernwood, the rental housing
 and business district project to be
 built on a 72-acre tract of land
 bounded by 8th St., Soto St., Olymp-
 ic Blvd. and Grande Vista St., for
 the D. Herbert Hostetter Estate; J.
 S. Griffith, manager. Construction
 is scheduled to start during the first
 week of September, the first group
 of units to be ready for occupancy
 by Christmas and the entire residen-
 tial plant to be completed in June,
 1939. The residential part of project
 will consist of 142 buildings, housing
 1102 units and 4443 rooms. About
 \$3,250,000 will be expended on the
 residential district and another \$3,-
 000,000 on the development of the
 business district. Contract for the
 construction of the business district,
 landscaping and other phases of the
 work will be awarded later. Witmer
 & Watson, 903 Architects Bldg., are
 the architects. * 14

Bids In — Held Under Advertisment
 RESIDENCE Cost, \$.....
 PIEDMONT, Ala. Co., Calif., Sain
 James Wood.
 Two-story frame and stucco resi-
 dence; hardwood floors, tile
 baths, etc.
 Owner—Withheld.
 Architect—Miller & Warnecke, 1700
 Financial Center Bldg., Oakland.

Plans Being Figured
 RESIDENCE Cost, \$8500
 OAKMORE, Ala. Co., Calif.
 Two-story frame and stucco resi-
 dence (7 rooms) hardwood floors,
 tile baths, etc.
 Owner—Wilbur Long, c/o Architect.
 Architect—Irwin M. Johnson, 2219 7th
 Ave., Oakland.

Bid opening date tentatively set
 at July 30. Plans being figured by a
 selected list of contractors.

Completing Working Drawings
 RESIDENCE Cost, \$14,000
 SAN FRANCISCO, St. Francis Woods
 District.
 Two-story and basement Colonial
 type residence (7 rooms), hard-
 wood floors, composition shingle
 roof, Redwood siding, tile baths,
 wood sash, double garage.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333
 Kearny St., San Francisco.

PLANS BEING FIGURED
 SAN FRANCISCO.—Until August
 & Architect—Paul R. Williams, 3539
 Washire Blvd., L. A. Is taking bids
 from a selected list of contractors
 for a 2-story, 9-room dwelling to be
 built in St. Francis Wood, San Fran-
 cisco, for Dr. Victor M. Dillon; frame
 construction, brick veneer and stucco
 exterior, shingle roof, wood sash,
 hardwood and lino. floors, tile baths,
 gas unit heating system, garage.
 Contractors figuring plans are: H.
 Papenhausen, 595 Victoria St.; D. B.

Gladstone, 557 Market St.; Jacks &
 Irvine, 620 Market St.; all of San
 Francisco. * 14

Low Bidder
 RESIDENCE Cost, \$.....
 SAN FRANCISCO, Twin Peaks Ter-
 race.

Two-story frame and stucco and
 stone veneer residence (7 rooms,
 2 baths), with detached two-car
 garage, with apartment above
 containing four rooms and bath,
 composition roof, hardwood flrs.,
 tile baths, forced-air heating in
 residence and gravity heat in
 apartment.

Owner—Edward J. Walter, c/o Archt.
 Architect—Angus McSweeney, 604
 Mission St.
 Low bidder—W. C. Tait, 883 Mar-
 ket St., S. F.

Low Bidder
 DUPLEX Cost, \$.....
 SACRAMENTO, Calif.
 Frame and stucco duplex residence.
 Owner—Mrs. Josephine Rolufs, c/o
 Architect.
 Architect—Herbert Goodpastor, Mitau
 Bldg., Sacramento.
 Low Bidder—N. H. Lund, 2241 9th
 Ave., Sacramento.

Contract Awarded
 RESIDENCES Est. cost \$43,000
 MARYSVILLE, Yuba Co., Calif. Col-
 lege View Park.
 Ten 1-story frame residences (5 and
 6 rooms), hardwood floors, tile
 baths, wood sash, etc.
 Owner—Marysville Homes, Inc.
 Architect—Herbert Goodpastor, Mitau
 Bldg., Sacramento.
 Contractor—C. A. Otto, 1029 H St.,
 Marysville.

Preparing Preliminary Plans
 RESIDENCE Est. cost \$8000
 SAN LEANDRO, Ala., Co., Calif.
 One-story rustic residence (8 rooms)
 single roof, hardwood floors, tile
 baths, etc.
 Owner—Withheld.
 Architect—Geo. P. Simonds, 80 Main
 St., Hayward.
 Upon completion of plans general
 bids will be asked.

Under Construction
 RESIDENCES
 ALAMEDA, Calif.—Ten-acre site in
 Fenside District, between Frem-
 ont Drive Extension and Ver-
 sailles Ave.
 Seven residences now under construc-
 tion of eventual 75 five, six and
 seven-room residences.
 Owner and builder—George Windsor,
 11 Sharon Ave., Piedmont.
 Architect—Irwin M. Johnson, 2219
 7th Ave., Oakland.
 Cost of complete project estimated
 at \$500,000.

Plans Being Figured — Bids Close
 August 3, 5 P. M.
 RESIDENCE
 BURLINGAME HILLS, San Mateo
 Co., Calif.
 Two-story modern residence (6 rms.,
 2 baths), hardwood floors, tile
 bath, wood sash, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third
 Ave., San Mateo.

Plans are being figured by the fol-
 lowing selected list of contractors:
 C. W. Kemper, 125 Bryant St.,
 Palo Alto.
 R. A. White, 744 Crossway Road,
 Burlingame.
 C. J. Pedersen, 734 Prospect Row,
 San Mateo.
 H. T. Holsher, 325 Elm St., San Ma-
 teo.
 Langfield & Olund, Ltd., 220 3rd
 Ave., San Mateo.

Completing Working Drawings
 RESIDENCE Est. cost \$4000 ea.
 DUMBARTON PARK, San Mateo Co.,
 Calif.

Six one-story frame and stucco resi-
 dences (4 and 5 rooms each);
 hardwood floors, tile baths, etc.
 Owner and builder—H. P. Hoyt, 325
 Fremont St., San Francisco.
 Plans by owner.

Completing Working Drawings
 RESIDENCES
 HILLSBOROUGH, San Mateo Co.,
 Calif.
 Two one-story frame and stucco resi-
 dences (hardwood floors, tile
 baths, wood sash, etc).
 Owner—Withheld.
 Architect—Mario Corbett, 72 3rd Ave.,
 San Mateo.

Completing Working Drawings
 RESIDENCE Cost, \$.....
 MODESTO, Stanislaus Co., Calif.
 One - story frame and stucco resi-
 dence (6 rooms) electric through-
 out, hardwood floors, linoleum in
 baths, etc.
 Owner—E. Plummer, c/o Architect.
 Architect—Russell G. de Lappe, 1901
 Downey Ave., Modesto.
 Plans will be completed and gener-
 al bids asked next week.

Completing Working Drawings
 RESIDENCE Cost, \$.....
 MODESTO, Stanislaus Co., Calif.
 One - story and basement frame and
 stucco residence (7 rooms) plaster
 interior, hardwood floors, etc.
 Owner—W. Poulouf, c/o Architect.
 Architect—Russell G. de Lappe, 1901
 Downey Ave., Modesto.
 Plans will be completed and gener-
 al bids asked in about one week.

Plans Being Figured—Bids Close
 August 2, 2 P. M.
 RESIDENCE Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 Vendome Grounds.
 One - story frame and stucco resi-
 dence (7 rooms) hardwood floors,
 tile bath, wood sash, etc.
 Owner—Wm. Jung, c/o Architect.
 Architect—Charles McKenzie, Twoby
 Bldg., San Jose.

Plans being figured by a selected
 list of contractors to be announced
 shortly.

Plans Completed
 RESIDENCES
 SAN FRANCISCO, Sunset District.
 Eleven one-story frame and stucco
 residences (5 rooms ea.); hard-
 wood floors, tile baths, wood sash,
 etc.
 Owner and builder—Standard Bldg.
 Co., 1500 Judah St., San Fran-
 cisco.
 Architect—D. E. Jackle, 126 Post St.

Plans Being Figured—Bids Close
 August 2, 5 P. M.
 SORORITY HOUSE Cost, \$.....
 BERKELEY, Alameda Co., Cal. Du-
 rant Avenue.
 Three-story frame and stucco sor-
 ority house (30 rooms) interior
 plaster over bottom lath, warm
 air heating system, shingle tile
 roof, tile baths, hardwood floors.
 Owner—Kappa Alpha Theta.
 Architect—Gardner A. Dailey, 210
 Post St., San Francisco.

Plans are being figured by the fol-
 lowing selected list of contractors:
 A. F. Mattock Co., 212 Clara St.,
 San Francisco.
 G. P. W. Jensen & Sons, Inc., 320
 Market St., San Francisco.
 J. R. Armstrong, 1131 Fleet Road,
 Oakland.
 J. M. Walker, 401 Spruce Street,
 Berkeley.
 Frank G. Appelbe, 1067 Walker
 Ave., Oakland.

Plans Completed
RESIDENCES Est. Cost, \$5000
WALNUT CREEK, Contra Costa Co., Calif. Gregory Lane.

Three one-story frame residences (5 rooms each) shake roofs; wood exteriors, hardwood floors, tile baths, wood sash, garages.

Owner & Builder—L. E. Fairchild. Architect—D. E. Jaekle, 126 Post St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, \$20,000
SAN FRANCISCO, Twin Peaks District.

Three-story residential flats containing one 5-rm., one 4-rm., and two 2-rm. apts.

Owner—Withheld. Architect—Albert H. Larsen, 333 Kearny Street.

Plans will be completed and bids asked in about one week.

Contract Awarded
RESIDENCE Cost, \$9000
SAN MATEO, Calif., Lot 12, Blk. 17, Virginia St.

Two story frame and stucco residence.

Owner—F. F. Palmerlee, c/o Cont. Architect—Angus McSweeney, 604 Mission St., San Francisco.

Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

15— SCHOOLS

BIDS WANTED
ORANGE CO., Cal.—(Anahelm)—Until Aug. 4, 7 P. M., (bids to be opened at 7:30 P. M.), bids will be received by Anaheim Elementary School Dist. for rehabilitation of the present one-story, 12-unit, George Washington School. Estimated cost \$39,000. Plans obtainable from Architects Marsh, Smith and Powell, 508 Architects' Bldg., L. A., upon deposit of \$20; 5% to accompany bid. 15

CONTRACT AWARDED
LOS ANGELES, Calif.—W. J. Shirley, 1724 S. Vermont Ave. (RE 7401), was awarded general contract by L. A. Board of Education, at \$54,404, accepting alternate bid, for completion of construction of Holmes Hall, L. A. Junior College, 855 N. Vermont Ave. Allison and Allison, architects, 1015 Edison Bldg.; F. N. Ropp, structural engineer; E. L. Ellingwood, mechanical engineer. 15

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—Until Aug. 2, 8 P. M., bids will be received by the Beardsley School District, Bakersfield, for furnishing and installing Venetian blinds in the new primary bldg. and cafeteria and music room extension at the Beardsley School. Bidding data may be obtained from Architect Stanton Willard, 1314 17th St., Bakersfield. 15

Bonds Voted
JUNIOR COLLEGE ADDITIONS.
SANTA ROSA, Sonoma Co., Calif. Cost, \$300,000.

Addition of four units at the Junior College to contain administration offices, library, assembly hall and music rooms, agricultural depts. and shops.

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Cankins, Rosenberg Bldg., Santa Rosa.

The school district voted bonds July 18 in the amount of \$165,000, which proceeds together with expected PWA grant of \$135,000 will finance construction.

CONTRACT AWARDED
COALINGA, Fresno Co., Calif.—F. L. Good, 135 W. Durlan St., Coalinga, at \$2,410, awarded contract by the Coalinga Elementary School District (Annie E. Cheney, Clerk), for construction of a Temporary Classroom Building located on the present Polk Street School site. 15

Funds Asked
SCHOOL BLDG. Est. cost \$58,831
LODI, San Joaquin Co., Calif. Lodi Union High School.
 Construction of Agricultural-Science classroom building.
Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Application filed for PWA grant to aid in financing; balance of funds to be drawn from general tax.

Bids Rejected
ALTERATIONS
SAUSALITO, Marin Co., Calif. 429 North Street.
 Repair and alterations to the South School.

Owner—City of Sausalito. Architect—Walter T. Steilberg, 85 Second Street, San Francisco.

The school board rejected all bids received July 15, at which time V. Maggiora Sausalito, submitted low bid at \$7,257.80.

Bids Rejected
RECONSTRUCTION
SAUSALITO, Marin Co., Cal. Litho, Bee and Caledonia Streets.
 Reconstruction of the Central School.
Owner—City of Sausalito.
Architect—Walter T. Steilberg, 85 Second Street, San Francisco.

The school board rejected all bids received July 15, at which time A. Nelson, Inc., San Francisco, submitted low bid at \$91,312.

The project will be expanded to \$54,545 and application filed for PWA grant, to supplement bonds recently voted in the amount of \$30,000.

Preparing Working Drawings
ADDITION Cost, \$.....
PACIFIC GROVE, Monterey Co., Cal. One-story frame addition to the high school to contain boys' locker rooms and toilet rooms.

Owner—Pacific Grove High School District.

Architect—W. O. Raiguel, Box 549, Monterey.

BIDS WANTED
PLANADA, Merced Co., Calif.—Until August 4, 2 P. M., bids will be received by the Planada School District, Mrs. Louise B. Reese, Clerk, for construction of a one-room addition to Planada Grammar School, at Planada.

Plans and specifications on file with the clerk of the school board. 15

NEW BIDS WANTED
SAN FRANCISCO—Until August 3, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for alterations to classroom at Girls' High School, Scott and Geary Sts. Est. cost \$2400.

Bids received July 20 were rejected. Peter Sartorio, San Francisco, at \$2,088 submitted low bid. 15

BIDS OPENED
OVERTON, Nevada.—P. S. Webb, Boulder City, Nev., submitted low bid to Educational District No. 1, Clark County, Nev., at \$150,793, for alterations and improvements to the present district high school bldg. and the construction of a separate gym building at Overton; also alter-

ations and improvements to the present high school building and the construction of a separate gym building at Bunkerville. Miles E. Miller, architect, 316 Felt Bldg., Salt Lake City. Vincent & Peterson, Salt Lake City, bid \$195,700, and J. J. Burke, Salt Lake City, bid \$230,604. The bids exceeded the appropriation. 15

Contract Awarded
SAUSALITO, Marin Co., Calif. — V. Maggiora, 15 Harrison Ave., Sausalito, at \$3,333.50 submitted only bid and was awarded contract by the Sausalito School District, S. G. Ratto, Clerk, for performing certain work on the grounds of Central and South Schools, Sausalito. 15

Sub-Contracts Awarded
JUNIOR COLLEGE Cost, \$165,000
SAN MATEO, San Mateo Co., Calif. Peninsula Ave. and N. Delaware. First unit of new junior college (2-story fireproof science building).
Owner—San Mateo Junior College and High School District.

Architect—H. A. Thomsen (successor to George W. Kelham, 315 Montgomery St., San Francisco).

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—Monson Bros., 475 Sixth St., San Francisco.

Grading—Sibley Grading & Teaming Co., Ltd., 165 Landers St.

Misc. Iron—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts.

athing and Plastering—Fatta & Rinaldi, 2247 Fibert St., Oakland.

Sash Hardware—MacDonald Hardware Co., 963 Harrison St.

Mill—Pacific Mfg. Co., Santa Clara. Metal Lockers—Lyon Metal Products Inc., 582 Market St.

All of S. F., unless otherwise noted.

Bond Election
SCHOOLS Cost, \$494,000
VALLEJO, Solano Co., Calif.
 New Lincoln School (\$190,000); additions to Charles F. Curry School (\$74,000); addn. of science bldg. and equipment (\$308,000), and girls' physical education building (\$94,690) at Senior High School; and additions and alterations at Roosevelt School (\$18,000).

Owner—Vallejo Unified School Dist. Elmer Cave, Supt. of Schools.

Architect—John J. Donovan, 950 Parker St., Berkeley.

The school district will vote Sept. 14 on a proposal to issue bonds in the amount of \$485,000 to finance construction. If PWA grant of \$225,000 now on file is allotted, only \$275,000 will be issued in bonds. (1692) 1st report Mar. 9, 1937; 5th,

Funds Allotted
ADDITIONS Est. cost, \$381,800
SALINAS, Monterey Co., Calif.

First, second and third unit additions to Junior College and Agricultural building, cafeteria and Science building additions at the high school.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kelberg, 320 Market St., San Francisco.

PWA grant of \$171,810 allotted. First unit, consisting of addition of five classrooms and offices (est. cost \$30,000) at the Junior College, will be advertised for bids in about one week. Plans for second unit addition at the Junior College and, Agricultural building at the high school are now in Sacramento awaiting approval of State Division of Architecture. Plans are being completed on balance of work.

BIDS WANTED

KERNVILLE, Kern Co., Calif.—Until Aug. 4, 8 P. M., bids will be received by the Kernville Union School District for the following: Furnish and install linoleum flooring; cover; furnish and install Venetian blinds and roller shades; furnish and install stage curtain and stage equipment. Bidding data may be obtained at the office of Architect Stanton Willard, 1314 17th St., Bakersfield. * 15

BIDS WANTED

KERNVILLE, Kern Co., Calif.—Until Aug. 4, 8 P. M., bids will be received by the Kernville Union School District for furnishing and installing steel post and steel fabric fence. Bidding data may be obtained from Architect Stanton Willard, 1314 17th St., Bakersfield. * 15

Contract Awarded

Cont. Price \$54,892

ADDITION

AVENAL, Kings Co., Calif. Avenal Branch of Lemoore High School. Construction of cafeteria addition to main school building and doubling size of present shop bldg. Owner—Lemoore Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.
Contractor—N. H. Sjoberg & Son, 5604 E. 16th St., Oakland.

Bids received with two alternate proposals, both deductions; however, contract was awarded on basic bid only.

Complete bids follow:
N. H. Sjoberg & Son, Oakland, \$54,892 (a) \$3,525 (b) \$5,202.
Central California Construction Co., S. F., \$55,383 (a) \$3,222 (b) \$3,700.
E. C. Freye, Porterville, \$58,972 (a) \$3,222 (b) \$4,950.

Bid submitted by W. J. Ochs, Fresno, was disqualified.

Funds Allotted

ADDITION Cost \$21,800
MONTEREY CO., Cal., near Soledad. Mission Grammar School.

Addition of two classrooms and enlarging auditorium (frame and stucco construction).
Owner—Mission Grammar Sch. District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Bonds in the amount of \$12,000 were recently voted.
PWA grant of \$9,810 allotted.

Completing Plans

ADDITION Cost \$.....
GEYSERVILLE, Sonoma Co., Calif. Addition of classroom at grammar school.

Owner—Geyserville Grammar School District.
Architect—John Easterly, Healdsburg & Santa Rosa.

Plans will be completed and bids asked within a few days.

Funds Allotted

SCHOOL Est. cost, \$174,121
NILES, Ala. Co., Calif., Second and One-story school building to contain ten classrooms, toilet rooms, library, administration office and auditorium to seat about 400.

Owner—Niles School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Grant allotted in the amount of \$78,355. Plans forwarded to State Division of Architecture for approval.

Funds Allotted

SCHOOL BLDGS. Est. cost \$208,080
SAN RAFAEL, Marin Co., Calif. Construction of two one-story frame and stucco buildings and two two-story buildings with lower

story of concrete and upper story of frame and stucco; also alterations and additions to two existing bldgs. and mechanical facilities for two other buildings, grading and sidewalk, equip.

Owner—City of San Rafael School District (Oliver Hartzell, superintendent of Schools).

Architect—N. W. Sexton, 1602 De Young Bldg., San Francisco.

PWA grant of \$93,636 allotted, which, together with \$105,000 bond issue recently voted will finance construction. Plans and specifications are now awaiting approval of State Division of Architecture.

Sub-Contracts Awarded

GYMNASIUM Cost, \$.....
HAYWARD, Alameda Co., Calif.

One- and part two-story frame and stucco girls' gymnasium and health center at the Hayward High School.
Owner—Hayward Union High School District.

Architect—H. C. Smith, 3867 Sacramento St., San Francisco.

Supt. of Const.—J. J. Thorup, care Hayward Un. High School Bldg.
PLUMBING—Hayward Plumbing Co., 1075 "A" St., Hayward.

Electric Wiring—Frank Elec. Store, 505 Main St., Hayward.

Iron Grille Work—C. Frauender, 335 Eighth St., Oakland.

Lumber—Quist Bros. & Co., 751 D St., Hayward.

Mill Work—Hayward Mill & Lumber Co., 1 Castro St., Hayward.

Bids Wanted — To Close August 10, 11 A. M.

GLASSHOUSE & YARD
BERKELEY, Ala. Co., Calif., Campus of the University of California, (Oxford Block).

Erection and completion of a glasshouse and yard.

Owner—Regents of the University of California, Berkeley.

Plans by Engr. Dept. of Grounds and Bldg. Dept.

Plans and specification may be obtained at the office of the Comptroller, Window 1, First Floor, California Hall, University of California, Berkeley, upon deposit of \$10. * 15

Bond Election

ADDITION Est. cost \$95,995
GRASS VALLEY, Nevada Co., Cal. Addition to classrooms to grammar school.

Owner—Grass Valley Grammar Sch. District.

Architect—Harry Devine, Cronan Bldg., Sacto.

The school district will vote Aug. 12 on a proposal to issue bonds in the amount of \$50,000, which proceeds, together with expected PWA grant will finance construction of addition.

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—J. Catucci, 1212 18th Avenue, at \$2,062 awarded contract by the Oakland Board of Education for conditioning athletic fields at Fremont, Castlemar, Oakland, San Leandro, Technical, University and Roosevelt High Schools. * 15

Funds Allotted

ADDITION
SALINAS, Monterey Co., Calif. Three classroom addition to the Santa Rita School.

Owner—Santa Rita School District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

PWA grant of approx. \$13,900 recently allotted to aid in financing construction.

Bonds Voted

SCHOOL ADDITION Cost \$.....
PLACERVILLE, Eldorado Co., Cal. Addition to the high school to contain gymnasium, science room and cafeteria.

Owner—El Dorado County High Sch. District.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

The El Dorado County High Sch. District voted bonds July 26 in the amount of \$95,000, proceeds to finance construction.

Bond Election

ADDITION Est. cost \$40,000
COLUSA, Colusa Co., Calif. Addition to contain six classrooms at the grammar school.

Owner—Colusa Elementary School District.

Architect—Starks & Flanders, Bank of America Bldg., Sacto.

The school district will vote today on a proposal to issue bonds in the amount of \$25,000, which proceeds, together with expected PWA grant will finance construction.

Bond Election

ADDITION
GONZALES, Monterey Co., Calif.

One-story addition of three classrooms at grammar school.

Owner—Gonzales Grammar School District.

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

The school district will vote Aug. 16 on a proposal to issue bonds in the amount of \$20,000 proceeds to aid in financing construction. Application filed for PWA grant.

Bids Wanted — To Close August 3, 11 A. M.

LABORATORY BLDG. Est. Cost \$108,000

DAVIS, Yolo Co., Calif.

Construction of an Ecology Bldg., on the campus of the Branch of the College of Agriculture.

Owner—Regents of the University of California, Berkeley.

Plans by Engr. Dept. of Grounds & Building Dept.

Separate bids will be received for (1) general construction (2) heating and plumbing (3) electrical work (4) refrigeration and/or insulation (5) hydraulic lift and dumbwaiter.

A deposit of \$50 is required for general construction plans and specifications; \$25.00 for all others and may be obtained at the office of the Comptroller, University Farm, Davis, or Cashier's window, California Hall, University of California, Berkeley, Calif.

Funds Allotted

SHOP BLDG. Est. cost \$6,262
SUISUN CITY, Solano Co., Calif.

Addition of Manual training shop at the Crystal grammar school and alterations to classroom.

Owner—Suisun City Grammar School District (J. J. Finney, Principal).

Architect—Not given.

PWA grant of \$2,911 allotted to aid in financing construction.

Bids Wanted — To Close August 11, 8 P. M.

ADDITION Est. cost, \$6,500
RIO VISTA, Solano Co., Calif.

One-story frame addition to present shower room to consist of instructors' offices, girls' showers, and visiting team showers.

Owner—Rio Vista Joint Union High School District (Mrs. Duncan McCormack, Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications obtainable from the architect's office and from the office of the Principal of the high school.

Bonds Voted
SCHOOL Cost, \$250,000
OAKDALE, Stanislaus Co., Cal. West of Laurel Avenue bet. Magnolia and Poplar Streets.

One-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.

Owner—Oakdale Elementary School District (J. J. Berry, Supt.)
 Architects—Frank W. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

The school district voted bonds July 25 in the amount of \$155,000, which proceeds, together with recently allotted PWA grant of \$126,801, will finance construction.

Plans will be completed and bids asked about the later part of August.

CONTRACTS AWARDED

DINUBA, Tulare Co., Calif.—Gill-Mann Co., 160 2nd St., San Francisco, at \$8,273.27 for stage equipment; Mathis & Bolinger, 129 N. L Street, Dinuba, at \$4,138.54 for auditorium seating; B. A. Newman & Co., 320 N. H Street, Fresno, at \$1,692 for temperature control system, and American Electric Co., 462 Bryant St., San Francisco, at \$1,253 for portable stage equipment, awarded contracts by the Dinuba Joint Union High School District, W. J. Liebau, Clerk.

Only other bids were submitted for auditorium seating as follows: Gruwell, Wilcos, Roger, Los Angeles, at \$4,400 and Gill-Mann Co., S. F., at \$4,420. * 15

CONTRACT AWARDED

SAN FRANCISCO—Inlaid Floor Co., 600 Alabama St., at \$73 awarded contract by the Dept. of Public Works, City Hall, for sanding floors at George Peabody School. * 15

BIDS WANTED

SOUTH WHITTIER, Los Angeles Co., Calif.—Until Aug. 10, 7:30 P. M., bids will be received by the South Whittier Elementary School District for reconstructing an auditorium, office and classroom bldg. at the South Whittier elementary school. Est. cost \$30,000. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., L. A. * 15

16—BANKS, STORES AND OFFICES

Sub-Contracts Awarded

STORES Cost, \$.....
MONTEREY, Calif.
 One-story frame building to contain three stores.

Owner—Mr. Hysen.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Contractor—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.

Plumbing, Heating & Sheet Metal—Barton Oil-O-Matic Co., 635 Cass St., Monterey.

Electric Wiring—Tice Electric Shop, 379 Alvarado St., Monterey.

Grading—M. J. Murphy, Inc., Carmel.
Lumber & Mill—The Work Lumber Co., David & Lighthouse Aves., Monterey.

(251) 1st rep. July 15, 1938. 16

Bids Opened

STORE BLDG.
STOCKTON, San Joaquin Co., Calif. Weber and American Streets.
 One-story and basement brick store building (100x100-ft.)
 Owner—Turner Hardware Company, c/o Architects.

Architect—J. U. Cloudsley, Exchange Bldg., and Eric Johnson, 41 South Sutter St., Stockton.

Low bidder—O. H. Chain, 41 S. Sutter, Room 217, Stockton, \$49,281.

Complete bids were:
 O. H. Chain, Stockton, \$49,281.
 Shepard & Green, \$49,769.
 C. H. Dodd, \$50,766.
 S. C. Giles, \$50,889.
 J. A. Allen, \$51,584.
 T. E. Williamson, \$51,690.
 C. E. Totten, \$53,924.
 Samuel Eyre, \$54,200.
 E. Merlo, \$54,500.
 All of Stockton. * 16

To Be Done By Days Work

OFFICE Cost, \$6000
SAN FRANCISCO, S. Williams Ave., 69 ft. W. 3rd Street.

One-story Class C office and loft.
 Owner and Builder—Louis Johnson, 666 Mission St.
 Engineer—H. A. Emerick, 1280 Indiana St. 16

Contract Awarded
ALTERATIONS Est. cost \$20,000
VALLEJO, Solano Co., Calif.

General alterations to present bank building.
 Owner—Mechanics — Merchants National Bank of Vallejo.

Architect—H. H. Winner, Wordsworth Ave., Ross.
 Contractor—James Bitcon, 628 Louisiana St., Vallejo.

Terra Cotta Ctile—Gladding McBean & Co., Harrison at 9th St., S.F.

Contract Awarded
STORE BLDG. Cost, \$.....
OAKLAND, Alameda Co., Cal. 15th and Webster Streets.

One-story concrete and steel store building.
 Owner—S. S. Herrick Co., c/o Arch.
 Architect—Miller and Warnecke, 1700 Financial Center Bldg., Oakland.
 Contractor—E. T. Leiter Sons, 811 37th St., Oakland.

Contract Awarded
MEDICAL BLDG. Cont. Pr., \$13,935
PETALUMA, Sonoma Co., Cal.

One-story frame medical building.
 Owner—C. C. Boyson.
 Architect—George H. Wlemeyer, 605 Market St., San Francisco.
 Contractor—John H. Frahm, 110 Mt. View Avenue, Petaluma.

July 25, 1938
Plans Being Figured
MEDICAL BLDG. Cost, \$250,000
RENO, Nevada. Island Avenue and Rainbow St.

Four-story steel frame Class B. office building.
 Owner—Hood Investment Co., (Dr. A. J. Hood), Reno.
 Architect—Douglas F. D. Stone, 381 Bush St., San Francisco.

Plans are being figured by a selected list of contractors. No definite bid opening date set.

Preparing Working Drawings
BANK East cost \$500,000
BERKELEY, Alameda Co., Cal. Millvia and Center Streets.

Five-story and basement, reinforced concrete, Class B Federal Land Bank and office building. (172x100).

Owner—Farm Credit Administration.
 Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.
 Upon completion of plans general bids will be asked.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Wieland Bros., 919 1/2 Eye St., Modesto, awarded contract for altering and adding to a one-story and basement store building at 844 10th St., Modesto.

to, for the J. J. Newberry Co. Est. cost, \$33,000. Norstrom & Anderson, architects, 422 Insurance Exchange Bldg., Los Angeles. 16

Bids In—Held Under Adversment.

STORE BLDG. Cost \$.....
STOCKTON, San Joaquin Co., Calif. Weber and American Streets.

One-story and basement brick store building (100x100-ft.)
 Owner—Turner Hardware Company, c/o Architects.

Architect—J. U. Cloudsley, Exchange Bldg., and Eric Johnson, 41 South Sutter St., Stockton.
 Announcement shortly.

Plans Being Figured

BANK Est. cost, \$35,000
CARMEL, Monterey Co., Cal. Ocean Avenue and Dolores St.

One-story and basement reinforced concrete, Class C, bank building.
 Owner—Bank of Carmel.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Plans are being figured by the following two contractors only:
 Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove.
 A. C. Stoney, Box 324, Carmel.

Bids will be opened the latter part of this week.

Bids In—Held Under Adversment.

BANK Cost, \$.....
JACKSON, Amador Co., Cal. Main Street.

One-story and mezzanine modern bank bldg. (reinforced concrete construction, central heating and ventilating system, modern low type banking fixtures, etc.; 40-ft. frontage, 5,000 sq. ft.)
 Owner—Capital Company, 625 Market St., San Francisco.

Plans prepared by Construction Department of Owner.
 Announcement shortly.

Contract Awarded
STORE BLDG. Cost \$30,000
SANTA CRUZ, Santa Cruz Co., Cal. Pacific and Walnut Avenues.

One-story reinf. concrete store bldg. (52x120-ft.)

Owner—Frederick C. Benner. Lessee—J. J. Newberry Company.
 Architect—Wm. W. Wurster, 260 California St., San Francisco.
 Contractor — Darrow Palmer, 254 Branciforte Avenue, Santa Cruz.

CONTRACT AWARDED

SAN DIEGO, Calif.—Wm. P. Neil Co., 4814 Loma Vista Ave., L. A., at \$35,200, submitted low bid and awarded contract by the Public Works Officer, 11th Naval District, San Diego, for construction of concrete bulkhead and timber ramp at Naval Operating Base (Air Station), San Diego, Spec. 8872. The work consists in general of the provision of materials for and the construction of (a) an inclined creos timber sea-plane runway, 40 ft. wide, extending outboard over and into the water a distance of approx. 201 ft. and (b) section of concrete bulkhead wall approx. 800 ft. long. The work on the runway includes stringers, deck planking, guard rails, etc., all secured together and to the timber piles with galv. straps, bolts, spikes and misc. iron work. The work on the bulkhead wall includes untreated timber piles for foundation and concrete materials for super-structures.

Bids were received on:
 (1) Work complete;
 (2) 735 ln. ft. bulkhead;
 (3) Seaplane runway.
 The complete bids were:
 Wm. P. Neil Co., L. A., (1) \$33,200.
 Daley Corp., San Diego, (1) \$34,567.
 E. Larsen, San Diego, (1) \$36,300.
 (2) \$21,500. (3) \$19,500.
 M. H. Golden, San Diego, (1) \$36,000.

800, (2) \$18,900, (3) \$18,900.

V. R. Dennis Construction Co., San Diego, (1) \$36,488, (2) \$19,889, (3) \$19,199.

Thorston and Dahl, L. A., (1) \$42,810, (2) \$23,653, (3) \$19,357.
Case Construction Co., San Pedro, (1) \$46,200.

Shannahan Bros., Huntington Park, (1) \$48,959, (2) \$31,245, (3) \$17,714.
Chas. and F. W. Steffgen, (3) \$16,299.

Lipscomb and Barclay, (3) \$17,473.
E. G. Carroll, San Diego, (2) \$20,-

17— THEATRES

PLANS BEING FIGURED

RIVERSIDE, Riverside Co., Calif.—Architect S. Charles Lee, 1648 Wilshire Blvd, L. A., will take bids from a selected list of contractors today, or a motion picture theater, store and office bldg., to be built on the SW cor. of Market and 12th Sts., Riverside, for Hunt, Theaters and Fox West Coast Theaters. Est. cost \$180,000. Bids will be submitted Aug. 9. * 17

18— WHARVES & DOCKS

Bids Wanted — To Close August 4, 2 P. M.

RECONSTRUCTION. Pier 48 and Pier 50, Embarcadero.

Reconstruction of South Apron at Pier 48 and north Apron at Pier 50, damaged by fire.

Owner—State of California (Board of Harbor Commissioners), Ferry Building.

Engineer—Frank G. White, Ferry Building.

Plans and specifications obtainable at the office of the Board in the Ferry Building upon deposit of \$10.

19—MISC. CONSTRUCTION

BIDS WANTED

SAN FRANCISCO.—Until August 10 2:30 P. M., bids will be received by the S. F. Department of Public Works, Room 251, City Hall, for furnishing and driving piles at Aquatic Park, Polk & Beach Streets, San Francisco. Estimated cost \$3,000.

Work involves:

- (1) All work;
- (2) Pull or break off Estuary piles at mudlines;
- (3) Furnish and drive new piling and furnishing and installing, capping, and bracing, dismantling and installing boat aprons;
- (4) Unit price. Add or deduct per foot for piles over or less than 45-ft. long.

Plans and specifications may be obtained from C. H. Sawyer, City Architect, 265 City Hall. * 19

Plans Completed

CLUB HOUSE Est. \$18,000
OAKLAND, Alameda Co., Cal. Temescal Park.

Two-story concrete and frame rustic type recreation club house (30x 70-ft.).

Owner—East Bay Regional Park District.

Architect—Williams & Wastell, 337 17th St., Oakland.

PWA grant recently allotted to finance construction. Plans are completed and bids will be asked shortly.

CONTRACT AWARDED

LOS ANGELES, Calif.—Pacific Electric and Mechanical Co., 707 S. Broadway, L. A., has been awarded a contract by the Metro-Goldwyn-Mayer Studios, at \$85,865, for underground feeders to stages and a new

power house to be built at the studios, 10,502 Washington Blvd., Culver City. They have also been awarded a contract at \$28,191 for electrical work for new processing stage No. 30 to be built at the studios. 19

COMPLETE BIDS

PORTLAND, Ore.—E. M. Gerttula, Kerville, Oregon, at \$590.00 submitted low bid to the U. S. Engineer Office, District Engineer, 626 Pittcock Block, Portland, under Bid No. 698-39-4, for constructing and delivering ready for service one work boat at Government Moorings, 8010 NW St. Helens Road, Portland.

Total bids follow:

E. M. Gerttula, Kerville..... \$590.00
Commercial Iron Works, Portland 698.00
Contracting Officers' estimate 700.00
19

CONTRACT AWARDED

SAN FRANCISCO.—Schrader Iron Works, Inc., 1247 Harrison St., at \$376, awarded contract by the State Harbor Board for fabrication and installation of steel bumper on car ferry apron on Pier 43. * 19

BIDS OPENED

OWYHEE PROJECT, Ore.—Ida—Vernon Bros. Co., Box 1737, Boise, Idaho, at \$26,748.50 submitted low bid to the U. S. Bureau of Reclamation, Boise, under Spec. No. 1094-D for construction of the Owyhee Ditch pumping plant and discharge pipe, Mitchell Butte Division, Owyhee project.

Total bids follow:

Vernon Bros. Co., Boise..... \$26,748.50
J. A. Terteling & Sons, Boise 28,090.50
G. E. Henly Const. Co., Ontario 28,772.25
H. L. Horn, Caldwell, Ida..... 33,764.00
Fife & Co., Nyssa, Ore..... 34,270.00
C. J. Montag & Sons, Ontario 40,213.00
Denten & Young, Nampa..... 41,023.50
19

BIDS WANTED

BONNEVILLE, Ore.—Until Aug. 8 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No. 694-39-8, for constructing and delivering afloat ready for service one 40-foot, wooden, gasoline motor-driven, twin screw, boat hull; fob Bonneville.

Plans and specifications may be obtained from the above office. 19

BIDS WANTED

LASSEN COUNTY, Calif.—Until August 1, 5:00 P. M., bids will be received by the Farm Advisor, Memorial Building, Susanville, acting for the Bogard Range Association, for the construction of a fence approximately 2½ miles in length in the Lassen National Forest, starting from the point near Gooch Mountain toward Slate Mountain. Wire and staples will be furnished by the Association. On July 27, all bidders will be required to report to the District Ranger at the Bogard Range Station where they will be shown over the locations. * 19

BIDS OPENED

PLACER COUNTY, Calif.—Continental Drilling Co., 924 E. Pico St., Los Angeles, at \$1,315, submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-4, for drilling, removing cores and

capping a minimum of five test holes, three vertical and two inclined, at the site of the proposed Ruck-A Chucky Dam for the storage of mining debris on the Middle Fork of the American River about 21 miles by road northeast of

Auburn.

Work involves:

- (1) 1 Job mobilization and demobilization of equipment;
- (2) 235 lf. core drilling in rock.

Complete bids follow:

Continental Drilling Co., 924 E. Pico St., L. A., (1) \$375, (2) \$4. Total \$1,315.

Sprague & Herwood, (1) \$1000, (2) \$3, total \$1705.

Cannon Bros., Compton, (1) \$100, (2) \$7, total \$1745.

Daniel G. Longtin, S. F., (1) \$100, (2) \$7, total \$1745.

R. S. McClintock, Spokane, (1) \$250, (2) \$6.75, total \$1836.25.

Milton A. Purdy, Oakland, (1) \$1705, (2) \$9.75, total \$3,996.25.

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 568-38-23, for (1) roofing asphalt and (2) additional lap cement; f.o.b. Pier No. 3, Army Transport Docks, Fort Mason.

Bids were:

Johns Manville Sales Corp., (1) \$346, (2) \$7.20, 2% 10th prox.

Paraffine Companies, (1) \$302, (2) \$7.09, 2% 10 days.

Zellerbach Paper Co., (1) \$252, (2) \$5.07, 2% 30 days.

Baker-Hamilton—Pacific Co., (1) \$256.90, (2) \$5.07, 2% 30 days.

W. P. Fuller & Co., (1) \$256.80, (2) \$5.07, 2% 30 days.

El Rey Products Co., (1) \$302, (2) \$6.63, 2% 10th prox.

Western Asbestos Co., (1) \$330, (2) \$7.15, 2% 30 days.

Standard Distributing Co., (1) \$252, (2) \$8.84, 2% 30 days.

Certain-Teed Products Co., (1) \$302, (2) \$6.50, 2% 30 days.

Dunhan Carrigan & Hayden Co., (1) \$256.80, (2) \$5.07, 2% 30 days.

Solbach & Nusbaum, (1) \$250, (2) \$5.85, 2% 30 days.

Pioneer Division, Flintkote Co., (1) \$302, (2) \$6.63, 2% 10th prox.

Gross Co., (1 and 2), \$277.97, 2% 30 days. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 50,000 bbls Portland cement in paper bags delivered f.o.b. cars at contractor's plant and/or L. A. county drainage area points. Invt. 3b, were opened by U. S. Treasury Engineer, L.A.

Bids received on:

(1) 20,000 bbls for L. A. River near Burbank;

(2) 30,000 bbls for L. A. River near West Glendale.

The bids were:

Southwestern Portland Cement Co., (1) \$1.84 bbl, \$36,800; (2) \$1.84 bbl, \$55,200; deliv. to job.

Monolith Portland Cement Co., disc. \$1.10 bbl. 30 days, (1) \$1.68 bbl, \$33,600; (2) \$1.63 bbl, \$48,900, f.o.b. Monolith.

California Portland Cement Co., (1) \$1.70 bbl, \$34,000; (2) \$1.70 bbl, \$51,000; f.o.b. cars, Colton.

Riverside Cement Co., (1) \$1.70, (2) \$1.70, f.o.b. Crestmore.

Graham Bros., (1) no bid, (2) \$1.90 bbl, \$57,000; deliv. to job.

BIDS OPENED

OAKLAND, Calif.—Steam and Plumbing Service Corp., 1385 Harrison St., San Francisco, at \$6,095.00, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Prop. No. 1054, for 50,000 lb. ft. 3/4-inch copper water service tubing.

Complete bids follow:
 Steam and Plumbing Service Corp., 1385 Harrison St., S. F., \$6,095.00.
 Crane Co., Oakland, \$6,115.00.
 Richmond Sanitary Co., Oakland, \$6,120.00.

Moran Plumbing Supply Corp., Oakland, \$6,125.00.
 Oakland Plumbing Supply Co., Oakland, \$6,145.00.
 Tay-Holbrook Inc., Oakland, \$6,215.00.

C. M. Smith, \$6,220.00.
 American Brass & Copper Co., Oakland, \$6,230.50.
 C. W. Marwedel, Oakland, \$6,275.00.
 Meyer & Wirthinger, Oakland, \$6,275.00.

Mueller Co., San Francisco, \$6,301.00.
 Walworth California Co., Oakland, \$6,374.00.
 Pacific Metals Co., Ltd., S. F., \$6,375.00.

Oakland Sheet Metal Supply Co., Oakland, \$6,375.00.
 Grinnell Co. of The Pacific, Oakland, \$6,435.00.

Dunhan, Carrigan & Hayden Co., S. F., \$6,500.00.
 Gilmore Steel & Supply Co., Inc., S. F., \$6,535.00.
 Succuman Metals & Supply Co., S. F., \$6,865.00.

BIDS OPENED

OAKLAND, Calif.—Following submitted identical bids at \$1660, 1% 10 days, 30 days net, to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 1056, for 20 tons of copper sulphate:
 Mountain Copper Co., Ltd., San Francisco.

Braun-Knecht-Helmann Co., S. F.
 Federated Metals Division American Smelting & Refining Co., S. F.

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2056, for furnishing track bolts and spikes for the Municipal Railway.

Bids taken on:
 (1) 25 kegs 3/4-inch by 4-inch track bolts.

(2) 100 kegs 9/16-inch by 5 1/2-inch track spikes.

(3) 25 kegs 1-inch by 4 1/4-inch track bolts.

Bids were:
 A. D. Shrader, (1) \$6.50, (2) \$4.40, (3) \$6.50, 2% 10th prox.

Hyman-Michels Co., (1) \$6.50, (2) \$4.40, (3) \$5.40, 2% 10th prox.

Columbia Steel Co., (1) \$7.02, (2) \$5.22, (3) \$7.02, net.

S. Gilmore Steel & Supply Co., (1) \$6.50, (2) \$4.40, (3) \$6.50, 2% 10th prox.

Baker Hamilton & Pacific Co., (1) \$6.50, (2) \$4.40, (3) \$6.50, 2% 10th prox.

Bethlehem Steel Co., (1) \$6.50, (2) \$4.40, (3) \$6.50, 2% 10th prox.

CONTRACT AWARDED

ALL AMERICAN CANAL.—Bethlehem Steel Corp., San Francisco, at \$19,027.34 awarded contract by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. B-42,085-A, for furnishing 374 tons steel reinforcement bars for the All American Canal.

BIDS OPENED

SAN FRANCISCO.—Following bids were received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-26, for 50 bbls. Portland cement; f.o.b. Pier No. 3, Army Transport Dock, Fort Mason, S. F.

Bids were:
 Consumers Rock & Cement Co., \$3, per bbl, 10c bbl. 30 days.

Henry Cowell Lime & Cement Co., \$3 per bbl, 2% 30 days.

Mission Bldg. Materials Co., \$3 per bbl, 2% 30 days.

Readymix Concrete Co. Ltd., \$2.66 per bbl, 2% 30 days.

C. Mazza Co., \$2.52 per bbl, 2 1/2c per sack, 30 days.

San Francisco Materials Co., \$3 per bbl, 2% 30 days.

Balboa Bldg. Materials Co., \$2.80 per bbl, 2% 30 days.

Gross Co., \$3 per bbl, 2% 30 days.

Bode Gravel Co., \$3.20 per bbl, 2% 30 days.

John Casarretto Co., \$3 per bbl, 2% 30 days.

Golden Gate Atlas Materials Co., \$3 per bbl, 2% 30 days.

BIDS OPENED

SAN FRANCISCO.—Following bids were received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-27, for (1) 2,000 feet steel pipe and (2) 4 lengths asbestos-cement pipe; f.o.b. Battery Davis, Fort Funston.

Bids were:
 Western Asbestos Co., (2) \$94.52, 2% 30 days.

Tay-Holbrook Inc., (1) \$147, (2) \$116.56, 2% 30 days.

Walworth-California Co., (1) \$147, 2% 30 days.

Crane Co., (1) \$147, 2% 30 days.

Richmond Sanitary Co., (1) \$147, 2% 30 days.

Petroleum Equipment Co., (1) \$147, (2) \$109.20, 2% 30 days.

Johns-Manville Sales Corp., (2) \$109.20, 2% 10 days.

United Pipe & Supply Co., (1) \$147, (2) \$109.20, 2% 30 days.

Gilmore Steel & Supply Co., (1) \$133.60, 2% 30 days.

Federal Pipe & Supply Co., (1) \$147, 2% 30 days.

BIDS WANTED

KENDRICK PROJ., Wyo.—Until August 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1104-D, for furnishing and delivering precast reinforced concrete pipe for use in the construction of structures on the Kendrick project, Wyo.; fob bidders' shipping point and storage yard at the manufacturing plant in Casper, Wyo. Pipe will be installed by the Government.

Plans and specifications may be obtained from the above office. No charge to prospective bidders; to others, \$0.25, not returnable.

CONTRACT AWARDED

SAN FRANCISCO.—Richmond Sanitary Co., 290 Division St., San Francisco, at (1) \$0.74 and (2) \$1.02, net, was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2055, for furnishing (1) 2,000 3/4-inch and (2) 1,000 1-inch copper connections for the San Francisco Water Department.

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—Bethlehem Steel Company, 20th and Illinois Streets, San Francisco, at \$170,984, net, f.o.b. Odair, Washington, was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., for reinforcing steel for Grand Coulee Power Plant.

BIDS OPENED

LOS ANGELES, Calif.—Bids were opened by the U. S. Engineer, Los Angeles, for 8,113,000 lbs. of reinf. steel bars fob contractor's plant and/or delivery to site of work as follows:

(1a) to (8a) 8000 lbs. deliv. to Compton; Sampson Tire & Rubber Co. siding on P. E.;

(1b) to (8b) 1,401,000 lbs. deliv. to Vernon; 28th St. ext. of Vernon lead on U. P.;

(1c) to (8c) 2,600,000 lbs. deliv. to West Glendale; Watson Spur No. 1 on S. P.;

(1d) to (8d) 2,900,000 lbs. deliv. to West Glendale; Watson Spur No. 2 on S. P.;

(1e) to (8e) 1,204,000 lbs. deliv. to Burbank; Moreland Truck Co. spur on S. P.

The items are:

(1a) 1,000 lbs. 1/2-in. round bars (29 ft. 6-in. length);

(1b) 200,000 lbs. 1/2-in. do.;

(1c) 200,000 lbs. 1/2-in. do.;

(1d) 200,000 lbs. 1/2-in. do.;

(1e) 200,000 lbs. 1/2-in. do.;

(2a) 1,000 lbs. 3/4-in. do.;

(2b) 300,000 lbs. 3/4-in. do.;

(2c) 600,000 lbs. 3/4-in. do.;

(2d) 1,000,000 lbs. 3/4-in. do.;

(2e) 1,000 lbs. 1-in. do.;

(3a) 1,000 lbs. 3/4-in. do.;

(3b) 1,000 lbs. 3/4-in. do.;

(3c) 200,000 lbs. 3/4-in. do.;

(3d) 200,000 lbs. 3/4-in. do.;

(3e) 1,000 lbs. 3/4-in. do.;

(4a) 1,000 lbs. 3/4-in. do.;

(4b) 200,000 lbs. 3/4-in. do.;

(4c) 200,000 lbs. 3/4-in. do.;

(4d) 200,000 lbs. 3/4-in. do.;

(4e) 1,000 lbs. 3/4-in. do.;

(5a) 1,000 lbs. 1-in. do.;

(5b) 200,000 lbs. 1-in. do.;

(5c) 200,000 lbs. 1-in. do.;

(5d) 200,000 lbs. 1-in. do.;

(5e) 100,000 lbs. 1-in. do.;

(6a) 1,000 lbs. 1-in. square bars;

(6b) 200,000 lbs. 1-in. do.;

(6c) 300,000 lbs. 1-in. do.;

(6d) 300,000 lbs. 1-in. do.;

(6e) 400,000 lbs. 1-in. do.;

(7a) 1,000 lbs. 1 1/4-in. do.;

(7b) 200,000 lbs. 1 1/4-in. do.;

(7c) 400,000 lbs. 1 1/4-in. do.;

(7d) 200,000 lbs. 1 1/4-in. do.;

(7e) 400,000 lbs. 1 1/4-in. do.;

(8a) 1,000 lbs. 1 1/4-in. do.;

(8b) 100,000 lbs. 1 1/4-in. do.;

(8c) 500,000 lbs. 1 1/4-in. do.;

(8d) 600,000 lbs. 1 1/4-in. do.;

(8e) 1,000 lbs. 1 1/4-in. do.

The bids were: unit price shown on item (3a) only as base price.

Sheffield Steel Corp., Kansas City, Mo., disc. 3/2 of 1% 10 days on \$2.70 cwt. (3a) \$.0275 fob job; no total shown; allow \$.99 cwt. if shipped on Govt. bill of lading from K. C.

Columbia Steel Co., disc. 1/2 of 1% 10 days on \$0.2195 (1 1/4-inch bars) \$0.2095 (3/4-in. bars), \$0.1995 (balance)

(3a) \$.020275; total, \$168,925.74; fob job.

Truscon Steel Co., disc. 1/2 of 1% 10 days, (3a) \$.022825; total, \$189,615.39; fob job.

Bethlehem Steel Co., disc. 3/2 of 1% on base price of \$.0475 lb. less than prices quoted, (3a) \$.020275; total, \$172,222.79; fob job.

Los Angeles Iron & Steel Co., disc. 1/2 of 1% 20 days, (3a) \$.02275; total, \$188,274.75; fob job.

Judson Steel Corp., disc. 1/2 of 1% 10 days (3a) \$.0225; total, \$186,246.50; fob job.

20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 24.—St. Light, Systems |
| 25.—Machinery and Equipment | 32.—Sewers & Sewage Disposal Plants |
| 26.—Railroads | 33.—Water Works |
| 27.—Fire Alarm Sys. | 34.—Parks & Play grounds |
| 28.—Fire Equipment | 35.—Tunnels |
| 29.—Streets & Highways | |

21—BRIDGES

BIDS WANTED

SONOMA CO., Cal.—Until August 19, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer State Bldg., San Francisco, for the construction of a bridge across Russian River at Cloverdale, consisting of three 120-ft. steel truss spans on concrete piers with pile foundations and four 40-ft. steel girder spans on concrete bents and abutments on pile foundations and about 0.3 mile of grading, Sonoma County.

Work involves:

- (1) 2 acres clear and grub;
- (2) 5,300 c.y. imported rock embankment;
- (3) 3,600 c.y. rdwy. excav., unclass.;
- (4) 3,450 c.y. ditch and channel do.;
- (5) 1,000 c.y. struc. excav.;
- (6) 114,000 lbs. bar reinf. steel;
- (7) 141 c.y. Class A Portland cement conc. footing blocks;
- (8) 810 c.y. do cement conc. struc.;
- (9) 422,000 lbs. struc. steel;
- (10) 7800 lbs. cast steel;
- (11) 2,580 lf. furnishing steel piles;
- (12) 96 each driving steel piles;
- (13) 376 lf. guard railing;
- (14) 16 each deck drains;
- (15) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento.

BIDS WANTED

SIERRA COUNTY, Calif.—Until August 17, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of one 100 ft. steel truss span on concrete piers, and two 49-ft. girder spans on concrete bents across the North Fork of the North Fork of the Yuba River at Downville, and approximately 0.5 miles grading, surfacing with untreated crushed gravel or stone and applying seal coat, Sierra Co.

Work involves:

- (1) Lump sum—clearing and grubbing;
- (2) 350 cu. yds. removing concrete;
- (3) 225 M. gals. water;
- (4) 10,000 cu. yds. roadway excav. without class.
- (5) 1,350 cu. yds. structure excav.;
- (6) 137,000 sta. overhaul;
- (7) 25 sta. finishing roadway;
- (8) 140 cu. yds. salvage surfacing;
- (9) 640 cu. yds. untreated crushed gravel or stone;
- (10) 6.25 tons liquid asphalt SC-2 (prime coat);
- (11) 6 tons liquid asphalt SC-4 (fill);

- (12) 46 cu. yds. sand (time and seal coat);
 - (13) 112,000 lbs. bar reinforcing steel;
 - (14) 224 cu. yds. Class "A" Portland cement concrete footing blocks;
 - (15) 590 cu. yds. Class "A" Portland cement concrete structures;
 - (16) 152,000 lbs. structural steel;
 - (17) 2610 lbs. cast steel;
 - (18) 402 lin. ft. steel railing;
 - (19) 9000 FBM Douglas Fir timber;
 - (20) 1,500 cu. yds. heavy riprap;
 - (21) 2850 sq. yds. slow protection material;
 - (22) 12 lin. ft. 12-inch CMP;
 - (23) 12 lin. ft. 18-inch CMP;
 - (24) 48 lin. ft. 24-inch CMP;
 - (25) 3 each removing and resetting headwalls;
 - (26) 28 lin. ft. removing and salvaging pipe culvert.
 - (27) 4 each culvert markers;
 - (28) 7 each monuments;
 - (29) 1 lot misc. items of work;
- Plans and specifications may be obtained from the above office. • 21

CONTRACT AWARDED

MERCED COUNTY, Calif. C. W. Caletti & Co., P. O. Box 243, San Rafael, at \$93,950, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of a reinforced concrete bridge across the San Joaquin River about 17 miles east of Los Banos, consisting of one 70-ft. 0-in. span, two 60-ft. 0-in. spans, two 54-ft. 0-in. spans, two 46-ft. 0-in. spans and two 40-ft. 0-in. spans; widening existing reinforced concrete bridge consisting of two 15-ft. 0-in. spans; and about 0.5 mile of roadway approaches to be graded and surfaced with plant-mixed surfacing, Merced County. • 21

CONTRACT AWARDED

SANTA BARBARA CO., Calif.—L. W. Odell and Geo. J. Bock Co., 1120 North Las Palmas Avenue, Los Angeles, at \$91,010, were awarded contract by the State Division of Highways, Public Works Building, Sacramento, for construction of a bridge across Santa Ynez River and about 0.8 mi. roadway to be graded and road-mix surface treatment applied, about one miles east of Lompoc, Santa Barbara Co., Cal. • 21

BIDS WAITED

BAKERSFIELD, Kern Co., Calif.—Until August 1, 5 P. M. (opened 8:00 P. M.) bids will be received by the Bakersfield City Council, V. Van Riper, City Clerk, City Hall, Bakersfield, for the improvement of the Southern Pacific crossing on Union Avenue.

Plans and specifications may be obtained from the above office.

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until August 23, 10 A. M., bids will be received by the Alameda County Board of Supervisors, Court House, Oakland, for construction of the High Street Bridge, Alameda County.

Work involves:

- (1) removal of existing bridge, piles fenders, cleaning site, etc.;
- (2) lump sum: excav. for structures, coffee dams, tremie concrete, backfill;
- (3) submarine crossing;
- (4) drainage pump and motor;
- (5) 500 tons rock riprap;
- (6) 15,200 lf. creosoted timber piles
- (7) 15 MBM creosoted timber;
- (8) 7,230 c.y. Portland cement conc.
- (9) 77,000 lbs. additional counterweight poundage over 145 lbs. concrete;
- (10) 1,060,000 lbs. reinforcing steel;
- (11) 1,212,000 lbs. carbon steel;
- (12) 850,000 lbs. silicon steel;
- (13) 10,000 lbs. addl. struc. steel;
- (14) 18,000 lbs. anchor bolts;
- (15) 311,000 lbs. machinery;
- (16) 1,000 lf. elec. fillet welds, shop;
- (17) 1,000 lf. do. field;
- (18) 10 lf. 10-inch vitrified sewers;
- (19) 50 lf. 18-inch do.;
- (20) 30 lf. 24-inch do.;
- (21) 155 lf. 27-inch do.;
- (22) lump sum: operators tower and house;
- (23) lump sum: traffic gates;
- (24) lump sum: yielding barriers;
- (25) lump sum: electrical equipment.

Plans and specifications may be obtained from the above office upon deposit of \$50.00. • 21

CONTRACT AWARDED

FRESNO AND Madera Cos., Cal.—S. A. Cumming, 4170 Falcon St., San Diego, at \$28,379, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of a bridge across the San Joaquin River about four miles northeast of Auberry, consisting of a through steel truss span with timber stringer approach spans and concrete decks, Fresno and Madera Counties. • 21

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until August 9, 2 P. M., bids will be received by Los Angeles County Supervisors for repairing of 7th Street bridge across Los Angeles river flood control channel in Long Beach.

The work involves:

- (1) 1300 sq. ft. removal of the existing asph. conc. wearing surf.;
- (2) 17 MBFM removal and salvage of lumber from specified portions of existing bridge;
- (3) 1600 lf. driving D F piles;
- (4) 82 MBFM placing bent caps, bent sheathing and all lumber in superstructure except hand railing
- (5) 325 lf. placing and painting hand railing;
- (6) 125 lf. reconstruction of expansion joint as per detail B on the drawings;
- (7) 18 armor plates, furnishing and placing on upstream ends of specified bents;
- (8) 8800 sq. ft. 3-in. asph. concrete on specified portions of bridge roadway.

Plans and specifications may be obtained at the office of C. H. Howell Chief Engineer, 751 S. Figueroa St., Los Angeles, upon payment of \$2.50 per set, not returnable. • 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

OAKLAND, Calif.—Until August 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Spec. No. 49, for furnishing and driving 49 concrete piles for the East Bay Aqueduct at crossings over levees of Old River, Middle River and Indian Creek.

Plans and specifications may be obtained from the above office. • 22

BIDS WANTED

BOISE PROJECT, Ida.—Until August 3, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, P. O. Box 937, Boise, under Spec. No. 500-B, for the construction of earthwork "D" Line Laterals 2.1 to 24.3, Payette Division, Boise Project, Idaho.

Work involves:

- (1) 98,000 c.y. excavation, common, for laterals;
- (2) 500 c.y. excavation, rock, for do;
- (3) 5,000 sta. c.y. overhaul.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75, not returnable. • 22

CONTRACT AWARDED

ALL-AMERICAN CANAL.—Atlas Const. Co., 39 Congress St., Pasadena at \$269,892 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 791, for the construction of the Alamo River and New Briar Canal crossing and the Central Main Check and turnout, Station 3258, plus 25 to Station 2543 plus 76.52, All-American Canal, All-American Canal System, Boulder Canyon Project. Work is located near Calexico, Calif. • 22

23— CANALS

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Calif.—Mojave Corp., Box 174, Los Nietos, at \$184,695.67, awarded contract by the Long Beach city council for the construction of wall and bulkheads for the Rivo Alto Canal, Naple Canal, The Colonade Canal, Alamitos Bay, a 1911 and Federal Aid Project. • 23

24— STREET LIGHTING

CONTRACT AWARDED

HICKAM FIELD, T. H.—Robert E. McKee, 108 W. Sixth Street, Los Angeles, at \$12,900 was awarded contract by the Constructing Quartermaster, Hicham Field, under Bid No. 397-38-38, for constructing and completing a portion of the night lighting installation at Hickam Field. • 24

25— MACHINERY AND EQUIPMENT

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 10, 2 P. M., bids will be received by the South Bay Cities Sanitation District of Los Angeles County, 4th fl., Times-Mirror Bldg., 110 S. Broadway, for furnishing one vertical sewage pump to handle approx. 2600-gallons per minute at 59-ft. total dynamic head, with pedestal and suction elbow; also for supervising installa-

tion of said pump. Prices for pump to be for pumping plant at Hyperion, L. A. county. Bidders may submit one or more alternative bids. It is, however, proposed to purchase only one vertical centrif. sewage pump. Certified or cashier's check or surety company bond for 10% must accompany each proposal. Plans and specifications may be obtained from A. H. Warren, Chief Engineer, at the above address. A. S. Soule, Secty. • 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for rental of (1) two approximately 2000 to 2500 gal. transport tank trucks, diesel fueled preferred, with apparatus at 150-h.p. motor for mountain hauling; and (2) one power distributor, trailer type, equipped to spread from transport trucks. Both to be equipped with quick type couplers without operator. Equipment is required for the maintenance of oiling operations on Carson Pass, Ebbetts Pass and Sonora Pass Highways.

Bids were:

Sheeldon Oil Co., Suisun, (1) \$4.00 per hr., (2) \$1.00 per hr.
Lee J. Immel, Berkeley, Alternate item \$4.90.

Lamb Transportation Co., Long Beach, Alternate item, \$5.65.

BIDS WANTED

MERCED, Calif.—Until August 1, 8:00 P. M., bids will be received by the Board of Trustees of the Merced Union High School District, N. S. Peck, Clerk, in the High School Building, Merced, for 8 school buses, having a capacity of 37 to 42 high school students.

Plans and specifications may be obtained from the above office. • 25

BID OPENED

SAN FRANCISCO.—General Motors Corp., Cleveland Diesel Engine Division, at \$205, 2% 10 days, submitted only bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-24, for one fuel pressure regulator; f.o.b. Army Transport Dock, Fort Mason, S. F. • 25

CONTRACTS AWARDED

BUFFALO RAPIDS PROJ., Mont. U. S. Bureau of Reclamation, Washington, D. C., has awarded contracts for (1) two 36-inch motor operated gate valves; (2) motor driven deep well type pump; (3) motor driven rotary type vacuum pump; (4) 10-ton traveling crane, for the Glendive pumping plant, Buffalo Rapids Proj., under Spec. No. 1069-D, as follows: Chapman Valve Mfg. Co., Indian Orchard, Mass., (1) \$3,258; 2%. Mountain States Mch. Co., Denver: (2) \$234.60.

Hendrie & Bolthoff Mfg. & Supply Co., Denver: (3) \$359.02; 2%. Cyclops Iron Works, San Francisco: (4) \$1,836.01. • 25

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until August 9, 10:00 A. M. (date postponed from August 2), bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing one 85-ft. aerial ladder motor truck.

Plans and specifications available at above office. • 25

CONTRACTS AWARDED

BOULDER CANYON PROJECT. U. S. Bureau of Reclamation, Wash-

ington, D. C., has awarded the following contracts for (1) insulator hardware; (2) special hardware; (3) special hardware; (4) special hardware; (5) conductor fittings; (6) grading rings for installation in the Southern Calif. Edison Co. switchyard at Boulder power plant, Boulder Canyon Proj.; under Spec. No. 1074-D:

General Electric Supply Corp., Denver: (1) \$2863.08; (3) \$129.90; (4) \$83.20; (6) \$198.

Bowie Switch Co., San Francisco: (2) \$768.

Burndy Engr. Co., New York City, (5) \$195.57. • 25

CONTRACTS AWARDED

KENDRICK PROJECT, Wyoming. U. S. Bureau of Reclamation, Washington, D. C., has awarded additional contracts for electrical equipment for Seminoe Dam, Kendrick Proj., Wyo., under Spec. No. 775, as follows: SCH. 4: Royal Electric Mfg. Co., Chicago \$435.97.

SCH. 5: General Electric Co., Schenectady: \$9,394.56.

Contracts previously awarded on Schedules 1, 2 and 3 were published July 1. • 25

CONTRACTS AWARDED

KENDRICK PROJECT, Wyoming. U. S. Bureau of Reclamation, Washington, D. C., has awarded contracts for wood poles, cross arms, insulators, and pole hardware for transmission lines for the Kendrick Project, under Spec. 1060-D, as follows: General Electric Supply Corp. (Sch. 2): \$18,433.34; (9) \$501.55; (5) \$17,138.43; (13) \$992.32; 1%. Graybar Electric Co.: (1) \$108,872.75.

Syler Mfg. Co.: (6) \$3,338.60; (11) \$405; 2%. American Chain & Cable Co.: (7) \$8-228.23; 2%.

Joslyn Mfg. & Supply Co.: (8) \$1-796.80.

Hendrie & Bolthoff Mfg. & Supply Co., (12) \$828.75; 2%.

Bids rejected on Schedules 3, 4, and 10. • 25

BIDS WANTED

DELANO, Kern Co., Calif.—Until August 5, 8 P. M., bids will be received by the Board of Trustees of the Delano Joint Union High School, J. W. Reed, President, for furnishing one 36-passenger high school bus.

Plans and specifications may be obtained from the above office. • 25

BIDS OPENED

YAKIMA PROJ., Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1096-D, for furnishing and delivering radio telephone apparatus consisting of two transmitters, two receivers, one gasoline engine-driven alternator, and misc. equipment, for use on the Yakima Proj., Wash. Materials will be installed by the Govt.

Bids were:

Technical Radio Co., Inc., San Francisco, \$2,615.25; wt. 1,300; ½% disc; fob San Francisco.

Collings Radio Co., Cedar Rapids, Iowa, \$2,850; wt. 1,800; net; fob Yakima.

Northern Radio Co., Seattle, \$3,498; wt. 1,175; 2%; fob Seattle.

Chamberlin Bassett Research Corp. South Bend, Ind., \$992.18; wt. 800; ½%; fob Yakima.

Communication Equip. & Engr. Co., Chicago, \$2,774; wt. 2,150; net; fob Peoria, Ill., and Kohler, Mts. • 25

CONTRACTS AWARDED

BOULDER CANYON PROJECT.—General Iron & Steel Works, Portland, at \$14,925 awarded contract by

the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1071, for trussrack rakes for the Imperial Dam, All-American canal system, Boulder Canyon Project. 25

BIDS WANTED

MONTEREY and San Benito Cos., Cal.—Until August 2, 3 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of a 3½-ton (or greater) flat rack truck with operator and fuel for intermittent work on State highways in Monterey and San Benito Counties.

Bids must be submitted on blanks obtained from the above office. 25

BIDS OPENED

SANTA BARBARA CO., Cal.—The following submitted bids to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for the rental of one 40-h.p. (or more) tractor with bulldozer and McMillan scraper (or equal) for approximately 15 days' use in Santa Barbara Co.

Bids were:

R. H. Beechman, San Luis Obispo, \$450 per hour;
J. J. Hergert, Gaviota, \$4.50 per hour.
Jos. A. Denni, Wilmington, \$6.00 per hour. 25

July 28, 1938

BID OPENED

LOS ANGELES, Cal.—Road Mix, Inc., submitted the only bid to the State Highway Depot, L. A., for the rental of equipment as follows: (1) double drum road mixer with oil pump and meters for applying and gauging oil; (2) 60 h.p. tractor to pull tow grader; (3) 60 h.p. tractor properly geared to handle a double drum road-mixer; (4) leaning wheel pull grader with 10 or 12-ft hydraulically controlled blade; for use 60 to 90 days on highway construction in Ventura County, Route 138.

The bid was: (1) Standard 1936, \$7.70 per hour; (2) Caterpillar 60, 1935, \$3.50 per hour; (3) Caterpillar 60, 1935, \$4 per hour; (4) Adams tow grader, 1937, \$2.80 per hour. 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Contracts for rental of 2½ yd. draglines for 900 hours each under Invt. 10 were awarded by U. S. Engineer, L. A., as follows:

Lewis Construction Co., one at \$6.95 hour; total \$6255; disc. 2%, 10 days.

United Concrete Pipe Corp., one at \$7 hour; total \$6300; disc. 3%.

Ralph O. Dixon, one at \$6.75 hr.; total \$6075; disc. ½ of 1%, 10 days.

Oswald Bros., 2 at \$7 hour; total \$12,600; disc. 5%, 10 days. 25

BIDS OPENED

SOLANO COUNTY, Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$4.97 per hour, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of one approximately 2000 gal. pressure spraying oil distributor equipped with tachometer and volume and pressure gauges, for maintenance oiling operations in Solano County.

Total bids follow: per hr.
Lee J. Immel, 1031 Evelyn St., Berkeley.....\$4.97
Sheldon Oil Co., Suisun.....5.82
L. Biasotti & Son, Stockton.....5.90 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Forest Service Regional Office, George D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1282, for rental of 4 1½-ton stake-side trucks of not less than 150-in. wheelbase, equipped with dual rear wheels; fob Forest Service Warehouse, Del Rosa.

Bids were:

Robert F. Garner, Jr., San Bernardino, one truck at \$0.10 per mile; net.
Samuel E. Bonsangue, one at \$0.18; one at \$0.19 and one at \$0.20; 2% 10 days.

Calif. Truck Rental Co., Los Angeles, four at \$0.10 per mile; net. Stipulates 300 miles per week guarantee.

Arthur Lessing, South Gate, four at \$0.15 per mile; net. 25

BIDS OPENED

SOLANO COUNTY, Calif.—Sheldon Oil Co., Suisun, at \$3.75 per hour submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of Caterpillar Diesel No. 11 auto patrol, tandem drive, equipped with 12-ft. blade and scarifier for use in Solano County.

Total bids follow:

Sheldon Oil Co., Suisun.....\$3.75
E. E. Lowell, Vallejo.....4.94
Lee J. Immel, Berkeley.....5.00 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Forest Service Regional Office, George D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1284, for the rental of three dump trucks equipped with hydraulic-operated dump bodies of not less than 2½-c.y.; fob Glendale.

Bids were:

Samuel E. Bonsangue, Los Angeles: one truck at \$0.13 per mile; one at \$0.20 per mile; 2% 10 days.

Santo Tedesco: one truck at \$0.14 per mile; 1% 10 days. 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Forest Service Regional Office, George D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1293, for rental of six ½-ton pick-up trucks of not less than 110-inch wheelbase, equipped with single rear wheels; fob Glendale.

Bids were:

California Truck Rental Co., Los Angeles: 4 trucks at \$0.09 per mile; net.

Samuel E. Bonsangue, Los Angeles, one at \$0.15 per mile; and one at \$0.18; 2% 10 days.

Arrow "U-Drive", Inc., six at \$0.10 per mile; net.

Santo Tedesco, one at \$0.11¼; 1% 10 days. 25

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the U. S. Forest Service Regional Office, 1022 Phelan Building, San Francisco, under Bid No. 1299, for rental of concrete mixers. (a) f. o. b. bidder's shipping point; (b) f.o.b. Elbarsden.

Bids were:

Harron Rickard & McCone Co., (a) \$20 per week, San Francisco; (b) \$26 per week, net.

Western Machinery Co., (2) \$21.50 San Francisco; (2) \$27.50; net.

E. R. Bacon Co., (a) \$24.75 San Francisco; (b) \$31.77; net. 25

San Bates Co., (a) \$15, Oakland; (b) \$22; net.

Industrial Equipment Co., (a) \$25, Oakland; (b) no bid; net.

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the U. S. Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1291, for furnishing 3 portable gasoline powered combination swinging cutoff and ripping saw table. F.O.B.: (1) Redding, (2) Arcadia, (3) bidder's shipping point.

Bids were:

A. L. Young Machinery Co., (1) \$549, (2) \$1,098, (3) \$1,612.50 San Francisco, 5% 10 days.

DeWalt Machinery Co., (1) \$575, (2) \$1,150, (3) \$1,725, Oakland; 2% 20 days.

Smith Booth Usher, (1) \$606, (2) \$1,212, (3) \$1,722, Chicago; 2% 30 days.
Harron Rickard & McCone Co., (1) \$579.99, (2) \$1,158, (3) \$1,595, San Francisco, net.

Brown Bevis Equipment Co., (1) \$507, (2) \$988, (3) no bid; net. 25

BIDS OPENED

SAN FRANCISCO—Following submitted bids to T. A. Brooks, Purchasing Supplies, 270 City Hall, under Bid No. 2063, for furnishing (1) 500 pairs of 36-inch bolts No. 110 Lorain Section joint plates and (2) 800 rail clips.

Bids were:

Columbia Steel Co., (1) \$7,586 pr., (2) \$7.65 per C.

Bethlehem Steel Co., (1) \$5.13 pr., (2) \$7.78 per C. 25

BIDS OPENED

SOLANO COUNTY, Calif.—E. G. Gressot, Fairfield, at \$6.25 per hour submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of one RD7 Caterpillar Diesel Tractor, equipped with 8-c.y. LeTourneau Carryall with LeTourneau ripper and angledozer for use in Solano County.

C. C. Wood, Stockton, at \$7.50 per hour submitted only other bid. 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1287, for furnishing concrete mixers.

Bids were:

Norris K. Davis, \$198.50 Waterloo, Iowa; \$242.20 Glendale; \$10 disc.; 20 days.

Harron, Rickard & McCone Co., \$184, Port Washington, Wis.; \$213, Glendale; net.

Jonison Machinery Co., \$176, Milwaukee; \$214.93, Glendale; 2% 20 da.

A. L. Young Mch'y. Co., \$193.50 Jackson, Mich.; \$236, Glendale; net.

Smith Booth Usher, \$165.75 Columbus, Ohio; \$198, Glendale; net. 25

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1299, for furnishing concrete mixers.

Bids were:

Harron, Rickard & McCone Co., \$260, Point Washington, Wis.; \$289, Glendale; 2% 30 days.

Norris K. Davis, \$161, Waterloo, Iowa; ½ of 1% 20 days.

Smith Booth Usher, \$165.75 Columbus, Ohio; \$198, Glendale; net.

A. L. Young Mch'y. Co., \$193.50 Jackson, Mich.; \$236, Glendale; net.

Jonison Machinery Co., \$176, Milwaukee; \$214.93, Glendale; 2% 20 da.

CONTRACT AWARDED

SAN FRANCISCO.—Edward R. Bacon Co., 17th and Folsom Streets, San Francisco, at \$2,454 submitted low bid and awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Customhouse Square, San Francisco, under Bid No. 868-39-31, for furnishing 2 pile hammers, air operated, double acting; f.o.b. Plot No. 3, Army Transport Docks, Fort Mason.

Total bids follow:

Edward R. Bacon Co., 17th and Folsom Sts., S. F., \$1,229 each; \$2,454 total; net.

Harron Rickard & McCone Co., \$1905 each; \$2,896 total; net. * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until August 10, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1102-D, for furnishing and delivering three trash cars for handling debris removed by traveling trashrakes from the trashrakes at the headworks of the All-American and Gila Valley canals at the Imperial Dam, All-American Canal system, Boulder Canyon Project, Arizona-California-Nevada; f. o. b. shipping point and/or Yuma, Ariz.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50 not returnable. * 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for rental of one only approximately 2000 gallon approved type pressure spraying oil distributor equipped with tachometer and volume and pressure gauges, and one 1200 gallon pressure spraying oil distributor, equipped with tachometer and volume and pressure gauges for use in various parts of Dist. X.

Bids were: per hour
Geo. French, Jr., Stockton.....\$5.25
C. C. Wood, Stockton..... 5.50
C. E. Huls, Merced..... 5.75
Sheldon Oil Co., Suisun..... 6.00
25

BIDS OPENED

AMADOR, Salaveras & Tuolumne Cos., Calif.—Sheldon Oil Co., Suisun, at \$3.75 per hour submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for the rental of two Caterpillar Diesel No. 11, power graders, or equal, tandem drive, equipped with 12-ft. blades and scarifiers for use in Amador, Calaveras and Tuolumne Counties.

Total bids follow: per hr.
Sheldon Oil Co., Suisun.....\$3.75
C. C. Wood, Stockton..... 4.50
E. E. Lowell, Vallejo..... 5.90
25

BIDS WANTED

COLORADO PROJECT.—Until August 11, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1103-D, for furnishing and delivering electrical conductor and accessories for transmission lines for the Colorado-Big Thompson Project., Colo.; fob shipping point and/or railroad destination. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$.25, not returnable. * 25

BIDS OPENED

SAN FRANCISCO.—The following bids were received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2059, for furnishing Diesel Engine shop equipment for the School Dept., as follows:

- (1) 1 semi-standard, 50-kw, 50 deg C, 1150 rpm 250 volt, shunt wound, direct current, ball bearing generator;
- (2) 1 resistor, cast iron grids, in 10 boxes, capacity continuous 50-kw, at 250 VDC not to exceed 200 deg C rise;
- (3) 1 loading absorbing generator, 5 kw, 50 deg C, 250 volt, DC 1150 rpm, shunt wound, ball bearing generator;
- (4) 1 load resistor, 5 kw, 250 volt, DC load absorbing resistance consisting of one box of cast iron grids;
- (5) 1 control panel for two generators with ammeters, voltmeters, field reversing switch, etc.;
- (6) flexible couplings;
- (7) 1 V-belt drive complete.

Bids were:

Westinghouse Electric & Mfg. Co., (1) \$1153; (2) \$252; (3) \$382.12; (4) \$46; (5) \$628.30; (6) \$195; net.
Weidental - Gosliner Elec. Works, (1) \$1032; (2) \$29.92; (3) \$279.20; (4) \$29.92; (5) \$814; (6) \$70.34; (7) \$253; net.
General Elec. Co., (1) \$1078; (2) \$316.80; (3) \$314; (4) \$52.80; (5) \$382 (6) \$62.70; (7) \$314; net.
Crocker-Wheeler Elec. Mfg. Co., (1) \$1063; (2) \$605; (3) \$307; (4) \$60.50; (5) \$823.25; (6) \$59.40; (7) \$279.64; net.
Fairbanks-Morse & Co., (1) \$919; (2) \$316.80; (3) \$314; (4) \$52.80; (5) \$382; (6) \$62.70; (7) \$314; net. * 25

BIDS OPENED

SAN FRANCISCO.—The following bids were received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2057, for furnishing air compressor and parts for the school department.

Bids taken on:

- (1) 1 LeRoi Rix or approved equal air compressor, air cooled two-stage, vertical type, capacity 60 CFM delivered air and 100 lbs gauge pressure with 15-h-p. 208 volt 60 cycle, 3-phase, 1750 rpm motor complete;
- (2) 12 3/4-in. male thread couplings;
- (3) 1 50-ft. length 3/8-in. CP multiple hose;
- (4) 2 25-ft. length 3/8-in. do;
- (5) 6 3/4-in. to 1/4-in. hose nipples;
- (6) 8 3/4-in. hose and couplings;
- (7) 1 1/2-in. male thread coupling;
- (8) 4 CP-3 Aero Riveters with Parker taper shanks;
- (9) 1 CP-350 compression riveter with yoke;
- (10) 4 midjet universal drills.

Bids were:

Independent Pneumatic Tool Co., (2) \$75; (3) \$10; (4) \$5; (5) \$30; (6) \$.75; (7) \$.75; (8) \$51.15; (9) \$27.50; net.
Knox - Hale Machinery Co., (1) \$887.20; net.
Ingersoll-Rand Co., \$900 net.
Rix Co., (1) \$649.15; (2) \$.75; (3) \$.9; (4) \$4.50; (5) \$.35; (6) \$.75; (7) \$.75; (8) \$51.15; (10) \$32.50; 1% 10 days.
Chicago Pneumatic Tool Co., (1) \$952; (2) \$.50; (3) \$.675 (4) \$33.75; (5) \$.30; (6) \$.50; (7) \$.50; (8) \$49.77 (9) \$94.50; (10) \$26.50; net. * 25

BIDS WANTED

SEATTLE, King Co., Wash.—Until August 11, 10 A. M., bids will be received by the Board of Public Works 509 County-City Bldg., Seattle, for furnishing two 72-inch diameter steel

pipes, steel trash rack, trash rack guides for Ruby Dam; fob Rockport.

Plans and specifications may be obtained from the City Light Engineering Division, 216 City Hall, upon deposit of \$10.00. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 5, 10 A. M., bids will be received by Metropolitan Water Dist. Purchasing Agent, Los Angeles, for the sale of six Goodman electric locomotives, 3-ton. Bid S M 548. * 25

BIDS WANTED

SEATTLE, King Co., Wash.—Until August 11, 10 A. M., bids will be received by the Board of Public Works 509 County-City Bldg., Seattle, for furnishing two self-closing broome sluice gates for opening 6-inch in width by 8-ft. in height with hoists, motors, etc., for Ruby Dam.

Plans and specifications may be obtained from the City Light Engineering Division, 216 City Hall, upon deposit of \$10.00. * 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO, Calif.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth Street, San Francisco, for furnishing misc. supplies and equipment for use on WPA projects.
BID No. 5762—Calif. Pottery; \$475.52; 25-30; clay pipe.

BID No. 5723—Lerer Bros.; \$66 per mo.; 10%-30; flat bed truck.

BID No. 5739—Rejected; insufficient funds; tractor.

BID No. 5745—W. A. Croll; \$89.50 on two; 2%-30; 2 two-tyd. trucks.

BID No. 5760—Rhodes and Kennedy; \$175; \$1.750; 2%-30; dry mix.

BID No. 5759—Melrose Bldg. Mat.; \$1.75; \$1.750; dry mix; 2%-30.

BID No. 5758—Transit Conc. Ltd.; \$6.58; \$394.80; 2%-30; wet mix.

BID No. 5757—Monolith Port. Cement; \$337.50; \$2.25; 10c per bbl. 10th prox.; port. cement.

BID No. 5756—Monolith Port. Cement; \$2.33; \$699; 10c per bbbs. 10th prox.; port. cement.

BID No. 5753—W. F. Garrett; \$332.99; 2%-20; misc. lumber.

BID No. 5751—J. W. Mumbert; \$0.71; \$302.46; conc. pipe; 5%-30.

BID No. 5750—Sterling L. C.; \$0.72 1/2; \$362.50; net; Portland cement.

BID No. 5749—Loop L. C.; \$1097.50; 2%-30; lumber. * 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials, as follows:

August 1, 1:30 A.M.
BID No. 5809—1,088 lin. ft. reinforced concrete pipe; f.o.b. Oak Knoll Blvd. & Bradley St., Alameda Co.

August 2, 10:00 A.M.
BID No. 5806—27 tons reinforcing steel; f.o.b. Moscow St. & Geneva Ave., S. F.

BID No. 5812—6,000 lbs. cotton twine; f.o.b. 325 21st St., Oakland.

August 4, 10:00 A.M.
BID No. 5805—1,360 sacks Portland cement; f.o.b. Bakersfield.

BID No. 5810—Douglas Fir lumber; f.o.b. Mills Field, San Mateo Co.

August 5, 10:00 A.M.
BID No. 5807—300 tons crushed rock; f.o.b. 19th Ave. & Nan's Road, S. F. * 27

BIDS WANTED

SAN FRANCISCO.—Until August 1, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

- BID NO. 5796: Axe handles, shovels; fob San Jose.
- BID NO. 5797: Douglas fir lumber; fob Kobbe Ave. and Washington Blvd., San Francisco.
- BID NO. 5798: Douglas fir lumber; fob Bakersfield.
- BID NO. 5800: 150 barrels of Portland cement; fob Stockton. 27

BID CALL CANCELLED

SAN FRANCISCO.—The U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, cancelled the call for bids under Bid No. 5767 for furnishing 1300 sacks Portland cement. Bids were called for July 26. * 27

CONTRACT AWARDED

SAN FRANCISCO.—Smith Lumber Co., at \$37.43, awarded the contract by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. lumber. Discount. 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treas. Dept., 49 Fourth Street, San Francisco, for furnishing miscellaneous supplies and materials for use on WPA projects, as follows:

- BID NO. 5738: A. N. Blumquist: \$0.-0675; \$121.50; net; emuls. asphalt.
- BID NO. 5736: A. N. Blumquist: \$0.-0675; \$57.50; net; emuls. asphalt.
- BID NO. 5735: Citizens L. C.: \$0.645; \$1548; net; Portland cement.
- Twin Harbors L. C.: \$503.14; 2% 10th prox.; Douglas fir.
- BID NO. 5713: Portola Truck Service: \$47.75; 2% 20; pick-up truck rental. 27

CONTRACTS AWARDED

SAN FRANCISCO, Calif.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth Street, San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:

- BID No. 5741—Gilmore Steel and Supply, \$541; 2% 30; pipe.
- BID No. 5783—Pac. States Constr. Co., \$3498; net; \$2.84; asph. concrete.
- BID No. 5733—A. A. Tieslaw, \$0.063; \$2457; 2% 20; emuls. asphalt.
- BID No. 5723—Lerer Bros., \$66; flat bed truck.
- BID No. 5737—Golden Bear Oil Co., \$16.59; \$464.52; net; liq. asphalt.
- BID No. 5740—Sam E. Bonsangue, \$90 and \$88 (1 and 2) 4% 20; 1/2 of 1% 30.
- Evans Auto and Truck Rental, \$94.50; net; 1 1/2 ton trucks.
- BID No. 5742—Smith L. C., \$350.25; 2% 10th prox.; Douglas fir.
- BID No. 5743—Smith L. C., \$264.03; 2% 10th prox.; lumber.
- BID No. 5744—Consumers Rock and Cement, \$370.65; 3% 30; 70 tons crushed rock. 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for rental of equipment, as follows:

AUGUST 1, 10 A. M.:
 BID NO. 5802: Rental of three dump trucks, 1 1/2-ton rated capacity, equipped with not less than 2 1/4-

c.y. capacity dump bodies, dual rear tires and hydraulic hoists; fob Bakersfield;

BID NO. 5803: Rental of two 1 1/2-ton flat rack trucks, equipped with dual rear tires; fob Bakersfield.

AUGUST 2, 10 A. M.:

BID NO. 5801: Rental of one 150-ampere motor generator, DC Arc Welder, on portable running gear with separate control of both voltage and amperage; fob Larkin and Beach Sts., S. F. * 27

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 433 Call Building, San Francisco, at \$587.60, awarded contract by the S. F. Department of Public Works, Room 251, City Hall, for construction sidewalks on the west side of Laguna Honda Blvd., across Moraga and Noriega Streets and along the frontage of Laguna Honda Home. * 29

BIDS OPENED

VENTURA COUNTY, Cal.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at \$129,331 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 4 miles grading and surfacing with asphalt concrete between Fillmore and Hopper Creek, Ventura County. Work involves:

- (1) 211 sta. clear and grub;
- (2) 1,700 M. gals. water.
- (3) 5,100 c.y. remove concrete;
- (4) 86,000 c.y. rdwy. excav. unclass.
- (5) 2,300 c.y. ditch and channel excavation;
- (6) 840,000 sta. yds. overhaul;
- (7) 3,000 c.y. struc. excav.;
- (8) 45,000 sq. yds. preparing sub-grade;
- (9) 211 sta. finish rdwy.;
- (10) 350 tons min. agw. plant mix surf.;
- (11) 20 tons liq. asph., ROMC-4 or ROMC-5 plant mix surf.;
- (12) 53 tons liq. asph. SC-2 prime coat;
- (13) 3,200 sq. yds. asph. paint binder
- (14) 54,000 sq. yds. prepare, mix and shape shoulders;
- (15) 660 tons liq. asph. SC-2 road mix surf. treatment;
- (16) 30 tons screenings, seal coat;
- (17) 3 tons asph. emulsion, seal coat
- (18) 19,950 tons asph. conc.;
- (19) 90 c.y. Portland cement conc. pave. base;
- (20) 35,600 lbs. bar reinf. steel;
- (21) 1,200 lbs. misc. iron and steel;
- (22) 395 c.y. Class A Portland cement conc. struc.;
- (23) 220 lf. 42-in. stand. reinf. conc pipe;
- (24) 100 lf. 8-in. CMP;
- (25) 80 lf. 18-in. CMP;
- (26) 600 lf. 24-in. CMP;
- (27) 60 lf. 30-in. CMP;
- (28) 310 lf. 36-in. CMP;
- (29) 60 lf. 42-in. CMP;
- (30) 40 lf. remove, clean and relay existing CMP;
- (31) 110 lf. remove, clean and salvage existing CMP;
- (32) 65 lf. 90-in. multi-plate CMP;
- (33) 7 each spillway assemblies;
- (34) 64 each culvert markers;
- (35) 0.2 mile move and reset property fences;
- (36) 120 lf. bank protection fence;
- (37) 1.1 miles new property fence;
- (38) 5 each drive gates.

- Total bids were:
- (A) Macco Const. Co., Clearwater, \$129,381.
- (B) Griffith Co., Los Angeles, \$143,090.00.

(C) A. S. Vinnell Co., Alhambra, \$162,935.50.

Unit bids were:

	(A)	(B)	(C)
(1).....	\$15.00	\$10.00	\$15.00
(2).....	1.50	1.60	1.30
(3).....	.50	1.50	1.65
(4).....	23	23	.31
(5).....	25	.70	.42
(6).....	.003	.003	.004
(7).....	.75	1.00	.70
(8).....	.07	.09	.11
(9).....	10.00	3.00	15.00
(10).....	3.00	3.00	3.00
(11).....	9.00	8.50	10.00
(12).....	8.00	9.00	8.50
(13).....	.02	.02	.03
(14).....	.06	.06	.06
(15).....	8.00	8.00	7.50
(16).....	3.00	2.50	4.00
(17).....	20.00	30.00	25.00
(18).....	3.00	3.40	3.50
(19).....	11.00	8.00	13.00
(20).....	.05	.052	.06
(21).....	.22	.15	.20
(22).....	23.50	22.00	35.00
(23).....	6.00	6.80	12.00
(24).....	1.00	1.00	1.20
(25).....	2.00	1.90	2.00
(26).....	3.00	2.90	3.00
(27).....	3.50	3.50	4.00
(28).....	5.00	5.40	6.00
(29).....	6.00	6.30	7.00
(30).....	1.00	.70	1.00
(31).....	.75	.50	.80
(32).....	15.00	19.00	21.00
(33).....	12.00	16.00	21.00
(34).....	2.50	2.50	1.50
(35).....	100.00	400.00	400.00
(36).....	6.00	7.30	8.50
(37).....	500.00	850.00	800.00
(38).....	15.00	20.00	23.00

BIDS OPENED

SAN MATEO COUNTY, Calif.—N. M. Ball Sons, 852 Carmel Street, Albany, at \$34,212.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., San Francisco, for about 1 1/3 miles grading between Skyline Blvd. and La Honda, San Mateo Co., Calif. Work involves:

- (1) 1,450 M. gals. water;
- (2) 165,000 c.y. roadway excavation, without classification;
- (3) 2,600 c.y. rock backfill;
- (4) 578,000 sta. yds. overhaul.

Total bids follow:

- (A) N. M. Ball Sons, 852 Carmel St., Albany, \$34,212.00.
- (B) Macco Construction Co., Clearwater, \$34,654.00.
- (C) X. Carrithers, San Mateo, \$40,235.00.
- (D) Granfield-Farrar & Carlin, S. F., \$41,290.00.
- (E) Guerin Bros., S. F., \$44,558.00.
- (F) Piombo Bros. & Co., S. F., \$45,556.00.
- (G) Hemstreet & Bell, Marysville, \$47,210.00.
- (H) Mountain Construction Co., Sacramento, \$47,455.00.
- (I) Geo. K. Thompson, Los Angeles, \$58,605.00.
- (J) M. J. Ruddy, Modesto, \$54,215.00.
- (K) Chas. L. Harney, S. F., \$58,102.00.
- (L) Eaton & Smith, S. F., \$90,290.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(A).....	.80	.18	.40	.004								
(B).....	.30	.193	.25	.003								
(C).....	1.50	.21	.20	.005								
(D).....	1.90	.22	.25	.005								
(E).....	1.00	.235	1.00	.003								
(F).....	1.50	.245	.50	.002								
(G).....	2.00	.24	.70	.005								
(H).....	1.00	.255	.40	.006								
(I).....	2.50	.28	.60	.01								
(J).....	1.50	.29	.50	.005								
(K).....	1.00	.32	.37	.006								
(L).....	1.11	.22	.25	.0035								

CONTRACT AWARDED

CALAVERAS COUNTY, Calif.—Garcia Construction Co., P. O. Box 65, Irvington, at \$6,623, awarded con-

tract by State Division of Highways, Sacramento, for about 1.8 miles surfacing with untreated crushed gravel or stone and road-mix surfacing, between South Fork of Mokelumne River and Herbert's Ranch, Calaveras County, Calif. * 29

BIDS WANTED

SAN FRANCISCO.—Until August 3, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19170, for the improvement of the Intersection of Masonic Avenue and Loma Vista Terrace and Upper Terrace. Estimated cost \$1,320.

Work involves:

- (1) 2,200 sq. ft. asphaltic wearing surface removed;
- (2) 180 lin. ft. armored concrete curb;
- (3) 2 brick catchbasins moved and reconstructed;
- (4) 3 street and traffic signs reset;
- (5) 60 tons asphaltic concrete wearing surface;
- (6) 1,400 sq. ft. 6-inch Class "F" concrete paving base;
- (7) 900 sq. ft. two-course concrete sidewalk;

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10.00. * 29

CONTRACT AWARDED

WHITE PINE COUNTY, Nev.—W. W. Clyde & Co., Springville, Utah, at \$107,693.05 submitted low bid and awarded contract by the State of Nevada. Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for construction of approximately 9.79 miles of the State Highway from East Ely to McGill, Route 2, Section D3, White Pine County, Nev.

Dodge Construction Inc., Fallon, at \$107,983.31 submitted second low bid. Complete bids will be published shortly. * 29

CONTRACT AWARDED

WHITE PINE COUNTY, Nev.—W. W. Clyde & Co., Springville, Utah, at \$107,693.05 submitted low bid and awarded contract by State of Nevada. Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 9.79 miles of the State Highway from East Ely to McGill, Route 2, Section D3, White Pine County, Nev.

Work involves:

- (1) 40 hr.; motor grader with 10-inch blade;
- (2) 40 hr.; 75 h.p. tractor with angled dozer or bulldozer;
- (3) 100 hr.; 1½-ton truck;
- (4) Force acct.; special detours.
- (5) 2000 ton selected detour surfacing.
- (6) 3346 ton ml.; haul on selected detour surfacing;
- (7) 4184 lin. ft.; remove fence;
- (8) 819 lin. ft.; remove culvert pipe.
- (9) 9 each, remove headwalls.
- (10) 103440 cu. yd.—remove and stockpile roadmix surfacing;
- (11) 72481 cu. yd.—roadway excavation;
- (12) 2025 cu. yd.—drainage excavation;
- (13) 24 sta. "V" type wickets;
- (14) 175608 yd. st.—overhaul (yd. sta.);
- (15) 3821 yd. ml.—overhaul (yd. ml.);
- (16) 1045 cu. yd.—structure excavation;
- (17) 850 cu. yd. backfill.
- (18) 879 yd. subgrade type "B."
- (19) Force account—roadside clean-up;
- (20) 5671 M gal water.
- (21) 49394 ton type 1 gravel base;
- (22) 52998 ton type 2 gravel base (1½ inch size);
- (23) 354 ton liquid asphalt, type SC-

- 1A (prime);
- (24) 103 ton liquid asphalt, type RC-2 (seal);
- (25) 415 ton liquid asphalt, type SC-2 (roadmix);
- (26) 979 mile roadmix;
- (27) 8 each, roadmix intersections;
- (28) 10900 cu. yd. salvaged aggregate;
- (29) 170 cu. yd. class "A" concrete;
- (30) 4 cu. yd. class "B" concrete;
- (31) 18945 lbs. reinforcing steel;
- (32) 26 cu. yds. mortar rubble masonry;
- (33) 330 lin. ft. 15 inch corr. metal pipe;
- (34) 334 lin. ft. 18 inch corr. metal pipe;
- (35) 50 lin. ft. 24 inch corr. metal pipe;
- (36) 866 lin. ft. froye culvert pipe;
- (37) 59 each, move pipe culvert headwalls;
- (38) 45 cu. yds. class "A" concrete curb and gutter;
- (39) 700 lbs. castings;
- (40) 4040 lin. ft. reconstruct fence;
- (41) 43 each, monuments.

Total bids follow:

- (A) W. W. Clyde & Co., Springville, Utah, \$107,693.00.
- (B) Dodge Construction, Inc., Fallon \$107,983.31.
- (C) Utah Construction Co., Ogden, \$116,099.66.
- (D) Isbell Const. Co., Reno, \$126,430.21.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 4.00	\$ 4.50	\$ 5.50	\$ 5.00
(2).....	6.00	7.00	7.00	7.50
(3).....	2.00	2.25	2.25	2.00
(4).....	1000.00	1000.00	1000.00	1000.00
(5).....	.20	.20	.25	.25
(6).....	.07	.12	.07	.10
(7).....	.03	.03	.02	.03
(8).....	.50	.75	.50	1.00
(9).....	5.00	5.00	5.00	5.00
(10).....	.03	.03	.03	.03
(11).....	.18	.22	.20	.30
(12).....	.25	.22	.30	.30
(13).....	5.00	5.00	4.00	5.00
(14).....	.01	.01	.01	.01
(15).....	.15	.10	.15	.10
(16).....	1.00	1.00	1.35	1.50
(17).....	.50	.50	.50	.50
(18).....	125.00	150.00	150.00	200.00
(19).....	1000.00	1000.00	1000.00	1000.00
(20).....	1.50	1.25	1.45	1.50
(21).....	.32	.28	.32	.32
(22).....	.45	.45	.50	.45
(23).....	17.40	17.50	20.50	22.00
(24).....	20.00	18.00	21.00	22.00
(25).....	17.90	18.00	21.00	22.00
(26).....	450.00	400.00	400.00	600.00
(27).....	15.00	30.00	25.00	50.00
(28).....	.30	.30	.33	.40
(29).....	28.00	28.00	28.00	30.00
(30).....	28.00	28.00	30.00	30.00
(31).....	.065	.07	.07	.065
(32).....	15.00	20.00	30.00	15.00
(33).....	1.60	2.25	2.25	2.00
(34).....	1.90	2.50	2.50	3.50
(35).....	2.80	3.25	3.50	3.50
(36).....	.75	.75	1.00	1.00
(37).....	10.00	10.00	10.00	10.00
(38).....	22.00	20.00	22.00	25.00
(39).....	.10	.15	.15	.15
(40).....	.05	.10	.08	.12
(41).....	3.00	3.00	3.00	3.50

SECOND NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Monterey County, over Welby Hill, about four and six-tenths miles south of Kings City, road V-Mon-2-F, for which bids are to be received in Sacramento August 3.

Said representative will meet prospective bidders on the project about 4.6 miles south of King City, Thursday, July 28, 1938, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date. * 29

COMPLETE BIDS

INYO COUNTY, Calif.—Bastch Bros., 20530 S. Normandie Ave., Torrance, at \$7,047, submitted low bid to the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, for about 0.5 miles to be graded and surfaced with road-mix surfacing in the City of Bishop between the west city limits and Main St., Inyo County, Calif.

Work involves:

- (1) 121 thousand gals. water;
- (2) 1,440 cu. yds. roadway excavation with classification;
- (3) 4,860 cu. yds. imported borrow;
- (4) 27 sta. finishing roadway;
- (5) 15 tons liquid asphalt, SC-2 (prime coat);
- (6) 1,270 cu. yds. mineral aggregate (road-mix surfacing);
- (7) 125 tons liquid asphalt, SC-3 (road-mix surfacing);
- (8) 12 tons liquid asphalt, MC-3 (seal coat);
- (9) 80 tons sand (seal coat);
- (10) 60 cu. yds. salvaged surfacing sidewalk;
- (11) 6 each adjust existing manholes to grade;
- (12) 2 each culvert markers.

Total bids follow:

- (A) Bastch Bros., 20530 S. Normandie Ave., Torrance, \$7,047.00.
- (B) Rexroth & Rexroth, Bakersfield, \$8,448.50.
- (C) E. S. & N. S. Johnson, Pasadena, \$9,647.50.
- (D) A. S. Vinnell Co., Alhambra, \$9,818.85.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	1.00	1.50	1.50	1.25
(2).....	.30	.60	.50	.30
(3).....	.40	.60	.65	.96
(4).....	10.00	15.00	12.00	15.00
(5).....	16.00	20.00	20.00	12.00
(6).....	1.20	.60	1.10	1.85
(7).....	14.00	18.00	20.00	12.50
(8).....	28.00	25.00	22.00	15.00
(9).....	4.00	2.00	6.00	4.00
(10).....	.75	4.00	4.00	1.40
(11).....	10.00	10.00	12.00	20.00
(12).....	2.50	5.00	5.00	2.00

BIDS WANTED

INYO COUNTY, Nevada.—Until Aug. 5, 1:30 P. M., bids will be received by the State of Nevada. Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for the construction of a roadmix bituminous surface on approximately 12.75 miles State Highway System from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye County, Nevada.

Work involves:

- (1) Force account roadside cleanup;
- (2) 128 tons liquid asphalt, type RC2 (seal);
- (3) 973 tons liquid asphalt, Type SC2 (readymix);
- (4) 12.75 miles roadmix;
- (5) 142 culvert markers;
- (6) 126 guide posts;
- (7) 270 cu. yds. processing stockpiled gravel;

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon the deposit of \$10.00, \$5.00 of which will be refunded. * 29

AWARD RECOMMENDED

ELKO COUNTY, Nevada.—W. W. Clyde & Co., Springville, Utah, at \$74,792.30, recommended for award by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and placing base course on 11,560 miles, Section D, of Route 18, the Owyhee River

National Forest Highway, Humboldt National Forest, and Section A of Federal Lands Highway Project 16, Elko Co., Nevada. * 29

BIDS OPENED

STATE OF OREGON.—Following submitted bids to the Oregon State Highway Commission, Public Service Building, Portland, for highway construction:

Deschutes County.—Bend Section of Century Drive Secondary Highway. State Project 12, miles grading and 0.7 mile surfacing and road mix surface treatment. Requires approximately 6,500 cu. yds. excavation; 1,600 cu. yds. pit-run cinders; 1,800 cu. yds. pit-run gravel; and 8,200 sq. yds. road mix surface treatment.

Low Bidder.—Babler Bros. Portland, \$13,774. Only other bid: Warren Northwest Inc., Portland, \$15,703. All bids rejected.

Klamath County.—Malone-California Line Section of Whinty County Road. Federal Aid Secondary Project No. FAS 17-A (1) 1.51 miles road mix surfacing. Requires approximately 500 cu. yds. pit-run gravel shoulder materials; and 17,600 sq. yds. road mix surface treatment.

Low Bidder.—Clifford A. Dunn, Klamath Falls, \$8,527. Only other bid: Babler Bros., Portland. Award pending.

Multnomah County.—Sandy Boulevard Section of Columbia River Highway, In Portland. Federal Aid Project No. 301-A (1) 1.79 miles paving. Requires approximately 2,600 cu. yds. excavation; 160 cu. yds. concrete curb; 850 sq. yds. concrete sidewalks and driveways; 7,000 sq. yds. Portland cement concrete pavement; 2,800 cu. yds. Portland cement concrete base; and 58,000 sq. yds. asphaltic concrete pavement.

Low Bidder.—Kern & Kibbe, Portland, \$104,889.50.

Other bidders—Harold Blake, Portland, \$105,166. Parker-Schram Co., Portland, \$115,427.50. City Motor Trucking Co., Portland, \$119,185.50. Warren Northwest Inc., Portland, \$124,066.50. Award pending. * 29

CONTRACT AWARDED

LINN COUNTY, Oregon.—Colonial Const. Co., Spokane, Wash., at \$132,147.70 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for 1.597 miles of grading on Santiam Highway, Grading Project 23-Ka, Ll, National Forest Road Proj., located within the Willamette National Forest, Linn County, Ore. * 29

LOW BIDDERS

COCONINO COUNTY, Ariz.—H. J. Hagen, Globe, Arizona, at \$55,893.50 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for 2.594 miles of grading and placing heavy crushed rock or gravel base course on Section F of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino Co., Ariz.

Three low bids follow: H. J. Hagen, Globe, \$55,893.50; W. E. Orr, El Paso, Texas, \$56,189; Oswald Bros., Los Angeles, \$58,574.90.

Complete bids will be published shortly. * 29

LOW BIDDER

MARICOPA COUNTY, Ariz.—Arizona Sand and Rock Co., Phoenix, at \$48,302.00 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of Mesa-Casa Grande Ruins Highway, F. A. 97-H, (1) 1938. AFE 8758. The work, which begins at south

city limits of Chandler and extends southerly for 3½ miles consists of widening the existing pavement with Portland cement concrete and placing mix intersections and is to be completed on or before Oct. 31, 1938.

Complete bids will be published shortly. * 29

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 16, 2 P. M., bids will be received by the Los Angeles County Supervisors for improving Arrow Highway, in the vicinity of Glendora, from Ben Lomond Avenue to Grand Ave., 2800 Lf. Cash Contract No. 509, involving:

- (1) 5200 c.y. embankment (inc. clearing, shaping, and preparation of sub-grade);
- (2) 94,900 sq. ft. No. 2 oiled macadam pavement;
- (3) 1500 cu. ft. 4-in. wire and rock mattress;
- (4) 528 lf. flexible metal guard rail type A, B or C);
- (5) 198 lf. 24-in. corrug. metal pipe (type A or B);
- (6) 8 y.c. cem. conc. head wall (Class A concrete). * 29

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Cal Bldg., San Francisco, at \$3,026.00 submitted only bid to the Department of Public Works, Room 251, City Hall, for the improvement of Esmeralda Avenue between Winfield St. and Elsie St., including the crossing. Est. cost, \$2,500.

Work involves:

- (1) 30 lf. 8-in. VCP sewer;
 - (2) 500 lf. 7-in. VCP side sewers;
 - (3) 363 lf. armored concrete curb;
 - (4) 6390 sq. ft. 6-in. Class E concrete pavement;
 - (5) 3 brick catchbasins, complete;
 - (6) 82 lf. 10-in. VCP culvert;
 - (7) 480 sq. ft. 2-course conc. sidewalk
- Unit prices follow:
- (1) \$3.20; (2) \$2.00; (3) \$1.00; (4) \$3.30;
 - (5) \$120; (6) \$2.30; (7) \$0.20.

BIDS WANTED

TACOMA, Pierce Co., Wash.—Until August 11, 1 P. M., bids will be received by the Tacoma Board of Contracts and Awards, 307 City Hall for laying and grading sidewalks on Puyallup Ave. from Pacific to East "G" St., Tacoma. Est. cost, \$52,600.

Work involves removing part of existing pavement, concrete base, granite and concrete curbs, concrete sidewalks and revising present existing inlets, catchbasins, etc.; and construction of concrete pavement, concrete curbs, replacing concrete walks, adjusting castings to grade and resurfacing with asphalt concrete.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. C. D. Forsbeck, city engineer. * 29

CORRECTION—BIDS WANTED

MENDOCINO CO., Cal.—Until Aug. 17, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer Public Works Bldg., Sacramento, for about 6.3 miles grading, applying penetration oil treatment, and constructing a reinforced conc. bridge between Navarro and Maple Creek, Mendocino County.

Work involves:

- (1) 44 acres clear and grub;
- (2) 3730 M. gals. water;
- (3) 111,400 c.y. rdwy. excav., unclassified;
- (4) 434,000 sta. yds. overhaul;
- (5) 6,070 c.y. struc. excav.;
- (6) 3,500 c.y. channel excav.;
- (7) 450 c.y. trench excav.;
- (8) 56,000 c.y. imported borrow;
- (9) 331 sta. finishing rdwy.;
- (10) 226 tons liq. asphalt. SC-2 (penetration oil treatment);

- (11) 927 cu. Portland cement concrete structures;
 - (12) 152,250 lbs. reinf. steel;
 - (13) 200 lbs. bronze expansion plates
 - (14) 3,340 FBM redwood timber, all heart struc. grade;
 - (15) 13 MFEM do, select all heart; struc. grade;
 - (16) 710 lf. timber railing;
 - (17) 1,434 lf. furnishing steel pile, including test piles;
 - (18) 38 each driving steel piles;
 - (19) 1 each bridge deck drains;
 - (20) 606 lf. 8-inch CMP;
 - (21) 124 lf. 12-inch CMP;
 - (22) 3650 lf. 18-inch CMP;
 - (23) 344 lf. 24-inch CMP;
 - (24) 286 lf. 30-inch CMP;
 - (25) 106 lf. 36-inch CMP;
 - (26) 138 lf. 48-inch CMP;
 - (27) 72 lf. 54-inch CMP;
 - (28) 44 lf. 60-inch CMP;
 - (29) 164 lf. 60-inch CMP 8 gauge;
 - (30) 152 lf. 66-inch CMP;
 - (31) 156 lf. 72-inch CMP;
 - (32) 2610 lf. 8-inch perforated pipe underdrains;
 - (33) 640 cu. y. rock filling material;
 - (34) 3320 cu. y. gravel;
 - (35) 295 lf. removing and salvaging pipe culvert;
 - (36) 30 each spillway assemblies;
 - (37) 9 each frames and gratings for drop inlet;
 - (38) 181 culvert markers;
 - (39) 46 each guide posts;
 - (40) 8.2 miles new property fence;
 - (41) 28 each drive gates;
 - (42) 5 each walk gates;
 - (43) 0.15 mile removing, resetting the existing fence;
 - (44) 188 each monuments;
 - (45) lump sum, removing, disposing of existing bridge;
 - (46) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. Items 1 and 15 previously reported incorrect. * 29

CONTRACT AWARDED

MARION AND LINN COS., Ore.—A Milne, Constr. Co., Portland, Ore., at \$80,749, awarded contract by the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for approximately 16,885 miles constructing or improving the North Santiam Highway Surfacing Project 24-C3, D4, National Forest Project, located within the Willamette National Forest, Marion and Linn Counties, Ore. * 29

BIDS OPENED

DOUGLAS COUNTY, Oregon.—A Milne, 7253 N. E. Broadway, Portland, at \$29,710 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing approximately 3.880 miles (including wye to Diamond Lake Highway, Surfacing Project 46-A3, B1, National Forest Road Project, located within the Umpqua National Forest, Douglas Co., Oregon.

Babler Bros., Portland, at \$33,106, submitted only other bid. * 29

BIDS WANTED

SAN FRANCISCO.—Until August 10, 2:30 P. M., bids will be received by the S. F. Department of Public Works, Room 251, City Hall, under Spec. No. 1912a, for widening and reconstructing Polk Street between Market and Grove Streets San Francisco. Estimated cost \$16,000.

Work involves:

- (1) 1100 lin. ft. stone curb reset, all sizes;
- (2) 175 sq. ft. stone curb redressed;
- (3) 100 lin. ft. armored concrete curb;
- (4) 60 lin. ft. new granite curb (tangent, 6-inch);
- (5) 10 lin. ft. new granite curb (circular, 10-inch);

- (6) 7 brick catchbasins, moved and reconstructed;
- (7) 1 brick catchbasin, complete;
- (8) 40 lin. ft. 10-inch VCP culvert;
- (9) 4 manhole frames and covers installed;
- (10) 1 low pressure fire hydrant moved;
- (11) 1 high pressure fire hydrant moved;
- (12) 800 pounds cast iron pipe (high pressure);
- (13) 75 pounds cast iron specials (high pressure);
- (14) 75 pounds cast steel specials (high pressure);
- (15) 120 pounds lead;
- (16) 5 cu. yds. high pressure hydrant excavation;
- (17) 160 pounds wrought iron bolts, nuts and washers;
- (18) 7 street and traffic signs reset;
- (19) 2 electric traffic signals relocated (vehicular);
- (20) 2 electric traffic signals relocated (pedestrian);
- (21) 1 fire alarm box relocated;
- (22) 2 electroliers relocated;
- (23) 1 700 lin. ft. 1 1/2-inch conduit;
- (24) 22,500 sq. ft. asphaltic wearing surface removed;
- (25) 5,500 sq. ft. pavement base removed;
- (26) 25 lin. ft. 6-inch VCP sewer;
- (27) 7,200 sq. ft. 8-inch class "E" 5-sack concrete pavement, parking lane.
- (28) 300 tons asphaltic concrete wearing surface.
- (29) 200 tons asphaltic concrete binder course;
- (30) 25 cu. yds. class "E" 5-sack concrete pavement base;
- (31) 100 new cross-walk markers;
- (32) 3,500 sq. ft. two-course concrete sidewalk;
- (33) Alteration and reconstruction of sub-sidewalk basement Health Center Bldg.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10.00. * 29

BIDS OPENED

SAN FRANCISCO.—A. G. Raisch, No. 1 De Haro Street, San Francisco, at \$23,246.62 submitted low bid to the Department of Public Works, Room 251, City Hall, for improving crossing at Quintara St. and Cragmont Ave., and others. Est. cost, \$27,000.

- Work involves:
- (1) 346 lf. armored concrete curb;
 - (2) 210 lf. unarmored do;
 - (3) 2150 sq. ft. 2-course conc. sidewalk;
 - (4) 8050 sq. ft. asphalt-conc. pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
 - (5) 68,500 sq. ft. asphalt-macadam pavement, consisting of a 6-in. waterbound macadam base and a 2-in. asphaltic concrete wearing surface;
 - (6) 55,000 sq. ft. emulsified asphalt-macadam pavement consisting of a 6-in. waterbound macadam base and a 2-in. emulsified asphalt wearing surface;
 - (7) 1720 lf. 6-in. VCP side sewer;
 - (8) 18 12x6-in. Y branches;
 - (9) 17 brick catchbasins, complete;
 - (10) 330 lf. 10-in. VCP culvert;
 - (11) 860 lf. 1 1/2-in. black enameled conduit;
 - (12) 50 lf. standard wood fence.
- Total bids follow:
- (A) A. G. Raisch, No. 1 De Haro St., San Francisco, \$23,246.62.
 (B) Eaton and Smith, \$27,739.10.
 (C) Chas. L. Harney, \$29,539.10.
 (D) M. J. Lynch, \$32,714.00.
 (E) The Pave Improvement Co., \$48,035.72.
- Unit prices follow:
- | | (A) | (B) | (C) | (D) | (E) |
|---------|-----|-----|-----|------|-----|
| (1).... | 77 | 100 | 85 | 1.00 | 92 |

(2) ....	.54	.53	.65	.70	.92
(3).....	.14	.15	.16	.20	.20
(4).....	.202	.25	.26	.30	.29
(5).....	.104	.125	.12	.14	.254
(6).....	.097	.135	.117	.14	.23
(7).....	.77	1.00	2.00	1.50	1.80
(8).....	4.00	1.00	3.00	3.00	15.00
(9).....	103.00	100.00	100.00	120.00	128.00
(10)....	.91	2.00	2.00	1.50	1.95
(11)....	.44	.40	.50	1.00	.80
(12)....	.96	1.30	.76	2.00	2.00

CONTRACT AWARDED
 KINGS COUNTY, Calif. — Union Paving Co., 212 Babcock Building, San Francisco, at \$97,681, was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 3.5 miles grading and paving with asphalt concrete between Armona and Hanford, Kings County, Calif. * 29

BIDS WANTED

MARISPOSA COUNTY, Calif.—Until August 17, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 12.4 miles grading and surfacing with mixture surfacing materials and untreated crushed gravel or stone between Briceburg and El Portal, Mariposa County, Cal.

- Work involves:
- (1) 657 sta. clearing and grubbing;
 - (2) 5,650 M gal. water;
 - (3) 222,630 cu. yds. roadway excav. unclass.;
 - (4) 17,323 cu. yds. structure excav.
 - (5) 3,000 cu. yds. ditch excav.
 - (6) 7,500 cu. yds. channel excav.
 - (7) 33,580 cu. yds. trench excav.
 - (8) 12,000,000 sta. yds. overhaul;
 - (9) 9,740 cu. yds. rock embankment;
 - (10) 70 cu. yds. removing concrete and rubble masonry.
 - (11) 657 sta. finishing roadway;
 - (12) 18,750 tons untreated crushed gravel or stone;
 - (13) 616 sta. reworking existing surface;
 - (14) 275 tons liquid asphalt SC-1A (penetration).
 - (15) 1050 tons screenings (penetration).
 - (16) 325 cu. yds. Class "A" Portland cement concrete structures;
 - (17) 30,000 lbs. bar reinforcing steel;
 - (18) 9,400 cu. yds. rubble masonry;
 - (19) 930 cu. yds. dry rubble;
 - (20) 950 lin. ft. masonry parapet;
 - (21) 900 cu. yds. light riprap;
 - (22) 942 lin. ft. 18-inch CMP;
 - (23) 1960 lin. ft. 24-inch CMP;
 - (24) 54 lin. ft. 30-inch CMP;
 - (25) 2826 lin. ft. removing, cleaning and relaying existing CMP;
 - (26) 75 lin. ft. removing, cleaning and salvaging existing CMP;
 - (27) 675 lin. ft. cable guard railing;
 - (28) 300 each culvert markers and guide posts;
 - (29) 65 each monuments;
 - (30) 35,000 miles traffic control car.

Plans and specifications may be obtained from the above office.

COMPLETE BIDS

YUMA CO., Ariz.—Fisher Constr. Co., 516 S 7th St., Phoenix, at \$32,405.58, submitted low bid to Arizona State Highway Commission, Phoenix, Ariz., for highway construction on the San Luis-Yuma Highway, No. F. A., AFE 9501. The work, which is to begin at the town of San Luis and extends northerly for a distance of approx. 3 miles, consists of grading and draining the roadway, importing binder material; mixing binder and local material; and oil processing the mixed material with MC-4 cutback asphalt and is to be completed on or before Oct. 31, 1938.

- The work involves:
- (1) 17,332 cu. yds. roadway excav.;
 - (2) 672 cu. yds. drainage excav.;
 - (3) 1,250 ft. grader ditches;
 - (4) 53 cu. yds. struc. excav.;

- (5) 45,066 sta. yds. overhaul;
- (6) 10,584 cu. yds. m. haul;
- (7) 1,054 cu. yds. binder;
- (8) 366 c. yds. imported borrow;
- (9) 1,195 M gal. sprinkling;
- (10) 381 hr. grading;
- (11) 8 cu. yds. class "A" conc.;
- (12) 252 lbs. reinf. steel;
- (13) 42 ft. 18-in. bitum. coated CMP;
- (14) 58 ft. 48-in. same;
- (15) 61 MMB treated timber;
- (16) 2,176 ft. treated timber piles;
- (17) 48 ea. driving piles;
- (18) 50 ft. untreated timber test piles;
- (19) 1 ea. driving test pile;
- (20) Lump sum loading test pile;
- (21) 4 ea. water barrels;
- (22) 14,235 ft. resetting fence;
- (23) 28 ea. guide posts;
- (24) 28 ea. R/W markers (type D);
- (25) 318 tons cutback asphalt (MC-4);
- (26) 092 mi. processing road mix;
- (27) 3,092 mi. mixing base material;
- (28) 787 sq. yds. removal of pace;
- (29) Lump sum removal of timber bridge (Staa 234 plus);

The total bids were:
 (A) Fisher Constr. Co., Phoenix, \$32,405.58.
 (B) John L. Thomas, Somerton, \$36,445.83.
 (C) Tiffany Constr. Co., Phoenix, \$43,518.37.
 (D) Lewis Bros. Contractors, Phoenix, \$49,806.02.

The unit bids were:

(1)	\$.25	\$.225	\$.35	\$.48
(2) .....	.20	.25	.35	.48
(3) .....	.05	.05	.06	.10
(4)	1.00	5.00	1.50	5.00
(5) .....	.015	.015	.02	.025
(6) .....	.21	.20	.40	.15
(7) .....	.30	.50	.70	1.00
(8) .....	.40	.30	.70	1.00
(9)	1.00	1.50	3.00	3.00
(10)	3.00	4.00	3.00	3.00
(11)	35.00	30.00	30.00	60.00
(12) .....	.10	.07	.10	.20
(13)	2.25	1.65	2.50	4.00
(14)	6.75	6.95	8.00	10.00
(15)	115.00	120.00	120.00	160.00
(16) .....	.85	.90	1.45	1.10
(17)	30.00	75.00	75.00	50.00
(18)	2.00	.90	2.00	1.00
(19)	200.00	200.00	250.00	750.00
(20)	100.00	150.00	100.00	100.00
(21)	10.00	10.00	15.00	20.00
(22) .....	.05	.02	.07	.05
(23)	2.50	2.50	4.00	2.00
(24)	4.00	2.80	4.00	3.00
(25)	18.00	18.00	18.00	23.00
(26)	600.00	550.00	500.00	600.00
(27)	100.00	500.00	300.00	300.00
(28) .....	.30	.30	.80	.30
(29)	50.00	50.00	200.00	100.00

BIDS OPENED

WALLOWA COUNTY, Oregon.—E. L. Gates, Crater Lake, Oregon, at \$75,200.70 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing approximately 0.996 ml. of Flora-Enterprise Highway, Grading Project 35-C, National Forest Road Project, located within Wallowa National Forest, Wallowa County, Oregon.

- Total bids follow:
 E. L. Gates, Crater Lake, Oregon, \$75,200.70.
 Leonard & Slate, Multnomah, \$78,870.00.
 K. L. Goulter, Seattle, \$82,942.00.
 Colonial Construction Co., Spokane, \$84,447.00.
 McNutt Bros., Eugene, \$89,498.00.
 James Coyle, Seattle, \$92,534.00.
 A. C. Greenwood, Portland, \$93,875.00.
 Kern & Kibbe, Portland, \$94,764.00.
 Max J. Kuney Co., Spokane, \$94,925.00.
 Sam Orino, Portland, \$95,173.00.
 Geo. F. Price, Dayton, \$98,767.00.
 Siems Spokane Co., Spokane, \$112,031.00.

COMPLETE BIDS

SUTTER COUNTY, Calif.—Hemstreet & Bell, 501 11th St., Marysville, at \$6,110.50 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, 703 "B" St., Marysville, for placing crusher run base and plant-mix surfacing borders on 1.2 miles between 6.7 miles and 5.5 miles west of Yuba City, District 111, Rt. 15, Section B, Sutter County.

- Work involves:
- (1) 75 M. gals. water;
 - (2) 1,250 tons crusher run base;
 - (3) 3 tons liquid asphalt, SC-2 (prime coat);
 - (4) 620 tons mineral aggregate (plant mixed surfacing);
 - (5) 34 tons liquid asphalt MC-4, -5 or -extra heavy (plant-mixed surfacing);
 - (6) 3 tons liquid asphalt, MC-3 or -4 (seal coat);
 - (7) 30 tons screenings (seal coat).

Total bids follow:
 (A) Hemstreet & Bell, 501 11th St., Marysville, \$6,110.50.
 (B) Piazza & Huntley, San Jose, \$7,124.50.

Unit prices follow:

	(A)	(B)
(1).....	\$ 2.00	\$ 1.00
(2).....	2.75	1.00
(3).....	2.75	2.85
(4).....	3.00	4.50
(5).....	12.00	13.00
(6).....	25.00	25.00
(7).....	4.00	4.00

AWARD RECOMMENDED

COCONINO COUNTY, Ariz. H. J. Hagen, Globe, Arizona, at \$55,893.50 recommended for award by the United States Bureau of Public Roads, New Post Office Building, Phoenix, Arizona, for 2,594 ml. grading and placing heavy crushed rock or gravel base course on Section F of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino Co., Ariz.

AWARD RECOMMENDED

ELKO COUNTY, Nev.—Utah Construction Co., Ogden, Utah, at \$40,543.50 recommended for award by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 10.132 miles placing base course on Sections A, B and C of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev.

BIDS WANTED

STATE OF OREGON.—Until Aug. 4, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, Oregon, for construction, as follows:

COOS COUNTY: Catching Slough Bridge Section of the Coos River Secondary Highway. The improvement will consist of the construction of 0.27 mile of highway roadbed and a steel and timber bridge over Catching Slough, approx. 94 ft. long. The work will involve approx. 7300 c.y. excavation, 65 lf. culvert pipe, 70 c.y. riprap, 1500 c.y. crushed gravel surfacing, 300 c.y. struc. excavation, drive 360 pilings, 90 MBM Port Orford cedar lumber, 775 lf. trestle superstructure, 360 c.y. concrete, 19,000 lbs. metal reinforcing, 184,000 lbs. structural steel, and 16,000 lbs. of machinery.

KLAMATH COUNTY: Klamath Falls Bldg. The project will consist of the construction of a frame bldg. 32 x 140 feet complete with heating plant.

LINN COUNTY: Fleming Ranch-Schindler Bridge Section of the Al-

COCONINO CO., ARIZ.—GRADING—(GOV'T.)

COCONINO COUNTY, Ariz.—H. J. Hagen, Globe, Arizona, at \$55,893.50 submitted the low bid to the United States Bureau of Public Roads, New Post Office Building, Phoenix, Arizona, for 2,594 ml. grading and placing heavy crushed rock or gravel base course on Section F of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino Co., Ariz.

- Work involves:
- (1) 17 acres clearing;
 - (2) 17 acres grubbing;
 - (3) 35,900 c.y. unclass. excav.;
 - (4) 300 c.y. unclass. excav. for structures;
 - (5) 11,700 c.y. unclass. excav. for borrow;
 - (6) 5,000 sta. yds. overhaul;
 - (7) 7,450 c.y. miles borrow haul;
 - (8) 800 lf. furrow ditches;
 - (9) 460 M. gals. watering;
 - (10) lump sum, water plant or plants for project;

- (11) 11,500 c.y. 2-in. heavy crushed rock or gravel base course;
- (12) 83 c.y. Class A concrete;
- (13) 8,550 lbs. reinforcing steel;
- (14) 20 c.y. cement rubble masonry;

	(A)	(B)	(C)
(1).....	\$100.00	\$100.00	\$100.00
(2).....	20.00	50.00	50.00
(3).....	.90	.80	.85
(4).....	2.50	2.00	2.00
(5).....	.20	.20	.25
(6).....	.05	.03	.03
(7).....	.20	.25	.35
(8).....	1.0	.15	.10
(9).....	2.00	1.50	1.00
(10).....	100.00	330.00	300.00
(11).....	.75	1.00	1.00
(12).....	30.00	26.50	30.00
(13).....	.07	.08	.06
(14).....	20.00	15.00	20.00
(15).....	2.00	2.25	2.00
(16).....	3.00	3.50	3.00
(17).....	1.00	2.00	.50
(18).....	50.00	20.00	50.00
(19).....	55.00	25.00	75.00
(20).....	10.00	10.00	15.00
(21).....	700.00	750.00	850.00
(22).....	.10	.10	.12
(23).....	3.00	3.00	3.00
(24).....	150.00	150.00	150.00

bany-Lyons Secondary Highway. The improvement will consist of the construction of 1.62 miles of highway roadbed and a concrete bridge approximately 232 ft. long over Thomas Creek. The work will involve approximately 7,500 c.y. channel excavation, 18,500 c.y. excavation single classification, 400 lf. 12-in. concrete pipe, 200 lf. 18-in. concrete pipe, 9100 c.y. surfacing material, 300 c.y. of structural excavation, 550 c.y. concrete, 102,000 lbs. metal reinf., 480 lf. of concrete handrail.

UMATILLA COUNTY: Umapine-Sunnyside Section of the Umapine Secondary Highway. The improvement will consist of the construction of approx. 15,000 c.y. excavation, 17,000 c.y. pit-run gravel roadbed topping, 5,700 c.y. crushed gravel material, 59,600 sq. yds. of oil mat surface treatment. Length of project approx. 5.64 miles.

CLATSOP and Tillamook Cos.: Arch Cape-Beach Creek Section of Oregon Coast Highway. Federal Aid Project No. 180-C (2). 2.18 miles of grading. Requires approx. 423,000 c.y. of excavation.

LANE COUNTY: Salt Creek Section of Willamette Highway. Federal Aid Project No. 195-D (1). Clearing of 3.16 miles of highway right of way.

LINN COUNTY: Shedd - Halsey Section of Pacific Highway East. Federal Aid Project No. 56-C (2). 6.78 miles roadside improvement. Requires approx. 1,700 c.y. top soil excavation; seeding 15 acres to grass;

- (15) 580 lf. 18-in. corr. galv. sheet metal pipe;
- (16) 212 lf. 24-in. do;
- (17) 362 lf. remove, clean and stockpile existing C.M. pipe;
- (18) 1 each, drop inlets, 18-inch;
- (19) 3 each, drop inlets, 24-inch;
- (20) 4 each, reinforced concrete inlet covers;
- (21) 1 each, cattle guards;
- (22) 1,770 lf. barbed wire fence;
- (23) 20 each, culvert markers;
- (24) Force account, obliteration of old roads.

- Total bids follow:
 (A) H. J. Hagen, Globe, Ariz., \$55,893.50.
 (B) W. E. Orr Contr. Co., Phoenix, \$56,189.00.
 (C) Oswald Bros., Los Angeles, \$58,574.00.
 (D) Fisher Contr. Co., Phoenix, \$61,480.00.
 (E) Tiffany Const. Co., Phoenix, \$70,404.50.
 (F) Lewis Bros., Phoenix, \$73,409.40.
 (G) Pearson & Dickerson Contrs. Inc., Prescott, \$73,652.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$100.00	\$100.00	\$100.00	\$ 90.00	\$ 75.00	\$200.00	\$100.00
(2).....	20.00	50.00	50.00	90.00	75.00	50.00	70.00
(3).....	.90	.80	.85	90	1.10	1.05	1.15
(4).....	2.50	2.00	2.00	1.75	1.50	3.00	3.00
(5).....	.20	.20	.25	.25	.30	.65	.23
(6).....	.05	.03	.03	.02	.02	.06	.01
(7).....	.20	.25	.35	.21	.20	.20	.40
(8).....	1.0	.15	.10	.15	.12	.25	.13
(9).....	2.00	1.50	1.00	1.50	1.50	1.00	1.65
(10).....	100.00	330.00	300.00	100.00	100.00	1000.00	65.00
(11).....	.75	1.00	1.00	1.10	1.35	90	1.16
(12).....	30.00	26.50	30.00	30.00	25.00	40.00	40.00
(13).....	.07	.08	.06	.08	.08	.10	.07
(14).....	20.00	15.00	20.00	20.00	20.00	20.00	24.00
(15).....	2.00	2.25	2.00	2.10	2.00	3.00	2.75
(16).....	3.00	3.50	3.00	3.00	3.00	4.00	4.00
(17).....	1.00	2.00	.50	1.50	.75	2.00	1.25
(18).....	50.00	20.00	50.00	35.00	25.00	50.00	40.00
(19).....	55.00	25.00	75.00	38.00	25.00	60.00	45.00
(20).....	10.00	10.00	15.00	10.00	10.00	10.00	15.00
(21).....	700.00	750.00	850.00	75.00	650.00	600.00	500.00
(22).....	.10	.10	.12	.15	.10	.12	.20
(23).....	3.00	3.00	3.00	3.00	3.00	2.00	2.75
(24).....	150.00	150.00	150.00	150.00	150.00	150.00	150.00

and planting of trees and shrubs. Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.

CONTRACTS AWARDED

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, State of Washington, awarded contracts for highway construction, as follows:

KING CO.: Paving with Portland cement concrete and constructing a steel and concrete undercrossing and shoofly trestle on about 0.3 mile of Primary State Highway No. 5, Pacific Coast Railroad Co. Undercrossing at Maplewood. Federal Aid Crossing Project No. PAFS 19-A (1) in King County, Wash., involving about 23,400 cu. yds. of excavation; 4,040 cu. yds. of selected roadway borrow, 2,260 cu. yds. of railroad ballast, 4,166 square yards of Portland cement concrete pavement, 1,020 cu. yds. of concrete, 49,880 lbs. of steel reinforcing bars, 553,000 pounds of structural steel, 12,000 lbs. of cast steel, 40,000 lbs. of wrought iron, 8-250 lf. of untreated piling, 58 MBM untreated timber and lumber, 200 lf. of beam type guard rail, 804 lf. of pipe culverts and other items.

Awarded: M. P. Butler, 3419 13th Ave., N. E., Seattle, \$122,489.23.

Pierce County: Clearing, grading, draining surfacing, constructing a bituminous surface treatment "plant mix" type and a reinforced concrete girder undercrossing on about 0.4 mile of Secondary State High-

way No. 5-D, C. M. St. P. & P. R. Federal undercrossing near Puyallup. Federal Aid Grade Crossing Project No. F A G S 2-A (1) in Pierce County, Wash., involving about 136,640 cu. yds. of excavation, 1,190 cu. yds. of crushed stone surfacing, 3,867 lf. of cable guard rail design No. 6, 4 MBM of untreated timber and lumber, 626 cu. yds. of concrete, 168,000 pounds of steel reinforcing bars, 6,300 lbs. of structural steel (galvanized) 5-1/2" x 10" of untreated timber piling, 1,072 tons of bituminous mixture plant mix, 27 tons of bit cement, 7,764 lf. of half round corrugated metal gutter, 923 lf. of pipe culverts and other items.

Awarded Acme Construction Co., 772 13th Ave., Seattle, 992,768.94.

PIERCE COUNTY: Clearing, grading, draining, paving with Portland cement concrete and constructing a reinforced concrete and steel undercrossing on about 0.01 mile of Secondary State Highway No. 5-C, Allison Vicinity - Undercrossing, Federal Aid Grade Crossing Project No. F A G S 2-B (2) in Pierce County, Wash. Involving about 5 acres of clearing, 650 c.y. of excavation, 68,520 c.y. of selected roadway borrow, 2,820 cu. yds. of railroad track ballast, 1,900 railroad track ties, 22,000 lbs. of steel reinforcing bars, 154,000 lbs. of structural steel, 81 sq. yds. of cement concrete pavement, 420 lf. of treated piling, 4 MBM treated timber and lumber, 249 lf. of pipe culverts and other items.

Awarded: Frank McHugh, 1624 S. Tacoma Ave., Tacoma, 556,128.75.

GRANT COUNTY: Clearing, grading, draining, placing surfacing from stockpile, constructing a reinforced concrete and steel undercrossing and constructing a railroad shoofly trestle on about 0.3 mile of Primary State Highway No. 18, Neppel East-N. P. Ry. Undercrossing, Federal Aid Proj. No. 280 (1) in Grant Co., Wash., involving about 5 acres of clearing, 14,180 cu. yds. of excavation, 752 c.y. of concrete, 62,850 lbs. of steel reinforcing bars, 128,000 lbs. of structural steel, 29 MBM of untreated timber and lumber, 2,300 lf. of untreated timber piling, 177 lf. of pipe culverts and other items.

Awarded: Sather & Sons, 12039 Greenwood Ave., Seattle, 936,793.05.

ADAMS AND WHITMAN COS.: Clearing, grading, draining and surfacing about 13.3 miles of Secondary State Highway No. 11-B, Hooper West, Federal Aid Secondary Project No. FAS 40-A (1), in Adams and Whitman Cos., Wash., involving about 9,260 c.y. of excavation, 2,380 c.y. of selected roadway borrow, 18,220 c.y. of crushed stone surfacing 168 lin. ft. of pipe culverts and other items.

Awarded: Roy L. Bair, 1220 Ide Ave., Spokane, 825,713.30.

CONTRACT AWARDED

MONO COUNTY, Cal.—A. S. Vinell Co., 969 Amalia Ave., Los Angeles, at \$75,764 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 3.5 miles grading, surfacing with road-mixed surfacing, and applying a Class A seal coat between Sonora Junction and Coleville, Mono County, Calif. * 29

BIDS OPENED

GRANT COUNTY, Oregon.—M. L. O'Neill, Eugene, at \$77,182.95 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing 2.196 miles John Day-Burns Highway Reconstruction Grading Project 35-A5, National Forest Road Project, located within the Malheur National Forest,

Grant County, Oregon.

Total bids follow:

M. L. O'Neill, Eugene, \$77,193.95.

Coos Bay Construction Co., Portland, \$85,185.00.

E. C. Hall, Eugene, \$87,794.00.

Harold Blake, Portland, \$88,839.00.

Leonard & Slate, Multnomah, \$89,106.00.

J. A. Terteling & Sons, Boise, \$89,576.00.

Kern & Kibbe, Portland, \$89,775.00.

C. Papin, Carson, \$90,287.00.

F. C. Dilliard, Medford, \$91,481.00.

A. S. Lyons, Portland, \$91,773.00.

K. L. Goulter, Seattle, \$92,266.00.

Joseph & Eldon, Portland, \$94,997.00.

McNutt Bros., Eugene, \$95,667.00.

H. E. Cornell, Boise, \$99,680.00.

Natt, McDouglass Co., Portland, \$105,585.00.

A. C. Greenwood, Portland, \$105,816.00.

Sam Orino, Portland, \$113,600.00.

Max J. Kuney, Spokane, \$143,471.00.

29

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—Macco Construction Co., 815 Paramount Blvd., Clearwater, at \$312,555 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 8 miles of grading, constructing soil cement base and crusher run base, surfacing with plant-mixed surfacing, and constructing three reinforced concrete slab bridges between Muir and Willow Pass, Contra Costa County. * 29

LOW BIDDER

INYO COUNTY, Cal.—Basich Bros., 20530 S. Normandie Ave., Torrance, at \$7,047.01 submitted low bid to the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, for about 0.5 mile to be graded and surfaced with road-mix surfacing in the City of Bishop between the west city limits and Main Street, Inyo County.

Complete bids will be published shortly. * 29

July 26, 1938

BIDS WANTED

STATE OF WASHINGTON.—Until August 9, 10:00 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for bridge and highway construction, as follows:

KING CO.—Paving with Portland cement concrete constructing a reinforced concrete rigid frame bridge with reinforced concrete approach spans and on about 0.1 miles of Primary State Highway No. 2, Cedar River Bridge and Approaches in Renton, Federal Aid Projects Nos 24 (4) and 109 (2), in King County, Washington, involving about 1,920 c. yds. of excavation, 2,341 square yards of cement concrete pavement, 1,356 cu. yds. of concrete, 237,000 pounds of steel reinforcing bars, 13,400 pounds of cast steel, 400 pounds of cast chromium metal, 4,410 linear feet of steel piling, 64 M. B. M. of untreated timber piling, 2,710 linear feet of untreated timber piling, 180 linear feet of pipe culverts and other items.

CLARK CO.—Clearing, grading, draining and constructing asphaltic concrete pavement Type I-1 on about 2.0 miles of Secondary State Highway No. 1-1, Vancouver to Vancouver Lake, Federal Aid Secondary Project No. F. A. S. 35-A (1), in Clark County, Washington, involving about 3,520 cu. yds. of excavation, 1,300 cubic yards of selected roadway borrow, 4,455 tons of asphaltic concrete Type I-1, 720 linear feet of pipe culverts and other items.

GRAYS HARBOR CO.—Clearing, grading, drainage, surfacing and constructing a treated pile and timber

trestle on about 3.0 miles of Secondary State Highway No. 9-C, Pacific Beach East, Federal Aid Secondary Project No. FAS 25-A (1), in Grays Harbor County, Washington, involving about 18 acres of clearing, 53,750 cu. yds. of excavation, 20,270 cu. yds. of selected roadway borrow, 4,870 cu. yds. of crushed stone surfacing, 64 M. B. M. of creosote treated and 5 M. B. M. of zinc chloride treated timber and lumber, 1,650 lin. ft. of treated timber piling, 996 linear feet of pipe culverts and other items.

WHITMAN CO.—Clearing, grading, draining, surfacing, manufacturing and stockpiling crushed stone and mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 8.5 miles of Primary State Highway No. 3, Palouse to Garfield, U. S. Public Works Project No. Wash 1395-P, in Whitman County, Washington, involving about 182,265 cubic yards of excavation, 60,390 cubic yards of crushed stone surfacing, 1,760 cubic yards of mineral aggregate (oil rock), 206 tons of bituminous cement, 195 cubic yards of concrete, 32,250 pounds of steel reinforcing bars, 14,509 linear feet of cable guard rail design No. 6, 12 MBM of treated timber and lumber, 2,164 linear feet of pipe culverts and other items.

WING AND SNOHOMISH COS.—Paving with Portland cement concrete on about 3.0 miles of Secondary State Highway No. 2-B, Lake Forest Park to Junction of Primary State Highway No. 1, U. S. Public Works Project No. Wash. 1301-F, in King and Snohomish Counties, Washington, involving about 1,900 cubic yards of excavation, 6,590 cubic yards of selected roadway borrow, 32,848 sq. yds. of Portland cement concrete pavement, 18,300 pounds of pavement reinforcing, 276 linear feet of pipe culverts and other items.

KLICKITAT CO.—Clearing, grading, draining and surfacing of about 2.1 miles of Secondary State Highway No. 8-D, Hucum Vicinity, U. S. Public Works Project No. Wash. 1462-E, in Klickitat County, Washington, involving about 14 acres of clearing, 44,850 cubic yards of excavation, 6,830 cubic yards of crushed stone surfacing, 966 linear feet of pipe culverts and other items.

ADAMS CO.—Constructing a light bituminous surface treatment on about 47.6 miles of Primary State Highway No. 18, Burley to Adams County Line, State Project, in Grant County, Washington, involving about 1,438 tons of bituminous cement and other items.

ADAMS CO.—Constructing a light bituminous surface treatment on about 28.5 miles of Primary State Highway No. 18, Grant County Line to Ritzville and Secondary State Highway No. 4-B Connection, State Project, in Adams County, Washington, involving about 907 tons of bituminous cement and other items.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00. * 29

30—RESERVOIRS & DAMS

CONTRACT AWARDED

WAHKIAKUM County, Wash.—The Gilpin Const. Co., Portland, Oregon, at \$42,816 awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 608-35-627, for construction of approximately 1,635 lf. of pile and stone dikes in Columbia river at five different sites on the south bank of Puget Island in the vicinity of Welcome Slough, and located in Diking District No. 1, about 40 miles above the mouth of the Columbia River, Kahlkikum County,

31—PIPE LINES & WELLS

BIDS WANTED

ALCATRAZ, Calif.—Until August 10, 1:00 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing materials and performing the work for a fresh water supply pipe line at the U. S. Penitentiary at Alcatraz, Calif.

Plans and specifications may be obtained from the above office and from the office of Wm. Arthur Newman, District Engineer, 232 Federal Office Building, San Francisco, Cal.

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 2, 10 A. M., bids will be received by the San Diego city council for the construction of about 3500 feet of 18-in. cast iron pipe line one mile north of Del Mar, located in front of the fair grounds of the 22nd Agricultural District Assn. property, in accordance with plans and specifications which may be obtained at the office of Hydraulic Engineer Howard Pyle, 524 "F" St., San Diego, upon deposit of \$10, returnable. Certified check or bidder's bond for 10% must accompany each proposal.

The work involves:

- (1) 1600 c.y. excav.
- (2) 1350 c.y. backfill;
- (3) 400 c.y. obtaining and hauling sand;
- (4) 20 c.y. Class 2 struc. excav.
- (5) 40 c.y. Class 3 short trench excavation;
- (6) 3460 ft. 18-in. I D Class 150 cast iron pipe in place;
- (7) 2 18x4-inch Class D cast iron blowouts, in place;
- (8) 2 18x6-in. Class D cast iron flanges, in place;
- (9) 1 18-in. Class D cast iron sleeve, in place;
- (10) 10 ft. 18-in. Class 150 cast iron pipe shore section, delivered but not in place;
- (11) 1 18-in. Class 150 cast iron stand section with one flange, in place
- (12) 10 ft. 18-in. Class 150 short section cast iron pipe, with one flange, delivered but not in pl.;
- (13) 1 18-in. Class D 30-deg. angle in place;
- (14) 1 18-in. 1/2-steel plate 60-deg. angle with one standard steel flange;
- (15) 2 18-in. horizontal bevel geared gate valves, hub end;
- (16) 2 18-inch vertical geared gate valves;
- (17) 2 4-in. blow out assembly with 4-in. gate valves;
- (18) 110 ft. 6-in. standard wrought iron pipe;
- (19) 100 ft. 4-in. do;
- (20) 2 2-in. pressure air valve assemblies;
- (21) 2 2-in. comb. pressure and vacuum valves assemblies;
- (22) 20 ft. 12-in. stand. steel pipe short section to fit over valves;
- (23) 4 12-in. cast iron covers for 12-in. steel pipe;
- (24) 2 cast iron valve chamber entrance unit;
- (25) 2 18-in. stand. steel flange delivered but not in place;
- (26) 20 c.c.y. concrete unclass.;
- (27) 30 bbls. cement in place;
- (28) 2000 bbls. reinf. steel in place;
- (29) 80 ft. 18-in. I D cast iron Class 150 pipe delivered but not in pl.

This is a PWA job, estimated to cost \$22,750, including engineering and contingents. The federal grant is 45% of this amount.

MENDOCINO CO.—GRADING & SURFACING—(STATE)

MENDOCINO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$44,301.65 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 0.6 mile to be graded and surfaced with road mix surfacing, and placing sacked concrete riprap, five and one-half miles east of Route 1 and Lake County portions between 17 and 23 miles east of Lucerne, 1-Men, Lak-15-A.C., Mendocino county.

- (1) clear and grub;
- (2) 155 M. gals. water;
- (3) 10,700 c.y. rdwy. excav., unclass.
- (4) 4,400 c.y. struc. excav.;
- (5) 20,500 sta. yds. overhaul;
- (6) 110 c.y. rock embankment;
- (7) 31 sta. finish rdwy.;
- (8) 1,030 c.y. gravel base;
- (9) 420 c.y. min. agg. road mix surf.
- (10) 6.6 tons liq. asph. SC-1A, prime coat;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$500.00	\$500.00	\$400.00	\$500.00	\$300.00	\$500.00	\$1500.00
(2).....	1.50	1.00	1.50	1.00	2.00	2.00	2.00
(3).....	.66	.40	.40	.40	.45	.53	.80
(4).....	1.10	1.00	1.40	1.10	1.75	1.50	1.40
(5).....	.02	.01	.01	.01	.01	.01	.01
(6).....	3.00	2.00	2.00	1.00	5.00	1.00	5.00
(7).....	5.00	5.00	10.00	5.00	8.00	10.00	5.00
(8).....	1.20	1.00	.60	1.20	1.50	1.00	1.30
(9).....	2.00	2.00	2.00	2.60	3.00	2.00	3.00
(10).....	20.00	25.00	18.00	30.00	30.00	25.00	30.00
(11).....	18.00	20.00	20.00	30.00	28.00	25.00	20.00
(12).....	.15	.06	.07	.10	.10	.06	.10
(13).....	35.00	30.00	35.00	40.00	30.00	40.00	40.00
(14).....	10.50	11.00	14.00	12.25	10.00	13.00	16.00
(15).....	2.30	1.50	2.00	2.60	2.25	2.00	2.00
(16).....	3.00	2.00	2.50	4.00	3.25	3.00	3.00
(17).....	18.14	10.00	8.75	9.50	8.90	9.00	8.80

Contra Costa Co.—Grad., Surf., Bridge Constr.—(State)

CONTRA COSTA COUNTY, Cal.—Macco Construction Co., 815 Paramount Blvd., Clearwater, at \$312,555.40 (Alterinate "C") submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 8 miles grading, constructing soil cement base and crusher run base, surfacing with plant-mixed surfacing, and constructing three reinforced concrete slab bridges between Muir and Willow Pass, Contra Costa County.

Work involves:

- (1) Clear and grub;
- (2) 7,000 M. gals. water;
- (3) 495,000 c.y. rdwy. excav., unclass.
- (4) 5,000 c.y. ditch and channel excavation;
- (5) 4,250 c.y. struc. excav.;
- (6) 6,050,000 sta. yds. overhaul;
- (7) 170 c.y. remove concrete;
- (8) 425 sta. finish rdwy.;
- (9) 20,000 tons crusher run base;
- (10) 115 tons liquid asphalt MC-2, prime coat;
- (11) 16,500 tons min. agg., plant-mix surf.;
- (12) 910 tons liquid asphalt MC-4 or MC-5 plant mix surf.;
- (13) 80 tons liquid. asph., 90-95, seal coat;
- (14) 1,500 tons screenings, seal coat;
- (15) 200 tons liquid asph., SC-1A, shouiders;
- (16) 125 tons liq. asph., SC-2 do;
- (17) 4,000 bbls. Portland cement soil cement base;
- (18) 49,000 sq. yd. soil cement base;
- (19) 279,000 lbs. bar reinf. steel;
- (20) 1,640 c.y. Class A Portland cement conc. struc.;
- (21) 50 c.y. Class A Portland cement concrete railing;
- (22) 80 c.y. Class A Portland cement conc. slope pavement and cutoff wall;
- (23) 7,100 lbs. misc. iron and steel;

- (11) 33 tons liq. asph. SC-4 road mix surf.;
 - (12) 25 lbs. bar reinf. steel;
 - (13) 1 c.y. Class A Portland cement concrete;
 - (14) 885 c.y. rubble masonry;
 - (15) 64 lf. 18-in. CMP;
 - (16) 20 lf. 24-in. CMP;
 - (17) 2,555 c.y. sacked conc. riprap;
- Total bids follow:
- (A) Lee J. Immel, 1031 Evelyn St., Berkeley, \$44,301.65.
 - (B) E. A. Forde, San Anselmo, \$45,882.50.
 - (C) Fred J. Maurer & Son, Inc., Eureka, \$45,981.30.
 - (D) Claude C. Wood, Lodi, \$46,724.25.
 - (E) Pacific States Const. Co., San Francisco, \$47,121.00.
 - (F) Hemstreet & Bell, Marysville, \$48,095.50.
 - (G) N. M. Ball Sons, Oakland, \$54,707.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$500.00	\$500.00	\$400.00	\$500.00	\$300.00	\$500.00	\$1500.00
(2).....	1.50	1.00	1.50	1.00	2.00	2.00	2.00
(3).....	.66	.40	.40	.40	.45	.53	.80
(4).....	1.10	1.00	1.40	1.10	1.75	1.50	1.40
(5).....	.02	.01	.01	.01	.01	.01	.01
(6).....	3.00	2.00	2.00	1.00	5.00	1.00	5.00
(7).....	5.00	5.00	10.00	5.00	8.00	10.00	5.00
(8).....	1.20	1.00	.60	1.20	1.50	1.00	1.30
(9).....	2.00	2.00	2.00	2.60	3.00	2.00	3.00
(10).....	20.00	25.00	18.00	30.00	30.00	25.00	30.00
(11).....	18.00	20.00	20.00	30.00	28.00	25.00	20.00
(12).....	.15	.06	.07	.10	.10	.06	.10
(13).....	35.00	30.00	35.00	40.00	30.00	40.00	40.00
(14).....	10.50	11.00	14.00	12.25	10.00	13.00	16.00
(15).....	2.30	1.50	2.00	2.60	2.25	2.00	2.00
(16).....	3.00	2.00	2.50	4.00	3.25	3.00	3.00
(17).....	18.14	10.00	8.75	9.50	8.90	9.00	8.80

- (24) 1.0 MFMB Redwood timber seel ect all-heart struc. grade;
 - (25) 1,600 lf. 8-in. CMP;
 - (26) 640 lf. 12-in. CMP;
 - (27) 460 lf. 15-in. CMP;
 - (28) 2,600 lf. 18-in. CMP;
 - (29) 822 lf. 24-in. CMP;
 - (30) 332 lf. 30-in. CMP;
 - (31) 174 lf. 30-in. CMP 12-gauge;
 - (32) 220 lf. 36-in. CMP;
 - (33) 1, each 30-in. automatic drainage gate;
 - (34) 2,000 lf. 8-in. perf. metal pipe;
 - (35) 350 c.y. rock filling material;
 - (36) 240 lf. existing pipe culverts removed, cleaned and salvaged;
 - (37) 75 each spillway assemblies;
 - (38) 11.7 miles new property fence, wire mesh;
 - (39) 4 miles do, barbed wire;
 - (40) 40 each 14-ft. drive gates;
 - (41) 15 each 16-ft. drive gates;
 - (42) 200 each guide posts;
 - (43) 100 each culvert markers;
 - (44) 1 lot remove exist. bridge;
 - (45) 115 each monuments;
 - (46) 1 only timber trestle railroad shoffly;
 - (47) 1 lot misc. bridge items.
- ALTERNATIVE ITEMS—ALT. "A"**
- (48) 2,940 lf. furnish precast conc. piles;
 - (49) 90 each drive precast concrete piles;
- ALTERNATIVE "B"**
- (50) 2,940 lf. furnish cast in place conc. piles, type not requiring mandrel;
 - (51) 90 each driving steel shells, type not requiring mandrel;
- ALTERNATIVE "C"**
- (52) 2,940 lf. furnish cast in place concrete piles, mandrel type;
 - (53) 50 each drive steel shells, mandrel type.
- NOTE: A bidder is required to submit a bid on one alternative and may, but is not required, to submit bids on all alternatives.

Total bids follow:
 (A) Macco Const. Co., 815 Paramount Blvd., Clearwater, sub-total, \$304,545.40; Alt. C, \$312,555.40.
 (B) Fredericksen & Westbrook, Lower Lake, sub-total, \$324,114.50; Alt. A, \$335,874.50; Alt. B, \$335,874.50.
 (C) Granfield-Farrar & Carlin, S. F., sub-total, \$330,073.50; Alt. C, \$342,589.50.
 (D) Hanrahan Co., S. F., sub-total, \$340,944; Alt. A, \$348,348.

(E) George Pollock Co., Sacramento, sub-total, \$345,681.50; Alt. B, \$355,731.50; Alt. C, \$354,876.50.
 (F) Heafey-Moore and Fredrickson and Watson, Oakland, sub-total, \$358,859.63; Alt. C, \$369,197.63.
 (G) N. M. Ball Sons, Berkeley, sub-total, \$359,588.50; Alt. C, \$371,006.50.
 (H) A. Teichert & Son, Inc., Sacramento, sub-total \$459,378; Alt. A, \$468,758; Alt. C, \$468,582.
 Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$7500.00	\$8000.00	\$2500.00	\$12133.70	\$5000.00	\$3000.00	\$6000.00	\$6000.00
(2).....	.50	1.00	1.00	1.00	1.25	1.50	1.10	1.50
(3).....	219	24	235	21	24	256	29	36
(4).....	.40	.50	.50	.30	.40	.153	.50	.50
(5).....	1.25	1.00	1.25	1.00	1.00	1.00	1.30	1.40
(6).....	.002	.001	.003	.003	.004	.003	.003	.003
(7).....	3.00	3.00	2.00	2.50	3.00	2.45	2.00	2.50
(8).....	5.00	5.00	6.00	6.00	7.00	4.88	5.00	10.00
(9).....	1.30	1.60	1.60	1.90	1.50	1.90	1.60	2.20
(10).....	11.50	9.50	12.00	10.00	12.00	10.45	9.00	12.00
(11).....	1.80	2.30	2.30	2.30	2.00	2.33	1.80	2.70
(12).....	10.00	8.00	8.00	9.00	11.00	11.00	9.50	9.50
(13).....	12.50	9.00	12.00	11.00	14.00	10.60	10.00	13.50
(14).....	2.50	2.00	2.25	2.50	3.00	2.33	2.00	2.50
(15).....	10.00	8.00	12.00	9.00	11.00	8.83	9.00	11.00
(16).....	11.00	9.00	12.00	11.00	12.00	9.85	10.00	12.00
(17).....	2.10	1.80	2.00	3.50	2.20	2.56	2.00	2.25
(18).....	.11	.07	.08	.06	.10	.13	.08	.20
(19).....	.045	.04	.045	.05	.045	.0428	.042	.046
(20).....	17.00	20.00	17.50	13.50	19.00	20.00	21.00	28.00
(21).....	60.00	60.00	40.00	63.00	45.00	45.00	60.00	65.00
(22).....	14.00	15.00	12.50	15.00	13.00	20.00	16.00	20.00
(23).....	.13	.20	.10	.10	.20	.14	.11	.15
(24).....	140.00	150.00	100.00	123.00	100.00	110.00	125.00	150.00
(25).....	.80	.95	1.00	1.00	1.00	.97	.90	1.15
(26).....	1.15	1.25	1.25	1.40	1.25	1.30	1.20	1.40
(27).....	1.30	1.50	1.50	1.50	1.50	1.58	1.45	1.65
(28).....	1.65	1.75	2.00	2.00	2.00	1.88	2.00	2.00
(29).....	2.50	2.60	3.00	3.00	3.00	2.83	2.55	3.00
(30).....	3.20	3.40	3.50	3.50	4.00	3.56	3.20	4.00
(31).....	4.00	4.00	4.50	4.20	5.00	4.45	4.00	5.00
(32).....	5.00	5.00	5.00	5.50	6.00	5.35	5.00	5.50
(33).....	55.00	50.00	60.00	51.00	60.00	55.25	50.00	50.00
(34).....	.80	.90	1.00	1.00	.90	.87	1.10	1.15
(35).....	3.00	3.00	3.00	3.50	2.50	2.30	2.70	3.75
(36).....	1.00	.50	.50	.50	.50	.61	.50	1.00
(37).....	13.00	16.00	15.00	15.00	15.00	15.00	15.00	20.00
(38).....	650.00	550.00	650.00	603.00	600.00	660.00	650.00	850.00
(39).....	500.00	430.00	500.00	503.00	500.00	420.00	500.00	600.00
(40).....	18.00	17.00	20.00	21.00	16.00	30.00	21.00	23.00
(41).....	20.00	20.00	25.00	22.00	18.00	30.00	24.00	26.00
(42).....	2.00	1.60	1.75	2.00	3.00	2.15	2.00	3.00
(43).....	2.00	1.60	2.25	2.00	3.50	2.15	2.00	3.00
(44).....	200.00	100.00	300.00	303.00	75.00	185.00	100.00	500.00
(45).....	3.00	2.00	3.00	2.50	3.50	3.00	2.00	3.50
(46).....	1700.00	2000.00	1000.00	1503.00	3000.00	1575.00	2500.00	4500.00
(47).....	230.00	500.00	300.00	403.00	150.00	400.00	500.00	750.00
ALTERNATE ITEMS—ALTERNATE "A"								
(48).....	2.00	.....	1.60	.....	.....	.....	.....	2.00
(49).....	66.00	.....	30.00	.....	.....	.....	.....	50.00
ALTERNATE ITEMS—ALTERNATE "B"								
(50).....	2.00	.....	.....	2.50	.....	.....	.....	.....
(51).....	66.00	.....	.....	30.00	.....	.....	.....	.....
ALTERNATE ITEMS—ALTERNATE "C"								
(52).....	1.50	.....	1.50	.....	1.75	2.50	2.20	1.60
(53).....	40.00	.....	90.00	.....	45.00	43.00	55.00	50.00

SAN FRANCISCO—MAINS IN 19th AVE.—(CITY)

SAN FRANCISCO.—Martin Murphy, 734 Santa Fe Avenue, Albany, at \$7,468.60 submitted the low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, under Spec. No. WD 172, for laying of 6-inch cast iron mains in 19th Ave., Lincoln Way to Lawton St., San Francisco.

- Work involves:
- (1) 4,870 lin. ft. excavation and backfill for 6-inch pipe trench 17-inch wide by 36-inch deep.
 - (2) 80 cu. yds. additional excavation and backfill.
 - (3) No item 3.
 - (4) Installing 4,870 lin. ft. 6-inch bolted joint cast iron pipe.
 - (5) 6,500 lbs. installing of fittings, gate valves, etc.
 - (6) 110 lin. ft. bell and spigot joints for pipe and fittings.
 - (a) 815 joints for 6-inch cast iron pipe.
 - (7) 1,000 sq. ft. repavement.

- (8) No item 8.
 - (9) No item 9.
 - (10) Furnishing cast iron bolted joint pipe—Class 150; 4870 lin. ft. 6-inch pipe at \$0.74 per lin. ft.
 - (11) Furnishing bell and gate valves:
 - (a) 2 four-inch valves at \$12.00 each.
 - (b) 11 six-inch valves at \$16.80 each.
 - (12) Furnishing bell and spigot cast iron fittings: 2250 lbs. at \$0.06 per lb.
 - (13) Furnishing steel band and bolts: 1200 lbs. at \$0.05 per lb.
 - (14) No item 14.
 - (15) No item 15.
 - (16) Lump sum—Engineering, Supervision and Inspection, at \$543.00.
 - (17) Lump sum—connections at \$553.70.
- Total bids follow:
 (A) Martin Murphy, 734 Santa Fe Ave., Albany, \$7,468.60.

32— SEWERS & SEWAGE DISPOSAL PLANTS

July 28, 1938

BOND ELECTION
 LAKEPORT, Lake Co., Calif.—The City of Lakeport will vote on a proposal August 16 to vote bonds in the amount of \$26,000, proceeds to be used in construction of sewage disposal system. 32

BIDS WANTED
 PETALUMA, Sonoma Co., Calif.—As previously reported, until Aug. 1, 7:30 P. M., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, Petaluma, for construction of Unit "D", Mountain View Avenue storm drain line, Municipal Sewage Disposal Project, Petaluma.

Work involves approximately 2,025 twin 30-inch reinforced concrete line or a single 48-inch corrugated culvert line, complete with inlet structures, catchbasins, curbs and gutters. Work to be completed by Sept. 15.
 Plans and specifications may be obtained from the above office upon deposit of \$20.00. Harry N. Jenks, 2701 Benvenue Ave., Berkeley, Consulting Engineer. 32

BIDS WANTED
 OAKLAND, ALAMEDA CO., Calif.—Until August 9, 1:00 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for construction of drain structures in Mountain Blvd., between Golf Link Road and Oak Knoll Blvd., Oakland, Calif.

- Work involves:
- (1) 909 lin. ft. 7-inch by 6-inch concrete culvert;
 - (2) 891 lin. ft. 7-inch by 6-inch by 6-inch concrete culvert;
 - (3) 1 reinforced concrete taper section, 10 feet long;
 - (4) 1 reinforced concrete taper section, 5 feet long;
 - (5) 1 concrete curtain wall;
 - (6) 145 lin. ft. 42-inch reinforced concrete pipe conduit;
 - (7) 34 lin. ft. 34-inch plain pipe conduit;
 - (8) 68 lin. ft. 42-inch plain pipe conduit;
 - (9) 62 lin. ft. 12-inch pipe conduit;
 - (10) 3 manholes, Type B, inlet top;
 - (11) 1 storm water inlet, Type B;
 - (12) 2 manholes, standard top.
- Plans and specifications may be obtained from the above office upon the deposit of \$5.00. 32

BOND ELECTION
 SAN LEANDRO, Alameda Co., Cal.—The City of San Leandro will vote on a proposal Aug. 16 to vote bonds in the amount of \$125,000, proceeds to be used in the construction of a sewage and garbage disposal plant. 32

33— WATER WORKS

NOTICE
 SACRAMENTO, Calif.—A public hearing will be held by Col. L. E. Chambers, District Engineer, at 10:00 a.m., Tuesday, August 16, 1938, in the Assembly Room, Chamber of Commerce Building, 917 Seventh St., Sacramento, to give local interest an opportunity to express their views of the existing project for the improvement of the Sacramento River, Calif. 33

CONTRACT AWARDED
 ELDRIDGE, Sonoma Co., Calif.—Parish Bros., 450 40th Street, Oakland, at \$45,920.00, were awarded con-

(B) W. J. Tobin, Oakland, \$7,610.00.
 (C) E. J. Treacy, San Francisco, \$7,686.36.
 (D) Chas. L. Harney, San Francisco, \$7,751.23.

(E) S. F. Water Dept., \$7,971.80.
 (F) The Pay Improvement Co., San Francisco, \$8,191.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$.30	\$.30	\$.333	\$.329	\$.40	\$.37
(2)	1.00	.50	1.00	1.00	1.00	.01
(3)						
(4)	.04	.06	.055	.06	.05	.105
(5)	.02	.03	.03	.03	.02	.03
(6)	.40	.30	.30	.30	.30	.40
(6a)	.30	.30	.30	.30	.20	.41
(7)	.20	.25	.15	.20	.26	.20
(8)						
(9)						
(10)	.74	.74	.74	.74	.74	.74
(11a)	12.00	12.00	12.00	12.00	12.00	12.00
(11b)	16.80	16.80	16.80	16.80	16.80	16.80
(12)	.06	.06	.06	.06	.06	.06
(13)	.05	.05	.05	.05	.05	.05
(14)						
(15)						
(16)	543.00	543.00	543.00	543.00	543.00	543.00
(17)	583.70	583.70	583.70	583.70	583.70	583.70

LOS ANGELES CO.—BRIDGE CONSTR.—(COUNTY)

LOS ANGELES, Calif.—Bids for the construction of a reinforced concrete bridge on Clara St. across the Los Angeles River, were opened by the L. A. County Supervisors. The bids were taken on the following items:

- (1) Divided into alternative types as follows: (1-A), (1-B) and (1-C) for the construction of reinforced concrete bridge, complete;
- (2) Paving of levee slopes in old abutment zones, complete;
- (3) 33,110 cu. yds. embankment (incl. clearing, shaping and preparation of subgrade);
- (4) 576 cu. yds. cement concrete curb, walk, gutter and retaining wall;
- (5) 3,323 tons disintegrated rock base;
- (6) 45,050 sq. ft. No. 2 macadam pavement;
- (7) 785 tons asphaltic concrete wearing surf.;
- (8) 1,320 tons asphaltic concrete base;
- (9) 2 complete standard catch basin No. 6;
- (10) 2 complete standard catch basin No. 8;
- (11) 2 complete outlet struc. (incl. drainage gates and appurtenant work);
- (12) 40 lin. ft. 15-in. corr. metal pipe;
- (13) 1,492 lin. ft. 30-in. corr. metal pipe;
- (14) 1,664 lin. ft. flexible metal guard rail;
- (15) 1,080 lin. ft. 8-in. extra strength vit. clay pipe main line sewer;
- (16) 270 lin. ft. 6-in. extra strength vit. clay pipe main line sewer;

- (17) 2 std. flushing manholes, F M H S-A-89;
- (18) 2 std. manholes M H S-A-1;
- (19) 2 std. junction chambers J C S-A-2;
- (20) 8 re-connecting existing house sewers;
- (21) 5 filling abandoned sewer structures.

The proposed bridge will be a reinforced concrete structure, 470 ft. in length, with a 44-ft. roadway, two 5-ft. walks. It will consist of three spans of 100 ft. each, two spans of 85 ft. each, with piling foundation. The deck will have an ornamental hand rail.

The bids were:

- (A) Andy Sordal, 722 Magnolia Ave., Long Beach—(1-A) type B piles; (1-B) using type 2 Pier footings and type 2 abutment footings with type D piles throughout; (1-C) Pier footings, piles type E, abutment footings type D.
- (B) Carlo Bongiovanni, 2561 Canyon Drive, L. A.—(1-A) type B piles; (1-B) as specified; (1-C) type D piles and type D footings for abutments.
- (C) John Strona, Pomona—(1-A) type C piles; (1-B) as specified; (1-C) type 3-E piles and type 2-D abutment footings.
- (D) Oscar Oberg, 183 N. Martel Ave., L. A.—(1-A) type B, mandel, type cast-in-place piles; (1-B) as specified; (1-C) type E piles in Piers and type D piles in abutments.
- (E) Byers & Dunn, 1131 N. Orange Grove Ave., L. A.—(1-A) no bid; (1-B) as specified; (1-C) no bid.

	(A)	(B)	(C)	(D)	(E)
1-A)	\$184,000.00	\$182,224.00	\$201,673.00	\$210,682.00	\$184,440.00
1-B)	181,000.00	173,850.00	192,173.00	209,619.00	184,440.00
1-C)	187,000.00	178,362.00	200,173.00	216,319.00	184,440.00
(2)	3,300.00	10,125.00	15,279.00	5,000.00	2,000.00
(3)	.50	.50	.60	.45	.50
(4)	15.00	15.00	12.00	12.15	13.00
(5)	1.85	.99	1.15	1.25	2.00
(6)	.047	.07	1.00	.05	.05
(7)	2.60	3.75	4.00	2.85	3.00
(8)	2.60	3.75	4.00	2.80	3.00
(9)	125.00	120.00	175.00	175.00	100.00
(10)	235.00	120.00	310.00	175.00	150.00
(11)	132.00	110.00	225.00	100.00	100.00
(12)	2.65	2.50	5.00	2.50	3.00
(13)	5.00	4.48	7.35	3.75	5.00
(14)	1.90	.98	1.70	1.65	1.00
(15)	1.90	2.68	2.35	3.00	2.00
(16)	1.40	1.50	2.24	2.50	1.50
(17)	145.00	120.00	165.00	225.00	100.00
(18)	80.00	110.00	220.00	160.00	100.00
(19)	90.00	100.00	245.00	210.00	100.00
(20)	150.00	10.00	2.50	25.00	10.00
(21)	15.00	10.00	100.00	10.00	15.00

tract by the State Division of Architecture, George B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento, for the erection and completion of water development system, Sutfenfield Dam, at the Sonoma State Home, Eldridge.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until August 10, 3 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Contract No. 177, for furnishing and installing a mechanical Plans and specifications may be ly-cleaned bar screen in the Lower Cherry Aqueduct, Tuolumne County, obtained at Room 605, San Francisco Water Dept. Bldg., 425 Mason Street, San Francisco, upon deposit of \$10.

ALAMEDA COUNTY PERMITS UNDER \$1000

- SIGN, electric, \$113; 812 E. Broadway, Oakland; owner, Hotel Broadway contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, metal, \$30; 1629 Telegraph, Oakland; owner, Albert Ludwig; contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, electric, \$286; 1629 Telegraph, Oakland; owner, Albert Ludwig; contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, electric, \$135; 1744 Telegraph, Oakland; owner, Penn Fur Co.; contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, electric, \$65; 2600 35th Ave., Oakland; owner, J. Gaston; contractor, Getz Elec. Sign Co., 2816 East 9th St.
- SIGN, electric, \$160; 4110 Foothill, Oakland; owner C. Callahan, 4101 Foothill Blvd.; contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, electric, \$53; 3627 Grove, Oakland; owner Colonial Beauty Shop contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, electric, \$55; 1232 Fruitvale, Oakland; owner, R. Pezzellias; contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, elec, \$150; 7301 E 14th St., Oakland; owner, Silva Drug Co., contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, elec, \$115; 7301 E 14th St., Oakland; owner, A. P. Rosa Co.; contractor, Getz Elec. Sign Co., 2816 E 9th St.
- SIGN, electric, \$100; 4500 Market St.; owner, Don's Cafe; contractor, Elec. Prod. Corp., 950 30th St.
- SIGN, electric, \$150; 300 E 15th St., Oakland; owner, Rose Waterman Co.; contractor, Elec. Prod. Corp., 950 30th St.
- SIGN, electric, \$125; 101 Perry St., Oakland; owner, Assd. Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.
- SIGNs, two metal, \$7.00 each; 5390 Bond St., Oakland; owner, M. Parsons; contractor, Coca Cola Bottling Co., 3545 E 14th St.
- SIGNs, 3 metal, \$7 each; 5'00 Bond St., Oakland; owner, M. Tom-boury; contractor, Coca Cola Bottling Co., 3545 E 14th St.
- SIGN, metal, \$7; 2737 Chestnut St., Oakland; owner, A. Holmquist; contractor, Coca Cola Bottling Co., 3545 E 14th St.
- SIGNs, two metal, \$10 each; 4701 Grove St., Oakland; owner and contractor, Peerless Laundry Co. premises.
- SIGN, electric, \$60; 4230 Park Blvd., Oakland; owner, Glenview Grocery; contractor, Elec. Prod. Corp., 950 30th St.

HICKAM FIELD, T. H.—ELEC. DISTRIBUTION—GOV'T.)

HICKAM FIELD, T. H.—Robert E. McKee, 108 W. 6th St., Los Angeles, at \$69,300 submitted low bid to the Constructing Quartermaster, Ft. Mason, San Francisco, under Bid No. 397-38-39, for construction and completion of a secondary electric distribution system at Hickam Field, T. H. Work involves:

- (1) Construction and completion of a series street lighting system, street signs and a secondary electric distribution system.
- (2) Add or deduct if lead covered cable in underground duct is installed for street lighting system in lieu of the metallic armored cable.
- (3) Add or deduct if concrete street lighting standards and type "C" luminaries are omitted in lieu thereof, low type street lighting standards and concrete street signpost are furnished and installed.
- (4) Add or deduct if concrete street lighting standards, Type "C" luminaries and concrete street signposts are omitted and in lieu thereof, low type cast iron standard and steel pipe street signposts are furnished and installed.

- (5) Add or deduct if concrete street lighting standards and Type "C" luminaries and concrete street sign posts are omitted and in lieu thereof high type concrete street lighting standards, suspension type luminaries and concrete street sign posts are used.
- (6) Add or deduct if concrete street lighting standards, Type "C" luminaries and concrete street sign posts are omitted and in lieu thereof high steel street lighting standards, suspension type luminaries and steel street sign posts are furnished and installed.
- (7) Unit prices:
 - (a) General excavation, per cu. yd.
 - (b) Trench excavation, per cu. yd.
 - (c) Backfill (trench), per cu. yd.
 - (d) 1:2:4 concrete, per cu. yd.
 - (e) Reinforcing steel, per ton.
 - (f) Concrete pull boxes, each.
 - (g) 1-way electric duct, per lin. ft.
 - (h) 2-way electric duct, per lin. ft.

- (i) 3-way electric duct, per lin. ft.
- (j) 4-way do;
- (k) No. 2/0, 3C, 600V, R. C. L. C. cable, per lin. ft.
- (l) No. 4/0, 3C, 600V, R. C. L. C. cable, per lin. ft.
- (m) No. 4, 3C, 600V, metallic armored cable, per lin. ft.
- (n) No. 2, 3C, 600V, metallic armored cable, per lin. ft.
- (o) No. 2/0 3C, 600-V, metallic armored cable, per lin. ft.
- (p) No. 4/0 3C, 600V, metallic armored cable, per lin. ft.
- (q) No. 6, 1C, bare solid copper wire, per lin. ft.

Total bids follow:
 (A) Robert E. McKee, 108 W. 6th St., L. A., \$69,300.00.
 (B) H. H. Walker, Los Angeles, \$73,881.00.
 (C) Cory & Joslin Contracting Engineers Inc., S. F., \$73,920.00.
 (D) Pioneer Construction Co., Seattle, \$89,300.00.
 (E) Vancotte Co., Los Angeles, \$124,650.00.

Unit prices follow:

	(A) \$69,300.00		(B) \$73,881.00		(C) \$73,920.00		(D) \$89,300.00		(E) \$124,650.00	
	Add	Deduct	Add	Deduct	Add	Deduct	Add	Deduct	Add	Deduct
(1)	6,000.00	2,000.00	7,820.00	991.00	10,000.00	2,100.00	16,000.00	3,000.00	19,500.00	3,766.00
(2)	100.00		836.00		3,200.00		3,450.00		5,863.00	
(3)	17,000.00		11,805.00		3,000.00		15,500.00		13,134.00	
(4)	350.00		3,300.00		2,400.00		1,100.00		19,058.00	
(7a)	1.50	1.00	3.00	1.00	2.50	2.50	2.00	2.00	2.85	2.85
(7b)	1.15	.90	2.30	1.30	1.00	1.00	2.50	2.50	2.10	2.10
(7c)	.40	.30	.65	.30	.35	.35	.30	.30	.50	.50
(7d)	26.00	18.50	12.00	10.00	25.00	25.00	24.00	24.00	10.00	10.00
(7e)	105.00	80.00	100.00	80.00	138.00	138.00	85.00	85.00	115.00	115.00
(7f)	125.00	100.00	176.00	150.00	175.00	175.00	70.00	70.00	156.00	156.00
(7g)	.38	.14	.85	.50	.40	.40	.85	.85	2.00	2.00
(7h)	.76	.28	1.60	1.00	.85	.85	1.10	1.10	2.48	2.48
(7i)	1.14	.42	2.40	1.50	1.15	1.15	1.40	1.40	2.90	2.90
(7j)	1.52	.56	2.20	2.00	1.50	1.50	1.90	1.90	3.75	3.75
(7k)	.95	.75	.75	.65	.69	.69	.66	.60	.92	.92
(7l)	1.40	1.10	1.00	.75	.98	.98	1.25	1.00	1.24	1.24
(7m)	.45	.35	.45	.32	.37	.37	.66	.60	.65	.65
(7n)	.60	.45	.55	.40	.46	.46	.78	.70	.75	.75
(7o)	1.05	.80	.90	.70	1.00	1.00	1.20	1.00	1.15	1.15
(7p)	1.20	1.10	1.15	.90	1.02	1.02	1.60	1.50	1.45	1.45
(7q)	.04	.02	.03	.02	.03	.03	.04	.02	.035	.035

- (A) Begin in 60 days, complete in 260 days.
 (B) Begin in 30 days complete in 210 days.
 (C) Begin in 30 days complete in 355 days.
 (D) Begin in 40 days complete in 220 days.
 (E) Begin in 30 days complete in 320 days.

Bids submitted to the Constructing Quartermaster, Hickam Field, have not as yet been received.

PLACER COUNTY—OVERHEAD CROSSING—(STATE)

PLACER COUNTY, Calif.—Campbell Construction Co., 800 R Street, Sacramento, at \$117,881.70, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a steel girder and reinforced concrete deck overhead crossing over the tracks of the Southern Pacific Company at Colfax, consisting of one 101.99 ft. span, one 94.00 ft. span, one 93.97 ft. span, one 90.00 ft. span, one 83.59 ft. span and one 35.75 ft. span, Placer County, Calif.

- (1) 1,250 cu. yds. struct. excav.
- (2) 408,000 lbs. bar reinf. steel.
- (3) 1,790 cu. yds. Class A port. cem. conc.
- (4) 360,000 lbs. struct. steel.
- (5) 6,320 lin. ft. furnish cast in place conc. piles.
- (6) 316 each driving steel shells.
- (7) 12,000 lbs. misc. steel.
- (8) 936 lin. ft. steel railing.
- (9) 140 lbs. sheet copper.
- (10) 1 lot conduit and fittings.
- (11) 1 lot misc. items of work.

Total bids follow:
 (A) Campbell Construction Co., 800 "R" St., Sacramento, \$117,881.70.

- (B) M. B. McGowan, Inc., San Francisco, \$123,131.00.
- (C) B. A. Howkins & Co., San Francisco, \$123,834.50.
- (D) P. J. Walker Co., San Francisco, \$126,623.00.
- (E) Bates and Rogers Construction Co., Oakland, \$130,050.10.
- (F) Holdener Construction Co., Sacramento, \$130,390.40.
- (G) A. Teichert & Son Inc., Sacramento, \$132,045.00.
- (H) J. F. Knapp, Oakland, \$132,450.00.
- (I) John Rocca, San Rafael, \$133,142.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	2.00	2.50	1.75	2.50	2.05	3.00	2.00	2.00	2.00
(2)	.041	.045	.043	.039	.04	.0435	.045	.045	.05
(3)	21.25	22.50	23.00	24.00	27.00	23.50	23.50	25.00	23.00
(4)	.077	.089	.0835	.085	.072	.08	.089	.0775	.085
(5)	1.76	1.50	1.90	1.75	1.74	2.70	1.60	1.75	2.00
(6)	33.00	30.00	30.00	34.00	30.00	35.00	46.00	30.00	35.00
(7)	.135	.10	.11	.13	.07	.19	.14	.20	.20
(8)	7.50	7.80	7.00	7.00	10.60	7.15	7.00	10.00	8.00
(9)	.75	.50	.70	1.50	1.00	.50	.50	1.00	.80
(10)	1100.00	700.00	1100.00	1200.00	1260.00	900.00	1390.00	1000.00	1300.00
(11)	1500.00	1100.20	2315.00	2700.00	1300.00	1225.00	2740.00	5500.00	3500.00

Section 1107 U. S. A. R.
U. S. POSTAGE
PAID
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Calls Bids on Six Highway Jobs



Bids Aug. 31 on Agnew Hospital Wings



**Building Permits, Advance Reports
of Building and Engineering
Projects**

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1749	Clarke	Owner	1100
1750	Christensen	Owner	3500
1751	Fould	Owner	6000
1752	Frederick	Cornblum	4000
1753	Hansen	Owner	4000
1754	Heino	Risu	15000
1755	Soules	Owner	1500
1756-9	Standard	Owner	3000
1760	Blum	Riggs	4000
1761	Campbell	Augustine	4800
1762-3	Doelger	Owner	4000
1764	Doelger	Owner	3500
1765	Haus	Andlin	1200
1766	Howard	McDonald	1800
1767	Impey	Linder	3500
1768	Jurteвич	Coast	9200
1769	Kolsberg	Owner	2600
1770	Standard	Owner	3500
1771	Wong	Jensen	13000
1772	Baller	Akard	4000
1773	Golden Gate	Western	2500
1774	Hopper	Helgesson	3750
1775-6	Mager	Owner	3500
1777	Appel	Kelly	1000
1778	Berry	Anderson	1000
1779	Canepa	De Benedetti	4000
1780	Cosgrove	Arco	7000
1781	Emitz	Kelly	1000
1782	Fritz	Owner	1684
1783	Goodwin	Owner	2000
1784	Hoffman	Kelly	1000
1785	Lassalletti	Dream	2400
		Home	7500
1786	Reinstadler	McKeon	1400
1787	Sullivan	Warn	3000
1788	Tanti	Little	4000
1789	Turner	Little	4000
1790-1	Besio	Owner	3000
1792	Emerson	Elec. Prod.	1400
1793	Hazlett	Proust	10000
1794	Julin	Masarie	5000
1795-6	Stoneson	Owner	3000
1797-8	Stoneson	Owner	5000

ALTERATIONS

(1749) 1931 SUTTER ST. Alter restaurant.
Owner—W. C. Clarge and L. B. Jackson.
Architect—Not given. \$1100

DWELLINGS

(1770) E. 48th AVE., 275, 300, 325, 350 S. GEARY ST. Four (4) 1-story and basement frame dwellings.
Owner—Herman Christensen, 1801 19th Ave.
Plans by—C. O. Clausen, 746 46th Ave. ea. \$3500

DWELLING

(1751) S. LIBERTY 130 E. Sanchez St. Two-story and basement frame dwelling.
Owner—Jas. R. Fould, 377 Liberty St.
Architect—Not given \$6000

DWELLING

(1752) N. JUDAH 84 W. 18th Ave. One-story and basement frame dwelling.
Owner—Mabel C. Frederick, c/o cont. Contractor—Edward Cornblum, 2200 47th Ave.
Architect—Not given \$5000

DWELLINGS

(1753) W. ALEMANY 138, 163, 188, 213, 238, 263 S. San Juan. Six (6) 1-story and basement frame dwellings.
Owner—Hansen and Hansen, 2401 San Jose Ave.
Plans by—L. J. Klein, Mill Valley. Each \$4000

APARTMENTS

(1754) W. 2nd AVE 110 N. Irving. Three-story and basement frame apts.

Owner—E. Heino, 31 Hattie St.
Contractor—E. O. Risu, 528 Douglas St.
Architect—Not given \$18,000

DWELLING

(1755) 334 29th AVE. Alter dwelling.
Owner—Eugenie Soules, premises.
Architect Not given. \$1500

DWELLINGS

(1756) E. 29th AVE 150, 175, 200 S. Moraga. Three (3) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect Not given. Each \$3000

DWELLING

(1757) N. KIRKHAM 107 W. 34th Ave. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500

DWELLING

(1758) N. KIRKHAM 82 W. 34th Ave. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500

DWELLINGS

(1759) E. 29th AVE. 225, 250, 275 S. Moraga. Three (3) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. Each \$3000

DWELLING

(1760) E. 20th AVE. 225 N. Quintara. One - story and basement frame dwelling.
Owner—Geo. Blum, 956 Pierce St.
Contractor—Arthur Riggs, 2314 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING

(1761) NW DORANTES 229 SW San Marco. Two-story and basement frame dwelling.
Owner—A. Campbell, 59 Pond Street.
Contractor—A. E. Augustine, Jr., 216 Grand View Ave.
Architect—Not Given. \$4,800

DWELLINGS

(1762) SW 29th AVE. and Noriega—W 29th Ave. 24, 49, 74, 98, 123, 14' S Noriega Seven one-story and basement frame dwellings.
Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$4000 each

DWELLINGS

(1763) W 29th AVE. 172, 197 South Noriega. Two 1-story and basement frame dwellings.
Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$4000 each

DWELLING

(1764) E 41st AVE. 150 S Kirkham. One - story and basement frame dwelling.
Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah St.
Architect—Not Given. \$3,500

ALTERATIONS

(1765) 137 THIRD ST. Alter tavern
Owner—August Haus, premises.

Contractor—Undlin Store Fixture Co. 747 Natoma Street.
Architect—Not Given. \$1,200

ALTERATIONS

(1766) NW CALIF and Van Ness. Alter storage bldg.
Owner—Howard Automobile Co., NW Calif. and Van Ness.
Contractor—MacDonald & Kahn, Co., Ltd., Financial Center Bldg.
Architect—Not Given. \$1,800

STORE

(1767) SE MARKET 172 NE 17th St. One-story frame store.
Owner—M. Impey, 617 Moraga.
Contractor—J. F. Linder, 617 Moraga.
Architect—Not Given. \$3,500

APARTMENTS

(1768) N 25th ST. 225 W Guerrero. Two-story frame apts.
Owner—M. Jurteвич, 706 San Jose.
Contractor—Coast Industries, 899 Oak Street.
Architect—J. K. Masten, 3230 Clay Street. \$9,200

DWELLING

(1769) NW NAPLES 60 E Amazon. One - story and basement frame dwelling.
Owner and Builder—T. Kolsberg, 3928 17th Street.
Architect—Not Given. \$3,600

DWELLING

(1770) W 34th AVE. 375 S Rivera. One - story and basement frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. \$3,500

FLAT, ETC.

(1771) N JACKSON 49 W Stockton. Class C flat, store, office.
Owner—K. C. Wong, 833 Grant Ave.
Contractor—G. P. W. Jensen & Sons, 320 Market Street.
Architect—Chas. Warren Perry, 260 California St. \$13,000

DWELLING

(1772) W SCOTIA 625 S Silver Ave. One - story and basement frame dwelling.
Owner—Leon Baller, c/o Contractor.
Contractor—W. C. Akard, 225 Cervantes Boulevard.
Architect—Not Given. \$4,000

ALTERATIONS

(1773) 1355 MARKET ST. Alter studios.
Owner—Golden Gate Broadcasting Co., 230 Eddy Street.
Contractor—Western Asbestos Co., 675 Townsend St.
Architect—Not Given. \$2,500

DWELLING

(1774) S CASELLI Ave. 726 West Douglas. One-story and basement frame dwelling.
Owner—Frederick Hopper, c/o Contractor.
Contractor—Roy A. Helgesson, 2695 23rd Avenue.
Architect—Not Given. \$3,750

DWELLING

(1775) S ULLOA 57 E 17th Avenue. One - story and basement frame dwelling.
Owner and Builder—Mager Bros. & Son, 1729 12th Avenue.
Architect—Not Given. \$3,500

DWELLING
 (1776) S ULLOA 32 E 17th Avenue.
 One - story and basement frame dwelling.
 Owner and Builder—Mager Bros. & Son, 1730 12th Avenue.
 Architect—Not Given. \$3,500

ALTERATION
 (1777) 1486 19th AVE. Alter dwelling.
 Owner—R. Appel, prem.
 Contractor—R. P. Kelly, 1434 Lawton Street.
 Architect—Not given. \$1000

DWELLING
 (1778) W 28th AVE 125 S Taraval.
 One-story and basement frame dwelling.
 Owner—D. L. Berry, 2146 22nd Ave.
 Contractor—N. W. Anderson, 2427 24th Ave.
 Architect—Not given. \$4250

DWELLING
 (1779) W. SAN JOSE 47 E. Have-lock. One-story frame dwelling.
 Owner—L. Canepa, c/o Cont.
 Contractor—Alfred De Benedetti, 22 Cotter St.
 Architect—Not given. \$4000

DWELLING
 (1780) NE OCEAN AVE. and SAN BENTO. Two-story and basement frame dwelling.
 Owner—Lloyd J. Cosgrove, 22nd and Mission Sts.
 Contractor—Arco Bldg. Co., 5411 Mission St.
 Architect—Not given. \$7000

ALTERATION
 (1781) 1482 19th AVE. Alter dwelling.
 Owner—W. Emes, prem.
 Contractor—R. P. Kelly, 1434 Lawton Street.
 Architect—Not given. \$1000

ALTERATION
 (1782) 1100 SACRAMENTO ST. Alter apts.
 Owner—E. N. Fritz, prem.
 Architect—Not given. \$1684

ALTERATION
 (1783) 91 PALM AVE. Alter flats.
 Owner—Mr. Goodwin, prem.
 Architect—Not given. \$2000

ALTERATION
 (1784) 1490 19th AVE. Alter dwelling.
 Owner—A. Hoffman, prem.
 Contractor—R. P. Kelly, 1434 Lawton Street.
 Architect—Not given. \$1000

ALTERATION
 (1785) 1675 PALOU. Alter dwelling.
 Owner—E. Lassalletti, prem.
 Contractor—Dream Home Bldg. Co., 416 Kearny St.
 Architect—Not given. \$2400

DWELLING
 (1786) E. 47th AVE 100 N. Taraval St. One-story and basement frame dwelling.
 Owner—J. P. Reinstadler, 595 6th Ave.
 Contractor—C. T. McKeon, 2194 30th Ave.
 Architect—Not given. \$4500

ALTERATION
 (1787) 1833 21st AVE. Alter dwelling.
 Owner—S. J. Sullivan, prem.
 Contractor—Frank E. Warn, 782 32nd Ave.
 Architect—Not given. \$1400

DWELLING
 (1788) NE INNES 200 W. Mendell. One-story and basement frame dwelling.
 Owner—Edward Tanti, c/o Cont.

Contractor—M. A. Little Co., 107 24th Ave.
 Plans by—Albert H. Larsen, 333 Kearny St. \$3000

DWELLING
 (1789) N. CRAGMONT AVE. 64 W. Oriole Way. One-story and basement frame dwelling.
 Owner—Marian Turner, c/o Cont.
 Contractor—M. A. Little Co., 107 24th Ave.
 Plans by—Albert H. Larsen, 333 Kearny St. \$4000

DWELLING
 (1790) W. TARA 175 S. Geneva. One-story and basement frame dwelling.
 Owner—Lorenzo Besio, 5136 3rd St.
 Architect—Not given. \$3000

DWELLING
 (1791) W. TARA 150 S. Geneva. One-story and basement frame dwelling.
 Owner—Lorenzo Besio, 5136 3rd St.
 Architect—Not given. \$3000

SIGN
 (1792) 136 EMBARCADERO. Elec. sign.
 Owner—Emerson Drug Co., prem.
 Contractor Elec. Prod. Corp., 910 Harrison St.
 Architect—Not given. \$1400

DWELLING
 (1793) E. SAN BUENA VENTURA 140 N. St. Francis Blvd. Two-story and basement frame dwelling.
 Owner—W. G. Hazlett, c/o Cont.
 Contractor—J. Prout, 2530 Fillmore Street.
 Architect—Not given. \$10,000

DWELLING
 (1794) W. GRAND VIEW 151 S. Morgan Alley. One-story and basement frame dwelling.
 Owner—Henry W. Julin, 4292 25th Street.
 Contractor—Masarie and Scatena, 950 19th St.
 Architect—Not given. \$5000

DWELLINGS
 (1795) NW CAYUGA 56, 81, 106 SW Ottawa. Three (3) 1-story and basement frame dwellings.
 Owner—Stoneson Bros, 1 Sloat Blvd.
 Architect—Not given. \$3000 ea.

DWELLING
 (1796) NW CAYUGA 131 SW Ottawa. Two-story and basement frame dwelling.
 Owner—Stoneson Bros, 1 Sloat Blvd.
 Architect—Not given. \$3000

DWELLING
 (1797) SW CAYUGA and Mt. Vernon. Two-story and basement frame dwelling.
 Owner—Stoneson Bros, 1 Sloat Blvd.
 Architect—Not given. \$5000

DWELLING
 (1798) SE CAYUGA and Mt. Vernon. Two-story and basement frame dwelling.
 Owner—Stoneson Bros, 1 Sloat Blvd.
 Architect—Not given. \$5000

ALAMEDA COUNTY				
No.	Owner	Contractor	Amt	
1975	Anderson	Hocker	5000	
1976	Beckett	Owner	4000	
1977	Connell	Hill	4900	
1978	Everett	Owner	1000	
1979	Flagg	Owner	3500	
1980	Kinsbury	Patterson	4000	
1981	Mendes	Silva	2500	
1982	Paley	Lloyd	1500	
1983	Scovyers	Scovyers	4500	
1984	Conley	Walstrom	1100	
1985	Lester	Owner	3000	

1986	Maki	Owner	3500	
1987	Whitton	Whitton	1500	
19-8	Berry	Nickell	3650	
19-9	Bragg	Owner	3400	
1990	Ferrantu	Gaeta	2500	
1991	Keaseyan	Owner	3600	
1992	Leason	O'Brien	1500	
1993	Pirang	Owner	4500	
1994	Pierce	Boyce	1250	
1995	Sjoberg	Sjoberg	5850	
1996	Clayborne	Clayborne	3600	
1997	Hacke	Christensen	10500	
1998	Windsor	Owner	4500	
1999	Capra	Mariett	3500	
2000	Conrad	Watson	4000	
2001	Dreyer	Johnson	3500	
2002	Mills Col.	Owner	5000	
2003	Olson	De Chene	3000	
2004	Garcia	Aldin	3200	
2005	Heraty	Jensen	2800	
2006	Home	Petersen	13000	
2007	Kroll	Kroll	12000	
2008	Sickels	Hayward	3250	
2009	Weber	Calif. Bldrs.	1000	
2010	Youngstrom	Owner	4400	
-11	Anderson	Owner	4000	
-12	Olafson	Soder	3300	
2013	Winter	Lalkam	3800	
-14	Anderson	Nichols	1900	
2015	Fitzmaurice	Owner	1500	
2016	Hubbard	Owner	4000	
2017	Johnson	Corso	1000	
-18	Rouch	Oletsky	3000	

DWELLING
 (1975) 2220 SPAULDING, BERKE-LEY. One-story 5-rm. frame dwelling and garage.
 Owner—Osborne Anderson, 2439 McGee.
 Contractor—Collins Hocker, 217 Mathers St., Oakland.
 Architect—Not Given. \$5,000

DWELLING
 (1976) 3738 DELMONT AVE., OAKLAND. Two-story 6-rm. dwelling.
 Owner and Builder—A. T. Beckett, 224 Scenic.
 Architect—Not Given. \$4,200

DWELLING
 (1977) 6157 SWAINLAND RD., OAKLAND. One-story 5-rm. dwelling
 Owner—E. Conrad Connella, 1393 Oxford.
 Contractor—Hill & Salamid, 5359 College Avenue.
 Architect—Quin Hill, 5359 College Avenue. \$4,800

ADDITION
 (1978) 824 EVERETT AVE., OAKLAND. Addition.
 Owner and Builder—Blanks Everett, premises.
 Architect—Not Given. \$1,000

DWELLING
 (1979) 4127 MIDVALE AVE., OAKLAND. One-story 5-rm. dwelling.
 Owner and Builder—A. J. Flagg, 3743 Loma Vista Ave.
 Architect—Not Given. \$3,500

DWELLING
 (1980) 2825 FRYE ST., OAKLAND. One-story 5-room dwelling.
 Owner—C. W. Kingsbury, 3907 Randolph Avenue.
 Contractor—J. F. Patterson, 7621 Foothill Blvd.
 Architect—Not Given. \$4,000

DWELLING
 (1981) 1234 18th ST.; 1806 UNION ST., OAKLAND. One-story 5-rm. 2-family dwelling.
 Owner—Wilamina Mendes, 1518 18th.
 Contractor—J. P. Silva, 870 46th St.
 Architect—Not Given. \$2,500

ALTERATIONS
 (1982) 523 42nd ST., OAKLAND. Alterations.
 Owner—John Foley, 523 42nd St.
 Contractor—J. A. Lloyd, 4017 East 15th Street.
 Architect—Not Given. \$1,500

DWELLING

(1983) 1527-29 88th AVE., OAKLAND.
One-story 6-rm. 2-family dwelling.
Owner—G. L. Sconyers, 1605 88th Ave.
Contractor—G. F. Sconyers & Son,
2306 Linden Rd., Stockton.
Architect—Not Given. \$4,500
One-story garage, \$200.

ADDITIONS

(1984) 50 SAN MATEO RD., BERKELEY. Additions.
Owner—J. L. Cowley, premises.
Contractor—Carl Walstrom, 1447 Excelsior Avenue.
Architect—Not Given. \$1,400

DWELLING

(1985) 968 CORNELL, ALBANY.
One-story 5-rm. frame dwelling.
Owner and Builder—Stanley D. Lester, 945 Cornell.
Architect—Not Given. \$3,000

DWELLING

(1986) 1346 WATKINS, BERKELEY. One-story five-room frame dwelling and garage.
Owner and Builder—Wm. Maki, 2415 Sacramento.
Architect—Not Given. \$3,500

ALTERATIONS

(1987) 76 OAKRIDGE, BERKELEY. Alterations.
Owner—Katherine S. Whitton, prem.
Contractor—F. Whitton, 369 Pine St., San Francisco.
Architect—Not Given. \$1,500

DWELLING

(1988) 4616 THOMPSON ST., OAKLAND. One-story 5-rm. dwelling.
Owner—M. H. Berry, 3755 McClelland.
Contractor—C. N. Mitchell, 1902 85th Avenue.
Architect—M. Fletcher, Oakland.
Also garage, \$150. \$3,650

DWELLING

(1989) 4535 MERRILL AVE., OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—M. V. Bragg, 2937 Bona St.
Architect—Not Given. \$3,400

DWELLING

(1990) 930 105th AVE., OAKLAND. One-story 4-rm. dwelling.
Owner—Louis Ferranti, 671 5th St.
Contractor—G. D. Gaeta, 816 Kains Ave., Albany.
Architect—Not Given. \$2,500
Also 1-story garage, \$250.

DWELLING

(1991) 2356 107th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—A. Stenbro and J. A. Kesavan, 3115 Foothill.
Architect—Not Given. \$3,600

REPAIRS

(1992) 1154 53rd ST., OAKLAND. Fire repairs.
Owner—Isabel Leason, premises.
Contractor—Lloyd O'Brien, 315 14th.
Architect—Not Given. \$1,500

DWELLING

(1993) 16 TEMPLAR PL., OAKLAND. One-story 5-room dwelling.
Owner and Builder—H. C. Pfrang, 5659 Ocean View Drive.
Architect—Not Given. \$4,500

DWELLING

(1994) 1410 FERNWOOD DR., OAKLAND. One-story 5-room dwelling.
Owner—L. E. Pierce, 168 Mather St.
Contractor—Bovce and Maede, 3801 Harrison Blvd.
Architect—Not Given. \$4,250
Also 1-story garage, \$200.

DWELLING

(1995) 4041 FRUITVALE AVENUE, OAKLAND. One-story six-room dwelling.
Owner—H. O. Sjoberg, 3763 Woodruff Ave.
Contractor—N. H. Sjoberg & Son, 5604 East 16th St.
Architect—W. H. and H. H. Weeks, 593 Market St., San Francisco. \$5,850

DWELLING

(1996) 1315 CORNELL, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Elsie M. Clayborne, 1209 Bancroft Way.
Contractor—C. X. Clayborne, 1209 Bancroft Way.
Architect—Not given. \$3,600

WAREHOUSE

(1997) 1901 BRYANT ST., ALAMEDA. One-story brick warehouse.
Owner—C. F. Hacke, 1318 Caroline St., Oakland.
Contractor—H. J. Christensen Co. and W. E. Lyons Construction Co., 2009 Pacific Ave., Alameda.
Architect—Not given. \$10,500

DWELLINGS

(1998) 2837, 2832, 2816 WINDSOR DRIVE, 1914, 1909 CAMBRIDGE DRIVE, ALAMEDA. Five 1-story 5-room dwellings.
Owner—George Windsor, 2821 Fernside Blvd., Alameda.
Contractor—George Windsor.
Plans by—J. M. Johnson \$4500 ea.

DWELLING

(1999) 576 44th ST., OAKLAND. One-story 4room dwelling.
Owner—E. Capra, 381 Alcatraz Ave.
Contractor—Chas. Marietti, 1201 Stannage Ave., Berkeley.
Architect—Not given. \$3500

DWELLING

(2000) 3301 WISCONSIN ST., OAKLAND. One-story 6-room dwelling.
Owner—Louis V. Conrad, 3726 Virden Ave.
Contractor—Wm. Watson, 4750 Mellon Ave.
Architect—Not given. \$4000

DWELLING

(2001) 735 WALKER AVE., OAKLAND. Addition.
Owner—Mr. and Mrs. Wm. Dreyer, 111 Highland Ave., Berkeley.
Contractor—Karl E. R. Johnson, 2431 McKinley Ave., Berkeley.
One-story garage, \$500.00
Architect—Not given. \$3500

PE-ROOF

(2002) MILLS COLLEGE CAMPUS, OAKLAND. Re-roof.
Owner—Mills College, Mills College Campus.
Architect—Not given. \$5000

DWELLING

(2003) 6167 ASPINWALL ROAD, OAKLAND. One-story 5-room dwelling.
Owner—M. O. Olson, Oakland.
Contractor—E. R. DeChene, 361 17th Street.
Architect—Not given. \$3000

DWELLING

(2004) 9920 D ST., OAKLAND. One-story 5 room dwelling.
Owner—Frank Garcia, 9214 F Street; Contractor—Wm. Aldin, 1219 Noe St., San Francisco.
Architect—Not given. \$3200

DWELLING

(2005) 217 CAPRICORN AVE., OAKLAND. One-story, 4 room dwelling.
Owner—Phil Heraty, 488 Fairbanks Ave.

Contractor—Harry K. Jensen, 2757 Edison St.
One-story frame garage, \$200.
Architect—Not given \$2800

HOME

(2006) 3800 COOLIDGE AVENUE, OAKLAND. One-story dormitory home.
Owner—Fred Finch Home, 3800 Coolidge Ave.
Contractor—J. B. Petersen & Son, 4021 Agus Vista Ave.
Architect—Not given. \$13,000

APARTMENT

(2007) 41-3-5-7 EXCELSIOR CT., OAKLAND. Two-story apartment bldg.
Owner—Ralph Kroll and W. W. Gibson, 512 Glenview Ave.
Contractor—Harry Kroll, 512 Glenview Ave.
Architect—Not given. \$12,000

DWELLING

(2008) 2417 DURANT AVE., OAKLAND. One-story dwelling.
Owner—Clyde F. Sickels, Oakland.
Contractor—C. D. Hayward, 2990 Barrett St.
Architect—Not given. \$3250

GARAGE

(2009) 1914 6th AVE., OAKLAND. Private garage.
Owner—W. R. Webber, 364 14th St.
Contractor—California Builders Co., 364 14th St.
Architect—Not given. \$1000

ADDITION

(2010) 9029 FOOTHILL BLVD., OAKLAND. Addition.
Owner—Carl Youngstrom, 2400 89th Ave.
Architect—Not given. \$4400

DWELLING

(2011) 1064 NEILSON, ALBANY. One-story 5-rm. frame dwelling.
Owner and Builder—Edw. L. Anderson, 753 23rd St., Richmond.
Plans by Loy Chamberlain. \$4000

DWELLING

(2012) 720 KAINS AVE., ALBANY. One-story 5-rm. frame dwelling.
Owner—Walter Olafson, 737 Kains.
Contractor—Oscar Soder.
Architect—Not Given. \$3,300

DWELLING

(2013) 1613 BELVEDERE, BERKELEY. One-story 5-rm. dwelling and garage.
Owner—Carl Winter, premises.
Contractor—Wm. Laikam, Rte 9, Box 148, Fresno.
Architect—Not Given. \$3,800

BUILDING CONTRACTS
ALAMEDA COUNTY

ADDITION
(207) U. C. CAMPUS, BERKELEY. Hart Library, addition to Bowles Hall.
Owner—Regents of U. of Calif., Berkeley.
Architect—W. P. Stevenson, U. of C Campus.
Contractor—Empire Con. Co., 428 Russ Bldg., S. E.
Filed, Aug. 1, '38. Date, July 22, '38.
1st day ea. mo., lab. and mat. 75%
Usual 35 days. 25%
Bond, labor \$4000.00
Bond, performance 4000.00
Forfeit, per day 15.00
TOTAL COST, \$7226.00
Sureties: St. Paul Mercury Ind. Co
Limit 100 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- 1.—Apartments
- 2.—Gonds
- 3.—Churches
- 4.—Factories and Warehouses
- 5.—Flats
- 6.—Garages and Service Stations
- 7.—Federal Buildings
- 8.—Club Buildings
- 9.—Hospitals
- 10.—Hotels
- 11.—Ice and Cold Storage Plants
- 12.—Power Plants
- 13.—Public Buildings, Fire Houses and Jails
- 14.—Residences
- 15.—Schools
- 16.—Banks, Stores and Offices
- 17.—Theatres
- 18.—Wharves and Docks
- 19.—Misc. Const.
- 20.—Misc. Supplies & Etc.

APARTMENTS

Contract Awarded
 Cont. Price \$15,520
APARTMENTS
 SAN JOSE, Santa Clara Co., Calif.
 Frame and stucco apartment house containing four apts. (hardwood floors, tile baths, gas heating system, steel sash, etc.)
 Owner—M. Murchie, c/o Architect.
 Architect—Charles McKenzie, Twohy Bldg., San Jose.
 Contractor—Fred C. Nelson, Montgomery Hotel, San Jose.

Contract Awarded
 Cost, \$18,000
APARTMENTS
 SAN FRANCISCO, W. 2nd Ave., 110 ft. N. Irving St.
 Three story and basement frame apartment bldg.
 Owner—E. Heino, 31 Hattie St.
 Architect—Not given.
 Contractor—E. O. Risu, 523 Douglas St.

Preparing Working Drawings
APARTMENTS
 SAN FRANCISCO, Calif. Francisco and Bret Hart.
 Three-story frame and stucco apartment building (1, 3-room, 1 5-rm. and 1 6-room apartment).
 Owner—Peter Harnden.
 Architect—Richard J. Neutra, 251 Kearny St.

4— FACTORIES & WAREHOUSES

Contract Awarded
 Cost, \$12,000
WAREHOUSE
 ALAMEDA, Calif. 1901 Bryant St.
 One-story brick warehouse.
 Owner—C. F. Hack, 1313 Caroline St., Alameda.

Architect—Not given.
 Contractor—H. J. Christensen Co. & W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

6— GARAGES & SERVICE STATIONS

Plans Being Figured — Bids Close
 AUG. 17, 2 P. M.
 Cost, \$150,000
GARAGE
 LOS ANGELES, Calif. W. Grand Ave. betw 5th and 6th Sts.
 Six-story and basement Class A reinf. concrete garage (60x165).
 Owner—Louis R. Lurie, 333 Montgomery St., S. F.
 Architect—W. D. Peugh, 333 Montgomery St., S. F.
 A two-story brick building now on the site will be wrecked.

Plans Being Figured — Bids Close
 August 11, 3 P. M.

GARAGE
 BERKELEY, Ala. Co., Calif.
 One-story reinforced concrete garage building.

Owner—Berkeley Elks Hall Association.

Lessee—United States Post Office.
 Architect—Dragon & Schmidts, 2063 Allston Way, Berkeley.

N. H. Sjoberg & Son, 5604 E. 16th St., Oakland, is figuring plans and desires sub-bids on all portions of the work.

Planned
SERVICE STA. Est. cost, \$6500
 SAN FRANCISCO, SE Sansome and Sacramento Sts.

Gasoline service station.
 Owner—Tide Water Associated Oil Co., 67 New Montgomery St.

Plans by Eng. Dept. of Owner.
 August 2, 1938

Planned
SERVICE STA. Est. cost, \$6000
 SAN FRANCISCO, SW 7th and Howard Sts.

Gasoline service station.
 Owner—Shell Oil Co., 100 Bush St.
 Plans by Eng. Dept. of owner.

Contract Awarded
GARAGE Cost, \$25,000
 SAN FRANCISCO, N. Pine St., W. of Davis St.

Two-story reinforced concrete garage building (57x858 ft.).

Owner—J. D. & A. E. Spreckels Co.
 Architect—Harry A. Thomsen, Jr. (successor to Geo. W. Kelham, 215 Montgomery St., San Francisco).

Contractor—Monson Bros., 475 Sixth St., San Francisco.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
 SAN DIEGO, Calif.—V. R. Dennis Const. Co., P. O. Box F, Station A, San Diego, has been awarded a contract at \$1113 (subject to the approval of the Bureau of Yards & Docks), for driving test piles for Fleet School Bldg at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8875. The work includes the furnishing of equipment and labor and driving 12 concrete test piles. The government will furnish the test piles to be driven.

CONTRACT AWARDED
 SAN DIEGO, Calif.—B. O. Larsen, 1340 "E" St., San Diego, awarded contract by 11th Naval Dist. in San Diego, at \$129,600 (Item 1), for South Extension to Final Assembly Shop, Naval Operating Base (Air Station), San Diego; Spec. 8874. Re-station). San Diego; Specification 8874. The work consists in general of an extension to an existing one-story shop bldg. It will have a floor area of approx. 40,000 sq. ft. The work will include concr; steel and iron work; rfg. and sheet metal work; steel windows; steel doors; plaster and stucco work; carpentry work; plumbing, air, steam and elec. system.

CONTRACT AWARDED
 SAN DIEGO, Calif.—Hunt & Curry, 1701 "B" St., San Diego, awarded contract by the 11th Naval District in San Diego at \$157,500 (Item No.

1), for construction of three storehouses at the Naval Operating Base (Supply Depot), San Diego; Specification 8868. The work consists in general of two one-story concrete frame storehouses, each approx. 117x189 ft., and one one-story, steel frame storehouse, approx. 102x180 ft. The work includes concrete work; steel and iron work; rfg. and sheet metal work; steel windows; tubular steel doors; metal lath; plaster and stucco work; carpentry work; plumb. and elec. work.

CONTRACT AWARDED
 REDDING, Shasta Co., Cal.—H. L. Grohne, Decatur, Ill., at \$2,640 was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new concrete floor and vents at the U.S.P.O. at Redding.

Complete Total Bids
PARCEL POST BLDG. Cost, \$2,600,000

LOS ANGELES, Calif. NE Corner Alameda and Macy Sts.

Three-story structural steel and reinforced concrete U. S. Parcel Post Bldg. Three-story and basement structure, 524,300 sq. ft. in area; reinf. concr. constr., painted ext. waterproofing, granite, ceramic work, struc. metal, misc. and orn steel, iron and bronze, special light fix., rolling curtains, vertical lift doors, vault, doors, steel windows, hollow steel windows, metal counters and cabinets, hollow metal work, metal plbg. enclosure doors, fire hose cabinets, medicine cabinets, metal and glass partitions, wire mesh partitions, sheet metal, conc. rfg., insulation, int. marble, tile and terrazzo work, macadam paving, lino. and cork carpet, acoustic tile, Venetian blinds, hot water storage tank, garbageburning, gas water htr., drinking water cooling sys., cold storage room, 2-pipe, vacuum hfg. sys., vent. apparatus, belt conveyor sys., spiral mail chutes, scales.

Owner—U. S. Government.
 Plans by the Supervising Architects, Treasury Dept., Washington, D.C.

Total bids follow:
General Work
 Sarver & Zoss, Inc., 1015 W. Fourth, Los Angeles, \$1,693,000.

Great Lakes Construction Co., St. Louis, Mo., \$1,694,000.

Robert E. McKee, Los Angeles, \$1,733,000.

United States Fireproofing Co., \$1,785,000.

Geo. A. Fuller Co., \$1,832,000.
 Pozzo Construction Co., \$1,838,675.
 Clinton Construction Co., \$1,845,000.

Jerome A. Utley, \$1,895,000.
 MacDonald & Kahn, \$1,899,981.
 Maurice L. Bein, \$1,949,500.

Johnson, Drake & Piper Co., \$1,973,900.
 (901) 1st rep. June 8, 1938; 5th, Aug. 3, 1938.

LOW BIDDER
 SAN DIEGO, Cal.—Chicago Bridge & Iron Co., 608 S. Hill St., L. A., submitted low bid to 11th Naval Dist. in San Diego, at \$135,760 (Item 1), for furnishing and installing six fuel oil storage tanks at the Naval Operating Base (Fuel Depot), San Diego; Spec. 8869. Work includes apparatus, piping; steel and iron work and ptg. Recommendation was made that the contract be awarded to the low bidder at \$135,760.

DWELLING (1983) 1527-29 88th AVE., OAKLAND. One-story 6-rm. 2-family dwelling.	DWELLING (1995) 4041 FRIUTVALE AVENUE, OAKLAND. One-story six-room dwelling.	Contractor —Harry K. Jensen, 2757 Rawson St. One-story frame garage, \$200. Architect —Not given. \$2800
Owner —C. L. Sconyers, 1605 88th Ave. Contractor —G. F. Sconyers & Son, 2306 Linden Rd., Stockton. Architect —Not Given. \$4,500 One-story garage, \$200.	Owner —H. O. Sjoberg, 3763 Woodruff Ave. Contractor —N. H. Sjoberg & Son, 5604 East 16th St. Architect —W. H. and H. H. Weeks, 593 Market St., San Francisco. \$5,850	HOME (2006) 3800 COOLIDGE AVENUE, OAKLAND. One-story dormitory home. Owner —Fred Finch Home, 3800 Coolidge Ave. Contractor —J. B. Petersen & Son, 4021 Agus Vista Ave. Architect —Not given. \$13,000
ADDITIONS (1984) 50 SAN MATEO RD., BERKELEY. Additions. Owner —J. L. Cooley, premises. Contractor —Carl Walstrom, 1447 Excelsior Avenue. Architect —Not Given. \$1,400	DWELLING (1996) 1315 CORNELL, BERKELEY. One-story 5-room frame dwelling and garage. Owner —Elsie M. Clayborne, 1209 Bancroft Way. Contractor —C. X. Clayborne, 1209 Bancroft Way. Architect —Not given. \$3600	APARTMENT (2007) 41-3-5-7 EXCELSIOR CT., OAKLAND. Two-story apartment bldg. Owner —Ralph Kroll and W. W. Gibson, 512 Glenview Ave. Contractor —Harry Kroll, 512 Glenview Ave. Architect —Not given. \$12,000
DWELLING (1985) 963 CORNELL, ALBANY. One-story 5-rm. frame dwelling. Owner and Builder —Stanley D. Lester, 945 Cornell. Architect —Not Given. \$3,000	WAREHOUSE (1997) 1901 BRYANT ST., ALAMEDA. One-story brick warehouse. Owner —C. F. Hacke, 1318 Caroline St., Oakland. Contractor —H. J. Christensen Co. and W. E. Lyons Construction Co., 2009 Pacific Ave., Alameda. Architect —Not given. \$10,500	DWELLING (2008) 2417 DURANT AVE., OAKLAND. One-story dwelling. Owner —Clyde F. Sicksel, Oakland. Contractor —C. D. Hayward, 2990 Barrett St. Architect —Not given. \$3250
DWELLING (1986) 1346 WATKINS, BERKELEY. One-story five-room frame dwelling and garage. Owner and Builder —Wm. Maki, 2415 Sacramento. Architect —Not Given. \$3,500	DWELLINGS (1998) 2837, 2832, 2816 WINDSOR DRIVE, 1914 1909 CAMBRIDGE DRIVE, ALAMEDA. Five 1-story 5-room dwellings. Owner —George Windsor, 2821 Fernside Blvd., Alameda. Contractor —George Windsor. Plans by—J. M. Johnson \$4500 ea.	GARAGE (2009) 1914 6th AVE., OAKLAND. Private garage. Owner —W. R. Webber, 364 14th St. Contractor —California Builders Co., 364 14th St. Architect —Not given. \$1000
ALTERATIONS (1987) 76 OAKRIDGE, BERKELEY. Alterations. Owner —Katherine S. Whitton, prem. Contractor —F. Whitton, 369 Pine St., San Francisco. Architect —Not Given. \$1,500	DWELLING (1999) 576 44th ST., OAKLAND. One-story 4room dwelling. Owner —E. Capra, 381 Alcatraz Ave. Contractor —Chas. Marietti, 1201 Stannage Ave., Berkeley. Architect —Not given. \$3500	ADDITION (2010) 9029 FOOTHILL BLVD., OAKLAND. Addition. Owner —Carl Youngstrom, 2400 89th Ave. Architect —Not given. \$4400
DWELLING (1988) 4616 THOMPkins ST., OAKLAND. One-story 5-rm. dwelling. Owner —M. H. Berry, 3755 McClelland. Contractor —C. N. Mitchell, 1902 85th Avenue. Architect —M. Fletcher, Oakland. Also garage, \$150. \$3,650	DWELLING (2000) 3301 WISCONSIN ST., OAKLAND. One-story 6-room dwelling. Owner —Louis V. Conrad, 3726 Virden Ave. Contractor —Wm. Watson, 4750 Mellon Ave. Architect —Not given. \$4000	DWELLING (2011) 1061 NEILSON, ALBANY. One-story 5-rm. frame dwelling. Owner and Builder —Edw. L. Anderson, 753 23rd St., Richmond. Plans by Loy Chamberlain. \$4,000
DWELLING (1989) 4335 MERRILL AVE., OAKLAND. One-story 5-rm. dwelling. Owner and Builder —M. V. Bragg, 2937 Bona St. Architect —Not Given. \$3,400	DWELLING (2001) 735 WALKER AVE., OAKLAND. Addition. Owner —Mr. and Mrs. Wm. Dreyer, 111 Highland Ave., Berkeley. Contractor —Karl E. R. Johnson, 2431 McKinley Ave., Berkeley. One-story garage, \$500.00 Architect —Not given. \$3500	DWELLING (2012) 720 KAINS AVE., ALBANY. One-story 5-rm. frame dwelling Owner —Walter Olafson, 737 Kains. Contractor —Oscar Soder. Architect —Not Given. \$3,300
DWELLING (1990) 930 105th AVE., OAKLAND. One-story 4-rm. dwelling. Owner —Louis Ferranti, 671 8th St. Contractor —G. D. Gaeta, 816 Kains Ave., Albany. Architect —Not Given. \$2,500 Also 1-story garage, \$250.	PE-ROOF (2002) MILLS COLLEGE CAMPUS, OAKLAND. Re-roof. Owner —Mills College, Mills College Campus. Architect —Not given. \$5000	DWELLING (2013) 1613 BELVEDERE, BERKELEY. One-story 5-rm. dwelling and garage. Owner —Carl Winter, premises 9, Box 148, Fresno. Contractor —Wm. Laikam, Rte 9, Box 148, Fresno. Architect —Not Given. \$3,800
DWELLING (1991) 2356 107th AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder —A. Stenbro and J. A. Keoseyan, 4115 Foothill. Architect —Not Given. \$3,600	DWELLING (2003) 6167 ASPINWALL ROAD, OAKLAND. One-story 5-room dwelling. Owner —M. O. Olson, Oakland. Contractor —E. R. DeChene, 361 17th Street. Architect —Not given. \$3000	BUILDING CONTRACTS ALAMEDA COUNTY
REPAIRS (1992) 1154 53rd ST., OAKLAND. Fire repairs. Owner —Isabel Leason, premises. Contractor —Lloyd O'Brien, 315 14th. Architect —Not Given. \$1,500	DWELLING (2004) 9920 D ST., OAKLAND. One-story 5 room dwelling. Owner —Frank Garcia, 9214 F Street; Contractor —Wm. Aldin, 1219 Noe St., San Francisco. Architect —Not given. \$3200	ADDITION (207) U. C. CAMPUS, BERKELEY Hart Library, addition to Bowles Hall. Owner —Regents of U. of Calif., Berkeley. Architect —W. P. Stevenson, U. of C Campus. Contractor —Empire Con. Co., 421 Russ Bldg., S. F. Filed, Aug. 1, '38. Date, July 22, '38. 1st day ea. mo., lab. and mat. 75% Usual 35 days. 25% Bond labor \$4000.00 Bond performance 4000.00 Forfeit, per day 50.00 TOTAL COST, \$7226.00 Sureties: St. Paul Mercury Ind. Co Limit 100 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

of convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and Offices |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Etc. |

1— APARTMENTS

Contract Awarded Cont. Price \$15,520

APARTMENTS
SAN JOSE, Santa Clara Co., Calif. Frame and stucco apartment house containing four apts. (hardwood floors, tile baths, gas heating system, steel sash, etc.)
 Owner—M. Murchie, c/o Architect.
 Architect—Charles McKenzie, Twoby Bldg., San Jose.

Contractor—Fred C. Nelson, Montgomery Hotel, San Jose.

Contract Awarded Cost, \$18,000

APARTMENTS
SAN FRANCISCO, W. 2nd Ave., 110 ft. N. Irving St.
 Three story and basement frame apartment bldg.
 Owner—E. Heino, 31 Hattie St.
 Architect—Not given.
 Contractor—E. O. Risu, 528 Douglas St. * 1

Preparing Working Drawings

APARTMENTS
SAN FRANCISCO, Calif. Francisco and Bret Hart.
 Three-story frame and stucco apartment building (1, 3-room, 1 5-rm. and 1 6-room apartment).
 Owner—Peter Harnden.
 Architect—Richard J. Neutra, 251 Kearny St.

4— FACTORIES & WAREHOUSES

Contract Awarded Cost, \$12,000

WAREHOUSE
ALAMEDA, Calif. 1901 Bryant St. One-story brick warehouse.
 Owner—C. F. Hack, 1318 Caroline St., Alameda.
 Architect—Not given.
 Contractor—H. J. Christensen Co. & W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda. 4

6—GARAGES & SERVICE STATIONS

Plans Being Figured — Bids Close Aug. 17, 2 P. M.

GARAGE Cost, \$150,000
LOS ANGELES, Calif. W. Grand Ave. betw 5th and 6th Sts.
 Six-story and basement Class A reinf. concrete garage (60x165).
 Owner—Louis R. Lurie, 333 Montgomery St., S. F.
 Architect—W. D. Peugh, 333 Montgomery St., S. F.
 A two-story brick building now on the site will be wrecked.

Plans Being Figured — Bids Close August 11, 3 P. M.

GARAGE
BERKELEY, Ala. Co., Calif. One-story reinforced concrete garage building.
 Owner—Berkeley Elks Hall Association.
 Lessee—United States Post Office.
 Architect—Dragon & Schmdtts, 2068 Allston Way, Berkeley.
 N. H. Sjoberg & Son, 5604 E. 16th St., Oakland, is figuring plans and desires sub-bids on all portions of the work.

Planned
SERVICE STA. Est cost, \$6500
SAN FRANCISCO, SE Sansome and Sacramento Sts.

Gasoline service station.
 Owner—Tide Water Associated Oil Co., 67 New Montgomery St.
 Plans by Eng. Dept. of Owner. * 6

Planned August 2, 1938
SERVICE STA. Est. cost, \$6000
SAN FRANCISCO, SW 7th and Howard Sts.

Gasoline service station.
 Owner—Shell Oil Co., 100 Bush St.
 Plans by Eng. Dept. of owner. * 6

Contract Awarded Cost, \$25,000

GARAGE
SAN FRANCISCO, N. Pine St., W. of Davis St.
 Two-story reinforced concrete garage building (57x858 ft.).

Owner—J. D. & A. B. Spreckels Co.
 Architect—Harry A. Thomsen, Jr. (successor to Geo. W. Kelham, 315 Montgomery St., San Francisco).
 Contractor—Monson Bros., 475 Sixth St., San Francisco.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SAN DIEGO, Calif.—V. R. Dennis Const. Co., P. O. Box F, Station A, San Diego, has been awarded a contract at \$1118 (subject to the approval of the Bureau of Yards & Docks), for driving test piles for Fleet School Bldg. at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8875. The work includes the furnishing of equipment and labor and driving 12 concrete test piles. The government will furnish the test piles to be driven. 7

CONTRACT AWARDED
SAN DIEGO, Calif.—B. O. Larsen, 1340 "E" St., San Diego, awarded contract by 11th Naval Dist. in San Diego, at \$129,600 (Item 1), for South Extension to Final Assembly Shop, Naval Operating Base (Air Station), San Diego; Spec. 8874. Re-Station). San Diego; Specification 8874. The work consists in general of an extension to an existing one-story shop bldg. It will have a floor area of approx. 40,000 sq. ft. The work will include concr; steel and iron work; rfg. and sheet metal work; steel windows; steel doors; plaster and stucco work; carpentry work; plumbing, air, steam and elec. system. 7

CONTRACT AWARDED
SAN DIEGO, Calif.—Hunt & Curry, 1701 "B" St., San Diego, awarded contract by the 11th Naval District in San Diego at \$157,500 (Item No.

1), for construction of three storehouses at the Naval Operating Base (Supply Depot), San Diego; Specification 8868. The work consists in general of two one-story concrete frame storehouses, each approx. 117x189 ft., and one one-story, steel frame storehouse, approx. 102x180 ft. The work includes concrete work; steel and iron work; rfg. and sheet metal work; steel windows; tubular steel doors; metal lath; plaster and stucco work; carpentry work; plumb. and elec. work. 7

CONTRACT AWARDED
REDDING, Shasta Co., Cal.—H. L. Grohne, Decatur, Ill., at \$2,640 was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new concrete floor and vents at the U.S.P.O. at Redding. 7

Complete Total Bids
PARCEL POST BLDG. Cost, \$2,600,000

LOS ANGELES, Calif., NE Corner Alameda and Macy Sts.
 Three-story structural steel and reinforced concrete U. S. Parcel Post Bldg. Three-story and basement structure, 524x209 ft. in area; reinf. concr. constr., painted ext., waterproofing, granite, ceramic work, struc. metal, misc. and orn steel, iron and bronze, special light fix., rolling curtains, vertical lift doors, vault, doors, steel windows, hollow steel windows, metal counters and cabinets, hollow metal work, metal plbg. enclosure doors, fire hose cabinets, medicine cabinets, metal and glass partitions, wire mesh partitions, sheet metal, comp. rfg., insulation, int. marble, tile and terrazzo work, macadam paving, lino. and cork carpet, acoustic tile, Venetian blinds, hot water storage tank, garbageburning, gas water htr., drinking water cooling sys., cold storage room, 2-pipe, vacuum htg. sys., vent. apparatus, belt conveyor sys., spiral mail chutes, scales.

Owner—U. S. Government.
 Plans by the Supervising Architects, Treasury Dept., Washington, D.C.

Total bids follow:
 General Work
 Sarver & Zoss, Inc., 1015 W. Fourth, Los Angeles, \$1,693,000.
 Great Lakes Construction Co., St. Louis, Mo., \$1,694,000.
 Robert E. McKee, Los Angeles, \$1,733,000.
 United States Fireproofing Co., \$1,785,000.
 Geo. A. Fuller Co., \$1,832,000.
 Pozzo Construction Co., \$1,838,675.
 Clinton Construction Co., \$1,845,000.
 Jerome A. Utley, \$1,895,000.
 MacDonald & Kahn, \$1,899,981.
 Maurice L. Bein, \$1,949,500.
 Johnson, Drake & Piper Co., \$1,973,900.
 (901) 1st rep. June 8, 1938; 5th, Aug. 3, 1938. 7

LOW BIDDER
SAN DIEGO, Cal.—Chicago Bridge & Iron Co., 608 S. Hill St., L. A., submitted low bid to 11th Naval Dist. in San Diego, at \$135,760 (item 1), for furnishing and installing six fuel oil storage tanks at the Naval Operating Base (Fuel Depot), San Diego; Spec. 8869. Work includes appurtenant piping; steel and iron work, and ptg. Recommendation was made that the contract be awarded to the low bidder at \$135,760. 7

CONTRACT AWARDED

SAN DIEGO, Calif.—E. O. Larsen, 1340 "E" St., San Diego, was awarded contract by the Bureau of Yards and Docks, at \$97,469 (Items Nos. 3 and 4), for an aircraft storehouse to be built at the Naval Operating Base (Air Station), San Diego; Spec. 8871. The storage bldg. is one-story, steel frame, approx 121x305 ft. 7

BIDS OPENED

SAN LUIS OBISPO COUNTY, Cal.—Jacobson & Jacobson, 3338 Madera Ave., Los Angeles, at \$9,667 submitted low bid to the Superintendent of Lighthouses, Room 425, Custom House, Jackson and Battery Sts., San Francisco, for construction of one frame and stucco dwelling of six rooms, at Piedras Blancas Lighthouse Reservation, located on the sea-coast about six miles north of San Simeon, San Luis Obispo County.

Bids received as follows: (1) work complete, (2) 100 cubic feet additional concrete.

Complete bids were:
Jacobson & Jacobson, L. A., (1) \$9,667, (2) \$75.

O. R. Ochs, San Luis Obispo, (1) \$9,852, (2) \$90.

Theo. M. Maino, San Luis Obispo, (1) \$10,300, (2) \$67.

Fred J. Early, Jr., S. F., (1) \$10,325, (2) \$60.

F. C. Stolte, Carlsbad, (1) \$10,400, (2) \$100.

Adam Arras & Son, S. F., (1) \$11,734, (2) \$75.

BIDS WANTED

FORT LEWIS, Wash.—Until Aug. 11, 11 A. M., bids will be received by the Constructing Quartermaster, Capt. E. P. Antonovich, Fort Lewis, for thirty double and eight single Non-Commissioned Officers' Quarters at Fort Lewis.

Plans and specifications obtainable from the Constructing Quartermaster. 7

BIDS OPENED

KETCHIKAN, Alaska.—J. B. War-rack Co., 1331 3rd Ave. Bldg., Seattle, Wash., at \$18,900 submitted low bid to Procurement Division, Washington D. C., for construction of a retaining wall and bulkhead at the U. S. Post Office and Courthouse at Ketchikan. Other bidders were:
Enterprise Machine Works,

Inc., Ketchikan\$28,591
Wright & Stock, Inc., Seattle. 30,879

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—Holdener Const. Co., 2908 R Street, Sacramento, at \$14,800 awarded contract for the construction of Radio Transmitter Building at the Sacramento Air Depot.

Complete bids published July 21.

BIDS WANTED

GARIBALDI, Ore.—Until Aug. 11, bids will be received by the United States Coast Guard, Treasury Dept., Washington, D. C., Invt. No. P325-CE124, for the construction of a frame equipment building (32x50-ft.) with concrete foundation, concrete floor, and concrete approach slab, together with all accessories required, at the Tillamook Bay, U. S. Coast Guard Station, Garibaldi, Ore. 7

BIDS WANTED

HAMMOND, Ore.—Until August 10 bids will be received by the United States Coast Guard, Treasury Dept., Washington, D. C., Invt. No. P326-CE120, for the construction of a frame equipment building (32x50-ft.) with concrete foundation, concrete floors and concrete approach slab, together with all accessories, at the

Point Adams U. S. Coast Guard Station, Hammond, Oregon. 7

BIDS WANTED

SEATTLE, Wash.—Until August 9, bids will be received by the Procurement Division, Public Bldgs., Branch, Washington, D. C., for installation of new elevator in the Federal Office Bldg., at Seattle. 7

BIDS WANTED

PHOENIX, Ariz.—Until August 10 10:45 A. M., bids will be received by W. B. Fry, Purchasing Officer, Dept. of the Interior, Washington, D. C., for construction of a nurses' quarters building at Phoenix School, Phoenix, Ariz. Plans may be obtained from the above office; no deposit required. The building will be a 1-story concrete block structure (government to furnish concrete blocks) stucco exterior, Mission tile roofing, vapor heating system, with an alternate for a warm air heating system with summer air conditioner. 7

CONTRACT AWARDED

SAN FRANCISCO.—Westinghouse Electric Elevator Co., 1 Montgomery St. at 432, submitted low bid and was awarded contract by the Custodian of the U. S. Marine Hospital, 14th Ave., and Lake St., for installation of new elevator cables at the Marine Hospital.

Complete bids were:
Westinghouse Electric Elevator Co., \$432.
San Francisco Elevator Co., \$433.89.
Otis Elevator Co., \$471.55.

BIDS WANTED

POINT ARENA LIGHT STATION, Calif.—Until August 6, 11 A. M., bids will be received by the Department of Commerce, Lighthouse Service, 425 Custom House, San Francisco, for electrification wiring of four sets of quarters at the Point Arena Light Station, located approx. 4 1/2 miles from Point Arena, Mendocino County, Calif.

Specifications obtainable from the above office and are on file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

LOW BIDDER

TERMINAL ISLAND, Los Angeles Co., Calif.—W. E. Allen, 745 W. 14th St., Long Beach, at \$46,214 on first item; \$12,778 each on second and third items and \$10,955 each on fourth and fifth items, submitted low bids to the U. S. Dept. of Justice, Bureau of Prisons, Washington, D. C., for the construction of four dwellings at the Federal Jail, Terminal Island; Schedule 1529.

BIDS WANTED

HICKAM FIELD, T. H.—Until Aug. 23, 11 A. M., bids will be received by Capt. John A. Hunt, Constructing Quartermaster, Hickam Field, T. H., for furnishing and erecting of a flag pole at Hickam Field, T. H.

Plans and specifications may be obtained from the above office upon deposit of \$5 payable to the finance office of the U. S. Army, Honolulu, T. H., and a copy of these plans and specifications are on file for examination in the Office of the Constructing Quartermaster, Fort Mason, Calif. and at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

CONTRACT AWARDED

YERBA BUENA SHOALS.—R. P. Paoli & Co., 2530 Lombard St., San Francisco at \$11,870 awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., Room 1400, San Francisco, for

exterior painting of the Federal Bldg., Yerba Buena Shoals.

BIDS WANTED

SAN FRANCISCO.—Until August 16, 10 A. M., as previously reported, bids will be received by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for interior and exterior painting and repair at the U. S. Custom House, San Francisco. Specification may be obtained at the above office and at the office of the custodian of the Bldg. at S.F.

CONTRACT AWARDED

SACRAMENTO, Calif.—Pac. Paint and Decorating Co., 5414 Telegraph Ave., Oakland, at \$3,569 awarded contract by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for painting plaster (additional stories) in the U. S. P. O., Court House, etc., Sacto.

Complete bids published July 12.

BIDS OPENED

VENTURA COUNTY, Calif.—W. E. Robertson, 1103 So. LaBrae St., Los Angeles, at \$17,341 submitted low bid to the Superintendent of Lighthouses, Room 425, Custom House, Jackson and Battery Sts., S. F., for construction of two frame and stucco dwellings of six rooms each, at Point Hueneme Lighthouse Reservation located on seacoast approx. five miles south of Oxnard, Ventura County.

Bids received as follows: 1 work complete, (2) 20 c.y. grading (3) 600 c.f. additional concrete (4) 400 lbs. additional reinforcing steel, (5) 50 c.y. backfill under basement floors.

Complete bids were:
W. E. Robertson, Los Angeles, (1) \$17,341, (2) \$25, (3) \$420, (4) \$28, (5) \$25.

Hansen & Izer, Ventura, (1) \$17,850, (2) \$20, (3) \$450, (4) \$20, (5) \$50.

George McLeod, Ventura, (1) \$19,000, (2) \$14, (3) \$360, (4) \$24, (5) \$50.

Jacobson & Jacobson, L. A., (1) \$19,434, (2) \$15, (3) \$360, (4) \$32, (5) \$75.

Fred J. Early, Jr., S. F., (1) \$19,888, (2) \$30, (3) \$300, (4) \$24, (5) \$50.

F. C. Stolte, Oakland, (1) \$22,000, (2) \$20, (3) \$600, (4) \$28, (5) \$50.

Tod, Anderson & Carver, Ventura, (1) \$20,872, (2) \$25, (3) \$420, (4) \$32, (5) \$45.

(S1) 1st rep. July 22, 1938. * 7

BIDS OPENED

MONTEREY COUNTY, Calif.—Wm. P. Sweeney, 863 Lighthouse Ave., Pacific Grove, at \$8,856 submitted low bid to the Superintendent of Lighthouses, Room 425, Custom House, San Francisco, for construction of one frame and stucco dwelling at Point Pinos Lighthouse Reservation on the coast-line, adjoining Pacific Grove, Monterey County.

Bids received as follows: (1) work complete, (2) 100 cubic feet additional concrete.

Complete bids were:
Wm. P. Sweeney, Pacific Grove, (1) \$8,856, (2) \$87.

John E. Branagh, Piedmont, (1) \$9,722, (2) \$60.

H. C. Geyer, Monterey, (1) \$9,742, (2) \$54.15.

W. C. Tait, Inc., S. F., (1) \$9,880, (2) \$100.

Jacobson & Jacobson, L. A., (1) \$9,892, (2) \$90.

Fred J. Early, Jr., S. F., (1) \$9,910, (2) \$60.

M. J. Murphy, Inc., Carmel, (1) \$9,985, (2) \$70.

F. C. Stolte, Oakland, (1) \$10,000, (2) \$100.

(6) 1st rep. July 18, 1938. * 7

CONTRACT AWARDED

SAN DIEGO, Cal.—E. O. Larsen, 1340 "E" St., San Diego, has been

awarded a contract on Item No. 3, at \$103,000 (subject to the approval of the Bureau of Yards and Docks), for the superstructure only of an aircraft storehouse to be built at the Naval Operating Base (Air Station), San Diego; Spec. 8871. The storage building is one-story steel frame, approximately 121x305 ft. It will have concrete footings, walls, foundation and floor; structural steel trusses and frames; steel windows and doors; vertical rolling steel doors; steel rolling doors on track; timber roofing deck with built-up roofing; corrugated asbestos siding; hanging gutters; downspouts, electrical, plumbing and drainage systems. 7

BIDS WANTED

SAN FRANCISCO.—Until August 12, bids will be received by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for installation of sterilizer at the U. S. Marine Hospital, 14th Ave., and Lake St., San Francisco. * 7

8— CLUB BUILDINGS

BIDS WANTED

NEVADA. CITY, Nevada Co., Cal.—Until August 16 bids will be received by Trustees, Oustomah Lodge, No. 16, I.O.O.F., for constructing new roof on banquet hall using corrugated galvanized iron, 26 gauge. Specifications may be obtained from above. 8

Plans Being Figured — Bids Close Aug. 15, 4 P. M.

CLUB HOUSE. Cost, \$18,000
OAKLAND, Alameda Co., Cal. Temescal Park.

Two-story concrete and frame rustic type recreation club house (30x70-ft.)

Owner—East Bay Regional Park District.

Architect—Williams & Wastell, 337 17th St., Oakland.

Plans and specifications may be obtained from the owner upon deposit of \$25.00.

9— HOSPITALS

Funds Allotted

HOSPITAL Cost, \$79,710
WEIMAR, Placer Co., Cal.

Two-story addition to sanitarium.

Owner—Weimar Sanitarium.

Architect—Harry J. Devine, Cronan Bldg., Sacto.

PWA grant of \$35,868 allotted.

PLANS BEING FIGURED

LOS ANGELES, Cal.—Until Aug. 4 9:30 A. M., Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., are taking bids from a selected list of contractors for a 1-story Class A reinforced concrete hospital bldg., 39x92-ft. In area, and a one- and part two-story Class D frame and stucco home, 185x92-ft. in area, to be erected in the block bounded by Reno, Occidental, Council and Glassell Streets, for St. Ann's Maternity Hospital, to be operated by Queen of Angels Hospital. 9

PLANS BEING FIGURED

LOS ANGELES, Calif.—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have completed plans and are taking bids from a selected list of contractors for a 1-story, class A, reinf. concr. hospital bldg., 39x92 ft. in area, and a 1- and part 2-story, Class D, frame and stucco home, 185x92 ft. in area, to be erected in the block bounded by Reno, Occidental, Council and Glassell Sts. for St. Ann's Maternity Hospital. The hospital will have com-

position roof, steel sash, terrazzo and tile floors. The home will have composition roof, wood sash, pine, lin., tile and asphalt tile floors, toilets, forced-air heating system, kitchen equipment. Bids are to be submitted before 9:30 A.M., Aug. 4. The hospital is to be operated by the Bureau of Catholic Welfare and not by the Queen of the Angels Hospital, as previously reported. 9

August 4, 1938

Plans Completed

HOSPITAL Est. Cost, \$700,000
SAN FRANCISCO. Seventh Avenue and Dewey Blvd. (Laguna Honda Home).

New hospital bldg. (400 beds) connecting with the present unit and containing ex-ray offices, staff of offices, operating room and morgue, also reconstruction of ward buildings E and F, containing 400 beds, and reconstruction of employees' dining room, kitchen, etc., facilities and reconstruction of infirmary bldg. and heating and lighting systems to serve new additions.

Owner—City & County of San Francisco.

Architects—Dodge A. Riedy, 821 Market St., and Frederick H. Meyer, Kohl Building.

Structural Engineers—W. H. Ellison, Pacific Bldg., and Hall & Pregonoff, 350 California Street, Associates.

Electrical Engineer—Robt. L. St. John 544 Market Street.

Mechanical Engineers—Leland & Haley, 58 Sutter Street.

Plans have been forwarded to the City Hall for approval.

(6740) 1st report Nov. 24, 1937; 5th, June 23, 1938. 9

Bids Wanted — To Close August 31, 2 P. M.

HYDROTHERAPY WINGS

AGNEW, Santa Clara Co., Calif.

State Hospital.

Two hydrotherapy wings at State Hospital (two separate additions on existing receiving bldgs.); two-story reinf. concrete construction, hollow tile partitions, steel sash, tile roofs. (Total combined area approx. 14,000 sq. ft.)

Owner—State of California.

Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.

Plans and specifications may be obtained from above office upon deposit of \$25.00.

Bids are being taken as follows:

- (1) General work;
- (2) Electrical Work;
- (3) Plumbing Work;
- (4) Heating and Ventilating Work. (306) * 9

BIDS WANTED

SAN FRANCISCO.—Until Aug. 12, 2 P. M., bids will be received by the Custodian, U. S. Marine Hospital, San Francisco, for furnishing and installing a sterilizer at the Marine Hospital, San Francisco.

Plans and specifications may be obtained at above office. * 9

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

BIDS REJECTED

MONO COUNTY, Cal.—The County of Mono, George C. Delury, Jr., Clerk rejected all bids received July 6 for two types of heating systems for the Mono County Court House. One type to be the warm air heating and ventilating system and the other to be the steam heating system.

Work will be re-advertised later as a PWA project. * 33

Plans Completed

POLICE STA. & JAIL. Cost, \$20,460
BURLINGAME, San Mateo Co., Cal. One- and part two-story reinforced concrete police station and jail. Owner—County of San Mateo. Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

PWA grant recently allotted in the amount of \$9,207.

The city council will probably set a date Monday night to ask bids. *

Sub-Contracts Awarded

CLUB BLDG. Cont. Price, \$112,190
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two-story women's club house to be known as the Yerba Buena Club. Owner—Women's Club House Association (Mrs. E. S. Heller, chairman).

Architect—Wm. W. Wurster, 260 California St., San Francisco.

Contractor—Chas. Stochelm & Sons, 235 Montgomery St., S. F.

Glass.—W. P. Fuller & Co., 301 Mission Street.

Roofing.—General Roofing Co., 3985 Beach St., Oakland.

Plumbing.—Jas. A. Nelson, Inc., 1375 Howard St.

Heating.—E. Sugarman, 3624 Geary. Mill Work—Pacific Mfg. Co., 454 Montgomery St.

Electric Wiring.—Central Electric Co., 179 Minna St.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—O'Mara & Stewart Ltd., 218 Clara St., S. F., at \$29,674 submitted low bid to the Department of Public Works at the Office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., S. F., for plumbing, heating and ventilating for the California State Bldg.

Work includes the furnishing and installing of all rough and finish plumbing with the necessary fixtures and services for the complete plenum fan heating and ventilating system; and all sheet metal work not covered by the contract for general construction.

Complete bids follow:
O'Mara & Stewart Ltd., \$29,674.
Scott Co., Inc., \$29,985.
James H. Pinkerton Co., \$30,477.
James A. Nelson, Inc., \$30,620.
Bids forwarded to Sacramento.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—Spencer Electric Co., 570 Natoma St., S. F., at \$13,289, submitted low bid to the Department of Public Works at the office of the California Commission, for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., S. F., for electrical work for the California State Bldg.

Work includes the furnishing and installing of all wiring, switches and light-control equipment.

Complete bids follow:
Spencer Electric Co., \$13,289.
Edward J. Lynch Electric Co., \$14,411.

Abbett Electric Co., \$15,534.
Severin Electric Co., \$15,540.
Central Electric Co., \$16,456.
H. C. Reid & Co., \$16,724.
Bids forwarded to Sacramento.

Contract Awarded

TOLL PLAZAS Cont. Pr., \$14,900
YERBA BUENA ISLAND. Site of the 1939 World's Fair.

Construction in accordance with the specifications therefor, to which special reference is made, of the Toll Plaza, Yerba Buena Island, of the San Francisco—Oakland Bay Bridge; work includes permanent toll plaza, electrical w/k,

plumbing, permanent office, and temporary toll plaza.
Owner—State Dept. of Public Works, S. F.—Oakland Bay Bridge Division.

Plans prepared by S. F.—Oakland Bay Bridge Division.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Funds Allotted

ADDITION Est cost, \$40,000
SACRAMENTO, Calif. 1 St., betw. Ninth and Tenth Sts.
Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento.

Architect—Harry J. Devine, Cronan Bldg., Sacto.
PWA grant allotted in amount of 45% of cost.

It was previously reported in error that contract had been awarded; however, bids were rejected and application filed for federal grant.

August 2, 1938

Plans Being Completed
COUNTY JAIL Cost, \$100,000
REDDING, Shasta Co., Calif. NV West and Butte Streets.

Three-story and basement county jail bldg. to accommodate 100 prisoners.

Owner—County of Shasta.

Architect—Masten & Hurd, 442 Post St., San Francisco.

PWA grant of approximately \$41,000 allotted. Balance of funds on hand.

Bids will be asked in about two weeks.

BIDS WANTED

SAN FRANCISCO—Until August 17, 2:30 P. M. bids will be received by the Department of Public Works, Room 251, City Hall, for general construction of the yard, garage and office for the Street Cleaning Department of the Department of Public Works at E 19th Ave. between Taraval and Sanitago Sts. Estimated cost, \$10,000.

Specifications may be obtained from City Architect Chas. Sawyer, Room 265, City Hall, upon deposit of \$10.00.

BIDS WANTED

SACRAMENTO, Cal.—Until Aug. 8 11 A. M. bids will be received by F. E. Smith, Clerk, Kern County Board of Supervisors, Bakersfield, for the construction of an exhibition booth at the Agricultural Pavilion, Agriculture Park, Sacramento.

Plans and specifications may be obtained from Architects Symmes & Willard, Stanton Willard, Architect, 1314 17th St., Bakersfield, upon deposit of \$10.00.

CONTRACT AWARDED

YERBA BUENA SHOALS—Spencer Electric Co., 579 Natoma St., San Francisco, at \$13,289 awarded contract by Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Rm. 411, Pacific Mutual Life Insurance Building, 660 Market St., San Francisco, for electrical work for the California State Building.

Work includes the furnishing and installing of all wiring, switches and light-control equipment.

Complete bids published August 1.

BIDS WANTED

UPLAND, San Bernardino Co., Cal.—Until Aug. 12, 8 P. M. bids will be received by the City of Upland for construction of a 1-story and basement reinf. concrete city hall bldg. on the NW cor. of "D" St. and 2nd Ave., Upland, a PWA project. Plans and specifications may be obtained from the architects, Walker & Eisen,

437 S. Hill St., L. A., upon deposit of \$20. Certified or cashier's check or bond of 5% required. Cost \$70,000. 13

COMPLETING PLANS

SAN LUIS OBISPO, Calif.—Architects Walker & Eisen, 437 S. Hill St., L. A., are completing plans for the third and final unit of the San Luis Obispo county courthouse. It will be a 4-story structure, 170x60 ft. in area. Est. cost \$220,000. 13

Bids Opened

ELEVATOR Cost, \$.....
SACRAMENTO, State Capitol.
Installation of new elevator in State Capitol.

Owner—State of California.
Architect—Geo. M. McDougall, State Architect, Public Works Building, 12 & N Sts., Sacto.
Letting: Otis Elevator Co., 1 Beach St., S. F.

Complete bids follow:
Otis Elevator Co., S. F., \$21,895.
Pacific Elevator Co., S. F., \$22,836.
Westinghouse Elevator Co., S. F., \$25,000.

Bids held under advisement.

Preparing Preliminary Plans

ALTERATIONS Cost, \$.....
UKIAH, Mendocino Co., Calif.
Alterations to City Hall.
Owner—City of Ukiah.
Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Bids Wanted — To Close August 15, 8 P. M.

POLICE STA. & JAIL Cost \$22,500
BURKINAME, San Mateo Co., Cal. One- and part two-story reinforced concrete police station and jail.
Owner—City of Burlingame.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

PWA grant recently allotted in the amount of \$9,207.

Plans and specifications may be obtained from the architect upon deposit of \$20.00.

Contract Awarded
EXHIBIT BLDG. Cont. Pr. \$36,000
YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Hawaii Exhibit Building, to include a theater, large reception room and exhibit hall.

Owner—Hawaii Territorial Fair Committee (Sherwood M. Lawrence, chairman).

Architect—American Institute of Architects in Hawaii (Claude A. Stiehl, Architect; Lewis P. Hobart, Supervising Architect, San Francisco).

Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.

Complete bids follow:
Lindgren & Swinerton, S. F., \$36,000.
Chas. Stockholm, S. F., \$36,480.
Dinwiddie Con. Co., S. F., \$37,157.
Cabill Bros., S. F., \$37,500.
Barrett & Hilp, S. F., \$42,337.

Bids Wanted — To Close August 23, 11 A. M.

COURTHOUSE ADDITION

Cost, \$240,000
REDWOOD CITY, San Mateo Co., Calif. Broadway and Hamilton Ave.

Three-story reinf. concrete county office building connected by corridor with present courthouse (two elevators and central heating plant).

Owner—County of San Mateo.
Architects—W. H. Toepke, 74 New Montgomery St.; Thomas M. Edwards, 9 Geary St., and H. A. Scharv, 605 Market St., San Francisco.

Plans and specifications may be

obtained from Architect W. H. Toepke upon deposit of \$25.00.

PWA grant of \$108,000 allotted. Balance of funds on hand.

CONTRACTS AWARDED

YERBA BUENA SHOALS. — O'Mara & Stewart, Ltd., 218 Clara St., San Francisco, at \$29,674, awarded contract by Department of Public Works at the Office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, for plumbing, heating and ventilating for the California State Bldg.

Work includes the furnishing and installing for all rough and finish tures and services for the complete plenum fan heating and ventilating system; and all sheet metal work not covered by the contract for general construction.

Complete bids published Aug. 1.

BIDS OPENED

SACRAMENTO, Cal.—Willcox & Wilson, 1724 9th St., Sacramento, at \$28,477 (Alt.) and \$263, submitted low bid to State Division of Architecture, Sacramento, for painting the grand stand at State Fair Grounds, Sacramento. Only other bidder was Al Simmonds, Sacramento, at \$3,850 (Alt.) \$150.

Bids held under advisement. * 13

Preparing Working Drawings.

CITY HALL. Cost, \$40,000
YUBA CITY, Yuba Co., Calif.
City Hall Bldg., containing administration offices, meeting chambers, police and fire department.
Owner—City of Yuba City.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Bids Wanted—To Close August 19, 2 P. M.

EXHIBIT BLDGS.

YERBA BUENA ISLAND, Site of the 1939 World's Fair.

Construction Redwood Empire Bldg. and Sacramento Valley and Mountain Counties Bldg.
Owner—State of California Commission for the Golden Gate International Exposition, (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture, (George E. McDougall, State Architect; Timothy Pfleger, Supervising Architect).

Buildings are to be of wood frame construction with wood sills, joists and floors.

The Redwood Empire Building is an "L"-shaped structure. The central portion is two-story construction approximately 80-ft. square with two single story wings, 85-ft. long and 145-ft. long, respectively, with a width of about 45-ft. The exterior finish will be partly plywood and partly ornamental redwood sheathing. The roof will be a combination shake and prepared roofing. Wood sash will be used and all framing and finish woodwork will be redwood.

The Sacramento Valley and Mountain Counties Building in floor plan consists of a circular segment about 150-ft. long by 35-ft. wide, with a circular structure at one end having a diameter of 70-ft. The building in general is single story construction. Adjoining this on the inner side of the segment is a wood frame balcony 13-ft. in width, with timber supporting columns, wood floors, and a canvas deck or roof covering. Wood sash will be used and the exterior finish will be partly plywood and partly corrugated iron. The roof will be prepared roofing.

The circular portion of the building has a mezzanine floor, 13-ft. in

width, with the central portion lighted by a skylight 30-ft. in diameter. A central pipe column supports the skylight but all other columns are wood. In general, this building is constructed of Douglas fir.

Certain offices and toilet spaces in both buildings will have the interior finish included, but in general, the interior finish is not a part of this contract.

Plumbing and electrical work for both buildings will be included as a part of this contract.

Plans and specifications may be obtained at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the offices of the Builders' Exchange in San Francisco and in Oakland.

Bids, which must be accompanied by cash, a cashier's check or certified check payable to the Director of Public Works in the amount of 1% of bid, will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and ready in Room 415 of said bldg. 13

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 9, 10 A. M., (bid opening date postponed from Aug. 2), bids will be received by the San Diego city clerk for furnishing and installing burglar alarm system, electrical fixtures and vault doors in the new San Diego City and County Admin. Bldg. Plans and specifications may be obtained from the Associated Architects, Civic Center Bldg., San Diego, upon deposit of \$25 for each branch of the work. 13

COMPLETING PLANS

CHINO, San Bernardino Co., Cal. Architects Walker & Eisen, 437 S. Hill St., L. A., are completing working plans for the new Southern California state prison to be built on a 2500-acre tract of land near Chino, San Bernardino county. Federal grants and state appropriations have been provided for financing the first year's program, which will operate under a series of WPA projects. Materials will be purchased as needed, bids for the first items, including transit-mixed concrete, to be advertised by the architects next week. Following is a list of the bldgs. to be constructed and the estimated cost of each: Eight farm dormitories, each with a capacity of 52 persons, \$435,000; medium security cell block, \$570,000; observation cell block, \$530,000; reception bldg., \$32,500; admin. bldg. and guards' dormitories, \$324,000; fire house, \$20,500; mess hall, kitchen, bakery and commissary, \$135,000; two industrial bldgs., \$92,000; fifteen guards' cottages, \$70,000; warden's dwelling and guest house, \$51,000; hospital, \$205,000; laundry, barber shop and bathroom, \$43,500; farm admin. bldg., \$42,500; truck crows and headquarters, \$73,000; creamery and milk processing bldgs., \$76,000; milking barn, \$11,800; abattoir, \$17,000; arsenal, \$45,000; power house and boilers, \$70,000; sewage treatment plant and collection system, \$120,000; elec. distributing lines and system, \$150,000. Work is under way by WPA forces on the roads, fences, garage, warden's dwelling and guest house, with the architects supervising construction. 13

CONTRACT AWARDED

SAN DIEGO, Cal.—PWA awarded contract between the City of San Diego and M. H. Golden, 531 Bank of America Bldg., San Diego, for the construction of the new city jail, police station and courtrooms at the foot of Market St., San Diego. The contract price is \$385,321. Quayle Brothers and A. O. Treganza, 601 Spreckels Theater Bldg., San Diego, architects. 13

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until August 11, 3 P. M., bids will be received by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.) 555 Bush St., Room 222, for wood masts—Pacific Building, Contract No. 198.2.

Specifications may be obtained from above office today at 2 P. M. (321) 13

BIDS OPENED

SAN FRANCISCO.— Calif. Steel Products Co., 490 Bay St. at \$147, submitted low bid to Dept. of Public Works for furnishing and installing chutes at the asphalt plant. Other bidders were: California Steel Products Co., \$147. Main Engineering Co., \$160. Ocean Shore Iron Works, \$174. Bids held under advisement.

Bids Opened

INSPECTION BLDG. Cost, \$..... **ALAMEDA COUNTY, Calif.** Construction in accordance with the specifications of the inspection buildings of the railway facilities of the San Francisco-Oakland Bay Bridge; contract R8.

Owner—State of California. Plans by Dept. of Public Works, S.F. Oakland Bay Bridge, C. H. Purcell, Chief Engineer. Low bidder—Fred J. Early, 369 Pine St., San Francisco. Complete total bids follow: Fred J. Early, San Francisco, \$132,352.50. Barrett & Hilp, S. F., \$135,105.00. Bates & Rogers, Oakland, \$135,289.50.

14— RESIDENCE

Contract Awarded **RESIDENCE** Cost \$9,000 **BURLINGAME, San Mateo Co., Cal.** Lot 30, Block 2. One-story frame and stucco residence.

Owner—C. B. Eacret. Architect—Not given. Contractor—M. C. Rench, 736 Farrington Lane, Burlingame. 14

Contract Awarded **DUPLEX** Cost, \$12,000 **SACRAMENTO, Calif.** 2025-2031 10th St. and 1001-1009 U St. Duplex bldgs.

Owner—L. Arnold, 320 R St., Sacto. Architect—Not given. Contractor—F. L. Terra, 1712 W. St., Sacramento. 14

Contract Awarded **RESIDENCE** Cost, \$5,000 **RICHMOND, Contra Costa Co., Cal.** One-story frame and stucco residence (hardwood floors, tile bath, etc.)

Owner—Withheld. Architect—Keith O. Narbett, 462 31st Street, Richmond. Contractor—Norman Anderson, 560 30th St., Richmond. 14

Contract Awarded **RESIDENCE** Cost, \$8,000 **SAN FRANCISCO, NE Ocean Ave. and San Benito.** Two-story and basement frame and stucco residence. Owner—Lloyd J. Cosgrove, 22nd and Mission Streets. Architect—Not Given. Contractor—Arco Bldg. Co., 5411 Mission Street. 14

Contract Awarded **RESIDENCE** Cost, \$18,930 **ATHERTON, San Mateo Co., Calif.** Two-story wood residence (9 rooms, 4 baths—library, 3-car garage, etc.), single tile roof, etc. Owner—Blake Darling, Atherton. Architect—William Wilson Wurster, 260 California St., S. F. Contractor—E. J. Schmalling, 863 Melville Ave., Palo Alto.

Sob-Contracts Awarded **RESIDENCE** Cont. Pr. \$14,400 **MERCED, Calif.**

Two-story frame and stucco residence (10 rooms, 3 baths), wood sash, shake roof, hot air heating system, hardwood floors, tile baths, etc. Owner—Frank Ostrander, c/o Archt. Architect—Charles E. Butler, 7 Winham St., Salinas. Contractor—C. E. Cameron & Son, P. O. Box 244, Merced.

Roofing—Henry Bowman, 261 19th Street.

Plumbing, Electric Wiring, Heating & Sheet Metal—Sanitary Plumbing Co., P. O. Box 937.

Tile Work—Merced Tile Co., 741 17th Street.

Hardwood Floors—Ed. La Salle, 146 18th St.

Brick and Stone Work—N. P. Blake-man & Son, Rt. 2, Box 136.

Lumber & Mill Work—Cross Lumber Co., Drawer L.

Hardware—Bedesen & McNamara, 637 L Street.

Painting—J. G. Dodge, 336 25th St.

Lathing & Plastering—J. H. Shone, 11 18th St.

Concrete—J. W. Huffman, 921 21st Street.

Preparing Working Drawings **RESIDENCE** **ATHERTON, San Mateo Co., Calif.** Mindenwood.

One-story frame residence (8 rooms, 3 baths) shingle roof, gas heating system, etc.).

Owner—Withheld. Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Bids will be asked in about two weeks.

Low Bidder **RESIDENCE** Cost, \$7,000 **SAN FRANCISCO, 1364 12th Ave.**

Two story frame and stucco residence (5 rooms); hardwood floors, tile bath, composition roof, warm air gas fired heating system, wood sash, etc. Owner—Miss P. Cole, c/o Archt. Architect—F. F. Amades, 414 Dewey Blvd., S. F.

Low bidder: Carl Olson & Son, 1386 31st Ave., S. F.

To Be Done By Day's Work **RESIDENCE** Cost, \$10,000 **RICHMOND, Contra Costa Co., Cal.** S. Silva, Betw. Munt and Carlton.

Two-story and basement frame residence. Owner and builder—J. P. Brennan, 2820 Regent St., Berkeley. Architect—Chester H. Treichel, 696 Cleveland St., Oakland. 14

Plans Being Figured—Bids Close

August 10, 5 P. M.

RESIDENCE Cost, \$.....
SAN FRANCISCO. Commonwealth and Euclid Avenues.

Two-story residence (redwood exterior, composition roofing, gas heating system, oak and linoleum floors).

Owner—Dr. and Mrs. Bernhard Berliner.
Architect—Gardner A. Dailey, 210 Post Street.Following will submit bids.
A. F. Mattock & Co., 212 Clara St.
Moore & Madsen 557 Market Street
H. H. Larsen & Co., 61 South Park
G. P. W. Jensen & Sons, 320 Market Street.

Paul K. Jones, 666 Mission Street

To Be Done By Days Work**RESIDENCES** Cost, \$5,000 ea.
ALAMEDA, Calif. Windsor Drive and Cambridge Drive.

Five, one-story frame and stucco residences.

Owner and builder—George Windsor, 2821 Ferndale Blvd., Alameda.

Plans by J. M. Johnson, 2217 7th Ave., Oakland. 14

Sub-Contracts Awarded**RESIDENCE** Cont. price, \$9,753
SAN FRANCISCO.

Two-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.

Owner—Herbert G. Blum.
Architect—Harold G. Stoner, 251 Kearny St.

Contractor—Stuart Foster, 28 Harry St.

Roofing—Jack Johnson Roofing Co., 3365 Army St.**Plumbing**—I. D. Chadbourne, 424 Deway Blvd.**Electric Wiring**—Fred Johnson Electric Co., 3363 Army St.**Heating & Sheet Metal**—Colan & Leonard Heating & Sheet Metal Co., 1060 Folsom St.**Tile Work**—Albert Cook Tile Co., 334 Claremont Blvd.**Glass**—S. F. Glass Co., 5234 Mission St.**Hardwood Floors**—Inald Floor Co., 600 Alabama St.**Brick and Stone**—Frederick Hoffma, 11 Harper St.**Foundations**—D. O'Connor & Son, 1367 25th Ave.**Lumber**—Allen & Dettman, 200 Evans Ave.**Mill Work**—Liberty Mill & Cabinet Co., 1433 Van Dyke Ave.**Hardware**—S. Mariani & Sons, 3364 Mission St.**Painting**—Frank Griffin, Jr., 1051 Valencia St.**Lathing & Plastering**—A. Milano, 399 Templeton Ave.**Concrete**—D. O'Connor & Sons, 1367 25th Ave.**Linoleum**—West Coast Linoleum & Carpet Stores, 2703 Mission St.**Contract Awarded****RESIDENCE** Est. cost, \$25,000
LOS GATOS, Santa Clara Co., Calif.

One-story frame residence (14 rms., 4 baths) shake roof, hardwood floors, tile baths, etc.

Owner—Edith F. Froud, c/o Cont.

Architect—Hyman & Appleton, 68 Post St., S. F.

Contractor—Jacks & Irvine, 620 Market St., S. F.

Plans Being Figured—Bids Close

August 10, 5 P. M.

RESIDENCES
HILLSBOROUGH, San Mateo Co.

Two one-story frame and stucco residences (hardwood floors, tile baths, wood sash, etc.)

Owner—Withheld.

Architect—Mario Corbett, 72 3rd Ave. San Mateo.

Following selected contractors are figuring plans:

Lengfield & Olund, Ltd., 220 Third Ave., San Mateo.

Chas. J. Pedersen, 734 Prospect Row, San Mateo.

Herman T. Holsher, 325 Elm St., San Mateo.

G. W. Williams Co., 10 California Drive, Burlingame.

R. A. White, 744 Crossway Road, Burlingame.

Greer Pedersen, 117 Anita Road, Burlingame.

Low Bidder**DUPLEX RESIDENCE** Cost, \$.....
SOUTH SAN FRANCISCO, San Mateo Co., Calif.

One-story frame residence (8 rooms, 2 baths), hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Low Bidder—A. Bianchi, South San Francisco.

Contract Awarded**RESIDENCE** Cont. Pr. \$4,988
SACRAMENTO, Calif.

One-story brick veneer, wood siding residence; hardwood floors, tile bath, shingle roof, etc.

Owner—Mr. McCrae, c/o Arch.

Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Contractor—C. E. De Cuir, 2739 Marshall St., Sacto.

Plans Completed**RESIDENCE** Cost, \$.....
SAN FRANCISCO. Escolta and 31st Avenue.

One - story frame and stucco residence (hardwood floors, tile baths wood sash, etc.)

Owner and Builder—G. W. Morris, 95 Pinehurst Way.

Architect—D. E. Jaekle, 126 Post St.

Completing Working Drawings**RESIDENCE** Cost, \$.....
MENLO PARK, San Mateo Co., Cal.

Two - story frame and stucco residence (6 rooms) hardwood floors, tile baths, forced hot air heating system, double garage.

Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Low Bidder**RESIDENCE** Cost, \$.....
PIEDMONT, Alameda Co., Cal. St. James Wood.

Two - story frame and stucco residence (hardwood floors, baths).

Owner—Withheld.

Architect—Miller and Warnecke, 1700 Financial Center Bldg., Oakland.

Low Bidder—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.

Plans Being Figured — Bids Close

Aug. 9, 4 P. M.

RESIDENCE
CROCKETT, Contra Costa Co., Calif.

One-story frame and stucco residence; hardwood floors, tile bath, etc.

Owner—Withheld.

Architect—Miller & Wernecke, 1700 Financial Center Bldg., Oakland.

Following contractors are figuring plans:

V. E. Sigge, 3912 Linwood Ave., Oakland.

Olaf Petersen, 3626 Rhoda Ave., ridge Road, Oakland.

Jensen & Pedersen, 3443 Adelina Oakland.

A. Frederick Anderson, 1093 Long-St., Oakland.

Contract Awarded**RESIDENCE** Est. cost, \$23,000
BERKELEY, Ala. Co., Calif., 275 Alvarado Road.

Two-story frame residence (10 rms.); garage.

Owner—C. C. Young, 604 Mission St., S. F.

Architect—Angus McSweeney, 604 Mission St., S. F.

Contractor—Willis F. Lynn, 1037 Ashmount Ave., Berkeley. 14

Sub-Contracts Awarded**RESIDENCE** Cost, \$5,400
CARMEL, Monterey Co., Calif.

One-story rustic cottage, (4 rooms, 2 baths) shingle roof, steel sash and roll screens, plate glass, hardwood floors, etc.

Owner—Mrs. A. P. Fraser, Carmel.

Architect—Not given.

Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.

Plumbing & Sheet Metal—Anderson-Dougherty-Hargis Co., 225 Main St., Salinas.**Electric Wiring**—Carl S. Rohr, P. O. Box 701, Carmel.**Heating, Glass & Hardware**—Carmel Building Specialties Carmel.**Lathing & Plastering**—George J. Turner, 234 Congress Ave., Pacific Grove.**Contract Awarded****RESIDENCE** Cost, \$15,713
BELVEDERE, Marin Co., Calif.

Two-story and basement frame and stucco residence.

Owner—Carl & Genevieve Rebmann.

Architect—Henry H. Gutterston, 526 Powell St., San Francisco.

Contractor—Moore & Madsen, 525 Market St., San Francisco. 14

Plans Being Completed**DUPLEX** Cost, \$9,000
ALBANY, Ala. Co., Calif.

One-story frame and stucco duplex (10 rooms, 2 baths) tile and composition roof, gas heating system, etc.

Owner—M. Borell.

Architect—Keith Narbett, 462 31st St., Richmond.

Contract will be selected by owner.

Contract Awarded**RESIDENCE** Cost, \$9,000
OAKLAND, Ala. Co., Calif.

Two-story frame and stucco residence (8 rooms, 2 baths) shake roof, gas heating system, etc.

Owner—Withheld.

Architect—Keith Narbett, 462 31st St., Richmond.

Contractor—Robert Bartlett, Berkeley, c/o architect.

Contract Awarded**RESIDENCE** Cost, \$.....
ATHERTON OAKS, San Mateo Co.

One-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, tile baths, etc.

Owner—E. W. Clapp.

Architect—Leo Sharps, 3319 Howard Ave., Burlingame.

Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

15—SCHOOLS**Plans Being Prepared**
SHOP BLDG. Est. Cost, \$6,262

SUISUN CITY, Solano Co., Calif.

Addition of frame and stucco manual training shop at the Crystal Grammar School and alterations to present school building including 130 squares of roofing.

Owner—Suisun City Grammar Sch. Dist. (J. I. Finney, Principal).

Architect—Norman R. Conter, 46 Kearny St., San Francisco.

PWA grant of \$2,911 recently allotted to aid in financing work.

General bids will be asked upon completion of plans.

BIDS OPENED

FOWLER, Fresno Co., Calif.—C. L. Frost, 165 Webster St., Monterey, at \$1,358, submitted low bid to the Fowler Union High School District, Dr. Lee Cobb, Secretary, for installation of new composition roofing on the Fowler Union High School at Fowler.

Complete bids follow:
 C. L. Frost, Monterey, \$1,358.
 Shelten Roofing Co., Fresno, \$1,462.92.
 Burnett Lumber Co., Visalia, \$1,537.
 Valley Lumber Co., Fresno, \$1,637.
 C. E. McMillan Co., Fresno, \$1,680.
 Bids under advisement.

BIDS WANTED

MOORPARK, Ventura Co., Calif.—Until Aug. 13, 4:30 P. M., bids will be received by Moorpark Union Elementary School District for reconstruction and adding to a classroom, administration, and auditorium bldg. at the Moorpark elementary school. It will be a 1-story, frame and stucco structure with comp. roof, wood sash, lin. and maple floors, gas-steam radiators and unit heating, toilets, glass brick, kalameni doors; est. cost \$55,000. Plans are available at the office of Architect Richard M. Bates, Jr., 3670 Wilshire Blvd., L. A., upon deposit of \$10. 15

Funds Allotted
AUDITORIUM-GYM Cost \$72,461
SHAFTER, Kern Co., Calif.
 Construction of one-story reinforced concrete auditorium-gymnasium at the high school (75x105 ft.).
 Owner—Kern County Union High School District.
 Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

PWA grant allotted in the amount of 45% of cost.

Funds Allotted
AUDITORIUM-GYM Cost \$112,475
McFARLAND, Kern Co., Calif.
 Construction of one-story reinforced concrete Auditorium-Gymnasium at the high school (75x105-ft.).
 Owner—Kern County Union High School District.
 Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

PWA grant allotted in the amount of 45% of cost.

Funds Allotted
SCHOOL
SPARKS, Nevada.
 Erection of a new grammar school to contain 18 classrooms, library and auditorium.
 Owner—Sparks Grammar School District, (P. R. Hug, Sept. of Schls).
 Architect—F. J. DeLongchamps, Gazette Bldg., Reno.

PWA grant of \$99,705 allotted. The school district recently voted bonds in the amount of \$150,000 to aid in financing construction.
 Bids will be asked in the near future.

BONDS VOTED

COLUSA, Calif.—Colusa Elementary School District voted bonds in the amount of \$25,000 July 28th. Proceeds to finance construction of an addition of six classrooms at the grammar school, estimated to cost \$40,000.

Plans prepared by Architects Starks and Flanders, Bank of America Bldg., Sacramento.

Funds Allotted
SCHOOL ADDN. Cost \$75,000
SALINAS, Monterey Co., Cal. Alisal Elementary School.

Addition of not less than 4 classrooms and an auditorium.
 Owner—Alisal Union Elemen. School District.
 Architect — C. J. Ryland, 136 Bonifacio Place, Monterey.
 The school district, voted bonds July 12 in the amount of \$48,000.
 PWA grant recently allotted to aid in financing construction.

BONDS VOTED
KERN COUNTY, Calif.—Aztec Sch. District voted bonds of \$30,000 July 25, proceeds to be used together with an expected PWA grant to finance construction of an addition to the Aztec school in Kern county. Total est. cost is \$45,000. Prel. plans are under way in the office of Symmes & Willard; Stanton Willard, archt., 1314 17th St., Bakersfield. • 15

Bond Election
SCHOOLS Cost, \$484,000
VALLEJO, Solano Co., Calif.
 New Lincoln School (\$190,000); additions to Charles F. Curry School (74,000); addn. of science bldg. and equipment (\$108,000), and girls' physical education building (\$94,690) at Senior High School; and additions and alterations at Roosevelt School (\$18,000).
 Owner—Vallejo Unified School Dist. Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.

The board of education postponed the date for voting bonds from Sept. 14 to Sept. 29, when the school district will vote on a proposal to issue bonds in the amount of \$275,000, which proceeds together with expected PWA grant of \$225,000 will finance construction. If PWA funds are not granted a second bond election will be held.

Preparing Working Drawings
CHAPEL, ETC. Cost, \$110,000
SAN RAFAEL, Marin Co., Cal. Edgehill Road.
 New chapel and dormitory building (frame and stucco construction) at Dominican College.
 Owner—Dominican College, San Rafael.
 Architect—Arnold Constable, 581 Market St., San Francisco.

Bids will be asked some time in September. *

BONDS VOTED

BRENTWOOD, Contra Costa Co., Calif.—Brentwood Deer Valley School District voted bonds in the amount of \$55,000. PWA grant of \$45,000 has been approved. Plans will be prepared by Architect Frederick H. Reimers, 233 Post St., San Francisco.
 Further details will be announced shortly.

Bids Wanted—To Close August 15, 8 P. M.
AUDITORIUM & CLASSROOM Cost, \$50,000
DELANO, Kern County, Calif.
 One-story reinforced concrete auditorium and classroom addition to Delano Elementary School.
 Owner — Delano Elementary School District.
 Architect—Franklin and Kump, Jr., Haberfelde Bldg., Bakersfield.
 Plans and specifications may be obtained from the architects upon deposit of \$25.00.

BIDS WANTED

ANAHEIM, Orange Co., Cal.—Until August 16, 7:30 P. M., bids will be received by Anaheim Union High School District for a one-story Class A reinforced concrete shower and locker room addition (Unit No. 2) to the girls' gym. building at the Ana-

heim Union high school, a PWA project. Est. cost, \$60,000. Plans at office of Architect T. C. Kistner, 412 Architects' Bldg., Los Angeles; \$500 deposit; 5% to accompany bid. Wm. T. Wright, structural engineer. 15

Contract Awarded
ALTERATIONS Cont. Pr., \$3390
BAKERSFIELD, Kern Co., Calif.
 Alterations to Junior College Building for Junior College Offices.
 Owner—Kern Co. Union High School District (C. F. Moore, Clerk).
 Architect—Chas. H. Higgar, 554 Haberfelde Bldg., Bakersfield.
 Contractor—Guy E. Hall, 4344 1/2 So. Arlington Ave., Los Angeles.

Plans Awaiting PWA Approval.
ADDITION Cost \$.....
GEYSERVILLE, Sonoma Co., Calif.
 Addition of classroom at grammar school.
 Owner—Geyserville Grammar School District.
 Architect—John Easterly, Healdsburg & Santa Rosa.

Bids Wanted — To Close August 9, 8 P. M.
ADDITION Cost, \$50,000
ALBANY, Ala. Co., Calif.
 Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.
 Owner—Albany High School District.
 Architect—Dragon & Schmidts, 2068 Alilston Way, Berkeley.
 Plans and specifications may be obtained at the architects' office upon deposit of \$25.
 Bids will be opened at the Board of Education, Room 1009, Santa Fe Ave., Albany.

Bond Election
ADDITION Est. cost, \$130,000
WOODLAND, Yolo Co., Calif.
 New 2-story wing addition to Woodland high school.
 Owner—Woodland Elementary School District.
 Architect—Dragon & Schmidts, 2068 Alilston St., Oakland.
 Woodland high school will vote August 23 on a proposal to issue bonds in the amount of \$75,000, which proceeds, together with recently allotted PWA grant will finance construction.

Plans Completed
ADDITION Cost 30,900
SALINAS, Monterey Co., Calif.
 Three classroom addition to the Santa Rita School.
 Owner—Santa Rita School District.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 PWA grant of approx. \$13,900 recently allotted to aid in financing construction.
 Plans are completed and bids will be asked shortly.

CONTRACT AWARDED
SANTA BARBARA, Santa Barbara Co. Calif.—Eric C. Smith, 10 E. Sola St., Santa Barbara, awarded contract by Santa Barbara High School Dist., at \$46,275 (subject to WA approval), for construction of a shower and locker bldg at La Cumbre Jr. High School in Santa Barbara. Winsor Soule and John Frederic Murphy, architects, 116 E. Sola St., Santa Barbara. 15

Bond Election
SCHOOL Est. Cost, \$70,000
BENICIA, Solano Co., Calif.
 One-story frame and stucco school building to contain five classrooms and auditorium with manual training room in basement.
 Owner—Benicia Elementary School District.
 Architect—Not Given.

The school district will vote Aug. 9 on a proposal to issue bonds in the amount of \$38,500, which proceeds together with expected PWA grant, will finance construction.

BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until August 16, 11 A. M., bids will be received by the Pasadena Bd. of Education for the reconstruction of the administration and auditorium South building addition and shop building at the McKinley Junior High School, Pasadena; Walter C. Folland, architect, 224 S. Oak Knoll Ave., Pasadena. Est. cost, \$100,000. Plans may be obtained at 320 E. Walnut St., Pasadena, upon deposit of \$25. 15

Funds Allotted
SCHOOL Cost, \$90,000
OAKLEY, Contra Costa County, Cal. One-story frame and stucco grammar school building to contain 8 classrooms, gym and auditorium. Owner—Oakley Grammar School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

The school district recently voted bonds of \$50,000 to aid in financing. PWA grant of \$40,000 allotted.

Funds Allotted
SCHOOL Cost, \$59,213
ORINDA, Alameda County, Calif. One-story frame and stucco grammar school to contain four classrooms.

Owner—Orinda School District. Architect—Harold H. Weeks, 593 Market St., San Francisco.

The school district recently voted bonds of \$30,000 to aid in financing. PWA grant of \$26,992 allotted.

Plans approved by State Division of Architecture.

Contract Awarded
PAINTING, ETC. Cont. Pr. \$1900
MARTINEZ, Contra Costa Co., Calif. Martinez Grammar School. Painting, tinting and repairing at grammar school.

Owner—Martinez Elementary School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Contractor—C. W. Sullberg and Son, 606 Spencer Ave., Santa Rosa.

Bond Election
SCHOOL BLDGS. Est. cost \$403,933
HAYWARD, Ala Co., Calif. Alterations and additions to girls' gym (\$32,700); agricultural bldg. (\$34,255); cafeteria and social center (\$68,970); library bldg. (\$24,711); academic bldg. (\$188,000); music, arts and mechanical drawing bldg. \$36,400; colonnade (\$8,897).

Owner—Hayward Union High School District.

Architect—H. C. Smith, 3867 Sacramento, San Francisco.

The school district will vote Aug. 30 on a proposal to issue bonds in the amount of \$210,000, which proceeds, together with expected PWA grant of \$190,000 will finance construction of school additions and improvements.

BIBDS WANTED

KERN COUNTY, Calif.—Until Aug. 10, 8 P. M., bids will be received by the Paloma Elementary School District, Kern County, B. P. Stearns, Clerk, for construction of a one-story frame and stucco classroom building located in Kern County.

Plans and specifications obtainable at the office of the Architects, Franklin & Kump, Jr., 256 Haberfeld Bldg., Bakersfield.

Bids must be accompanied by cer-

tified or cashiers check or bid bond for 10% of bid. * 15

CONTRACT AWARDED

DELANO, Kern Co., Cal.—Robert Stone, 15 Kentucky St., Bakersfield, at \$1,900 submitted low bid and was awarded contract by the Delano Jt. Union High School District, Wm. E. Smith, M.D., Clerk, for re-roofing of Delano Joint Union High School Physical Education Bldg., located in Delano.

Complete bids follow:
Robt. Stone, Bakersfield.....\$1,800.00
H. Evans, Bakersfield.....1,835.75
J. M. Glover Co., Visalia.....1,848.00
Kern County Roofing Co., Bakersfield.....2,117.00
Burnett Lumber Co., Selma. 2,643.00

Preparing Working Drawings
ADDITION. \$15,000
REDWOOD CITY, San Mateo Co., Calif. Middlefield Road. Addition to Garfield School (2 classrooms).

Owner—Redwood City Elementary School District.

Architect—Thos. M. Edwards, 9 Geary St., S. F.

Preparing Working Drawings
ADDITION Cost, \$97,000
REDWOOD CITY, San Mateo Co., Calif. Duane St.

Two-story addition to McKinley Sch. (10 classrooms).

Owner—Redwood City Elementary School District.

Architect—Thos. M. Edwards, 9 Geary St., S. F.

Preparing Working Drawings
AUDITORIUM. Cost, \$32,000
REDWOOD CITY, San Mateo Co., Calif.

Auditorium at the Lincoln School. Owner—Redwood City Elementary School District.

Architect—Thos. M. Edwards, 9 Geary St., S. F.

Preparing Working Drawings
ADDITION. Cost, \$35,000
RUBENBANE, San Mateo Co., Calif. Frame and stucco addition to grammar school.

Owner—Visitation School District. Architect—Thomas M. Edwards, 9 Geary St., S. F.

Bids will be asked in about two weeks.

Bids Wanted—To Close August 15.
DORMITORY. Cost, \$70,909

1 A GRANDE, Oregon. Three-story reinforced concrete dormitory (130x38-ft.) fir sash and trim.

Owner—State Board of Higher Education, Oregon Bldg., Portland. Architect—John V. Bennes, Lewis Bldg., Portland.

Plans and specifications obtainable at the architect's office upon deposit of \$20.00.

LOW BIDDER

SOLVANG, Santa Barbara Co., Cal.—Hans C. Skritt, Solvang, submitted low bid to the Solvang School District at \$27,030, for construction of a new grammar school building in Solvang. Winsor Soule and John F. Murphy, 116 E. Sola Street, Santa Barbara. 15

BIDS WANTED

PAST BAKERSFIELD, Kern Co., Cal.—Until August 12, 5 P. M., bids will be received by the Kern County Union High School District for Venetian blinds and shades for East Bakersfield high school in accordance with specifications on file in the office of the business manager. 15

BIDS WANTED

PAST BAKERSFIELD, Kern Co., Cal.—Until August 12, 5 P. M., bids will be received by the Kern County Union High School District for Venetian blinds and shades for East Bakersfield high school in accordance with specifications on file in the office of the business manager. 15

Sub-Contracts Awarded
ART ROOM Cont. Pr. \$7,339.75
EXETER, Tulare Co., Calif. Exeter High School.

Owner—Exeter Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Contractor—Smith & Whitney, Exeter.

Roofing—O. W. McNay, 1669 1/2 Chester St., Bakersfield.

Plumbing, Heating and Sheet Metal—M. H. M. Steen, Rt. 2, Box 53, Visalia.

Electric Wiring—Exeter Elec. Co., 236 E Pine St., Exeter.

Glass—Valley Glass Co., 2220 Inyo St., Fresno.

Window Shades & Steel Sash—Healey and Popovich, 818 Hiem Bldg., Fresno.

Lumber—W. R. Spalding, Mill Work, Visalia Planning Mill, Box 428, Visalia.

Hardware—Exeter Mercantile Co. Painting—J. M. York, Box 103, Exeter.

Lathing and Plastering—I. E. Rowley, Route 1, Box 1149, Exeter.

Steel Rolling Doors—Kyle & Co., 346 G St., Fresno.

To Ask Funds
IMPROVEMENTS, ETC. Cost, \$9,000
WATSONVILLE, Santa Cruz Co.

Improve showers, lay cement sidewalks, install sprinkling system for grounds, landscaping, furnish gymnasium equipment at high school.

Owner—Watsonville Un. High School District (T. S. MacQuiddy, Supt. of Schools).

Architect—Not Given.

Application will shortly be filed for PWA grant of approx. \$4000 to aid in financing improvements and purchasing equipment.

Plans Awaiting PWA Approval.
GYMNASIUM. Cost, \$33,000

UPPER LAKE, Lake Co., Calif. One-story frame and stucco gymnasium bldg. at Upper Lake High School.

Owner—Upper Lake High Sch. Dist. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Upon approval of plans bids will be asked.

Contract Awarded
DUPLEX. Cost, \$.....

SACRAMENTO, Calif. Frame and stucco duplex residence.

Owner—Mrs. Josephine Rolufs, c/o Architect.

Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.

BIDS WANTED

OCEANSIDE, San Diego Co., Cal.—Until Aug. 12, 7 P. M., bids will be received by the Oceanside-Carlsbad Union High School District for the completion of the basement section of the west wing of the high school in Oceanside. Plans and specifications may be obtained at the school office or from the architects, Kistner & Curtis, 675 Spreckels Theater Bldg., San Diego. Certified or cashier's check or bond for 5% required. T. Murray MacCallum, Clerk. 15

FUNDS ALLOTTED
ALTURAS, Modoc Co., Cal.—PWA allotted funds in the amount of \$76,000 to the Modoc Union High School District to assist in financing construction of a new high school in Alturas.

Further details will be announced shortly.

New Bids Wanted — To Close Aug. 5, 4 P. M.
PORTABLES.
OAKLAND, Alameda Co., Calif.
 Piedmont & Echo Sts.
 Construction ten portable classrooms at Piedmont Avenue School.
 Owner—Oakland School District.
 Architect—W. G. Corlett, Second Ave. and El 10th St., Oakland (School Administration Bldg.)
 Following submitted bids Aug. 2d, but due to error in one bid, new bids are being taken.
 S. G. Johnson, 4652 Dolores Avenue, Oakland, \$19,514.
 D. W. Nicholson, Oakland, \$20,896.
 J. F. Tulloch, Oakland, \$21,271.
 J. R. Armstrong, Oakland, \$21,915.
 (22) 1st rep. Aug. 1, 1938. • 15

Bonds Voted
SCHOOL BLDG. Est. cost, \$100,000
MILL VALLEY, Marin Co., Calif.
 Tamalpais Park School.
 Two-story eight-classroom and auditorium elementary school building, concrete construction first floor, frame and stucco second floor, tile roof.
 Owner—Mill Valley School District.
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Structural Eng.—Carl W. Zollner, San Francisco.
 Bonds in the amount of \$55,000 were voted August 2d. PWA grant of \$45,000 allotted.
 Bids will be asked about Aug. 30th.

Plans Being Figured — Bids Close Aug. 13th.
SCHOOL, Cost, \$200,000
SPARKS, Nevada.
 Brick grammar school (15 classrooms, library and auditorium (oil burning steam heating system, steel sash, rubber tile flooring, etc.
 Owner—Sparks Grammar School District, (P. R. Hug, Sept. of Schs.).
 Architect—DeLongchamps & O'Brien, Gazette Bldg., Reno, Nevada.

Bids Wanted—To Close August 16, 8 P. M.
CAFETERIA Cost, \$5,000
CENTERVILLE, Alameda Co., Calif.
 Cafeteria at Washington Union High School.
 Owner—Washington Union High School District (H. F. Harrold, Clerk).
 Architect—Clark & Clark, 310 University Ave., Palo Alto.
 Plans and specifications may be obtained from the architects upon deposit of \$25.00.
 In our issue of August 3, it was reported bids would be opened Aug. 6, which was in error.

Preparing Working Drawings
SCHOOL Est. Cost, \$25,000
GONZALES, Monterey Co., Calif.
 Frame addition to high school to contain science classroom and girls' locker and shower room.
 Owner—Gonzales Union High School District.
 Architect—Chas. E. Butner, 7 Winham St., Salinas.
 Plans will be sent to the PWA for approval in about two weeks.

Preparing Working Drawings
SCHOOL Est. Cost, \$20,000
HOLLISTER, San Benito Co., Calif.
 Frame and stucco grammar school to contain three classrooms and toilet rooms.
 Owner—Hollister Elementary School District.
 Architect—Chas. E. Butner, 7 Winham St., Salinas.
 Grant has been approved by the PWA. Bids will be asked shortly.

BIDS OPENED
SAN FRANCISCO—Peter Sartorio, 369 Pine St., at \$2,280, submitted

low bid to Dept. of Public Works, for alterations to a classroom at the Girl's High School, Scott and Geary Sts. Complete bids follow:
 Peter Sartorio, \$2,280.
 A. M. Hardy, \$2,290.
 M. E. Vukleovich, \$2,291.
 Frank J. Reilly, \$2,291.
 T. W. McClenahan, \$2,570.
 Anderson & Ringrose, \$2,700.
 Bids held under advisement. • 15

BIDS OPENED
LABORATORY BLDG.
 Est. Cost, \$108,000
DAVIS, Yolo Co., Calif.
 Construction of an Enology Bldg., on the campus of the Branch of the College of Agriculture.
 Owner—Regents of the University of California, Berkeley.
 Plans by Engr. Dept. of Grounds & Building Dept.
 Low bidder: Campbell Construction Co., 800 R St., Sacramento.
 Complete general bids follow:
 Campbell Constr. Co., Sacto., \$41,464, 175 days.
 Central California Constr. Co., S.F., \$44,615, 160 days.
 Carl N. Swenson, San Jose, \$44,790, 190 days.
 Lawrence Constr. Co., Sacto., \$44,865, 155 days.
 Peter Sartorio, San Francisco, \$45,323, 175 days.
 H. J. Christensen & W. E. Lyons, Oakland, \$46,193, 150 days.

Lindgren & Swinerton, Sacramento, \$46,410, 150 days.
 Holderner Constr. Co., Sacto., \$47,167, 180 days.
 F. C. Stolte, Alameda, \$47,537, 200 days.
 D. W. Nicholson, Oakland, \$47,650, 185 days.
 H. W. Robertson, Sacto., \$48,567, 150 days.
 Emu Person, Berkeley, \$51,300, 150 days.
 P. K. Walker Co., S. F., \$51,887, 150 days.

Bids received for heating, plumbing, electrical work and refrigeration had not been tabulated and were not available. Bids will be published shortly.

Preparing Working Drawings
HIGH SCHOOL Cost, \$145,000
HALF MOON BAY, San Mateo Co., Calif.
 One-story frame and reinforced concrete high school.
 Owner—Half Moon Bay High School District.
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.
 Bids will be asked shortly.

Plans Awaiting Approval
ADDITION Cost, \$25,000
PIEDMONT, Ala. Co., Calif.
 Addition to school bldg. (add three classrooms and office), (frame and stucco construction, composition roofing, concrete footings, etc.)
 Owner—Piedmont School District.
 Architect—J. J. Donovan, 950 Parker St., Berkeley.
 Upon approval of plans by the State Division of Architecture, Sacto, work will be started by the WPA.

BOND ELECTION
CONTRA COSTA CO., Calif. — Pleasant Hill School District will vote on Aug. 5, on a proposal to issue bonds in the \$20,000, proceeds to finance construction of a new school bldg. in the Pleasant Hill Sch. District. • 15

16—BANKS, STORES AND OFFICES

BONDS VOTED
MILLBRAE, San Mateo Co., Calif.
 Millbrae School District, voted bonds in the amount of \$130,000, proceeds to finance construction of a new grammar school in Millbrae. Application has been filed with the PWA for a grant of approximately \$100,000.
 Plans are being prepared by Architects Masten & Hurd & Roeth, 442 Post St., San Francisco.

BIDS WANTED
LIVINGSTON, Merced Co., Calif.—
 Until August 12, 2 P. M., bids will be received by Rupert D. Jones, Clerk, Livingston Grammar School District, for the installation of a hot air furnace with blower, hot air ducts and burner in the Grammar School Bldg., Livingston.
 Bids may be obtained from above office. • 15

Preparing Working Drawings.
STORES, ETC.
BERKELEY, Ala. Co., Calif. Shattuck Ave. bet. Center and Addison Sts.
 One-story reinf. store bldg. and ticket office (.2 stores, S. P. ticket office) steel trusses, composition roofing, etc.
 Owner—Whitfield.
 Architect—Hertzka & Knowles, 369 Pine St., S. F.
 Bids will be asked in two or three weeks • 16

Contract Awarded
STORE BLDG.
STOCKTON, San Joaquin Co., Calif.
 Weber and American Sts.
 One-story and basement brick store bldg (100x100-ft.)
 Owner—Turner Hardware Company, c/o Architects.
 Architect—J. U. Cloudsley, Exchange Bldg., and Eric Johnson, 41 South Sutter St., Stockton.
 Contractor—O. H. Chain, 41 So. Sutter St., Stockton.

Contract Awarded
CAFE Cost, \$40,000
EL CERRITO, Contra Costa Co., Cal.
 One and one-half story frame and stucco cafe (3 dining rooms, cocktail lounge, gas heating system, composition roof, maple and concrete floors, etc.).
 Owner—P. Campiano.
 Architect—Keith Narbett, 462 31st St., Richmond.
 Contractor—Robert Bartlett, Berkeley, c/o Architect.

Contract Awarded
BANK Contr. Pr. \$19,928.00
JACKSON, Amador Co., Cal. Main Street.
 One-story and mezzanine modern bank bldg. (reinforced concrete construction, central heating and ventilating system, modern low type banking fixtures, etc.); 40-ft. frontage, 5,000 sq. ft.)
 Owner—Capital Company, 625 Market St., San Francisco.
 Plans prepared by Construction Department of Owner.
 Contractor—O. J. Scherer, Angels Camp.

Contract awarded on basis of acceptance of alternate 2, terrazzo in lieu of colored cement, alternate 3, omit plaster from front of bldg., and alternate 4, ceramic tile in lieu of unit tile terra cotta.
 Complete basic bids follow:
 O. J. Scherer, Angels Camp, \$19,700.
 Grant-Martinelli, \$19,854.

H. H. Larsen Co., S. F., \$19,873.
 Robert McCarthy, S. F., \$19,938.
 Moore & Roberts, S. F., \$19,992.
 Cahill Bros., S. F., \$21,850.
 Campbell Const. Co., Sacto, \$22,428.

Contract Awarded
STORE BLDG. Cost, \$24,000
 WOODLAND, Yolo Co., Calif.
 One-story concrete store bldg.
 Owner—Yolo Grocery Co.
 Architect—Dragon & Schmidt, 2068
 Allston St., Oakland.
 Contractor—J. Witzelberger, 26½
 Main St., Woodside.

Opening Date Extended
BANK Est. cost, \$35,000
 CARMEL, Monterey Co., Cal. Ocean
 Avenue and Dolores St.
 One-story and basement reinforced
 concrete, Class C, bank bldg.
 Owner—Bank of Carmel.
 Architect—C. J. Ryland, 136 Bonifacio
 Place, Monterey.

Plans are being figured by the following two contractors only:
 Wm. P. Sweeney, 863 Lighthouse
 Ave., Pacific Grove.
 A. C. Stone, Box 324, Carmel.
 Bid opening date has been extended to the latter part of this week.

Plans Completed
STORE BLDG. Est. Cost, \$7,000
 SAN FRANCISCO. First Street near
 Mission Street.
 One-story Class C concrete store
 bldg. (25x50-ft.)
 Owner—Withheld.
 Architect—Erle J. Osborne, 251 Kearny
 Street.
 Bids will be asked shortly.

CONTRACT AWARDED
BEVERLY HILLS, Los Angeles Co., Cal.—J. Walter Johnson, 5205 Hollywood Blvd., Los Angeles, awarded contract for construction of a one-story office building on the SW cor. of Wilshire Blvd. and Roxbury Dr., Beverly Hills, by Myron Selznik. Cost, \$60,000. Gordon B. Kaufmann, architect, 627 S. Carondelet St., Los Angeles. 16

CONTRACT AWARDED
 LOS ANGELES, Calif.—R. E. Mill-sap, 437 S. Hill St., Room 603, was awarded contract for modernization of the Alexander Annex Bldg., a 12-story Class A structure located on the west side of Spring St., south of Fifth St., for John E. Wheeler. Otis Elevator Co. 4 E 8th St., has the contract for elevators. Stiles O. Clements, architect, 1135 Van Nuys Bldg., Los Angeles. 16

Plans Being Figured — Bids Close
Aug. 9th, 10 A. M.
ALTERATIONS.
 SAN FRANCISCO. 929 Market St.
 Alterations to store bldg.
 Owner—National Dollar Store.
 Architect—Bernard Joseph, 74 New
 Montgomery St.
 Peter Sartorio, 369 Pine St., is figuring the plans and desires sub-bids on all portions of the work.

Sub-Contracts Awarded
ADDITION Cont. Pr., \$29,856
 BAKERSFIELD, Kern Co., Cal. Bakersfield Californian.
 Two-story and basement reinforced concrete addition to newspaper plant (brick veneer exterior).
 Owner—Bakersfield Californian.
 Architect—Chas. H. Biggar, 554 Haberfelds Bldg., Bakersfield.
 Contractor—Henry Eissler, 2229 18th St., Bakersfield.

Tile Work — O. W. McNay, 1669½
 Chester St., Bakersfield.
Lumber and Hardware—Bakersfield
 Sandstone Brick Co., 501 Sonora

St., Bakersfield.
 Steel—Kyle & Co., 346 G St., Fresno.

Acoustical Contract Awarded
ALTERATIONS Cost, \$4,500
 SAN FRANCISCO. Tenth and Market Streets.
 Alterations to broadcasting station.
 Owner — Golden Gate Broadcasting Company.
 Architect—Not Given.
Acoustical Work—Western Asbestos
 Co., 675 Townsend St. 16

18—WHARVES & DOCKS

BIDS WANTED
 LOS ANGELES, Calif.—Until Aug. 10, 10 A. M., bids will be received by the Los Angeles Harbor Dept. at 189 City Hall, Los Angeles, for concrete wharf and steel frame transit shed extension and railroad track facilities at Berth 180, Wilmington dist.; Spec. 978, a PWA project.
 Bids will be taken as follows:

SECTION A

All Work:
 (1) concrete wharf (except concrete piling) and transit shed facility, including riprap, rubble wall, sprinkler system, electric system, railroad trackage, paving, clearing site and altering existing concrete shed.

SECTION B

Wharf and Transit Shed.
 (2) same as above exclusive of clearing of site, riprap, rubble bulkhead, railroad trackage and paving.

SECTION C

Alter Existing Shed Facilities and Track and Paving Work:
 (3) Alter existing shed facilities, including railroad trackage, paving, concrete platform wall, clear site, alter sprinkler system and electric system.

NOTE: Sections A, B and C are alternative.

EXTRAS

(4) Structural steel;
 (5) Reinforcing concrete;
 (6) Reinforcing Steel;
 (7) Asphaltic concrete paving.

SECTION D

Manufacturing, Transporting & Driving Concrete Bearing Piles:
 (8) 3936 ft. making and impregnating with asphalt by vacuum pressure process, reinf. conc. jacketed piles, 19-21-in. square;
 (9) 3936 ft. making reinf. conc. bearing piles encased in asphalt impregnated conc. protecting slabs, 19-22-in. square.

NOTE: Items 8 and 9 are alternative.
 (10) 3936 lf. transporting and driving either Item 8 or 9.

EXTRA

(11) Extra for driving and building up lengths of concrete piles in excess of 6-in.

SECTION E

Manufacturing Conc. Bearing Piles:
 (12) 3936 lf. making and impregnating with asphalt by vacuum pressure process reinf. conc. bearing piles, 19-21-in. square;
 (13) 3936 lf. making reinf. concrete bearing piles encased in asphalt impregnated concrete protecting slabs, 19-22-in. square.

NOTE: Items 12 and 13 are alternate.
Transporting and Driving Concrete Bearing Piles:
 (14) 3936 lf. transporting and driving either type of pile at Berth 181.

EXTRA

(15) Extra for driving piles in excess of 6-in. 18

19—MISC. CONSTRUCTION

BONDS PAID
 SACRAMENTO, Cal.—City of Sacramento defeated bond issue Aug. 2. The proceeds were to have financed construction of addition to Maln Library bldg., improvement to corporation yard, Municipal theatre, Public assembly and convention hall and improvements to E. B. Crocker Art Gallery. 19

Planned
RECREATION HALL Cost, \$34,000
 FRESNO, Fresno Co., Calif. Frank H. Ball Playground.

Recreation hall (136x75-ft.) auditorium and pavilion (75x99-ft.) basketball court, etc.

Owner—City of Fresno.
 Plans by Engr. Dept. of City (Jean L. Vincenz, Public Works Commissioner). (314) 19

BIDS WANTED
 SAN BERNARDINO and Riverside Cos., Cal.—Until Sept. 1, 10 A. M., bids will be received by the Metropolitan Water District, 806 W. 3rd St., Los Angeles, for constructing approximately 29,400 sq. ft. terrazzo floors, 2500 lf. curb base, and 315 lf. curb, and furnishing and installing of thresholds at Intake, Gene, Iron Mt., Eagle Mountain, and Hayfield Pumping Plants, in San Bernardino and Riverside Counties; Spec. 284. Copies of the specifications may be obtained at the office of the district, 1007, 306 W 3rd St., upon payment of \$2, not returnable. Certified or cashier's check for \$2000 must accompany each proposal. F. E. Weymouth, General Manager and Chief Engineer. 19

BIDS OPENED
 BRAWLEY, Imperial Co., Calif.—Two bids were submitted to the Imperial Irrigation District, El Centro, July 28, for installing station switchboards and furnishing and erecting switching structures in the Diesel power plant at Brawley, Spec. No. 11. The bids, which were referred to the engineering dept. (M. J. Dowds, general manager, and chief engineer), were:

Fritz Ziebarth, Long Beach: Sch. 1, \$9219; Sch. 2, \$25,569; Sch. 3, \$21,021; Sch. 4, \$21,062; Sch. 5, \$7828.
 H. O. Baurle, Los Angeles: Sch. 4, \$18,715; Sch. 5, \$9150. (No bids on other schedules). 19

BOND RESCIN
 SANTA ROSA, Sonoma Co., Calif.—The City of Santa Rosa will vote on August 23 on a proposal to issue bonds in the amount of \$180,000, proceeds of which will be used to finance construction of (1) complete fire protection system and (2) an alternative truck route through the City. 19

CONTRACT AWARDED
 OAKLAND, Cal.—Independent Iron Works, 321 Pine St., Oakland, at \$1,400 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1037, for the removal of Mount Clair tank (216,100-gallon capacity) now located on Drake Drive near Snake Road, Oakland, to a new site on Skyline Boulevard

Contract previously awarded to the Pioneer Welding Co., Oakland, at \$1,020, has been rescinded. 19

Bids Wanted — To Close August 22, 4 P. M.
ADDITIONS Cost, \$75,000
STOCKTON, San Joaquin Co., Calif.
 Deep Draft Terminal.
 Additions to units C, D. & E. Stockton Terminal (reinf. concrete foundation, concrete floors, brick firewalls, corrugated iron and frame sidewalls, wood roof decking, composition roofing, wooden interior supports, auto, sprinkler system, underground water mains.
 Owner—Stockton Port District (B. C. Allin, Secretary.
 Plans by Eng. Dept. of Owner.
 Plans and specifications may be obtained from above office upon deposit of \$20.00.

\$460, (2) \$34; (3) \$63, (4) \$510, (5) \$44, 2% 30 days.
 Independent Iron Works, (1) \$534, (2) \$97, (3) \$89, (4) \$726, (5) \$76, 1/2% 10 days.
 Acme Boiler & Machine Works, (1) \$609, (2) \$60.40, (3) \$95.55, (4) \$779.90, (5) \$64.
 Schrader Iron Works, (1) \$457.75, (2) \$64, (3) \$77, (4) \$495.30, (5) \$51.80, net.
 Berkeley Steel Constr. Co., (1) \$535, (2) \$38, (3) \$56, (4) \$660, (5) \$67, 1/2% 10 days.
 Partial bids were submitted by the following: Marshall-Newell Supply Co., Crane Co., Kortick Mfg. Co. and Harron Rickard & McCone Co.

under Bid No. 868-39-48, for Redwood lumber; f.o.b. Pier No. 3, Army Transport Docks, Fort Mason.
 Bids were:
 Smith Lumber Co., \$490.23, 2% 10th prox.
 Van Arsdale-Harris Lumber Co., Inc., \$499.02, 2% 10 days.
 Loop Lumber Co., \$497.50, 2% 30 days.
 John McCabe, \$497.12, 2% 10 days.
 Allen & Dettmann Lumber Co., \$493.80, 2% 10 days.
 South City Lumber and Supply Co., \$520.35, 2% 30 days.
 Holmes Eureka Lumber Co., \$502.50, 2% 10 days.
 Pacific Lumber Co., \$517.32, 2% 10 days.
 Rolando Lumber Co., \$545, 2% 30 days * 20

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED
SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-39-11, for furnishing and delivering materials for the construction of three prefabricated all-metal bldgs. of the knock-down type to be located at the yards of the U. S. Engineer Depot at Sacramento Weir near Lovdal, which is long the western bank of the Sacramento River about four miles northwesterly of Sacramento; f.o.b. bidder's shipping point and/or Sacramento.

- (1) Furnishing all materials for the construction complete of the 30-ft. by 130-ft. warehouse;
- (2) Furnishing all materials for the construction complete of the 30-ft. by 60-ft. building for wash and grease rack and oil storage.
- (3) Furnishing all materials for the construction complete of the 26-ft. by 150-ft. garage bldg.

Bids were:
 Michel & Pfeffer Iron Works Inc., S. F., (1) \$2,466, (2) \$1,323, (3) \$2,115, disc. 1/4 of 1% 10 days, 21-20 days delivery.
 H. T. Gettins Co., S. F., (1) \$2,535, (2) \$1,440, (3) \$2,340, no disc., 45-35 days delivery.

California Corrugated Culvert Co., Berkeley, (1) \$4,314, (2) \$1,749, (3) \$3,788; no disc., 45-35 days deliv.

International Derrick & Equipment Co., of Calif., Torrance, (1) \$4,587.22, (2) \$2,182.00; (3) \$4,185.21; 1/2 of 1% 10 days; 50-60 days delivery.

Independent Iron Works, Oakland, (1) \$3,962, (2) \$1,996, (3) \$1,293, 1% 10 days; 55 days delivery.

Columbia Steel Tank Co., Kansas City, (1) \$3,600, (2) \$1,972, (3) \$3,142, 2% 10 days, 1% 20 days, 60-50 days delivery. * 20

BIDS OPENED
SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-21, for chase cover plates, floor plates, etc.

- Bids taken on:
- (1) 3/16-inch chase cover plates;
- (2) Pipe sleeve covers;
- (3) Exhaust silencer brackets;
- (4) Floor plates and grating;
- (5) Radiator motors base for radiator room.

Bids were:
 Star Ornamental Iron Works, (1) \$495, (2) \$63, (3) \$130, (5) \$85, 1% 10 days.
 Moore Drv Dock Co., (1) \$495, (2) \$95, (3) \$150, (4) \$490, (5) \$118, net.
 Herrick Iron Works, (1) \$482, (2) \$45, (3) \$74, (5) \$84, 1/2 of 1% 10 days.
 California Steel Products Co., (1)

CONTRACT AWARDED
GRAND COULEE DAM, Wash.—Bethlehem Steel Co., 20th and Illinois Sts., S. F., at \$212,113.50 (Sch. 1) awarded contract by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Denver, under Bid No. A-38,090-A, for furnishing deformed intermediate grade billet steel reinforced bars; f.o.b. Odair, Wash. * 20

CONTRACT AWARDED
LOS ANGELES, Calif.—Consolidated Rock Prod., Arrow Rock Co., City Rock Co., and Pacific Rock and Gravel Co., (hidding jointly) at \$25,200 (disc. 20c ton 25th prox.), were awarded contract by U. S. Engineer, L. A., for 9300 tons coarse agg., and 5700 tons sand deliv. into batch trucks at contractor's plant. Invt. 38. * 20

CONTRACT AWARDED
LOS ANGELES, Calif.—Monolith Portland Cement Co., at \$82,500, was awarded contract by U. S. Engineer, L. A., for 50,000 bbls. Portland cement f.o.b. Monolith. Invt 36. * 20

BID OPENED
SAN FRANCISCO.—American Bitumuls Co., 200 Bush St., S. F., at \$474.75, net, submitted only bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-56, for furnishing 2500 gals. asphalt stabilizer and 250 gals. asphalt ashestos trowel coat. * 20

BIDS WANTED
COCONINO COUNTY, Ariz.—Until Aug. 16, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for furnishing 170 tons SC-2 liquid asphalt road materials for use on Section on Section D, Route 28, Fredonia-Houserock Valley, National Forest Highway, Coconino County, Ariz.
 Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, Phoenix, Ariz. * 20

August 4, 1938

CONTRACT AWARDED
GOVERNMENT ISLAND, Calif.—Judson-Pacific Co., 609 Mission St., San Francisco, at \$2,785, net, fob San Francisco, awarded contract by Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5957 for 199 ft. of 6-inch through truss, including all structural steel bolts for field connections, bolts for superstructure and all miscellaneous steel portions necessary for erection of the truss, for Dinkey Creek bridge. * 20

BIDS OPENED
SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, S. F.,

BIDS WANTED
COCONINO COUNTY, Ariz.—Until Aug. 16, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for furnishing 50 tons MC-2 liquid asphalt road material for use on Sections C and F portion of the Jacobs-Lake North Rim Approach to Grand Canyon National Park, Kaibab National Forest, Coconino County, Ariz.
 Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, Phoenix, Ariz. * 20

SACRAMENTO, Calif.—Until Aug. 10, 3:00 P.M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacto., under Bid No. 1105-39-25, for furnishing and delivering metal culverts, pipe, gates and appurtenances; f.o.b. Meridian, Calif.
 Bids will be taken on:

- (1) 300 ft. of 24-inch No. 10 gauge corrugated iron pipe with No. 12 gauge connections.
- (2) 196 ft. 16-inch and 18-inch No. 7 gauge soil proofed steel pipe with connections.
- (3) Three 24-inch diameter steel gates with 4-ft. frames attached to pipe in Item 1.
- (4) Three gate lifts complete with appurtenances.

Plans and specifications obtainable at above office. * 20

BIDS OPENED
SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-39-36, for Douglas Fir lumber for Midway Island; f.o.b. Army Transport Dock, Fort Mason.
 Bids were:
 Smith Lumber Co., \$3,823.66, 2% 10 days.
 Allen & Dettman, \$4,624.38, 2% 10 days.
 Loop Lumber Co., \$3,997.50, 2% 30 days.
 Rolando Lumber Co., \$4,036.27, 2% 30 days.
 Forest Lumber Co., \$2,197.02, 2% 10 days. * 20

CONTRACT AWARDED
GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., S. F., at \$2,235, 1/2 of 1% 10 days, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5952, for 98-ft. steel truss, including all structural steel, bolts for field connections, bolts for superstructure and all misc. steel portions necessary for erection of the truss on East Fork Coffee Creek Bridge. * 20

BIDS WANTED

ALAMEDA, Calif.—Until August 11, 8:15 P. M., bids will be received by the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Ave., Alameda, for furnishing supplies and materials, as follows:

Spec. No. 7-3820—Incandescent lamps for fiscal year ending June 30, 1939.

Spec. No. 7-3821—Western Red Cedar poles for fiscal year ending June 30, 1939.

Spec. No. 7-3822—Street light globes for fiscal year ending July 30, 1939.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for fencing materials, Invt. 48, were opened by U. S. Engineer, Los Angeles. The items are:

LOT 1

- (1) 3000 galv. fence posts, 5-ft. long;
- (2) 60 same, 8-ft. long;
- (3) 3000 malleable iron. galv. caps for 1 1/2-in. pipe;
- (4) 60 brace clamps for 1 1/2-in. pipe.

LOT 2

- (1) 30,000 lb. chain link fencing, 34-in. wide, 2-in. diamond mesh.

LOT 3

- (1) 6000 lbs. barbed wire, fob destination.

LOT 3-A

- (1) same as lot 3, fob plant.

The bids were:

Monarch Pipe & Supply Co., 2% 29 days; (1) \$1683.

Ducommun Metals & Supply Co., 2% 30 days; (3) \$229.05.

Wickwire-Spencer Steel Co., 2% 20 days; (1) \$2755.60; (2) \$2496, fob Buffalo, N. Y.

Drake Supply Co., 2% 30 days on posts; 1/2 of 1% on caps and clamps, (1) \$2214.04.

Pittsburgh Steel Co., net, (2) \$2,750, fob Monessen, Pa.

Smi h Booth Usher Co., 2% 30 da.; (1) \$1700.10.

California Hdwe. Co., net; (2) \$2,550, fob Minneapolis, Colo.

Economy Steel Const. Co., 2% 20 days; (1) \$1359.12.

Ice Miller Co., net, (2) \$2910 fob Batavia, Ill.

Standard Fence Co., net, (1) \$2,041.50; (2) \$2850 deliv. fob Waukegan, Ill.; \$2225; (3) \$579; (3a) \$361.80;

(1) item (1) regular bid, \$1500, alt. b'd \$1500; item (2) regular bid, \$55,800, alt. bid, \$4500.

Pacific Fence Const. Co., 1% 20 days; (2) \$3300 deliv.

Carter Hdwe. Co., net, (2) \$3150, fob Batavia, Ill.

Penn Iron & Steel Co., 2% 30 da.; (1) \$1507.80.

Anchor Post Fence Co., 2% 10 da.; (1) \$2161.50; (2) \$2985; (3) \$411.

Santa Fe Pipe & Supply Co., 2% 30 days; (1) \$1809.00.

Pars Steel & Wire Div. of American Chain & Cable Corp., net, (1) \$1805.22; (2) \$3513 deliv. * 20

CONTRACT AWARDED

OAKLAND, Cal.—Steam & Plumbing Service Corp., 1385 Harrison St., San Francisco, at \$0.1219 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Prop. No. 1054, for 50,000 lb. (or more) of 3/4-inch copper water service tubing. * 20

BIDS OPENED

OAKLAND, Cal.—Ginnell Co. of The Pacific, 230 Peralta, Oakland, at \$2,785.73 submitted low bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 219, for 771

cast iron bell and spigot water pipe fittings of 6- to 12-in. diameter.

Total bids follow:

Ginnell Co. of the Pacific, 2230 Peralta, Oakland \$2,785.73
W. A. Kirkland 2834.03
Santa Fe Foundry 2,866.85
Phoenix Iron Works 3026.11
American C. I. Pipe Co. 3038.89
20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2963, for furnishing cold manganese track special work for Municipal Railway.

Bids taken on:

(1) Standard castings includ. switches, mates, frogs and crossing pieces;

(2) Castings for special locations including track, frogs, crossings.

(3) Comb. Items 1 and 2.

The bids were:

The Buda Co., (1) \$17,542.53; (2) \$17,975.21; (3) \$36,497.74; 1/2 of 1% 10 days

Columbia Steel Co., (1) \$21,204.53; (2) \$17,989.66; (3) \$38,186.19.

Bethlehem Steel Co., (1) \$18,052.54; (2) \$15,097.56; (3) \$33,304.83. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. O. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-39-47, for two welded steel tanks.

Bids were:

Boiler Tank & Pipe Co., \$476, net.

Montague Pipe & Steel Co., \$592, net.

Western Pipe and Steel Co., \$564, net.

Central Iron Works, \$490, 2% 10 days.

California Steel Products Co., \$490, 2% 30 days. Alt. \$478.

Southwest Welding & Mfg. Co., \$590, net.

Berkeley Steel Constr. Co., \$640, 1/2% 10 days. Alt. \$540. * 20

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 16, 2 P. M., bids will be received by I. A. County Supervisors for excav. of caisson foundations for the Naval Reserve and Marine Corps Armory at Chavez Ravine, involving removal of 1500 cu. earth. Spec. may be obtained from the County Mechanical Dept., 10th Floor, Hall of Records. * 20

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until Aug. 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1107-D, for furnishing and delivering pipe, fittings, valves, and pipe hangers for the Seminoe power plant, Kendrick Project, Wyo.; f.o.b. shipping point and/or Parco, Wyo. Materials will be installed by the Government.

Plans and specifications may be obtained from the above office. No charge to prospective bidders; to others, \$2.50, non returnable. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 295,000 lbs. steel plates f.o.b. contractor's plant in 5 days and/or deliv. to West Glendale within 15 days, Invt 44, were opened by U. S. Engineer, L. A. The items were:

(1) 1173 cwt. struc. steel plates, copper bearing, 1x15-in. x 20-ft. (115 pcs.);

(2) 1787 cwt. same, 1 1/2x12-in. x 11 1/2-ft. (3650 pcs.);

The bids were:

A. M. Castle Co., (class A), \$10,596.80, f.o.b. L. A.; disc. 1/2 of 1% 30 days.

California Hdwe. Co., \$7057.70, f.o.b. Harrisburg, Pa.; alt. bid, deliv. in 42 days to job, \$9026.10; disc. 1/2 of 1% 30 days.

Bethlehem Steel Co., (1) \$2,7425 cwt; (2) \$3,2425 cwt; deliv. to job; if shipped on govt. bill of lading from Seattle allow \$48 cwt; disc. 1/2 of 1% 10 days on basing point value of (1) \$2.70 and (2) \$3.20.

Jones & Laughlin Steel Corp., Pittsburgh, \$9,011.29, deliv. to job site in 65 days; if shipped from Pittsburgh on govt. bill of lading allow \$7725 cwt.; disc. 1/2 of 1% 30 days on basing point value which is \$0.425 less than unit prices bid.

Union Hardware & Metal Co., \$6610.95, f.o.b. Harrisburg, Pa.; disc. 1/2 of 1% 30 days.

Inland Steel Co., Chicago, \$10,365.50, deliv. to job; if shipped from Indiana Harbor, Ind. on govt. bill of lading allow \$1.10 cwt.; disc. 1/2 of 1% 10 days on \$1.10 cwt. less than quoted prices.

Republic Steel Corp., \$9271.78; Telegraphic Modification deduct \$10 cwt. making unit prices, (1) \$2,7305, (2) \$3,3205 deliv. to job; if shipped on govt. bill of lading from Alabama City, Ala., allow \$.705 cwt.; disc. 1/2 of 1% 20 days on \$0.0305 less than quoted prices.

Columbia Steel Co., \$10,661.50, f.o.b. jobsite; disc. 1/2 of 1% 10 days on: (1) \$2.20, (2) \$2.70 basing point value. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 40,000 sq. ft. 1/2 in. and 14,000 sq. ft. 1 in. premodulized asphaltic expansion joint material, Invt 33, opened by U. S. Engineer, L. A., were:

Ceco Steel Prod., 2% 30 days, \$2278 f.o.b. Lockland, Ohio.

Johns-Manville Sales Corp., 2% 10th prox., \$2870 deliv.; if shipped on govt. B/L from Manville, N. J., allow \$4.00 cwt.

Warren & Bailey Co., 2% 30 days, \$2156, f.o.b. Lockland, Ohio.

Servitized Prod. Corp., 2% 20 days, \$2282, f.o.b. Chicago, Ill.

Western Asbestos Co., San Francisco, 2% 30 days, \$4990, f.o.b. Manville, N. J.

CONTRACT AWARDED

LOS ANGELES, Calif.—Blue Diamond Corp., Pacific Rock and Gravel Co., Azusa Rock Co., and Arrow Rock Co., (bidding jointly) were awarded contract by L. A. City Purchasing Agent, at \$150,000 (est. total), for crushed rock for Bureau of Engineering from date of award to June 30, 1939. Spec. 3786. * 20

BIDS OPENED

OAKLAND, Calif.—Neptune Meter Co., 320 Market St., San Francisco, at \$11,401.53, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 220 for 2,000 water meters in size 5/8-in. Total bids follow:

Neptune Meter Co., 320 Market St., San Francisco, \$14,400; allowance \$2-988.47; net \$11,401.53.

Worthington Gamon Meter Co., San Francisco, \$14,000; allowance \$2-000; net \$12,000.

A. J. Smith Mfg. Co., New Jersey, \$14,500; allowance \$860; net \$13,640.

Hersey Mfg. Co., \$15,200; allowance \$1000; net, \$15,200.

American Brass & Copper Co., \$17,000; allowance, \$237; net \$16,763. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS AWARDED

LOS ANGELES, Calif.—Until Aug. 17, 10 A. M., bids will be received by L. A. Board of Public Works for construction of a grade separation structure in College St., over Figueroa St., and appurtenant work (Figueroa St.-College St. Grade Separation, PWA project 1644-1-F, Unit 1). The work involves:

- (1) 1024 cu. yds. class F concr.;
- (2) 100 cu. yds. class G concr.;
- (3) 195,000 lbs. reinf. steel;
- (4) 280 lin. ft. reinf. concr. piles;
- (5) 350 lin. ft. orn. concr. railings;
- (6) 530 lin. ft. elec. conduit system;
- (7) Lump sum—lighting system;
- (8) Lump sum—bronze tablets;
- (9) 616 cu. yds. struc. excav.;
- (10) Lump sum—grading;
- (11) 332 lin. ft. heavy unplastered curb.

(12) 1120 sq. ft. one course walk, 3-in. thick;

(13) 182 sq. ft. gutter, 6-in. thick;

(14) 4800 sq. ft. rock and oil roadway, 3-in. thick.

Note: Under item (4) bids will be received on:

(A) Reinf. concr. piles, (a) precast piles; (b) cast-in-place concr. piles; (B) price per lf. or reinf. concr. piles to be used as a basis for deductions in cases where lengths of piles as driven are less than plan lengths; (a) precast piles, per ft.; (b) cast-in-place piles, per ft.; (C) price per lin. ft. of reinf. concr. piles to be used as a basis for additions in cases where lengths of piles as driven are greater than plan lengths; (a) precast piles; (b) cast-in-place piles. * 21

CONTRACT AWARDED

HUMBOLDT CO., Cal.—Fred Anderson, Rio Del, at \$5,675.00 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for repairing steel bridge and approaches over the South fork of Eel River near Garberville, in Road Dist. No. 2.

Frank Bryant, San Francisco, at \$5,985.00 submitted only other bid. 21

CONTRACT AWARDED

HUMBOLDT CO., Cal.—Henry Padgett, Fields Landing, at \$1,852.42 submitted only bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for repairing cable suspension bridge over Mad River near Mountain View, in Road District No. 3, Humboldt Co. * 21

BIDS AWARDED

CONTRA COSTA COUNTY, Cal.—Until August 24, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a reinforced concrete slab overhead crossing over the tracks of the Atchafalaya, Topeka and Santa Fe Railway Co. at Pinole, consisting of eleven 34-ft. 0-in. spans and two 25-ft. 6-in. spans on reinforced concrete bents and abutments and approximately 1/4 mile of approaches, Contra Costa Co. Work involves:

- (1) 2 c.y. existing concr. removed;
 - (2) 1 lot clear and grub;
 - (3) 170 M. gals. water;
 - (4) 29,000 c.y. rwd. excav., unclass.
 - (5) 1,750 c.y. struc. excav.;
 - (6) 4,000 c.y. tunnel backfill;
 - (7) 125,000 sta. yds. overhaul;
 - (8) 27 sta. finish rdwy.;
 - (9) 3,375 tons crusher run base;
 - (10) 1,775 tons min. agg. plant mix surf.;
 - (11) 100 tons liq. asph. MC-4 or MC-5, plant mix surf.;
 - (12) 17 tons liq. asph. SC-2 prime coat and penetration treatment
 - (13) 7 tons liq. asph. 90-95 seal coat;
 - (14) 88 tons screenings seal coat;
 - (15) 6 tons liq. asph. SC-1A penetration treatment;
 - (16) 440,400 lbs. bar reinf. steel;
 - (17) 1,858 c.y. Class A Portland cement concr. struc.;
 - (18) 43 c.y. Class A Portland cement concrete railing;
 - (19) 9,500 lbs. misc. iron and steel;
 - (20) 100 lf. 8-in. CMP;
 - (21) 10 lf. 18-in. CMP;
 - (22) 64 lf. 18-in. CMP siphon;
 - (23) 700 lf. 8-in. Perf. metal pipe underdrains;
 - (24) 125 c.y. rock filling material perf. metal pipe underdrains;
 - (25) 70 lf. remove, clean and relay pipe culverts;
 - (26) 1 each spillway assemblies;
 - (27) 65 c.y. Class A Portland cement concrete curbs;
 - (28) 15 each guide posts;
 - (29) 10 each monuments;
 - (30) 1 lot electrical equipment;
 - (31) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. 21

BIDS AWARDED

HUMBOLDT CO., Calif.— Until August 9, 2:30 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a concrete culvert at Kendall Gulch near Upper Mattole in Road District No. 1, Humboldt Co., Calif.

Plans and specifications may be obtained from Frank E. Kelly, Co. Surveyor, Second and K Sts., Eureka. * 21

BIDS AWARDED

HUMBOLDT CO., Calif.—Until Aug. 9, 2:00 A. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of two wooden bridges on Price Creek in Road District No. 1, Humboldt Co., Calif.

Plans and specifications may be obtained from Frank E. Kelly, County Surveyor, Second and Kt Sts., Eureka. * 21

BIDS AWARDED

TULARE COUNTY, Calif.—Until August 17, 2 P. M., bids will be received by Tulare County Board of Supervisors, Gladys Stewart, County Clerk, Court House, Visalia, for the construction of a structural steel truss bridge, consisting of 3 spans with reinforced concrete piers and abutments, located near Three Rivers, Tulare County.

- Work involves:
- (1) 754 c.y. structure excavation;
 - (2) 6,600 c.y. imported borrow;
 - (3) 50,319 lbs. bar reinf. steel;
 - (4) 530 c.y. Class A Portland cement concrete;
 - (5) 1 lot structural steel;
 - (6) 1 lot painting.

Plans and specifications may be obtained from the County Surveyor, Court House, Visalia. * 21

BIDS AWARDED

CONTRA COSTA CO., Calif.—Until Aug. 15, 2:00 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., S. F., for repairing a reinf. concr. arch culvert across the west branch of San Pablo Creek about 5 miles west of Lafayette, (TY-C-C-75-A), Contra Costa County, Calif.

- Work involves:
- (1) 2,300 lbs. bar reinf. steel;
 - (2) 33 c.y. Class "A" Portland cement concrete;
 - (3) 146 lf. multi plate arch;
 - (4) 12 c.y. grout in place;
 - (5) 244 anchors in place.

Plans and specifications may be obtained from the above office. * 21

BIDS AWARDED

HUMBOLDT CO., Calif.— Until August 9, 11:00 A. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for constructing a pile trestle bridge with concrete floor near Elinor in Road District No. 2, Humboldt County, Cal.

Plans and specifications may be obtained from Frank E. Kelly, Co. Surveyor, Second and K Sts., Eureka. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACTS AWARDED

SAN DIEGO, Cal.—B. O. Larsen, 1340 "E" St., San Diego, at \$176,700 (Item 1), and Newport Dredging Co. Wilmington, at \$12495 (Item 2) submitted low bids and awarded contracts by 11th Naval Dist. San Diego for extension of quay wall and dredging at Naval Operating Base (Destroyer Base), San Diego; Spec. 7-51.

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : Calif-ia

Recommendation was made that the contract be awarded to Mr. Larsen at \$176,700. The work includes the extension of an existing quay wall and dredging. The quay wall extension will be 1260 ft. long and includes reinforced concrete sheet piles, reinforced concrete cast-in-place piles, reinforced concrete untreated timber bearing piles and timber platform, cross-tied timber fender system, cast iron bollard, cast iron cleats and miscellaneous steel and iron work. Dredging will consist of the excavation and disposal of 575,000 c.y. The bids follow: (1) B. O. Larsen, San Diego, (1) \$176,700 and dredging, \$176,700; (2) dredging, no bid.

V. R. Dennis Const. Co., San Diego (1) \$178,494; (2) no bid.
Chas. and F. W. Steffgen, (1) \$179,490 (2) no bid.

Wm. P. Neil Co., (1) \$183,500; (2) no bid.

M. H. Golden, San Diego, (1) \$184,100; (2) no bid.
Ben C. Gerwick, San Francisco, (1) \$206,117; (2) no bid.

Case Const. Co., San Pedro, (1) \$214,720; (2) \$244.

Shannahan Bros., Huntington Pk., (1) \$227,336; (2) no bid.

Daley Corp., San Diego, (1) \$259,030; (2) no bid.

Newport Dredging Co., (1) no bid; (2) \$124,95.

San Francisco Bridge Co., S. F., (1) no bid; (2) \$15.

Standard Dredging Co., San Diego, (1) no bid; (2) \$174. 22

BIDS WANTED

CLATSOP COUNTY, Oregon—Until August 9, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-43, for the construction of approx. 312 lf. of new levee, construction of one 5-channel concrete tide box with automatic drainage gates, and the excavation of approximately 440 lf. of drainage canal, all situated in Drainage District No. 1 and Blind Slough Diking District in the northeastern part of Clatsop Co., Oregon.

Work involves:

- (1) 1,360 c.y. levee embankment, in place;
- (2) 3,257 cu. y. excav. for drainage canal;
- (3) 593 cu. y. do for tide box;
- (4) 840 cu. y. struc. excav. for tide box;
- (5) 640 cu. y. backfill for tide box, in place;
- (6) 32 MFEM lumber in place;
- (7) 8.64 MFEM tongue and groove sheet piling, in place;
- (8) 2,300 lf. round piling, in place;
- (9) 186 cu. y. reinf. conc., in place;
- (10) 5 square automatic drainage gates, in place;
- (11) 60 cu. y. hand placed, grouted, riprap, in place;
- (12) 850 lf. driving of steel sheet piling;
- (13) 40 cu. y. hand placed riprap, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. 22

BIDS WANTED

PEARL HARBOR, T. H.—Until August 17, 11:00 A. M., bids will be received by the U. S. Bureau of Yards and Docks, Navy Department, Wash., D. C., under Spec. No. 8702, for dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Estimated cost \$1,400,000.

Plans and specifications may be obtained from the above office or from the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, S. F., upon the deposit of \$10. 22

BID OPENING POSTPONED

PEARL HARBOR, T. H.—The U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., indefinitely postponed the call for bids under Spec. No. 8702 for dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Estimated cost \$1,400,000. Bids were called for August 3. 22

BIDS OPENED

PORTLAND, San Joaquin Co., Cal.—Following submitted bids to L. B. Raab Civil Engineer, 109 E. Weber St., Stockton, for sloping about 9,670 lf. of river levee involving about 100,000 c.y. for Union Island Reclamation District No. 1; and sloping about 5,480 lf. of river levee involving about 25,000 c.y. for Union Island Reclamation District No. 2.

Bids taken on:

- If awarded work on one district: (1) 100,000 c.y., District 1; (2) 25,000 c.y., District 2.
- If awarded work on both districts: (1) 100,000 c.y., District 1; (2) 25,000 c.y., District 2.

Complete bids follow:

- A. T. Maestretti, Stockton, (1) \$11-5c, (2) 11-5c, (3) 11-5c, (4) 11-5c.
- Chas. Hover, Burlingame, (1) 7c, (2) 10-0c, (3) \$7-7c, (4) 7-7c.
- D. C. Stowe, Stockton, (1) 10-0c, (2) 11-5c, (3) 10-0c, (4) 11-5c.
- F. J. Whittall, Stockton, (1) 5-0c, (2) 5-0c, (3) 5-0c, (4) 5-0c.
- T. Jensen, Stockton, (1) 7-0c, (2) 7-5c, (3) 7-0c, (4) 7-5c.

- Williams Bros. & Haas Inc., S.F., (1) 5-9c, (2) 5-9c, (3) 5-49c, (4) 5-49c.
- Acheret & Hill, Roseville, (1) 8-5c, (2) 8-5c, (3) 8-5c, (4) 8-5c.
- W. M. Young, Tracy, (1) 6-5c, (2) 7-0c, (3) 6-5c, (4) 7-0c.

- Louis Biasotti & Sons, Stockton, (1) 7-0c, (2) 8-5c, (3) 7-0c, (4) 7-0c.
- Delta Constr. Co., Stockton, (1) 6-25c, (2) 7-0c, (3) 6-0c, (4) 6-0c.
- M. J. B. Constr. Co., Stockton, (1) 9-0c, (2) 11-0c, (3) 9-0c, (4) 9-0c.

- C. D. DeVelsbos, Oakland, (1) \$5-98c, (2) 8-0c, (3) 5-89c, (4) 5-89c.
- Delta Dredging Co., Pittsburg, (1) 5-9c, (2) 8-7c, (3) 5-9c, (4) 6-9c.

- R. E. McCarthy, Stockton, (1) 8-5c, (2) 8-5c, (3) 8-5c, (4) 8-5c.
- Minnis & Moody, Los Angeles, (1) 8-0c, (2) 8-0c, (3) 8-0c, (4) 8-0c.

- Lee A. Phillips Inc., Brentwood, (1) 7-0c, (2) 7-0c, (3) 6-2c, (4) 6-2c.
- Claude A. Wood, Stockton, (1) 7-5c, (2) 8-5c, (3) 7-5c, (4) 7-5c. 22

BIDS WANTED

PORTLAND, Multnomah Co., Ore.—Until August 11, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-48, for dredging approximately 10,700 c.y. for the channel in Willamette River at Jennings and Midrum bars, located 23.5 and 24.9 miles above the mouth.

Plans and specifications may be obtained from the above office. 22

BIDS OPENED

PORTLAND, Oregon.—Gilpin Construction Co., Henry Bldg., Portland, at \$44,862, submitted low bid to the U. S. Lighthouse Service, Custom House, Portland, for construction of steel bulkhead and anchorage, Tongue Point.

Total bids follow:
Gilpin Constr. Co., Henry Building, Portland, \$44,862.00.

Geo. H. Buckler, Portland, \$47,427.

Makela Constr. Co., Astoria, \$48,270.00.

Parker-Schram Co., Portland, \$51,750.00. 22

23— CANALS

CONTRACT AWARDED

YAKIMA PROJECT, Wash.—Haas, Doughty and Jones and Marshall and Stacey, 1104 Merchants Exchange Bldg., S. F., have awarded contract to H. J. Adler Constr. Co., Yakima, for construction of earthwork, canal lining and structures, Sta. 804 plus 74 to sta. 924, Yakima Ridge Canal, Roza division, Yakima Project, Wash., Spec. No. 783. C. E. Crownover, project engineer, Bureau of Reclamation, Yakima. Original contract awarded by the Bureau at \$140,233. 23

BIDS WANTED

SACRAMENTO, Cal.—Until August 16, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 208 Post Office Building, Sacramento, under Bid No. 1105-39-7, for raising, strengthening and setting back the existing levee, as follows:

- (a) along the east levee of Feather River in Reclamation District No. 784, southerly from the junction (mile 27.5) of the Yuba River with the Feather River opposite mile 21.6 to 22.9, approx. 6600 ft.;
- (b) along the west levee of the Sacramento River at Wohlfrums Bond approx. 4350 ft.

Work involves:

- SCHEDULE (a) (1) 162,900 c.y. levee embankment, in place;
- (2) 650 cu. y. road gravel, in place;
- (3) 1 job, remove and save approx. 96 ft. of 24-in. dia. corr. iron pipe, gate and appurtenances, including excavation and backfill;

- SCHEDULE (b) (4) 246,300 c.y. levee embankment, in place;
- (5) 7,000 M. gals. water for compaction purposes, applied as directed

- (6) 800 cu. y. road gravel, in place;
- SCHEDULES (a) and (b) COMB. (7) 162,900 c.y. levee embankment, in place, Sch. (a);
- (8) 246,300 c.y. d. Sch. (b);
- (9) 1 job remove and save approx. 96 ft. of 24-in. dia. corr. iron pipe, gate and appurtenances, including excavation and backfill;

- (10) 650 cu. y. road gravel, in place, Sch. (a);
- (11) 800 cu. y. do, Sch. (b);
- (12) 7,000 M. gals. water for compaction purposes.

Plans and specifications may be obtained from the above office. 23

24—STREET LIGHTING

BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until August 18, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for the construction of distribution lines and installation of distribution transformers for electric power within and adjacent to the various cities and towns of Calexico, Heber, Holtville, Imperial, Calipatria and Niland, and construction of 12 miles of 33-kv. transmission lines, all in Imperial Valley, in accordance with Spec. No. 13, copies of which may be obtained from the office of the Board, upon deposit of \$10 per set, returnable.

The principal items are:
Construction of 100 miles of 4160-kv. primary and secondary distribution lines, including the installation of 12,750-kva of distribution transformers, and

Construction of 13 miles of 33-kv. transmission lines using No. 1/0 AC-

SR conductor, including the installation of one air-break switch.

This work is to be done under PWA loan and grant, Docket No. Calif. 1088-P-D. Certified check or cashier's check or bid bond for 5% must accompany each proposal. W. W. Goodson, secretary. M. J. Dowd, General Manager and Chief Engineer. * 24

25—MACHINERY AND EQUIPMENT

BID OPENED

LOS ANGELES, Calif.—S. Edmondson & Sons, submitted the only bid to the State Highway Dept., L. A., for rental of 7-yd. dump truck for use on Angeles Crest Highway, State Route L. A. 61-B, for approx. 5 to 10 working days, as follows: eight 7-yd. Mack Trucks, 1939 to 1933, \$3.20 per hour; three 7-yd. International 1932-1934, \$3.20 per hour. * 25

BIDS OPENED

BONNEVILLE, Oregon.—Following submitted bids to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-300, for furnishing two gasoline engine driven 3-drum hoist. F.O.B.: (a) shipping point, (b) Bonneville.

Bids were: esse-Ersted Iron Works, Portland, (a) \$6,250, each; (b) \$6,312, each.

The Smith Corp., Portland, (a) \$5,992.50.

Ruget Sound Machinery Depot, Satttle, (a) \$5,743, (b) \$5,902.

Clyde Equipment Co., Portland, (a) \$5,450, (b) \$5,840.

Skagit Steel & Iron Works, Sedro-Wooley, (a) \$6,300. * 25

BIDS WANTED

BERKELEY, Ala. Co., Calif.—Until Aug. 16, 10:00 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing one Hall-Scott gasoline motor for air blower wagon.

Plans and specifications available from above office. * 25

CONTRACT AWARDED

OAKLAND, Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$98 per month was awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for rental of one concrete mixer for a six month period at the Oakland Airport. * 25

BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 11, 3:00 P. M., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-26, for the rental of one tractor and bulldozer with operating personnel on levee and misc. work at various places along the easterly bank of the Sacramento River between Colusa and Moulton Weir, Calif.

Bids will be taken on:
(1) Furnishing one RD No. 7, or equal, Caterpillar tractor equipped with Le Tourneau, or equal, double drum power unit and Le Tourneau, or equal bulldozer with operating personnel for approximately 800 hours use.

(2) Mobilization and delivery of equipment to U. S. Engineers at Colusa.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District

Engineer, 401 Custom House, S. F., under Bid No. 868-39-49, for one 6-inch gasoline engine driven dredge pump, dredge pipe and suction hose sleeves and clamps.

Bids taken on:

(1) One 6-inch gasoline engine driven dredge pump mounted on a common structural steel base;

(2) 300 Lf. 6-inch dredge pipe; 20 Lf. 6-inch dredge pipe; pipe bends and flanges;

(3) 12 Lf. suction hose, 10 each dredging sleeves;

(4) 25 clamps.

Bids were:

Montague Pipe and Steel Co.: (2) \$431.17, 1/2 of 1% 10 days.

Pioneer Rubber Mills, (3) \$193.92, 2% 10th prox.

Western Pipe and Steel Co., (2) \$96.69, net.

Godall Mechanical Corp., (3) \$204.04 (4) \$70, 2% 30 days.

Harold E. Bacon Co., (1) \$2,094, (3) partial bid; no 60-cycle, eight-tenths power factor, 400-r.p.m., vertical shaft, alternating-current generators, each complete with direct-connected main exciter and pilot exciter and thrust and guide bearings, for installation in the Grand Coulee power plant, Columbia Basin Project, Wash. Apparatus will be installed by the Government. F.o.b. shipping point and/or Odair, Wash.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.00 not returnable. * 25

BIDS WANTED

COLORADO PROJECT. — Until Aug. 22, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Sec. No. 1108-D, for furnishing and delivering one 10-ton, motor-operated, traveling crane for the Government warehouse at the Estes Park headquarters and one 10-ton motor-operated, traveling crane for the warehouse at the Government camp at Green Mountain Dam, Colorado—Bid Thompson Project, Colorado; f.o.b. shipping point and/or railroad destination. Cranes will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25 not returnable. * 25

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—Person & Hollingsworth, 507 S. Lorena St., Los Angeles, and Wilbur C. Cole, 4314 N. Talmadge Dr., San Diego, at \$241,183.59 was awarded contract by the Orange County Superintendant for the construction of grade and drainage structures on the A. T. & S. F. Ry. bet. Corona and Scully Station and northions of State Highway (VIII-Riv-43-A), occasioned by the construction of the Prado retarding basin, Riverside. * 26

BIDS OPENED

BONNEVILLE, Oregon.—Following submitted bids to the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-338-299, for furnishing (1) one gasoline engine driven, full revolving dipper shovel excavator mounted on crawler treads, complete with auxiliary boom, hoist, cable and all other accessories necessary for conversion to dragline, clamshell or hook crane use; (2) one heavy duty automatic dragline bucket, capacity 1 cubic yards; and (3) one heavy duty dredging clamshell bucket, capacity 1 1/4 cu. yds. Alternate "A": f.o.b. shipping point; Alternate "B": f.o.b. Bonneville, Ore.

Bids were:
Lima Locomotive Works, Lima, Ohio, Alternate "A": \$19,455, (2) \$990, (3) \$1,075.
Geo. Haiss Mfg. Co., Inc., New York, Alt. "A": \$1,050, Alt. "B": \$3,1183.
Contractors Equip. Corp., Portland, Alt "A": (1) \$17,338.40, (2) \$876.40, (3) \$1,109.
Alt. B: (1) \$19,118.40, (2) \$948.40, (c) \$1,210.50.
Eric Steel Const. Co., Erie, Pa., Alt "A": (2) \$873.86, (3) \$894.60, Alt. "B": (2) \$785.79, (3) \$1,050.21.
Link Belt Co., Chicago, Alt. A: (1) \$17,250, (2) \$891, (3) \$1,132, Alt. B: (1) \$19,025, (2) \$1,014, (3) \$1,357, Alternates (2) \$964, (3) \$1,288.
Thew Shovel Co., Lorain, Ohio, Alt. A: (1) \$18,535, (2) \$881, (3) \$1,105; Alt. B: \$20,370, (2) \$961, (3) \$1,224.
Wellman Engineering Co., Cleveland, Alt. A: (3) \$850; Alt. B: (3) \$1,111.
Marion Steam Shovel Co., Marlon, Alt. A: (1) \$17,800, (2) \$990, (3) \$1,243, Alt. B: (1) \$19,600, (2) \$1,067, (3) \$1,357.
American Hoist & Derrick Co., St. Paul, Alt. A: (1) \$14,727, (2) \$872, (3) \$946; Alt. B: (1) \$16,122, (2) \$993, (3) \$1,100.
Owen Bucket Co., Berkeley, Alt. A: (3) \$925, Alt. B: (3) \$1,125.
Clyde Equip. Co., Portland, Alt. A: (1) \$17,566.70, (2) \$820, Alt. B: (1) \$19,316.70, (2) \$925.
Andrews Equip. Service, Portland, Alt. A: (2) \$1,143, (3) \$855, Alt. B: (2) \$1,368, (3) \$978.
Feenaught Machinery Co., Portland, Alt. A: \$13,835, (2) \$846, (3) \$805, Alt. B: (1) \$15,340, (2) \$965, (3) \$970. * 25

Bids were:
Lima Locomotive Works, Lima, Ohio, Alternate "A": \$19,455, (2) \$990, (3) \$1,075.
Geo. Haiss Mfg. Co., Inc., New York, Alt. "A": \$1,050, Alt. "B": \$3,1183.
Contractors Equip. Corp., Portland, Alt "A": (1) \$17,338.40, (2) \$876.40, (3) \$1,109.
Alt. B: (1) \$19,118.40, (2) \$948.40, (c) \$1,210.50.
Eric Steel Const. Co., Erie, Pa., Alt "A": (2) \$873.86, (3) \$894.60, Alt. "B": (2) \$785.79, (3) \$1,050.21.
Link Belt Co., Chicago, Alt. A: (1) \$17,250, (2) \$891, (3) \$1,132, Alt. B: (1) \$19,025, (2) \$1,014, (3) \$1,357, Alternates (2) \$964, (3) \$1,288.
Thew Shovel Co., Lorain, Ohio, Alt. A: (1) \$18,535, (2) \$881, (3) \$1,105; Alt. B: \$20,370, (2) \$961, (3) \$1,224.
Wellman Engineering Co., Cleveland, Alt. A: (3) \$850; Alt. B: (3) \$1,111.
Marion Steam Shovel Co., Marlon, Alt. A: (1) \$17,800, (2) \$990, (3) \$1,243, Alt. B: (1) \$19,600, (2) \$1,067, (3) \$1,357.
American Hoist & Derrick Co., St. Paul, Alt. A: (1) \$14,727, (2) \$872, (3) \$946; Alt. B: (1) \$16,122, (2) \$993, (3) \$1,100.
Owen Bucket Co., Berkeley, Alt. A: (3) \$925, Alt. B: (3) \$1,125.
Clyde Equip. Co., Portland, Alt. A: (1) \$17,566.70, (2) \$820, Alt. B: (1) \$19,316.70, (2) \$925.
Andrews Equip. Service, Portland, Alt. A: (2) \$1,143, (3) \$855, Alt. B: (2) \$1,368, (3) \$978.
Feenaught Machinery Co., Portland, Alt. A: \$13,835, (2) \$846, (3) \$805, Alt. B: (1) \$15,340, (2) \$965, (3) \$970. * 25

BIDS OPENED
STOCKTON, San Joaquin Co., Cal. Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for rental of equipment, as follows:

(1) One or more truck shovels, capacity 4/10 cu. Must be regularly designed truck shovel and not a tractor type shovel mounted on truck chassis.
(2) One or more 4 c.y. dump trucks;
(3) One or more 3 c.y. dump trucks;
(4) One or more 2 c.y. dump trucks;
(5) One or more 1/2-ton expresses.

Bids were:
C. E. Huls, Merced, (1) \$3.95 per hr., moving time \$2.50 per hr.; (2) (a) \$2.90, (b) \$2.40, (c) 2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.55, (c) \$1.65; (5) \$1.25.
Portola Truck Service, San Francisco, (1) \$5.57, moving time \$2.50; (2) (a) \$2.90, (b) 2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.55, (c) \$1.65; (4) \$1,234. * 25

CONTRACT AWARDED
LOS ANGELES, Cal.—B. W. Kuhn, 2310 E. Washington Blvd., at \$50,400 3% 10 days, was awarded contract by U. S. Engineer, Los Angeles, for rental of eight 2 1/2-yard draglines for 900 hours each; Invit. 26. * 25

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for rental of 4 crawler type cranes for 1000 hours each, Invt 27, were awarded by U. S. Engineer, L. A., as follows: Bert Calvert, \$5,45 hour, total \$5450, disc: 2% 10 days; C. A. Spicer, \$5.70 hour, total \$5700, disc. 1%, 10 days; Pacific Crane & Rigging, Inc., \$5 hour, total \$5000, disc. 2%, 20 days; Archie Danisan, Pasadena, \$6.50 hour, total \$6500, disc. 1½%, 10 days. 25

BIDS WANTED

UKIAH, Mendocino Co., Calif.—Until August 17, 5:00 P. M., bids will be received by the Ukiah City Council, Fred L. Bosworth, Clerk, City Hall, for the purchase and installation of a Butane-Air Gas generator plant.

Plans and specifications may be obtained from the above office. 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Nick Vlachich at \$850, 1% 10 days, was awarded contract by U. S. Engineer, Los Angeles, for rental of one trenching machine for two months; Invt. 11. 25

BID OPENED

SACRAMENTO, Calif.—Spears Wells Machinery Co., 1832 W. 9th St., Oakland, at \$112.75 per day submitted only bid to the Sacramento City Council, H. C. Denton, City Clerk, City Hall, for the rental of one Spearwell Heater Planer, or equal, for use of the Street Maintenance Division, of the City of Sacramento. 25

29—STREETS AND HIGHWAYS

August 4, 1938

CONTRACT AWARDED

YERBA BUENA SHOALS—Road Mix, Inc., 1120 Huntington Drive, South Pasadena, at \$97,000, has been awarded a contract by Bay Auto Parks, Inc., for paving an area of 80 acres on Yerba Buena Shoals, San Francisco Bay, to be used for automobile parking purposes for the Golden Gate International Exposition. About 137 tank cars of RC-3 oil will be used. Maurice Kattelman is vice-president and general manager of Bay Auto Parks. 29

August 4, 1938

LOW BIDDER

PIMA COUNTY, Arizona—Tanner Construction Co., 801 Security Bldg., Phoenix, at \$30,716 submitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of Ajo-Tucson Highway, FAS 110-F (1) (1938) AFE 632. The work, which begins at the Tucson - San Xavier Mission Road and extends east about 2 miles to the Tucson-Nogales Highway, consists of grading, draining, aggregate base course and oil processing (SC-2 road or plant mix) and is to be completed on or before December 31, 1938.

Complete bids will be published shortly. 29

BIDS OPENED

SACRAMENTO, Calif.—Poulos & McEwen, Sacramento, at \$18,481.10 submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engr., Public Works Bldg., Sacramento, for grading and surfacing with road mix surfacing and applying seal coat to about 2.5 mi. between State Highway Rte. 28 at one mi. northeast of Bieher and 2½ miles northerly, Lassen County.

Work involves:

- (1) 300 M gals. water;
- (2) 4,500 c.y. rdwy. excav., unclass.;
- (3) 100 c.y. struc. excav.;
- (4) 9,300 c.y. imported borrow;
- (5) 13,600 sta. yds. overhaul;
- (6) 130 sta. finish rdwy.;
- (7) 5 c.y. remove existing conc.;
- (8) 4,400 c.y. gravel base;
- (9) 30 tons liq. asph. SC-2 prime coat;
- (10) 190 tons liq. asph. ROMC-3 or 4 road mix surf.;
- (11) 2,500 c.y. min. agg. road mix surf.;
- (12) 24 tons liq. asph. ROMC-3 or 4 seal coat;
- (12) 130 c.y. sand seal coat;
- (14) 200 lbs. bar reinf. steel;
- (15) 5 c.y. Class A Portland cement concrete;
- (16) 93 lf. 12-in. CMP;
- (17) 76 lf. 18-in. CMP;
- (18) 14 lf. 30-in. CMP;
- (19) 10 lf. remove and salvage existing CMP;
- (20) 18 lf. remove, clean and relay existing CMP.

Total bids follow:

- (A) Poulos & McEwen, Sacramento, \$18,481.10
- (B) Bernard H. Miles, Oakland, \$19,198.00.

Unit prices follow:

	(A)	(B)
(1).....	\$1.00	\$1.50
(2).....	.28	.40
(3).....	1.50	2.00
(4).....	.40	.40
(5).....	.01	.02
(6).....	3.00	5.00
(7).....	5.00	10.00
(8).....	.50	.55
(9).....	20.00	20.00
(10).....	18.00	19.50
(11).....	1.95	1.40
(12).....	20.00	22.00
(13).....	2.00	3.00
(14).....	.06	.15
(15).....	30.00	50.00
(16).....	1.40	1.50
(17).....	2.50	3.00
(18).....	3.25	5.00
(19).....	.80	1.00
(20).....	.80	1.00

August 4, 1938

BONDS VOTED

SACRAMENTO, Cal.—The City of Sacramento voted bonds August 2 in the amount of \$143,000 to finance improvements to Sacramento Municipal Airport. 29

August 4, 1938

BIDS OPENED

MONTRENEY CO., Calif.—Granite Construction Co., Ltd., Bin No. 9, Watsonville, at \$37,978.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with natural rock asphalt about 0.9 miles over Welby Hill about 4.6 miles south of King City, (V-Mon-2-F), Monterey County, Calif.

Work involves:

- (1) 1,300 M gals. water.
- (2) 620 cu. yds. remove exist conc.
- (3) 47,000 cu. yds. rdwy. excav. without class.
- (4) 340 cu. yds. struc. excav.
- (5) 175 cu. yds. ditch and channel excav.
- (6) 85,000 sta. yds. overhaul.
- (7) 22,000 sv. yds. blend subgrade and shoulders.
- (8) 45 sta. finish rdwy.
- (9) 2,300 tons crusher run base.
- (10) 10 tons liq. asph. SC-2 prime coat.
- (11) 8,300 sq. yds. preparing mix and shape shoulders.
- (12) 70 tons liq. asph. SC-2 shoulders.
- (13) 7,300 lbs. bar reinf. steel.
- (14) 75 cu. yds. class "A" Port. cem. conc. structs.

- (15) 62 in. ft. 8-in. CMP.
- (16) 242 lin. ft. 18-in. CMP.
- (17) 16 lin. ft. 24-in. CMP.
- (18) 6 each spillway assemblies.
- (19) 600 lin. ft. laminated guard rail.
- (20) 1,130 lin. ft. remove and salvage exist. guard rail.
- (21) 11 each culvert markers.
- (22) 21 each guide posts.
- (23) 1.6 miles new property fences.
- (24) 3 each drive gates.
- (25) 1,800 sq. yds. asph. paint binder.
- (26) 16 tons asph. emulsion.
- (27) 650 tons broken stone.
- (28) 1,400 tons natural rock asphalt.
- (29) 20 each monuments.

Total bids follow:

- (A) Granite Const. Co., Ltd., Bin No. 9, Watsonville, \$37,978.00.
- (B) Macco Const. Co., Clearwater, \$39,850.00.
- (C) N. M. Ball Sons, Berkeley, \$41,180.00.
- (D) L. A. Briscoe, Arroyo Grande, \$42,865.50.
- (E) C. R. Butterfield Kennedy Co., San Pedro, \$45,463.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1) \$ 1.25	2.00	1.30	2.80	1.85	
(2)	.65	1.50	2.00	3.00	1.25
(3)	19	26	25	25	32
(4)	32	1.00	1.20	1.00	1.00
(5)	.60	30	1.10	.80	.60
(6)	.005	.005	.01	.005	.005
(7)	.035	.05	.04	.03	.05
(8)	6.00	10.00	5.00	4.00	5.00
(9)	2.80	2.50	2.60	2.60	2.65
(10)	12.00	14.00	15.00	12.00	15.00
(11)	.09	.06	.08	.07	.07
(12)	12.00	14.00	15.00	11.00	15.00
(13)	.06	.05	.055	.06	.07
(14)	22.00	25.00	24.00	28.00	35.00
(15)	1.00	1.00	1.00	1.50	1.00
(16)	2.00	2.00	2.00	3.00	2.20
(17)	3.50	3.00	2.50	4.00	3.20
(18)	15.00	15.00	15.00	17.00	17.50
(19)	1.00	1.00	1.00	1.15	1.00
(20)	.30	.30	.40	.25	.60
(21)	2.50	3.00	3.00	2.00	3.00
(22)	2.50	3.00	3.00	2.00	2.00
(23)	500.00	500.00	475.00	475.00	550.00
(24)	17.00	18.00	20.00	15.00	25.00
(25)	.02	.03	.02	.03	.04
(26)	25.00	22.00	23.00	26.00	24.00
(27)	3.70	2.75	3.20	3.00	3.75
(28)	6.75	5.90	6.20	6.10	5.75
(29)	3.00	3.00	3.00	3.00	3.00

BUTTE COUNTY, Cal.—Chas. Kuppinger, Box 356, Lakeport, at \$18,217.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of about 3 miles of highway with gravel base and armor coat between 0.7 mile north of Biggs and State Highway Route 45, Butte County.

Work involves:

- (1) 140 M gals. water;
- (2) 160 sta. finish rdwy.;
- (3) 15,000 c.y. gravel base;
- (4) 41 tons liq. asph. SC-2 prime coat;
- (5) 85 tons liq. asph. 90-95 armor coat;
- (6) 1,350 tons screenings, armor coat.

Total bids follow:

- (A) Chas. Kuppinger, Box 356, Lakeport, \$18,217.50.
- (B) Piazza & Huntley, San Jose, \$19,349.00.
- (C) Lee J. Immel, Berkeley, \$20,962.50.
- (D) E. A. Forde, San Anselmo, \$21,754.25.
- (E) Hemstreet & Bell, Marysville, \$21,767.00.
- (F) Claude C. Wood, Lodi, \$22,408.40.
- (G) Independent Const. Co., Ltd., Oakland, \$22,639.00.
- (H) N. M. Ball Sons, Berkeley, \$22,953.50.
- (I) E. B. Bishop, Orland, \$24,982.00.
- (J) R. Reeves, Sacramento, \$33,129.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
1.	\$1.50	\$1.00	\$1.00	\$1.50	\$1.50
2.	5.00	3.00	1.00	3.00	3.00
3.	.68	.76	.90	.98	.90
4.	15.25	14.50	12.50	11.50	15.00
5.	14.35	15.00	14.00	12.75	16.00
6.	2.75	3.00	3.00	2.70	3.00
	(F)	(G)	(H)	(I)	(J)
1.	\$1.25	\$1.75	\$1.25	\$1.50	\$1.00
2.	2.50	2.50	5.00	3.00	5.00
3.	1.00	1.00	.95	1.15	1.70
4.	13.00	14.00	16.00	17.00	12.50
5.	14.24	14.00	17.00	19.00	12.50
6.	2.75	2.75	3.00	2.50	2.80

29

COMPLETE BIDS

COCONINO COUNTY, Ariz.—Fisher Street Contracting Co., 516 Seventh Street, Phoenix, at \$49,990.95 (based on 10% increase. If also awarded the Jacobs Lake-North Rim job) submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading, draining and placing surfacing (base) with bituminous treatment on 6.137 miles of portions of Sections C and D of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino County, Ariz.

- Work involves:
- 12 acres clearing;
 - 12 acres grubbing;
 - 4,700 c.y. stripping and storing topsoil;
 - 27,000 c.y. unclass. excav.;
 - 20 c.y. do for struc.;
 - 17,500 c.y. do for borrow;
 - 47,100 sta. yds. overhaul;
 - 35,200 c.y. mi. borrow haul;
 - 1,500 lf. furrow ditches;
 - 3,350 miles fine grading subg. and shoulders;
 - 225 M. gals. watering;
 - 10,000 tons of crushed run top course;
 - 170 tons applying Govt.-furnished asph. material (Type SC-2) for bituminous treatment;
 - Force account: sanding;
 - 10 c.y. cement rubble masonry;
 - 30 lf. corr. galv. sheet metal pipe;
 - 68 lf. remove, clean and relay existing CM pipe;
 - 28 each culvert markers;
 - Force account: obliteration of old roads.

Note—Fisher will discount above project 10% if awarded above contract and also the Jacobs Lake-North Rim contract noted elsewhere in this column. For both contracts Oswald Bros., L. A., will discount 3%.

- The total bids were:
- (A) Fisher Constr. Co., Phoenix, \$55,545.50 (less 10%) \$49,990.95.
- (B) Oswald Bros., L. A., \$55,237 (less 3%), \$53,579.89.
- (C) Pearson & Dickerson Contractors, Inc., Prescott, \$61,067.40.
- (D) H. J. Hogan, Globe, Ariz., \$64,243.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	\$200.00	\$250.00	\$150.00	\$200.00
(2)	100.00	150.00	60.00	100.00
(3)	.20	.20	.215	.20
(4)	.74	.70	.88	.80
(5)	1.50	3.00	1.50	2.50
(6)	.28	.35	.20	.30
(7)	.02	.03	.03	.02
(8)	.15	.18	.30	.30
(9)	.10	.12	.10	.10
(10)	250.00	300.00	230.00	1000.00
(11)	4.00	4.00	3.00	5.00
(12)	1.38	1.00	1.25	1.00
(13)	15.00	18.00	15.00	30.00
(14)	125.00	125.00	125.00	125.00
(15)	22.00	20.00	30.00	40.00
(16)	3.00	2.50	2.50	3.00
(17)	3.00	2.00	1.80	2.00
(18)	3.00	3.00	3.00	5.00
(19)	1000.00	1000.00	1000.00	1000.00

CONTRACT AWARDED

HICKAM FIELD, T. H.—Moses

Akiona, Honolulu, at \$10,990.00 awarded contract by Capt. John A. Hunt, Constructing Quartermaster, Hickam Field, T. H., under Bid No. CQM 397-39-1 for performing miscellaneous grading and filling at Hickam Field. 29

COMPLETE BIDS

COCONINO COUNTY, Ariz.—H. J. Hagen, Globe, Arizona, at \$53,559.50 submitted low bids to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading, drainage and surfacing (base) on 1.278 miles, Section C and a portion of Section F of the Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, Coconino Co., Ariz.

- Work involves:
- 17 acres clearing;
 - 7 acres grubbing;
 - 1,800 c.y. stripping and storing topsoil;
 - 44,600 c.y. unclass. excav.;
 - 35 c.y. unclass. excav. for struc.;
 - 8,500 c.y. do for borrow;
 - 416,000 sta. yds. overhaul;
 - 8,200 c.y. mi. borrow haul;
 - 1,100 lf. furrow ditches;
 - 59 M. gals. watering;
 - 1,700 c.y. crusher run top course;
 - 50 tons applying Govt.-furnished asph. material (type MC-2) for bituminous treatment;
 - Force account sanding;
 - 9 c.y. dry rubble masonry;
 - 96 lf. corr. galv. sheet metal pipe;
 - 102 lf. remove, clean and relay existing CM pipe;
 - 4 each culvert markers;
 - Force account: obliteration of old roads;
 - Force account: furnish & erect project signs.
- Note—Fisher Contracting Co. will discount for Fredonia-Houserock project, noted elsewhere in this column, 10% if awarded both contracts. Oswald Bros. will discount 3% Fredonia-Houserock job for both awards.
- The total bids were:
- (A) Fisher Contr. Co., Phoenix, \$53,805.
- (B) H. J. Hagen, Globe, Ariz., \$53,559.50.
- (C) Oswald Bros., L. A., \$55,441.
- (D) Pearson & Dickerson, Inc., Prescott, \$64,787.20.

*See note following quantities. The unit bids were:

	(A)	(B)	(C)	(D)
(1)	\$200.00	\$200.00	\$250.00	\$215.00
(2)	100.00	100.00	150.00	75.00
(3)	.20	.20	.20	.20
(4)	.80	.70	.80	.937
(5)	1.50	2.50	3.00	1.50
(6)	.25	.30	.35	.20
(7)	.015	.02	.015	.03
(8)	.18	.30	.30	.30
(9)	.10	.10	.15	.10
(10)	6.00	5.00	3.00	3.50
(11)	1.75	2.00	1.25	1.00
(12)	20.00	30.00	25.00	15.00
(13)	50.00	50.00	50.00	50.00
(14)	22.00	20.00	15.00	7.00
(15)	3.25	3.00	3.50	4.00
(16)	3.25	2.90	1.50	1.75
(17)	5.00	5.00	3.00	3.50
(18)	500.00	500.00	500.00	500.00
(19)	50.00	50.00	50.00	50.00

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, No. 1 De Haro Street, San Francisco, at \$23,246.62 awarded contract by the Dept. of Public Works, Room 251, City Hall, for improving crossing at Quintara St. and Cragmont Ave., and others. 29

Monday, August 1, 1938

BIDS WANTED
COCHISE COUNTY, Ariz. — Until August 16, 2:00 P. M., bids will be received by the Arizona State High-

way Commission, Phoenix, for construction on the Ft. Huachuca-Bisbee Highway, F. A. 133-C (1) (1939) AFE 9205. The work, which extends from the town on Don Luis Southwesterly 4½ miles, consists of grading, draining, aggregate base course and cutback road mix, and is to be completed on or before January 15, 1939.

- Work involves:
- 48,300 c.y. roadway excav.
 - 4,000 c.y. drainage excav.
 - 9,600 lf. crown ditches.
 - 1,300 c.y. strc. excav.
 - 66,300 sta. yds. station yard overhaul.
 - 5,000 c.y. mile haul.
 - 2,600 c.y. imported borrow (CIP).
 - 26,600 c.y. select material (CIP).
 - 10,400 tons aggregate base course (CIP).
 - 3,000 M. gal. sprinkling.
 - 840 hours rolling.
 - 727 c.y. Class "A" concrete.
 - 63,500 lbs. reinforcing steel.
 - 1494 lf. CMP (3 sizes).
 - 350 c.y. plain riprap.
 - 46,700 lf. line fence.
 - 7,400 tons mineral aggregate.
 - 383 tons cutback asphalt (MC-4).
 - 45 miles processing road mix.
 - 870 tons screenings.
 - 122 tons emulsified asphalt (class A).
- Plans and specifications may be obtained from the Arizona Highway Department, 17th Ave. and Jackson St., Phoenix, Ariz. Howard S. Reed, State Highway Engineer. 29 *

LOW BIDDERS

OKANOGAN COUNTY, Wash.—C. E. Oneal Co., Inc., Ellensburg, Wash., at \$34,837.20 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engr., 316 New Post Office Bldg., Portland, for the construction of approx. 1.074 mi. of the Loup Loup Highway, Grading Washington Forest Highway Project 28-C1-D1, located within the Chelan National Forest, Okanogan County, Wash.

Three low bids follow:

C. E. Oneal Co., Inc., Ellensburg, Wash., \$34,837.20.

M. L. O'Neil & Son, Eugene, \$36,951.80.

K. L. Goulter, Seattle, \$38,241.00.

Complete bids will be published shortly. 29 *

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$44,301, awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 0.6 mile to be graded and surfaced with road mix surfacing, and placing sacked concrete riprap, five and one-half miles east of Route 1 and Lake County portions between 17 and 23 miles east of Lucerne, 1-Men, Lak-15-A-C, Mendocino County. 29 *

CONTRACT AWARDED

SAN MATEO COUNTY, Calif.—N. M. Ball Sons, 852 Carmel Street, Albany, at \$34,212.00, awarded contract by the State Division of Highways, Sacramento for about 1.3 miles grading between Skyline Blvd. and La Honda, San Mateo Co., Calif. 29 *

CONTRACT AWARDED

SUTTER COUNTY, Calif.—Hemstreet & Ball, 501 11th St., Marysville, at \$6,110, awarded contract by the State Division of Highways, Sacramento, for placing crusher run base and place-mix surfacing borders on 1.2 miles between 6.7 miles and 5.5 miles west of Yuba City, District 111, Rt. 15, Section B, Sutter county. 29 *

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at \$129,381 awarded contract by the State Division of Highways, Sacramento, for about 4 miles grading and surfacing with asphalt concrete between Fillmore and Hopper Creek, Ventura County. * 29

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., S. F., at \$3,023.60 awarded contract by the Dept. of Public Works, Room 251 City Hall, for the improvement of Esmeralda Ave. between Winfield St. and Elsie St., including the Crossing. * 29

LOW BIDDERS

GREENLEE COUNTY, Ariz.—All Arizona Engineering & Constructing Company, Clifton, Arizona, at \$38,449 submitted low bid to the U.S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading and placing cushion materials on approximately 6.115 miles, Section B of Route 19, Clifton-Alpine National Forest Highway, Crook National Forest, Greenlee County, Ariz.

Three low bids follow:

All Arizona Engr. & Constructing Co., Clifton, \$38,441.40.

H. J. Hagen, Globe, \$39,717.00.

Lewis Bros., Phoenix, \$42,723.00.

Complete bids will be published shortly. * 29

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until August 24, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 0.2 miles grading and surfacing with plant-mixed surfacing between 0.3 mile north of Sonoma county line and Squaw Rock, Mendocino County.

Work involves:

- (1) Clear and grub;
- (2) 300 M. gals. water;
- (3) 49,300 c.y. rdwy. excav., unclass.;
- (4) 180 c.y. ditch and channel excav.
- (5) 30,400 c.y. imported borrow;
- (6) 400 c.y. struc. excav.;
- (7) 7,200 c.y. rock filling material;
- (8) 11.3 sta. finish rdwy.;
- (9) 700 tons min. agg. plant mix surf.;
- (10) 32 tons liq. asph. SC-4 plant mix surf.;
- (11) 9 tons liq. asph. SC-1A prime coat;
- (12) 5 tons asph. emulsion seal coat;
- (13) 35 c.y. screenings, seal coat;
- (14) 10 c.y. sand seal coat;
- (15) 320 lbs. bar reinf. steel;
- (16) 4 c.y. Class A Portland cement concrete struc.;
- (17) 218 l.f. 8-in. CMP;
- (18) 316 l.f. 18-in. CMP;
- (19) 22 l.f. 24-in. CMP;
- (20) 2 each remove and reset head-walls;
- (21) 450 l.f. 8-in. perf. metal pipe underdrains;
- (22) 284 l.f. remove and salvage culvert pipe;
- (23) 1 each spillway assemblies;
- (24) 4 each culvert markers.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SAN MATEO, Calif.—Until Aug. 15, 8:00 P. M., bids will be received by the San Mateo City Council, W. D. Soule, City Manager, City Hall, San Mateo, for grading and constructing curbs, gutters, sidewalks and asphaltic concrete wearing surface on NW corner of San Mateo Drive and Second Ave.

Work involves:

- (1) 75 c.y. grading, unclassified;

- (2) 25 c.y. concrete curb and gutters and 6-inch concrete base pavement;
- (3) 875 sq. ft. concrete sidewalk;
- (4) 40 tons asphaltic concrete pavement.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00, returnable. * 29

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 17, 10 A. M. bids will be received by L. A. Board of Public Works for grading, paving and otherwise improving Tankership Blvd. betw. 90 ft. N. of Chandler Blvd. (south road) and 68 ft. S. of Magnolia Blvd., PWA proj. 1644-2-PP-F, Unit 1. The work involves:

- (1) 3,861 c.y. cut, including removal of existing imprtvts.;
- (2) 66,908 sq. ft. asph. concr. pave., 8 in. thick, consisting of 2-in. asph. concr. wearing surface on 6-in. asph. concr. base;
- (3) 22,259 sq. ft. concr. pav., 8-in. thick;
- (4) 461 l.f. heavy class clud;
- (5) 218 l.f. curb armor;
- (6) 546 sq. ft. one course walk, 3 in. thick;
- (7) 16 sq. ft. one course walk, 6 in. thick (driveways);
- (8) 229 sq. ft. concr. gutter, 8 in. thick;
- (9) 5 manholes reset. * 29

CONTRACT AWARDED

YUMA CO., Ariz.—Fisher Constr. Co., 516 7th St., Phoenix, at \$32,405.58, awarded contract by the Arizona State Highway Commission, Phoenix, Ariz., for highway construction on the San Luis-Yuma Highway, No. F. A., AFE 9501. The work, which is to begin at the town of San Luis and extends northerly for a distance of approx. 3 miles, consists of grading and draining the roadway, importing binder material; mixing binder and local material; and oil processing the mixed material with MC-4 cutback asphalt and is to be completed on or before Oct. 31, 1938. * 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until Aug. 25, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., L. A., for constructing a gross length of about 2.9 miles bank of protection fence (VII-LA 23-H, A), Los Angeles Co., Calif.

Work involves:

- (1) 2,200 l.f. pipe and wire bank protection fence;
- (2) 630 l.f. rail and wire bank protection fence;
- (3) 53 each anchor rails.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacto. * 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until August 25, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing drainage structures and Portland cement concrete pavement on Ramona Blvd. near Los Angeles County Sheriffs Pistol Range (VII-LA-26-D.A.H.), Los Angeles Co.

Work involves:

- (1) 110 c.y. remove concrete;
- (2) 5,200 c.y. struc. excav.;
- (3) 7,800 c.y. ditch and channel excavation;
- (4) 1,300 sq. vds. preparing subgd.;
- (5) finishing rdwy.;
- (6) 120 tons min. agg. plant mix surfacing;
- (7) 7 tons liq. asph. SC-4 plant mix surfacing;

- (8) 600 sq. yds. salvage and relay plant mix surf.;
- (9) 215 tons asph. concrete channel pave.;
- (10) 7,200 sq. ft. woven wire fence channel pave.;
- (11) 55 c.y. Class A Portland cement conc. pave.;
- (12) 90 each pave. dowels;
- (13) 111,000 lbs. bar reinf. steel;
- (14) 725 c.y. Clas Portland cement conc. struc.;
- (15) 7,600 lbs. misc. iron and steel;
- (16) 150 l.f. 18-in. CMP;
- (17) 12 l.f. 24-in. CMP;
- (18) 320 l.f. remove and relay exist. CMP culverts;

(19) 30 c.y. Class A Portland cement conc. curbs & local depressions;

(20) 100 l.f. bank protection fence.

Plans and specifications may be obtained from the State Highway Engineer, Public Service Building, Sacramento. * 29

BIDS WANTED

SAN JOAQUIN COUNTY, Calif.—Until August 24, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with untreated crushed gravel or stone about 4.4 miles on Moseley Road bet. Terminus Road and Pelletier Road, San Joaquin County.

Work involves:

- (1) 255 sta. clear and grub;
- (2) 1,200 M. gals. water;
- (3) 32,750 c.y. rdwy. excav., unclass.;
- (4) 64,000 sta. vds. overhaul;
- (5) 1,105 c.y. struc. excav.;
- (6) 235 sta. finish rdwy.;
- (7) 12,350 tons untreated crushed gravel or stone surf.;
- (8) 494 l.f. 18-in. CMP;
- (9) 124 l.f. 24-in. CMP;
- (10) 792 l.f. 30-in. CMP;
- (11) 86 l.f. 36-in. CMP.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

PLUMAS COUNTY, Calif.—Until August 13, 10 A. M., (date postponed from Aug. 2) bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, Dist. 11, Redding, about 1 mile to be surfaced with road-mix surfacing and a Class "A" seal coat applied between 0.3 miles north of Spanish Creek and Quincy (11-plu-21-c), Plumas County, Calif.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

SAN FRANCISCO—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$97,430.00 was awarded contract by the Public Utilities Commission, Rm. 287, City Hall, under Contract No. 46, for paving at the San Francisco Airport. * 29

CONTRACT AWARDED

JACKSON COUNTY, Oregon—Clifford A. Dunn, Klamath Falls, Oregon, at \$87,107, awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 7,085 miles constructing or improving the Tiller-Trall Highway, Surfacing Project 16-G-4, H2, 12, J2, National Forest Road Project, located within the Rogue River National Forest, Jackson Co., Ore. * 29

BIDS OPENED

SAN FRANCISCO—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$97,430.00 submitted low bid to the Public Utilities Commission, Rm. 287, City Hall, under Contract No. 46, for

aving at the San Francisco Airport.

Work involves:

- 1) 320,000 gallons emulsified asphalt, in place, in asphalt stabilized pavement base;
 - 2) 430,000 gallons emulsified asphalt, in place in asphaltic concrete wearing surface;
 - 3) 150,000 gallons emulsified asphalt, in place in asphaltic concrete fill under wearing surface;
 - 4) 60,000 gallons emulsified asphalt, in place in seal coat and penetration asphaltic treatment;
 - 5) 3,000 gallons emulsified asphalt delivered in storage.
- Total bids follow:
- A) Lee J. Immel, 1031 Evelyn St., Berkeley, \$97,430.00.
- B) A. M. Bloomquist, Redwood City, \$14,794.00.
- C) C. A. Casson, Hayward, \$111,310.00.
- D) Union Paving Co., San Francisco, \$111,420.00.
- E) Oilfields Trucking Co., Bakersfield, \$115,290.00.
- F) Eaton and Smith, San Francisco, \$115,710.00.
- G) Chas. L. Harney, San Francisco, \$117,410.00.

Unit prices follow:

	(A)	(B)
1)	.11	1218
2)	.10	1021
3)	.10	1057
4)	.067	.09
5)	.07	.07

(C)	(D)	(E)	(F)	(G)
.125	.125	.129	.14	.135
.125	.11	.12	.11	.11
.10	.11	.12	.12	.11
.07	.12	.07	.09	106
.07	.14	.07	.07	.135

August 3, 1938

CONTRACT AWARDED

SAN MATEO, Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$33,836.10 submitted low bid and was awarded contract by the San Mateo City Council, City Hall, San Mateo, for grading all classes of material including making subgrade, the construction of 6-ft. concrete curbs and 2-ft. gutters and 4-inch concrete sidewalk, asphaltic concrete base pavement 2 1/2 in. thick with a 1 1/2-in. asphaltic concrete wearing surface.

Construction of vitrified clay pipe sanitary sewer with 4-inch wye branches and 4-inch vitrified lateral sewers and red burnt brick manholes capped with cast iron frame and covers. Construction of concrete pipe storm sewers with standard catchbasins. Construction of water mains with hydrants and all necessary fittings in the following streets in the City of San Mateo:

Buena Vista Avenue from Isabelle Ave. to its westerly limits, Portola Drive from Isabelle Ave. to Alameda de las Pulgas, 27th Ave. from Alameda de las Pulgas to the westerly line of Isabelle Ave. and from the easterly line of Isabelle Ave. to the westerly line of Hacienda Street, Isabelle Avenue from the center line of 28 Avenue to the northerly line of Lot 1, Block 4, San Mateo Terrace extended southwesterly, Hacienda Street from the southerly line of 27th Ave. to the southerly line of Lot 16, Block 4, San Mateo Terrace.

Work involves:

- (1) 5,500 cu. yds. grading;
- (2) 1,570 lin. ft. concrete curb and gutter;
- (3) 27,250 sq. ft. concrete sidewalk;
- (4) 77,500 sq. ft. asphaltic concrete pavement;
- (5) 2,695 lin. ft. 6-inch vit. clay pipe sewer furnished and installed complete including 6-inch by 4-inch wye branches;
- (6) 2,295 lin. ft. 4-inch vit. clay pipe

sewer laterals furnished and installed, complete.

- (7) 90 lin. ft. 12-inch concrete sewer pipe furnished and installed complete;
- (8) 8 storm water catchbasins furnished and installed complete;
- (9) 11 red burnt brick manholes capped with cast iron frame and cover complete;
- (10) 335 lin. ft. 8-inch cast iron (cement lined) water pipe furnished and installed complete;
- (11) 1,650 lin. ft. 6-inch cast iron (cement lined) water pipe furnished and installed complete;
- (12) 1,070 lin. ft. 4-inch cast iron (cement lined) water pipe furnished and installed complete;
- (13) 120 lin. ft. 2-inch galv. water pipe furnished and installed complete;
- (14) Two 8-inch water valves and boxes furnished and installed complete;
- (15) Eight 6-inch water valves and boxes furnished and installed complete;
- (16) Three 4-inch water valves and boxes furnished and installed complete;
- (17) Three 2-inch water valves and boxes furnished and installed complete;
- (18) Six fire hydrants furnished and installed complete;
- (19) 2,900 lbs. of cast iron fittings (cement lined) furnished and installed, complete;
- (20) 550 lin. ft. 3-inch by 6-inch Redwood header furnished and installed, complete.

Total bids follow:

- (A) W. J. Tobin, 3701 Balfour Ave., Oakland, \$33,836.10.
- (B) Union Paving Co., S. F., \$34,446.85.
- (C) Pacific States Construction Co., S. F., \$34,932.80.
- (D) Chas. L. Harney, S. F., \$39,292.75.
- Unit prices follow:
- | | (A) | (B) | (C) | (D) |
|-----|-------|-------|-------|-------|
| 1) | .285 | .30 | .15 | .53 |
| 2) | .80 | 1.00 | 1.05 | 1.05 |
| 3) | .17 | .18 | .14 | .20 |
| 4) | .145 | .14 | .159 | .17 |
| 5) | .93 | .75 | .80 | .87 |
| 6) | .82 | .70 | .76 | .72 |
| 7) | 1.28 | 1.25 | 1.80 | 1.38 |
| 8) | 80.00 | 90.00 | 90.00 | 95.00 |
| 9) | 80.00 | 75.00 | 90.00 | 85.00 |
| 10) | 1.83 | 2.00 | 2.00 | 2.00 |
| 11) | 1.46 | 1.50 | 1.70 | 1.50 |
| 12) | 1.21 | 1.20 | 1.10 | 1.05 |
| 13) | .80 | .50 | .60 | .65 |
| 14) | 50.00 | 50.00 | 70.00 | 65.00 |
| 15) | 40.00 | 35.00 | 55.00 | 43.00 |
| 16) | 32.00 | 25.00 | 30.00 | 29.00 |
| 17) | 10.00 | 15.00 | 18.00 | 15.00 |
| 18) | 70.00 | 75.00 | 90.00 | 90.00 |
| 19) | .09 | .15 | .08 | .09 |
| 20) | .17 | .20 | .15 | .21 |

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 16, 2 P. M. Bids will be received by the U. S. A. County Supervisors for the improvement of Lincoln Ave. in Altadena, from N boundary of City of Pasadena, near Vermont St., northerly to Ventura St., 3520 lin. ft., more or less. Cash Contract No. 495. The work involves:

- (1) 3600 cu. yds. excav. (incl.) clearing, shaping and preparation of subgrade;
- (2) 200 cu. yds. curb and gutter, class B cem. concr.;
- (3) 106 cu. yds. cross gutter, class A cem. concr.;
- (4) 121,225 sq. ft. 3-in. macadam base;
- (5) 1600 tons premix pavement.

BIDS OPENED

FRESNO AND TULARE COS., Cal.—A. A. Tieslau, 2819 Telegraph Ave., Berkeley, at \$4,271.50 submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic

Center, San Francisco, for placing bituminous treatment on approximately 3.981 miles, Section A, Fresno General Grant Park Approach Road, Sequoia National Forest, Fresno and Tulare Counties, Calif.

Work involves:

- (1) 190 tons slow curing asphalt, type SC-1A bit. treatment;
 - (2) Force account sanding treated surface;
 - (3) Lump sum, placing stockpile embankment material;
- Total bids follow:
- A. A. Tieslau, 2819 Telegraph Ave., Berkeley, (1) \$19.85, (2) \$70, (3) \$430, total, \$4,271.50.
- Ralph A. Bell, Monrovia, (1) \$21.50, (2) \$70, (3) \$800, total \$4955.
- Garcia Construction Co., Irvington, (1) \$24, (2) \$70, (3) \$500, total \$5,130.
- California Fresno Oil Co., Fresno, (1) \$27.52, (2) \$70, (3) \$272, total \$5,570.80.

LOW BIDDERS

SNOHOMISH COUNTY, Wash.—James Coyle, Seattle, at \$47,504.60 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for construction of approximately 1.612 miles South Fork Stillaguamish Highway, Reconstruction Grading Project 7-D2, National Forest Road Project, located within the Mt. Baker National Forest, Snohomish Co., Wash.

Three low bids follow:

- James Coyle, Seattle, \$47,504.60.
- Hallstrom and Hallstrom, Seattle, \$52,694.00.
- Halleran Bros, Seattle, \$53,530.00.

Complete bids will be published shortly.

CONTRACT AWARDED

INYO COUNTY, Calif.—Basich Bros., 20530 S. Normandie Ave., Torrance, at \$7,047, awarded contract by the State Division of Highways, Sacramento, for about 0.5 miles to be graded and surfaced with road-mix surfacing in the City of Bishop between the west city limits and Main St., Inyo County, Calif.

BIDS WANTED

SAN DIEGO and Imperial Counties, Cal.—Until August 25, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and applying road-mix surface treatment on about 2.6 miles between Boulder Park and Mountain Springs, San Diego and Imperial Counties.

Work involves:

- (1) clear and grub;
- (2) remove buildings;
- (3) 13,650 M. gals. water;
- (4) 237,000 c.y. rdwy. excav., unclass.
- (5) 1,600 c.y. ditch and channel excavation;
- (6) 3,400 c.y. struc. excav.;
- (7) 481,000 sta. yds. overhaul;
- (8) 19,500 c.y. imported borrow;
- (9) 1,060 c.y. remove concrete;
- (10) 135 sta. finish rdwy.;
- (11) 34 tons liq. asph. SC-2 prime coat;
- (12) 400 tons liq. asph. SC-3 or SC-4 road mix surf. treatment;
- (13) 63,000 sq. yds. prep. mix and shape road mix surf. treatment;
- (14) 28 tons asph. emulsion seal coat
- (15) 250 tons screenings seal coat;
- (16) 2,500 lbs. bar reinf. steel;
- (17) 50 c.y. Class A Portland cement concrete struc.;
- (18) 564 lf. 8-in. CMP;
- (19) 312 lf. 18-in. CMP;
- (20) 1,814 lf. 24-in. CMP;
- (21) 38 lf. 30-in. CMP;
- (22) 384 lf. 36-in. CMP;
- (23) 206 lf. 36-in. CMP, 10 gauge;
- (24) 62 lf. remove and relay pine culverts;

PLUMAS COUNTY—OVERHEAD CROSSING—(STATE)

- (25) 228 lf. remove and salvage pipe culverts;
- (26) 135 lf. 105-in. multi-plate CMP, 57-15;
- (27) 19 each spillway assemblies;
- (28) 83 each culvert markers;
- (29) 48 ea. remove and salvage guide nosts and culvert markers;
- (30) 62 each monuments;
- Alternate Cribbing Items
Alt. "A" Metal Cribbing
- (31) 50 each 6x6-in. by 4-ft. metal headers;
- (32) 1,220 each 6x6-in. by 6-ft. metal headers;
- (33) 15 each 6x6-in. by 8 ft. metal headers;
- (34) 10 each 6x6-in. by 8 ft. metal stepback headers;
- (35) 10 each metal header spacers;
- (36) 30 each metal header inserts;
- (37) 810 each metal header caps;
- (38) 2,000 each 6x8-in. by 6 ft. metal stretchers;
- (39) 450 each metal stretcher insers;
- (40) 2 each gap joints;
- Alt. "B" Reinf. Conc. Cribbing
- (41) 230 each 5x8-in. by 6 ft. reinf. conc. headers;
- (42) 1,325 each 5x10-in. by 6 ft. do;
- (43) 30 each 5x10-in. by 8 ft. do;
- (44) 830 each 6x6-in. by 6-ft. reinf. conc. stretchers;
- (45) 730 each 6x8-in. by 6-ft. do;
- (46) 1,100 each 6x10-in. by 6-ft. do;
- (47) 250 each 10x6x10-in. conc. filler blocks.

NOTE: A bidder is required to submit a bid on one alternative and may, but is not required, to submit bids on all the alternatives.

Plans and specifications may be obtained from the State Highway Engineer, Public Service Building, Sacramento. 29

31—PIPE LINES & WELLS

BIDS WANTED
LAS VEGAS, Nev.—Until Sept. 7.
P. M. bids will be received by the Clark County Commissioners, Las Vegas, for furnishing and installing one water pump and electric motor. Pump to be submersible turbine type with capacity of 25 gals. per minute working against a 60 ft. head pumping from a cased well 410 ft. deep and lifting water 190 ft. above collar of well. Pump to be electrically driven by a 440-volt, 60-cycle, 3-phase motor with proper protection. Pump and motor to be installed at well in Searchlight, Nev.
Bids submitted to be for cash and on time payments.
Detailed information may be obtained from the members of the advisory Board of the Town of Searchlight, at Searchlight, Nevada.
Lloyd S. Payne, county clerk. * 31

LOW BIDDERS
ALCATRAZ, Calif.—Scott Co., Inc., 247 Minna St., S. F., at \$172,700 submitted low bid to the Procurement Division, Public Bids Branch, Washington, D. C., for furnishing the materials and performing the work for utility pipe lines at the U. S. Penitentiary, Alcatraz, Calif.
Three low bids follow:
Scott Company Inc., 243 Minna St., S. F., \$172,700.00.
Fred J. Early, S. F., \$176,000.00.
Anderson & Rowe, S. F., \$184,115.00.
* 31

32—SEWERS & SEWAGF DISPOSAL PLANTS

BIDS WANTED
SAN DIEGO, Calif.—Until August 23, 11:00 A. M., bids will be received by the Public Works Office, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8705, for extension of sewer

PLUMAS COUNTY, Calif.—George Pollock Co., P. O. Box 903, Sacramento, at \$117,584.85 (Alternate "A") submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacto, for construction of a steel girder overhead crossing with conc. deck over the tracks of the Western Pacific Railroad Company at Greenville; a steel girder bridge with concrete deck across Wolf Creek, and about 0.4 mile of grading and surfacing with screened gravel and road-mix surfacing, Plumas County.

- Work involves:
- (1) 1 lot clear and grub;
 - (2) 970 M. gals. water;
 - (3) 28,000 c.y. rdwy. excav., unclass.
 - (4) 1,350 c.y. struc. excav.;
 - (5) 24,000 sta. yds. overhaul;
 - (6) 40,000 c.y. imported borrow;
 - (7) 29 sta. finish rdwy.;
 - (8) 2,000 c.y. screened gravel, road base;
 - (9) 420 c.v. min agg. road mix surf
 - (10) 35 tons liq. asph. ROMC-3 or -4 road mix surf.;
 - (11) 5 tons liq. asph. SC-2 prime coat
 - (12) 5 tons liq. asph. SC-2 penetration oil treatment;
 - (13) 45 c.y. sand seal coat;
 - (14) 5.5 tons liq. asph. ROMC-3 or -4 seal coat;
 - (15) 109,150 lbs. bar reinf. steel;
 - (16) 266 c.y. Class A Portland cement conc. footing blocks;
 - (17) 744 c.v. do for struc.;
 - (18) 400,000 lbs. struc. steel;
 - (19) 2,882 lf. furnish steel piles;
 - (20) 66 each drive steel piles;
 - (21) 150 c.y. sacked conc. riprap;
 - (22) 194 lf. 18-in. CMP;
 - (23) 62 lf. clean and relay metal pipe culverts;
 - (24) 1,022 lf. timber guard rail;
 - (25) 10 each culvert markers;
 - (26) 370 lbs copper strips;
 - (27) 10 each monuments;
 - (28) 1 lot remove and dispose of existing bridge;
 - (29) 1 lot misc. items of work.

- Alternate Cribbing Items
ALTERNATE "A"
- (30) 408 each 6-in. by 6-in. by 6-ft 0-in. metal headers;
 - (31) 19 each 6-in. by 6-in. by 8-ft 0-in. metal headers;
 - (32) 84 each 6-in. by 6-in. by 8-ft 0-in. metal step back headers;
 - (33) 967 each 6-in. by 8-in. by 6-ft 0-in. metal stretchers;
 - (34) 407 each metal header caps;
 - (35) 19 each metal header spacers;
 - (36) 53 each metal header inserts;
 - (37) 544 each metal stretcher inserts;
 - (38) 50 each metal stretcher caps;

- ALTERNATE "B"
- (39) 172 each 5-in. by 8-in. by 6-ft 0-in. reinf. conc. headers;
 - (40) 357 each 5-in. by 10-in. by 6-ft 0-in. reinf. conc. headers;
 - (41) 84 each 5-in. by 10-in. by 8-ft 0-in. reinf. conc. headers;
 - (42) 665 each 6-in. by 6-in. by 6-ft 0-in. reinf. conc. stretchers;
 - (43) 448 each 6-in. by 8-in. by 6-ft 0-in. reinf. conc. stretchers;
 - (44) 80 each 6-in. by 10-in. by 6-ft 0-in. reinf. conc. stretchers;
 - (45) 40 each 10-in. by 6-in. by 10-in. concrete filler blocks.

NOTE: A bidder is required to submit a bid on either Alt. A or Alt. B of the cribbing items and may, but is not required, to submit bids on both alternatives.

- Total bids follow:
(A) Geo. Pollock Co., P. O. Box 903, Sacramento, sub total \$107,253.23, Alt. "A" \$117,584.85.
(B) A. Soda and Son, Oakland, Alt. "A" \$125,231.84.
(C) John Rocca, San Rafael, Sub total \$120,817.45; Alt. A \$129,273.35; Alt. B \$127,501.95.
(D) Johnston Rock Co., Stockton, sub total \$122,475; Alt. A \$131,060.25; Alt. B \$130,944.
(E) B. A. Howkina & Co., S. F., sub total \$140,142.53; Alt. B \$148,226.13.
(E) B. A. Howkins & Co., S. F., sub total \$140,142.53; Alt. B \$148,226.13.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	3000.00	1500.00	2000.00	3500.00	4150.00
(2)	1.50	1.25	1.20	1.25	1.25
(3)	.30	.40	.33	.30	.65
(4)	1.50	1.00	5.20	2.50	3.50
(5)	.02	.01	.01	.01	.02
(6)	.40	.40	.40	.40	.85
(7)	10.00	10.00	5.00	10.00	10.00
(8)	1.50	.80	1.00	3.00	2.00
(9)	3.00	3.00	3.00	4.00	4.00
(10)	20.00	25.00	30.00	30.00	18.00
(11)	30.00	25.00	30.00	25.00	30.00
(12)	30.00	25.00	30.00	25.00	30.00
(13)	5.00	5.00	3.00	4.00	4.00
(14)	40.00	25.00	30.00	30.00	30.00
(15)	.045	.05	.055	.05	.045
(16)	15.00	20.00	22.50	25.00	13.23
(17)	25.00	25.00	26.50	27.50	30.00
(18)	.0725	.065	.08	.0775	.08
(19)	2.00	2.00	2.00	2.00	1.80
(20)	30.00	50.00	70.00	35.00	50.00
(21)	10.00	10.00	10.00	18.00	14.00
(22)	2.25	2.25	2.25	2.25	3.00
(23)	1.00	2.00	1.00	1.00	1.50
(24)	1.25	2.00	1.10	1.25	1.25
(25)	3.00	3.00	3.00	3.00	3.00
(26)	1.50	.60	.75	1.50	.70
(27)	4.00	3.00	3.00	3.00	3.00
(28)	500.00	1000.00	950.00	1500.00	300.00
(29)	1500.00	2230.94	800.00	2250.00	2500.00

ALTERNATE "A"

(20)	7.00	7.00	8.00	6.00	—
(21)	7.00	10.00	8.00	7.00	—
(22)	7.00	10.00	6.50	8.00	—
(23)	7.00	6.00	4.80	5.50	—
(24)	.30	.20	.20	.50	—
(25)	2.00	2.00	1.00	2.00	—
(26)	1.50	1.00	.60	1.25	—
(27)	1.50	1.00	.65	1.50	—
(28)	.30	.20	.20	.50	—

and storm drains at the Naval Operating Base (Marine Corps Base and Training Station), San Diego.

The sewer and drain line additions and extension included in the work consists of: (a) 54-inch, 42-inch and 66-inch concrete pipe in land excavation and founded on timber sleepers with concrete backfill; (b) 30-inch, 36-inch and 66-inch concrete pipe founded on crosstied timber pile bents and stringers and extending over water and marsh land; and (c) concrete and brick bellmouth curved conduit sections, manholes, storm water inlet and appurtenances.

Plans and specifications may be obtained from the above office upon the deposit of \$10. * 32

BIDS OPENED

SAN FRANCISCO.—Martin Murphy, 734 Santa Fe Ave., Albany, at \$1,235.90 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.P.D. 183, for laying of 4-inch and 8-inch cast iron mains in Mt. Vernon and Shawnee Avenues, San Francisco.

Work involves:
 (1) 450 lin. ft. excavation and backfill for 4-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep.
 (2) 20 cu. yds. additional excavation;
 (3) No item 3.

(4) Installing pipe:
 (a) 220 lin. ft. 4-inch bell and spigot cast iron pipe;
 (b) 230 lin. ft. 6-inch bell and spigot cast iron pipe.

(5) 1,100 lbs. installing of fittings, gate valves, etc.;
 (6) 60 lin. ft. bell and spigot joints;
 (7) Repavement: 100 sq. ft. of street pavement;

(8) 33 1/2-inch screw taps installed;
 (9) 490 lin. ft. 3/4-inch copper service pipe installed;

(10) Furnishing cast iron bell and spigot pipe, Class 150;
 (a) 220 lin. ft. 4-inch pipe at \$0.48 per lin. ft.
 (b) 230 lin. ft. 8-inch pipe at \$1.00 per lin. ft.

(11) Furnishing bell end gates valves:
 (a) 1 four-inch valve at \$12.00 each.
 (b) 1 three-inch valve at \$12.00 each.

(12) Furnishing 1,000 lbs bell and spigot cast iron fittings at \$0.06 per lb.
 (13) 100 lbs. steel band and bolts at \$0.05 per lb.

(14) 490 lin. ft. 3/4-inch copper service pipe at \$0.17 per lin. ft.
 (15) Lump sum—furnishing 3/4-inch fittings for services at \$60.00.

(16) Lump sum—engineering, supervision and inspection at \$168.
 (17) Connections at \$113.

Total bids follow:
 (A) Martin Murphy, 734 Santa Fe Ave., Albany, \$1,235.90.
 (B) E. J. Treacy, S. F., \$1,254.40.
 (C) W. J. Tobin, Oakland, \$1,316.30.
 (D) S. F. Water Dept., \$1,550.05.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) .....	.30	.72	.40	.90
(2) .....	.50	.50	.50	1.00
(3) .....	.....	.....	.....	.....
(4a) .....	.10	.10	.05	.05
(4b) .....	.10	.10	.08	.08
(5) .....	.02	.03	.03	.02
(6) .....	.40	.30	.30	.45
(7) .....	.20	.20	.25	.26
(8)	1.00	1.00	1.50	.75
(9) .....	.20	.25	.25	.30
(10a) .....	.48	.48	.48	.48
(10b)	1.00	1.00	1.00	1.00
(11a)	12.00	12.00	12.00	12.00
(11b)	12.00	12.00	12.00	12.00
(12) .....	.06	.06	.06	.06
(13) .....	.05	.05	.05	.05
(14) .....	.17	.17	.17	.17
(15)	60.00	60.00	60.00	60.00
(16)	168.00	168.00	168.00	168.00
(17)	113.00	113.00	113.00	113.00

ALTERNATE "B"

(39)	4.00	4.00	4.80
(40)	4.00	5.00	6.00
(41)	6.00	6.50	7.00
(42)	4.50	4.00	3.50
(43)	4.00	5.00	4.00
(44)	3.00	6.00	5.00
(45)	1.00	1.75	1.00

LOS ANGELES CO.—PAVING—(STATE)

LOS ANGELES COUNTY, Calif.—Match Brothers, Elsinore, at \$106,799.00, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 3.7 miles to be paved with Portland cement concrete, plant-mix surfacing and asphalt concrete on Sepulveda Blvd. bet. San Fernando Road and Brand Blvd. (VII-LA-158-LA) Los Angeles County.

Work involves:
 (1) 1,300 M. gals. water;
 (2) 100 cu. y. remove concrete;
 (3) 50 c.y. struc. excav.;
 (4) 2,000 c.y. ditch and channel excavation;

(5) 1,300 c.y. imported borrow.
 (6) 50,300 sq. yds. prepare subgrade
 (7) 195 sta. finish rdwy.;
 (8) 1,400 sq. yds. asph. paint binder
 (9) 4,000 tons min. agg. plant mix surf.;

(10) 210 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;

(11) 61 tons liq. asph. SC-2 prime coat;

(12) 37,000 sq. yds. preparing, mixing and shaping shoulders;

(13) 450 tons liq. asph. SC-2 shoulders

(14) 2,900 tons asph. conc.;
 (15) 9,050 c.y. Class B Portland ce-

ment Conc. pavement;
 (16) 17,000 each pave. dowels;
 (17) 34,000 lbs. bar reinf. steel pave and struc.;

(18) 1 c.y. Class A Portland cement concrete struc.;

(19) 1,900 sq. yds. mesh reinf.;
 (20) 210 c.y. Class A Portland cement slope pave.;

(21) 80 lf. 24-in. CMP;
 (22) 2 each culvert markers;
 (23) 250 each guide posts.

Total bids follow:

(A) Match Bros., Elsinore, \$106,799.
 (B) Griffith Co., Los Angeles, \$107,256.20.

(C) Geo. R. Curtis Paving Co., Los Angeles, \$108,056.25.

(D) Gogo & Rados, Los Angeles, \$109,209.00.

(E) Vido Kovacevich, South Gate, \$110,424.50.

(F) J. E. Haddock, Ltd., Pasadena, \$112,193.50.

(G) C. O. Sparks & Mundo Engr. Co., Los Angeles, \$113,848.50.

(H) Oswald Bros., Los Angeles, \$114,927.50.

(I) United Concrete Pipe Corp., Los Angeles, \$115,067.00.

(J) Gibbons & Reed Co., Burbank, \$122,948.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$1.00	\$.90	\$.60	\$.60	\$1.00	\$1.65	\$1.25	\$.75	\$1.00	\$1.25
(2)	2.25	1.70	2.25	2.50	3.00	2.00	2.00	3.00	2.00	2.50
(3) .....	.90	1.50	1.00	1.00	1.00	1.25	1.50	1.75	1.00	1.00
(4) .....	.90	.54	.50	.60	.90	.80	.60	.30	.30	.40
(5)	1.00	.60	.50	.80	.50	.50	.80	1.00	.50	.50
(6) .....	.13	.08	.145	.10	.09	.10	.12	.10	.12	.12
(7)	2.00	3.00	4.00	8.00	5.00	4.0	5.00	8.00	8.00	6.00
(8) .....	.05	.02	.03	.03	.02	.03	.04	.02	.02	.02
(9)	2.08	2.20	1.46	1.80	2.00	2.20	2.35	2.40	2.70	2.20
(10)	8.10	9.00	7.80	7.50	9.00	8.75	9.50	8.00	8.00	10.00
(11)	8.00	5.20	11.25	15.00	8.00	9.50	9.00	10.00	14.00	15.00
(12) .....	.07	.06	.044	.06	.06	.06	.06	.055	.08	.07
(13)	5.50	5.20	7.00	7.50	8.00	6.50	7.50	6.50	7.00	8.00
(14)	2.50	3.70	2.77	2.90	3.00	3.25	3.65	3.20	3.60	3.10
(15)	7.05	7.20	7.54	7.48	7.45	7.55	7.65	7.70	7.50	8.50
(16) .....	.11	.11	.135	.12	.12	.115	.13	.12	.12	.13
(17) .....	.07	.055	.078	.06	.07	.07	.06	.065	.06	.058
(18)	28.00	30.00	30.00	25.00	30.00	50.00	50.00	30.00	25.00	20.00
(19) .....	.20	.20	.17	.16	.20	.16	.25	.15	.25	.18
(20)	14.00	14.00	9.00	12.00	14.00	10.00	12.00	14.00	11.00	15.00
(21)	2.50	2.70	2.85	2.30	2.50	2.65	3.00	2.70	3.00	2.75
(22)	2.25	3.00	2.75	2.50	2.00	3.00	3.00	2.50	5.00	2.50
(23)	2.00	2.30	2.40	3.00	2.00	2.25	3.00	2.20	3.00	2.00

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until Aug. 12, 7 P. M., bids will be received by the Kern County Union High School District, Bakersfield, for the construction of sewer lines from the East Bakersfield High Sch. Bldg. and from the Kern Co. General Hospital to the city disposal plant, in accordance with plans and spec. on file at the office of R. E. White, 7617 20th St., Bakersfield. Copies may be obtained upon deposit of \$10 per set, returnable. Certified or cashier's check or bond for 10% must accompany each proposal. C. F. Moore, Clerk. * 32

BIDS OPENED

SAN FRANCISCO.—W. J. Tobin, 1701 Balfour Ave., Oakland, at \$2,846.50 submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, for construction of sewers in Athens St. between Feru Ave. and Maddison St. Est. cost, \$2,950.

Work involves:
 (1) 702 lf. 8-inch VCP sewer;
 (2) 52 8-x6-in. VCP Y branches;
 (3) 4 brick manholes;
 (4) 150 lf. 6-in. VCP side sewers.

Total bids follow:
 (A) W. J. Tobin, 3701 Balfour Ave., Oakland, \$2,846.50.

(B) Chas. L. Farney, S. F., \$2,856.00.

(C) West Constr. Co., S. F., \$3,862.00.

Unit prices follow:

	(A)	(B)	(C)
(1)	3.00	2.50	4.00
(2)	1.50	3.00	2.00
(3)	100.00	150.00	125.00
(4)	1.75	2.30	3.00

BONDS VOTED

SACRAMENTO, Cal.—The City of Sacramento voted bonds August 2 in the amount of \$390,000 to finance improvements of the sewer system. * 32

BIDS OPENED

SAN FRANCISCO.—The Fay Improvement Co., 760 Market Street, San Francisco, at \$7,068.40 submitted low bid to the San Francisco Department of Public Works, Room 251 City Hall, for improving Silver Ave. from Scolia Ave. to a point 545 feet easterly by constructing a sewer. Estimated cost, \$7,500.

Work involves:

- (1) 995 lf. Unarmored conc. curb;
- (2) 117 lf. 12-in. VCP sewer;
- (3) 34 lf. 8-in. VCP sewer;
- (4) 1 brick catchbasin, complete;
- (5) 23 lf. 10-in. VCP culvert;
- (6) 140 lf. 6-in. VCP side sewers;
- (7) 23,800 sq. ft. asphaltic conc. pavement, consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surf.
- (8) 3,500 sq. ft. two-course concrete sidewalk;
- (9) 8 water services;
- (10) one 12x6-inch VCP T branch in place.

Total bids follow:

- (A) The Fay Improvement Co., 760 Market St., S. F., \$7,068.40.
- (B) M. J. Lynch, \$7,741.60.
- (C) West Const. Co., \$7,956.50.
- (D) Chas. L. Harney, \$8,233.10.
- (E) Eaton & Smith, \$9,178.35.
- (F) E. J. Treacy, \$9,410.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$52	60	70	\$65	\$75	1.00
(2)	2.50	2.50	2.50	2.15	1.65	2.50
(3)	2.50	1.75	1.50	1.50	1.65	2.00
(4)	95.00	100.00	100.00	115.00	117.00	100.00
(5)	2.00	1.50	1.50	1.60	1.65	2.00
(6)	1.60	1.00	1.00	1.15	1.25	1.00
(7)	.22	.25	.255	.26	.30	.295
(8)	14	14	14	20	18	20
(9)	10.00	10.00	10.00	10.00	10.00	10.00
(10)	2.50	4.00	3.00	3.00	3.00	2.40

BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Until August 8, 3 P. M., bids will be received by the South San Francisco City Council, Daniel McSweeney, City Clerk, for the construction of sanitary sewers in the City Park Addition in the City of South San Francisco.

Plans and specifications may be obtained at the office of George A. Kneese, City Engineer, 2382 Broadway, Redwood City. * 32

33— WATER WORKS

August 4, 1938

BONDS VOTED

SACRAMENTO, Cal.—The City of Sacramento voted bonds August in the amount of \$201,000 to finance improvements to the water system. * 33

34— PARKS AND PLAY GROUNDS

BIDS WANTED

MONTREY, Calif.—Until August 23, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for seeding and planting the grounds of the U. S. P. O., at Monterey.

Drawings and specifications may be obtained at the above office and from the Custodian of the Bldg. at Monterey. * 34

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Until August 2, 7:30 P. M., bids will be received by W. P. M. Hilton, Clerk, Sequoia Union High School District, Redwood City, for furnishing 2-in. 5-ft. chain link steel fence.

Specifications may be obtained in the Principal's office. * 34

MENDOCINO COUNTY—BRIDGE CONSTR.—(STATE)

MENDOCINO COUNTY, Calif.—F. J. Maurer & Son, Inc., 3031 E Street, Eureka, at \$47,799.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., San Francisco, for construction of a reinf. concrete box girder bridge across South Eel river about nine miles northeast of Longvale, consisting of one 95-ft. 0-in. span, two 51-ft. 6-in. spans, and two 28-ft. 0-in. cantilever spans on concrete piers and for grading about 0.23 mile of approach roadway (I-Men-Feeder Road) Mendocino Co.

Work involves:

- (1) 1 lot clear and grub;
- (2) 130 M. gals. water;
- (3) 19,000 c.y. rdwy. excav.;
- (4) 150 c.y. ditch and channel excav.;
- (5) 1,000 c.y. struc. excav.;
- (6) 3,800 c.y. rock fill;
- (7) 198,000 lbs. bar reinf. steel;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$1750.00	\$175.00	\$1000.00	\$525.00	\$300.00	\$500.00
(2)	1.50	1.00	2.00	2.00	1.50	2.00
(3)	.50	.53	.94	.60	.83	.70
(4)	1.50	3.00	3.00	1.75	1.60	1.00
(5)	3.00	3.00	3.65	3.50	2.60	2.00
(6)	1.00	1.00	.92	3.25	1.75	1.00
(7)	.044	.05	.0479	.048	.06	.10
(8)	25.00	29.50	30.00	30.75	35.00	73.00
(9)	.17	.25	.20	.21	.20	.40
(10)	2.00	1.50	1.50	1.50	1.50	3.00
(11)	1.50	3.00	1.50	3.00	2.00	4.00
(12)	1.00	1.00	1.75	2.50	1.00	2.00
(13)	1.00	.30	2.50	2.00	1.50	1.00
(14)	1000.00	528.00	1000.00	1000.00	930.00	2800.00

SAN FRANCISCO—STREET IMPROVEMENT—(CITY)

SAN FRANCISCO. — The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$1,176.00 submitted low bid to the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19170, for the improvement of the intersection of Masonic Avenue and Loma Vista Terrace and Upper Terrace. Est. cost, \$1,320.

Work involves:

- (1) 2,200 sq. ft. asphaltic wearing surface removed;
- (2) 180 lf. armored concrete curb;
- (3) 2 Brick catchbasins moved and reconstructed;
- (4) 3 street and traffic signs reset;
- (5) 60 tons asphaltic concrete wear-

- (8) 655 c.y. Class A Portland cement conc. struc.;
- (9) 5,080 lbs. misc. iron and steel;
- (10) 696 lf. timber rail;
- (11) 24 lf. 18-in. CMP culverts;
- (12) 40 lf. remove, clean and relay CMP culverts;
- (13) 660 lf. drill and grout anchor dowels;
- (14) 1 lot misc. items of work.

Total bids follow:

- (A) Fred J. Maurer & Son, Inc., 3031 E St., Eureka, \$47,799.00.
- (B) A. H. Siemer and John Carcano, San Rafael, \$49,999.50.
- (C) Bennett & Taylor, Los Angeles, \$60,666.20.
- (D) Cambell Const. Co., Sacramento, \$62,545.55.
- (E) Robert McCarthy, San Francisco, \$64,625.00.
- (F) E. A. Howkins & Co., San Francisco, \$95,381.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	1.50	1.00	2.00	2.00	1.50	2.00
(2)	.50	.53	.94	.60	.83	.70
(3)	1.50	3.00	3.00	1.75	1.60	1.00
(4)	3.00	3.00	3.65	3.50	2.60	2.00
(5)	1.00	1.00	.92	3.25	1.75	1.00
(6)	.044	.05	.0479	.048	.06	.10
(7)	25.00	29.50	30.00	30.75	35.00	73.00
(8)	.17	.25	.20	.21	.20	.40
(9)	2.00	1.50	1.50	1.50	1.50	3.00
(10)	1.50	3.00	1.50	3.00	2.00	4.00
(11)	1.00	1.00	1.75	2.50	1.00	2.00
(12)	1.00	.30	2.50	2.00	1.50	1.00
(13)	1000.00	528.00	1000.00	1000.00	930.00	2800.00

SAN FRANCISCO—STREET IMPROVEMENT—(CITY)

SAN FRANCISCO. — The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$1,176.00 submitted low bid to the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19170, for the improvement of the intersection of Masonic Avenue and Loma Vista Terrace and Upper Terrace. Est. cost, \$1,320.

Work involves:

- (1) 2,200 sq. ft. asphaltic wearing surface removed;
- (2) 180 lf. armored concrete curb;
- (3) 2 Brick catchbasins moved and reconstructed;
- (4) 3 street and traffic signs reset;
- (5) 60 tons asphaltic concrete wear-

- ing surface;
- (6) 1,400 sq. ft. 6-in. Class F concrete paving base;
- (7) 900 sq. ft. 2-course conc. sidewalk.

Total bids follow:

- (A) The Lowrie Paving Co., Inc., 1540 16th St., \$1,176.00.
- (B) Eaton & Smith, \$1,187.00.
- (C) J. J. Gartland, \$1,209.00.
- (D) West Construction Co., \$1,271.00.
- (E) E. J. Treacy, \$1,280.50.
- (F) The Fay Improvement Co., \$1,549.20.
- (G) Chas. L. Harney, \$1,578.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	.03	\$.04	\$.06	.12	\$.06	\$.06	\$.07
(2)	1.00	.90	1.25	.90	1.00	.55	.90
(3)	60.00	70.00	50.00	100.00	61.50	83.00	100.00
(4)	5.00	10.00	5.00	10.00	2.50	3.00	6.00
(5)	4.30	5.00	5.00	4.00	4.50	6.30	7.00
(6)	.30	.25	.235	.18	.29	.418	.38
(7)	.13	.13	.12	.14	.18	.14	.14

PETALUMA—STORM DRAIN—(CITY)

PETALUMA, Sonoma Co., Calif.—Manuel Smith, 588 22nd St., Oakland, at \$19,512.50 (Schedule 2) submitted low bid and was tentatively awarded the contract by the Petaluma City Council, Gladys V. Rogers, City Clerk, City Hall, for construction of Unit "D", Mountain View Ave. storm drain line, Municipal Sewage Disposal Proj., Petaluma.

SCHEDULE 1—Concrete Pipe

- (1) 4950 lf. 30-in. reinf. concrete pipe storm drain line;
- (2) Lump sum: drain inlet, structures and junctions existing 3rd St., culverts;
- (3) 11 standard brick catchbasins, main drain line;
- (4) 4050 lf. Monel curb and gutter complete;
- (5) 3,600 sq. yds. macadam pavement

- St., culverts;
- (3) 6 standard brick catchbasins, main drain line;
- (4) 5 standard catchbasins with latrines;
- (5) 4050 lf. Monel curb and gutter, complete;
- (6) 3,600 sq. yds. macadam pavement
- (7) Total for Sched. 2—corrugated iron pipe.

Total bids follow:

- (A) Manuel Smith, 588 22nd Street, Oakland, Sch. 2: \$19,512.50.
- (B) Oakland Sewer Const. Co., Oakland, Sch. 1: \$21,089; Sch. 2, \$20,848.75.
- (C) Lee J. Immel, Berkeley, Sch. 2: \$21,565.
- (D) A. S. Sida & Son, Oakland, Sch. 2: \$21,736.00.
- (E) E. J. Treacy, San Francisco, Sch. 2: \$23,342.00.
- (F) W. J. Tobin, Oakland, Sch. 2: \$23,927.00.
- (G) C. D. Dudley DeVelbiss, Oakland, Sch. 1, \$29,499.50; Sched. 2, \$23,093.25.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)
SCHEDULE 1						
(1)	\$15,916.50					\$24,900.00
(2)	250.00					200.00
(3)	825.00					990.00
(4)	2,916.00					3,037.50
(5)	1,182.00					972.00
(6)	21,089.00					29,499.50
SCHEDULE 11						
(1)	11,947.50	15,450.00	15,187.50	14,175.00	14,843.25	16,200.00
(2)	100.00	250.00		921.84	650.00	800.00
(3)	330.00	450.00	630.00	600.00	720.00	540.00
(4)	250.00	600.00	865.00	1,000.00	1,500.00	90.00
(5)	3,645.00	2,916.00	3,442.50	3,240.00	3,037.50	2,835.00
(6)	3,240.00	1,182.00	1,440.00	1,500.00	2,592.00	2,592.00
(7)	19,512.50	20,848.75	21,565.00	21,736.00	23,342.00	23,992.25

ORANGE COUNTY—BRIDGE REPAIRS—(STATE)

ORANGE CO., Cal.—G. E. Kerns, 3712 Gaviota Ave., Long Beach, at \$40,736 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engr., State Bldg., Los Angeles, for repairing a reinf. concrete continuous girder bridge across Santa Ana River about two miles north of Newport Beach (VII-ORA-60-A), Orange County, Calif.

- Work involves:
- (1) 1 lot remove and dispose of temporary detour and bridge.
 - (2) 850 cu. yds. remove and dispose of exist. conc.
 - (3) 200 cu. yds. struct. excav.
 - (4) 131,000 lbs. bar reinf. steel.
 - (5) 92 cu. yds. class A port. cem. conc. footing blocks.
 - (6) 680 cu. yds. class A port. cem. conc. struct.

(A)	(B)	(C)	(D)	(E)
(1)	\$ 500.00	\$2500.00	\$1500.00	\$2200.00
(2)	9.00	8.00	10.00	10.00
(3)	19.00	55.00	30.00	3.50
(4)	.04	.0525	.05	.053
(5)	12.00	15.50	15.00	18.00
(6)	16.00	26.50	25.00	51.50
(7)	40.00	60.00	70.00	90.00
(8)	2.80	2.75	3.50	5.00
(9)	75.00	45.00	125.00	70.00
(10)	.15	.143	.15	.20
(11)	900.00	700.00	3660.00	2000.00

ORANGE COUNTY, Calif.—A. L. Gabrielson, 3657 Van Buren Street, Arlington, at \$18,193.23 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for repairing a bridge across San Juan Creek, about eleven miles east of San Juan Capistrano (VII-ORA-64-B) and approaches to be graded and surfaced with plant mixed surfacing, Orange County, Calif.

- Work involves:
- (1) 1 lot remove and dispose of exist. pier and debris.
 - (2) 1 lot remove detour.
 - (3) 120 M gals. water.
 - (4) 750 cu. yds. struct. excav.
 - (5) 1250 cu. yds. import borrow.
 - (6) 0.3 ton liq. asph. SC-2 prime coat.
 - (7) 43 tons min. egg plant mix surf.
 - (8) 2.5 tons liq. asph SC-4 plant mix surf.
 - (9) 37,000 lbs. bar reinf. steel.
 - (10) 121 cu. yds. class A port. cem. conc. footing blocks.

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$250.00	\$100.00	\$200.00	\$300.00	\$500.00	\$550.00	\$500.00	\$200.00
(2)	300.00	125.00	250.00	250.00	100.00	200.00	400.00	600.00
(3)	1.50	.50	1.50	1.50	1.00	1.00	.70	3.00
(4)	1.50	2.00	5.00	3.00	5.00	4.00	2.00	3.20
(5)	.65	.45	.60	.75	.60	.80	.70	1.00
(6)	100.00	15.00	20.00	30.00	30.00	30.00	50.00	100.00
(7)	5.50	4.50	4.00	3.50	3.00	5.00	5.00	5.50
(8)	8.25	12.50	15.00	20.00	20.00	30.00	12.00	15.00
(9)	.045	.055	.045	.053	.045	.07	.05	.05
(10)	17.00	14.50	10.00	20.00	16.00	19.65	12.00	14.00
(11)	17.00	17.50	18.00	20.00	20.00	18.97	29.00	25.00
(12)	.0715	.073	.07	.06	.07	.065	.07	.07
(13)	.10	.14	.14	.15	.20	.06	.08	.15
(14)	1.06	1.65	1.50	2.00	1.75	2.09	2.00	1.50
(15)	172.00	700.00	500.00	350.00	400.00	500.00	800.00	3375.00

- (7) 12 cu. yds. class A port cem conc railing.
 - (8) 1,890 lin. ft. furn precast conc. piles include test piles.
 - (9) 54 each drive precast conc. piles include test piles.
 - (10) 5600 lbs. misc. iron and steel.
 - (11) 1 lot misc. items of work.
- Total bids follow:
- (A) G. E. Kerns, 3712 Gaviota Ave., Long Beach, \$40,736.00.
 - (B) Robertson Co., Los Angeles, \$56,483.00.
 - (C) Byerts & Dunn, Los Angeles, \$59,635.00.
 - (D) Contracting Engineers Co., Los Angeles, \$72,449.00.
 - (E) W. E. Robertson, Los Angeles, \$55,910.00.

- Unit prices follow:
- (1) 270 cu. yds. class A port cem. conc. structures.
 - (2) 86,000 lbs. struct. steel.
 - (3) 3300 lbs. misc. iron and steel.
 - (4) 260 lin. ft. timber railing.
 - (5) 1 lot misc. items of work.
- Total bids follow:
- (A) A. L. Gabrielson, 3657 Van Buren St., Arlington, \$18,193.23.
 - (B) Gibbons & Reed Co., Burbank, \$18,960.25.
 - (C) Macco Const. Co., Clearwater, \$20,452.50.
 - (D) W. E. Robertson, Los Angeles, \$20,507.00.
 - (E) E. S. and N. S. Johnson, Pasadena, \$21,944.00.
 - (F) Paul D. Lawrence Const. Co., Los Angeles, \$22,061.15.
 - (G) Dimmitt & Taylor, Los Angeles, \$22,355.00.
 - (H) Byerts and Dunn, Los Angeles, \$25,448.50.
 - (I) Contracting Engineers Co., Los Angeles, \$26,674.00.

- Unit prices follow:
- (1) 270 cu. yds. class A port cem. conc. structures.
 - (2) 86,000 lbs. struct. steel.
 - (3) 3300 lbs. misc. iron and steel.
 - (4) 260 lin. ft. timber railing.
 - (5) 1 lot misc. items of work.

BIDS WANTED

MAYWOOD, Los Angeles Co., Cal.—Bids are now being received by the Custodian of the building for landscape work at the U.S.P.O. at Maywood. 34

ALAMEDA COUNTY PERMITS UNDER \$1000

- RE-ROOF, \$190; 2001 Francisco St., Berkeley; owner, H. G. Lybeck, 2001 Francisco; contractor, Vulcan Roofing Co.
- RE-ROOF, \$140; 1405 Hearst, Berkeley; owner, Nellie E. Thore, premises; contractor Crown Roof Co., 1911 E 12th St., Oakland.
- RE-ROOF, \$125; 1797 Solano, Berkeley; owner, Geo. Friend, prem.; contractor, Guy Tyler & Sons, 1502 Cedar St.
- RE-ROOF, \$95; 809 Delaware, Berkeley; owner, Mrs. Gentys, 2915 Grove; contractor, Guy Tyler & Sons, 1502 Cedar St.
- ALTERATIONS, \$350; 2701 Shattuck Ave., Berkeley; owner, Evelyn M. White, 730 Stockton St., S. F.; contractor, L. E. Alley, 1621 Encinal Ave., Alameda.
- ADDITION, \$12; 3526 San Leandro Blvd., Oakland; owner, I. D. Silvestro, premises.
- REPAIRS, \$400; 969 7th St., Oakland; owner, Frank J. Gleiss, 1327 Holman Rd., contractor, N. Tribuzio, 7518 Weld.
- ROOF porch, \$100; 7570 Circle Hill Dr., Oakland; owner, J. Leeflang, 7570 Circle Hill Dr.; contractor, John J. Leeflang, 2407 Bartlett.
- ADDITION, \$225; 533 31st St., Oakland; owner, Mary D. Wilkins, 3100 Telegraph Ave.
- PLASTER outside, \$175; 1123 12th Ave., Oakland; owner, Paul F. Von Bitaky, premises; contractor, Johnson & Johnson, 619 E 10th St.
- GARAGE, private, \$300; 3272 Wyman St., Oakland; owner, L. C. Kircher, premises.
- GARAGE, private, \$350; 1600 45th Avenue, Oakland; owner, W. L. Howell, 1600 45th Ave.
- REPAIRS, \$100; 5107 Clark Street, Oakland; owner, Mrs. Matson, premises; contractor, D. McKenzie, 2222 9th Ave.
- ALTERATIONS, \$800.00; 5700 Nottingham Dr., Oakland; owner, E. A. Mervin, premises.
- SIGN, metal, \$25; 5809 San Pablo Ave., Oakland; owner, Santa Rosa Cafe, premises; contractor, W. B. O'Brien Sign Co., 2324 Santa Clara Ave., Alameda.
- SIGN, metal, \$15; 2323 8th Ave., Oakland; owner, Borden's Creamery; contractor, Bobs Sign Service, 597 19th St.
- SIGN, metal, \$10; 225 8th Ave., Oakland; owner, Borden's Creamery; contractor, Bobs Sign Service, 597 19th St.
- SIGN, metal, \$15; 3721 Hopkins, Oakland; owner, Borden's Creamery; contractor, Bobs Sign Service, 597 19th St.
- SIGN, metal, \$15; 5010 Telegraph, Oakland; owner, Durham Farm Creamery; contractor, Bobs Sign Service, 597 19th St.
- SIGN, cloth, \$25; 727 Market Street, Oakland; owner, Star Co.; contractor, Acme Sign Co., 597 19th St.
- SIGN, metal, \$22; 1329 San Pablo Avenue, Oakland; owner, Polar Furniture Co., premises; contractor, Acme Sign Shop, 597 19th St.
- SIGN, wood, \$150; 4090 E 14th St., Oakland; owner, J. J. Moore; contractor, Bibe Sign Co., 1701 University Ave., Berkeley.
- SIGN, metal, \$24; 3632 Park Blvd., Oakland; owner, Sadie's Perma-

ment Wave Shop, prem.; contractor, J. F. Barnes, 5236 Closeman Ave.

GARAGE, 1-story, \$150; 2130 Woolsey St., Oakland; owner and contractor, Cora H. Cardwell, 2130 Woolsey St.

SIGN, metal, \$7; 3831 Grove Street, Oakland; owner and contractor, Emery H. Vezina, premises.

SIGNS, electric, one \$600; one \$60; 422 11th St., Oakland; owner, Silvers, Inc.; contractor, Electric Prod. Corp., 950 30th St.

SIGN, electric, \$110; 3249 Lakeshore Ave., Oakland; owner, Kents Chicken Shop, contractor, Elec. Prod. Corp., 950 30th St.

SIGN, cloth, \$25; 442 17th St., Oakland; owner, Dockweiler for Governor, Inc., premises; contractor, Real Estate Sign Co., Berkeley.

SIGNS, two metal, \$10 ea.; 150 12th St., Oakland; owner and contractor, Robt. De Andre.

ADDITION, \$500; 742 Adams, Alameda; owner and builder, J. M. Mazonia, 742 Adams.

GARAGE, \$200; 2356 107th Ave., Oakland; owner and builder, 8115 Foothill Blvd.

RE-ROOF, \$110; 2721 Brookdale Ave., Oakland; owner, H. P. Bray, 2721 Brookdale Ave.; contractor, Crown Roof Co., 1911 E. 12th St.

RE-ROOF, \$125; 2615 Hopkins St., Oakland; owner, Paul Sampson,

2615 Hopkins St.; contractor, Crown Roof Co., 1911 East 12th St.

ADDITION, \$800; 2231 24th Ave., Oakland; owner and builder, William M. Mills, 2231 24th Ave.

ADDITION, \$150; 7106 Lockwood St., Oakland; owner, Roy Freiburg, 7106 Lockwood St.

ALTERATIONS, \$450; 4015 Woodruff Ave., Oakland; owner and builder, E. D. Wickenhauser, 4015 Woodruff Ave.

ALTERATIONS, \$175; 3893 Lyman Rd., Oakland; owner, Frank J. Behm, 3893 Lyman Rd.

SHED, \$40; 1519 48th Ave., Oakland; owner, Charles Fraga, 1519 48th Ave.

SIGNS (2) metal, \$5 each; 5226 E. 14th St., Oakland; owner and builder, D. Weiss, 5226 E. 14th St.

SIGN, electric, \$150; 476 9th Street, Oakland; owner, Mr. Zaidel; contractor, Imp. Elec. Sign Co., 2228 Myrtle St.

SIGN, electric, \$110; 618 14th Street, Oakland; owner, Mr. Zaidel; contractor, Imp. Elec. Sign Co., 2228 Myrtle St.

SIGN, metal, \$10; 467 19th St., Oakland; owner and builder, D. J. Geisler, 467 19th St. 1x6 Fuller paint.

ALTERATIONS, \$150; 1590 LeRoy, Berkeley; owner, ; contractor, J. C. Grantham, 1813 San Jose Ave., Alameda.

RE-ROOF, \$100; 1815 Grant, Berkeley; owner and contractor, W. C. Gylsworth, premises.

ALTERATIONS, \$650; 1078 Keith, Berkeley; owner, ; contractor, Gordon Smith, 1042 7th Ave., Oakland.



The
"BUILDER-WAY"
is the
"MODERN-WAY"
to
Buy and Sell
EQUIPMENT
For further information consult:
Daily Pacific Builder
465 TENTH ST. | OR | MARKET 7110
Stark-Rath Publ. Co.

SAN BERNARDINO COUNTY—BRIDGE CONSTR.—(STATE)

SAN BERNARDINO COUNTY, Calif.—Vinson & Pringle, 919 E Madison St., Phoenix, at \$67,903.24 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete girder bridge, consisting of six 6ft. 0-in. spans and two 20-ft. 0-in. cantilever spans at Santa Ana River, one mile east of Colton, San Bernardino County.

Work involves:

- (1) 3,000 c.y. struc. excav.;
- (2) 248,000 lbs. bar reinf. steel;
- (3) 1,420 c.y. of Class A Portland ce-

- ment concrete struc.;
- (4) 59 c.y. do for railing;
- (5) 132 MFBM treated Douglas fir timber;
- (6) 12,000 lf. furnish do fir piles;
- (7) 470 each drive do;
- (8) 1 lot misc. items of work.

Total bids follow:

- (A) Vinson & Pringle, 919 E Madison St., Phoenix, \$67,903.24.
- (B) Macco Const. Co., Clearwater, \$70,894.00.
- (C) Person & Hollingsworth Co., Los Angeles, \$74,688.00.
- (D) Oswald Bros., Los Angeles, \$78,935.00.

- (E) Gibbons & Reed Co., Burbank, \$81,679.00.
- (F) J. E. Haddock, Ltd., Pasadena, \$84,097.00.
- (G) United Concrete Pipe Corp., Los Angeles, \$85,302.00.
- (M) Mitty Bros. Const. Co., Los Angeles, \$85,610.00.
- (I) Byerts & Dunn, Los Angeles, \$86,340.00.
- (J) Dimmitt & Taylor, Los Angeles, \$89,996.00.
- (K) R. H. Travers, Los Angeles, \$92,380.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 1.36	\$ 3.00	\$ 3.10	\$ 1.00	\$ 2.90	\$ 1.85	\$ 1.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 4.75
(2)	.05	.043	.05	.05	.048	.045	.06	.05	.045	.05	.055
(3)	15.90	16.50	18.00	23.00	19.50	24.00	24.60	22.00	20.00	24.50	20.00
(4)	42.00	50.00	32.00	65.00	55.00	55.00	70.00	60.00	50.00	60.00	60.00
(5)	94.62	90.00	115.00	100.00	115.00	85.00	105.00	80.00	90.00	105.00	100.00
(6)	.70	.65	.50	.75	.68	.70	.65	.75	.60	.65	.65
(7)	12.42	11.00	10.00	12.00	15.00	18.60	15.00	21.00	15.00	17.00	25.00
(8)	480.00	1000.00	300.00	500.00	850.00	2800.00	1030.00	1200.00	9100.00	2100.00	1009.00

SAN FRANCISCO—PIPE RELOCATION—(CITY)

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco, at \$19,997.50 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. WD 182, for preliminary excavation and pipe relocation for the reconstruction of Calaveras Stillin Basin, Alameda County, Calif.

Work involves:

- (1) 30,000 c.y. excavation;
- (2) 2,000 c.y. bench excavation;
- (3) 1,000 c.y. pipe trench and structure excavation;
- (4) 500 lf. installing 36-inch diam-

- eter steel pipe furnished by the City.
- (5) 350 lf. removing and relaying of existing 36-inch diameter steel pipe;
- (6) 20 roundabout seams, fabricating bends in field;
- (7) 35 c.y. concrete work;
- (8) 2,000 lbs. reinforcing steel;
- (9) Lump sum—removing and relocating needle valve.

Total bids follow:

- (A) Sibley Grading & Teaming Co., Ltd., 165 Landers St., S.F., \$19,997.50.
- (B) Devincenzi & Haskins & S. H.

- Van Gelder, \$25,386.00.
- (C) Guerin Bros., \$25,040.00.
- (D) W. O. Tyson, Redwood City, \$32,407.50.
- (E) M. J. Lynch, S. F., \$32,445.00.
- (F) C. Dudley De Velbiss Co., Oakland, \$32,450.00.
- (G) MacDonald & Kahn Co., Ltd., S. F., \$35,457.50.
- (H) Williams Bros. & Haas Inc., S.F., \$36,805.00.
- (I) Heafey-Moore Co., Oakland, \$44,960.00.
- (J) Macco Constr. Co., Clearwater, \$45,100.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	.50	.68	.58	.78	.70	.95	.71	.99	1.13	1.15
(2)	.50	.53	.75	.78	1.50	1.50	1.85	.80	1.63	2.00
(3)	1.00	1.00	2.50	2.50	2.90	1.00	6.00	1.28	3.55	2.50
(4)	1.97	1.20	5.00	3.50	3.00	1.00	2.50	1.65	3.00	2.00
(5)	1.50	2.76	8.00	4.75	4.50	2.00	5.00	2.90	3.10	2.80
(6)	25.00	25.00	35.00	21.00	35.00	10.00	30.00	55.00	12.00	35.00
(7)	15.00	16.00	22.00	15.00	40.00	10.00	8.50	21.00	30.00	30.00
(8)	.10	.05	.06	.07	.06	.05	.05	.075	.10	.07
(9)	300.00	200.00	250.00	450.00	250.00	100.00	400.00	400.00	275.00	230.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

PANAMA CANAL.—Until August 11, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. Smith, Wash., D. C., under Schedule No. 3373, for furnishing misc. supplies and materials, including:

Pipe fittings, traps, basin plugs, steamhose couplings, railing fittings, valves, cocks, faucets, steel conduit and fittings, insulated cable, telephone cable, cord, copper wire, connecting wire, magnet wire, water heaters, electric air heaters, circuit breakers, steel cabinets and panelboards, switches, fuses, insulation (fibre and phenolic) copper splicing sleeves, and lighting globes; f.o.b. total and/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco, Calif.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until August 10, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland for furnishing supplies and materials, as follows:

BID NO. 6019: Vacuum arresters, switches and solder; fob Government Island.

BID NO. 6020: 20,000 feet ¼-in. guy strand; fob Government Island.

BID NO. 6021: 20,000 feet telephone wire; fob Government Island.

BID NO. 6022: Pole line hardware, including bolts, clamps, hooks, etc.; fob Government Island.

BID NO. 6023: 5,000 tree hooks; fob Government Island.

BID NO. 6024: 5,000 splicing sleeves; fob Government Island.

GOVERNMENT ISLAND, Calif.—Until Aug. 11, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

BID NO. 6026—500 doz. axe wedges; f.o.b. Government Island.

BID NO. 6027—50 doz. falling and splitting wedges; f.o.b. Government Island.

BID NO. 6028—Fluid and recharges for fire extinguishers; f.o.b. Government Island.

BID NO. 6029—Cotton and manila rope; f.o.b. Government Island.

BID NO. 6033—10,000 feet 1½-in. linen hose; f.o.b. Government Island.

BID NO. 6034—Axe handles; f.o.b. Government Island.

SAN FRANCISCO.—Until August 10, 2:00 P. M., bids will be received by the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., S. F., for rental of equipment, as follows:

BID NO. 1319—2 dump trucks rated capacity of 2½ tons, equipped with hydraulic-operated dump bodies of not less than 2½-cu. yds.; f.o.b. Santa Barbara.

BID NO. 1320—Three ½-ton pickup trucks of not less than 110-hp wheelbase, equipped with single rear wheels; f.o.b. Forest Service Warehouse, Del Rosa.

BID NO. 1321—Six dump trucks rated capacity of 2½ tons, equipped with hydraulic-operated dump bodies of not less than 2½-cu. yds.; f.o.b. Del Rosa.

VETERANS FACILITY

PALO ALTO, Calif.—Until August 10, 2:30 P. M., bids will be received by the Veterans Administration Facility, Wm. H. Radcliffe, Supv. Sept. of Construction, Palo Alto, under Bid No. 54-39-1, for furnishing metal base and fittings; f.o.b. Veterans Administration Facility, Reno, Nev.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until Aug. 16, 10 A. M., bids will be received by the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders hardware for Units 1 and 2 of Four Cottages for Patients; fob Eldridge, Calif.

Plans and specifications available from above office.

SACRAMENTO, Calif.—Until Aug. 16, 10 A. M., bids will be received by the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders hardware for Two Detention Cottages; fob Eldridge.

Plans and specifications available from above office.

SACRAMENTO, Calif.—Until Aug. 16, 10 A. M., bids will be received by the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builder hardware for Units 16, 18 and 20 of Five Ward Buildings; fob Spadra, Calif.

Plans and specifications available from above office.

SACRAMENTO, Calif.—Until Aug. 9, 10 A. M., bids will be received by the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders hardware for Female Custodial Group at Farm; fob Imola, Calif.

Plans and specifications available from above office.

WAR DEPARTMENT

FORT MASON, Calif.—Until Aug. 11, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-30, for furnishing charges for fire extinguishers, valve compound, fire extinguisher liquid, soldering paste, solution, metal polish, etc.; f.o.b. Fort Mason.

SACRAMENTO, Calif.—Until Aug. 9 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

BID NO. 1105-39-20—Hand saws, wrenches, files and galv. wire; f.o.b. Rio Vista.

BID NO. 1105-39-21—Bolts, nuts, screws, washer and steel; f. o. b. Rio Vista.

BID NO. 1105-39-22—Sheet packing, gaskets and pipe covering; f.o.b. Rio Vista.

BID NO. 1105-39-23—Valves, ells, and galv. pipe; f.o.b. Meridian.

FORT MASON, Cal.—Until August 10, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-27, for furnishing chairs, life buoys, lamp cord, cork fences, cable and wire, fuses, switches, friction tape, packing and washers; fob Dock No. 1, Fort Mason, S. F.

SACRAMENTO, Calif.—Until Aug. 10, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-28, for furnishing of the following equipment for use on levee and misc. work between Colusa and Moulton Weir along the easterly side of the Sacramento River, Calif.

(1) One water truck equipped with 1,000 gallons (or larger) water tank and road sprinkling device for 45 days.

(2) 1 rooter or ripper, LeTourneau Type S, or equal for 45 days.

(3) 1 sheepsfoot roller, LeTourneau No. 127 or equal for 100 days use.

(4) Mobilizations and delivery of above equipment to U. S. Engineer in vicinity of Colusa, Calif. Plans and specifications obtainable from above office.

SACRAMENTO, Calif.—Until Aug. 12, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-29, for rental of the following equipment for use on levee and misc. work along the easterly levee of Feather River in Reclamation District No. 11 northerly of Marysville:

(1) RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit, and LeTourneau, or equal, bulldozer with operating personnel.

(2) RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit with operating personnel.

(3) Two carry-all scrapers, each of not less than 12 cu. yds. rated capacity.

(4) One rooter, LeTourneau Type S or equal.

(5) One water truck without operator and equipped with water tank of 1,000 gals. or more capacity and with road sprinkling devices.

Plans and specifications available from above office.

SAN FRANCISCO.—Until Aug. 12, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 968-39-64, for the rental of two tractors equipped with bulldozers and operators for approximately 800 hours' use on the Eel, Van Dusan and Mad Rivers; fob site of work.

FORT MASON, Cal.—Until Aug. 16 10 A. M., bids will be received by the Quartermaster Supply Officer, S. F. General Depot Ft. Mas., San Francisco, under Bid No. 928-39-32, for furnishing acetate cellulose; fob No. 6 Warehouse No. 6, Presidio of San Francisco.

U. S. POSTAGE
PAID

Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Strona Bids \$158,190 On
Spadra Project

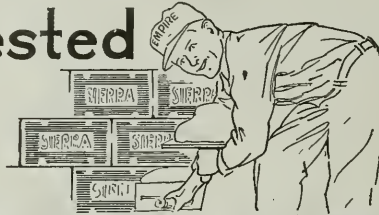


City Calls Bids on Six Minor Contracts



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., AUGUST 13, 1938 No. 33

STRONA SUBMITS LOWEST BID ON SPADRA PROJ.

Bids \$158,190 for Pacific Colony Nursery Ward; New Jobs Advertised

SACRAMENTO, Aug. 9.—State Architect George B. McDougall today called for bids on two projects and opened proposals for construction of a nursery ward building at Pacific Colony, and for electrical work at California Polytechnic School, San Luis Obispo.

John Strona, Pomona, at \$158,190, submitted the low bid for general construction of the nursery ward building at Pacific Colony. The contract calls for construction of a one- and two-story reinforced concrete ward building with hollow tile partitions, steel sash and clay tile roof covering.

Bids were taken under the following propositions: general; electric; plumbing; and heating and ventilating.

Other low bids were as follows: Travers Riddle, Inc., \$13,290.00 (plumbing); Vancott Co., \$5,842 (electric); and Hickman Brothers \$10,812 (heating and ventilating).

Baruch Corporation at \$159,783, submitted the second lowest bid on the contract for general construction. Other bidders were; Harvey A. Nichols, \$163,474; Jas. I. Barnes \$172,300, and W. E. Allen, \$180,000.

Only three firms submitted bids on the contract for electric work at California Polytechnic School in San Luis Obispo.

Allen R. Ochs, San Luis Obispo, at \$1492, submitted the low proposal, followed by Collins Electric Company, at \$1613. The only other bidder was California Electric Company at \$1652.

Bids will be opened September 6 in Sacramento for construction of Unit Fifteen and two custodial buildings at Pacific Colony, Spadra.

Each building will be a one-story reinforced concrete structure. Specifications call for hollow tile partitions, steel sash and clay tile roof covering.

Bids will be taken under the following propositions: (1) general work; (2) heating and ventilating work; (3) plumbing work; and (4)

AWARD ON HANSEN DAM RECOMMENDED

Award of the contract for construction of Hansen Dam to Guy F. Atkinson Co., San Francisco, was recommended yesterday by the U. S. Engineer Office at Los Angeles. The San Francisco contractor Monday submitted a low bid of \$5,688,419 for the contract, underbidding six competing firms.

The dam will be an earthfill structure 9050 feet in length, with a maximum height of 100 feet. Located in Los Angeles about one and four-tenths mi. northeast of San Fernando road, the dam is an important part of the Southern California flood control system. It will impound about 36,000 acre-feet at spillway elevation.

electric work.

State Architect George B. McDougall also called for bids, to be opened August 16, for construction of a truck shed and supply building for the California National Guard in Sacramento.

Plumbing bids on the ward bldg. at Pacific Colony, for which bids were opened today, included: Kenneth Fraser, \$13,452; O. E. Ross, \$15,187; Munger & Munger, \$15,281; Younger & Fellows, Ltd., \$15,382; and Hickman Bros., \$14,142.

Additional bids on the heating and ventilating contract were: Travers Riddle, \$11,378; Consolidated Heating and Ventilating Co., \$11,596; Kenneth Fraser \$12,430; Munger & Munger, \$12,932; O. E. Ross, \$13,623; and Younger & Fellows, \$15,082.

RUST SOLVENT FOR USE ON EQUIPMENT

Nielco Chemical Co., 5411-5421 Cicotte avenue, Detroit, Michigan, announces its newest product, the Nielco "Rust-Solv," a semi-paste rust solvent designed for use in removing corrosion from construction equipment and similar machinery. Further information may be obtained by writing the company at the address above.

CITY INVITES PROPOSALS ON SIX PROJECTS

Heating Equipment, Main Contract, Other Work Out For Bids

Bids on six minor city contracts yesterday were called by the San Francisco Department of Public Works and the Public Utilities Commission.

Heading the list of projects for which bids were called yesterday is the contract for heating equipment for the classroom building of the High School of Commerce at Franklin and Fell streets. Bids will be opened August 24.

Plans and specifications for the job were prepared under the direction of City Architect Charles H. Sawyer who estimates the work to cost \$18,000.

Informal bids will be opened August 17 by the Department of Public Works on four contracts.

The first calls for cleaning the roof of Portola Junior High School. Following improvement of the roof, the contractor will cover the surface with three layers of felt and gravel.

Plans and specifications on the three remaining jobs were prepared under the direction of City Engineer John J. Casey.

The largest of the contracts involves removing sand from the roadway and sidewalk of Kirkham street between Thirty-seventh and Thirty-ninth avenues. The estimated cost is \$990, according to Mr. Casey.

Removing slide material on Mangels street between Genessee and Foerster streets is called for in another contract. The work will cost approximately \$850. The final Department of Public Works project involves installation of four side-sewers in Anza street, between Forty-seventh and Forty-eighth avenues, at an estimated cost of \$756.50.

The Public Utilities Commission will open bids August 19 for laying 6- and 8-inch cast iron water mains in Athens street between Foote and Cayuga avenues. About 1256 lineal feet of pipe are involved.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1799	Brown	Pistohl	2600
1800	Crocker	Dinwiddie	3500
1801	Marenello	Berg	3000
1802	Raggio	Sbarboro	9000
1803	Wherstedt	Modern	1000
1804	Wood	Owner	3000
1805	Wood	Owner	2000
1806	Bartlett	Franceschi	3000
1807	Capital	Cahill	2000
1808	Earth	Lindsay	3500
1809	Cole	Olson	5000
1810	Doelger	Owner	4000
1811	Giaco m	Owner	3000
1812	Giurlani	Giusti	2000
1813	Hazlett	Prout	10000
1814	Mennucci	Rome	1400
1815	Mills	Cahill	2500
1816	Mohr	Mohr	6500
1817	Pet's Cafe	Giusti	1000
1818	Rousseau	Owner	10000
1819	Sala	Ohlsen	3000
1820	Sala	Ohlsen	3000
1821	Lee Pee	Owner	4500
1822	Basso	DePiero	2000
1823	Ghiotto	Owner	4000
1824	Green	Arco	5000
1825	Higgins	Owner	2500
1826	Johnson	Owner	2000
1827	Mockel	Bourdieu	3000
1828	Ntl Dollar	Owner	80000
1829	Perry	Owner	4000
1830-1	Schmidt	Schmidt	3250
1832	Selesinoff	Owner	2000
1833	Steinman	Property	4750
1834	Stoneson	Owner	5000
1835	Harelik	Coburn	2000
1836	Hibernia Bk.	Vukicevich	1000
1837	Schubert	Miller	7000
1838	Byrne	Modern Co.	1000
1839-42	Costello	Owner	3500
1843	Demaria	Owner	1485
1844	Feeney	McNeil	6000
1845-6	Galli	Owner	4750
1847	Lindeman	Munson	1000
1848-9	Michael	Owner	3500
1850	Micheli	Owner	3500
1851-2	Robinson	Owner	3500
1853	Sommer	Paratore	1000
1854	So. S.F. Pkg.	Barsotti	1750
1855	Wagner	Wilhelm	1750

ALTERATIONS
 (1799) 46 THIRD ST. Alter tavern.
 Owner—J. B. Brown, premises.
 Contractor—Alfred Pistohl, 59 Oak Grove Street.
 Architect—Not Given. \$2,600

ALTERATIONS
 (1800) 866 BRANNAN Street. Alter warehouse.
 Owner—Cocker Investment, Chocker First National Bank.
 Contractor—Dinwiddie Const. Co., 620 Market Street.
 Architect—Not Given. \$3,500

ALTERATIONS
 (1801) 1337 COLUMBUS Ave. Alter flats.
 Owner—R. Marenello, premises.
 Contractor—Berg Bros., 682 42nd Ave.
 Architect—C. T. Kett, 519 California Street. \$3,000

DWELLING
 (1802) E NORMAN AVE, 42 S Val-lejo St. Two-story and basement frame dwelling.
 Owner—David Raggio, 1256 Francisco Street.
 Contractor—Sbarboro and Jorgensen, 207 Walnut Street.
 Architect—Not Given. \$9,000

ALTERATIONS
 (1803) 363 SECOND Avenue. Alter dwelling.

Owner—Augustus Wherstedt, prem.
 Contractor—Modernization Company of Calif., 3601 Geary Blvd.
 Architect—Not Given. \$1,000

DWELLING
 (1804) E MAJESTIC 100 S Lake-view. One - story and basement frame dwelling.
 Owner and Builder—Edna B. Wood, 137 Lakeview.
 Architect—Not Given. \$3,000

DWELLING
 (1805) E MAJESTIC 125 S Lake-view. One - story and basement frame dwelling.
 Owner and Builder—Edna B. Wood, 137 Lakeview.
 Architect—Not Given. \$2,000

DWELLING
 (1806) W CERVANTES 215 S Beach Street. Two-story and basement frame flats.
 Owner—Mary Bartlett, c/o Contr. Contractor—Louis Franceschi, 3636 Baker Street.
 Architect—R. R. Irvine, 2048 Market Street. \$9,000

ALTERATIONS
 (1807) 130 MONTGOMERY Street. Alter flats.
 Owner—Capital Co., 625 Market St.
 Contractor—Cahill Bros., 206 Sansome Street.
 Architect—W. D. Peugh, 333 Montgomery Street.
 Engineer—F. W. Kellberg, 320 Market Street. \$2,000

DWELLING
 (1808) W 45th AVE, 225 N Fulton. One - story and basement frame dwelling.
 Owner—Carl Barth, 296 26th Avenue.
 Contractor—C. T. Lindsay, 202 Taraval Street.
 Architect—Not Given. \$3,500

DWELLING
 (1809) E 12th AVE, 200 N Judah. Two - story and basement frame dwelling.
 Owner—P. Cole, c/o architect.
 Contractor—Carl Olson & Son, 1386 31st Avenue.
 Architect—Not Given. \$5,000

DWELLINGS
 (1810) E 29th AVE, 93, 118, 143, 168, 193, 218, 243, 268, 293, 318 N Noriega. Ten 1-story and basement frame dwellings.
 Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
 Architect—Not Given. \$4000 each

DWELLING
 (1811) SW VISITACION Valley and Peabody. One - story and basement frame dwelling.
 Owner and Builder—Giacom & Giordano, 938 Rutland.
 Architect—Not Given. \$3,000

ALTERATIONS
 (1812) 525-31 FRONT Street. Alter storehouse and warehouse.
 Owner—Giurlani Bros., 537 Front St.
 Contractor—S. A. Giusti & Co., 200 Green Street.
 Architect—Not Given. \$2,000

DWELLING
 (1813) E SAN BUENA Ventura 140 N St. Francis Blvd. Two-story and basement frame dwelling.
 Owner—W. G. Haslett, c/o Architect.
 Contractor—J. Prout, 2530 Fillmore.
 Architect—Chas. F. Strothoff, 2274 15th St. \$10,000

ALTERATIONS
 (1814) 2932 GOUGH ST. Alter flats.
 Owner—E. Mennucci, 2939 Gough St.
 Contractor—Rome Carpenter Shop, 1659 Powell Street.
 Architect—Not Given. \$1,400

ALTERATIONS
 (1815) MILLS BLDG. Alter office.
 Owner—Mills Estate, Inc., Mills Bldg.
 Contractor—Cahill Brothers, 206 Sansome Street.
 Engineer—A. Torrigno, 1098 Mills Building. \$2,500

DWELLING
 (1816) SE CERRITOS and Moncada. Two - story and basement frame dwelling.
 Owner—H. E. and L. R. Mohr, 4482 Mission Street.
 Contractor—Rudolph Mohr and Sons, 4482 Mission St.
 Architect—Not Given. \$6,500

ALTERATIONS
 (1817) 540-46 MONTGOMERY ST Alter restaurant.
 Owner—Pet's Cafe, premises.
 Contractor—S. A. Giusti & Co., 200 Green Street.
 Architect—Not Given. \$1,000

FLATS
 (1818) N NORTH POINT ST. 100, 126, 152, 178, 205, 231 W Webster St. Six two-story and basement frame flats.
 Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
 Architect—Not Given. \$10,000 each

DWELLING
 (1819) SW SUSSEX and Mizpah. One - story and basement frame dwelling.
 Owner—J. M. Sala, 3090 16th Street.
 Contractor—O. Ohlsen, 2869 Harrison.
 Architect—Not Given. \$3,000

DWELLING
 (1820) SE MIZPAH and Sussen. One - story and basement frame dwelling.
 Owner—J. M. Sala, 3090 16th Street.
 Contractor—O. Ohlsen, 2869 Harrison.
 Architect—Not Given. \$3,000

FLATS
 (1821) SE MONTEREY AVE and Detroit St. Two-story and basement frame flats.
 Owner and Builder—Tee Pee Const. Co., 308 Scott Street.
 Architect—Not Given. \$4,500

ALTERATIONS
 (1822) 94 WHEAT ST. Alter dwelling.
 Owner—Emilio Basso, premises.
 Contractor—Herman De Piero, 92 Conkling St.
 Architect—Not Given. \$2,000

DWELLING
 (1823) E 29th AVE, 200 N Rivera. One - story and basement frame dwelling.
 Owner and Builder—Bert Ghiotto, 231 Delano Avenue.
 Architect—Not Given. \$4,000

DWELLING
 (1824) E LUNADO COURT 191 SE Lunado Way. One - story and basement frame dwelling.
 Owner—Geo. Green, Palo Alto.
 Contractor—Arco Bldg. Co., 5401 Mission Street.
 Architect—Not Given. \$5,000

DWELLING
(1825) E MILL ST. 250 N Harkness.
One - story and basement frame
dwelling.
Owner and Builder—Joe Higgins, 62
Monterey Blvd.
Architect—Not Given. \$2,500

DWELLING
(1826) W ALEMANY 593 N Seneca.
One - story and basement frame
dwelling.
Owner and Builder—J. A. Johnson,
69 Madison.
Architect—Not Given. \$2,000

ALTERATIONS
(1827) 2700 20th ST. Alter stores and
flats.
Owner—H. Mockel, premises.
Contractor—J. B. Bourdieu, 2625 20th
Street.
Architect—Not Given. \$3,000

ALTERATIONS
(1828) 929-33 MARKET ST. Alter
store.
Owner—National Dollar Stores, Inc.,
929 Market St.
Contractor—Not Selected.
Architect—Bernard J. Joseph, 74 New
Montgomery Street.
Engineer—Robt. A. Hanson, 608 In-
diana Street. \$80,000

(1829) SE 31st AVE. and Cabrillo.
One - story and basement frame
dwelling.
Owner and Builder—Fred K. Perry,
883 41st Avenue.
Architect—Not Given. \$4,000

DWELLING
(1830) S ARMY ST. 80 W Church.
One - story and basement frame
dwelling.
Owner—Walter J. Schmidt, 2419 21st
Street.
Contractor—Schmidt Bros., 25 Virgil.
Architect—Not Given. \$3,250

DWELLING
(1831) S ARMY ST. 105 W Church.
One - story and basement frame
dwelling.
Owner—Walter J. Schmidt, 2419 21st
Street.
Contractor—Schmidt Bros., 25 Virgil.
Architect—Not Given. \$3,250

DWELLING
(1832) W ARKANSAS 250 S 22nd St.
One - story and basement frame
dwelling.
Owner and Builder—P. N. Selesinoff,
665 Rhode Island.
Architect—Not Given. \$2,000

DWELLING
(1833) E RICHARDSON AVE. 41 S
Francisco. One-story and base-
ment frame dwelling.
Owner—Claire Steinman, 2535 Fran-
cisco St.
Contractor—Property Imp. Co., 919
Fell Street.
Architect—Sidney A. Colton, 78 Rico
Way. \$4,750

DWELLING
(1834) SE CRANLEIGH and Lagu-
nitas Dr. Two-story and base-
ment frame dwelling.
Owner and Builder—Stoneson Bros.,
1 Sloat Blvd.
Architect—H. G. Stoner, 251 Kearny
Street. \$5,000

ALTERATIONS
(1835) 35 DOLORES TERRACE.
Alter flats.
Owner—M. Harelik, prem.
Contractor—Ira W. Coburn, 2028 Mar-
ket St.
Architect—Not given. \$2000

ALTERATIONS
(1836) 160 POWELL STREET. Alter
store.

Owner—Hibernia Bank, McAllister
and Market St.
Contractor—M. E. Vukicevich, 666
Mission St.
Architect—Not given. \$1000

ALTERATIONS
(1837) 2820 SCOTT STREET. Alter
Guest House.
Owner—Harold Schubert, 2523 Pa-
cific Ave.
Contractor—Miller and McGills, 4444
Geary St.
Architect—Not given. \$7000

ALTERATIONS
(1838) 278 11th AVE. Alter dwelling.
Owner—Wm. Bryne, prem.
Contractor—Modernization Co. of Cal.,
3601 Geary Blvd.
Architect—Not given. \$1000

DWELLING
(1839) E. 25th AVE., 143 S. Norlega.
One-story and basement frame
dwelling.
Owner—Michael Costello, 821 34th
Ave.
Architect—Not given. \$3500

DWELLING
(1840) E. 25th AVE., 118 S. Norlega.
One-story and basement frame
dwelling.
Owner—Michael Costello, 821 34th
Ave.
Architect—Not given. \$3500

DWELLING
(1841) E. 25th AVE., 168 S. Norlega.
One-story and basement frame
dwelling.
Owner—Michael Costello, 821 34th
Ave.
Architect—Not given. \$3500

DWELLING
(1842) E. 25th AVE., 93 S. Norlega.
One-story and basement frame
dwelling.
Owner—Michael Costello, 821 34th
Ave.
Architect—Not given. \$3500

ALTERATIONS
(1843) 1650 CHESTNUT ST. Alter
dwelling.
Owner—Attilio Demaria, 3010 Frank-
lin.
Architect—Not given. \$1485

DWELLING
(1844) W WEBSTER, 65 N. Jeffer-
son St. Two-story and basement
frame dwelling.
Owner—Thomas F. Feeney, c/o con-
tractor.
Contractor—Clayton T. McNeil, 1641
Russ Bldg.
Architect—Not given. \$6000

(1845) W. 20th AVE., 322 S. Ocean
Ave. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Plans by—E. H. Denke, 1317 Hyde
Street. \$4750

DWELLING
(1846) W. 20th AVE., 286 S. Ocean
Ave. One-story and basement
frame dwelling.
Owner—R. F. Galli, 377 West Portal
Ave.
Plans by—E. H. Denke, 1317 Hyde
Street. \$4750

ALTERATIONS
(1847) 222 SACRAMENTO ST. Alter
garage.
Owner—Lindeman Garage, prem.
Contractor—John Munson, 2419 15th
Street.
Architect—Not given. \$1000

DWELLING
(1848) SE BANCROFT, 95 NE
Quintara. One-story and basement
frame dwelling

Owner—Michael and Bomerer, 762
De Haro.
Architect—Not given. \$3500

DWELLING
(1849) SE BANCROFT, 120 NE
Quintara. One-story and base-
ment frame dwelling.
Owner—Michael and Bomerer, 762
De Haro.
Architect—Not given. \$3500

DWELLING
(1850) W. MISSOURI, 100 N. 20th
St. One-story and basement frame
dwelling.
Owner—P. De Michell, c/o architect.
Plans by—Chas. F. Strothoff, 2274
15th St. \$3500

DWELLING
(1851) E. 41st AVE., 100 N. Kirkham.
One-story and basement frame
dwelling.
Owner—Robinson and Johnston, 180
Oak St.
Plans by—Richard R. Irvine, 2048
Market St. \$3500

ALTERATIONS
(1852) E. 41st AVE., 125 N. Kirkham.
One-story and basement frame
dwelling.
Owner—Robinson and Johnston, 180
Oak St.
Plans by—Richard R. Irvine, 2048
Market St. \$3500

DWELLING
(1853) W. 33rd AVE., 100 S. Geary.
Alter dwelling.
Owner—H. D. Sommer, 739 Market
Street.
Contractor—R. Paratore, 549 Fell St.
Architect—Not given. \$1000

SHED
(1854) N. EVANS AVE, 130 W. Men-
dell. One-story frame livestock
shed.
Owner—So. S. F. Packing and Pro-
vision Co., 1510 Galvez Ave.
Contractor—Barsotti and Faggioni,
1567 Revere Ave.
Architect—Not given. \$1750

ALTERATIONS
(1855) NE 19th AVE and KIRK-
HAM. Alter dwelling.
Owner—G. Wagner, prem.
Contractor—A. H. Wilhelm, 666 Mis-
sion St.
Architect—Not given. \$1750

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
2019	Carpenter	Burgett	3850
2020	Holgsberg	Sorensen	5000
2021	Long	Parks	5300
2022	Beckett	Owner	4000
2023	Langlier	Davis	2000
2024	Magrunder	Hamblin	4300
2025	Maurer	Maurer	9000
2026	Maurer	Maurer	8500
2027	Foss	Roycraft	4500
2028	Smith	Owner	4700
2029	Winter	Smith	8000
2030	Wood	Wierk	5000
2031	Gould	Owner	3500
2032	Pressler	Owner	4500
2033	Richards	Teigland	11800
2034	Tisher	Johnson	5000
2035	Todhunter	Owner	1500
2036	MacGregor	Owner	3000
2037	Turner	Roberts	5000
2038	Hillerman	Maki	3200
2039	Neven	Owner	2000
2040	Beckett	Owner	5500
2041	Cornello	Periera	5600
2042	Flagg	Owner	3500
2043	Grigsby	Owner	3000
2044	Kings	Rurtz	1430
2045	Potter	Burks	4000
2096	Gracy	Scherman	4500
2047	Heraty	Jensen	3500
2048	Hitt	Nielsen	5172
2049	Lesuick	Icardl	4000
2050	Martignani	Owner	13000

2051 Morris	Waldman	6000
2052 Obervittie	Owner	8000
2053 Sepore	Camponenosi	8700
2054 White	Owner	1000
2055 Leeflang	Leeflang	3500
2055 Baxter	Armstrong	12000
2056 Pankhouser	Armstrong	6500
2057 Harris	Owner	25000
2058 Orchard	Lyons	14000
2059 Vauter	Kraus	5000
2060 Calif. Door Co.	Hary	3000
2061 Chamberlain	Monson	2500
2062 Corley	Owner	1000
2063 Cornwall	Webb	3032
2064 Daly	Owner	1000
2065 Labau	Muller	5700
2066 Murray	Justin	4500
2067 Silveria	Dybdahl	4000
2068 Smith	Owner	2000

DWELLING
(2019) 1310 TALBOT, BERKELEY.
One - story 5-room frame dwelling and garage.
Owner—A. Carpenter.
Contractor—Burgett & Johnson, 594 63rd St., Oakland.
Plans by E. W. Burgett, 594 63rd St. Oakland. \$3,850

DWELLING
(2020) 464 VASSAR AVE., BERKELEY. Two-story 5-room frame dwelling and garage.
Owner—Folmer Holgsberg, 2329 Derby Street.
Contractor—Edw. M. Sorensen, 1907 Parker Ave.
Architect—W. Patton, 957 Ordway. \$5,000

DWELLING
(2021) 60 LATHAM LANE, BERKELEY. Two-story 4-rm. frame dwelling and garage.
Owner—Robt. Long, 2104 Addison.
Contractor—R. F. Parks, 688 Grizzly Peak.
Architect—Not Given. \$5,300

DWELLING
(2022) 6015 BUENAVENTURA AVE. OAKLAND. One-story six-room dwelling.
Owner and Builder—A. T. Beckett, 224 Scenic.
Architect—Not Given. \$4,000

(2023) 52 ALVARADO RD., OAKLAND. Addition.
Owner—W. F. Langlier, premises.
Contractor—H. W. Davis, 5872 Morpeth Street.
Architect—W. W. Wurster, 260 California St., S. F. \$2,900

(2024) 214 MODOC, OAKLAND. One-story 5-room dwelling.
Owner—Cora C. Magruder, 77 Linda.
Contractor—U. F. Hamblin, 77 Linda.
Architect—Paul Anderson, 2130 12th Avenue. \$4,300

DWELLING
(2025) 5781 BUENA VISTA AVE., OAKLAND. Two - story 8-room dwelling.
Owner—Helen C. Maurer, 50 York Dr. Piedmont.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland. \$9,000

DWELLING
(2026) 5761 BUENA VISTA AVE., OAKLAND. Two - story 7-room dwelling.
Owner—Helen C. Maurer, 50 York Dr. Piedmont.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland. \$8,500

DWELLING
(2027) 5727 COLTON BLVD., OAKLAND. One-story 5-rm. dwelling
Owner—E. J. Ross, Excelsior Ave.

Contractor—Samuel and James Roycroft, 5763 Ayala Avenue.
Architect—H. B. Kinney, Oakland. Garage, \$500. \$4500

DWELLING
(2028) 9600 GOLF LINKS RD., OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—Geo. O. Smith, 203 Pomona Ave.
Architect—Not Given. \$3,700

ADDITION
(2029) 461 CRESCENT ST., OAKLAND. Addition and alterations.
Owner—Hazel M. Wintler, 3027 Capp.
Contractor—Ashley Smith, 3027 Capp.
Architect—R. H. Cooley, Builders' Exchange Bldg. \$8,000

DWELLING
(2030) 6030 COLTON BLVD., OAKLAND. Frame dwelling.
Owner—Fred Wood, 419 Wayne Ave.
Contractor—Nick Wierk, 302 13th St.
Architect—Not Given. \$5,000

BUILDING
(2031) 1517 SOLANO, BERKELEY. One-story 2-room bldg.
Owner and builder—Gould & Kane, 921 Ramona.
Plans by—B. E. Hardman, Berkeley.
Architect—Not given. \$3500

DWELLING
(2032) 3025 HYDE ST., OAKLAND. One-story 5-room dwelling.
Owner—Walter Pressler, 1419 Excelsior Ave.
Architect—Not given. \$4500

DWELLING
(2033) 788 ROSEMONT RD., OAKLAND. Two-story 6-room dwelling.
Owner—U. G. Richards, Claremont Country Club.
Contractor—C. M. Teigland, 525 49th St.

DWELLING
(2034) 2320 DASHWOOD AVENUE, OAKLAND. One-story 7-room dwelling.
Owner—C. R. Tisher, 6127 Foothill Blvd.
Contractor—Elmer Johnson, 6127 Foothill Blvd.
Architect—Not given. \$5000

GARAGE
(2035) 1525 OAK ST., OAKLAND. One-story tile garage.
Owner—G. M. Todhunter, 1525 Oak Street.
Architect—Not given. \$1500

STORE
(2036) 937 SAN PABLO, ALBANY. One-story 3-room store.
Owner and builder—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$3000

DWELLING
(2037) 5934 COLTON BLVD., OAKLAND. One-story 5-room dwelling.
Owner—Wm. Turner, Berkeley.
Contractor—R. G. Roberts & Son, 4840 Proctor Ave.
Garage, \$200.
Architect—Not given. \$5000

DWELLING
(2038) 1349 ADA ST., BERKELEY. One-story 5-rm. frame dwelling and garage.
Owner—Fred G. Hillerman.
Contractor—Wm. Maki, 2301 Bowditch.
Architect—Not Given. \$3,200

DWELLING
(2039) 2433 GRANT, BERKELEY. One-story 4-rm. frame dwelling.

Owner and Builder, A. J. Neven, 1616 Belvedere.
Architect—Not Given. \$2,000

DWELLING
(2040) 5829 McANDREW DR., OAKLAND. Two-story 6-rm. dwelling
Owner and Builder—A. T. Beckett, 224 Scenic Avenue.
Architect—Not Given. \$5,500

DWELLING
(2041) 5224 FLEMING AVE., OAKLAND. One-story 5-rm. dwelling
Owner—J. Cornello, 5447 Bond St.
Contractor—Q. V. Pereira, 3301 Columbian Drive.
Architect—Not Given. \$5,600

DWELLING
(2042) 4121 MIDVALE AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—A. J. Flagg, 3743 Loma Vista.
Architect—Not Given. \$3,500

DWELLING
(2043) 130 CAPRICORN AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—Fred and Lillian Grigsby, 914 58th Street.
Architect—Not Given. \$3,000

ALTERATIONS
(2044) 3900 BROADWAY ST., OAKLAND. Alterations.
Owner—Kings Daughters Home, 3900 Broadway.
Contractor—F. A. Kurtz, 364 41st St.
Architect—Not Given. \$1,430

DWELLING
(2045) 3674 GREEN ACRE ROAD, OAKLAND. One-story five-room dwelling.
Owner—A. G. Potter, Jr., 5513 Manilla.
Contractor—Roy Burks, 4129 Randolph Ave.
Architect—Not Given. \$4,000

DWELLING
(2046) 2101 E. 29th ST., OAKLAND. Two-story 6-room dwelling.
Owner—Wm. Gracey, Oakland.
Contractor—Sol Scherman, 2789 Foothill Blvd.
Architect—Not given. \$4500

DWELLING
(2047) 11025 BROADWAY TERR., OAKLAND. One-story 5-room dwelling.
Owner—Phil Heraty, 5815 Thornshire Rd.
Contractor—H. K. Jansen, 2757 Rawson St.
Garage, \$200.
Architect—Not given. \$3500

DWELLING
(2048) 6360 BROOKSIDE AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—B. B. Hill, 950 30th St.
Contractor—Clive W. Nielsen, 849 Athens Ave.
Plans by—A. Froberg, 1955 Webster Street.
Architect—Not given \$5172

DWELLING
(2049) 662 58th ST., OAKLAND. One-story, 5-room dwelling.
Owner—Mr. Lesuick, 5505 Telegraph Ave.
Contractor—A. Icardi, 972 Aileen St.

DWELLING
(2050) 3020 HOLYROAD DRIVE, OAKLAND. Two-story, 7-room dwelling.
Owner and builder—W. L. Martignani, 5490 Kales Ave.
Plans by—Miller & Warnecke, Financial Center Bldg.
Architect—Not given. \$13,000

DWELLING
 (2051) 56 SHERIDAN ROAD, OAKLAND. One-story 6-room dwelling.
 Owner—M. L. Morris, Oakland.
 Contractor—A. E. Waldman, 5409 Foothill Bldg.
 Architect—Not given. \$6000

DWELLING
 (2052) 7000 HEMLOCK ST., OAKLAND. 1-story 5-room dwelling
 Owner and builder—Paul H. Oberwittte, 605 29th St.
 Architect—Not given. \$6000

DWELLING
 (2053) 1408 TRESTLE GLEN RD., OAKLAND. Twostory 6-room dwelling.
 Owner—I. C. Sepori, 716 44th St.
 Contractor—E. Camponenosi, 6401 Broadway Terr.
 Plans by—Paul V. Tuttle, 3718 Grand Ave. \$8700

ALTERATIONS
 (2054) 1394 ALLMAN ST., OAKLAND Alterations
 Owner—C. A. White, 1394 Allman St.
 Architect—Not given. \$1000

DWELLING
 (2055) 2249 108th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—E. Leeflang.
 Contractor—John J. Leeflang, 2408 Bartlett St.
 Architect—Not given. \$3500

DWELLING
 (2055) 500 GRIZZLY PEAK, BERKELEY. Two-story 6-room frame dwelling and garage.
 Owner, A. C. Baxter.
 Contractor—J. R. Armstrong, 834 E. 10th St.
 Plans by—W. W. Meyhew, 6026 Acacla. \$12,000

ALTERATIONS
 (2056) 103 PLAZA DRIVE, BERKELEY. Alterations and add.
 Owner—W. C. Fankhouser, 103 Plaza Drive
 Contractor—J. R. Armstrong, 834 E. 10th St.
 Architect—Not given. \$8500

BUILDING
 (2057) 2141 SHATTUCK AVE., BERKELEY. One-story 2-room store building.
 Owner and builder—J. W. Harris, 2008 Shattuck.
 Plans by—J. B. Anthony, 462 Elwood Ave. \$25,000

BUILDING
 (2058) 2185, 2139 SHATTUCK AVE., BERKELEY. One-story 3-room building.
 Owner—R. Orchard, 200 Bush St., San Francisco.
 Contractor—W. E. Lyons, 2007 Pac. Ave., Alameda.
 Plans by—J. W. Plachek, American Trust Bldg., Berkeley. \$14,000

DWELLING
 (2059) 2 W. PARNASUS. One-story 4-room frame dwelling and garage.
 Owner—R. D. Vanter, 2021 Ashby.
 Contractor—W. J. Kraus, 1310 Marin.
 Plans by—A. B. Gallian, 487 Crofton. \$5000

REPAIRS
 (2060) 1515 WOOD ST., OAKLAND. Repairs.
 Owner—Calif. Door Co., 1515 Wood Street.
 Contractor—A. M. Hardy, 736 Clementina St., S. F.
 Plans by—W. Adrian, 417 Market St., S. F. \$3000

REPAIRS
 (2061) 307 10th ST., OAKLAND. Fire repairs.
 Owner—Chamberlin and Proctor.
 Contractor—Monson Bros., 475 6th St., S. F.
 Architect—Not given. \$2500

ALTERATIONS
 (2062) 505 WICKSON ST., OAKLAND. Alterations.
 Owner—James & Elizabeth Corley, 1225 Myrtle St.
 Architect—Not given. \$1000

ALTERATIONS
 (2063) 2233 E. 27th ST., OAKLAND. Alterations and addition.
 Owner—C. J. Cornwell, 2233 E. 27th Street.
 Contractor—Webb & Whalin, 2930 22nd Ave.
 Architect—Not given. \$3,032

ALTERATIONS
 (2064) 268 CAPRICORN AV., OAKLAND. Alterations and addition.
 Owner and builder—Mr. Oliver Daly, 335 Grove St., S. F.

DWELLING
 (2065) 6762 MANOR CREST ROAD, OAKLAND. Two-story 6-room dwelling.
 Owner—Reimer Lahaun, 5819 Patton St.
 Contractor—Hugo Muller Jr., 6339 Contra Costa Rd.
 Architect—Not given. \$5700

DWELLING
 (2066) 3127 BROOKDALE AVENUE, OAKLAND. Two-story six room dwelling.
 Owner—N. Murray, Oakland.
 Contractor—Noble F. Justin, 2206 Clinton Ave., Alameda.
 Architect—Not given. \$4500

DWELLING
 (2067) 209 CAPRICORN AVE., OAKLAND. One-story, five room dwelling.
 Owner—J. A. Silveria, 224 E. 15th St.
 Contractor—L. Dybdahl, 945 33rd St., Richmond.
 Plans by—Dale Thompson, 179 Lincoln Ave., Palo Alto. \$4000

ADDITION
 (2068) 9317 THERMAL ST., OAKLAND. Addition.
 Owner—Albert G. Smith, 9317 Thermal St.
 Architect—Not given. \$2000

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
208	Williams	Cole	2380
209	P. G. & E.	Larsen	10943
210	Van Loben Sels	Bartlett	128450
211	First Hebrew	Paganini	31913
212	Same	American	13000
213	Same	McNeil	5882
214	Saunders	White	5500

GATES & CHUTES
 (208) LOCATION omitted. Finish gates-chutes for oxide bldg.
 Owner—C. K. Williams & Company.
 Architect—Not Given.
 Contractor—Walter R. Cole and Co., 500 Adeline St., Oakland.
 Filed and Dated, Aug. 3, 1938.
 Upon completion75%
 Usual 35 days25%
TOTAL COST, \$2,365
 Limit, 30 days.

FOUNDATIONS
 (209) NR. BAY BRIDGE Approach
 Concrete foundations for Mole P. G. & E. sub-station.
 Owner—Pacific Gas & Electric Co.
 Architect—Not Given.

Contractor—Ralph V. and Ira H. Larsen.
 Filed, Aug. 8, '38. Dated, Aug. 1, '38.
 10th of each month.....85%
 Usual 35 days15%
TOTAL COST, \$10,043.00
 Bond, \$10,043. Sureties, Union Pacific Ins. Co. Forfeit, \$50 per day. Limit, (a) 10 days; (b) 14 days; (c) 24 days
 Plans and specifications filed.

BUILDING
 (210) PERALTA and 22nd Streets, Oakland. One-story steel frame building with brick walls and concrete foundations.
 Owner—M. C. C. Van Loben Sels, Sacramento.
 Architect—Not Given.
 Contractor—John M. Bartlett, Walter, Sorensen, 1706 Parker St., Berkeley.

Filed, Aug. 9, '38. Dated, Aug. 8, '38.
 1st day of each month.....75%
 Usual 35 days25%
TOTAL COST, \$128,450.00
 Bond, \$128,450. Sureties, Pacific Indemnity Co. Forfeit, \$40 per day. Limit, 140 days. Plans and specifications filed.

CONCRETE WORK
 (211) CEMETERY of First Hebrew Congregation, Oakland. Concrete work for mausoleum.
 Owner—First Hebrew Congregation of Oakland.
 Architect—H. A. Minton, Underwood Bldg., San Francisco.
 Contractor—David Paganini, 617 Montgomery St., San Francisco.
 Filed, Aug. 8, '38. Dated, July 15, '38
 Progress payments.

TOTAL COST, \$31,913
 Bond, \$31,913. Sureties, Fidelity and Deposit Co. of Maryland. Limit, Oct. 31, 1938. Plans and specifications filed.
 (212) MARBLE installation on the above mausoleum.
 Contractor—American Marble Co., P. O. Box 578, South San Francisco.
 Filed and Dated,
 Progress payments.
TOTAL COST, \$13,000
 Bond, \$13,000. Sureties, Fidelity and Deposit Co. of Maryland. Limit, Jan. 31, 1939. Plans and spec. filed.

(213) BRONZE work on above.
 Contractor—McNeil—Steinberg Mfg. Co., 36 Clyde St., San Francisco.
 Filed, Aug. 8, '38. Dated, July 15, '38
 Progress payments.
TOTAL COST, \$5,882.00
 Bond, \$5,882. Sureties, Fidelity and Deposit Co. of Maryland. Limit, Dec. 15, 1938. Plans and spec. filed.



The
"BUILDER-WAY"
 is the
"MODERN-WAY"
 to
 Buy and Sell
EQUIPMENT
 •
 For further information consult:

Daily Pacific Builder
 465 TENTH ST. | OR | Market 7110
Stark-Rath Publ. Co.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Garages and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Hotels |

1—APARTMENTS

Plans Being Prepared
APARTMENTS Cost \$40,000
SAN FRANCISCO. Vicinity of Webster St.
Three-story frame and stucco apartment bldg. (12, 2 & 3 room apartments) steel and reinf. concrete construction, first floor. (Steam heating system, etc.).
Owner—Mr. Links, c/o Architect.
Architect—C. O. Clausen, 746 46th Ave.

Sub-Contracts Awarded
APARTMENTS Cont. Price \$15,520
SAN JOSE, Santa Clara Co., Calif.
Frame and stucco apartment house containing four apts. (hardwood floors, tile baths, gas heating system, steel sash, etc.)
Owner—M. Murchie, c/o Architect.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Fred C. Nelson, Montgomery Hotel, San Jose.
Roofing—Eush Roofing Co., 750 Stk. Ave.

Plumbing—Wm. Ehler Plumbing Co., 956 The Alameda.
Electric Wiring—Russel Electric Co., Montgomery Hotel.
Heating & Sheet Metal—W. E. Wood & Co., 413 E. Santa Clara.
Tile Work—Simpson Tile Co., 46 W. Julian.
Glass & Mill Work—Pacific Mfg. Co., Santa Clara.
Hardwood Floors—Andy Phillips, 1819 Park Avenue.
Iron Grille Work—Harold Hellwig, 150 S. Montgomery St.
Brick & Stone Work—Frank Filben, 1140 Marlin Avenue.
Foundations & Concrete—Pyles Bros., 1404 Jonathan Avenue, S. F.
Lumber—Chalm Lumber Co., 1400 The Alameda.
Hardware—San Jose Hardware Co., 62 W. San Fernando St.
Lathing & Plastering—Louis Hoff, 323 S. 18th St.
All of San Jose, unless otherwise noted.

3—CHURCHES

Planned
CHURCH Cost, \$.....
QUINCY, Plumas Co., Cal. Lawrence St. bet. East and Main Streets.
One-story frame church building.
Owner—St. John's Church (Rev. Fr. John McGoldrick, Pastor), Quincy
Plans by J. F. Flanagan, Graeagle 3
Plans Being Figured — Bids Close Aug. 16, 8:30 P. M.
CHURCH Cost, \$.....

NILES, Alameda Co., Calif.
One-story frame and stucco church; Sunday school and parsonage; composition roof, steel sash, hardwood floors, forced air heating system.
Owner—Niles Congregational Church.
Architect—George Patton, Simonds, 80 Main St., Hayward.
Following will submit bids:
E. E. Dias, P. O. Box 121, Niles.
R. A. Griffin, Irvington.
A. Holyoake, Hayward.
Parsons & Williams, 2262 80th Ave., Oakland.
E. T. Lelter & Son, 811 37th Street, Oakland.
E. C. Tait, 883 Market St., San Francisco.

(4381) 1st rep. June 30, 1938; 2nd, July 15, 1938

4—FACTORIES & WAREHOUSES

Planned
TERMINAL Cost, \$90,000
FRESNO, Fresno Co., Calif. Fresno, C. Mariposa, and D Streets.
New truck terminal (reinf. concrete and steel construction; 375x80).
Owner—Pacific Freight Lines, Inc., and Valley Exps Co. (C. A. Thompson, Div. Mgr.)
Architect—Not Given.
Further details will be announced shortly.

Contract Awarded
INDUS. BLDG. Cont. Pr. \$28,324
SAN JOSE, Santa Clara Co., Calif. 560 North Sixth Street.
One-story industrial building enclosing kilns.
Owner—Garden City Pottery Co., 560 North Sixth St., San Jose.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.
Contractor—Herrick Iron Works, 1729 Campbell St., Oakland.

Contract Awarded
ALTERATIONS Cost, \$4,500
SAN FRANCISCO. 866 Brannan St.
Alterations to warehouse.
Owner—Crocker Inv. Co., Crocker 1st National Bank Bldg.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 620 Market St.

Sub-Contracts Awarded
WAREHOUSE Cost, \$43,000
OAKLAND, Alameda Co., Calif. 790 86th Avenue.
Steel warehouse and brick boiler house.

Owner—Hazel Atlas Glass Co., 89th and G Sts., Oakland.
Plans by H. C. White and R. J. Fisher, 826 Crocker Building, San Francisco.
Contractor—Larsen and Larsen, 629 Bryant St., San Francisco.
Roofing and Wood Block Floors—J. W. Bender Roofing Co., 18th and Bryant Sts., San Francisco.
Plumbing—Robt. D. Fearey, 1075 40th St., Oakland.
Painting—Raphael Co., 270 Tehama Co., San Francisco.
Concrete Materials—Melrose Building Materials Co., 4501 Tidewater Ave., Oakland.

BIDS WANTED
GLENDALE, L. A. Co., Calif.—Until Aug. 22, 4 P. M., bids will be received by Glendale Board of Education for the construction of a warehouse, a PWA project, at 411 E. Wil-

son Ave., Glendale. Erwood P. Eiden, architect, 106 E. Wilson Ave., Glendale; it will be a 2-story and basement structure, 50x140 ft.; reinf. concrete const., concrete slab w/ steel sash, elevator, concrete floors metal doors; cost \$75,000. Plans may be obtained at 411 Wilson Ave., Glendale, upon deposit of \$25.

Contract Awarded
TERMINAL Cost \$43,000
FRESNO, Fresno Co., Calif. Fresno, C. Mariposa, and D Streets.
New truck terminal (reinf. concrete and steel construction; 375x80).
Owner—Pacific Freight Lines, Inc., and Valley Express Co. (C. A. Thompson, Div. Mgr.)
Architect—Van Trees & Schaefer, Kerckhoff Bldg., L. A.
Contractor—L. H. Hansen & Sons, P. O. Box 519, Fresno.

Plans Complete
SHOP BLDG. Cost, \$.....
SAN JOSE, Santa Clara Co., Calif. One-story brick ship bldg. (40x60-ft.)
Owner—Rosendin Motor Works.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
Owner will build.

Additional Sub-Contracts Awarded
ALTERATIONS Cost, \$45,000
SAN FRANCISCO. NE Vallejo and Battery Streets.
Alterations to Schenley Products warehouse, inc. addition of one-story to present 2-story and basement building.
Owner—Lurie Co., 333 Montgomery
Architect—W. D. Peugh, 333 Montgomery St.
Engineer—F. W. Kellberg, 320 Market St.

Contractor—Cahill Brothers, 206 San some St.
Plastering—Wm. G. Gilmour, 666 Mission St.
Glass—Habenicht & Howlett, 529 Clay St.
Other awards reported July 11th.

5—FLATS

To Be Done By Day's Work
FLATS Cost, \$10,000 ea.
SAN FRANCISCO, Calif. N. North Point, W. Webster St.
Six, two-story and basement frame and stucco flat bldgs.
Owner and builder—Oliver M. Rouseau, 321 Kearny St.
Architect—Not given.

Contract Awarded
FLATS Cost \$10,000
SAN FRANCISCO. W. Cervantes, S. Beach St.
Two-story and basement frame and stucco flats.
Owner—Mary Bartlett.
Architect—R. R. Irvine, 2048 Market St.
Contractor—Louis Franceschi, 3636 Baker St.

Plans Completed
FLATS
SAN FRANCISCO. NE 22nd Avenue, and Judah St.
Two-story frame and stucco flats (6, 4 room flats) composition roof, gas heating system, etc.
Owner and builder—Herman Christensen, 1801 18th Ave.
Architect—C. O. Clausen, 746 46th Ave.

6—GARAGES & SERVICE STATIONS

Site Selected
POST OFFICE
PLACERVILLE, Eldorado Co., Calif.
 Main St. & Bedford Ave.
 U. S. Post Office Bldg.
 Owner—United States Government.
 Plans by Supervising Architect,
 Treasury Dept., Wash., D. C.

Contract Awarded
SERVICE STATION Cost, \$8,500
FRESNO, Fresno Co., Calif. 108 N.
 "T" Street.
 Steel service station.
 Owner—Signal Oil Co., Church St.,
 Fresno.
 Plans by Engr. Dept. of Owner.
 Contractor—Midstate Const. Co., 501
 Pacific Southwest Bldg., Fresno 8

7— FEDERAL BUILDINGS

BIDS OPENED
POINT ARENA LIGHT STATION,
 Calif.—Star Delta Electric Company,
 279 Fremont St., S. F., at \$998, sub-
 mitted low bid to the Department
 of Commerce, Lighthouse Service,
 425 Custom House, San Francisco,
 for electrification wiring of four sets
 of quarters at the Point Arena Light
 Station, located approx. 4 1/2 miles
 from Point Arena, Mendocino Coun-
 ty, Calif.

Complete bids follow:
 Star Delta Electric Co., \$998.
 Don Trego, Albion, \$1,091.
 T. L. Rosenberg, Oakland, \$1,124.
 Robert L. Becker, Ukiah, \$1,194.
 Kuchel & Sievers Elec. Works, S.
 F., \$1,295.
 Kemppe Hardware Co., Fort Bragg,
 \$1,775.
 *American Electric Constr. Co., San
 Francisco, \$2,198.
 Norman A. Russell, Santa Rosa,
 \$2,200.
 Globe Electric Works, S. F., \$2-
 920.

*Discount 2%, ten days, 1% 20 days.
 All other bids net.

BIDS WANTED
ELY, Nev.—Until August 19, 10 A.
 M., bids will be received by Procure-
 ment Division, Public Bldgs. Branch,
 Washington, D. C., for bulletin boards
 for the U. S. Post Office at Ely.
 Specifications may be obtained from
 the above office and from the Custod-
 ian of the building at Ely. 7

CONTRACT AWARDED
SAN DIEGO, Cal.—Chicago Bridge
 & Iron Works, 608 S. Hill Street, Los
 Angeles, at \$135,760 awarded con-
 tract by 11th Naval District, San Di-
 ego, (Item 1), for furnishing and in-
 stallng six fuel oil storage tanks at
 the Naval Operating Base (Fuel De-
 pot), San Diego; Spec. 8869. Work
 includes appurtenant piling, steel and
 iron work and painting. 7

August 11, 1938
SAN PEDRO, L. A. Co., Calif.—Un-
 til Aug. 23, 11 A. M., bids will be re-
 ceived by Public Works Office, Ele-
 venth Naval District, Foot of Broad-
 way, San Diego, for driving founda-
 tion for airplane hangars at the
 Eleventh Naval District (Fleet Air
 Base), San Pedro.

The work consists of the furnish-
 ing of necessary equipment for and
 the driving of reinforced concrete
 piles for the foundations of two han-
 gar buildings and for a stiff-leg der-
 rick. Concrete piles will be furnished
 at the site by the Government.

Plans and specifications may be
 obtained from above office and from

the Bureau of Yards and Docks,
 Washington, D. C., upon deposit of
 \$10.00. 7

Complete Bids
POST OFFICE Est. Cost \$110,000
RICHMOND, Contra Costa Co., Calif.
 New United States Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of
 the Treasury Department, Wash-
 ington, D. C.

Low Bidder—James I. Barnes Con-
 struction Co., Builders' Exchange
 Bldg., Santa Monica.
 Complete bids follow:
 James I. Barnes Constr. Co., Santa
 Monica, \$94,000.
 K. E. Parker Co., San Francisco,
 \$97,300.
 Robert McCarthy, San Francisco,
 \$97,828.
 Dinwiddie Constr. Co., San Fran-
 cisco, \$101,400.
 Moore & Roberts, San Francisco,
 \$106,600.

Leo Epp, San Francisco, \$109,877.
 Schuler & McDonald, Inc., Oakland,
 Calif., \$114,773.
 Elmer Freetly, late bidder.

LOW BIDDER
FORT LEWIS, Wash.—G. W. Bail-
 ley Construction Company, Insurance
 Bldg., Seattle, at \$57,825, submitted
 low bid to Quartermaster, Fort Lew-
 is, for the construction of storage
 and motor shop at Fort Lewis. Sec-
 ond low bid was submitted by Nelse-
 Mortensen Co., Seattle, at \$58,634.
 Bids held under advisement. 7

BIDS OPENED
FORT LEWIS, Pierce Co., Wash.—
 J. W. Bailey Construction Company,
 Insurance Bldg., Seattle, at \$27,000
 submitted low bid to Quartermaster,
 Fort Lewis, for construction of Quar-
 termaster warehouse at Fort Lewis.

LOW BIDDERS
MARE ISLAND, Calif.—Edgemore
 Iron Works, Edgemore, Delaware, at
 \$102,800, submitted low bid to the
 Bureau of Yards and Docks, Navy
 Department, Washington, D. C., for
 120,000-lb. per hour boiler with water
 cooled walls, super-heater, air pre-
 heater, combination oil and gas burn-
 ers, forced and induced draft fans
 combustion air ducts, soot blowers,
 structural steel supports and acces-
 sories, at the Navy Yard, Mare Is-
 land; Spec. No. 8307.

Three low bids follow:
 Edgemore Iron Works, Edgemore,
 Delaware, \$102,800.
 Foster Wheeler Co., New York,
 \$108,669.
 Robert L. Johnson, San Francisco,
 \$19,585.

Complete bids will be published
 shortly.

LOW BIDDERS
SAN DIEGO, Calif.—Southwest
 Welding & Mfg. Co., Alhambra, at
 (1) \$32,700 (2) \$33,500 (3) \$53,700
 (4) \$27,000 (5) \$20,000 (6) \$14,100 sub-
 mitted low bid to Bureau of Yards
 and Docks, Navy Department, Wash-
 ington, D. C., for 25 moorings con-
 sisting of steel buoys chain, and an-
 chors at the Naval Operating Base,
 San Diego, under Spec. No. 8805.

Koppers Company, Baltimore sub-
 mitted second low bid at (1) \$93,000
 (2) \$111,000 (3) \$125,000 (4) \$3,000 (5)
 \$18,000 (6) \$12,500.
 Western Pipe and Steel Co., Los
 Angeles, were third low at (1) \$425-
 513 (2) \$131,368 (3) \$171,980 (4) \$2-
 015 (5) \$22,133 (6) \$15,906.
 Complete bids will be published
 shortly.

BIDS WANTED
SAN DIEGO, Calif.—Until August

23, 11 A. M., bids will be received by
 Public Officer, 11th Naval District,
 San Diego, for steel work for the
 extension of Existing Hangar No. 1,
 and for a new Hangar No. 1, and for
 a new Hangar No. 2 at the 11th Na-
 val District (Fleet Air Base) San
 Pedro.

The work consists in general of the
 furnishing of structural steel mate-
 rials, steel doors and windows and
 all labor for the erection of the
 steel work, windows and doors (ex-
 cept as otherwise specified) for ex-
 tending an existing steel frame han-
 gar, and for a new steel frame han-
 gar. The extension will be approx-
 imately 130 feet wide and 80 feet long
 and the new hangar will be 130 feet
 wide by 160 feet long. The work in-
 cludes steel doors and windows,
 structural steel work and painting.

Plans and specifications may be
 obtained from above office and from
 Bureau of Yards and Docks, Wash-
 ington, D. C., upon deposit of \$10.00.
 7

BIDS WANTED
SAN DIEGO, Cal.—Until Aug. 16,
 11 A. M., bids will be received by the
 Public Works Officer, 11th Naval
 District, foot of Broadway, San Di-
 ego, for driving test piles for com-
 bined Mess Hall-Galley-Barracks
 building at the Naval Operating Base
 (Destroyer Base), San Diego.

Work includes furnishing equip-
 ment and labor and driving 12 con-
 crete test piles. The Government will
 furnish the test piles to be driven.

Plans and specifications may be
 obtained from above office and from
 the Bureau of Yards & Docks, Wash-
 ington, D. C., upon deposit of \$10.00.

BIDS WANTED
SACRAMENTO, Calif.—Bids are
 being received by the Custodian, U. S.
 Post Office, Sacramento, for water-
 proofing walls at the Sacramento
 post office. No date for opening bids
 has been set as yet. 7

BIDS WANTED
SAN FRANCISCO.—Until August
 31, bids will be received by Treasury
 Department, Public Bldgs. Branch,
 Washington, D. C., for interior and
 exterior painting and repairs at the
 U. S. Custom House, San Francisco.
 Specifications may be obtained
 from the above office.

BIDS WANTED
PORTLAND, Oregon.—Until Aug.
 25, 10 A. M. bids will be received by
 Custom Office, Custom House, Port-
 land, Oregon for alterations at the
 U. S. Custom House, Portland, Ore-
 gon.

Specifications may be obtained
 from above office. 7

8— CLUB BUILDINGS

Planned
VETERANS HALL Cost, \$15,000
LAFAYETTE, Contra Costa Co., Cal.
 Veterans' Memorial Hall.
 Owner—American Legion, Lafayette
 Post, Lafayette.
 Architect—Not Given.
 Further details will be announced
 shortly.

BIDS WANTED
SANTA MARIA, Santa Barbara
 Co., Calif.—Until Aug. 22, 10 A. M.,
 bids will be received by Santa Bar-
 bara County Supervisors for the con-
 struction of a dining room addition
 to the Veterans Memorial Bldg., Santa
 Maria.
 Gibson-Drexler Bldg., Santa Maria,
 Plans and specifications may be
 obtained from Louis N. Crawford, 8
 Architect, upon deposit of \$10.00. 8

9— HOSPITALS

Funds Allotted
HOSPITAL Cost \$125,000
TULARE, Calif.
New municipal building.
Owner—City of Tulare.
Architect—Not given.
Grant of \$54,941 approved. • 9

Grant Approved
HEALTH CENTER Cost \$52,000
STOCKTON, San Joaquin Co., Cal.
Health Center. (Annex, 50 x 100 ft.),
offices, dental clinic, nurses'
rooms, etc.
Owner—County of San Joaquin.
Architect—J. U. Cloudsley, Exchange
Bldg., Stockton.
PWA approved grant of \$23,567.

Bids Wanted—To Close August 15,
10:30 A. M.
HOSPITAL Cost, \$76,000
MODESTO, Stanislaus County, Calif.
Two-story and basement Class B re-
inforced concrete county hospital
building known as unit 4 and in-
cluded in eventual group of 12
units.
Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901
Downey Avenue, Modesto.
Plans and specifications may be
obtained at the office of the county
clerk, Modesto, upon deposit of \$100.

Steel Contract Awarded
HOSPITAL Cost, \$200,000
GRASS VALLEY, Nevada Co., Calif.
Two-story reinforced concrete and
steel hospital bldg. (steel floors,
reinforced concrete walls, metal
lath and plaster partition, oil-fired
steam heat, air conditioning).
Owner—Grass Valley Memorial Hospi-
tal Assn., c/o Dr. Carl P.
Jones, Grass Valley.
Architect—Walter C. Clifford, 310 Lo-
cust St., S. F.

Structural Steel—Judson Pacific Co.,
609 Mission St., S. F.
Bids on the foundations will be
asked within a few days from a se-
lected list of contractors.

Contract Awarded
CLINIC. \$10,000
FRESNO, Calif. 405 No. Van Ness
Ave.
Medical Clinic.
Owner—Dr. Carl H. Chuck, 410 Brown
St., Fresno.
Architect—Not given.
Contractor—Richmond Constr. Co.,
P. O. Box 52, Fresno. • 9

BIDS WANTED
SAN DIEGO, Calif.—Until August
15, 10 A. M., bids will be received by
San Diego County Supervisors for the
construction of a women's infirmar-
y bldg. at the county tuberculosis
sanatorium, located at the site of
Vanclain Home, San Diego, a PWA
project. Separate bids will be taken
for the general work and for the
plumbing and heating. Plans and
specifications may be obtained from
Architect F. W. Stevenson, 408
Spreckels Theatre Bldg., San Diego,
upon deposit of \$25. Certified or
cashier's check or bond for 5% re-
quired. The bldg. will have concrete
walls, tile roof, concrete floor slabs,
comp. floor surfacing, int. tile work,
steam heat; est. cost \$146,000. • 9

10— HOTELS

Preparing Working Drawings
HEALTH CENTER. Cost \$52,000
STOCKTON, San Joaquin Co., Cal.
Health Center, brick construction.
(Annex, 50 x 100 ft.), offices, den-
tal clinic, nurses' rooms, etc.

Owner—County of San Joaquin.
Architect—J. U. Cloudsley, Exchange
Bldg., Stockton.
PWA approved grant of \$23,567.
(378) 1st rep. Aug. 8, 1938.

Plans Being Figured — Bids Close
Aug. 18.
RESORT BLDGS.
Echo Lake, Eldorado Co., Calif.
Group of resort bldgs. (rustic con-
struction) coffee shop, lodge,
store and boathouse.
Owner—C. Rocca.
Architect—John Knox Ballantine, Jr.,
137 Harlan Place, San Francisco.

13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS

Preparing Preliminary Plans
JAIL Cost, \$60,000
UKIAH, Mendocino Co., Calif.
Two-story reinforced concrete county
jail (steam heat, composition
roof, two cell blocks to accommo-
date 20 prisoners each; sheriff's
offices, kitchen, psychopathic
ward, women's and juvenile sec-
tions).
Owner—County of Mendocino.
Architect—Clarence Cankins, Rosen-
berg Bldg., Santa Rosa.
Application filed with the PWA for
a grant to assist in financing pro-
posed project.

Contract Awarded
PLASTERING Cont. Pr. \$9,975
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
General plastering, buildings around
North Square Court; Contract
No. 135.
Owner—S. F. Bay Exposition Co., Inc.
L. W. Cutler, Pres.), 585 Bush
St., San Francisco.
Plans by S. F. Bay Exposition Archi-
tectural Commission, 585 Bush
St. S. F.
Contractor—H. C. Reid & Co., 389
Clementina St., S. F.

Contract Awarded
LIGHTING Cont. Pr. \$31,419
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
High Bay Lighting, Palaces 13 and
14; Contract No. 196L.
Owner—S. F. Bay Exposition Co.,
(L. W. Cutler, Pres.), 585 Bush
St., S. F.
Plans by S. F. Bay Exposition Archi-
tectural Commission, 585 Bush St.,
S. F.
Contractor—M. J. King, 231 Franklin
St., S. F.

Contract Awarded
REPAIR ELEVATOR
Cont. Price \$5,953
SACRAMENTO, Calif. Office Bldg.
No. 1, Tenth and L Sts.
Repairs to passenger elevator.
Owner—State of California.
Architect—Geo. B. McDougall, State
Architect, Public Works Building,
12th and N Sts., Sacramento.
Contractor—Westinghouse Electric
Co., 1 Montgomery St., S. F. • 13
(380) 1st rep. July 20, 1938.

Preparing Preliminary Plans
CITY HALL, JAIL & FIREHOUSE.
NEWMAN, Stanislaus Co., Calif.
One-story and basement reinforced
concrete City Hall, Jail and Fire-
house.
Owner—City of Newman.
Architect—Russell G. de Lappe, 1901
Downey St., Modesto.
Labor will be furnished by the
WPA. • 13

BIDS OPENED
SAN LUIS OBISPO, Calif.—O. R.
Ochs, San Luis Obispo, submitted the
only bid at \$1,298 to the County
Clerk for remodeling a portion of

the San Luis Obispo County Jail.
Bid held under advisement until
PWA grant is approved.
(17) 1st report July 14, 1938. • 13

LIBRARY. Cost, \$500,000
SAN JOSE, Santa Clara Co., Calif.
Fourth Street.
New library bldg. at San Jose State
College. (60,000 sq. ft. of floor
space).
Owner—State of California.
Architect—George M. McDougall,
State Architect, Public Works
Bldg., 12th and N Streets, Sacto.
Further details will be announced
shortly. •

Contract Awarded
LIGHTING Cont. Pr. \$9,975
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
High Bay Lighting, Palaces 13 and
14; Contract No. 196L.
Owner—S. F. Bay Exposition Co.,
(L. W. Cutler, Pres.), 585 Bush
St., S. F.
Plans by S. F. Bay Exposition Archi-
tectural Commission, 585 Bush St.,
S. F.
Contractor—H. C. Reid & Co., 389
Clementina St., S. F.

Contract Awarded
PLASTERING. Cont. Pr. \$31,419
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
General plastering, buildings around
North Square Court; Contract
No. 135.
Owner—S. F. Bay Exposition Co., Inc.
L. W. Cutler, Pres.), 585 Bush
St., S. F.
Plans by S. F. Bay Exposition Archi-
tectural Commission, 585 Bush
St., S. F.
Contractor—M. J. King, 231 Franklin
St., S. F.

Bids Wanted—To Close August 15,
10:30 A. M.
HALL OF RECORDS
MODESTO, Stanislaus County, Calif.
Present courthouse site.
Three-story full basement Class A
fireproof hall of Records Bldg.
Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901
Downey Avenue, Modesto.
Plans and specifications may be
obtained at the office of the county
(618) 1st rep. July 1, 1938. • 13

Contract Awarded
ELEVATOR Cont. Pr. \$21,895
SACRAMENTO, State Capitol.
Installation of new elevator in State
Capitol.
Owner—State of California.
Architect—Geo. M. McDougall, State
Architect, Public Works Build-
ing, 12th & N Sts., Sacto.
Contractor—Otis Elevator Co., 1
Beach St., S. F.

Preparing Working Drawings
MEMORIAL BUILDING
Est. Cost, \$44,000
TRUCKEE, Nevada Co., Calif.
One- and part two-story concrete
American Legion memorial bldg.
Owner—County of Nevada.
Architect—George C. Sellon, Cali-
fornia State Life Bldg., Sacra-
mento.
Plans will be completed in two or
three weeks.

Preparing Working Drawings
ADDITION Est. Cost, \$80,000
AUBURN, Placer Co., Calif.
Two-story reinforced concrete addi-
tion to county courthouse, to
house jail and hall of records.
Owner—County of Placer.
Architect—George C. Sellon, Cali-
fornia State Life Bldg., Sacramento.

Plans will be completed in about two weeks.

Preparing Working Drawings ALTERATIONS Cost, \$.....
 UKIAH, Mendocino Co., Calif.
 Alterations to City Hall.
 Owner—City of Ukiah.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 (308) 1st rep. Aug. 3, 1938. 13

Plans Being Prepared
 CITY HALL Cost, \$130,000
 PORTERVILLE, Tulare Co., Calif.
 City Hall and City Jail Building.
 Owner—City of Porterville.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.

Preparing Plans
 HOSPITAL Cost, \$125,000
 TULARE, Tulare Co., Calif.
 New Municipal Building.
 Owner—City of Tulare.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.
 Grant of \$54,941 approved.

Contract Awarded
 POLICE & FIRE STATION
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of Police and Fire Station (North); Contract No. 178.
 Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—Clinton Const. Co., 923 Folsom St., San Francisco. *

Bids Opened
 NURSERY WARD Cost, \$.....
 SPADRA, Los Angeles Co., Cal. Pacific Colony.
 One- and two-story reinforced concrete nursery ward building with hollow tile partitions, steel sash and clay tile roof covering.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Low bids follow:
 Low Bidder—John Strona, Pomona, \$158,190.

Plumbing—Travers Riddle, Inc., Los Angeles, \$13,290.
Electric—Vancott Co., 4821 W 20th St., Los Angeles, \$5,842.

Heating and Ventilating—Hickman Bros., Los Angeles, \$10,812.

Complete bids follow:
General Work
 John Strona, Pomona.....\$158,190
 Baruch Corp., L. A.....159,773
 Harvey A. Nichols.....163,474
 J. I. Barnes, Santa Monica.....172,300
 W. E. Allen, Long Beach.....180,000
 Electric
 Vancott Company, L. A.....\$5,842
 MacFarlane Elec. Co., Santa Ana.....5,945
 Coast Elec. Co., T. A.....6,000
 Newberry Elec. Co., L. A.....6,158

Plumbing
 Travers Riddle, Inc., L. A.....\$13,290
 Kenneth Fraser, Pasadena.....13,452
 Hickman Bros., San Pedro.....14,142
 O. E. Ross, Pasadena.....15,157
 Munger & Munger, Pasadena.....15,281
 Younger & Fellows, L. A.....15,832

Heating and Ventilating
 Hickman Bros., L. A.....\$10,812
 Travers Riddle, L. A.....11,378
 Consolidated Htg. & Vent. Co., Los Angeles.....11,596
 Kenneth Fraser, L. A.....12,430
 Munger & Munger, L. A.....12,932
 O. E. Ross, Long Beach.....13,623
 Younger & Fellows, L. A.....15,082
 Bids held under advisement.

Bids Wanted — To Close Aug. 16,
 10 A. M.
 SHED, ETC.,
 SACRAMENTO, Calif. National Guard.
 Truck shed and supply building at the National Guard.
 Owner—State of California.
 Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
 Plans and specifications may be obtained from above office.

Additional Sub-Contracts Awarded WESTERN STATES BUILDING.
 Cont. Pr. \$133,700
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Complete construction of the Western States Building; Contract No. 168. One-story frame building (400x300 feet) surrounding center court (140x120 ft.) with auditorium in one wing to seat 800 and floor space to accommodate exhibits from the eleven Western States; some tile and some composition roofing.
 Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., S. F.
Magnasite Flooring—Hoaglund & Skuse, 557 Market St., S. F.
Roofing—Alta Roofing Co., 976 Indiana St., S. F.
Hardware—Marshall Newell Co., Spear and Mission Sts., S. F.
Glass—W. P. Fuller & Co., 301 Mission St., S. F.
 Other awards reported July 22nd.

CONTRACT AWARDED
 SACRAMENTO, Cal.—Willcoxon & Wilson, 1724 34th St., Sacramento, at \$3,110, awarded contract by State Department of Public Works for painting the grandstand at the State Fair grounds, Sacramento. * 13

Preparing Plans
 FIREHOUSE Cost, \$20,000
 CORNING, Tehama Co., Calif.
 Two-story concrete firehouse
 Owner—City of Tehama.
 Architect—Masten & Hurd, 442 Post St., San Francisco.
 Bonds in the amount of \$11,000 were recently voted. PWA approved grant.

CONTRACT AWARDED
 YERBA BUENA SHOALS, Calif.—Federal Ornamental Iron and Bronze Co., 16th and San Bruno, at \$247, awarded contract by Golden Gate International Exposition Commission, George Creel, Commissioner, San Francisco, for Memorial Inscription, Air Terminal Bldg., (Contract No.

Contract Awarded PURCHASE & REMOVE
 SAN FRANCISCO. Union Square Purchase and remove exhibition bldg. in Union Square; Contract No. 208.
 Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, pres.), 585 Bush St., S. F.
 Architect—S. F. Bay Expos. Architectural Commission, 585 Bush St., S. F.
 Contractor—Symon Bros. Wrecking Co., 1435 Market St.

BIDS WANTED
 YERBA BUENA SHOALS, Calif.—Until August 19, 3 P. M., bids will be received by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., for constructing bridges west of the Main Entrance.

Plans and specifications may be obtained from above office, Room 222.

14— RESIDENCE

Contract Awarded
 DUPLEX RESIDENCE Cost, \$8,000
 STOCKTON, San Joaquin Co., Calif.
 Two-story frame and stucco duplex residence with two-car detached garage, shingle roof, gas furnace linoleum and tile baths, wall beds gas stoves, refrigerators, insulation, wood sash, etc.
 Owner—D. E. A. Dunstan, 33 North Sutter St., Stockton.
 Architect—Joseph Losekann, 1023 N Madison St., Stockton.
 Contractor—J. Hoover, c/o arch. (108) 1st rep. June 16, 1938. * 14

Contract Awarded RESIDENCE. Cost, \$7300
 MERCED, Calif.
 One-story frame and stucco residence (6 rooms) wood siding, wood shingle roof, gas heating system, etc.
 Owner—Claude Adams.
 Architect—Chas. Butner, 7 Winham St., Salinas.
 Contractor—Cameron & Sons, P. O. Box 244, Merced.

Contracts Awarded RESIDENCE. Cost, \$.....
 SAN FRANCISCO, SE Marina Blvd. and Avila Street.
 Three-story yard basement frame and stucco residence (14 rooms, and 9 baths) hardwood floors, tile baths, slate roof, wood sash, steam boiler, heating plant.
 Owner—Marshall Dill, c/o Architect. Architect—William F. Gunnison, 251 Kearny St.
Structural Steel—Patterson & Koster Iron Works, 280 13th St.
Reinf. Steel—Gunn Carle & Co., 20 Potrero Ave.
Concrete—Golden West Concrete Co., 3 Boyce Ave.
Lumber—Loop Lumber Co., Central Basin.

Contract Awarded RESIDENCE. Cost, \$.....
 RICHMOND, Contra Costa Co., Calif.
 Mira Vista Highlands.
 Two-story and basement frame and stucco residence (tile roof, hardwood floors, tile baths, etc.)
 Owner—Mr. Waugh, c/o Architect.
 Architect—Edwin L. Snyder, 2104 Ad-dison St., Berkeley.
 Contractor—O. E. Ringeltaube, 1498 Marin Ave., Berkeley.

Plans Being Completed RESIDENCE Cost, \$18,000
 SACRAMENTO, Calif. 44th near Folsom Blvd.
 Two-story brick residence (12 rooms, 4 baths) cedar shingle roof, gas heating system, etc.
 Owner—John Davis.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Plans Being Completed RESIDENCE
 SACRAMENTO, Calif. 54th and Folsom Blvd.
 One-story frame and stucco residence (6 rooms), shingle roof, gas heating system, etc.
 Owner—J. W. Bolden.
 Architect—Herbert Goodpastor, Mitau Building, Sacramento.
 Bids will be asked in one week.

To Be Done By Day's Work RESIDENCE. Cost, \$7,500
 SAN JOSE, Santa Clara Co., Calif.
 McDaniel Ave.
 One-story frame and stucco residence (6 rooms).
 Owner and builder—Passetta Constr.

Co., 2390 Park Ave., San Jose.
Plans by—Owner. 14

Plans Being Figured
RESIDENCE.

STOCKTON, San Joaquin Co., Calif.
Two-story brick veneer residence
(10 rooms, 3 baths), shingle roof,
gas heating system, etc.
Owner—Dr. Langley Collis, Medico
Bldg., Stockton.
Architect—J. U. Cloudsley, Exchange
Bldg., Stockton.

About ten days will be allowed for
figuring the plans. Following will
submit bids:

E Merlo, Rt. 2, Box 232, Stockton.
F. J. Harrington, 345 E. Anderson
St., Stockton.
C. Totten, P. O. Box 833, Stockton.
T. E. Williamson, P. O. Box 93,
Stockton.
William E. Wheeler, 2444 E. Pine
St., Stockton.

Plans Being Completed

RESIDENCE Cost, \$.....
SEBASTOPOLE, Sonoma Co., Calif.
One-story frame and Redwood siding
residence (five rooms) hardwood
floors, tile bath, shingle roof, etc.
Owner—Mrs. Fred Chase, c/o Arch.
Architect—Clarence Caulkins, Rosen-
berg Bldg., Santa Rosa.
Bids will be asked shortly.

Contract Awarded

RESIDENCE Cost, \$.....
SONOMA, Calif.

Two-story frame and stucco resi-
dence (7 rooms), hardwood floors,
tile baths, wood sash, etc.

Owner—Dr. C. B. Andrews, c/o Arch.
Architect—Clarence Caulkins, Rosen-
berg Bldg., Santa Rosa.
Contractor—L. L. Thomas, P. O. Box
185, Sonoma.

Low Bidder

RESIDENCE.
CROCKETT, Contra Costa Co., Calif.
One-story frame and stucco resi-
dence; hardwood floors, tile bath,
etc.

Owner—Withheld.
Architect—Miller & Warnecke, 1700
Financial Center Bldg., Oakland.
Low bidder—A. Frederick Anderson,
1093 Longridge Road, Oakland.
Bids held under advisement.

Contract Awarded

RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co.,
Calif., Glendale Road.

Two-story stucco and rustic resi-
dence (8 rooms, 3 baths), shingle
roof, forced air heating system,
hardwood floors, tile baths, gar-
age.

Owner—J. A. Wade, c/o Architect.
Architect—Angus McSweeney, 604
Mission St., S. F.

Contractor—G. W. Williams Co., 10
California Drive, Burlingame.

Contract Awarded

RESIDENCE Cost, \$.....
ROSS, Marin Co., Calif.

Two-story frame and stucco resi-
dence (5 rooms) composition roof,
forced air heating system, wood
sash, hardwood floors, etc.

Owner—Carl Riskin, c/o Architect.
Architect—Angus McSweeney, 604
Mission St., San Francisco.
Contractor—Leibert & Trobeck, Al-
bert Bldg., San Rafael.

Contract Awarded

RESIDENCE Cost, \$8,000
SACRAMENTO, Calif., 1231 11th Ave.

One-story frame and stucco resi-
dence.

Owner—W. Heringer.
Architect—Not given.
Contractor—N. H. Lund, 2241 9th
Ave., Sacramento. 14

Contract Awarded

RESIDENCE Cost \$15,000
SACRAMENTO, Calif., 900 Santa Ynez
Way.

Two-story frame and stucco resi-
dence.

Owner—Miss Murchie, 3501 J Street,
Sacramento.
Architect—Not given.
Contractor—W. R. Saunders, 2614 I
St., Sacramento. 14

Contract Awarded

RESIDENCE Cost, \$5,604
BURLINGAME, San Mateo Co., Calif.

One-story frame and stucco resi-
dence.

Owner—Phillip E. Scott.
Architect—John E. Beuttler, 315
Montgomery St., S. F.
Contractor—Meister & Twisk, Paio
Alto.

Bids Opened

RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.

One-story frame and stucco resi-
dence (7 rooms) hardwood floors,
tile bath, wood sash, etc.

Owner—Wm. Jung, c/o Architect.
Architect—Charles McKenzie, Twoky
Bldg., San Jose.

Low Bidder—J. V. Gohranson, N.
10th St., Rt. 2, Box 231, San Jose.

Complete bids follow:

J. V. Gohranson, \$6,720.
F. C. Nelson, \$7,238.
V. Maggio, \$7,359.
J. M. Schirle, \$7,437.
Jos. Santi, \$7,464.
All of San Jose.
Bids held under advisement.

Contract Awarded

RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.

One-story frame and stucco resi-
dence (hardwood floors, tile bath,
wood sash, etc.)

Owner—Mr. Rohrbacher, c/o Arch.
Architect—Edward W. Kress, First
National Bank Bldg., San Jose.
Contractor—Dan Caputo, 401 Illi-
nois Ave., San Jose.

Plans Being Prepared

RESIDENCES.
SAN FRANCISCO, Calif. S. E. 31st

Ave. & Kirkham St.
Two, one-story frame and stucco
residences (5 rooms ea.)

Owner and builder—Mr. Perkins, c/o
Architect.
Architect—C. O. Clausen, 746 46th
Ave.

Contract Awarded

RESIDENCES Cost \$5,000 ea.
SAN FRANCISCO, Calif., SE 49th

Ave. and Geary St.
Six, one-story frame and stucco bun-
galows (5 rooms each).

Owner—Gus Muller.
Architect—C. O. Clausen, 746 46th
Ave.

Contractor—Herman Christensen, 1801
19th Ave.

Contract Awarded

RESIDENCE Cost \$5,500
SAN FRANCISCO, E. Richardson

Ave., S. F.
One-story and basement frame and
stucco residence.

Owner—Claire Steinman, 2535 Fran-
cisco St.
Architect—Sidney A. Colton, 18 Rico
Way.

Contractor—Property Improvement
Co., 919 Fell St. 14

Plans Being Prepared

RESIDENCE.
PALO ALTO, Santa Clara Co., Calif.

Two-story frame and stucco resi-
dence (8 rooms, 3 baths) shingle
roof, gas heating system, etc.

Owner—Mrs. Bliss.

Architect—Arthur Janssen, Rt. 1, Box
113, Redwood City.

Bids will be asked in about two
weeks. 14

Plans Being Figured

RESIDENCE.
MENLO PARK, San Mateo Co., Cal.

Felton Gables.
One-story frame and stucco resi-
dence (6 rooms, 2-car garage)
shingle roof, gas heating system,
etc.

Owner—J. de Angeles.
Architect—Arthur Janssen, Rt. 1, Box
113, Redwood City. 14

Sub-Bids Being Taken

RESIDENCE Cost \$3,500
VALLEJO, Solano Co., Calif. N.

Georgia St.
Two-story frame and stucco resi-
dence (Modern California Style),
(7 rooms, 2 baths), composition
roofing, gas heating system, etc.

Owner and builder—James E. Fuller,
710 Amador St., Vallejo.
Plans by Paul V. Tuttle, 3718 Grand
Ave., Oakland. 14

Contract Awarded

BUNGALOWS Cost, \$6,935
BURLINGAME, San Mateo Co., Cal.

Floribunda Avenue.
Two five-room bungalows and three-
car garage with two 1-rm. apts.
(oak floors, linoleum in kitchen,
tile baths, exterior rustic, roof,
shingles, gas fired heating sys-
tem, etc.)

Owner—Dr. H. T. Daley.
Architect—Oscar R. Thayer, 110 Sut-
ter St., San Francisco.

Contractor—Martin Peterson 128 Lor-
ton Ave., Burlingame. *

Contract Awarded

DUPLEX Cost, \$7,563
SAN MATEO, San Mateo Co., Cal.

Cor. Prospect Rd. and St. John's
Court.

One-story rustic and brick duplex
residence containing one 5-room
and one 4-rm. apts.; (gas hot air
heating, oak floors, split shingle
roof, fireplaces, etc.)

Owner—Mrs. Tegner, San Mateo.
Architect—Oscar R. Thayer, 110 Sut-
ter St., San Francisco.

Contractor—Martin Peterson 128 Lor-
ton Ave., Burlingame. *

Contract Awarded

RESIDENCE Cost, \$6,250
SAN MATEO, San Mateo Co., Cal.

Aragon Tract.
One-story frame residence (5 rms.)

Owner—R. D. Mattinson, San Fran-
cisco.

Architect—Oscar R. Thayer, 110 Sut-
ter St., San Francisco.

Contractor—Martin Peterson 128 Lor-
ton Ave., Burlingame. *

Contract Awarded

DUPLEX RES. Cont. Pr., \$8,078
SOUTH SAN FRANCISCO, San Mateo

Co., Calif.
One-story frame residence (8 rooms,
2 baths) hardwood floors, tile
baths, wood sash, etc.

Owner—Mr. Mastie.
Architect—Mario Corbett 72 3rd Ave.,
San Mateo.

Contractor—A. Bianchi, South S. F.

Contract Awarded

RESIDENCE Cont. Pr., \$6,990
BURLINGAME HILLS, San Mateo

Co., Calif.
Two-story modern residence (6 rms.,
two baths), hardwood floors, tile
bath, wood sash, etc.

Owner—Mr. Haley.
Architect—Mario Corbett 72 3rd Ave.,
San Mateo.

Contractor—Sundaust Bros, Burlin-
gama.

Contract Awarded
RESIDENCE Cost, \$.....
LOS ALTOS, Santa Clara Co., Calif.
 Two-story frame, stucco and brick veneer residence (8 rooms), cedar shake roof, steel double hung windows, tile and linoleum baths oil burning hot air heating system, hardwood floors, plaster interior, etc.

Owner—F. W. Cotten, c/o Architect, Architect—F. L. Confer, Claremont Hotel, Berkeley.
 Contractor—A. J. Wilbe, 991 Lincoln Ave., Palo Alto.

Preparing Working Drawings.
RESIDENCE. Cost \$11,000
MODESTO, Stanislaus Co., Calif.
 Two-story frame and stucco residence (8 rooms, 3 baths) shingle roof, gas heating system, wood sash, etc.

Owner—L. C. Black.
 Architect—Russell G. deLappe, 1901 Downey St., Modesto.
 Bids will be asked in about three weeks.

Plans Being Prepared
RESIDENCE. Cost \$5000
MODESTO, Stanislaus Co., Calif.

Two-story frame and stucco residence (5 rooms) wood shake roof.
 Owner—E. C. Evans.
 Architect—Russell G. deLappe, 1901 Downey St., Modesto.
 Bids will be asked in about three weeks. * 14

Contract Awarded
RESIDENCE. Cost \$9,000
SAN FRANCISCO, Calif. E. Norman Ave. S. Vallejo St.

Two-story and basement frame and stucco residence.
 Owner—David Raggio, 1256 Francisco St.
 Architect—Not given.
 Contractor—Sbarbo & Jorgensen, 207 Walnut St. * 14

Sub-Contracts Awarded
RESIDENCE Cost \$.....
ATHERTON OAKS, San Mateo Co.

One-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, tile baths, etc.
 Owner—E. W. Clapp.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.
 Plumbing—John Doyle, 719 Winslow St., Redwood City.
 Electric Wiring—Atlas Electric Co., 135 B St., San Mateo.
 Heating—G. & M. Sheet Metal Wks., San Mateo.
 Hardwood Floors—Backlund & Son, Menlo Park.
 Brick and Stone Work—C. F. Glen & Son, Palo Alto.
 Lumber—Merner Lumber Co., Palo Alto.
 Mill Work—Pacific Mfg. Co., Santa Clara.
 Lathing & Plastering—C. B. Henderson, 239 Ramona St., San Mateo.

Plans Being Figured — Bids Close
 Aug. 16
RESIDENCE.
HILLSBOROUGH, San Mateo Co., Calif.

Two-story frame residence (8 rooms, 4 baths) shake roof.
 Owner—Name withheld.
 Architect—William Wilson Wurster, 260 California St., S. F. * 14

To Be Done By Day's Work
RESIDENCE Cost, \$12,000
REDWOOD CITY, San Mateo Co., Cal. 630 Scale Avenue.
 1½-story frame residence.
 Owner & Builder—West Coast Houses

Inc., Redwood City.
 Architect—John A. Fennacy, Redwood City.

To Be Done By Day's Work
RESIDENCE Cost, \$6,000
BURLINGAME, San Mateo Co., Cal.

One-story frame and stucco residence.
 Owner and Builder—Richard P. Minor, 1444 Burlingame Ave., Burlingame.
 Architect—Leo J. Sharps, 1319 Howard Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. 5761-5781 Buena Vista Avenue.

Two-story frame and stucco residence (8 rooms).
 Owner—Helen C. Maurer, 50 York Drive, Piedmont.
 Plans by Irwin M. Johnson, 2219 7th Ave., Oakland.
 Contractor—Geo. J. Maurer, 50 York Drive, Piedmont. 14

Sub-Contracts Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO.

Two-story frame and wood exterior residence.
 Owner—George Eastman.
 Architect—John E. Dinwiddie, 360 Pine Street.
 Contractor—C. Lindberg, 1 Naylor St.
 Plumbing—Geo. Y. Norton, 2424 Ulloa.
 Electric Wiring—Storm & Smith, 1077 Valencia Street.
 Heating and Sheet Metal—Colan Htg. Co., 1060 Folson St.
 Glass—W. P. Fuller & Co., 301 Mission Street.
 Brick and Stone Work—A. Nelson, 242 Ocean Avenue.
 Foundations & Concrete—Clark Frank Co., 305 Bocana Street.
 Lumber—Smith Lumber Co., 4th and Channel Streets.
 Mill Work—Acme Mfg. Co., Inc., 345 Bayshore Blvd.
 Painting—Anton Carlson, 1631 Florida Street.
 All of San Francisco.
 (8) 1st report July 11, 1938. 14

Contract Awarded
SORORITY HOUSE Cost \$.....
BERKELEY, Alameda Co., Cal. Durant Ave.

Three-story frame and stucco sorority house (30 rooms) interior plaster over button lath, warm air heating system, shingle tile roof, tile baths, hardwood floors.
 Owner—Kappa Alpha Theta.
 Architect—Gardner A. Dalley, 210 Post St., San Francisco.
 Contractor—J. R. Armstrong, 1181 Flead Road, Oakland.

Contract Awarded
RESIDENCE. Cost \$11,000
SAN FRANCISCO. E. San Buena Ventura, N. St. Francis Blvd.

Two-story and basement frame and stucco residence.
 Owner—W. G. Hazlett.
 Architect—Chas. F. Strothoff, 2274 15th St.
 Contractor—J. Prout, 2530 Fillmore St.

Contract Awarded
RESIDENCE Cost, \$11,000
SAN FRANCISCO. East San Buena Ventura N. St. Francis Blvd.

Two-story and basement frame and stucco residence.
 Owner—W. G. Hazlett.
 Architect—Not Given.
 Contractor—J. Prout, 2530 Fillmore Street. 14

Plans Complete
RESIDENCES
SAN FRANCISCO, 31st and Escolta.

Four, one-story and basement frame

and stucco residences (5 rooms each), composition roofing, gas heating, plaster exterior, tile baths, etc.

Owner—G. W. Morris, 730 Athens St.
 Architect—D. E. Jaekle, 126 Post St.

Plans Being Completed
RESIDENCE.
BURLINGAME, San Mateo Co., Cal.

Eastern Drive and Bernal Ave.
 One-story frame residence (6 rooms), 3-car garage.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Plans Being Completed
LAFAYETTE, Contra Costa Co., Cal.

Two-story residence (adobe construction), 3 bedrooms, living room, dining room, kitchen, separate garage (split shake roof, oil burning hot air heating system, etc.
 Owner—Not given.
 Architect—Oscar R. Thayer, 110 Sutter St., S. F.

Plans Being Prepared
RESIDENCE. Cost \$5,500
ALAMEDA, Calif. 8th and Central Aves.

Two-story frame and stucco residence (6 rooms) shingle roof, gas heating system, oak flooring, tile bath, etc.
 Owner—C. C. Bennett.
 Plans by C. J. Parson, 1428 Franklin St., Oakland.
 Segregated bids will be taken Aug. 8th.

Plans Being Prepared
RESIDENCE. Cost \$5,500
OAKLAND, Ala. Co., Calif. McKinley Ave.

Two-story frame and stucco residence (6 rooms, 1 bath) shingle roof, Atlas gas heating system, oak flooring, etc.
 Owner—A. T. Barbis.
 Plans by C. J. Parson, 1428 Franklin St., Oakland.
 Segregated bids will be taken Aug. 9th.

Plans Being Prepared
RESIDENCES. Cost \$5,250 ea.
OAKLAND, Ala. Co., Calif. Wisconsin St.

Two, one & ½-story frame and stucco residences (5 rooms each) shingle roof, tile baths, oak flrs., steel sash, 2-car garage, etc.
 Owner and builder—J. D. Allison, 4130 Waterhouse Road, Oakland.
 Plans by C. J. Parson, 1428 Franklin St., Oakland.

Plans Completed
RESIDENCE Cost \$10,000
SAN FRANCISCO, Calif. San Benito and Ocean.

Two-story and basement frame and stucco residence (9 rooms, 3 baths), composition roof, gas heating system, wood sash, plaster exterior, tile baths, etc.
 Owner—L. J. Cosgrove.
 Architect—D. E. Jaekle, 126 Post St.

Plans Being Completed
RESIDENCE
BURLINGAME, San Mateo Co., Cal.

Drake Ave. W. Carmelita Ave.
 One-story frame residence (5 rooms) Colonial design.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 110 Sutter St., S. F.

PLANS BEING FIGURED

BURBANK, L. A. Co., Calif. Architect Wendell W. Warren, 3920 Wilshire Blvd., L. A., has completed plans and is taking bids from a selected list of contractors for a 17-unit bungalow court to be built in Burbank for a client; frame and stucco, comp. shingle roofs, cement

floors, 34 tile baths, gas wall heaters, wood sash, brick and concrete walks, 18 garages, asphalt concrete drive, landscaping, cost \$45,000. 14

Contract Awarded
RESIDENCE Cost, \$5,593
OAKLAND, Ala. Co., Calif. Ascot Drive.
One-story frame and stucco residence (5 rooms) shingle roof, gas heating system, etc.
Owner—Mr. Murray.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Contractor—Williams & Parson, 2262 80th Ave., Oakland.

RESIDENCE Cost, \$.....
MILLBRAE HIGHLANDS, San Mateo Co. Taylor Blvd., bet. Magnolia and Poplar.
Two-story frame residence (7 rooms, 2 baths), hardwood floors, tile baths, etc.
Owner—E. Whelan, c/o Archt.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Robert Black, 1935 Cabrillo St., S. F.

Plans Being Figured — Bids Close Aug. 18.
RESIDENCE
BELVEDERE, Marin Co. Calif.
Two-story frame residence (8 rooms, 3 baths) shingle roof.
Owner—Withheld.
Architect—W. W. Wurster, 260 California St., San Francisco.

Low Bidder.
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
Two-story brick residence (hardwood floors, tile baths, etc.)
Owner—E. Sample, c/o Architect.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
Low Bidder—John M. Schirle, 77 Hollywood Ave., San Jose.

To Be Done By Day's Work
RESIDENCES Cost \$5000 ea.
SAN FRANCISCO. E. 29th Ave. S. Noriego St.
Ten, one-story and basement frame and stucco residences.
Owner and builder—Henry Doelger, 320 Judah St.
Architect—Not given. 14

To Be Done By Day's Work
RESIDENCES Cost, \$6,500 each
SAN FRANCISCO. Cayuga and Mt. Vernon Avenues.
Two 2-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros. 1 Sloat Boulevard.
Architect—Not Given. 14

To Be Done By Day's Work
RESIDENCES Cost, \$4000 each
SAN FRANCISCO. Cayuga and Otawata.
Four 1- and 2-story frame and stucco residences.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. 14

15—SCHOOLS

Preparing Working Drawings
AUDITORIUM Est. cost, \$30,000
SANTA ROSA. Sonoma Co., Calif. Fremont Grammar School.
One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).
Owner—Fremont Elementary School District.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be taken in about two weeks.
(862) 1st rep. July 6, 1938. 15

Sub-Contracts Awarded
LABORATORY Cont. Pr., \$10,931
SAN FRANCISCO. Parnassus and Third Avenues.
Isolation laboratory to be erected on the Medical Center Campus of the University of California, San Francisco.

Owner—Regents of the University of California, Berkeley.
Plans by Engr. Dept. of Grounds & Bldgs., U. of C.
Contractor—Frank J. Reilly, Co., 6350 Fulton St., San Francisco.
Roofing—Bender Roofing Co., 18th and Bryant Streets.
Plumbing—Skelly & Kohler, 1342 9th Avenue.
Electric Wiring—Levy Electric Co., 1407 Bush St.
Heating—Skelly & Kohler, 1342 9th Avenue.
Sheet Metal—Morrison & Co., 74 Du-boce Avenue.
Glass—W. P. Fuller & Co., 301 Mission Street.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Lathing and Plastering—E. Stephens.

BIDS WANTED
SAN FRANCISCO.—Until August 24, 2:30 P. M., bids will be received by Department of Public Works, Rm. 251, City Hall, for heating equipment for the classroom bldg. at the High School of Commerce, Franklin and Fell Sts. Est. cost \$18,000.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of \$10.00.

BIDS WANTED
SAN FRANCISCO.—Until August 17, 2:30 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for cleaning roof and covering same with three layers of felt and gravel at the Portola Junior High School.
Specifications may be obtained from R. A. Chisholm, 490 11th St.

Bonds Voted
SCHOOL Est. Cost, \$75,000
HALF MOON BAY, San Mateo Co., Calif.

Frame and stucco elementary school building. (5 classrooms and auditorium).

Owner—Half Moon Bay Elementary School District.
Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

Bonds in the amount of \$40,000 were voted on Aug. 9.
PWA grant of \$35,000 still pending.

Bids Wanted — To Close Aug. 15, 7:30 P. M.

ADDITION Cost, \$17,000
CARUTHERS, Fresno Co., Calif.
Concrete addition to high school Bldg. (Shower & Locker Rooms building).

Owner—Caruthers Union High School District.
Architect—E. W. Peterson, Mason Bldg., Fresno.
Plans and specifications may be obtained from the architect.

August 10, 1938
Bids Wanted—To Close Aug. 23, 8 P. M.

GYMNASIUM Cost, \$32,000
UPPER LAKE, Lake Co., Calif.
One-story frame and stucco gymnasium bldg. at Upper Lake High School.

Owner—Upper Lake High Sch. Dist.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architect upon deposit of \$15.00.

Bids Opened
ADDITION
ALBANY, Ala. Co., Calif.
Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.
Owner—Albany High School District. Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—C. M. Teigland, 525 49th St., Oakland, \$52,570.
Complete bids follow:
C. M. Teigland, Oakland, \$52,570.
Elmer J. Freethy, Richmond, \$54,913.
David Nordstrom & Co., Oakland, \$55,686.
N. H. Sjoberg & Son, Oakland, \$58,668.
Villadsen Bros., Inc., Oakland, \$59,500.
E. T. Leiter Sons, Oakland, \$59,937.
Bids taken under advisement.

Prospective Bidders
AUDITORIUM & CLASSROOM Cost, \$50,000

DELANO, Kern County, Calif.
One-story reinforced concrete addition and classroom addition to Delano Elementary School.
Owner — Delano Elementary School District.

Architect—Franklin and Kump, Jr., Haberfelde Bldg., Bakersfield.

Plans and specifications may be obtained from the architects upon deposit of \$25.00.

Following have prepared plans. Bids open Aug. 15, 8 P. M.
Trehwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

W. J. Ochs, Inc., Helm Bldg., Fresno.

Fisher & McNulty, Mattei Bldg., Fresno.

T. C. & W. H. Irwin, 909 Mildreda, Fresno.

E. C. Frye, Porterville.
R. Hodgson & Sons, Porterville.
Graham & Dormanly, Delano.
Guy Hall, Bakersfield.

Preparing Preliminary Plans
HIGH SCHOOL Cost \$800,000
PHOENIX, Arizona.

High school building (auditorium, liberal arts and admin. bldg., cafeteria, gym., science, home economics and mechanical arts bldg., stadium and central heating plant, etc. (Concrete and brick structures, steam heat.

Owner—Phoenix High School District.
Architect—Lescher & Mahoney, Title & Trust Bldg., Phoenix, Ariz.

PWA approved grant of \$366,545 for the project. An election will be called shortly to vote bonds to finance the project.

Bids Opened
ELECTRIC WORK Cost, \$.....
SAN LUIS OBISPO, Calif. California Polytechnic School.

Installation of electrical work for gymnasium, consisting of the re-wiring and relighting of existing gym., including the installation of new transformers and panel boards.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Low Bidder: Allen R. Ochs, San Luis Obispo.

Complete bids follow:
Allen R. Ochs, San Luis Obispo, \$1,492.

Collins Electric Co., Stockton, \$1,613.

California Electric Co., Santa Barbara, \$1,652.

Bids held under advisement.

CONTRACT AWARDED
SAN FRANCISCO.—Peter Sartorio, 369 Pine St., at \$2,280, awarded contract by Department of Public Works.

for alterations to a classroom at the Girls' High School, Scott and Geary Sts. _____ * 15

Bids opened
LABRATORY BLDG.
Est. cost \$108,000

DAVIS, Yolo Co., Calif.
Construction of an Enology Bldg., on the campus of the Branch of the College of Agriculture.
Owner—Regents of the University of California, Berkeley.

Plans by Engr. Dept. of Grounds & Bldg. Dept.

Following are bids on plumbing, heating, electrical work, refrigeration, insulation and elevators. General bids reported in our issue of Aug. 4th, lowest bid being submitted by Campbell Constr. Co., Sacto., at \$41,464.

Plumbing and Heating

Scott Co., 243 Minna St., S. F., \$11,528.

Luppen & Hawley, Sacramento, \$12,067.

M. R. Carpenter, Sacramento, \$12,177.

Hately & Hately, Sacramento, \$12,569.

Electric

Kerr & Clifford, 4010 Foothill Blvd., Oakland, \$3,860.32.

Spott Electric Co., Oakland, \$3,987.00.

Kenney Electric Co., S. F., \$4,137.00.

E. J. Lynch, S. F., \$4,256.00.

Luppen & Hawley, Sacramento, \$4,561.00.

J. C. Hohrecht Co., Sacramento, \$4,814.00.

Refrigeration

Luppen & Hawley, 3126 J St., Sacramento, \$5,467.00.

York Ice Machine Co., S. F., \$6,750.00.

Hately & Hately, Sacramento, \$7,470.00.

M. R. Carpenter, Sacramento, \$7,435.00.

Cyclops Iron Works, S. F., \$8,466.91.

Oakland Refrigerator & Butchers' Supply Co., Oakland, \$9,397.00.

Insulation

Van Fleet Frear Co., 557 Howard St., S. F., \$5,727.

Cork Insulation Co., \$6,995.

Western Asbestos Co., S. F., \$7,369.

Luppen & Hawley, Sacramento, \$7,479.

Cyclops Iron Works, S. F., \$7,707.

Elevators

B. C. Van Emon Elevator Co., 224 Fremont St., S. F., \$1,200.

Otis Elevator Co., S. F., \$1,590.

Bids held under advisement until about Aug. 26th.

Funds Allotted
SCHOOL. Cost \$100,000
TINDSAY, Tulare Co., Calif.
New School.

Owner—Lindsay School District.
Architect—Not given.
Grant of \$45,000 approved by PWA.

Bids Wanted — To Close August 16,
8 P. M.
ADDITION.

MOUNTAIN VIEW, Santa Clara Co., Calif.

Library class room unit at High School.

Owner—Mountain View Union High School District.

Architect—Clark & Clark, 310 University Ave., Palo Alto.

Plans and specifications may be obtained from the architects upon deposit of \$25.00.

Funds Allotted
SCHOOL. Cost \$69,000
GARBERVILLE, Humboldt Co., Cal.

New elementary school building (4 classrooms and assembly hall).

Owner—Garberville Elementary Sch. District.

Architect—Frank T. Georgeson, Eureka.

PWA approved a grant of \$31,090 to assist in financing the proposed project. A bond election will be held in the near future.

Bids Wanted — To Close August 26,
8 P. M.

SCHOOL. Cost, \$59,213

ORINDA, Alameda County, Calif.

One-story frame and stucco grammar school to contain four classrooms.

Owner—Orinda School District.
Architect—Harold H. Weeks, 593 Market St., S. F.

Plans and specifications may be obtained from the architect upon deposit of \$20.00.

Preparing Working Drawings
SCHOOL. Cost \$100,000

BRENTWOOD, Contra Costa Co., Calif.

One-story frame and stucco school bldg. (13-15 classrooms)

Owner—Brentwood Deer Valley Sch. District.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.

BIDS WANTED

UPLAND, San Bernardino Co., Cal.

—Until August 20, 5 P. M., bids will be received by the Upland School District for a new elementary school building to be built on Fifth Ave. near Arrow Highway, Upland, a P W A project. It will be one-story, containing 15 classrooms, administration unit, kindergarten, library and toilet rooms; reinforced concrete construction; composition roofing, steel sash, cement floors. Est. cost, \$160,000. Plans are available at the office of Marsh, Smith and Powell, Architects, 508 Architects' Building, Los Angeles, upon deposit of \$50; 5% to accompany bid. _____ 15

BIDS WANTED

COALINGA, Fresno Co., Calif.—

Until August 31, 8 P. M., bids will be received by Coalinga Junior High School District, for finish hardware at the Junior High School at Coalinga. Plans prepared by Architect

W. D. Coates, Rowell Bldg., Fresno.

Bids Wanted — To Close Aug. 31,
8 P. M.

AUDITORIUM. Cost \$165,000

COALINGA, Fresno Co., Calif.

One-story reinforced concrete and steel auditorium at the Coalinga High School.

Owner—Coalinga Union High School District.

Architect—W. D. Coates, Rowell Bldg. Fresno.

Plans and specifications may be obtained from the architect.

BIDS WANTED

MOORPARK, L. A. Co., Calif.—

Until August 18, 7:30 P. M., bids will be received by the Moorpark Memorial Union High School Dist. for a new main bldg. to be constr. at the Moorpark High School. Cost \$65,000. The bldg. will contain an auditorium with seating capacity of 515 persons, 4 classrooms, 3 laboratories and offices. Richard M. Bates, Jr., 3670 Wilshire Blvd., L. A. _____ 15

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—

Following bids received by the Beardsley School District, Bakersfield, for furnishing and installing Venetian blinds in the new primary bldg. and cafeteria and music room extension at the Beardsley School. Stanton Willard, 1314 17th St., Ba-

kersfield, Architect.

(1) Deduct.

Great Western Venetian Blind Co., Bakersfield, \$662.00 (1) \$10.00.

Minners Furniture Co., Bakersfield, \$799.56 (1) \$944.20.

McNaul & Baxter, Bakersfield, \$805.85 (1) \$827.07.

F. W. Kamline, Bakersfield, \$835.45 (1) \$43.75.

F. W. Kimble, Bakersfield, \$960.00 (1) \$27.00.

Hunt Furniture, Bakersfield, \$1137.11 (1) \$91.84.

Bids held under advisement. _____ 15

Preparing Preliminary Plans
ALTERATIONS

ROSS, Marin Co., Calif.

Alterations and additions to elementary school.

Owner—Ross Elementary School District.

Architect—C. F. Gromme, Freitas Bldg., San Rafael and Albert Evers, 525 Market St., S. F. _____ 15

Plans Being Prepared
SCHOOL. Cost, \$15,000

HICKMAN, Stanislaus Co., Calif.

One-story frame auditorium (concrete basement).

Owner—Hickman Elementary School District.

Architect—G. N. Hilburn, 1211 K St., Modesto. _____ 15

Plans Being Figured
SCHOOL. Cost, \$15,000

EMPIRE, Stanislaus Co., Calif.

Frame school and concrete bus shed. (4 classrooms).

Owner—Empire Elementary School District.

Architect—G. N. Hilburn, 1211 K St., Modesto. _____ 15

Plans Being Prepared
SCHOOL. Cost, \$55,000

RIVERBANK, Stanislaus Co., Calif.

Concrete and frame school building (6 classrooms and auditorium).

Owner—Riverside Elementary School District.

Architect—G. N. Hilburn, 1211 K St., Modesto. _____ 15

Contract Awarded
PORTABLES

Cont. Price \$19,895

OAKLAND, Ala. Co., Calif.
Piedmont & Echo Sts.

Construction ten portable classrooms at Piedmont Avenue School.

Owner—Oakland School District.

Architect—W. G. Corlett, Second Ave. and E. 10th St., Oakland (School Administration Bldg.)

Contractor—J. F. Tulloch, 335 8th St., Oakland.

Other bidders were:

S. G. Johnson, Oak., \$20,204.

D. W. Nicholson, Oak., \$20,496.

J. R. Armstrong, Oak., \$21,325.

(22) 1st rep. Aug. 1, 1938; 2nd, Aug. 4, 1938. _____ 15

Preparing Working Drawings
JUNIOR COLLEGE ADDITIONS.

SANTA ROSA, Sonoma Co., Calif.
Cost, \$300,000

Addition of four units at the Junior College to contain administration offices, library, assembly hall and music rooms, agricultural depts. and shops.

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

The school district voted bonds July 18 in the amount of \$165,000, which proceeds together with expected PWA grant of \$135,000 will finance construction.

\$2.595 per cwt.; will equalize; no; 1/4% 10 days, 17c less.

Tennessee Coal, Iron & R. R. Co., Birmingham, Ala., \$2.75; will equalize; no; 1/4% 10 days, 17c less.
LaCade Steel Co., St. Louis: \$2.87 per cwt.; will equalize; no; 6% 10 days.

Carnegie-Illinois Steel Corp., Denver: \$3.05 per cwt.; will equalize; yes; 1/4% 10 days \$1.10 less. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 16, 2 P. M., bids will be received by the Los Angeles Water & Power Purchasing Agent for paper insulated lead covered cable, job 257 E. 3rd St., Spec. 2727, as follows:

- (1) 1000 ft. 1500 MCM single conductor, 600-volt cable;
- (2) 7000 ft. 1000 MCM do;
- (3) 25,000 ft. 500 MCM do;
- (4) 75,000 ft. 4/0 AWG cable, single conductor, 600-volt cable;
- (5) 76,000 ft. 1/0 AWG do;
- (6) 100,000 ft. No. AWG do;
- (7) 76,000 ft. No. 6 AWG do;
- (8) 2500 ft. 2/0 AWG cable, single conductor, 5000-volt;
- (9) 2500 ft. No. 2 AWG do;
- (10) 2500 ft. No. 6 AWG do;
- (11) 12,000 ft. 500 MCM cable, 3-conductor, 5000-volt;
- (12) 12,600 ft. 500 MCM do;
- (13) 12,000 ft. 500 MCM do;
- (14) 20,000 ft. No. 2/0 cable, do;
- (15) 10,500 ft. No. 6 cable, do.

* 20

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—San Jose Concrete Pipe Co., 580 Stockton Ave., San Jose, at \$1,755.12 (\$1.4626 per ton) submitted low bid and was awarded contract by the San Jose Council, John J. Lynch, City Clerk, City Hall, for furnishing 1200 lf. 18-inch reinforced concrete pipe. California Concrete Products Co., San Jose, at \$1,792.20 (\$1.493 per ton) submitted only other bid. * 20

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until August 15, 4:30 P. M., bids will be received by the Oakland Port Commission, 1000 Broadway, Oakland, for furnishing paving materials for the east and west runways, Oakland Airport, as follows:

- (1) 500 tons macadam rock;
 - (2) 1250 tons %-in. screening;
 - (3) 650 tons %-in. screenings;
 - (4) 325 tons asphalt road oil;
 - (5) 69 tons emulsified road oil.
- Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—San Jose Steel Co., Inc., 1344 The Alameda, San Jose, at \$7,612.84 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for furnishing (1) 135 tons 7/8-inch round cut bent to details reinf. steel; and (2) 7 tons %-inch round cut.

Total bids follow:
San Jose Steel Co., Inc., 1344 The Alameda, San Jose, (1) \$53.85 per ton; (2) \$43.52 per ton, total \$7,612.84.
Gilmore Steel & Supply Co., (1) \$74.40; (2) \$55.40, total \$8,136.80.
Bethlehem Steel Co., (1) \$65; (2) \$59.12, total \$9,276.32. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Neptune Meter Co., 320 Market St., San Francisco, at \$11,401.33 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 220 for 2,000 water meters in size 1/2-inch.

CONTRACT AWARDED

OAKLAND, Calif.—Grinnell Co. of The Pacific, 2230 Feralta, Oakland, at \$2,785.73, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 219, for 771 cast iron bell and spigot water pipe fittings of 6- to 12-inch diameter. * 20

BIDS WANTED

YAKIMA PROJECT, Wash.—Until Aug. 22, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1109-D, for furnishing and delivering structural steel for the Northern Pacific railroad bridge over the Yakima Ridge canal and the service bridge on the Roza diversion dam, Roza division, Yakima Project. Materials will be installed by the Government. F. O. B. shipping point and/or Crown-over, Wash.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75 not returnable. * 20

CONTRACT AWARDED

SACRAMENTO, Cal.—Acme Transportation, Inc., 1020 44th Ave., Oakland, at \$0.037 per gallon, submitted low bid and was awarded the contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 80,000 tons of asphalt road oil for use on runways at the Sacramento Airport.

Total bids follow: per gal.
Acme Trans. Co., Oakland.....\$0.037
A. Teichert & Son, Sacto.....0.0381
E. F. Hilliard, Sacramento.....0.039
Garcia Const. Co., Irvington.....0.0432
* 20

CONTRACT AWARDED

SACRAMENTO, Calif.—McGillivray Const. Co., P. O. Box 873, Sacramento at \$3.48 submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, for furnishing 3,000 tons asphalt concrete mixture. A. Teichert & Son, Inc., Sacramento, at \$3.82 submitted only other bid. (Continued on Next Page)

BIDS OPENED

SAN FRANCISCO.—U. S. Pipe and Foundry Co., Monadnock Bldg., S. F., at \$17,633.25 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2064, for furnishing 25,000 feet of 6-inch cast iron water pipe for the S. F. Water Department.

Total bids follow:
U. S. Pipe & Foundry Co., Monadnock Bldg., S. F., \$17,633.25.
Grinnell Company of the Pacific, \$17,935.00.
The Central Foundry, \$15,102.50.
American Cast Iron Pipe Co., \$18,147.50.
Pacific States Cast Iron Pipe Co., \$18,500.50. * 20

CONTRACTS AWARDED

SAN FRANCISCO.—Havslide Co., 56 Steuart, at (1) \$201.40 and Ingersoll-Rand Co., 350 Brannan St., (2) \$244.10 submitted low bids and were awarded contracts by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 368-39-63, for furnishing (1) 400 feet of chain and (2) air hose and fittings; f.o.b. Pier No. 3, Army Transport Dock, Fort Mason.

Bids were:
Havslide Co., 56 Steuart, (1) \$201.40, 2% 30 days.
Ingersoll-Rand Co., 350 Brannan St., (2) \$244.10, net.

Johnson & Joseph Co., (1) \$203.52, 2% 30 days.

Chicago Pneumatic Tool Co., (2) \$284.54 net.

Pioneer Rubber Mills submitted a partial bid on Item 2, 2% 10th prox.

CONTRACT AWARDED

SAN FRANCISCO.—Pioneer Rubber Mills, 353 Sacramento St., S. F., at \$182,000 submitted low bid and awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-58, for 200 feet air drill hose; f.o.b. Pier No. 3, Army Transport Dock, Fort Mason.

Total bids follow:
Pioneer Rubber Mills, 353 Sacramento St., S. F., \$182,000, 2% 10th prox.
C. W. Marwedel, \$214, 2% 10th prox.
Calphus-Fughel Co., Inc., 218, 2% 30 days.

Hercules Equip. & Rubber Co., \$220, 2% 10th prox.

Goodrich Mechanical Corp., \$224, net.
U. S. Rubber Products, \$238, 2% 10th prox. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-39-62, for furnishing 3504 FBM Redwood lumber; job Fort Funston.

Bids were:
Hobbs-Wall & Co., \$180.46; 2% 10 da.
A. L. Stockton Lbr. Co., \$180.46; 2% 10 days.

Allen & Dettmann Lbr. Co., \$176.95; 2% 10 days.

South City Lbr. & Supply Co., \$183.96;

Smith Lumber Co., \$176.95; 2% 10.
Rolando Lbr. Co., \$192.72; 2% 30.
2% 10 days.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—E. K. Wood Lumber Co., Frederick & King Sts., Oakland at \$71.25 2% 30 days, f.o.b. Roseburg, Oregon, submitted low bid and awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5995, for structural Douglas Fir lumber for the East Fork Coffee Creek Bridge. * 20

CONTRACT AWARDED

EL CENTRO, Imperial Co., Cal.—Contracts for materials and equipment for the construction of approx. 100 miles of distribution lines were awarded by the Imperial Irrigation District, El Centro, as follows:
Superior Pole Treating Co., Seattle: Western red cedar, butt treated, poles.
Electric Supplies Distributing Co., San Diego: wire and meters.

Rome Cable Corp., Inc., N. Y.: Service entrance cables.
Maydwell & Hartzell, Inc., Los Angeles: insulators.

Standard Transformer Co., Warren Ohio: transformers.
Graybar Electric Co., Los Angeles: Fuses and cutouts. * 20

August 9, 1938

CONTRACT AWARDED

SAN FRANCISCO.—Pioneer Rubber Mills, 353 Sacramento St., S. F., at \$182,000, 2% 10 prox., submitted low bid and awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-58, for 200 ft. air drill hose; f.o.b. Pier No. 3, Army Transport Dock, Fort Mason.

Amount of contract previously reported incorrect. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21 BRIDGES

CONTRACT AWARDED
SAN BENITO CO., Calif.—Wm. Radtke, 145 6th St., Gilroy, at \$7,357 submitted low bid and awarded contract by the San Benito County Board of Supervisors, Court House, Hollister, for the construction of a concrete and steel bridge across Pacheco Creek.
 Total bids follow:
 Wm. Radtke, 145 6th St., Gilroy, \$7,357.00.
 Geo. C. Remz, Gilroy, \$7,439.00
 J. J. Cardoza, \$8,250.00.
 F. C. Stolte Co., Alameda, \$8,600.00. * 21

LOW BIDDER
LOS ANGELES AND SAN BERNARDINO COS., Calif.—Paul D. Lawrence Co., 2127 N. Cahuenga Blvd., Los Angeles, at \$14,320.60 submitted low bid to the State Division of Highways, C. M. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of two spans of an existing three span reinforced concrete bridge across San Antonio Creek at Pomona, consisting of one 37-ft. 0-inch span and one 27-ft. 0-inch span on concrete bents and abutments and portions of roadway approaches to be graded and surfaced with Portland cement concrete pavement Los Angeles and San Bernardino Counties.
 Complete bids will be published shortly. * 21

CORRECTION—BIDS WANTED
MARIPOSA CO., Calif.—Until Aug. 25, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads Federal Office Bldg., Civic Center, S. F., for constructing bridges on Section A1 of Route 3, the Big Oak Flat Road, a length of 0.117 miles, Yosemite National Park, Mariposa County.
 Work involves:
 (1) 2,350 c.y. unclass. excav. for structures;
 (2) 500 c.y. disposal of previously excavated materials;
 (3) 3,164 c.y. concrete;
 (4) 433,000 lbs. reinforcing steel;
 (5) 8 drain inlets;
 (6) 240 lf. 6-inch galv. welded steel pipe.
 Plans and specifications may be obtained from the above office upon the deposit of \$10.00.
 Date previously reported incorrect. * 21

CONTRACT AWARDED
PLACER COUNTY, Calif.—Campbell Construction Co., 800 R Street, Sacramento, at \$117,881.00, awarded contract by the State Division of Highways, Public Works Building,

Sacramento, for construction of a steel girder and reinforced concrete deck overhead crossing over the tracks of the Southern Pacific Company at Colfax, consisting of one 101.99 ft. span, one 94.00 ft. span, one 99.97 ft. span, one 90.00 ft. span, one 88.59 ft. span and one 35.75 ft. span, Placer County. * 21

CONTRACT AWARDED
SAN BERNARDINO CO., Calif.—Vinson & Pringle, 919 E. Madison St., Phoenix, at \$67,903 awarded contract by the State Division of Highways, Sacramento, for construction of a reinforced concrete girder bridge, consisting of six 61-ft. 0-in. spans, and two 20-ft. 0-in. cantilever spans at Santa Ana River, one mile east of Colton, San Bernardino Co. * 21

CONTRACT AWARDED
ORANGE CO., Cal.—G. E. Kerns, 3712 Caviota Ave., Long Beach, at \$40,736 awarded contract by the State Division of Highways, Sacramento, for repairing a reinf. concrete continuous girder bridge across the Santa Ana River about two miles north of Newport Beach (VII-ORA-60-A), Orange County. * 21

CONTRACT AWARDED
ORANGE COUNTY, Calif.—A. L. Gabrielson, 3657 Van Buren Street, Arlington, at \$18,193 awarded contract by the State Division of Highways, Sacramento, for repairing a bridge across San Juan Creek, about eleven miles east of San Juan Capistrano (VII-ORA-64-B) and the approaches to be graded and surfaced with plant mixed surfacing, Orange County. * 21

CONTRACT AWARDED
MENDOCINO COUNTY, Calif.—F. J. Maurer & Son, Inc., 3031 E Street, Eureka, at \$47,548 awarded contract by the State Division of Highways, Sacramento, for construction of a reinforced concrete box girder bridge across South Eel river about nine miles northeast of Longvale, consisting of one 95-ft. 0-in. span, two 84-ft. 6-in. spans, and two 28-ft. 0-in. cantilever spans on concrete piers and grading about 0.23 mile of approach roadway (I-Men-Feeder Rd.) Mendocino County. * 21

CONTRACT AWARDED
SKAMANIA CO., Wash.—Averill & Corbin, Portland, Ore., at \$13,421.25 awarded contract by the United States Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for improvement of continuous 3-span reinforced concrete deck beam bridge with concrete piling over Toutle

River, St. Helen's Highway, National Forest Road Project 15-A9, Columbia National Forest, Skamania Co., Wash. * 21

CONTRACT AWARDED
HUMBOLDT CO., Calif.—E. E. Smith, 1636 B St., Eureka, at \$2,432.20 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for constructing a pile trestle bridge with concrete floor near Elinor in Road Dist. No. 2, Humboldt County, Calif.
 Fred Anderson, Rio Dell, at \$3,890 submitted only other bid. * 21

BIDS WANTED
HUMBOLDT CO., Calif.—Until August 31, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a reinforced concrete slab and girder bridge consisting of five 24-ft. 0-in. spans on concrete pile bents and one 40-ft. 0-in. span on concrete bents with spread footings and about fifteen hundredths mile grading and surfacing with plant-mixed surfacing, across Bridge creek, about 19 miles north of Garberville, Humboldt County.
 Work involves:

- (1) 15 acres clear and grub;
 - (2) 6 each remove and grub Redwood trees, Size 1;
 - (3) 3 do, Size 2;
 - (4) 2 do, Size 3;
 - (5) 1 each remove Redwood tree, Size 1;
 - (6) 1 only remove exist. bridge;
 - (7) 75 M. gals. water;
 - (8) 3,600 c.y. rdwy. excav., unclass.
 - (9) 615 c.y. strucc. excav.
 - (10) 1,800 c.y. imported borrow;
 - (11) 8 sta. finish rdwy.;
 - (12) 410 tons min. agg. plant mix surfacing;
 - (13) 20 tons liq. asph. SC-4 plant mix surfacing;
 - (14) 4 tons liq. asph. SC-1A prime coat;
 - (15) 4 tons asph. emulsion seal coat;
 - (16) 45 tons screen seal coat;
 - (17) 66,000 lbs. bar. reinf. steel;
 - (18) 345 c.y. of Class A Portland cement conc. strucc.;
 - (19) 260 lbs. bronze expansion plates
 - (20) 760 lf. furnish cast in place concrete piles;
 - (21) 20 each drive steel shells;
 - (22) 40 lf. 12-in. CMP;
 - (23) 144 lf. 18-in. CMP;
 - (24) 380 lf. lumber rail;
 - (25) 1 only detour bridge;
 - (26) 4 each culvert markers;
 - (27) 9 each monuments;
 - (28) 1 lot misc. items of work.
- The lot will furnish CMP, elbows, band couplers and taper inlet. Plans and specifications may be obtained from the above office. * 21

BIDS WANTED
RIVERSIDE COUNTY, Calif.—Until Sept. 1, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge consisting of three 22-ft. 0-in. spans and two 17-ft. 6-in. spans on concrete bents and abutments with steel pile foundations across the Middle Fork of San Timoteo creek about one mile northwest of Beaumont; and about 0.8 mi.

Capital City

Title Company

•

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

grading and surfacing with plant-mixed surfacing (VIII - Riv - 26-A), Riverside County.

Work involves:

- (1) 110 c.y. remove concrete;
- (2) 440 M. gals. water;
- (3) 16,000 c.y. rdwy. excav., unclass.
- (4) 254,000 sta. yds. overhaul;
- (5) 750 c.y. struc. excav.;
- (6) 39 sta. finish rdwy.;
- (7) 1,050 c.y. sand;
- (8) 19,000 sq. yds. blending roadbed;
- (9) 1,000 sq. yds. asph. paint binder;
- (10) 1,610 tons min. agg. plant mix surfacing;
- (11) 80 tons liq. asph. SC-4 plant mix surfacing;
- (12) 24,200 sq. yds. prepare, mix and shape roadbed;
- (13) 272 tons liq. asph. SC-2 road mix surf. treat.;
- (14) 8 tons liq. asph. 90-95 seal coat;
- (15) 95 tons screenings seal coat;
- (16) 60 tons sand seal coat;
- (17) 66,000 lbs. bar reinf. steel;
- (18) 395 c.y. Class A Portland cement conc. struc.;
- (19) 250 l.f. timber rail;
- (20) 394 l.f. furnish steel piles;
- (21) 24 each drive steel piles;
- (22) 70 c.y. wired riprap;
- (23) 22 l.f. 18-in. CMP;
- (24) 32 l.f. remove and relay 8-in. CMP pipe slope drains;
- (25) 3 each remove and reinstalling spillway assemblies;
- (26) 50 each guide posts;
- (27) 0.3 mile new property fence;
- (28) 3 each drive gates;
- (29) 5,000 sq. yds. remove and salvage detour surf.;
- (30) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento.

21

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Helwig Construction Co., 115 S. Main Street, Sebastopol, at \$6,328.00 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a concrete culvert at Kendall Gulch near Upper Mattole in Road District No. 1, Humboldt Co., Calif.

Total bids follow:

- Helwig Construction Co., Sebastopol, \$6,328.00.
 W. S. Selvage, Eureka, \$6,375.95.
 Henry Padgett, Fields Landing, \$6,800.50.
 W. F. Roscoe, Mattole, \$6,877.25.
 E. E. Smith, Eureka, \$7,139.00.
 Fred Anderson, Rio Dell, \$8,229.00.
 Spalletti & Sirl, Santa Rosa, \$11,845.86.

21

CONTRACT AWARDED

HUMBOLDT COUNTY, Calif.—Henry Padgett, Fields Landing, at \$5,835.50 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of two wooden bridges on Price Creek in Road Dist. No. 1, Humboldt Co., Calif.

Total bids follow:

- Henry Padgett, Fields Landing, \$5,835.50.
 Helwig Construction Co., Sebastopol, \$5,862.00.
 Fred Anderson, Rio Dell, \$6,166.50.
 E. E. Smith, Eureka, \$6,380.00.
 Cloney & Smith, Eureka, \$6,450.00.

21

CONTRACT AWARDED

PLUMAS COUNTY, Calif.—George Pollock Co., P. O. Box 99, Sacramento, at \$17,584 awarded contract by the State Division of Highways Public Works Bldg., Sacramento, for

construction of a steel girder overhead crossing with conc. deck over the tracks of the Western Pacific Railroad Company at Greenville; a steel girder bridge with concrete deck across Wolf Creek, and about 0.4 mile of grading and surfacing with screened gravel and road-mix surfacing, Plumas County.

21

22—DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

BONNEVILLE, Oregon—Until Aug. 30, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-15, for clearing the channel of Umatilla River between Yeakum and Nolin, Oregon.

Work involves:

- (1) 1 job clearing and grubbing;
- (2) 40,000 c.y. excavation.

Plans and specifications may be obtained from the above office.

22

BIDS OPENED

—ARE ISLAND.—Basalt Rock Co., Inc., 900 Eighth St., Napa, at \$146,169.21 submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8849, for extension and repairs to Dike No. 12, Navy Yard, Mare Island. Est. cost \$250,000.

Work involves:

- (1) Work complete;
- (2) Constructing additional 100 feet extension from Sta. 124 to Sta. 125.
- (3) Constructing additional 100 feet extension from Sta. 125 to Sta. 126.
- (4) Constructing additional 100 feet extension from Sta. 126 to Sta. 127;
- (5) Constructing additional 100 feet extension from Sta. 127 to Sta. 128.
- (6) Constructing additional 100 feet extension from Sta. 128 to Sta. 129.
- (7) Price per ton for depositing 12,000 tons core rock on low portion of old dike.

Complete bids follow:

- Basalt Rock Co., Inc., 900 8th St., Napa, at \$146,169.21; (2) \$7,399.95; (3) \$7,399.95; (4) \$7,399.95; (5) \$7,399.95; (6) \$7,399.95; (7) \$19,800.
 Geo. Pollock Co., Sacramento, (1) \$192,950, (2) \$10,600 (3) \$10,600, (4) \$10,600, (5) \$10,600, (6) \$10,600, (7) \$120.

- Daniel Contracting Co., S. F., (1) \$207,365, (2) \$10,900, (3) \$10,900, (4) \$10,900, (5) \$10,900, (6) \$10,900, (7) \$225.

- Biakie Bros., S. F., (1) \$286,700, (2) \$14,700, (3) \$14,700, (4) \$14,700, (5) \$14,700, (6) \$14,700, (7) \$140.

22

BIDS WANTED

LONG BEACH, Cal.—Until August 17, 10 A. M., bids will be received by the Long Beach Harbor Commissioners, 130 S. Pico Ave., Long Beach, for constructing a timber wharf, doing certain dredging, and furnishing and placing rock riprap, in accordance with plans which may be obtained at the office of the board, upon deposit of \$50, returnable. Certified check or bank draft or bond for 10% must accompany each proposal. The work involves:

- (1) Construct creosoted pile and timber wharf 66x542.91 ft. inc. creosoted pile and timber sheet pile bulkhead, wharf pile, valves, fittings, railway track complete, bituminous paving, and mooring bollards and cleats;

- (2) dredging, approx. 32,000 to el min-us 35, const clay dikes;
- (3) furnishing and placing 7200 tons rock riprap on slopes.

D. A. Marshall is Port Manager.

22

BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 18, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-17, for raising and strengthening the existing levee as follows:

- (a) The east levee of Feather River along the Western Pacific R. R. at Marysville, from D St. Bridge to Yuba City Bridge, approximately 4,400 feet.
- (b) Along the north levee of Yankee Slough on the Bear River levee system from the Western Pacific R. R. to a point approximately 4,000 feet upstream.

Work involves:

- SCHEDULE Part (a)
- (1) 17,000 c.y. levee embankment, in place;
 - (2) 2,300 M. gals. water for compaction purposes applied.
- SCHEDULE Part (b)
- (3) 88,100 c.y. levee embankment, in place;
 - (4) 3,300 M. gals. water for compaction purposes applied;
 - (5) 112 c.y. road gravel, in place;
 - (6) 29 c.y. Class "A" concrete, in place;
 - (7) 2,725 lbs. reinforcing steel, in place;
 - (8) 106 lf. corrugated iron pipe, 36-inch diameter No. 10 gauge, with necessary 36-inch diameter band couplers, in place;
 - (9) 1 Calco No. 100, 36-inch diameter automatic drainage gate, or equal in place;
 - (10) 6 tons "Oroville" cobbles in place;
 - (11) 1 job remove and waste existing 24-inch diameter pipe and gate, Sta. 075.

SCHEDULE (C) Total Parts (a) and (b) combined

Plans and specifications may be obtained from the above office.

22

BIDS OPENED

OAKLAND, Calif.—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco, at \$13,726 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Spec. No. 49, for furnishing and driving 49 concrete piles for the East Bay Aqueduct at crossing over levees of Old River, Middle River and Indian Creek.

Total bids follow:

- Raymond Concrete Pile Co., 333 Montgomery St., S. F., \$13,726.00.
 Frank Legg, S. F., \$17,993.75.
 The Duncanson Harelson Co., S.F., \$18,140.50.

- P. Sinnock, Stockton, \$18,337.50.
 M. B. McGowan Inc., S. F., \$19,331.25.

- A. W. Kitchen & Co., S. F., \$19,735.25.

- Bundesen & Lauritzen, Pittsburg, \$21,851.25.

22

BIDS WANTED

SHOSHONE PROJECT, Wyo.—Until Aug. 31, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Cody, Wyoming, under Spec. No. 704, for the construction of earthwork, tunnel, bench flume, canal lining, and structures, Heart Mountain canal, station 920-00 to station 947-30 and station 981-95 to station 1229-00, Heart Mountain division, Shoshone project, Wyo.

Plans and specifications may be

obtained from the above office and from the offices of the Bureau of Reclamation, Denver, Colorado and Washington, D. C.

No charge to prospective bidders for specifications; to others, \$2.00 not returnable. • 22

BIDS WANTED

SEATTLE, Wash.—Until Aug. 29, 10 A. M., bids will be received by the Port of Seattle Commission, Smith M. Wilson, Secretary, 406 Bell Street Terminal, Seattle, for excavation, bulkheading and riprap at the Port of Seattle's Pier No. 40, Smith's Cove Terminal.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. • 22

BIDS OPENED

BOISE PROJECT, Idaho.—Geo. B. Henly Construction Co., Ontario, Oregon, at \$8,985, submitted low bid to the U. S. Bureau of Reclamation, P.O. Box 937, Boise, for construction of Earthwork "D" Line Laterals 2.1 to 24.3 Payette Division, Boise Project, Idaho.

Total bids follow:
Geo. B. Henly Constr. Co., Ontario, \$8,985.00.

Henry L. Horn, Caldwell, \$11,135.00.
J. A. Terteling & Sons, Boise, \$11,447.50.

Hass, Doughty & Jones and Marshall & Stacy, Emmett, \$12,612.50. • 22

24—STREET LIGHTING

BIDS OPENED

LONG BEACH, Calif.—Fritz Ziebarth, 808 Security Bldg., Long Beach at \$33,936.41 submitted low bid to the Long Beach City Council for construction of ornamental lighting system in American Ave. between Anaheim Street and Willow Street, involving installation of bases, wires, brackets, lamps, globes, potheads and transformers on 136 existing steel poles. Other bids were:
Newberry Elec. Corp., L. A., \$36,351.
H. H. Walker, L. A., \$36,600.
H. O. Bauerle, \$38,212.
Kuster-Wetzel Elec. Co., Long Beach \$38,593.

R. A. Wattson, L. A., \$39,850. • 24

25—MACHINERY AND EQUIPMENT

BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 19, 3:00 P. M. bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-39-36, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers, Calif.

Plans and specifications available at the above office. • 25

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following submitted bids to Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing one 85-foot aerial ladder motor truck.

Bids were:
The Seagrave Corp., \$18,933.97.
Ahrens Fox Fire Engines (Pacific Fire Extinguisher Co.), \$19,740.

Peters-Perish, Wisconsin, \$18,231 (wood main ladder); \$18,540 (metal main ladder).

American LaFrance & Foamite Industries, Inc., \$18,836.12. • 25

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until August 16, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing one motor for air blower.

Plans and specifications available from above office. • 25

BIDS WANTED

GLENDALE, Los Angeles Co., Cal.—Until Aug. 31, 10 A. M., bids will be received by Glendale City Clerk for steam turbo-electric generator unit and appurtenances in accordance with Spec. 202, available from Supt. of Public Service Dept., Glendale. Certified check for 10% must accompany bid. G. E. Chapman city clerk. • 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-28, for furnishing of the following equipment for use on levee and misc work between Colusa and Monite Weir along the easterly side of the Sacramento River, Calif.

- (1) One water truck equipped with 1,000 gallons (or larger) water tank and road sprinkling device for 45 days.
- (1) I roofer or ripper, LeTourneau Type S, or equal for 45 days.
- (3) 1 sheepsfoot roller, LeTourneau No. 127 or equal for 100 days use.
- (4) Mobilization and delivery of above equipment to U. S. Engineer in vicinity of Colusa, Calif.

Bids were:
C. G. Willis & Sons Inc., Los Angeles, (3) \$3.00 per hr., (4) \$100.
Portola Truck Service, San Francisco, (1) \$10.00, (4) no charge.

Bruno Skibo, Oakland, (1) \$9.99 per hr., (4) no charge.
N. M. Ball Sons, Berkeley, (1) \$12, (4) \$30.

Olympian Dredging Co., S. F., (2) \$4.50, (4) \$60.
Joe Cunha, Hayward, (1) \$8, (4) no charge.

Hayward Building Supply Co., Hayward, (1) \$8, (4) no charge.
No. Sikes, Patterson, (1) \$12.50, (4) no charge.

Thompson and Bell, Marysville, (1) \$12, (2) \$7.50, (3) \$6, (4) \$20.00 for each item. • 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., under Bid No. 1321, for rental of six dump trucks rated capacity of 2½ tons, equipped with hydraulic-operated dump bodies of not less than 2½-cu. yds. f.o.b. Del Rosa, Calif.

Bids were:
J. D. McCoy, 1 truck at 18c per mile, 5% 10 days.

Portola Truck Service, 2 at 25c per mile, 2% 20 days.
Lerer Bros., 1 at 25c, net.

H. E. Springer, 2 at 25¼c, 4% 10 days. • 25

BIDS OPENED

SAN FRANCISCO.—Portola Truck Service, San Francisco, at \$0.095 per mile, each (3 trucks), ¼% 20 days, submitted only bid to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., for rental of three ½-ton pickup trucks of not less than 110-inch wheelbase, equipped with single rear wheels f.o.b. Forest Service Warehouse, Del Rosa, Calif. • 25

BIDS OPENED

LOS ANGELES, Calif.—Geo. Gardner & Sons, Redlands, at \$7.50 hour, submitted only bid to State Highway Dept., L. A., for the rental of a 6-ft. to 7-ft. oil mixer, rebuilt 1937, for use on State Highway Route 1A-60-B, Roosevelt Highway north of Santa Monica, for approx. 10 working days. • 25

BIDS WANTED

BONNEVILLE, Ore.—Until September ¼13, 3:00 P. M., bids will be tendered 13, 3:00 P. M., bids will be received by District Engineer, Bonneville, Oregon, under Bid No. 694-39-13, for furnishing and delivering two 74,000 H. P. turbines with accessories, governing equipment and embedded parts for the Bonneville Project, F.O.B. shipping point.

Plans and specifications may be obtained from the above office. • 25

BIDS OPENED

OWHYEE PROJECT, Oregon-Idaho.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1095-D, for furnishing and delivering one-plate-steel pump-discharge manifold for the Owhyee Ditch pumping plant, Owhyee Project; f.o.b. shipping point and/or Dunaway, Oregon. Materials will be installed by the Government.

Bids were:
The Thompson Mfg. Co., Denver, \$3375, wt. 40,000; ¼% f.o.b. Dunaway.
Calif. Steel Products Co., San Francisco, \$3,188, wt. 40,000; f.o.b. S. F.
Lacey Mfg. Co., Los Angeles, \$3650, wt. 40,000; f.o.b. L. A.
Commercial Iron Works, Portland, \$4,150, wt. 46,000; f.o.b. Portland.

Southwest Welding & Mfg. Co., Alhambra, \$4,200, wt. 41,000; ¼% f.o.b. Alhambra.

Columbia Steel Tank Co., Kansas City, \$3,891, wt. 41,000; f.o.b. Kansas City.

Lakeside Bridge & Steel Co., Milwaukee Wisc., \$3,200, wt. 39,200; f.o.b. Milwaukee.

Beall Pipe & Tank Corp., Portland, \$3,600, wt. 36,000; f.o.b. Portland.

Western Pipe & Steel Co., of Calif., San Francisco, \$3,734, wt. 36,000; f.o.b. S. F.

Chicago Bridge & Iron Co., Chicago, \$4,770, wt. 38,000; f.o.b. Wash. Hts., Ill.

Bethlehem Steel Co., Bethlehem, Pa., \$3,550, wt. 37,600; f.o.b. Leetadale, Pa.

Olson Mfg. Co., Boise, \$4500, wt. 39,000; f.o.b. destination.
Berkeley Steel Construction Co., Inc., Berkeley, \$3950, wt. 38,000; ¼% f.o.b. Berkeley.

Smith Corp., d/b/a General Iron & Steel Works, Portland, \$3,684, wt. 39,618; f.o.b. Portland.

McCulloch & Sons, Portland, \$3,200, wt. 36,500; ¼% f.o.b. Portland.

John W. Beam, Denver, \$3,450, wt. 38,000; 2¼% f.o.b. Chicago. • 25

BIDS OPENED

MONTEREY AND SAN BENITO COS., Calif.—Elmer Silacel, Box 24, Cambria, at \$3.00 per hour submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of a 3¼-ton (or greater) flat rack truck with operator and fuel for intermittent work on State highways in Monterey and San Benito Counties, Calif.

Cornell Tractor Co., Salinas, at \$3.50 per hour submitted only other bid. • 25

CONTRACT AWARDED

SACRAMENTO, Calif.—Spears Well Machinery Co., 1832 W. 9th St., Oakland, at \$12 per days awarded

contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the rental of one Spearwell Heater Planer, or equal, for use of the Street Maintenance Division, of the City of Sacramento. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 12, 2 P. M., bids will be received by the State Highway Dept., L. A., for the rental of one to two motor graders, two or more H. P., with 10-ft. to 12-ft. blade, power controlled, mould board approx. 21 inches, for use anywhere in L. A., Orange, or Ventura Counties, for a period of approx. 20 working days. The work on which the grader will first be used is on Base Line Road near San Bernardino County Line and on Garvey Ave. Bids must be submitted on forms obtainable only at the office of the state highway dept., 808 State Bldg., L. A. W. L. Fahey, District Maintenance Engineer. * 25

BIDS OPENED

SAN FRANCISCO.—National Tank & Mfg. Co., Los Angeles, at \$1290 (1) and \$1355 (2), submitted low bid to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., under Bid No. 1317, for furnishing 10 water storage tanks, capacity not less than 5,000 gallons, F.O.B. (1) bidder's shipping point; (2) Arcadia, Calif.

Total bids were:
National Tank & Mfg. Co., L. A., (1) \$1290, Los Angeles; (2) \$1355.
Western Pipe & Steel Co., (1) \$1500, L. A.; (2) \$1575.
J. F. Holbrook Co., (1) \$1550, L. A., (2) \$1600.
American Pipe & Steel Co., (1) \$1800, Alhambra, (2) \$1850. * 25

BIDS WANTED

BONNEVILLE, Ore.—As previously reported, until Sept. 13, 3 P. M., bids will be received by District Engineer, Bonneville, under Bid No. 694-39-13, for furnishing and delivering two 74,000-h.p. turbines with accessories, governing equipment and embedded parts for the Bonneville Project; fob shipping point.

Plans and specifications may be obtained from the above office. * 25

August 10, 1938

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until August 13, 10:30 A. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for rental of equipment, as follows:

- (1) One or more truck shovels, capacity 4/10 cu. yds.
- (2) One or more 4 c.y. dump trucks;
- (3) One or more 3 c.y. dump trucks;
- (4) One or more 2 c.y. dump trucks;
- (5) One or more 1/2-ton expressers.

Above equipment for use throughout District X. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. 1105-39-19, for the hire at hourly rates of one dragline excavator with operating personnel on levee and misc. work at various places along the easterly bank of the Sacramento River between Colusa and Moulton Weir, Calif.

- Bids taken on:
- (1) Rate per hr. for time dragline bucket is actually at work;
 - (2) Rate per hr. for time dragline bucket is held idle;

(3) Rate per hr. for moving dragline from one job to another on its own power;

(4) Cost of delivering dragline to the U. S. in the vicinity of Colusa and for removal therefrom by the contractor.

Bids were:

Lee A. Phillips, Brentwood, (1) \$6, (2) \$3,125, (3) \$5.25, (4) \$250.

Williams Bros. & Haas, Inc., S. F., (1) \$4.84, (2) \$2.64, (3) \$4.84, (4) \$300.

Hemstreet & Bell, Marysville, (1) \$6.25, (2) \$3, (3) \$5, (4) \$150.

C. A. Baker, Sacramento, (1) \$6.50, (2) \$4, (3) \$6.50, (4) \$2.00.

H. Sykes, Patterson, (1) \$6.20, (2) \$3.20, (3) \$6.20, (4) \$100.

C. G. Willison Inc., (1) \$6.95, (2) \$3, (3) \$6, (4) \$700.

T. M. Morgan Paving Co., (1) \$5.90, (2) \$4, (3) \$5.90, (4) \$350.

W. H. Blake, (1) \$6.40, (2) \$6.40, (3) \$6.40, (4) \$6.40.

R. G. Till, (1) \$7.00, (2) \$7.00, (3) \$7.00, (4) no charge.

J. R. Reeves, Sacramento, (1) \$5.75, (2) \$5, (3) \$5, (4) \$100.

Delta Construction Co., Stockton, (1) \$7.50, (2) \$4, (3) \$6, (4) \$150.

Delta Dredging Co., Pittsburg, (1) \$5.45, (2) \$5, (3) \$5.45, (4) \$00. * 25

BIDS WANTED

COLORADO RIVER PROJ., Tex.—Until August 25, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1110-D, for furnishing and delivering two 28x28-ft. bulkhead gates for installation at the inlet ends of the diversion conduits at the Marshall Ford Dam, Colorado River Project, Texas; fob shipping point and/or Rutledge, Texas. Gates will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00, not returnable. * 25

BIDS WANTED

DENVER, Colo.—Until Aug. 24, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1111-D, for furnishing and delivering one plate-steel discharge manifold and appurtenances for the Glendive pumping plant Buffalo Rapids Proj., Montana; and plate-steel penstock and discharge pipe and appurtenances for Succor Creek pumping plant No. 2, Owyhee Project, Oregon-Idaho; fob shipping point and/or railroad destination. The materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$75, not returnable. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 5487, Req. No. 15664, for furnishing one 10-ft. dual-drive, gasolinepowered motor-grader with scarifier; f.o.b. Sacramento.

Bids were:

J. D. Adams Co., S. F., \$4,179, 2% 30 days.

Sacramento Tractor & Equip. Co., Sacramento, \$3,695, 2% 30 days.

Weaver Tractor Co., Sacramento, \$3,491.70, \$500.00 30 days.

Snears Wells Machinery Co., Oakland, \$3,770, \$100.00 10 days.

Knox-Hale Machinery Co., S. F., \$3,924.00, 2% 20 days.

Hartton Rickard & McCone Co., S. F., \$3,461, \$56.67 30 days. * 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:

BID No. 5840—Vallejo Oil Co.: \$0-04620; 2%-20; 1%-30; diesel oil.

BID No. 5814—Leitch and Co.: \$75; net; grinding machine.

BID No. 5813—Leitch and Co.: \$100; net; grinding machine.

BID No. 5820—Tynan L. C.: \$2.60; net; \$390; Portland cement. * 25

29—STREETS AND HIGHWAYS

BIDS WANTED

PLEASANTON, Alameda Co., Cal.—Until August 16, 8:00 P. M., bids will be received by the Town of Pleasanton, City Clerk, City Hall, Pleasanton, for about 0.044 miles improvement of Division Street and St. Marys Street in the town of Pleasanton, Calif.

Work involves:

- (1) 900 c.y. roadway excav.
- (2) 1450 c.y. salvage and relay existing gravel base;
- (3) 200 c.y. creek run gravel base material;
- (4) 800 tons mineral aggregate for road mix surfacing;
- (5) 35 tons sand for seal coat;
- (6) 75 tons ROMC-4 liquid asphalt for road mix surfacing;
- (7) 4 tons of 90-95 asphaltic emulsions for seal coat;
- (8) 5 reset sewer manholes;
- (9) 1 reset sewer lamphole;

Plans and specifications may be obtained at the office of the City Engineer in Hayward, J. Mancln, upon the deposit of \$10.00, of which \$5.00 is returnable. * 29

CONTRACT AWARDED

NYE COUNTY, Nev.—U. B. Lee, 1159 Estudillo Ave., San Leandro, at \$29,782.00 submitted low bid and awarded contract by the State of Nevada Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of a roadmix bituminous surface on approximately 21.75 miles State Highway System from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye County, Nev.

Silver State Construction Co., Inc., Fallon, at \$29,801.00 submitted second low bid.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

SAN FRANCISCO.—The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$1,176.00 awarded contract by the Dept. of Public Works, Room 251 City Hall, under Spec. No. 19170, for the improvement of the intersection of Masonic Avenue and Tama Vista Terrace and Upper Terrace. * 29

CONTRACT AWARDED

SAN FRANCISCO.—The Fay Improvement Co., 760 Market Street, San Francisco, at \$7,068.40 awarded contract by the San Francisco Department of Public Works, Room 251 City Hall, for improving Silver Ave. from Scotia Ave. to a point 545 feet easterly by constructing a sewer. * 29

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—
 March Brothers, Elsinore, at \$106,599 awarded contract by the State Division of Highways, Sacramento, for about 3.7 miles to be paved with Portland cement concrete, plant-mix surfacing and asphalt concrete on Sepulveda Blvd. bet. San Fernando Road and Brand Blvd. (VII-LA-158-L.A.) Los Angeles County. * 29

BIDS OPENED

OKANOGAN COUNTY, Wash. —
 C. E. Oneal Co., Inc., Ellensburg, Wash. at \$33,837.20 (metal pipe) submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engr., 316 New Post Office Bldg., Portland, for the construction of approx. 1.074 mi. of the Loup Loup Highway, Grading Washington Forest Highway Project 28CJ-D1, located within the Chelan National Forest, Okanogan County, Wash.

Total bids follow: (1) metal pipe, (2) concrete pipe.
 C. E. Oneal Co. Inc., Ellensburg, (1) \$34,837.20, (2) \$36,498.70.

M. L. O'Neill & Son, Eugene, (1) \$36,951, (2) \$38,052.80.

K. L. Goulter, Seattle, (1) \$38,341, (2) \$39,457.

Erickson Paving Co., Seattle, (1) \$39,105.50, (2) \$40,472.50.

Clifton & Applegate, Spokane, (1) \$41,670.20, (2) \$43,341.70.

F. C. Dillard, Medford, (1) \$42,519.80, (2) \$43,649.80.

Halleran Bros, Seattle, (1) \$44,394.60, (2) \$46,014.60.

McNutt Bros., Eugene, (1) \$44,937.20, (2) \$46,892.20.

Norris Bros., Burlington, (1) \$45,094.80, (2) \$45,254.80.

A. C. Greenwood Co. Inc., Portland, (1) \$54,442.20, (2) \$55,717.20.

Unit prices are on file at the office of the Daily Pacific Builder, 465 Tent St., S. F. * 29

COMPLETE BIDS

SNOHOMISH CO., Wash.—James Coyle, Seattle, at \$47,504.60 (metal pipe) submitted low bid to the U. S. Bureau of Pub. Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for construction of approximately 1.612 miles South Fork Stillaguamish Highway, Reconstruction Grading Project 1-D2 National Forest Road Project, located within the Mt. Baker National Forest, Snohomish Co., Wash.

Total bids follow: (1) metal pipe; (2) concrete pipe.

James Coyle, Seattle, (1) \$47,504.60, (2) \$47,589.60.

Hallstrom & Hallstrom, Seattle, (1) \$52,694, (2) \$53,164.

Halleran Bros., Seattle, (1) \$53,530.30, (2) \$53,750.30.

C. W. Wilcox, Bellingham, (1) \$54,940.20, (2) \$54,910.20.

L. J. Dowell, Inc., Seattle, (1) \$57,356.40, (2) \$57,651.40.

L. Romano Engr. Co., Seattle, (1) \$57,903, (2) \$58,078.

A. C. Greenwood Co., Inc., Portland, (1) \$64,216, (2) \$64,451.

Erickson Paving Co., Seattle, (1) \$87,845.40, (2) \$88,005.40.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th St., San Francisco. * 29

BIDS WANTED

STATE OF WASHINGTON—Until August 23, 10:00 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for construction, as follows:

KING CO.—Clearing, grading, draining and paving with Portland cement concrete of about 2.3 miles of Primary State Highway No. 5, Black Diamond to Summit, U. S. Public Works Project No. Wash. 1430-F, in King County, Washington, involv-

ing about 71-700 cubic yards of excavation, 15,890 cubic yards of selected roadway borrow 27,430 square yards and 26 cubic yards of cement concrete pavement, 61 cubic yards of concrete, 32,040 pounds of steel reinforcing bars, 3,295 linear feet of cable guard rail design No. 6, 2,485 linear feet of pipe culverts and other items.

STEVENS CO.—Constructing a nonstick seal (single seal) treatment on about 41.7 miles of Primary State Highway No. 22, Meyers Falls to Paterson, U. S. Public Works Project No. Wash. 1558-F (Unit 2), in Stevens County, Washington involving about 611 tons of bituminous cement and other items.

WHATCOM CO.—Paving with Portland cement concrete and asphaltic concrete Type H-1 on about 1.2 miles of Secondary State Highway No. 1-B, Bellingham North, U. S. Public Wks. Project No. Wash. 1120-F, in Whatcom County, Washington, involving about 13,960 cubic yards of excavation, 4,310 cubic yards of selected roadway borrow, 3,000 square yards of cement concrete pavement, 1,976 tons of asphaltic concrete pavement Type H-1, 552 linear feet of pipe culverts and other items.

CLARK CO.—Clearing, grading, surfacing and constructing asphaltic concrete pavement on about 2.8 miles of Secondary State Highway No. 1-T, Ridgefield, Clatsop, U. S. Public Works Project No. Wash. 1068-F, in Clark County, Washington, involving about 31,010 cubic yards of excavation, 3,550 cubic yds. of selected roadway borrow, 1320 cu. yds. of crushed stone surfacing, 5,300 tons of asphaltic concrete pavement, 669 linear feet of pipe culverts and other items.

YAKIMA CO.: Clearing, grading, draining, surfacing and constructing treated timber and pile bridges on about 5.0 miles of Secondary State Highway No. 3-C, Junction Secondary State Highway No. 3-B to West Wapato Road, U. S. Public Project No. Wash. 1479-F, in Yakima County, Washington, involving about 138,940 cubic yards of excavation, 26,720 cu. yds. of selected roadway borrow, 16,290 cubic yards of crushed stone surfacing, 90 cubic yards of concrete, 4,370 pounds of steel reinforcing bars, 79 M.B.M. of treated and 4 M.B.M. of untreated timber and lumber, 2,520 linear feet of treated timber piling, 726 linear feet and pipe culverts and other items.

WALLA WALLA CO.—Grading, draining, surfacing, and manufacturing and stockpiling mineral aggregates (oil rock) on about 3.5 miles of Secondary State Highway No. 3-E, Dry Creek to Berryman, Federal Aid Second District Project No. F-8, 263-B (1), Walla Walla County, Washington, involving about 12,910 cubic yds. of excavation, 17,670 cubic yards of crushed stone surfacing, 1,850 cubic yards of mineral aggregate (oil rock), 74 cubic yards of concrete, 6,470 pounds of steel reinforcing bars, 408 linear feet of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00.

CONTRACT AWARDED

LAKE COUNTY, Ore.—E. C. Hall Co., Eugene, Ore., at \$83,270.40 awarded the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.806 mile grading, 6.605 miles of surfacing and 0.0055 mile bridge on Fremont Highway, Grading, Surfacing and Bridge Project 31-A1-B, National Forest Road Project, located within Fremont National Forest, Lake County, Oregon.

BIDS WANTED

EUREKA COUNTY, Nevada.—Until August 22, 1:50 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of a roadmix bituminous surface on approximately 4.69 miles of the State Highway from a point on State Rte. 1 approx. 5.7 miles east of Dunphy to a point approx. 0.8 mile north of Beowawe, Route 21, Section B, Eureka County, Nev.

- Work involves:
- (1) 29 tons liquid asphalt, Type RC-2 (seal);
 - (2) 327 tons liquid asphalt, Type SC2 (road-mix);
 - (3) 462 miles road-mix;
 - (4) 66 each culvert markers;
 - (5) 6 each guide posts.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, of which \$5 will be refunded. * 29

BIDS WANTED

HUMBOLDT COUNTY, Nev.—Until August 22, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of a roadmix bituminous surface on approximately 10.04 miles of the State Highway from Junction of State Routes 8 and 8E (Paradise Hill) to a point approximately 10 miles north-east, Route 8E, Section A, Humboldt County, Nevada.

- Work involves:
- (1) 63 tons liquid asphalt, Type RC-2 (seal);
 - (2) 837 tons liquid asphalt, Type SC2 (road-mix);
 - (3) 10.04 miles roadmix;
 - (4) 108 each culvert markers;
 - (5) 34 each guide posts.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, of which \$5 will be refunded. * 29

BIDS OPENED

SAN BERNARDINO CO., Calif.—Paulsen & March Inc., 8275 Compton Ave., Los Angeles, at \$13,582.50 submitted low bid and was recommended for award of contract by the Superintendent, Death Valley National Monument, Trona, under Bid Nos. 1 and 2, for furnishing and delivering and spreading (1) 25,000 gallons RC No. 1 and (2) 275,000 gallons SC No. 2, road oil in Death Valley National Monument, Calif.

- Total bids follow:
- Paulsen & March Inc., 8275 Compton Ave., L. A., (1) \$0.0505, (2) \$0.0448, total \$13,582.50.
 - Square Oil Co., (1) \$0.065, (2) \$0.044, total \$13,725.
 - Morgan Bros., (1) \$0.0661, (2) \$0.04726, total \$14,649.
 - Regal Oil Company, (1) \$0.0591, (2) \$0.0489, total \$14,925.
 - Richfield Oil Co., (1) \$0.06798, (2) \$0.05263, total \$16,172.75.
 - Offields Truck Co., (1) \$0.065, (2) \$0.0547, total \$16,667.50, 2% 10 days. * 29

CONTRACT AWARDED

Klickitat County, Wash.—E. C. Hall Company, Eugene, Oregon, at \$42,568.62 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for approximately 6.818 miles

reconstructing surfacing and 1,703 miles surfacing aggregate production on Mt. Adams Highway, Project 17-A4, B2, C, National Forest Road Project, located within the Columbia National Forest, Klickitat County, Wash. * 29

CONTRACT AWARDED

FERRY COUNTY, Wash. — C. E. Oneal Co., Inc., Ellensburg, at \$34,803.50 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for approximately 1,055 miles grading and 0.875 mile advance clearing the Republic-Kettle Falls, Grading and Advance Clearing Project 20 - F, National Forest Road Project located within the Colville National Forest, Ferry County, Wash. * 29

BIDS WANTED

PIERCE CO., Wash.—Until Aug. 16, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving a bridge over Tolmie Creek consisting of an 88-ft. steel plate girder span on concrete piers and four treated timber trestle spans, all with concrete deck and rail, together with approach grading, Carbon River Highway Project 11-A2, National Forest Road Project, Snoqualmie National Forest, Pierce Co., Wash.

- Work involves:
- (1) All reqd. extra and misc. force account work;
 - (2) 7,315 cu. y. unclass. excav.;
 - (3) 269 cu. y. concrete;
 - (4) 38,500 lbs. relnf. steel;
 - (5) 85,000 lbs. structural steel;
 - (6) 15.5 M. ft. M. M. treated timber, creosote preservative, including bridge iron.
- Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

BIDS WANTED

LEWIS COUNTY, Wash.—Until Aug. 16, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approx. 0.097 miles partial grading and 0.691 miles finished grading on the Redie-Yakima Highway, Grading Project 13-VI, X, National Forest Road Project, located within the Columbia National Forest, Lewis County, Wash.

- Work involves:
- (1) All reqd. extra and misc. force account work;
 - (2) 11 acres clearing;
 - (3) 7 acres grubbing;
 - (4) 109,600 cu. y. unclass. excav.;
 - (5) 0.0691 miles finishing earth graded roads;
 - (6) 160 cu. y. class A cement stone masonry walls;
 - (7) 20 cu. y. class A cement stone masonry guard rail, Type 2;
 - (8) 770 lf. culverts, alternate;
 - (9) 8800 cu. y. hand laid rock embankment.
- Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

CONTRACT AWARDED

COCONINO CO., Ariz.—Fisher Contracting Co., 516 Seventh St., Phoenix, at \$49,990.95 (based on 10% disc., stipulated if awarded) the Jacobs Lake-North Rim job) were awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading, draining and placing surfacing (base) with bituminous treatment on 6,137 miles of portions of Section C and D of Route 28, the Fredonia-Houserock Valley National Forest Highway,

Kaibab National Forest, Coconino County, Ariz. * 29

BIDS OPENED

SAN JOSE, Santa Clara Co., Calif.—Jones and King, Jackson St., Hayward, at \$53,266.90 submitted low bid and was tentatively awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the paving and improving of portions of Santa Clara St. and The Alameda (State Highways) from Santa Clara City limits to Market St., Primary Route 2, Project No. 8; also Santa Clara St. from Market St. to 13th St., Primary Route 5, Project 9, San Jose.

- Work involves:
- (1) 2 stormwater inlets not graded and hooded;
 - (2) 1 stormwater inlet with hood and grade;
 - (3) 260 lf. 8-inch vitrified pipe drain;
 - (4) 6715 sq. ft. asphalt surface only, removed to concrete base;
 - (5) 1,900 lf. Portland cement concrete curb removed;
 - (6) 3,900 sq. ft. Portland cement concrete gutter removed;
 - (7) 280 sq. ft. Portland cement concrete sidewalk removed;
 - (8) 1805 lf. Portland cement concrete curb constructed;
 - (9) 3900 sq. ft. Portland cement concrete gutter constructed;
 - (10) 250 sq. ft. Portland cement concrete sidewalk constructed;
 - (11) 133,000 sq. yds. paint binder coat;
 - (12) 11,785 tons asphalt concrete wearing surface, Type "A";
 - (13) 2547 tons asphalt concrete wearing surface, Type "B";
 - (14) 15 tons asphalt concrete wearing surface, Type "C";
 - (15) 280,000 sq. ft. asphalt concrete, various depths removed by burning.

- Total bids follow:
- (A) Jones & King, Jackson St., Hayward, \$53,266.90.
 - (B) Piazza & Huntley, San Jose, \$53,984.85.
 - (C) A. G. Raisch, San Francisco, \$61,551.13.
 - (D) Union Paving Co., S. F., \$61,589.15.

Unit prices follow:

(1)	35.00	18.00	37.80	40.00
(2)	60.00	30.00	50.40	50.00
(3)	1.75	1.50	2.10	1.25
(4) .....	.02	.03	.025	.03
(5) .....	.08	.05	.067	.15
(6) .....	.07	.05	.06	.10
(7) .....	.05	.03	.05	.10
(8) .....	.40	.30	.037	.30
(9) .....	.25	.21	.20	.25
(10) .....	.15	.14	.15	.20
(11) .....	.01	.005	.01	.01
(12)	3.13	3.24	3.72	3.65
(13)	3.13	3.30	3.72	3.65
(14)	15.00	10.00	12.00	15.00
(15) .....	.014	.015	.0142	.017

COMPLETE BIDS

GREENLEE COUNTY, Ariz.—All Arizona Engineering & Constructing Company, Clifton, Arizona, at \$38,441.40 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading and placing cushion materials on approximately 6.115 miles, Section B of Route 19, Clifton-Alpine National Forest Highway, Crook National Forest, Greenlee County, Ariz.

- Work involves:
- (1) 10 acres clearing;
 - (2) 10 acres grubbing;
 - (3) 34,000 cu. y. unclassified excav. for structure;
 - (4) 210 cu. y. unclassified excav. for structure;
 - (5) 717,000 sta. yds. overhaul;
 - (6) 2,800 lf. furrow ditches;
 - (7) 12 cu. y. rubble masonry;
 - (8) 106 lf. 18-inch corr. galv. sheet metal pipe;
 - (9) 148 lf. 24-inch corr. galv. sheet metal pipe;

- (10) 292 lf. remove, clean and relay existing C. M. pipe;
- (11) 28 each culvert markers;
- (12) Force account obliteration of old roads;

Total bids follow:

(A) All Arizona Engr. & Constructing Co., Clifton, \$38,441.40.
 (B) H. J. Hagen, Globe, \$39,717.00.
 (C) Lewis Bros., Phoenix, \$42,723.00.

Unit prices follow:

	(A)	(B)	(C)
(1)	100.00	200.00	300.00
(2)	25.00	100.00	100.00
(3) .....	.90	.90	.95
(4)	2.00	2.00	2.00
(5) .....	.006	.005	.005
(6) .....	.08	.10	.10
(7)	18.00	50.00	30.00
(8)	2.40	2.00	3.00
(9)	3.25	3.00	4.00
(10)	1.50	1.00	2.00
(11)	2.00	3.00	3.00
(12)	200.00	200.00	200.00

* 29

CONTRACT AWARDED

NYE CO., Nevada—U. B. Lee, 1159 Estudillo Co., San Leandro, at \$29,782.00 submitted low bid and awarded contract by the State of Nevada Department of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for the construction of a roadmix bituminous surface on approximately 12.75 miles State Highway System from west boundary to east boundary of the Nevada National Forest, Route 4, Section A2, Nye County, Nevada.

- Work involves:
- (1) Force account roadside cleanup;
 - (2) 128 tons liquid asphalt, type RC2 (seal);
 - (3) 973 tons liquid asphalt, Type SC2 (redymix);
 - (4) 12.75 miles roadmix;
 - (5) 142 culvert markers;
 - (6) 126 guide posts;
 - (7) 270 cu. yds. processing stockpiled gravel;

- Total bids follow:
- (A) U. B. Lee, 1159 Estudillo Ave., San Leandro, \$29,782.00.
 - (B) Silver State Constr. Co., Inc., Fallon, \$29,801.00.
 - (C) Dodge Construction Inc., Fallon, \$29,996.00.
 - (D) J. A. Casson, Hayward, \$31,830.50.
 - (E) Isbell Construction Co., Reno, \$33,829.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1) 1500.00	1500.00	1500.00	1500.00	1700.00	20.00
(2) 25.00	20.00	20.00	27.00	25.00	
(3) 18.50	19.00	19.00	21.00	21.00	
(4) 450.00	400.00	500.00	450.00	550.00	
(5) 3.00	3.00	3.00	3.00	4.00	
(6) 3.00	3.00	3.00	3.00	3.50	
(7) 2.00	5.00	1.00	2.00	2.50	

CONTRACT AWARDED

COCONINO CO., Ariz.—Fisher Contracting Co., 516 Seventh St., Phoenix, at \$53,805 (less 10% disc. stipulated if awarded) the Fredonia-Houserock job—were awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Ariz., for grading, drainage and surfacing (base) on 1,278 miles, Section C and a portion of Section F of the Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, Coconino Co., Ariz. * 29

CONTRACT AWARDED

ELKO COUNTY, Nev.—Utah Construction Co., Ogden, Utah, at \$40,543.50 awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 10,132 miles placing base course on Sections A, B and C of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev. * 29

BIDS WANTED

MARICOPA and Yavapai Counties
 Ariz.—Until August 16, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Phoenix-Flagstaff Highway, FA 59 (4) (1939) AFE 8994. The work, which extends northerly about 1½ mile from the San Domingo Wash bridge, consists of grading, draining, agg. base course and oil processing (SC-4 road mix) and is to be completed on or before Jan. 15, 1939. The work involves:

- (1) 16,500 sq. yds. salvaging and stockpiling oil cake;
- (2) 57,200 c.y. rdwy. excav.;
- (3) 3,200 c.y. slides and overbreakage;
- (4) 300 c.y. excav. of spandrel fill;
- (5) 1,100 c.y. drainage excav.;
- (6) 2,500 c.y. str. c. excav.;
- (7) 28,000 sta. yds. overhaul;
- (8) 5,400 c.y. m. haul;
- (9) 500 c.y. backfill (abutments);
- (10) 600 c.y. spandrel fill;
- (11) 15,900 tons coarse aggregate base course;
- (12) 5,000 tons fine do.;
- (13) 2,600 M. gals. sprinkling;
- (14) 640 hours rolling;
- (15) 410 c.y. Class A concrete;
- (16) 35,600 lbs. reinf. steel;
- (17) 2,000 lbs. str. steel;
- (18) 658 lf. corr. metal pipe (two sizes);
- (19) 290 sq. ft. 4-in. granite;
- (20) 750 sq. ft. ¼-in. granite;
- (21) 16,000 l.f. line fence;
- (22) 1,000 l.f. road guard;
- (23) 3,000 tons mineral aggregate;
- (24) 39,500 gals. road oil, SC-4;
- (25) 1,500 tons relaying old oil mix;
- (26) 1.55 miles processing road mix;
- (27) 67 tons emulsified asph., Class A
- (28) 480 tons screenings.

BIDS WANTED

LAKE COUNTY, Calif.—Until August 31, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 2½ miles of grading and surfacing with untreated crushed gravel or stone and applying seal coat between Le Trianon and Scotts Valley Road, Lake Co.

- The work involves:
- (1) 20 acres clear and grub;
 - (2) 1,740 M. gals. water;
 - (3) 123,300 c.y. rdwy. excav., unclass.
 - (4) 1,550 c.y. str. excav.;
 - (5) 370 c.y. ditch and channel excav
 - (6) 222,000 sta. yds. overhaul;
 - (7) 12,900 c.y. imported borrow;
 - (8) 111 sta. finish rdwy.;
 - (9) 4,820 c.y. untreated crushed gravel or stone surf.;
 - (10) 69 tons liq. asph. SC-1A prime coat;
 - (11) 46 tons asph. emulsion sea coat;
 - (12) 540 c.y. screenings, seal coat;
 - (13) 1,900 lbs. bar reinf. steel;
 - (14) 48 c.y. Class A Portland cement concrete struc.;
 - (15) 670 l.f. 8-in. CMP;
 - (16) 80 l.f. 12-in. CMP;
 - (17) 1,130 l.f. 18-in. CMP;
 - (18) 280 l.f. 24-in. CMP;
 - (19) 72 l.f. 30-in. CMP;
 - (20) 1,200 l.f. 8-in. perf. metal pipe;
 - (21) 280 c.y. rock filling material;
 - (22) 12 each remove headwalls;
 - (23) 30 lf. remove and relay existing pipe culverts;
 - (24) 180 lf. remove and salvage do.;
 - (25) 11 each spillway assemblies;
 - (26) 14 each frames and gratings for drop inlets;
 - (27) 55 each culvert markers;
 - (28) 102 each guide posts;
 - (29) 0.40 mile new property fence;
 - (30) 1 each drive gates;
 - (31) 92 each monuments;
 - (32) 720 lf. rubble masonry pier and chain rail with curb.

SANTA CRUZ CO.—BRIDGE CONSTR.—(COUNTY)

SANTA CRUZ COUNTY, Calif.—Dan Caputo, 401 Illinois Ave., San Jose at \$8,271.10 submitted low bid and was awarded contract by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of a reinforced concrete bridge across Green Valley creek on Connell Road, Pajaro Rd. District, Santa Cruz County.

- The work involves:
- (1) 400 c.y. str. excav. dry;
 - (2) 200 c.y. str. excav. wet;
 - (3) 1630 lf. Redwood piling furnished
 - (4) 62 lf. Redwood piling driven;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$.82	\$ 1.25	\$ 1.25	\$ 2.00	\$.50	\$ 1.25	\$ 1.20
(2).....	1.65	1.50	2.30	2.50	5.00	3.00	6.00
(3).....	.47	.50	.70	.50	.59	.55	.50
(4).....	13.50	16.00	13.00	22.00	30.00	26.00	11.00
(5).....	17.50	18.00	19.50	18.00	16.75	19.75	21.00
(6).....	.0475	.05	.05	.05	.05	.045	.05
(7).....	150.00	130.00	250.00	170.00	140.00	135.00	210.00

SANTA CRUZ CO.—BRIDGE CONSTR.—(COUNTY)

SANTA CRUZ COUNTY, Calif.—Geo. C. Renz, 555 Fifth St., Gilroy, at \$5,588.00 submitted low bid and was awarded contract by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of a reinforced concrete bridge across Corralitos Creek at Junction of Eureka Canyon and Buzzard Lagoon Roads, Pajaro Road District, Santa Cruz County.

- The work involves:
- (1) 300 c.y. str. excav. dry;
 - (2) 200 c.y. str. excav. wet;
 - (3) 210 c.y. Class A concrete;
 - (4) 2300 lbs. reinforcing steel;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$.06	\$ 1.08	\$ 1.45	\$ 1.20	\$ 1.50	\$ 2.00	\$ 1.50
(2).....	1.50	2.16	1.50	3.00	2.70	3.00	3.00
(3).....	16.75	17.50	18.50	20.50	20.50	21.00	20.00
(4).....	.05	.0475	.05	.09	.055	.05	.05
(5).....	140.00	150.00	130.00	210.00	200.00	170.00	120.00
(6).....	5.75	4.40	2.50	6.00	5.50	5.00	17.25

Plans and specifications may be obtained from the above office.

- (5) 266 c.y. Class A concrete;
- (6) 26,000 lbs. reinforcing steel;
- (7) 8 MF8M Redwood timber guard railing.

Total bids follow:
 (A) Dan Caputo, 401 Illinois Avenue, San Jose, \$8,271.10.
 (B) S. H. VanGelder, \$8,932.00.
 (C) Granite Const. Co., Ltd., Watsonville, \$9,894.00.
 (D) L. C. Seidell, \$9,703.00.
 (E) Geo. C. Renz, Gilroy, \$9,889.20.
 (F) John Carcano, San Rafael, \$10,140.00.

Unit prices follow:
 (A) Leo Cardwell Const. Co., Santa Cruz, \$10,231.00.

- (5) 12 MF8M Redwood timber guard railing;
- (6) 50 c.y. riprap.

Total bids follow:
 (A) Geo. C. Renz, 555 Fifth St., Gilroy, \$5,588.00.
 (B) Dan Caputo, San Jose, \$5,955.90
 (C) S. H. VanGelder, \$6,094.50.
 (D) Leo Cardwell Const. Co., Santa Cruz, \$7,003.00.
 (E) Granite Const. Co., Ltd., Watsonville, \$7,120.00.
 (F) L. C. Seidell, \$7,274.00.
 (G) John Carcano, San Rafael, \$7,451.50.

Unit prices follow:
 (A) Leo Cardwell Const. Co., Santa Cruz, \$7,003.00.

CONTRACT AWARDED

August 10, 1938
ELKO COUNTY, Nevada.—W. W. Clyde & Co., Springville, Utah, at \$74,792.30, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and placing base course on 11,560 miles, Section D, of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, and Section A of Federal Lands Highway Project 16, Elko Co., Nevada.

BIDS WANTED

PLACER COUNTY, Cal.—Until August 31, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 1.1 miles of grading and surfacing with plant-mixed surfacing on crusher run base the approaches to the Coffax grade separation, Placer County.

- The work involves:
- (1) 59 sta. clear and grub;
 - (2) 1,000 M. gals. water;
 - (3) 40,000 c.y. rdwy. excav., unclass.
 - (4) 800 c.y. str. excav.;
 - (5) 1,100 c.y. ditch and channel excavation;
 - (6) 9,000 sta. yds. overhaul;

- (7) 10,600 mile yards haul;
 - (8) 32 c.y. remove concrete;
 - (9) 56 sta. finish rdwy.;
 - (10) 215 c.y. salvage surf.;
 - (11) 4,800 tons crusher run base;
 - (12) 2,400 tons min. agg. plnt mix surf.;
 - (13) 140 tons screen seal coat;
 - (14) 46 tons sand prime coat and penetration oil treatment;
 - (15) 117 tons liq. asph. ROMC-3 -4 or -5 plant mix surf.;
 - (16) 20 tons liq. asph. SC-2 prime coat and penetration oil treat.;
 - (17) 15 tons liq. asph. ROMC-3 -4 or -5 seal coat;
 - (18) 57 c.y. Class A Portland cement conc. struc.;
 - (19) 5,100 lbs. bar reinf. steel;
 - (20) 5 c.y. rubble masonry;
 - (21) 448 lf. 8-in. CMP;
 - (22) 126 lf. 12-in. CMP;
 - (23) 910 lf. 18-in. CMP;
 - (24) 70 lf. 24-in. CMP;
 - (25) 224 lf. remove and salvage culvert pipe;
 - (26) 8 each spillway assemblies;
 - (27) 10 each culvert markers;
 - (28) 5 each guide posts;
 - (29) 1,100 lf. laminated guard rail;
 - (30) 0.23 mile new property fence, Type A;
 - (31) 0.45 mile do, Type B;
 - (32) 0.60 mile remove and dispose of fences;
 - (33) 3 each drive gates;
 - (34) 52 each monuments.
- Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

STATE OF OREGON—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for highway construction, as follows:
CLATSOP AND TILLAMOOK COs—Arch. Cape-Bear Creek Section of Oregon Coast Highway, FAP 180-G (2); 2.10 mi. grading requiring about 423,000 c.y. excav. Awarded A. C. Greenwood, 3201 NW Front Ave., Portland, \$128,832.

Other bidders.—McNutt Bros., Eugene, Ore., \$138,982; Kern and Kibbee, Portland, \$139,111; Leonard and Slate, Multnomah, Ore., \$139,585; Roy L. Houck, Salem, Ore., \$146,201; M. L. O'Neil and Son, Eugene, Ore., \$150,416; Berke Bros. Inc., Portland, \$153,838; Fisher Bros., Oregon City, Ore., \$156,003; F. C. Dillard, Medford, \$157,879; Williams and Douglas, Kalispell, Mont., \$160,960; K. L. Goulter, Seattle, \$171,535; J. A. Lyons, Portland, \$175,219; Colonial Construction Co., \$179,040; Joplin and Eldon, Portland, \$197,362; Harold Blake, 400 N. Thompson, Portland, \$203,455.

COOS COUNTY: Catching Slough Bridge Section of the Coos River Secondary Highway. The improvement will consist of the construction of 0.27 mile of highway roadbed and a steel and timber bridge over Catching Slough approx. 940 ft. long. The work will involve approval 7300 c.y. excavation, 65 lf. culvert pipe, 70 c.y. riprap, 1500 c.y. crushed gravel surfacing, 300 c.y. struc. excavation, drive 360 pillings, 90 MFMB Port Orford cedar lumber, 775 l. f. trestle superstructure, 360 c.y. concrete, 19,000 lbs. metal reinforcement 184,000 lbs. metal reinf., 164,000 lbs. structural steel, and 16,000 lbs. of machinery.

Awarded J. W. and J. R. Hillstrom, Marshfield, \$65,205.

Other Bidders: Coos Bay Dredging Co., Marshfield, Ore., \$65,205; Tom Lillebo, Reedsport, Ore., \$71,473; C. J. Montag and Son, Portland, \$80,023.

DESCHUTES CO.: Bend Section of Century Drive Secondary Highway; State Project; 1.2 miles grading and surfacing; also furnishing 300 c.y. of screened gravel in stockpile. Requires approx. 6,500 c.y. excavation; 2,700 c.y. jit-run cinders; 2,400 c.y. pit-run gravel; and 300 c.y. screened gravel.

Low bidder: Fisher Bros., Oregon City, \$9732. Referred to engr. with power to award.

Other Bidders: River Bend Sand and Gravel Co., Salem, Ore., \$10,492; H. L. Rice, Portland, \$11,292; O. C. Yocum, Portland, \$11,668.

KLAMATH COUNTY: Klamath Falls Bldg. The project will consist of the construction of a frame bldg. 32 x 140 feet complete with heating plant.

Low bidder: G. I. Stebbins Construction Co., Klamath Falls, Ore., \$12,764.

Other bidders: E. Gray, Klamath Falls, \$13,178; Brostherhouse Construction Co., Klamath Falls, Ore., \$13,598.

All bids rejected and project ordered readvertised.

LANE CO.: Salt Creek Section of Willamette Highway, FAP 195-D (1); clrg 3.16 mi. of highway right of way. Awarded F. C. Dillard, Medford, \$14,100.

Other bidders.—Heller and Gihannon, Scappoose, Ore., \$18,150.

LINN COUNTY: Fleming Ranch-Schindler Bridge Section of the Albany-Lyons Secondary Highway. The improvement will consist of the construction of 1.62 miles of highway roadbed and a concrete bridge approximately 232 ft. long over Thomas Creek. The work will involve approximately 7,500 c.y. channel ex-

PIMA CO., ARIZ.—HWY. IMPROVEMENTS—(STATE)

PIMA COUNTY, Arizona.—Tanner Const. Co., 801 Security Bldg., Phoenix, at \$30,716 submitted low bid to Arizona State Highway Commission, Phoenix, for improvement of Ajo-Tucson highway, FAS 110F (1) (1938): AFD 632. The work, which begins at the Tucson-San Xavier Mission Rd. and extends east about two miles to the Tucson-Nogales Highway, consists of grading, draining, aggregate base course and oil processing (SC-2 road- or plant-mix) and is to be completed on or before Dec. 31, 1938.

- Work involves:
 (1) 8,303 c.y. rdwy. excav., unclass.;
 (2) 3,904 c.y. drainage do;
 (3) 220 c.y. struc. do;
 (4) 2,455 sta. yds. overhaul;
 (5) 1,499 c.y. m. haul;
 (6) 7,012 c.y. imported borrow;
 (7) 4,728 tons agg. basecourse;
 (8) 790 M. gals. sprinkling;
 (9) 252 hours rolling;
 (10) 4 c.y. Class B concrete;
 (11) 132 lbs. reinf. steel;
 (12) 104 lf. 36-in. CMP;
 (13) 50 c.y. plain riprap;
 (14) 120 c.y. wire basket bank protection;
 (15) 30 each guide posts;
 (16) 15 each, R/W markers, type A;
 (17) 20 MBM treated timber;
 (18) 1,055 lf. treated timber piles;
 (19) 27 each driving piles;
 (20) 45 lf. test pile;
 (21) 1 each driving test piles, untreated;

- (22) 1 each water barrel;
 (23) 3,301 tons mineral agg.;
 (24) 2,903 gals. road oil, SC-2;
 (25) 2,003 miles processing road mix;
 (26) 40 tons screenings;
 (27) 58 tons emulsified asph. (Class A) for seal coat;
 (28) 838 sq. yds. placing intersections
 (29) 23,724 sq. ft. 1½-in. guntite;
 (30) 1 lump sum removal of timber bridge (Sta. 1435 plus 75);
 (31) 1 lump sum do (Sta. 1384);
 (32) 1 lump sum processing and hauling road mix for stockpile;
 (33) 1 lump sum studding bridge fl. with nails (Sta. 1418);
 (34) 45 tons special cutback plantmix
 (35) 2 tons cutback asph. (MC-4);
 ALT. (in lieu of Items 23, 24, 25, 26)
 (23-A) 3,474 tons plant mix (including haul);
 (24-A) 174 tons road oil (SC-2);
 (25-A) 2,003 miles placing plant mix;
 Total bids were:
 (A) Tanner Const. Co., Phoenix, \$30,715.91; Alt., no bid.
 (B) Pearson & Dickerson, Prescott, \$31,783.59; Alt., no bid.
 (C) Phoenix-Tempe Stone Co., Phoenix, \$33,989.18; Alt., no bid.
 (D) Oswald Bros., Los Angeles, \$36,345.76; Alt., \$38,438.75.
 (E) Lewis Bros., Phoenix, \$49,038.27; Alt., \$41,616.64.
 (F) Tiffany Const. Co., Phoenix, \$39,439.31; Alt., \$45,496.25.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$.24	\$.35	\$.30	\$.40	\$.40	\$.32
(2)	.20	.24	.20	.30	.40	.30
(3)	1.00	.90	1.20	1.00	2.00	1.50
(4)	.01	.02	.03	.02	.02	.03
(5)	.25	.24	.24	.25	.20	.35
(6)	.35	.30	.32	.40	.48	.40
(7)	.55	.47	.53	.65	.70	.80
(8)	1.25	1.20	1.50	1.25	1.50	2.00
(9)	2.75	3.00	3.00	3.00	2.00	3.00
(10)	25.00	25.00	30.00	20.00	50.00	40.00
(11)	.10	.10	.09	.10	.20	.20
(12)	5.00	5.00	5.32	5.00	5.00	5.00
(13)	2.50	2.25	2.40	4.00	2.00	7.00
(14)	3.00	3.00	3.00	6.00	3.00	2.00
(15)	3.00	2.50	2.40	3.00	2.00	2.00
(16)	3.00	2.50	2.40	3.00	3.00	3.00
(17)	115.00	106.50	120.00	140.00	148.00	120.00
(18)	1.00	1.00	1.00	1.10	1.00	1.25
(19)	27.00	30.00	30.00	22.00	70.00	60.00
(20)	2.00	1.00	1.20	1.50	1.00	2.00
(21)	125.00	175.00	150.00	100.00	700.00	300.00
(22)	15.00	20.00	12.00	10.00	20.00	20.00
(23)	.65	.70	.73	.80	1.32	1.05
(24)	.06	.06	.06	.07	.07	.07
(25)	500.00	575.00	600.00	700.00	500.00	600.00
(26)	3.00	2.60	3.60	3.00	2.32	4.00
(27)	30.00	28.00	31.20	35.00	29.00	30.00
(28)	.15	.14	.12	.15	1.25	.40
(29)	.24	.28	.29	.25	.17	.26
(30)	75.00	100.00	100.00	100.00	300.00	300.00
(31)	125.00	275.00	150.00	200.00	100.00	150.00
(32)	75.00	95.00	90.00	125.00	200.00	200.00
(33)	60.00	90.00	30.00	125.00	110.00	160.00
(34)	3.00	4.00	4.00	5.00	3.00	3.00
(35)	20.00	24.00	20.00	25.00	50.00	40.00
	ALTERNATE					
(23-A)	-----	-----	-----	1.75	2.30	3.05
(24-A)	-----	-----	-----	16.00	13.50	18.00
(25-A)	-----	-----	-----	200.00	400.00	100.00

SAN FRANCISCO—RECONSTRUC. POLK ST.—(CITY)

SAN FRANCISCO.—M. J. Lynch, 1445 Church Street, at \$12,578.40 submitted low bid to S. F. Dept. of Public Works, Rm. 251, City Hall, under Spec. No. 19121, for widening and reconstructing Polk Street between Market and Grove Streets San Francisco. Estimated cost \$16,000.

- Work involves:
 (1) 1100 lin. ft. stone curb reset, all sizes;
 (2) 175 sq. ft. stone curb redressed;
 (3) 100 lin. ft. armored concrete curb;
 (4) 60 lin. ft. new granite curb (tangent, 6-inch);

- (5) 10 lin. ft. new granite curb (circular, 10-inch);
 (6) 7 brick catchbasins, moved and reconstructed;
 (7) 1 brick catchbasin, complete;
 (8) 40 lin. ft. 10-inch VCP culvert;
 (9) 4 manhole frames and covers installed;
 (10) 1 low pressure fire hydrant moved;
 (11) 1 high pressure fire hydrant moved;
 (12) 800 pounds cast iron pipe (high pressure);
 (13) 75 pounds cast iron special (high pressure);

cavation, 18,500 c.y. excavation single classification, 400 lf. 12-in. concrete pipe, 200 lf. 18-in. concrete pipe, 9100 c.y. surfacing material, 300 c.y. of structural excavation, 550 c.y. concrete, \$102,000 lbs. metal reinf., 480 lf. of concrete handrail.

Awarded Leonard and Slate, Multnomah, \$46,352.

Other bidders: Mountain States Construction Co., Eugene, Ore., \$47,666; Harold Blake, Portland, \$45,150; E. C. Hall and Snook Bros., Eugene, Ore., \$45,542; Birkmeier and Sarnell, Milwaukee, Ore., \$53,669; Joplin and Eldon, Portland, \$45,386.

LINN CO.: Shedd-Halsey Section of Pacific Highway East, FAP 56-C(2), 6.73 mi. roadside improvement. Awarded D. L. Ashton, Lebanon, \$34,068.

Other bidders: Leonard and Slate, Multnomah, Ore., \$3761; River Bend Sand and Gravel Co., Salem, \$4487.

UMATILLA COUNTY: Umapiine-Sunnside Section of the Umapiine Secondard Highway. The improvement will consist of the construction of approx. 15,000 c.y. excavation, 17,000 c.y. pit-run gravel roadbed topping, 5,700 c.y. crushed gravel materials, 59,600 s. yds. of oil mat surface treatment. Length of project approx. 5.64 miles.

Awarded E. C. Gerber, Oregon City, \$34,230.

Other bidders: Standard Asphalt Paving Co., Spokane, \$36,448; Saxton, Looney and Rispke, Portland, \$38,978; Rogers Construction Co., Dayton, Wash., \$39,731; Newport Construction Co., Portland, \$44,352; H. L. Rice, Portland, \$48,231. * 29

BIDS WANTED

PLACERVILLE, El Dorado Co., Calif.—Until August 18, 2:00 P. M., bids will be received by the U. S. Forest Service, El Dorado National Forest, F. F. Moran, Acting Forest Supervisor, Placerville, under Bid No. 106, for furnishing and spreading 7,000 gallons asphaltic road oil (SC-3) on camp grounds roads at Silver Lake, on Alpine Highway approximately 58 miles east of Jackson.

Plans and specifications available at above office. * 29

CONTRACT AWARDED

COOLLENA BASIN PROJ. Wash. —Gulfellow Bros., Inc., Wenatchee, Wash., \$15,642.50 awarded contract by the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 1082-D, for the construction of roads to the Rock Island Dam Columbia Basin Project, Wash. 29

AWARDS RECOMMENDED

COCONINO CO., Arizona.—Fisher Contr. Co., 516 7th St., Phoenix, at \$49,990.95 (1) and \$35,805.00 (2) were recommended for award of contracts by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for (1) grading, draining, and placing surfacing with bituminous treatment on 6.137 miles of Section D of Route 28, Fredonia-Houserock Valley National Forest Highway; and (2) grading and surfacing on 1.278 miles of Section C and a portion of Section F, Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, both in Coconino County. Awards recommended based on 10% disc. Above contracts previously reported awarded, which was an error.

BIDS WANTED

FULLERTON, Orange Co., Calif.—Until Aug. 16, 7:30 P. M., bids will be received by the Fullerton City Council for grading and paving the roadway of S. Nicholas Ave., between West Commonwealth Ave. and the S. city limits and North Raymond Ave., between East Commonwealth

- (14) 75 pounds cast steel specials (high pressure);
- (15) 120 pounds lead;
- (16) 5 cu. yds. high pressure hydrant excavation;
- (17) 160 pounds wrought iron bolts, nuts and washers;
- (18) 7 street and traffic signs reset;
- (19) 2 electric traffic signals relocated (vehicular);
- (20) 2 electric traffic signals relocated (pedestrian);
- (21) 1 fire alarm box relocated;
- (22) 2 electrolights relocated;
- (23) 1,700 lin. ft. 1/2-inch conduit;
- (24) 22,500 sq. ft. asphaltic wearing surface removed;
- (25) 5,500 sq. ft. pavement base removed;
- (26) 25 lin. ft. 6-inch VCP sidesewer;
- (27) 7,100 sq. ft. 8-inch class "E" 5-sack concrete pavement, parking lot;
- (28) 300 tons asphaltic concrete wear-

- ing surface.
- (29) 200 tons asphaltic concrete bind-
- (30) 25 cu. yds. class "E" 5-sack concrete pavement base;
- (31) 100 new cross-walk markers;
- (32) 3,500 sq. ft. two-course concrete sidewalk;
- (33) Alteration and reconstruction of sub-sidewalk basement Health Center Bldg.

Total bids follow:
 (A) M. J. Lynch, 1435 Church Street, \$12,878.40.
 (B) The Lowrie Paving Co., Inc., \$14,307.10.
 (C) West Const. Co., \$14,730.00.
 (D) Mills Const. Co., \$14,691.25.
 (E) A. G. Raisch, \$15,092.25.
 (F) J. J. Gartland, \$15,814.75.
 (G) The Fay Imp. Co., \$15,861.15.
 (H) Chas. L. Harney, \$15,891.65.
 (I) E. J. Treacy, \$16,497.15.

Unit prices follow—

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$.40	\$.40	\$.40	\$.42	\$.36	\$.42	\$.45	\$.42	\$.50
(2)	1.50	1.50	.70	.60	.60	.75	.75	.70	1.00
(3)	1.00	1.00	.90	.75	.94	1.00	.90	1.00	1.00
(4)	1.00	2.00	2.00	2.50	2.10	2.50	2.55	3.00	2.00
(5)	2.50	5.00	2.00	4.00	3.85	5.00	4.00	6.00	2.50
(6)	45.00	50.00	90.00	60.00	68.60	50.00	70.00	80.00	50.00
(7)	90.00	80.00	100.00	100.00	116.00	100.00	92.00	125.00	70.00
(8)	1.50	2.50	1.00	1.50	1.35	2.00	2.35	1.50	1.50
(9)	30.00	35.00	30.00	35.00	30.00	35.00	42.00	30.00	21.00
(10)	50.00	60.00	75.00	35.00	70.00	45.00	60.00	55.00	35.00
(11)	30.00	60.00	60.00	60.00	45.00	70.00	40.00	65.00	60.00
(12)	.10	.20	.16	.15	.17	.10	.14	.12	.12
(13)	.12	.20	.16	.15	.17	.10	.14	.12	.37
(14)	.20	.20	.16	.50	.45	.20	.38	.35	.35
(15)	.06	.08	.10	.10	.08	.10	.07	.07	.07
(16)	2.00	3.00	1.50	5.00	1.80	2.00	2.75	3.00	4.00
(17)	.17	.20	.15	.35	.35	.10	.17	.15	.20
(18)	2.00	2.50	65.00	5.00	8.00	2.00	3.00	6.00	7.00
(19)	70.00	150.00	70.00	55.00	52.00	60.00	25.00	90.00	92.00
(20)	20.00	125.00	70.00	40.00	52.00	60.00	99.00	70.00	75.00
(21)	75.00	125.00	100.00	50.00	56.00	75.00	85.00	80.00	79.00
(22)	125.00	150.00	75.00	90.00	83.00	125.00	135.00	130.00	130.00
(23)	.50	.70	.40	.50	.40	.50	.45	.65	.60
(24)	.03	.03	.06	.05	.052	.05	.047	.04	.03
(25)	.05	.08	.05	.06	.06	.05	.05	.065	.09
(26)	1.00	2.00	2.00	1.50	2.25	2.25	2.75	2.25	1.25
(27)	.25	.28	.22	.29	.28	.275	.328	.34	.39
(28)	4.00	4.10	4.00	4.25	3.93	4.95	5.00	4.00	4.00
(29)	3.90	4.10	3.75	4.25	3.78	4.65	4.75	4.00	4.00
(30)	8.00	6.50	7.00	10.00	7.40	7.25	8.00	9.75	7.50
(31)	.15	.20	.28	.30	.24	.15	.18	.25	.22
(32)	.13	.13	.14	.14	.15	.14	.155	.12	.14
(33)	4634.00	4450.00	5172.00	5231.00	5830.00	6065.00	5500.00	5500.00	6500.00

Ave. and East Chapman Ave., approx. 0.25 mi. Cash, certified or cashier's check or bond for 10%. Plans and specifications may be obtained from Herman Hitcher, city engineer, F. C. Hezmelnach, city clerk. This is a cash contract, funds being derived from gas tax proceeds. The quantities are:

- S. NICHOLAS AVE.
 (1) 1696 c.y. roadway excav.;
 (2) 7103 sq. yds. subgrade preparation;
 (3) 1726 tons D G base;
 (4) 502 tons plant mix surfacing mineral aggregate MC-4 type;
 (5) 265 tons liquid asph. for plant mix surface MC-4 type;
 (6) 6.63 tons liquid asphalt prime coat MC-2 type;
 (7) 4.44 tons liquid asphalt seal coat MC-3 type;
 (8) 39.2 tons stone screenings seal coat.

- NO. RAYMOND AVE.
 (1) 680 c.y. roadway excav.;
 (2) 3725 sq. yds. subgrade preparation;
 (3) 905 tons D G base;
 (4) 268.6 tons plant mix surfacing mineral aggregate MC-4 type;
 (5) 14.2 tons liquid asphalt for plant mix surface, MC-4 type;
 (6) 3.56 tons liquid asphalt for prime coat, MC-2 type;
 (7) 2.4 tons liquid asphalt for seal coat, MC-3 type;
 (8) 21 tons stone screenings, seal

BIDS WANTED

SAN FRANCISCO.—Until August 17, 1:45 P. M., informal bids will be received by the S. F. Department of Public Works, Room 251, City Hall for removing sand on roadway and sidewalk area of Kirkham St. between 37th and 39th Avenues. Estimated cost \$990.

Plans and specifications may be obtained from John J. Casey, City Engineer, City Hall. * 29

CONTRACT AWARDED

MONTEREY CO., Calif.—Gratten Construction Co., 75 S. D., Bin No. 9, Watsonville, at \$37,978.00 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for grading and surfacing with natural rock asphalt about 0.9 miles over Welby Hill about 4.6 miles south of King City, (V-M-Non-2-F), Monterey County, Calif. * 29

BIDS WANTED

SAN FRANCISCO.—Until August 17, 1:45 P. M., informal bids will be received by the S. F. Department of Public Works, Room 251, City Hall, for removal of slide material on Macarrels Avenue between Genessee and Foerster Sts. Est. cost \$550.

Plans and specifications may be obtained from John J. Casey, City Engineer, City Hall, upon the deposit of \$10.00. * 29

CONTRACT AWARDED

STATE OF OREGON—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for highway construction, as follows:
CLATSOP AND TILLAMOOK COS.—Arch. Cape Beaudouin Creek Section of Oregon Coast Highway, FAP 150-G (2); 2.10 mi. grading requiring about 423,000 cu. y. excav. Awarded A. C. Greenwood, 3201 NW Front Ave., Portland, \$128,832.

Other bidders.—McNutt Bros., Eugene, Ore., \$138,982; Kern and Kibbee, Portland, \$139,111; Leonard and Slate, Multnomah, Ore., \$139,588; Roy L. Houck, Salem, Ore., \$146,201; M. L. O'Neil and Son, Eugene, Ore., \$150,416; Berke Bros. Inc., Portland, \$153,838; Fisher Bros., Oregon City, Ore., \$156,003; F. C. Dillard, Medford, \$157,879; Williams and Douglas, Kallispell, Mont., \$160,960; K. L. Goulter, Seattle, \$171,838; J. A. Lyons, Portland, \$175,210; Colonial Construction Co., \$179,040; Joplin and Eldon, Portland, \$197,362; Harold Blake, 400 N. Thompson, Portland, \$203,455.

COOS COUNTY: Catching Slough Bridge Section of the Coos River Secondary Highway. The improvement will consist of the construction of 0.27 mile of highway roadbed and a steel and timber bridge over Catching Slough, approx. 940 ft. long. The work will involve approx. 7300 cu. y. excavation, 65 lf. culvert pipe, 70 cu. y. riprap, 1500 cu. y. crushed gravel surfacing, 300 cu. y. struc. excavation, drive 360 pillings, 90 MFBM Port Orford cedar lumber, 775 lf. f. trestle superstructure, 360 cu. y. concrete, 19,000 lbs. metal reinforcement, 184,000 lbs. structural reinf., 184,000 lbs. structural steel, and 16,000 lbs. of machinery.

Awarded J. W. and J. R. Hillstrom, Marshfield, \$65,205.

Other Bidders: Coos Bay Dredging Co., Marshfield, Ore., \$65,205; Tom Lillebo, Reedsport, Ore., \$71,473; C. J. Montag and Son, Portland, \$80,023.

DESCHUTES CO.: Bend Section of Century Drive Secondary Highway; State Project; 1.2 miles grading and surfacing; also furnishing 300 cu. y. of screened gravel in stockpile. Requires approx. 6,500 cu. y. excavation; 2,700 cu. y. jit-run cinders; 2,400 cu. y. pit-run gravel; and 300 cu. y. screened gravel.

Low bidder: Fisher Bros., Oregon City, \$9732. Referred to engr. with power to award.

Other Bidders: River Bend Sand and Gravel Co., Salem, Ore., \$10,492; H. L. Rice, Portland, \$11,292; O. C. Yocum, Portland, \$11,668.

KLAMATH COUNTY: Klamath Falls Bldg. The project will consist of the construction of a frame bldg. 32 x 140 feet complete with heating plant.

Low bidder: G. I. Stebbins Construction Co., Klamath Falls, Ore., \$12,764.

Other bidders: E. Gray, Klamath Falls, \$13,178; Brosterhouse Construction Co., Klamath Falls, Ore., \$13,588.

All bids rejected and project ordered readvertised.

LANE CO.: Salt Creek Section of Willamette Highway, FAP 195-D (1); clrg 3.16 mi. of highway right of way. Awarded F. C. Dillard, Medford, \$14,100.

Other bidders.—Heller and Gilliganon, Scappoose, Ore., \$18,150.

LINN COUNTY: Fleming Ranch-Schindler Bridge Section of the Albany-Lyons Secondary Highway. The improvement will consist of the construction of 1.62 miles of highway roadbed and a concrete bridge approximately 232 ft. long over Thomas Creek. The work will involve approximately 7,560 cu. y. channel ex-

PIMA CO., ARIZ.—HWY. IMPROVEMENTS—(STATE)

PIMA COUNTY, Arizona.—Tanner Const. Co., 801 Security Bldg., Phoenix, at \$30,716 submitted low bid to Arizona State Highway Commission, Phoenix, for improvement of Ajo-Tucson highway, FAS 110F (1) (1938): AFE 632. The work, which begins at the Tucson-San Xavier Mission Rd. and extends east about two miles to the Tucson-Nogales Highway, consists of grading, draining, aggregate base course and oil processing (SC-2 road- or plant-mix) and is to be completed on or before Dec. 31, 1938.

- Work involves:
- (1) 8,303 cu. y. rdwy. excav., unclass.;
 - (2) 3,904 cu. y. drainage do;
 - (3) 220 cu. y. struc. do;
 - (4) 2,455 sta. yds. overhaul;
 - (5) 1,499 cu. y. m. haul;
 - (6) 7,012 cu. y. imported borrow;
 - (7) 4,728 tons agg. basecourse;
 - (8) 790 M. gals. sprinkling;
 - (9) 252 hours rolling;
 - (10) 4 cu. y. Class B concrete;
 - (11) 132 lbs. reinf. steel;
 - (12) 104 lf. 36-in. CMP;
 - (13) 50 cu. y. plain riprap;
 - (14) 120 cu. y. wire basket bank protection;
 - (15) 30 each guide posts;
 - (16) 15 each, R/W markers, type A;
 - (17) 20 MBM treated timber;
 - (18) 1,055 lf. treated timber piles;
 - (19) 27 each driving piles;
 - (20) 45 lf. test pile;
 - (21) 1 each driving test piles, untreated;

- (22) 1 each water barrel;
- (23) 3,301 tons mineral agg.;
- (24) 42,903 gals. road oil, SC-2;
- (25) 2,003 miles processing road mix;
- (26) 410 tons screenings;
- (27) 58 tons emulsified asph. (Class A) for seal coat;
- (28) 838 sq. yds. placing intersections
- (29) 23,724 sq. ft. 1½-in. gullite;
- (30) 1 lump sum removal of timber bridge (Sta. 1435 plus 75);
- (31) 1 lump sum do (Sta. 1384);
- (32) 1 lump sum processing and hauling road mix for stockpile;
- (33) 1 lump sum studding bridge fl. with nails (Sta. 1418);
- (34) 45 tons special cutback plantmix
- (35) 2 tons cutback asph. (MC-4);
- ALT. (in lieu of Items 23, 24, 25, 26)
- (23-A) 3,474 tons plant mix (including haul);
- (24-A) 174 tons road oil (SC-2);
- (25-A) 2,003 miles placing plant mix;
- Total bids including:
- (A) Tanner Const. Co., Phoenix, \$30,715.91; Alt., no bid.
- (B) Pearson & Dickerson, Prescott, \$31,783.59; Alt., no bid.
- (C) Phoenix-Tempe Stone Co., Phoenix, \$33,989.18; Alt., no bid.
- (D) Oswald Bros., Los Angeles, \$36,345.76; Alt., \$38,438.75.
- (E) Lewis Bros., Phoenix, \$49,038.27; Alt., \$41,616.64.
- (F) Tiffany Const. Co., Phoenix, \$39,439.31; Alt., \$45,496.25.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$.24	\$.25	\$.30	\$.40	\$.40	\$.32
(2)	.20	.34	.20	.30	.40	.30
(3)	1.00	.90	1.20	1.00	2.00	1.50
(4)	.01	.02	.03	.02	.02	.03
(5)	.25	.24	.24	.25	.20	.35
(6)	.35	.30	.32	.40	.48	.40
(7)	.55	.47	.53	.65	.70	.80
(8)	1.25	1.20	1.50	1.25	1.50	2.00
(9)	2.75	3.00	3.00	3.00	3.00	3.00
(10)	25.00	25.00	30.00	20.00	50.00	40.00
(11)	.10	.10	.09	.10	.20	.20
(12)	5.00	5.00	5.32	5.00	5.00	5.00
(13)	2.50	2.25	2.40	4.00	2.00	7.00
(14)	3.00	3.00	3.00	6.00	3.00	2.00
(15)	3.00	2.50	2.40	3.00	2.00	3.00
(16)	3.00	2.50	2.40	3.00	3.00	3.00
(17)	115.00	106.50	120.00	140.00	148.00	120.00
(18)	1.00	1.00	1.00	1.10	1.00	1.25
(19)	27.00	30.00	30.00	22.00	70.00	60.00
(20)	2.00	1.00	1.20	1.50	1.00	2.00
(21)	125.00	175.00	150.00	100.00	700.00	300.00
(22)	15.00	20.00	12.00	10.00	20.00	20.00
(23)	.65	.70	.73	.80	1.32	1.05
(24)	.06	.06	.06	.07	.07	.07
(25)	500.00	575.00	600.00	700.00	500.00	600.00
(26)	3.00	2.60	3.60	3.00	2.32	4.00
(27)	30.00	28.00	31.90	35.00	29.00	30.00
(28)	.15	.14	.12	.15	1.25	.40
(29)	.24	.28	.29	.25	.17	.26
(30)	75.00	160.00	100.00	100.00	300.00	300.00
(31)	125.00	275.00	150.00	200.00	100.00	150.00
(32)	75.00	95.00	90.00	125.00	200.00	200.00
(33)	60.00	90.00	30.00	125.00	110.00	160.00
(34)	3.00	4.00	4.00	5.00	3.00	3.00
(35)	20.00	24.00	30.00	25.00	50.00	40.00
		ALTERNATE				
(23-A)				1.75	2.30	3.05
(24-A)				16.00	13.50	18.00
(25-A)				200.00	400.00	100.00

SAN FRANCISCO—RECONSTRUCT. POLK ST.—(CITY)

SAN FRANCISCO.—M. J. Lynch, 1435 Church Street, at \$12,878 submitted low bid to S. F. Dept. of Public Works, Rm. 251, City Hall, under Spec. No. 19121, for widening and reconstructing Polk Street between Market and Grove Streets San Francisco. Estimated cost \$16,000.

- Work involves:
- (1) 1100 lin. ft. stone curb reset, all sizes;
 - (2) 175 sq. ft. stone curb redressed;
 - (3) 100 lin. ft. armored concrete curb;
 - (4) 60 lin. ft. new granite curb (tangent, 6-inch);

- (5) 10 lin. ft. new granite curb (tangent, 10-inch);
- (6) 7 brick catchbasins, moved and reconstructed;
- (7) 1 brick catchbasin, complete;
- (8) 40 lin. ft. 10-inch VCP culvert;
- (9) 4 manhole frames and covers installed;
- (10) 1 low pressure fire hydrant moved;
- (11) 1 high pressure fire hydrant moved;
- (12) 800 pounds cast iron pipe (high pressure);
- (13) 75 pounds cast iron specials (high pressure);

cavation, 18,500 c.y. excavation single classification, 400 lf. 12-in. concrete pipe, 200 lf. 18-in. concrete pipe, 9100 c.y. surfacing material, 300 c.y. of structural excavation, 550 c.y. concrete, \$102,000 lbs. metal reinf., 480 lf. of concrete handrail.

Awarded Leonard and Slate, Multnomah, \$46,352.

Other bidders: Mountain States Construction Co., Eugene, Ore., \$47,666; Harold Blake, Portland, \$45,156; E. C. Hall and Snook Bros., Eugene, Ore., \$45,542; Birkmeier and Sarxal, Milwaukie, Ore., \$53,669; Joplin and Eldon, Portland, \$55,386.

LINN CO.: Shedd-Halsey Section of Pacific Highway East, FAP 56-C(2), 6.73 mi. roadside improvement. Awarded D. L. Ashton, Lebanon, \$3406.

Other bidders: Leonard and Slate, Multnomah, Ore., \$3761; River Bend Sand and Gravel Co., Salem, \$4487.

UMATILLA COUNTY: Umapine-Sunnyside Section of Umapine-Secondard Highway. The improvement will consist of the construction of approx. 15,000 c.y. excavation, 17,000 c.y. pit-run gravel roadbed topping, 5,700 c.y. crushed gravel materials, 59,600 s. yds. of oil mat surface treatment. Length of project approx. 5.64 miles.

Awarded E. C. Gerber, Oregon City, \$34,230.

Other bidders: Standard Asphalt Paving Co., Spokane, \$36,448; Saxton, Looney and Riskey, Portland, \$38,978; Rogers Construction Co., Dayton, Wash., \$39,731; Newport Construction Co., Portland, \$44,352; H. L. Rice, Portland, \$48,231. * 29

BIDS WANTED

PLACERVILLE, El Dorado Co., Calif.—Until August 18, 2 00 P. M., bids will be received by the U. S. Forest Service, El Dorado National Forest, F. F. Moran, Acting Forest Supervisor, Placerville, under Bid No. 106, for furnishing and spreading 7,000 gallons asphaltic road oil (SC-3) on camp grounds roads at Silver Lake, on Alpine Highway approximately 58 miles east of Jackson.

Plans and specifications available at above office. * 29

CONTRACT AWARDED

COLUMBIA BASIN PROJ. Wash. —Goodfellow Bros., Inc., Wenatchee, Wash., at \$15,642.50 awarded contract by the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 1082-D, for the construction of roads to the Rock Island Dam Columbia Basin Project, Wash. 29

AWARDS RECOMMENDED

COCONINO CO., Arizona.—Fisher Contr. Co., 516 7th St., Phoenix, at \$49,990.95 (1) and \$35,905.00 (2) were recommended for award of contracts by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for (1) grading, draining, and placing surfacing with bituminous treatment on 6.137 miles of Section D of Route 28, Fredonia-Houserock Valley National Forest Highway; and (2) grading and surfacing on 1.278 miles of Section C and a portion of Section F, Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, both in Coconino County. Awards recommended based on 10% disc. Above contracts previously reported awarded, which was an error.

BIDS WANTED

FULLERTON, Orange Co., Calif.—Until Aug. 16, 7 30 P. M., bids will be received by the Fullerton City Council for grading and paving the roadway of S. Nicholas Ave., between West Commonwealth Ave. and the S. city limits and North Raymond Ave., between East Commonwealth

- (14) 75 pounds cast steel specials (high pressure);
- (15) 120 pounds lead;
- (16) 5 cu. yds. high pressure hydrant excavation;
- (17) 160 pounds wrought iron bolts, nuts and washers;
- (18) 7 street and traffic signs reset;
- (19) 2 electric traffic signals relocated (vehicular);
- (20) 2 electric traffic signals relocated (pedestrian);
- (21) 1 fire alarm box relocated;
- (22) 2 electrolights relocated;
- (23) 1,700 lin. ft. 1/2-inch conduit;
- (24) 22,500 sq. ft. asphaltic wearing surface removed;
- (25) 5,500 sq. ft. pavement base removed;
- (26) 25 lin. ft. 6-inch VCP sidesewer;
- (27) 7,100 sq. ft. 8-inch class "EP" 5-sack concrete pavement, parking lane;
- (28) 300 tons asphaltic concrete wear-

- ing surface.
 - (29) 200 tons asphaltic concrete binding course;
 - (30) 25 cu. yds. class "EP" 5-sack concrete pavement base;
 - (31) 100 new cross-walk markers;
 - (32) 3,500 sq. ft. two-course concrete sidewalk;
 - (33) Alteration and reconstruction of sub-sidewalk basement Health Center Bldg.
- Total bids follow:
 (A) M. J. Lynch, 1435 Church Street, \$12,878.40.
 (B) The Lowrie Paving Co., Inc., \$14,307.10.
 (C) West Const. Co., \$14,730.00.
 (D) Mills Const. Co., \$14,891.25.
 (E) A. G. Raisch, \$15,092.25.
 (F) J. J. Gartland, \$15,814.75.
 (G) The Fay Imp. Co., \$15,861.15.
 (H) Chas. L. Harney, \$15,891.65.
 (I) E. J. Treacy, \$16,497.15.

Unit prices follow—

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$.40	\$.40	\$.40	\$.42	\$.36	\$.42	\$.45	\$.42	\$.50
(2).....	.50	.50	.70	.60	.60	.75	.75	.70	1.00
(3).....	1.00	1.00	.90	.75	.94	1.00	.90	1.00	1.00
(4).....	1.90	2.00	2.00	2.50	2.10	2.50	2.55	3.00	2.00
(5).....	2.50	5.00	2.00	4.00	3.85	5.00	4.00	6.00	2.50
(6).....	45.00	50.00	90.00	60.00	68.60	50.00	70.00	80.00	50.00
(7).....	90.00	80.00	100.00	100.00	116.00	100.00	92.00	125.00	70.00
(8).....	1.50	2.50	1.00	1.50	1.35	2.00	2.35	1.50	1.50
(9).....	30.00	35.00	30.00	35.00	30.00	35.00	42.00	30.00	21.00
(10).....	50.00	60.00	75.00	35.00	70.00	45.00	50.00	55.00	35.00
(11).....	30.00	60.00	60.00	60.00	45.00	70.00	40.00	65.00	60.00
(12).....	.10	.20	.16	.15	.17	.10	.14	.12	.12
(13).....	.12	.20	.16	.15	.17	.10	.14	.12	.37
(14).....	.20	.20	.16	.50	.45	.20	.38	.35	.35
(15).....	.06	.08	.10	.10	.09	.10	.07	.07	.07
(16).....	2.00	3.00	1.50	5.00	1.80	2.00	2.75	3.00	4.00
(17).....	.17	.20	.15	.35	.35	.10	.17	.15	.20
(18).....	2.00	2.50	65.00	5.00	8.00	2.00	3.00	6.00	7.00
(19).....	70.00	150.00	70.00	55.00	52.00	60.00	25.00	90.00	92.00
(20).....	20.00	125.00	70.00	40.00	52.00	60.00	99.00	70.00	75.00
(21).....	75.00	125.00	100.00	50.00	56.00	75.00	85.00	80.00	79.00
(22).....	125.00	150.00	75.00	90.00	83.00	125.00	135.00	130.00	130.00
(23).....	.50	.70	.40	.50	.40	.50	.45	.65	.60
(24).....	.03	.03	.06	.05	.052	.05	.047	.04	.03
(25).....	.05	.08	.05	.06	.06	.05	.05	.065	.09
(26).....	1.00	2.00	2.00	1.50	2.25	2.25	2.75	2.25	1.25
(27).....	.28	.28	.22	.29	.28	.275	.328	.34	.35
(28).....	4.00	4.10	4.00	4.25	3.93	4.55	5.00	4.00	4.00
(29).....	3.90	4.10	3.75	4.25	3.78	4.65	4.75	4.00	4.00
(30).....	8.00	6.50	7.00	10.00	7.40	7.25	8.00	9.75	7.50
(31).....	.15	.20	.28	.30	.24	.15	.18	.25	.22
(32).....	.13	.13	.14	.14	.15	.14	.155	.12	.14
(33).....	4634 00	4450 00	5172 00	5231 00	5830 00	6065 00	5500 00	5500 00	6500 00

Ave. and East Chapman Ave., approx. 0.25 mi. Cash, certified or cashier's check or bond for 10%. Plans and specifications may be obtained from Herman Hiltcher, city engineer, F. C. Hezmelhalch, city clerk. This is a cash contract, funds being derived from gas tax proceeds. The quantities are:

- S. NICHOLAS AVE.
- (1) 1696 c.y. roadway excav.;
 - (2) 7103 sq. yds. subgrade preparation;
 - (3) 1726 tons D G base;
 - (4) 5025 tons plant mix surfacing mineral aggregate MC-4 type;
 - (5) 265 tons liquid asph. for plant mix surface MC-4 type;
 - (6) 6.63 tons liquid asphalt prime coat MC-2 type;
 - (7) 4.44 tons liquid asphalt seal coat MC-3 type;
 - (8) 39.2 tons stone screenings seal coat.

- NO. RAYMOND AVE.
- (1) 680 c.y. roadway excav.;
 - (2) 3725 sq. yds. subgrade preparation;
 - (3) 905 tons D G base;
 - (4) 268.6 tons plant mix surfacing mineral aggregate MC-4 type;
 - (5) 14.2 tons liquid asphalt for plant mix surface, MC-4 type;
 - (6) 3.56 tons liquid asphalt for prime coat, MC-2 type;
 - (7) 2.4 tons liquid asphalt for seal coat, MC-3 type;
 - (8) 21 tons stone screenings, seal

BIDS WANTED

SAN FRANCISCO.—Until August 17, 1 45 P. M., informal bids will be received by the S. F. Department of Public Works, Room 251, City Hall, for removing sand on roadway and sidewalk area of Kirkham St. between 37th and 39th Avenues. Estimated cost \$990.

Plans and specifications may be obtained from John J. Casey, City Engineer, City Hall. * 29

CONTRACT AWARDED

MONTEREY CO., Calif.—Granite Construction Co., Ltd., Bin No. 9, Watsonville, at \$37,978.00 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for grading and surfacing with natural rock asphalt about 0.9 miles over Welby Hill about 4.6 miles south of King City, (V-Non-2-F), Monterey County, Calif. * 29

BIDS WANTED

SAN FRANCISCO.—Until August 17, 1 45 P. M., informal bids will be received by the S. F. Department of Public Works, Room 251, City Hall, for removal of slide material on Marjells Avenue between Genessee and Foerster Sts. Est. cost \$850.

Plans and specifications may be obtained from John J. Casey, City Engineer, City Hall, upon the deposit of \$10.00. * 29

CONTRACT AWARDED

BUTTE COUNTY, Cal.—Chas. Kuppinger, Box 356, Lakeport, at \$18,217 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of about 3 miles of highway with gravel base and armor coat between 97 mile north of Biggs and State Highway Route 45, Butte County.

BIDS WANTED

SAN FRANCISCO.—Until August 17, 1:45 P. M., informal bids will be received by the S. F. Department of Public Works, Room 251, City Hall, for construction of four sidewalks in Anza St. between 47 and 48th Aves. Est. cost \$756.50.

Plans and specifications may be obtained from John J. Casey, City Engineer, City Hall, upon the deposit of \$10.

30—RESERVOIRS & DAMS

BIDS OPENED

YAKIMA PROJECT, Wash.—Morrison-Knudsen Company, Inc., P. O. Box 1518, Boise Idaho, at \$526,860, submitted low bid to the U. S. Bureau of Reclamation, Yakima, under Spec. No. 793, for construction of the Roza diversion dam, bench flume, and railroad bridge, Yakima Ridge canal, Roza division, Yakima Project, Wash.

Total bids follow:
Morrison-Knudsen Co., Boise, Idaho, \$526,860.00.

Barnard-Curtis Company, Minneapolis, Minn., \$531,576.50.

L. Romano Engineering Corp., Seattle, Wash., \$566,853.00.

Winston Bros Co., Minneapolis and Kern & Kibbe, Portland, \$682,192.00.

Natt McDougall Co., Portland, \$589,215.00.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th St., S. F.

ALAMEDA COUNTY—GRADING & PAVING—(STATE)

ALAMEDA COUNTY, Cal.—Jones & King, Jackson St., Hayward, at \$269,769.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles of grading and paving with asphalt concrete and Portland cement concrete between Castro Valley Junction and San Leandro, Alameda County.

- Work involves:
- (1) 100 each remove trees, size 1;
 - (2) 30 each remove trees, size 2;
 - (3) 20 each remove trees, size 3;
 - (4) 3,600 M. gals. water;
 - (5) 250,000 c.y. rdwy. excav., unclass.
 - (6) 3,250,000 sta. yds. overhaul;
 - (7) 5,150 c.y. struc. excav.;
 - (8) 750 c.y. ditch excav.;
 - (9) 8,000 c.y. top soil;
 - (10) 1,050 c.y. remove concrete;
 - (11) 186 sta. finish rdwy.;
 - (12) 105,000 sq. yds. prepare sub-grade;
 - (13) 6,000 sq. yds. asphaltic paint binder;
 - (14) 18,150 tons asph. conc.;
 - (15) 8,280 c.y. Class B Portland cement conc. pave.;
 - (16) 350 tons liq. asph. SC-2, road mix surf. treat. and penetration oil treatment;
 - (17) 43,000 sq. yds. prepare, mix and shape shoulders;
 - (18) 10 tons liquid asphalt 90-95 seal coat;
 - (19) 90 tons screenings seal coat and penetration oil treatment;
 - (20) 1,400 tons crusher run base borders;
 - (21) 85,000 lbs. reinf. steel pave. and struc.;
 - (22) 500 c.y. Class A Portland cement conc. struc.;
 - (23) 850 c.y. Class B Portland cement conc. curbs and sidewalks;
 - (24) 15,450 each pave. dowels;
 - (25) 405 each curb dowels;
 - (26) 1,630 lf. 18-in. stand. reinforced conc. pipe;
 - (27) 320 lf. 6-in. vit. clay pipe;
 - (28) 300 lf. 8-in. CMP;
 - (29) 1,400 lf. 12-in. CMP;
 - (30) 600 lf. 15-in. CMP;
 - (31) 3,100 lf. 18-in. CMP;
 - (32) 430 lf. 24-in. CMP;
 - (33) 120 lf. 30-in. CMP;
 - (34) 42 lf. 48-in. CMP;
 - (35) 6,800 lf. 8-in. perf. metal pipe underdrains;
 - (36) 1,400 c.y. rock fill material underdrains;
 - (37) 5 each spillway assemblies;
 - (38) 58 each cast steel frames and covers for drop inlets;
 - (39) 28 each frames and gratings for special catchbasins;
 - (40) 1 each brick catchbasin;
 - (41) removing reservoir;
 - (42) 1,100 lbs. copper strips;
 - (43) 330 lf. ornamental fence;
 - (44) 4 each new iron floor drains;
 - (45) 2 miles cast steel fence;
 - (46) 20 each drive gates;
 - (47) 6 each walk gates;
 - (48) 60 each culvert markers;
 - (49) 30 each guide posts;
 - (50) 50 each clearance markers;
 - (51) 65 each monuments;
 - (52) 1 lot lighting equipment.
 - (53) 395,000 each, ice plants.
- Total bids follow:
- (A) Jones & King, Jackson St., Hayward, \$269,769.25.
 - (B) Fredericksen & Westbrook, Lower Lake, \$275,947.15.
 - (C) David H. Ryan, San Diego, \$278,355.55.
 - (D) Granfield-Farrar & Carlin, S. F., \$281,526.25.
 - (E) Union Paving Co., San Francisco \$284,551.05.
 - (F) N. M. Ball Sons, Berkeley, \$295,715.50.
 - (G) Hanrahan Co., San Francisco, \$298,751.25.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 2.00	.50	\$ 3.00	\$10.00	\$ 2.00	\$10.00	\$.50
(2)	5.00	1.00	10.00	20.00	5.00	22.00	1.00
(3)	10.00	40.00	20.00	40.00	25.00	50.00	30.00
(4)	1.25	1.15	.25	1.25	.90	1.00	.70
(5)	.216	.21	.25	.24	.22	.235	.27
(6)	.003	.004	.0025	.003	.003	.004	.003
(7)	1.20	.70	1.30	1.00	1.30	1.00	1.00
(8)	.85	.70	1.00	.40	.70	.70	.60
(9)	.33	.27	.60	.50	.50	.45	.30
(10)	2.00	1.90	2.00	1.70	2.50	2.00	2.00
(11)	8.00	10.00	5.00	6.00	8.00	5.00	6.00
(12)	.06	.08	.10	.07	.09	.08	.05
(13)	.02	.02	.03	.02	.02	.02	.02
(14)	3.04	3.25	3.00	3.00	3.30	3.20	3.20
(15)	6.60	6.95	7.15	7.50	7.30	7.45	8.25
(16)	10.50	10.00	9.00	11.00	11.00	13.00	10.50
(17)	.06	.045	.05	.05	.07	.06	.06
(18)	15.00	12.00	12.00	15.00	15.00	13.00	15.00
(19)	2.50	2.25	2.50	2.25	3.00	2.50	3.00
(20)	1.90	1.50	2.00	2.00	2.50	2.30	2.00
(21)	.06	.055	.06	.05	.04	.06	.055
(22)	21.00	20.00	25.00	20.00	21.00	20.00	22.00
(23)	15.00	15.00	15.00	15.00	14.00	15.00	14.00
(24)	.15	.15	.12	.14	.11	.15	.15
(25)	.25	.20	.25	.35	.11	.20	.25
(26)	2.00	1.70	2.00	1.50	2.00	2.30	2.20
(27)	.55	.70	1.00	.40	.70	1.00	.60
(28)	.95	.90	.80	.90	1.00	1.00	1.10
(29)	1.25	1.10	1.10	1.25	1.25	1.15	1.30
(30)	1.55	1.25	1.25	1.50	1.50	1.30	1.50
(31)	1.85	1.70	1.70	2.00	1.90	2.00	2.00
(32)	2.70	2.50	2.40	2.50	3.00	2.50	3.00
(33)	3.45	3.00	3.50	3.00	3.50	3.10	3.60
(34)	7.00	7.20	6.00	7.00	8.00	7.00	7.00
(35)	.95	.90	.90	.90	1.00	1.00	1.00
(36)	1.80	2.50	2.00	2.25	3.00	2.60	2.20
(37)	14.00	16.00	14.00	15.00	20.00	15.00	15.00
(38)	55.00	50.00	55.00	50.00	50.00	47.00	50.00
(39)	50.00	45.00	50.00	45.00	45.00	44.00	45.00
(40)	80.00	70.00	80.00	100.00	100.00	100.00	100.00
(41)	125.00	500.00	200.00	100.00	350.00	500.00	100.00
(42)	.60	.50	.30	.60	.40	.40	.40
(43)	6.00	5.00	5.00	5.00	6.00	7.00	6.50
(44)	8.75	8.00	10.00	10.00	10.00	30.00	7.00
(45)	650.00	500.00	700.00	670.00	700.00	738.00	600.00

BIDS WANTED

COLUMBIA BASIN PROJ., Wash.—Until Sept. 2, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 795, for the construction of fish traps for migratory-fish control at Rock Island Dam, Columbia Basin Project, Wash.

- Work involves:
- (1) 1,050 c.y. excav. for structures;
 - (2) 305 c.y. excav. for concrete;
 - (3) 670 c.y. backfill;
 - (4) 2,165 c.y. concrete;
 - (5) placing 190,650 lbs. reinf. bars;
 - (6) installing 400 lf. steel highway guard rails;
 - (7) drilling 300 lf. holes for anchor bars;
 - (8) erecting 146 MFEM timber;
 - (9) erecting 91,260 lbs. struc. steel;
 - (10) installing 73,500 lbs. gales, machinery and other metal work;
 - (11) installing electrical conduits, conductors, ground wires and apparatus.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.50, not returnable.

(46).....	20.00	18.00	20.00	20.00	16.00	20.00	18.00
(47).....	8.50	12.50	10.00	10.00	10.00	12.00	10.00
(48).....	3.00	2.00	1.50	2.25	3.00	2.50	2.00
(49).....	2.50	2.00	1.50	2.00	3.00	3.00	2.00
(50).....	5.00	5.00	2.50	6.00	6.00	5.00	7.00
(51).....	3.00	2.25	3.00	3.00	3.00	3.00	2.50
(52).....	550.00	500.00	300.00	400.00	500.00	700.00	200.50
(53).....	.013	.02	.02	.01	.008	.016	.02

PLACER COUNTY—GRADING & PAVING—(STATE)

PLACER COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138, Lower Lake, at \$78,618.40 submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineering, Public Works Bldg., Sacramento, for about 2.3 miles of grading and paving with Portland cement concrete between 0.6 mile east of Roseville and Rocklin, Placer Co.

Work involves:

- (1) clear and grub;
- (2) 1,000 M. gals. water;
- (3) 42,000 c.y. rdwy. excav., unclass.
- (4) 750 c.y. struc. excav.;
- (5) 800 c.y. ditch and channel excav.
- (6) 6,500 c.y. imported borrow;
- (7) 734,000 sta. yds. overhaul;
- (8) 29,000 sq. yds. preparing subgrade;
- (9) 620 c.y. remove concrete;
- (10) 122 sta. finish rdwy.;
- (11) 48 sta. scarifying exist. roadbed
- (12) 3,000 c.y. salvaged surf.;
- (13) 125 tons plant mix surf.;
- (14) 105 tons liq. asph. SC-2 road mix surf. treat. and prime coat;
- (15) 57 tons sand prime coat;
- (16) 18,000 sq. yds. preparing, mixing and shaping roadbed, road mix surf. treat.;
- (17) 12 tons liq. asph. 90-95 seal coat;
- (18) 130 tons screenings, seal coat;
- (19) 22,200 lbs. bar reinf. steel pave. and struc.;
- (20) 10 c.y. Class A Portland cement conc. struc.;
- (21) 5,150 c.y. Class B do for conc. pavement;
- (22) 11,900 each pavement dowels;

- (23) 4,200 each pave. tie bolt assemblies;
- (24) 5 sections pave. crossing devices
Type A special;
- (25) 4 sections do, Type B-11;
- (26) 136 lf. 12-in. CMP;
- (27) 430 lf. 18-in. CMP;
- (28) 76 lf. 24-in. CMP;
- (29) 34 lf. 42-in. CMP;
- (29) 62 lf. 48-in. CMP;
- (31) 726 lf. 8-in. perf. metal pipe underdrain;
- (32) 160 c.y. rock filling material;
- (33) 46 lf. clean and relay existing CMP;
- (34) 6 each remove and reset head-walls;
- (35) 80 lf. laminated guard railing;
- (36) 720 lf. temporary guard railing
- (37) 24 each culvert markers;
- (38) 50 each guide posts;
- (39) 10 each remove and reset guide posts;
- (40) 40 ea. remove and salvage guide posts;
- (41) 1.4 miles remove and reset property fence;
- (42) 2 each drive gates;
- (43) 40 each monuments.

- Total bids follow:
- (A) Fredericksen & Westbrook, P. O. Box 138, Lower Lake, \$78,618.40.
 - (B) N. M. Ball Sons, Berkeley, \$87,352.60.
 - (C) Louis Biasotti & Son, Stockton, \$88,884.10.
 - (D) A. Teichert & Son, Inc., Sacramento, \$91,073.00.
 - (E) A. G. Raisch, San Francisco, \$98,379.90.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$300.00	\$1200.00	\$ 500.00	\$ 500.00	\$ 200.00
(2)	2.00	1 10	1.00	1.25	1.50
(3)	.28	.34	.30	.28	.267
(4)	1.00	1 10	1.00	1.50	1.50
(5)	.75	.80	.50	.80	1.50
(6)	.40	.43	.50	.38	.64
(7)	.004	.006	.005	.005	.003
(8)	.07	.09	.09	.09	.09
(9)	2.00	2 00	3.00	1.50	1.50
(10)	5.00	5 00	6.00	7.00	8.00
(11)	5.00	3 00	10.00	12.00	4.00
(12)	.50	.75	.60	.85	.50
(13)	3.50	4 00	6.00	5.00	6.00
(14)	9.20	11 00	15.00	13.00	10.00
(15)	2.00	2 50	3.00	3.00	2.50
(16)	.05	.06	.07	.06	.07
(17)	20.00	14.00	18.00	20.00	15.00
(18)	2.30	2 15	3.00	3.50	3.00
(19)	.07	.07	.07	.075	.07
(20)	30.00	30 00	40.00	30.00	35.00
(21)	7.50	8 00	8.30	9.20	10.00
(22)	.15	.17	.20	.16	.17
(23)	.50	.40	.40	.40	.34
(24)	50.00	75.00	40.00	65.00	80.00
(25)	40.94	60.00	40.00	50.00	65.00
(26)	.90	1 40	2.00	1.50	1.35
(27)	1.70	2 00	2.45	2.00	2.00
(28)	2.50	2 60	3.00	3.00	3.30
(29)	5.50	5 50	7.75	6.50	7.00
(30)	7.50	6 50	9.50	7.50	9.00
(31)	.90	1 10	1.10	1.00	1.00
(32)	2.50	2 50	4.00	2.75	2.50
(33)	.80	1 00	.75	1 00	.50
(34)	11.50	15.00	10.00	15.00	20.00
(35)	1.25	1 25	1.50	1.25	1.50
(36)	.85	.60	1.00	.55	.75
(37)	2.00	3 00	3.00	3.00	2.00
(38)	2.00	2 50	3.00	3.00	2.00
(39)	1.15	1 00	1.00	2.00	1.00
(40)	.35	.40	.50	.25	.50
(41)	325.00	350 00	400.00	400.00	500.00
(42)	18.00	20 00	20.00	20.00	20.00
(43)	2.50	2 70	3.00	3.00	3.00

31—PIPE LINES & WELLS

BIDS OPENED

SACRAMENTO AIR DEPOT—F. H. Eaton, N. Cleveland & Park Ave., Woodland, at \$900, submitted low bid to the Constructing Quartermaster Sacramento Air Depot, under Bid No. 6570-39-2, for drilling well for Radio Transmitter Bldg. at the Sacramento Air Depot.

Total bids follow:

- F. H. Eaton, N. Cleveland & Park Ave., Woodland, \$900.
- Coffman Bros., Woodland, \$912.
- H. L. Norris, Sacramento, \$1050.

BIDS OPENED

SAN DIEGO, Calif.—Fred W. Weber, 8442 California Ave., South Gate, at \$20,526.50, submitted low bid to San Diego city council for the construction of about 3500 ft. of 18-in. cast iron pipe line one mile north of Delmar, located in front of the fair grounds of the 22nd Agricultural District Association property in accordance with plans and specifications prepared by Hydraulic Engineer Howard Pyle, 524 "F" St.

The total bids were:

- Fred W. Weber, \$20,526.50.
- J. L. Kruly, L. A., \$21,414.50.
- Fran Doran, San Diego, \$21,901.
- V. R. Dennis Constr. Co., San Diego, \$21,971.80.
- Harry L. Foster, San Diego, \$22,950.80.
- H. H. Peterson, San Diego, \$23,756.40.
- R. E. Hazard & Son, \$24,712.50.
- B. G. Carroll, San Diego, \$24,805.50.
- J. C. Hickey, Alhambra, \$24,940.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Harvey E. Conner, 1222 Whipple Ave., Redwood City, at \$12,139.00 submitted low bid and was awarded contract by the South San Francisco City Council, Daniel McSweeney, City Clerk, for the construction of sanitary sewers in the City Park Addition in the City of South San Francisco.

Work involves:

- (1) 2,015 lf. 6-inch diameter vitrified clay pipe sanitary sewer, Portland cement joints;
- (2) 400 lf. 4-inch diameter vitrified clay pipe sanitary sewer, Portland cement joints;
- (3) 67 6-inch by 4-inch diameter vitrified clay pipe Y branches;
- (4) 10 redbrick manholes with cast iron frames and covers;
- (5) 1 redbrick manhole with frame and cover.

Total bids follow:

- (A) Harvey E. Conner, 1222 Whipple Ave., Redwood City, \$2,139.
- (B) Eaton and Smith, S. F., \$2,481.05.
- (C) Martin Murphy, Albany, \$2,420.50.
- (D) O. G. Ritchie, San Jose, \$2,597.00.
- (E) Louis Angelus, Alameda, \$2,790.60.
- (F) E. J. Treacy, S. F., \$3,059.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	.57	.65	.67	.70	.77	.92
(2)	.54	.60	.60	.55	.70	.64
(3)	1.00	.65	1.00	1.00	1.30	1.00
(4)	62.50	75.00	65.00	75.00	75.00	75.00
(5)	62.50	113.00	90.00	125.00	100.00	100.00

CONTRACT AWARDED

SAN FRANCISCO.—W. J. Tobin, 2701 Balfour Ave., Oakland, at \$2,048.70 awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, for construction of sewers in Athens St. between Peru Ave. and Madison St.

OAKLAND—DRAIN STRUCTURES—(CITY)

OAKLAND, Ala. Co., Calif.—MacDonald & Kahn Company Ltd., 200 Financial Center Bldg., San Francisco at \$38,671.50 submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for construction of drain structures in Mountain Blvd., between Golf Link Road and Oak Knoll Blvd., Oakland, Calif.

Work involves:

- (1) 909 lf. 7-inch by 6-inch concrete culvert;
- (2) 891 lf. 7-inch by 6-inch by 6-inch concrete culvert;
- (3) 1 reinforced concrete taper section, 10 feet long;

- (4) 1 reinforced concrete taper section, 5 feet long;
- (5) 1 concrete curtain wall;
- (6) 145 lf. 42-inch reinforced concrete pipe conduit;
- (7) 34 lf. 34-inch plain pipe conduit;
- (8) 68 lf. 42-inch plain pipe conduit;
- (9) 62 lf. 12-inch pipe conduit;
- (10) 3 manholes, Type B, inlet top;
- (11) 1 storm water inlet, Type B.
- (12) 2 manholes, standard top.

Total bids follow:

- (A) MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., S. F., \$38,671.50.
- (B) A. Frederick Anderson, Oakland, \$38,713.46.

- (C) W. J. Tobin, Oakland, \$40,091.00.
- (D) Lee J. Immel, Berkeley, \$43,308.50.
- (E) M. J. Lynch, San Francisco, \$47,632.50.
- (F) Manuel Smith, Oakland, \$52,446.50.
- (G) Robert B. McNair, Oakland, \$53,241.00.
- (H) B. A. Hawkins & Co., S. F., \$53,764.00.
- (I) F. C. Stolte & Co., Alameda, \$58,559.90.
- (J) C. C. W. & H. H. Haun, S. F., \$59,156.00.
- (K) P. J. Walker Co., S. F., \$98,034.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	17.50	19.50	20.25	22.00	23.50	27.00	25.00	26.00	30.00	30.00	45.00
(2)	19.50	20.32	20.50	23.00	25.00	27.50	30.00	30.00	30.70	31.00	55.00
(3)	600.00	348.00	250.00	250.00	300.00	300.00	500.00	300.00	300.00	350.00	1009.00
(4)	300.00	160.00	125.00	100.00	230.00	150.00	200.00	150.00	150.00	100.00	400.00
(5)	50.00	28.00	25.00	50.00	50.00	300.00	35.00	35.00	50.00	50.00	50.00
(6)	18.70	7.20	10.25	10.00	15.00	10.00	12.00	11.00	11.00	15.00	30.00
(7)	12.00	1.70	3.00	2.50	2.50	3.00	4.50	3.00	1.30	3.00	6.00
(8)	5.00	1.56	4.25	2.50	3.75	4.00	3.50	4.00	2.50	5.00	7.00
(9)	2.50	1.23	3.00	2.30	3.00	3.50	2.00	3.00	2.10	4.00	7.00
(10)	150.00	150.00	160.00	100.00	150.00	100.00	152.00	140.00	300.00	150.00	230.00
(11)	75.00	100.00	175.00	60.00	65.00	110.00	100.00	100.00	175.00	150.00	200.00
(12)	150.00	120.00	150.00	90.00	125.00	100.00	120.00	120.00	300.00	150.00	160.00

LOS ANGELES—HANSEN DAM—(GOV'T.)

LOS ANGELES, Cal.—Guy F. Atkinson Co., 662 Russ Building, San Francisco, at \$5,688,419.60 submitted low bid to the United States Engineer, second floor, 751 North Figueroa Street, for the construction of the Hansen Dam in the Tujunga Wash, a tributary of the Los Angeles river. Spec. 509-38-618. The site lies within the city of Los Angeles about 1.4 miles NE of San Fernando Road and about 3 miles SE of the city of San Fernando. Plans and specifications were prepared by Maj. Thea Wyman, Jr., District Engineer. The Hansen Dam will be a typical earth-fill structure, 9050 ft. in length, with a maximum height of 100 ft. The spillway capacity will be approx. 100,000 second feet and the reservoir will impound about 36,000 acre-feet at the spillway elevation. The estimated cost is \$10,500,000. Spec. and drawings may be obtained at the above address upon deposit of \$25.

The quantities and items are:

- (1) Diversion and care of water during construction, lump sum;
- (2) Removal of existing structures, lump sum;
- (3) Clearing and grubbing dam and dike sites, lump sum;
- (4) 266,000 c.y. stripping for dam and dikes;
- (5) 639,000 c.y. common excav.;
- (6) 8,600,000 c.y. excav., in borrow pit A inc. haul;
- (7) 5,620,000 cu. in pit B, inc. haul;
- (8) 95,000 c.y. rock excav., except trenches;
- (9) 4900 c.y. rock excav. in trenches 0 to 10 ft. deep, inc.;
- (10) 3000 c.y. do over 10 to 25 ft. deep, inc.;
- (11) 500 c.y. do over 25 ft. deep;
- (12) 75,000 sq. ft. rock channeling;
- (13) 1000 lf. 8-ft. dia. caissons;
- (14) 27,400 lf. steel bearing piles;
- (15) 100,000 c.y. struc. backfill, uncompacted;
- (16) 5000 c.y. struc. backfill, compacted;
- (17) 4,480,000 c.y. fill in embankment, Zones 1 and 3;
- (18) 2,500,000 c.y. do, Zone 2;
- (19) 1,938,000 c.y. do, Zone 4;
- (20) 3,420,000 c.y. do, Zone 5;
- (21) 95,000 c.y. rock fill in toe, Zone 6;
- (22) 6,500,000 squares (100 sq. ft.)

- rolling for each addl. 3 trips;
- (23) 9000 c.y. sand and gravel filters, drains and backing;
- (24) 29,000 squares rock paving;
- (25) 9000 c.y. rock fill in cutoff crib
- (26) 70,000 c.y. rock fill below cutoff crib;
- (27) 75 squares gutter paving;
- (28) 48,000 sq. ft. pneumatically placed conc. surt., 1-in. thick;
- (29) 4500 lf. 8-in. clay tile drains;
- (30) 4500 lf. 12-in. do;
- (31) 1000 lf. 24-in. vit. clay pipe drains;
- (32) 45,000 lf. drilling 3-in. holes in rock or concrete;
- (33) 43,000 cu. ft. pressure grouting;
- (34) 1250 c.y. Class A conc. in key-walls;
- (35) 500 c.y. Class A concrete in bridge superstructure;
- (36) 18,500 c.y. Class A concrete in slabs, inlet, & discharge aprons;
- (37) 32,000 c.y. Class A concrete in walls (except spillway counterforted retaining walls), in slab and buttress dam, cut-off keys and misc. work;
- (37-A) 30,000 c.y. Class concrete in counterforted spillway retaining walls;
- (38) 4,000,000 lbs. furnishing, bending and placing steel reinf. in counterforted spillway retaining walls, except inclined steel in counterforts;
- (38-B) 1,000,000 lbs. furnishing, bending and placing inclined steel reinf. in spillway retaining wall counterforts;
- (38-C) 1,100,000 lbs. furnishing, bending and placing structural steel reinf.;
- (39) 320,000 lbs. installing gates and accessories;
- (40) 350 c.y. grouting gate recesses;
- (41) installing crane in operating house, lump sum;
- (42) installing switchboard, lump sum
- (43) 5000 lbs. furnishing and installing conduit for elec. wiring;
- (44) 10,500 lbs. furnishing and installing oil pressure system;
- (45) furnishing and installing fan ventilator, lump sum;
- (46) furnishing and installing trolley and chain hoist, lump sum;
- (47) furnishing utility chain hoist, lump sum;
- (48) furnishing and installing light-

- ing and power system, lump sum furnishing and installing underground power service, lump sum
- (50) 60,000 lbs. furnishing and installing black steel pipe;
- (51) 120 lbs. furnishing and installing galv. steel pipe;
- (52) 6700 lbs. furnishing and installing misc. wrought iron pipe;
- (53) 680 lbs. furnishing and installing misc. brass and bronze;
- (54) 28,000 lbs. furnishing and installing copper water stops;
- (55) 152,000 lbs. furnishing and installing misc. struc. steel;
- (56) 28,700 lbs. furnishing and installing misc. metal work;
- (57) 1200 gals. furnishing and filling oil system;
- (58) 568 lf. furnishing and installing bridge railing;
- (59) 56 lf. furnishing and installing bridge railing;
- (60) 1870 lf. channel fencing;
- (61) 1000 c.y. house superstructure, lump sum;
- (62) vent house superstructure, lump sum.

The bid form calls for a total bid, exclusive of Item 38-C and for a total bid exclusive of Items 38-A and 38-B.

The work is to be completed within 90 calendar days, with a penalty of \$500 per day until the work is put in a safe and practical operating condition as determined by the Contracting Officer, and \$100 per day until work is completed or accepted.

Total bids follow:

- (A) Guy F. Atkinson Co., 662 Russ Bldg., San Francisco, \$5,688,419.60.
 - (B) W. E. Callahan and T. P. Shirley, Los Angeles, \$6,459,939.40.
 - (C) Morrison-Knudsen, Utah Const. and Griffith Co., Los Angeles, \$6,777,505.00.
 - (D) Guthrie - Marsch - Peterson Co., Chicago, \$6,871,938.00.
 - (E) California Constructors (Composed of Jahn & Bressi, Mittry Bros., Reginald G. Clifford and David G. Gordan), Los Angeles, \$6,912,359.00.
 - (F) George Pollock Co., Sacramento, \$6,923,700.00.
 - (G) Winnett Bros, Los Angeles, \$7,232,745.00.
 - (H) Engineer's estimate, \$8,648,103.50.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$100,000.00	\$14,000.00	\$20,000.00	\$45,000.00	\$40,000.00	\$10,000.00	\$50,000.00	\$116,410.00
(2)	25,000.00	31,500.00	8,000.00	50,000.00	14,000.00	25,000.00	75,000.00	76,540.00
(3)	20,000.00	24,600.00	10,000.00	26,000.00	50,000.00	23,653.50	18,000.00	17,700.00
(4)	.20	.20	.20	.19	.25	.20	.27	.27
(5)	.37	.23	.45	.30	.35	.48	.40	.227
(6)	.142	.20	.21	.15	.21	.19	.20	.236
(7)	.145	.20	.21	.19	.21	.19	.23	.247
(8)	.61	.81	.45	.95	1.25	2.42	1.05	1.98
(9)	3.60	5.50	4.50	3.00	3.60	4.75	2.70	5.58
(10)	6.00	6.50	7.00	7.00	7.20	7.65	4.50	6.32
(11)	8.00	7.50	10.00	15.00	12.00	10.00	9.00	7.08
(12)	.70	1.00	.55	.60	.30	.40	.85	1.06
(13)	18.00	24.00	30.00	30.00	24.00	50.00	32.00	34.00
(14)	2.40	2.30	3.30	2.80	3.30	2.50	3.30	2.77
(15)	.18	.15	.20	.20	.15	.23	.15	.095
(16)	.90	.60	.80	.75	1.75	1.00	1.80	1.18
(17)	.065	.05	.05	.0325	.072	.07	.06	.091
(18)	.065	.05	.05	.0425	.072	.07	.06	.091
(19)	.04	.05	.04	.02	.042	.044	.06	.134
(20)	.02	.005	.02	.01	.024	.035	.05	.095
(21)	1.88	2.20	1.43	5.00	1.20	1.70	1.55	2.23
(22)	.005	.01	.005	.01	.007	.007	.016	.035
(23)	2.70	1.40	1.40	2.00	2.10	1.85	1.70	2.83
(24)	16.00	23.00	26.00	30.00	24.00	20.00	31.60	33.60
(25)	.65	1.50	1.20	1.00	1.20	.65	1.90	1.50
(26)	2.25	4.00	2.50	6.00	2.70	3.00	4.65	4.83
(27)	20.00	30.00	30.00	50.00	30.00	44.00	33.00	57.50
(28)	.05	.06	.07	.05	.06	.05	.05	.05
(29)	.55	.55	.65	.40	.50	.50	.65	.47
(30)	.80	.65	.90	.60	.70	.75	.90	.67
(31)	3.00	3.00	3.30	1.75	3.00	3.10	3.75	2.90
(32)	1.10	1.30	2.20	1.20	1.50	.75	1.30	2.70
(33)	.60	.65	1.00	.75	1.00	.50	1.00	.84
(34)	9.00	9.50	7.70	12.00	7.50	12.00	10.00	8.85
(35)	30.00	33.00	27.50	35.00	42.00	29.90	35.00	61.80
(36)	8.50	5.50	6.60	9.00	6.40	8.00	6.20	5.20
(37)	12.50	8.50	9.90	15.00	12.30	14.00	11.60	13.35
(37a)	14.00	10.50	13.20	15.50	12.30	15.00	10.50	12.06
(38)	.04	.05	.05	.041	.0375	.045	.045	.046
(38a)	.04	.05	.05	.041	.04	.045	.045	.049
(38b)	.04	.05	.05	.041	.04	.045	.045	.047
(39)	.025	.02	.035	.03	.035	.0375	.03	.034
(40)	10.00	12.00	16.00	10.00	13.00	31.50	10.00	25.00
(41)	259.00	150.00	600.00	250.00	300.00	440.00	325.00	218.00
(42)	70.00	75.00	110.00	60.00	72.00	75.00	150.00	64.00
(43)	.30	.35	.43	.30	.33	.35	.25	.35
(44)	.40	.50	.50	.50	.50	.57	.46	.50
(45)	150.00	165.00	160.00	150.00	150.00	250.00	135.00	205.00
(46)	300.00	220.00	330.00	325.00	230.00	500.00	365.00	350.00
(47)	225.00	220.00	330.00	160.00	250.00	625.00	310.00	325.00
(48)	1,100.00	1,200.00	1,320.00	1,100.00	1,250.00	1,315.00	900.00	1,500.00
(49)	7,000.00	8,000.00	8,500.00	7,500.00	8,250.00	8,600.00	4,900.00	8,365.00
(50)	.12	.16	.12	.20	.13	.10	.12	.152
(51)	.15	.25	.20	.15	.24	.19	.20	.15
(52)	.20	.30	.30	.25	.36	.33	.30	.42
(53)	.80	.65	.65	1.00	.72	1.25	.70	.54
(54)	.50	.60	.65	.50	.60	.65	.55	.43
(55)	.09	.085	.10	.08	.09	.09	.08	.10
(56)	.15	.22	.15	.15	.15	.19	.13	.16
(57)	.65	.40	.55	.25	.72	1.25	.50	.33
(58)	7.50	8.00	8.00	8.00	9.00	8.80	7.50	8.70
(59)	1.60	1.65	3.00	1.50	2.50	1.60	2.00	2.00
(60)	.50	.40	.40	.50	.40	.65	.40	.77
(61)	3,500.00	4,000.00	5,000.00	3,000.00	9,000.00	1,875.00	4,500.00	5,980.00
(62)	350.00	350.00	400.00	500.00	1,200.00	625.00	450.00	685.00

RIVERSIDE COUNTY, Cal.—V. R. Dennis Const. Co., 3911 Fifth Ave., San Diego, at \$104,411.30 submitted low bid to the Coachella Valley County Water District, Coachella, Calif., for constructing approximately 30 miles of storm water channels in Riverside County, about 20 miles southeast from Indio. Two areas are involved. One extends from the south line of Riverside County to a line 4 miles north of said county line, and from U. S. Highway No. 99 to the Salton Sea. The other area extends from Bendel's Corner to a line two miles south of said corner and from Highway 99 to the Coachella Valley storm water channel. The work will involve approximately 676,900 c.y. of levee embankment and 27,220 lin. ft. of fence revetment work. Plans and specifications were prepared by E. Romberg, engineer, Coachella Valley County Water District, Coachella, Calif.

- Bids were taken on:
- (1) 676,900 c.y. levee construction;
 - (2) 17,710 l.f. single fence channel protection;
 - (3) 2,940 l.f. double fence channel;
 - (4) 6,570 l.f. rock and brush fill back of existing fences;
 - (5) (a) Reconstructing approx. 5 mi. of property line fences;
(b) Moving approx. 45 power line poles;
(c) Moving and reconstructing approx. 1300 l.f. concrete irrig. pipe line;
(d) Moving a light of the r/w a dist. of approx. 100 ft.
- NOTE: Single fence consists of 3-in. pipe, No. 10 gal. wire, boulders and 58-in. wire fencing. Double fence consists of 3-in. pipe, boulders and brush, and 58-in. wire fencing. Boulders are to be one-man size.
- Total bids follow:
- | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
|------|---------|---------|---------|--------|---------|---------|---------|
| (1) | \$.066 | \$.076 | \$.08 | \$.10 | \$.11 | \$.09 | \$.088 |
| (2) | 2.06 | 2.36 | 2.50 | 2.00 | 1.60 | 2.50 | 1.78 |
| (3) | 5.00 | 4.31 | 4.25 | 3.57 | 3.10 | 4.50 | 3.75 |
| (4) | .72 | 1.16 | .60 | .73 | .40 | .80 | 1.00 |
| (5a) | 4000.00 | 2700.00 | 2000.00 | 884.00 | 7000.00 | 2488.00 | 3125.00 |
| (5b) | | | | | | | |
| (5c) | | | | | | | |
| (5d) | | | | | | | |

- Ave, San Diego, \$104,411.30.
- (B) Triangle Rock & Gravel Co., San Bernardino, \$116,232.60.
- (C) Crove Bros. Const. Co., Los Angeles, \$116,864.00.
- (D) Roy C. Schweitzer, Los Angeles, \$119,265.90.
- (E) Geo. K. Thompson Co., La Canada, \$121,537.00.
- (F) Mitry Bros. Const. Co., Los Angeles, \$124,700.00.
- (G) Claude Fisher Co., Ltd., Los Angeles, \$125,133.50.
- (H) Guerin Brothers, San Francisco, \$134,904.40.
- (I) T. M. Page, Inc., Glendale, \$140,801.60.
- (J) Oswald Bros., Los Angeles, \$144,574.00.
- (K) United Concrete Pipe Corp., Los Angeles, \$156,911.00.
- (L) Ralph A. Bell, Monrovia, \$160,093.50.
- Unit prices follow:
- | (H) | (I) | (J) | (K) | (L) |
|---------|---------|---------|---------|--------|
| \$.124 | \$.109 | \$.13 | \$.12 | \$.14 |
| 1.78 | 2.55 | 2.20 | 2.90 | 2.25 |
| 3.75 | 4.35 | 3.30 | 4.50 | 5.57 |
| 1.00 | 1.00 | .90 | 1.20 | 1.00 |
| 1850.00 | 2500.00 | 2000.00 | 1500.00 | 825.00 |
| | | | 900.00 | 600.00 |
| | | | 500.00 | 400.00 |
| | | | 300.00 | 800.00 |

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Four State Highway Jobs
Advertised



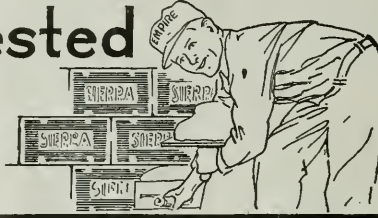
Bids September 6 on Dormitory Units



Building Permits, Advance Reports
of Building and Engineering
Projects

2
per

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in*

*San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, AUGUST 20, 1938

No. 34

MITTRY BROS. LOW BIDDERS FOR GRADING

**Mariposa Contract Attracts
Wide Range of Bids; S.F.
Firm Second**

SACRAMENTO, Aug. 17.—Mitty Bros. Construction Co., 5531 Downey road, Los Angeles, today underbid four other firms for grading and surfacing about 12.4 miles in Mariposa county, with a proposal of \$509,744.

Granfield-Farrar & Carlin of San Francisco, were second at \$538,642, with other bids scattered over a range of about \$400,000.

Johnston Rock Co., Inc., Webster avenue and E street, Stockton, submitted a low bid of \$153,854 on the other State Division of Highways project for which proposals were opened here today, involving grading and oiling about 6.3 miles and constructing a reinforced concrete bridge in Mendocino county.

Complete bids on the Mariposa county project were as follows:

Mitty Brothers	\$509,744
Granfield-Farrar & Carlin ..	538,642
United Concrete Pipe Corp.	669,827
George Pollock Co.	707,840
J. E. Haddock, Ltd.	925,719

Complete proposals for the Mendocino county grading and oiling jobs were:

Johnston Rock Company....	\$153,854
Claude C. Wood	166,184
Hemstreet & Bell	176,184
N. M. Ball Sons	178,865
Guerin Brothers	191,658

Levee Project Bids Opening September 7

Bids for raising and strengthening more than three miles of levee near Yuba City were invited this week by the U. S. Engineer Office in Sacramento. Proposals will be opened September 7.

The project is located along the west levee of the Feather River in the vicinity of Yuba City, and involves placing approximately 821,500 cubic yards of earth in embankment.

Contra Costa Underpasses, Three Grading, Surfacing Jobs Advertised; Bids Sept. 7

SACRAMENTO, August 16.—Four State Division of Highways contracts involving construction in five Northern California counties were authorized for advertising here today by the State Highway Commission.

Bids on all four jobs will be opened in Sacramento September 7, it was announced.

The projects which went out for bids today are located by counties as follows:

Contra Costa County: construction of two underpasses and paving about fifteen hundredths of a mile. One undergrade crossing will pass below the tracks of the Sacramento Northern Railway, the other under a county road. The underpasses are located at Ohmer Station. The short stretch of pavement will be Portland cement concrete.

Sonoma Surfacing

Sonoma County: grading, applying road-mix surface treatment and installing culverts on approximately eight-tenths of a mile of State highway. The work is located between Boiler Gulch and Miller Creek.

Humboldt County: grading and surfacing with road-mix surfacing on approximately four-tenths of a mile, between Benbow and one mile north of Dean Creek.

Nevada and Placer Cos.: seven separate sections of construction, covering a total of about nine-tenths of a mile, between Indian Springs and one mile east of Rainbow Tavern. Work to be done under the contract includes grading and applying road-mix surfacing to about three-tenths of a mile, and constructing channel changes and riprap work.

BUILDERS EXCHANGE NAMES NEW MEMBERS

Election of the following firms to membership recently is announced by the San Francisco Builders' Exchange; Edwin L. Ellingson, general contractor, 355 Fulton street; LaChapelle (Frank Helwig, owner) plumbing and heating, 3459 Mission street; and the J. Philip Murphy Corp., reinforcing steel erection, 3901 Mission street.

BIDS SEPT. 6 ON SAN LUIS DORMITORIES

SACRAMENTO, Aug. 16.—Bids for construction of six dormitory units at California Polytechnic School in San Luis Obispo were invited here today by State Architect George B. McDougall.

Proposals on the three contracts covering the work will be opened in Sacramento September 6, Mr. McDougall announced.

Segregated bids will be taken for:

1. General Work, combined for all six buildings.
2. Plumbing and heating work, combined for all six buildings.
3. Electrical work, combined for all six buildings.

The dormitory units will be one-story frame buildings. They will have exterior wall covering of wood siding and composition shingles for roofing. Interior walls and ceilings will be plastered. Windows and doors will be of wood.

Contractors desiring to figure the work may obtain plans and specifications from the State Architect's office upon deposit of \$25, returnable.

Mr. McDougall opened bids here today for alterations to office and committee rooms in the State Capitol building.

Low bidder for general work was H. W. Robertson, 3004 "F" street, Sacramento, with a proposal of \$5,729. Lawrence Construction Co., at \$5,966 submitted second low bid.

M. R. Carpenter, 907 Front St., Sacramento, at \$4,401, was low bidder for air conditioning. Luppen & Hawley, Inc., 3136 "J" street, Sacramento, submitted a low bid of \$1,914 for electric wiring.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1856	Gerbode	Stockholm	45000
1857	Johnson	Little	2000
1858	Lent Est.	Phoenix	3000
1859	Pasero	Owner	3000
1860	Persson	Erickson	1950
1861	Christensen	Owner	5000
1862	Christensen	Owner	4000
1863	Christensen	Owner	5000
1864	Christensen	Owner	5000
1865	Duart	Anderson	1500
1866	Duerner, Jr	Aetna	1000
1867	Lew	Barber	4000
1868	Moore	Meinberger	8000
1869	Owens	Kusich	1495
1870	Person	Owner	4000
1871	Porter	Hardy	1200
1872	S P Co	Owner	2500
1873	Womens	Johnson	4000
1874	Younger	Teep	6750
1875	Young	Teep	6750
1876	Rousseau	Owner	15000
1877	Nelson	Golden Gate	6000
1878	Watson	Dream House	4000
1879	Morris	Owner	4000
1880	Meyer	Owner	4000
1881	Meyer	Owner	4000
1882	Meyer	Owner	4000
1883	Christensen	Owner	4000
1884	Christensen	Owner	3500
1885	Christensen	Owner	3500
1886	Christensen	Owner	3500
1887	Christensen	Owner	3500
1888	Christensen	Owner	3500
1889	Moneta	Mohr	3750
1890	Manning	Owner	3500
1891	Przybowski	Mohr	3500
1892	Goldstein	Owner	3500
1893	Cantor	Mohr	3500
1894	McArthur	Mohr	3500
1895	Schmidt	Owner	3500
1896	Baldwinson	Baldwinson	3000
1897	S F Bank	Hinson	2500
1898	MacDonald	Owner	2000
1899	Ross	Sullivan	1000
1900	Keany	Sharman	8000
1901	Doelger	Owner	4000
1902	Doelger	Owner	4000
1903	Doelger	Owner	4000
1904	Doelger	Owner	4000
1905	Hyman-Michels Co.		
	Hantzche	Owner	3000
1906	Struthers	Owner	2750
1907	Kindt	Coburn	2429
1908	Omezello		
	Smith & Son	Owner	1585
1909	Marty	Owner	16450
1910-11	Doelger	Owner	4000
1912-13	Arco	Owner	4000
1914-15	Doelger	Owner	4000
1916	Arco	Owner	4000
1917-18	Doelger	Owner	4000
1919-20	Arco	Owner	4000
1921-40	Heyman	Owner	3950
1941	Standard	Owner	3500
1942	Levillain	Adams	3500
1943	Standard	Owner	3500
1944	Johnson	Standard	3500

DWELLING

(1856) SE BROADWAY and Divisadero Sts. Two-story and basement frame dwelling.

Owner—Frank Gerbode, 2633 Green.
Contractor—Charles Stockholm, Russ Building.

Architect—Wm. W. Wurster, 260 California Street. \$45,000

ALTERATIONS

(1857) 290 SEA CLIFF. Alter dwelling.

Owner—Dr. Phillips Johnson, prem.
Contractor—M. A. Little Co., 107 24th Avenue.

Architect—Masten & Hurd, 442 Post Street. \$2,000

ALTERATIONS

(1858) NE POST and Grant Avenue, Alter store.

Owner—Lent Estate (White House), 503 Market Street.
Contractor—Phoenix-Simpton Co., 520 Sixth Street.
Architect—Not Given. \$2,000

FLAT

(1859) N WILDER 75 E Carrie. One-story and basement frame flat.
Owner and Builder—Anton Pasero, 1108 Church St.
Architect—Not Given. \$3,000

ALTERATIONS

(1860) 1065 SANCHEZ ST. Alter flat.

Owner—G. Persson, Burlingame.
Contractor—Henry Erickson, 972 Chenery Street.
Architect—Not Given. \$1,950

FLATS

(1861) N JUDAH 41 E 22nd Ave. Two-story and basement frame flats.

Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$5,000

DWELLING

(1862) W 46th AVE. 275 S Geary. Owner and Builder—Herman Christensen, 1801 19th Avenue.
One-story and basement frame dwelling.
Architect—Not Given. \$4,000

FLATS

(1863) N JUDAH 68 E 22nd Ave. Two-story and basement frame flats.

Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$5,000

FLATS

(1864) NE 22nd AVE. and Judah St. Two-story and basement frame flats.

Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$5,000

ALTERATIONS

(1865) 984 FOLSOM ST. Alter offices.

Owner—Duart Mfg. Co., premises.
Contractor—A. Anderson, 230 Hazelwood.
Architect—Not Given. \$1,500

ALTERATIONS

(1866) 1730 24th AVE. Alter dwelling.

Owner—Will Duerner, Jr., premises.
Contractor—Aetna Const. Co., 1730 24th Avenue.
Architect—Not Given. \$1,000

DWELLING

(1867) E END SHEPARD Place 110 E Mason St. One-story and basement frame dwelling.

Owner—Henry Lev, 1060 Clay St.
Contractor—H. B. Barber, 225 College Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(1868) 141 KEARNY ST. Alter store.
Owner—Moore, Ltd., 141 Kearny St.
Contractor—H. S. Meinberger, 956 Folsom Street.

Architect—Bliss and Fairweather, 606 Hobart Bldg. \$8,000

ALTERATIONS

(1869) 1545 OCEAN AVENUE. Alter restaurant.

Owner—H. P. Owens, premises.
Contractor—James Kusich, 650 Brussels Street.
Architect—Not Given. \$1,490

ALTERATIONS

(1870) 3795 24th ST. Alter store and apt.

Owner and Builder—S. Person, 111 Sutter Street.
Architect—Albert W. Burgren, 111 Sutter Street. \$4,000

ALTERATIONS

(1871) 62 FIRST ST. Alter shop.
Owner—B. F. Porter Estate, 58 Sutter Street.

Contractor—A. M. Hardy, 736 Clementina Street.
Architect—Not Given. \$1,200

WAREHOUSE

(1872) W THIRD ST. 1000 S 4th St. One-story frame warehouse.

Owner and Builder—Southern Pacific Co., 65 Market Street.
Plans by J. H. Christie, 65 Market St. \$25,000

ALTERATIONS

(1873) 640 SUTTER ST. Alter club.
Owner—Women's Athletic Club, 640 Sutter Street.

Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.
Architect—Not Given. \$4,000

FLATS

(1874) S 16th ST. 30 E Prosper. Two-story frame flats.

Owner—Geo. Younger, Jr., 3366 22nd Street.
Contractor—Teep Const. Co., 300 Scott Street.

FLATS

(1875) S 16th ST. 80 E Prosper. Two-story frame flats.

Owner—Geo. Younger, Jr., 3366 22nd Street.
Contractor—Teep Const. Co., 300 Scott Street.

FLATS

(1876) SE VALLEJO and Buchanan. Three-story frame flats.

Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$15,000

FLATS

(1877) S LOWER TERRACE 229 E Roosevelt Way. Two-story frame flats.

Owner—A. E. and B. Nelson, 400 Page Street.
Contractor—Golden Gate Const. Co., 244 Kearny St.

Architect—G. A. Berger. \$8,000

DWELLING

(1878) SE 10th and Mississippi. One-story frame dwelling.

Owner—Richard Watson, 416 Kearny.
Contractor—Dream House Builders, 416 Kearny Street.
Architect—Not Given. \$4,000

DWELLING

(1879) W 51st AVE. 242 S Vicente. One-story frame dwelling.

Owner and Builder—G. W. Morris, 95 Pinehurst Ave.
Architect—D. E. Jaekle, 126 Post St. \$4,000

DWELLING

(1880) N ENCLINE COURT 73 E Del Vale Ave. One-story frame dwelling.

Owner and Builder—Meyer Brothers, 735 Portola Drive. Architect—Not Given. \$4,000	Owner and Builder—Jacob Goldstein, 1331 Fifth Avenue. Architect—Not Given. \$3,500	STORAGE (1905) N. E. JERROLD AVE. 550 N. W. Toland. One-story frame stor- age. Owner—Hyman-Michels Company, 625 Market. Contractor—G. M. Hantzche, 455 32nd Ave. Architect—Not given. \$3000
DWELLING (1881) N ENCLINE COURT 474 E Del Vale Ave. One-story frame dwelling. Owner and Builder—Meyer Brothers, 735 Portola Drive. Architect—Not Given. \$4,000	DWELLING (1893) E 45th AVE. 270 S Pine St. One-story frame dwelling. Owner—E. G. and E. A. Cantor, c/o Contractor.	DWELLING (1906) N. E. TOPEKA AVE. 190.5 S. W. Silver Ave. One-story frame dwelling. Owner—Marshall F. Struthers, 4250 Mission. Architect—Not given. \$2750
DWELLING (1882) N ENCLINE COURT 22 E Del Vale Ave. One-story frame dwelling. Owner and Builder—Meyer Brothers, 735 Portola Drive. Architect—Not Given. \$4,000	DWELLING (1894) E THORNTON 25 W Water- ville. One-story frame dwelling. Owner—S. O. McArthur, 449 Guard. Contractor—Rudolph Mohr & Sons, 4482 Mission Street. Architect—Not Given. \$3,500	ALTERATIONS (1907) 3406 CLAY ST. Alter dwelling. Owner—Mr. Kindt, 2048 Market. Contractor—Ira W. Coburn, 2049 Mar- ket St. Architect—Not given. \$2429
DWELLING (1883) SE 48th AVENUE and Geary. One-story frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$4,000	DWELLING (1895) E 36th AVE. 250 S Judah St. One-story frame dwelling. Owner and Builder—Max Schmidt, 569 Darien Way. Architect—Not Given. \$3,500	STORE (1908) S. BAY 45 E. Mason. One- story frame store. Owner—John P. Omizzolo, 289 Bryant. Contractor—M. Smith & Son, 3723A 17th St. Architect—Not given. \$1585
DWELLING (1884) E 48th AVENUE 75 S Geary. One-story frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,900	DWELLING (1896) S LOWER TERR. 150 East Roosevelt Way. One-story frame dwelling. Owner—S. I. Baldwinson, 2246 35th Avenue. Contractor—I. Baldwinson, premises. Architect—C. O. Clausen. \$3,000	APARTMENT & STORE (1909) E VALENCIA 210 N 20th St. Two-story apts. and store. Owner—Paul Marty, 849 Valencia. Contractor—Thomas M. Connick, 73 Hill Street. Architect—Not Given. \$16,450
DWELLING (1885) S GEARY 95 E 48th Avenue. One-story frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	ALTERATIONS (1897) 558 CALIFORNIA ST. Alter office. Owner—San Francisco Bank 520 Cal- ifornia Street. Contractor—L. A. Hinson, 756 Fourth Avenue. Architect—W. D. Peugh, 333 Mont- gomery St. \$2,800	DWELLING (1910) E 41st AVE. 400 S Kirkham. One-story frame dwelling. Owner and Builder—H. Doelger, 320 Judah Street. Architect—Not Given. \$4,000
DWELLING (1886) 70 EAST 48th AVENUE. One-story frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	ALTERATIONS (1898) 416 COLLINGWOOD. Alter flats. Owner—C. P. MacDonald, 420 Col- lingwood. Contractor—G. M. Moore, 2117 Leav- enworth St. Architect—Not Given. \$2,000	DWELLING (1911) E 41st AVE. 325 S Kirkham. One-story frame dwelling. Owner and Builder—H. Doelger, 320 Judah Street. Architect—Not Given. \$4,000
DWELLING (1887) E 48th AVENUE 50 S Geary. One-story frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	ALTERATIONS (1899) E 45th AVE. S Lawton St. Alter dwelling. Owner—D. W. Ross, 1440 15th Ave. Contractor—D. J. and T. Sullivan, Inc., 1942 Polson St. Architect—Not Given. \$1,000	DWELLING (1912) E 19th AVE. 200 S Vicente. Owner and Builder—Arco Bldg. Co., 5401 Mission Street. Architect—Not Given. \$4,000
DWELLING (1888) E 48th AVENUE 25 S Geary. One-story frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—C. O. Clausen, 746 46th Avenue. \$3,500	FLATS (1900) N. GREENWICH, 266 W. Scott. Two-story frame flats. Owner—P. Keany, c/o 3700 Broderick, (contractor). Contractor—Thos. R. Sharman, 3700 Broderick. Architect—Not given. \$8000	DWELLING (1913) E 19th AVE. 250 S Vicente. One-story frame dwelling. Owner and Builder—Arco Bldg. Co., 5401 Mission Street. Architect—Not Given. \$4,000
DWELLING (1889) NE MONETA WAY and Mil- lan Terrace. One-story frame dwelling. Owner—Moneta Inv. Co., 4482 Mis- sion Street. Contractor—Rudolph Mohr & Sons, 4482 Mission Street. Architect—Not Given. \$3,750	DWELLING (1901) E. 46th AVE. 250 S. Kirk- ham. One-story frame dwelling. Owner—Henry Doelger Bldg. Inc., 320 Judah. Architect—Not given. \$4000	DWELLING (1914) E 41st AVE. 300 S Kirkham. One-story frame dwelling. Owner and Builder—H. Doelger, 320 Judah Street. Architect—Not Given. \$4,000
DWELLING (1890) N INNES AVS. 225 W Fitch. Two-story frame store and well- ing. Owner and Builder—Thos. J. Manning 820 Innes Avenue. Architect—Not Given. \$3,500	DWELLING (1902) E. 46th AVE. 225 S. Kirk- ham. One-story frame dwelling. Owner—Henry Doelger Bldg. Co., Inc., 320 Judah St. Architect—Not given. \$4000	DWELLING (1915) E 41st AVE. 375 S Kirkham. One-story frame dwelling. Owner and Builder—H. Doelger, 320 Judah Street. Architect—Not Given. \$4,000
(1891) NE COLONIAL WAY 80 NW San Jose. One-story frame dwell- ing. Owner—Leo and W. Przyborowski, c/o contractor. Contractor—Rudolph Mohr & Sons, 4482 Mission Street. Architect—Not Given. \$3,500	DWELLING (1903) E. 46th AVE. 275 S. Kirk- ham. One-story frame dwelling. Owner—Henry Doelger Bldg. Inc., 320 Judah St. Architect—Not given. \$4000	DWELLING (1917) E 41st AVE. 350 S Kirkham. One-story frame dwelling. Owner and Builder—H. Doelger, 320 Judah Street. Architect—Not Given. \$4,000
DWELLING (1892) E 36th AVE. 275 S Judah St. One-story frame dwelling. \$4000	DWELLING (1904) E. 46th AVE. 200 S. Kirk- ham. One-story frame dwelling. Owner—Henry Doelger Bldg. Co. Inc., 320 Judah St. Architect—Not given. \$4000	DWELLING (1918) E 41st AVE. 275 S Kirkham. One-story frame dwelling.

Owner and Builder—H. Doelger, 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(1919) E 19th AVE. 150 S Vicente.
One-story frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLING
(1920) E 19th AVE. 225 S Vicente.
One-story frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLINGS
(1921-40) N SWEENEY 334, 360, 103, -81, 259, 230, 51, 129, 207, 126, 187, 256, 25, 77, 155, 233, 152, 204, 282, 308 E Bowdoin. Nineteen 2-story frame dwellings.
Owner and Builders—Heyman Bros., 742 Market Street.
Architect—Not Given. \$3950 each.

DWELLING
(1941) E 35th AVE. 175 N Kirckham.
One-story frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. \$3,500

ALTERATIONS
(1942) 850 DOLORES ST. Alter dwelling.
Owner—E. L. Levillain, 850 Dolores.
Contractor—Ernest T. Adams, 2546 27th Avenue.
Architect—H. G. Stoner. \$3,500

DWELLING
(1943) E 35th AVE. 200 N Kirckham.
One-story frame dwelling.
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. \$3,500

DWELLING
(1944) E 18th AVE. 210 N Judah St.
One-story frame dwelling.
Owner—C. M. Johnson, 1500 Judah.
Contractor—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. \$3,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2069	Kellogg	Owner	3500
2070	Faroni	Altermatt	3500
2071	Carroll	McCarthy	4500
2072	Clume	Vaughn	5475
2073	Powers	Minney	3900
2074	Calif. Ink	Leter	5500
2075	Carpenter	Scott	3300
2076	Beckett	Owner	4000
2077	Busche	Page	11000
2078	Collins	Pereira	3500
2079	Dowling	Owner	5000
2080	Thomas	Thomas	3400
2081	Zieboltz	Wheeler	2500
2082	Starr	Conner	17000
2083	East Bay Mun	Owner	4144
2084	Bennett	Chinnock	1375
2085	Burkett	Allen	6500
2086	Hubbard	Owner	4500
2087	Zettel	Owner	4500
2088	Stanford Uni.	Christensen	2000
2089	Van Lohen Sels	Barlett & Sorenson	120000
2090	Herold	Billett	5000
2091	Milton	McLeod	5000
2092	Wingate	Walker	4000
2093	Atkins	Krattenmaker	3650
2094	Hazel Atlas	Larsen	10000
2095	Whalen	Owner	7000
2096	McChesney	Owner	6000
2097	Anderson	Anderson	6000
2098	Del Carlo	Peterson	5200
2099	Keyston	Lynn	5000
2100	Jacoby	Tater	5000
2101	Ferguson	Joseph	4850
2102	Paterson	Jordan	4500
2103	Trimlett	Owner	4000

2104 Bernard Owner 2800
2105 Emly MacGregor 2200

DWELLING
(2069) 2437 WEBSTER ST., BERKELEY. One-story 5-rm. frame dwelling.

Owner and Builder—A. B. Kellogg, 2233 Blake St.
Architect—Not Given. \$3,500

DWELLING
(2070) 575 VICENTE, BERKELEY. One-story 5-rm. frame dwelling and garage.

Owner—Clelia Paroni, Berkeley.
Contractor—J. F. Altermatt, 239 Taurus, Oakland.
Architect—Not Given. \$3,500

DWELLING
(2071) 2637 E 27th ST., OAKLAND. One-story 5-rm. dwelling.

Owner—W. W. Carroll, 2647 Fruitvale Ave., Oakland.
Contractor—Daniel McCarthy, 2647 Ave., Oakland.
Architect—Not Given. \$4,500

DWELLING
(2072) 1908 OAKCREST DR., OAKLAND. Two-story 6-rm. dwelling.

Owner—M. A. Clume, Alameda.
Contractor—Wiley T. Vaughn, 103 Bayo Vista.
Architect—John Huhspeth, Berkeley. Garage, \$600. \$5400

DWELLING
(2073) 7521 CIRCLE HILL DRIVE, OAKLAND. One-story five-rm. dwelling.

Owner—Geo. H. and Laura Powers, 8144 Foothill Blvd.
Contractor—Ernest L. Minney, 8144 Foothill Blvd.
Architect—Not Given. \$3,900
Garage, \$200.

ADDITION
(2074) 711 CAMELIA, Berkeley. Addition.
Owner—Calif. Ink Co., 4th and Camelia
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.
Architect—Not given. \$5500

DWELLING
(2075) 1051 CORNELL, BERLELEY. One-story 5-room frame dwelling.

Owner—B. A. Carpenter.
Contractor—W. T. Scott, 2329 10th Ave., Oakland.
Architect—Not given. \$3300

DWELLING
(2076) 6016 BUENA VENTURA, OAKLAND. One-story 6 room dwelling.

Owner—A. T. Beckett, 224 Scenic Ave.
Architect—Not given. \$4000

DWELLING
(2077) 561 BODEN DAY, OAKLAND. One-story 8 room dwelling.

Owner—F. C. Busche, 539 Merritt Ave.
Contractor—Harold L. Page, 5651 Oak Grove.
Plans by—F. Eugene Barton, Crocker Bldg., S. F. \$11,000

DWELLING
(2078) 5459 HOLLAND ST., OAKLAND. One-story 5 room dwelling.

Owner—J. I. Collins, 1439 55th St.
Contractor—A. V. Pereira, 3301 Columbian Drive.
Plans by—H. A. Lincoln, Auburn, Calif. \$3500
Garage, \$300.

DWELLING
(2079) 4601 KAPHAN AVE., OAKLAND. One-story 5 room dwelling.

Owner—S. J. Dowling, 2800 Clay Ave., Alameda.
Architect—Not given. \$5000

DWELLING
(2080) 2488 KAUMAN AVE., OAKLAND. One-story 5 room dwelling.

Owner—Dollie G. Thomas, 6740 Mokelumne Ave.
Contractor—W. N. Thomas, 6740 Mokelumne Ave.
Plans by—A. Denke, Broadway Bldg. \$3400

ADDITION
(2081) 3215 17 FOOTHILL BLVD., OAKLAND. Addition.
Owner—Mr. Ziebolt, 2550 Castello St.
Contractor—W. J. Wheeler, 4001 Elston Ave.

DWELLING
(2082) 329 HAMPTON RD., PIEDMONT. Two-story 10-rm. dwelling and garage.

Owner—Mr. and Mrs. Allen Starr, 60 Crest Road, Piedmont.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley.
Architect—Julia Morgan, Merchants' Exchange Bldg., S. F. \$17,000

STORAGE BLDG.
(2083) 777 BLAIR AVENUE, PIEDMONT. Storage building.

Owner and Builder—East Bay Municipal Utility Dist., 512 16th St., Oakland.
Architect—Not Given. \$4,144

ALTERATIONS
(2084) 237 EL CERRITO AVENUE, PIEDMONT. Alterations.

Owner—Mrs. Sylvia Bennett, 237 El Cerrito Avenue.
Contractor—E. H. Chinnock, 3844 Brighton Ave., Oakland.
Plans by Wm. Milwain. \$1,375

DWELLING
(2085) 41 SELKIRK ST., OAKLAND. One-story, 5 room dwelling.

Owner—W. L. Burkett, 2447 Montana Street.
Contractor—Allen & Allen, 3471 Laurel Ave.
Architect—F. H. Slocumbe, 131 Mantecosta. \$6500

DWELLING
(2086) 837 MT. BLVD., OAKLAND. One-story 5 room dwelling.

Owner—J. F. Hubbard, 837 Mt. Blvd.
Contractor—J. F. Hubbard, 5412 Proctor.
Architect—Not given. \$4500

DWELLING
(2087) 1738 90th AVE., OAKLAND. One-story 6 room dwelling.

Owner—Peter Zettel, 7536 Outlook Ave.
Garage, \$400.
Architect—Not given. \$4500

ALTERATIONS
(2088) 1120 WASHINGTON STREET, OAKLAND. Alterations.

Owner—Stanford University and Firemen's Fund Inc. Co.
Contractor—W. J. Christensen & W. E. Lyons Constr. Co., 1955 Webster Street.
Architect—Not given. \$2,000

WAREHOUSE
(2089) 2121 PERALTA ST., OAKLAND. One-story brick warehouse.

Owner—M. C. C. Van Lohen Sels, Courtland, Calif.
Contractor—John M. Bartlett & Wal-

ter Sorensen, 1706 Parker St.
Architect—Not given. \$120,000

ALTERATIONS
(2090) 4188 to 98 PIEDMONT AVE., OAKLAND. Alterations.
Owner—E. L. Herold, 4196 Piedmont Ave.
Contractor—W. W. Elliot, 9890 Thermal St.
Architect—John Carson, 50 Yosemite Ave. \$5000

DWELLING
(2091) 5612 FLORENCE AVE., OAKLAND. One-story, 5-room dwelling.
Owner—E. B. Milton, 3073 Mountain Blvd.
Contractor—W. A. McLeod, 2430 Durant Ave.
Architect—Not given. \$5000

DWELLING
(2092) 1125 WALNUT, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—D. P. Wingate, 1025 Mariposa.
Contractor—J. M. Walker, 401 Spruce.
Architect—Not given. \$4000

DWELLING
(2093) 9700 WALNUT ST., OAKLAND. One-story, 6-room dwelling.
Owner—Geo. Atkins, 9700 Walnut St.
Contractor—C. J. Krattenmaker, 5322 James Ave.
One-story garage, \$120.
Architect—Not given. \$3650

WAREHOUSE
(2094) 8717 G ST., OAKLAND. One-story steel warehouse.
Owner—Hazel Atlas Glass Co., 8717 G St., Oakland.
Contractor—Larsen and Larsen, 629 Bryant Street.
Architect—Not Given. \$10,000

DWELLING
(2095) 440 FLORENCE AVE., OAKLAND. Two-story 6-room dwelling.
Owner and Builder—Walen & Huffschildt, 359 17th Street.
Architect—Not Given. \$7,000

FLATS
(2096) 3845-47 ARDLEY AVE., OAKLAND. Two-story 10-rm. flats.
Owner and Builder—R. M. McChesney, 1315 San Luis Ave.
Architect—Not Given. \$6000

DWELLING
(2097) 3048-50 CHAMPION Street, OAKLAND. One-story 8-rm. 2-family dwelling.
Owner—A. L. Anderson, 2944 Eastman Avenue.
Contractor—F. J. Anderson, 2732 Garden Street.
Architect—Not Given. \$6,000

DWELLING
(2098) 6521 LONGWALK DR., OAKLAND. One-story 5-rm. dwelling.
Owner—D. M. Del Carlo.
Contractor—O. Petersen, 3626 Rhoda.
Architect—Miller & Warnecke, Financial Center Bldg. \$5,290
Also 1-story garage, \$200.

DWELLING
(2099) 2976 JOAQUIN MILLER RD., One-story 4-rm. dwelling.
Owner—Robert C. Keyston.
Contractor—Willis F. Lynn, 1037 Ashmount Ave.
Architect—Noble and Archie Newsum, Russ Bldg., San Francisco.

DWELLING
(2100) 940 MOUNTAIN BLVD., OAKLAND. One-story 5-rm. dwelling.
Owner—J. G. Jacoby, 507 Forest St.

Contractor—F. G. Tater, 5237 Miles.
Architect—Not Given. \$5,600

DWELLING
(2101) 300 E of SOUTH END AND Alhambra Ave., OAKLAND. Two-story 5-rm. dwelling.
Owner—Geo. B. Ferguson, 67½ Woman Lane.
Contractor—C. E. Joseph, 2604 Humholdt Ave.
Architect—J. H. Deritt, 1203 Kohl Bldg., San Francisco. \$4,850

DWELLING
(2102) 1120 WALNUT ST., BERKELEY. One-story 5-room. frame dwelling and garage.
Owner—M. J. Paterson, 1514 Parker.
Contractor—M. Jordan, 979 Mountain Blvd.
Architect—Not Given. \$4,500

DWELLING
(2103) 3600 LUNDHOLM AVENUE, OAKLAND. One-story five-room dwelling.
Owner and Builder—Robt. Trimlett, 924 Santa Clara Ave., Alameda.
Architect—Not Given. \$4,000

DWELLING
(2104) 2327 57th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—R. B. Bernard, 725 Warfield Ave.
Architect—R. Hutchison, 3433 Andover Street.
Also 1-story garage, \$150.

DWELLING
(2105) 1012 MASONIC, ALBANY. One-story 4-rm. frame dwelling.
Owner—Dorothy M. Emlay, 1391 Solano Ave.
Contractor—C. M. MacGregor, 1391 Solano Avenue.
Architect—Not Given. \$2,200

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
215	Demarest	Armstrong	8564

RESIDENCE.
(215) LOT 22, BLK 3, Thousand Oaks, Berkeley. Residence.
Owner—Mrs. Lillian Demarest, 1871 Yosemite Rd., Berkeley.
Architect—C. J. Ryland, 136 Bonafacio Pl., Monterey, Calif.
Contractor—J. R. Armstrong 834 E. 10th St., Oakland.

Filed Aug. 15, '38. Dated June 24, '38.
5th day each month.....75%
Usual 35 days.....25%
TOTAL \$8564.00

Bond \$8564. Sureties, Fidelity & Cas. Co., N. Y. Limit, 90 days. Plans and specifications filed.

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
35	Gerbode	Stockholm	60320
353	Bank America	Cory	1640
354	Marty	McCormick	16450

DWELLING
(352) SE BROADWAY and Divisadero. Two-story and basement frame dwelling.
Owner—Frank L. A. and Martha Gerbode.
Architect—W. W. Wurster, 260 California Street.
Contractor—Chas. Stockholm & Sons. Filed, Aug. 15, '38. Dated, Aug. 11, '38. 10th of each month all costs to date Contractor's commission on comp. TOTAL COST not to exceed \$50,230 inc. contractor's fee of 7%. Limit, 150 working days. Plans and specifications filed.

VENTILATING
(353) SE CALIFORNIA and Montgomery Sts. Ventilating work for bank building.
Owner—Bank of America N. T. & S. A.
Plans by Capital Co., 625 Market St.
Contractor—Cory & Joslin.
Filed, Aug. 16, '38. Dated, Aug. 10, '38
1st and 15th monthly.....75%
Usual 35 days.....25%

TOTAL COST, \$1,640.00
Bond, \$1640. Sureties, Hartford Accident and Indemnity Co. Forfeit, \$20 per day. Limit, Sept. 14. Plans and specifications filed.

APARTMENTS
(354) E. VALENCIA 210 N. 20th St. Two-story and basement frame apt.
Owner—Paul & Germaine Marty.
Contractor—Thomas McCormick.
Filed Aug. 17, '38. Date Aug. 16, '38.
When frame is up.....\$4,112.50
When plumbing and heating roughed in and first coat plaster on.....\$4,112.50
When completed.....\$4,112.50
Usual 35 days.....\$4,112.50
TOTAL \$16,450.00
Bond, \$8,225. Sureties, Frank G. Norman & H. S. Thomson. Forfeit, \$1 per day. Limit, 120 working days. Plans and specifications filed.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER flats, \$500; 1148 Filbert; owner, Mr. Ferro, prem.; contractor, G. B. De Lucchi, 4 Sharp Place.
ALTER dwelling, \$450; 4427 18th St.; owner, A. V. Marucci, 4801 18th St.; contractor, Victor E. Ratio, 4505 18th Ave.

SIGN, electric, \$275; 731 Columbus Ave.; owner, Happys, prem.; contractor, Brumfield, 965 Folsom.

ALTER warehouse, \$250; N. W. Broadway and Davis; owner, Ines Fredericks, 275 Euclid, Oakland.

ALTER dwelling, \$250; 1227-1229 4th Ave.; owner, J. T. Donovan, 1477 6th Ave.

ALTER store, \$200; 929 Market St.; owner, National Dollar Stores, prem.; architect, E. J. Joseph, 74 New Montgomery.

ALTER dwelling, \$200; 64 Ord Court; owner, A. Poia, 64 Ord Court.

SIGN, electric, \$200; 2249 Irving; owner, Irving Radio, prem.; contractor, Brumfield, 965 Folsom.

ALTER dwelling, \$75; 846 45th Ave.; owner, Annie Moore, prem.

SIGN, electric, \$65; S. W. Powell and Geary; owner, Golden Pheasant, prem.; contractor, Electrical Products, 910 Harrison.

ALTER dwelling, \$25; 1034 Oak St.; owner, B. F. Blakeley, prem.

SIGN, electric, \$25; S. W. Larkin and Eddy; owner, Texas Co., Hearst Bldg.; contractor, Aetna Elec. Sign Co., 1435 Eddy St.

BILLBOARD, \$7; S. W. Geary and Cook; owner and builder, Foster & Kleiser, 1675 Eddy St.

ALTER dwelling, \$900; 3281 Jackson; owner, Alvin Gerlack, 845 Mills Bldg.

ALTER dwelling, \$900; 674 40th Ave.; owner, Wm. C. Gordon, c/o contractor, L. Salomon, 1734 Broderick.

ALTER dwelling, \$800; E. 24th Ave., 75 N. Kirkham; owner, E. Dal Don, 2415 Funston Ave.; contractor, Hanson Bros., 5840 Mission.

ALTER dwelling, \$614; 1499 Thomas; owner, Giacomo Lercari, prem.; contractor, T. Starelli.

FLUES (2), \$15; 618 Andover Street; owner, William Gallo, prem.; contractor, P. L. Perini, 325 Wayland St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Firs Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Contract Awarded
ALTERATIONS Cost, \$7,000
STOCKTON, San Joaquin Co., Calif.
905-11 N. Commerce Street.
Alterations to apartment building.
Owner—Pat O'Higgins, 17 E. Oak St., Stockton.
Architect—Not Given.
Contractor—T. E. Williamson, P. O. Box 93, Stockton. 1

4—FACTORIES & WAREHOUSES

CONTRACT AWARDED
BURBANK, Los Angeles Co., Cal.
—Alco Const. Co., 107 N. Larchmont Blvd., Los Angeles, awarded contract for construction of a new factory building at Victory Place and Empire Ave., Burbank, for the Lockheed Aircraft Corp. All work is included in the general contract except the structural steel which, will be fabricated and erected by Consolidated Steel Corp. The building will have a floor area of 42,000 sq. ft. and will have corrugated iron sides, wood roof construction, composition roofing, concrete foundations, concrete floors, metal skylights, sprinkler systems. John and Donald B. Parkinson, architects, 434 Title Insurance Bldg., Los Angeles. 4

Sub-Contracts Awarded
BOTTLING PLANT Cost \$.....
SAN FRANCISCO, Bayshore Highway.
One and part two-story frame, Class C bottling plant to contain approx. 25,000 sq. ft. area.
Owner—Seven-Up Bottling Co., 1348 Stevenson Street.
Architect—Albert R. Williams, 251 Post Street.
Contractor—W. C. Tait, 883 Market Street.
Roofing—Malott & Peterson, 2412 Harrison Street.
Plumbing—Ahlbach & Mayer, 85 Dorland Street.
Sheet Metal—General Sheet Metal Works, 1529 Pine St.
Iron Grille Work—National Ornamental Iron & Bronze Co., Inc., 70 Chesley St.
Brick and Stone Work—Harry E. Drake, 666 Mission Street.
Lumber & Mill Work—West Coast Lumber Co., 748 Brannan St.
Painting—A. E. Gordon Painting Co., 141 Morris Street.
Lathing & Plastering—Peter Bradley, 639 Brannan Street.
Concrete—John Cassaretto Co., 6th and Channel Sts.
All of San Francisco. 4

Plans Being Figured
INDUSTRIAL PLANT Cost \$200,000
SAN FRANCISCO, Mariposa & Arkansas Sts.

Three-story reinforced concrete, flat slab, industrial plant. (100x200').
Owner—Dwight Edwards Company, Consulting Structural Engr.—Jesse Rosenwald, 525 Market St.

Bids are being received from a closed, selected list of contractors.

5—FLATS

Construction Underway
FLATS Cost, \$.....
SAN FRANCISCO, S. Cabrillo St., E. of 30th Ave.
Two-story frame flats to contain 3 bedrooms each; composition shingle roof, tile baths, hot water heating system, etc.
Owner—H. Turrlin.
Architect—H. C. Baumann, 251 Kearny St.
Contractor—Peter E. Vukleevich, 1442 Taraval St., S. F.

6—GARAGES & SERVICE STATIONS

Contract Awarded
GARAGE Cont. Price \$12,842.75
BERKELEY, Ala. Co., Calif.
One-story reinforced concrete garage building.
Owner—Berkeley Elks Hall Association.
Lessee—United States Post Office.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—Frank A. Stead, 3206 Bolise St., Berkeley.

Bids In
GARAGE Cost, \$150,000
LOS ANGELES, Calif. W. Grand Ave. betw. 5th and 6th Sts.
Six-story and basement Class A reinforced concrete garage (60x165).
Owner—Louis R. Lurie, 333 Montgomery St., S. F.
Architect—W. D. Feugh, 333 Montgomery St., S. F.
Announcement shortly.
(352) 1st rep. Aug. 4, 1938. * 6

7—FEDERAL BUILDINGS

BIDS WANTED
MARTINEZ, Contra Costa Co., Cal.
—Bids are now being received by the Custodian of the Building for repairs to boiler and oil burner at the U. S. P. O., at Martinez. * 7

BIDS WANTED
RENO, Nevada.—Until August 31, 2 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, for lathing and plastering at Veterans Administration Facility, Reno, Nevada, Treatment Building, No. 1.
Work will include metal lath, plaster, cement plaster, metal furring, metal corner heads, etc. All work included in one item.

Plans and specifications may be obtained from the Veterans Administration Facility, Palo Alto. No deposit required.

LOW BIDDERS
FORT LEWIS, Wash.—Macdonald Building Company, 1517 S. Tacoma Way, Tacoma, at \$50,650 submitted low bid to the Constructing Quartermaster, Capt. E. P. Antonovich, Fort

Lewis, Washington, for 30 double and eight single Non-Commissioned Officers' Quarters at Fort Lewis.

Second and third low bid submitted by H. R. Olsen, Tacoma, at \$705,064 and Standard Construction Co., Tacoma at \$712,679.

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 25, 11 A. M., bids will be received by the Public Works Office, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Officers' Mess at the Naval Operating Base (Marine Corps Base), San Diego. Spec. No. 8916. Est. cost, \$500.00.

As previously reported, the work consists of furnishing all materials and labor for installation of approximately 680 sq. ft. of terrazzo floor and 70 lin. ft. of terrazzo base.

Plans and specifications may be obtained from above office upon deposit of \$10.00. 7

BIDS OPENED

FORT LEWIS, Wash.—Macdonald Building Co., 1517 S. Tacoma Way, Tacoma, at \$191,430 submitted low bid for 10 double NCO quarters at Meachord Field, Pierce Co., Wash.

Complete bids were:
Macdonald Bldg. Co., Tacoma \$191,430
M. H. Marker, Tacoma..... 198,289
Mowat Const. Co., Seattle..... 199,000
Dolph Jones, Tacoma..... 205,000
H. R. Olsen, Tacoma..... 205,120
Western Const. Co., Seattle..... 206,920
West Coast Const. Co., Seattle 234,910
A. S. Hansen Co., Seattle..... 212,390

CONTRACTS AWARDED

YERBA BUENA ISLAND.—Clifton C. Newman, 702 Brannan St., S. F., at \$33,855 (storehouse) and K. E. Parker Co., 135 South Park, San Francisco, at \$9,500 (carpenter shop), awarded contracts by the Department of Commerce, Lighthouse Service, Office of Supt. of Lighthouses, 425 Custom House, San Francisco, for constructing a three-story reinforced concrete storehouse and a one-story steel frame tile vaulted carpenter shop at Yerba Buena Lighthouse Depot, Yerba Buena Island, Proposal No. P-15. M. E. McGowan Inc., 74 New Montgomery St., S. F., awarded sub-contract by Clifton C. Newman for pile driving.

BIDS OPENED

HAMMOND, Ore.—George H. Buckler, Lewis Bldg., Portland, at \$44,000 submitted low bid to Treasury Dept., U. S. Coast and Geodetic Survey, D. C., for station and residence at Point Adams Coast Guard Station.

Complete bids were:
George H. Buckler, Portland, \$44,000.
Pioneer Const. Co., Seattle, \$45,300.
Teller Const. Co., Portland, \$46,735.
George F. Anderson, Astoria, \$50,200.
F. J. Maurer & Sons, Eureka, Calif., \$55,500. 7

OPENING DATE POSTPONED

SAN FRANCISCO.—Until Aug. 31, 10 A. M. (postponed from Aug. 16), bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for interior and exterior painting and repairs at the U. S. Custom House, San Francisco. Specifications may be obtained at the above office and at the office of the custodian of the building at San Francisco.

OPENING DATE POSTPONED

MARCH FIELD, Riverside Co., Cal.—Until August 22, 1 P. M. (postponed from August 15), bids will be received by the Constructing Quartermaster, March Field, Riverside, for the construction of the superstructure of a barracks building for 330 men at March Field. Plans and specifications may be obtained from the above address upon deposit of \$15.00.

LOW BIDDERS

FORT LEWIS, Wash.—Sound Construction and Engineering Co., Northern Life Tower, Seattle, submitted following low bid to the Constructing Quartermaster, Fort Lewis, for the construction of AC hangars at McChord Field, Pierce County: Hangars 1 and 2, \$405,284; hangars 3 and 4, \$400,624; add for alt. on doors, \$250 for 1 and 2, same for 3 and 4. Deduct \$7500 if awarded hangars 1 and 2, deduct \$7500 if awarded hangars 3 and 4.

Second low bid submitted by L. H. Hoffman Construction Co., 715 S. W. Columbia, Portland (figures same order as above) \$410,922, \$420,945, \$250, \$250, \$9200 for 1 and 2, \$9184 for 3 and 4.

CONTRACT AWARDED

SAN DIEGO, Cal.—The Southwest Welding & Mfg. Co., Inc., 3201 W. Mission Road, Alhambra, at \$227,000 awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8805, for construction of 25 fleet moorings at the Naval Operating Base, San Diego.

CONTRACT AWARDED

YERBA BUENA SHOALS, Calif.—Barrett & Hilp, 918 Morrison St., San Francisco, at \$5,742 submitted low bid and was awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., S. F., for the interior construction work in a building for The United States Golden Gate International Exposition Commission.

Only other bid submitted by Geo. A. Fuller Co., Los Angeles, at \$7,910.

BIDS WANTED

MESA, Ariz.—Bids are being received by the Custodian, Mesa Post Office, for evaporative cooling equipment for the U. S. Post Office, Mesa, Arizona.

Specifications may be obtained from above office.

BIDS WANTED

TERMINAL ISLAND, Los Angeles Calif.—Until August 25, 11 A. M. bids will be received by the Superintendent of Lighthouses, Department of Commerce, 18th District, Custom House, San Francisco, for constructing a one-story frame and stucco boathouse and storeroom at the Los Angeles Harbor Light Station, Terminal Island, Calif.

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 25, 11 A. M., bids will be received by the Public Works Office, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Officers' Mess at the Naval Operating Base (Marine Corps Base), San Diego. Spec. No. 8916.

Work consists of furnishing all materials and labor for installation of approximately 650 square feet of terrazzo floor and 70 linear feet of terrazzo base.

Plans and specifications may be obtained from above office upon deposit of \$10.00.

BIDS WANTED

SANTA BARBARA, Calif.—Until August 31, 10 A. M., bids will be received by Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., at the post office, Santa Barbara. Specifications may be obtained from above office.

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 23, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for driving foundation piles for Barracks buildings and for addition to Storehouse at the Naval Operating Base (Marine Corps Base and Naval Supply Depot), San Diego.

The work consists of the furnishing of necessary equipment and labor for the driving of (a) reinforced concrete piles for the foundations of the barracks buildings, and (b) wood piles for an extension to an existing storehouse. Concrete piles and wood piles will be furnished at the building sites by the Government.

Specifications may be obtained from above office upon deposit of \$10.00.

BIDS WANTED

PARKER, Ariz.—Until Aug. 29, 10 A. M., bids will be received by U. S. Indian Irrigation Service, Colorado River project office, 8th and Figueroa Bldg., Los Angeles, for construction of headquarters buildings for the Colorado River project at Parker, Ariz. Buildings will be one-story, wood frame and stucco construction, wood shingle roof (except garages and cooling tower, which will have composition shingle roof), cement floors and complete air conditioning equipment. The buildings consist of office building, 40x60 ft.; mess hall, 40x30 ft.; dormitory, L-shaped, 70x90x31 ft.; two 5-rm. dwellings, 35x38 ft.; two 5-rm. duplexes, 35x78 ft.; two 4-rm. duplexes, 62x39 ft.; two 2-rm. duplexes, 32x32 ft.; 3 ft.; 7-stall garages, 21x70 ft.; one forced draft cooling tower, 10x10 ft. Contractor will furnish all equipment, materials, supplies and labor for all utilities, electric, gas, cooling water, sewage and domestic water 5 ft. outside of foundation. Plans and specifications will be available from the above office after August 5 upon deposit of \$10, not returnable. Bid bond 5%, performance and payment bonds 50% are required.

BIDS WANTED

SANTA BARBARA, Calif.—Until Aug. 31, 10:00 A. M. bids will be received by Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster in the U. S. Post Office bldg. in Santa Barbara.

COMPLETE BIDS

SAN DIEGO, Calif.—Bids for construction of 25 fleet moorings at Naval Operating Base, San Diego, Spec. 8805, were opened by Bureau Yards and Docks, Navy Dept., Washington, D. C., Aug. 10. The items were:

- (1) all work;
- (2) deduction for omission of chains;
- (3) deduction if cast steel anchors furnished by govt.;
- (4) deduction if govt. furnished 25-ton crane;
- (5) deduction for each type A mooring that govt. builds;
- (6) deduction for each type B mooring that govt. builds.

The complete bids were: Southwest Welding & Mfg. Co., Alhambra, (1) \$385,700; (2) \$139,500; (3) \$158,700; (4) \$2700; (5) \$20,000; (6) \$14,100.

Koppers Co., Baltimore, Md.—(1) \$388,000; (2) \$111,000; (3) \$125,000; (4)

- \$3000; (5) \$18,000; (6) \$12,500.
Western Pipe & Steel Co., L. A., (1) \$425,553; (2) \$131,368; (3) \$171,980; (4) \$2015; (5) \$22,133; (6) \$15,906.
Chas. and F. W. Steffgen, San Diego, (1) \$440,280, (2) \$137,000, (3) \$197,000, (4) \$2500.
V. R. Dennis Construction Co., San Diego, (1) \$522,700, (2) \$130,000, (3) \$170,000, (4) \$10,000, (5) \$17,959, (6) \$11,778.

Contract Awarded
POST OFFICE—Cont. Pr., \$94,460
RICHMOND, Contra Costa Co., Calif.
New United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Department, Washington, D. C.
Contractor—James I. Barnes Construction Co., Builders' Exchange Bldg., Santa Monica.

BIDS WANTED

SACRAMENTO, Calif.—Until Sept. 8, 10:00 A. M. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting the plaster, etc. (old portions) in the U. S. Post Office and Court House at Sacramento.

Plans and specifications may be obtained from the Custodian of the Building, Sacramento.

CONTRACT AWARDED

MARE ISLAND, Calif.—Edgemore Iron Works, Edgemore, Delaware, at \$102,800, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for 120,000-lb. per hour boiler with water cooled walls, super-heater, air pre-heater, combination oil and gas burners, forced and induced draft fans combustion air ducts, soot blowers, structural steel supports and accessories, at the Navy Yard, Mare Island; Spec. No. 8807.

- Complete bids follow:
Edgemore Iron Works, Edgemont, Del., \$102,800.
Foster Wheeler Co., N. Y. C., \$108,669.
Robert L. Johnson, San Francisco, \$109,555.
Walter S. Leland Co., San Francisco, \$111,580.
C. C. Moor & Co., San Francisco, \$114,284.

LOW BIDDERS

ELKO, Nevada.—Robert McCarthy, 1363 14th Ave., San Francisco, at \$478 submitted low bid to the Custodian, U. S. Post Office, Elko, for miscellaneous repairs to the U. S. P. O. at Elko. Three low bids follow:
Robt. McCarthy, S. F. \$478.00
H. L. Grohne, Decatur, Ill. 555.00
Nick Hemminga, S. F. 695.00

BIDS OPENED

HAMMOND, Ore.—Chas. Dahlgren, Seattle, Washington, at \$37,748, submitted low bid to Treasury Dept., U. S. Coast Guard, Washington, D. C., for furnishing labor and materials and performing all work for the construction, under one general contract, of a frame equipment building (32 x 50) having a concrete foundation, concrete floor, and concrete approach slab; together with all necessary accessories required to construct the work at the Point Adams U. S. Coast Guard Station, Hammond, Oregon; Invitation No. F326-CE120.

- Complete bids follow:
Charles Dahlgren, Seattle, Wash. \$8,748.
H. R. Brumbach, Ilwaco, Wash., \$8,354.
Keller Constr. Co., Portland, Ore., \$9,587.
W. G. Clark, Seattle, Wash., \$10,333.

Glpen Constr. Co., Portland, Ore., \$10,445.

Sig Ash, Portland, Ore., \$10,988.
Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Calif.—Robert E. McKee, Box 5219 Metropolitan Station, Los Angeles, at \$481,000 awarded contract by Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for Continued Treatment Bldgs. Nos 206 and 207, at Los Angeles.

Project consists of two bldgs., each containing 764,000 cubic feet, and the work will include excavating, reinforced concrete, hollow concrete units, hollow bldg. tile, cut stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel window equipment, steel stairs, steel shelving, tile roofing, metal lathing, plastering, carpentry, acoustical treatment, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, etc.

Complete bids follow:

R. E. McKee, L. A. \$481,900
J. I. Barnes Const. Co., Santa Monica 488,000
Baruch Corp., Los Angeles 493,360
Wm. P. Neil Co., L. A. 505,990
H. E. Pratt, Riverside 566,596

BIDS WANTED

NACO, Ariz.—Until Sept. 13, 1 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for the construction of enclosed shelter at the U. S. Border Station, Naco. Plans may be obtained from the custodian of the bldg. * 7

CONTRACT AWARDED

PALO ALTO, Santa Clara Co., Cal.—James I. Barnes, Builders' Exchange Bldg., Santa Monica, at \$265,000 awarded contract by Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for construction of Infirmary Bldg., No. 137, at Palo Alto Est., cost \$345,445.

Building contains approximately 764,000 cubic feet and the work will include excavating, reinforced concrete, hollow concrete units, hollow building tile, cut stone, slate stair treads, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, waterproofing, metal work, steel window equipment, steel stairs, steel shelving, tile roofing, metal lathing, plastering, carpentry, insulation, acoustical treatment, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, etc.

Complete bids follow:

James I. Barnes Const. Co., Santa Monica \$265,000
Moore & Roberts, S. F. 283,500
Carl N. Swenson Co., San Jose 284,700
Dinwiddie Const. Co., S. F. 284,700
K. E. Parker Co., S. F. 286,248
MasDonald & Kahn, S. F. 296,000
Leo Epp, San Francisco 296,887
Anderson & Ringrose, S. F. 310,776
Nielsen & Erbertant, San Jose 311,600
P. F. Reilly, S. F. 320,000
Howard E. Pratt, Riverside 326,233
Schuler & McDonald, Oakland 356,367

BIDS WANTED

SAN FRANCISCO.—Until Sept. 6, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing materials and performing work for linoleum flooring at the U. S. Custom House, San Francisco.

Specifications (if any) may be ob-

tained at the above office or at the office of the Custodian of the bldg., S. F.

CONTRACT AWARDED

PALO ALTO, Santa Clara Co., Cal.—Wm. A. Miller Machine & Elevator Co., St. Louis, Mo., at \$7,198 awarded contract by the Veterans Administration, 764 Arlington Bldg., Washington, D. C., for installation of elevators in Infirmary Bldg., No. 137, at Palo Alto.

Complete bids were:
Wm. A. Miller Machine and Elevator Co., St. Louis, Mo., \$7,198.
Otis Elev. Co., Wash., D. C., \$7,318.
Montgomery Elev. Co., Moline, Ill., \$7,381.
Kimball Elev. Co., Los Angeles, Calif., \$7,387. * 7

8— CLUB BUILDINGS

Contract Awarded
CLUB HOUSE Cont. Pr., \$18,534
OAKLAND, Alameda Co., Cal. Tescal Park

Two-story concrete and frame rustic type recreation club house (30x70-ft.).

Owner—East Bay Regional Park District.

Architect—Williams & Wastell, 337 17th St., Oakland.

Contractor—A. Frederick Anderson, 1093 Longridge Road, Oakland.

Complete bids were:
A. Frederick Anderson, Oakland, \$18,534.

D. W. Nicholson, Oakland, \$19,596.
W. G. Thornally, Oakland, \$19,747.
John F. Tulloch, Oakland, \$19,810.
Emil Person, Berkeley, \$20,254.
F. C. Stolte Co., Alameda, \$20,774.

9— HOSPITALS

CONTRACTS AWARDED

SAN DIEGO, Calif.—Harry Muns, 4621 Cleveland Ave., San Diego, awarded general contract by San Diego County Supervisors, at \$107,180 (subject to PWA approval), for construction of a women's infirmary bldg. at the county tuberculosis sanatorium, located at the site of Vaucelain Home, San Diego. Edw. Rohde, 1746 Columbia St., San Diego was awarded the contract at \$136,900 (subject to PWA approval) for the plbg. and hfg. F. W. Stevenson, architect, 408 Spreckels Theatre Bldg., San Diego. * 9

To Seek Funds

IOSPITAL Cost, \$55,000
YREKA, Siskiyou Co., Calif.
Tuberculosis Hospital (52 beds).
Owner—County of Siskiyou.
Architect—Not selected.

Application will be filed with the PWA for a loan and grant to finance the project.

CONTRACT AWARDED

LOS ANGELES, Cal.—R. H. Parr, 206 W 112th St., Los Angeles, awarded contract for 1-story Class A reinforced concrete hospital building, 39x92-ft. in area, and a one-story Class D frame and stucco service wing, 40x72 ft., for a future home building to be built in the block bounded by Reno, Occidental, Council and Glassell Sts., for St. Ann's Maternity Hospital, and to be operated under the Bureau of Catholic Charities. The buildings will have composition roofing, steel and wood sash, terrazzo and tile floors. M. L. Barker and G. Lawrence Ott, architects, 624 S. La Brea Ave., Los Angeles. * 9

Bids Wanted — To Close Sept. 6, 10 A. M.

HOSPITAL ADDN.
FRESNO, Calif. Fresno Co. General Hospital.

New brick kitchen wing addition to County Hospital.
Owner—County of Fresno.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

At previous bid opening, at which time all bids were rejected, W. J. Ochs, Fresno, submitted low general bid, at \$69,987. Separate bids were received for general, fecch, kitchen equip., refrig. and electrical work.

Plans and specifications obtainable from the office of the Architect upon deposit of \$10, returnable. Bids will be received by County Clerk E. Dusenberry, County Courthouse, Fresno.

TO ASK BIDS

SANTA BARBARA, Calif.—Architect Henry owell, 157 Cheltenham Dr., Santa Barbara, has prepared plans for additions to the Santa Barbara County hospital. The women's wing will be extended, providing 12 more beds, and a new ward for children will be built, to provide 25 beds. Cost is estimated at \$42,000. PWA recently approved a \$19,000 grant for the project. Bids will be advertised shortly. * 9

BIDS OPENED

SAN FRANCISCO, Cal.—Burnham Plumbing Co., 1220 Webster St., at \$29,300 submitted low bid to Custodian, U. S. Marine Hospital, San Francisco, for furnishing and installing a sterilizer at the Marine Hospital, San Francisco.

Other bidders were:

N. Hemming, \$490.
George T. Rist, \$490.
Recommendation made to Washington that contract be awarded to low bidder. * 9

Bids Wanted — To Close Sept. 6, 10 A. M.

HOSPITAL ADDN. Cost, \$130,000
FRESNO, Calif.
Addition of new brick kitchen wing at the Fresno County General Hospital.

Owner—County of Fresno, c/o County Clerk, Courthouse, Fresno.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

10— HOTELS

CONSTRUC. TO START SHORTLY

SANTA MONICA, L. A. Co., Calif.—Santa Monica Miramar Co., Wilshire Blvd. and Ocean Ave., Santa Monica, will start work at once, by day labor and sub-contract, on the construction of 9 bungalows, a swimming pool, 30x60 ft. in area, and an administration bldg., 108x32 ft. in area, on the Miramar Hotel grounds in Santa Monica. The bungalows will contain from 3 to 5 rooms each and the administration bldg. will contain offices, cocktail lounge, dining room and kitchen. They will be wood frame structures with gunite ext., shingle tile roofing and steam heat. The pool will be heated. Work also includes remodeling the 6-story class A hotel bldg. on the site, converting 13 apts. into hotel rooms. Cost \$170,000. Kirby B. Ferguson, structural engineer, 815 Marco Place, Venice. * 10

12— POWER PLANTS

LOW BIDDERS

ALCATRAZ, Calif.—Clinton Const. Co., 628 Folsom St., San Francisco, at \$207,400 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of a power house at the U. S. Penitentiary, Alcatraz Island.

Second low bid was submitted by

Anderson & Rowe, San Francisco, at \$209,400.
 Complete bids will be published shortly.

CONTRACT AWARDED

ALCATRAZ, Calif.—Clinton Construction Company, 923 Folsom St., San Francisco, at \$207,400 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of a power house at the U. S. Penitentiary, Alcatraz Island.

Complete bids follow:
 Clinton Construction Co., 923 Folsom St., S. F., \$207,400.00.
 Anderson and Rowe, S. F., \$209,400.
 R. E. Campbell, Los Angeles, \$209,500.00.

Scott Co., Inc., San Francisco, \$211,000.00.

MacDonald & Kahn Co. Ltd., S. F., \$217,712.00.
 Fred F. Greenfield, Los Angeles, \$225,000.00.

**13—PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

CONTRACT AWARDED

UPLAND, San Bernardino Co., Cal.—Bakker & Robinson, 732 "D" St., San Bernardino, awarded contract by City of Upland at \$55,095, for construction of a new city hall bldg. on the NW cor. of "D" St. and 2nd Ave., Upland, a PWA project. Walker & Eisen, 437 S. Hill St., L. A., are the architects. 13

Sub-Contracts Awarded
 WARD BLDGS.

Cont. Price, \$218,470
 SPADRA, Los Angeles Co., Calif.
 Pacific Colony.

Erection and completion of Units 16, 18 and 20 of five ward buildings, consisting of three one-story reinforced concrete buildings with hollow tile partitions; steel sash and clay roof covering.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
 Contractor—John Strona, Pomona.

Roofing—Sunset Tile & Roofing Co., 107 W. Central Ave., Redlands.
 Piling—F. H. Hunt, 117 South 2nd St., Alhambra.

Lumber—E. K. Wood Lumber Co.
 Painting—Wm. Gelfand, 646 S. La Brea, L. A.

Steel Sash—Detroit Steel Products Co.
 Reinf. Steel—Blue Diamond Corp., Ltd., 1650 S. Alameda, L. A.

BIDS OPENED

SAN FRANCISCO.—Peter Sartorio, 369 Pine St., at \$15,478 submitted low bid to the Department of Public Works, Room 251, City Hall, for general construction of the yard, garage and office for the Street Cleaning Department of the Department of Public Works at E. 19th Ave. between Taraval and Santiago Sts.

Complete bids were:
 Peter Sartorio, \$15,478.
 M. E. Vukicevich, \$15,729.
 F. J. Reilly Co., \$16,860.
 Monson Bros., \$17,912.
 Chas. L. Harney, \$18,018.18.
 Miller Construction Co., \$19,322.
 *Oliver S. Almhe, \$20,979.
 *Bid not signed—Invalid.

Prospective Bidders

FIRE ENGINE HOUSE. Cost \$80,000
 FRESNO, Calif. Fresno and E. Sts. One-story reinforced concrete fire engine house.

Owner—City of Fresno.
 Architect—E. W. Peterson, Mason Bldg., Fresno.

Plans and specifications may be obtained from the architect.

Bids will be opened Aug. 23, 11 A. M.

Following contractors are figuring plans:

L. H. Hansen & Sons, Box 519, Fresno.
 T. C. & W. H. Irwin, 908 Mildreda, Fresno.

Fisher & McNulty, Mattel Bldg., Fresno.
 W. J. Ochs, Inc., Helm Building, Fresno.

Trewhitt-Shields & Fisher, Pacific S'west Bldg., Fresno.
 R. Pedersen, 446 Clark, Fresno.

Contract Awarded
 INSPECTION BLDG.

Cont. Pr., \$132,352.50
 ALAMEDA COUNTY, Calif.
 Construction of the inspection bldgs. of the railway facilities of the S. F.-Oakland Bay Bridge; Contract R8.

Owner—State of California.
 Plans by Dept. Public Works, S. F.-Oakland Bay Bridge, C. H. Purcell, Chief Engineer.

Contractor—Fred J. Early, 369 Pine St., San Francisco.

Bids Opened
 SHED, ETC.

SACRAMENTO, Cal. National Guard Armory.

Truck shed and supply building at the National Guard Armory.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and "N" Streets, Sacramento

Low Bidder—Campbell Const. Co., 800 Rt St., Sacramento, \$5,912.

Complete bids were:
 Campbell Const. Co., \$5,912
 Henry Finnigan, 6,212
 H. W. Robertson, 6,310
 Lawrence Const. Co., 6,464
 C. J. Hopkinson, 6,494
 Lindgren & Swinerton, Inc., 8,000

Bids Wanted — To Close Sept. 6, 2 P. M.

DORMITORY UNITS
 SAN LUIS OBISPO, Calif. California Polytechnic School.

Erection and completion of Six Dormitory Units, consisting of six one-story wood frame buildings, covered on exterior with wood siding on walls and composition shingles on roof. Interior walls and ceilings are plastered. Windows and doors are of wood.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacto.

Segregated bids will be received for (1) general work—combined for six buildings (2) Plumbing and Heating work—combined for six bldgs. and (3) electrical work—combined for six buildings.

Plans and specifications obtainable from the State Architect's Office upon deposit of \$25, returnable.

Bids must be accompanied by cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

Bids Opened
 GROUND IMP.

LOS ANGELES, Calif. State Office Building.

Ground improvement at the State Office Building involving demolition and removal of sidewalks, paving, and old foundations, together with excavations, filling, grading, concrete work and drainage.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Low bidder: Vido Kovacevich, 5400 Imperial Highway, South Gate, \$7,450.

450.
 Complete bids were:
 Vido Kovacevich, South Gate \$7,450.
 B. G. Karn, L. A., \$9,433.
 Harvey A. Nichols, L. A., \$12,821.
 Arthur Pinner Jr., L. A., \$13,488.

Sub-Contracts Awarded
 EXHIBIT BLDG.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

One-story frame exhibit building to contain approx. 4000 sq. ft.
 Owner—The Christian Science Monitor.

Architect—Edward G. Bolles, 681 Market St., S. F.
 Contractor—W. C. Akard, 225 Cervantes Blvd., S. F.

Plumbing and Heating—E. Sugarman, 3624 Geary St.
 Electric Wiring—Crown Electric Co., 153 Eddy St.

Sheet Metal—Colan Sheet Metal and Heating Co., 1060 Folsom St.
 Glass—W. P. Fuller & Co., 301 Mission St.

Lumber—Daugherty Lumber Co., 189 Napoleon.
 Painting—W. G. Thompson, 336 Church St.

Lathing and Plastering—A. Knowles, 982 Bryant St.
 Masonite Floor—Turner Resilient Floors Inc., 141 New Montgomery St.

All of San Francisco.

Contract Awarded
 MISSOURI BLDG.

Cont. Price \$19,264
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Missouri Building; Contract No. 205.
 Owner—S. F. Bay Exposition Co., Inc., (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Exposition Architectural Commission, 585 Bush S. S. F.

Contractor—Barrett & Hulp, 918 Harrison St., S. F.

Sub-Contracts Awarded
 CALIF STATE BLDG.

Cont. Pr., \$156,000
 YERBA BUENA ISLAND. Site of the 1939 World's Fair.

Frame and exterior construction only of the California State Bldg., a 2-story frame building with 283 ft. frontage and 235-ft. depth, irregular, to contain ballroom, Governor's suite, womens' club rooms, administration offices, 2 auditoriums to seat 250 persons each, large foyer (plyboard-resistex exterior, steel sash, composition roof) exhibit space for state's natural resources.

Separate bids will be asked for interior finish, plumbing and ventilating and electrical work.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Supervising Architect).

Contractor—George A. Fuller Co., 408 So. Spring St., Los Angeles.

Roofing—Malott & Peterson, 2412 Harrison St.

Sheet Metal—General Sheet Metal Works, 1529 Pine St.

Glass—Habenicht & Howlett, 529 Clay St.

Mill Work—Lannom Bros. Mfg. Co., 5th and Macnolia Sts., Oakland.

Painting—D. Zelinsky & Sons Inc., 165 Grove St.

Lathing & Plastering—M. J. King, 231 Franklin St.

Steel Windows—Soule Steel Co., 1750 Army Street.
 Steel & Iron—Moore Dry Dock Co., foot of Adeline St., Oakland.

Reinforcing Steel—Coco Steel Products Corp., 1280 Indiana St.

All of San Francisco unless otherwise noted.

Plans Being Prepared
EXHIBIT BLDG. \$270,000
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Mining Exhibit Building (Treasure Mountain). Show workings of Mines, etc.
 Owner—Mining Exhibits, Inc., Room 417, Balfour Bldg., San Francisco.
 Consulting Architect—Mark Daniels, 101 Post St., San Francisco. 13

BIDS WANTED
 YERBA BUENA SHOALS, Calif.—Until September 2, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Rm. 415 of said building, for construction of the structural steel work for the Auditorium Building.
 Work under separate contracts for general construction, electrical work, plumbing work and interior finish, in connection with building will be underway simultaneously with above work.
 Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Contract Awarded
POLICE STA. & JAIL
 Cont. Price \$22,500
 BURLINGAME, San Mateo Co., Cal. One- and part two-story reinforced concrete police station and Jail.
 Owner—City of Burlingame.
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
 Contractor—John E. Branagh, 116 Monticello Ave., Piedmont.
 Contract awarded subject to PWA approval.
 Complete bids were:
 John E. Branagh, Piedmont, \$22,500.
 Rooney & MacDonald, Inc., Burlingame, \$22,666.
 Peter Sartorio, S. F., \$22,858.
 Charles J. Pedersen, San Mateo, \$23,290.
 C. H. Bessett Bldg. Co., Burlingame, \$23,715.
 Miller Construction Co., S. F., \$24,152.
 R. A. McLean & Co., S. F., \$24,449.
 H. E. Rahlmann Co., S. F., \$24,690.
 A. Nelson, Inc., S. F., \$24,879.
 G. W. Williams Co., Burlingame, \$24,985.

BIDS WANTED
 SACRAMENTO, Calif.—Until Sept. 2, 8:45 P. M., bids will be received by the City of Sacramento, H. G. Denton, City Clerk, for construction of New Building Addition to the City Hall and alteration work in existing buildings at Sacramento.
 Plans and specifications may be obtained at the office of the City Clerk upon deposit of \$25. Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, payable to order of City Controller of Sacramento.

LOW BIDDER
 UPLAND, San Bernardino County, Calif.—Bakker & Roblson, 732 "D" St., San Bernardino, submitted low bid to City of Upland at \$55,095,

for construction of a new city hall bldg. on the NW. cor. of "D" Street and 2nd Ave., Upland, a PWA project. Walker & Eisen, 437 Hill Street, L. A., are the architects. 13

Completing Plans
 CITY HALL Est. cost, \$61,800
 DALY CITY, San Mateo Co., Calif. Two-story and basement reinforced concrete city hall building.
 Owner—City of Daly City.
 Architects—Wm. H. Toepke and Otto G. Hintermann, 74 New Montgomery St., S. F.

PWA grant recently allotted in the amount of \$27,810, together with bonds voted in the amount of \$34,000 will finance construction.

Plans Being Prepared
 CITY HALL Cost, \$428,740
 BELLINGHAM, Wash. Grand Ave. and Commercial St.

Two-story and basement reinforced concrete city hall (vaults, shooting gallery, recreation hall, etc.)
 Owner—City of Bellingham.
 Architect—Leonard Bindon, Medical Bldg., Bellingham. 13

14— RESIDENCE

Preparing Working Drawings
 RESIDENCE
 MONTARA, San Mateo Co., Calif. Near Half Moon Bay.
 One-story frame and stucco residence (3 bedrooms) tile roof, hardwood floors, tile baths, wood sash, rumpus room over garage.
 Owner—George Havice, c/o Arch.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Contract Awarded
 DUPLEX Cost, \$9,000
 ALBANY, Ala Co., Calif.
 One-story frame and stucco duplex (10 rooms, 2 baths) tile and composition roof, gas heating system, etc.
 Owner—M. Borell.
 Architect—Keith Narbett, 462 31st St., Richmond.
 Contractor—John Faramia, 827 Madison St., Albany.

Contract Awarded
 RESIDENCE
 MENDO PARK, San Mateo Co., Cal. Felton Gables.
 One-story frame and stucco residence (6 rooms, 2-car garage) single roof, gas heating system, etc.
 Owner—J. de Angeles.
 Architect—Arthur Janssen, Rt. 1, Box 113, Redwood City.
 Contractor—G. W. Williams Co., 10 California Drive., Burlingame. 14

Bids in
 RESIDENCE Cost, \$.....
 MODESTO, Stanislaus Co., Calif.
 One-story and basement frame and stucco residence (7 rooms) plaster interior, hardwood floors, etc.
 Owner—W. Poulouf, c/o Architect.
 Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.
 Bids in held under advisement.

Contract Awarded
 RESIDENCES
 HILLSBOROUGH PARK, San Mateo Co.
 Two one-story frame and stucco residences (hardwood floors, tile baths, wood sash, etc.)
 Owner—Withheld.
 Architect—Mario Corbett, 72 3rd Ave., San Mateo.
 Contractor—J. B. Allen, San Carlos. (4) 1st rep. July 7; 3rd, Aug. 12, 1938.

Contract Awarded
 RESIDENCE Cost, \$17,000
 PIEDMONT, Alameda Co., Cal. 329 Hampton Road.
 Two-story frame residence (10 rms.), garage.
 Owner—Allen Starr, 60 Crest Road, Piedmont.
 Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
 Contractor—Conner and Conner, 1733 Francisco St., Berkeley.

Contract Awarded
 RESIDENCE Cost, \$.....
 LODI, San Joaquin Co., Calif.
 One-story frame residence (6 rms.) wood shingle roof, tile baths, hardwood floors, linoleum kitchen, gas - fired heating system, wood sash, etc.
 Owner—Withheld.
 Architect—Victor Galbraith, 221 East Acacia St., Stockton.
 Contractor—P. L. Hanson, Rt. 2, Box 103, Lodi.
 Foundation work started.

Segregated Bids Being Taken
 RESIDENCE Cost, \$.....
 ALAMEDA, Alameda Co., Cal. Central Avenue and Eighth St.
 1½-story frame and stucco residence (6 rooms), shingle roof, gas heating system, steel sash, hardwood floors, tile bath, etc.
 Owner—C. C. Bennett.
 Plans by C. J. Parson, 1428 Franklin St., Oakland.
 Contractor—Dodds & Chambers, 1428 Franklin St., Oakland.

Segregated Bids Being Taken
 RESIDENCE Cost, \$5,500
 OAKLAND, Alameda Co., Calif. McKinley Avenue.
 Two-story frame and stucco residence (6 rooms, one bath), shingle roof, Atlas gas heating system, oak flooring, etc.
 Owner—A. T. Barbis.
 Plans by C. J. Parson, 1428 Franklin St., Oakland.
 Contractor—Dodds & Chambers, 1428 Franklin St., Oakland.

Contract Awarded
 RESIDENCE Cost, \$6,000
 SAN FRANCISCO, San Jose Avenue East Havelock.
 One - story and basement frame and stucco residence (5 rooms), composition roof, gas heating system hardwood floors, etc.
 Owner—Mr. Cranepa.
 Architect—D. E. Jaekle, 126 Post St.
 Contractor—A. DeBenedetti and Son, 100 Brazil Avenue.

Low Bidder
 RESIDENCES
 HILLSBOROUGH, San Mateo Co.
 Two one-story frame and stucco residences (hardwood floors, tile baths, wood sash, etc.)
 Owner—Withheld.
 Architect—Mario Corbett, 72 3rd Ave., San Mateo.
 Low Bidder—J. B. Allen, San Carlos.

Contract Awarded
 RESIDENCE Cost, \$12,000
 BERKELEY, Alameda Co., Cal. 500 Grizzly Peak.
 Two - story frame and stucco residence (6 rooms).
 Owner—A. C. Baxter.
 Architect—C. W. Mayhew, 6026 Acacia, Oakland.
 Contractor—J. B. Armstrong, 834 E. 10th St., Oakland.

Mill Work Awarded
 RESIDENCE Est. Cost, \$25,000
 LOS GATOS, Santa Clara Co., Calif.
 One - story frame residence (14 rms., four baths), shake roof, hardwood floors, tile baths, etc.
 Owner—Edith F. Froud, c/o Cont.

Architect—Hyman and Appleton, 68 Post St., San Francisco.
 Contractor—Jacks & Irvine, 620 Market St., San Francisco.
 Mill Work—Anderson Bros. Mfg. Co., Quint and Custer Sts., San Francisco.

Contract Awarded
 RESIDENCE Cost, \$45,000
 SAN FRANCISCO. S.E. Broadway and Divisadero Sts.
 Two-story and basement frame residence.
 Owner—Frank Gerbode, 2633 Green Street.
 Architect—William Wilson Wurster, 260 California St.
 Contractor—Chas. Stockholm, Russ Building.

Preparing Working Drawings
 RESIDENCE Est. cost, \$8000
 SAN LEANDRO, Ala., Calif.
 One-story rustic residence (8 rooms) shingle roof, hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Geo. P. Simonds, 80 Main St., Hayward.

Plans Being Figured — Bids Close
 Aug. 23, 10:00 A. M.
 RESIDENCE
 OAKLAND, Ala. Co., Calif. Piedmont Pines.
 Two-story frame and stucco residence (6 rooms, 2 baths), tile roof, gas heating system, hardwood floors, etc.
 Owner—Name withheld.
 Architect—Ray Keefer, 770 Wesley Ave., Oakland.

Plans Being Prepared
 MODEL HOME
 YERBA BUENA SHOALS. Site of the 1933 World's Fair.
 Western Pine Association Pine Home. (Cap Cod Colonial type).
 Owner—Western Pine Assn., 74 New Montgomery St., San Francisco.
 Architect—Withheld.
 Further details will be announced shortly. * 14

To Be Done By Day's Work.
 RESIDENCES Cost, \$7,000 each
 PALO ALTO, Santa Clara Co., Calif.
 Two 1-story duplex residences.
 Owner and Builder—J. W. Cabbage, 737 Webster St., Palo Alto.
 Architect—Not Given. 14

Contract Awarded
 RESIDENCE Cost, \$8500
 PALO ALTO, Santa Clara Co., Calif. 1800 Guinda Street.
 One-story frame and stucco residence.
 Owner—Q. D. Griffin, 517 Byron St., Palo Alto.
 Architect—Not Given.
 Contractor—C. A. Pellymounter, Mtn. View. 14

Contract Awarded
 RESIDENCE Cost, \$8,000
 PALO ALTO, Santa Clara Co., Calif. 2061 Webster Street.
 One-story frame and stucco residence.
 Owner—Grace R. Seal, 529 Ramona St., Palo Alto.
 Architect—Not Given.
 Contractor—John Christiansen, 250 Mariposa Ave., Palo Alto. 14

Bids Close Aug. 17, Noon
 RESIDENCE Cost, \$.....
 MODESTO, Stanislaus Co., Calif.
 One-story frame and stucco residence (6 rooms) electric throughout, hardwood floors, linoleum in baths, etc.
 Architect—Russell G. de Lappe, 1901 Downey Avenue, Modesto.
 Plans being figured by a selected list of contractors.

Opening date previously reported in error.

Contract Awarded
 RESIDENCE
 CROCKETT, Contra Costa Co., Calif.
 One-story frame and stucco residence; hardwood floors, tile bath, etc.
 Owner—Withheld.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
 Contractor—A. Frederick Anderson, 1093 Longridge Road, Oakland.

Sub-Contracts Awarded
 RESIDENCE Cost, \$8,000
 SAN FRANCISCO. NE Ocean Ave. and San Benito.
 Two-story and basement frame and stucco residence.
 Owner—Lloyd J. Cosgrove, 22nd and Mission Streets.
 Architect—Not Given.
 Contractor—Arco Bldg. Co., 5411 Mission Street.
 Roofing—Jack Johnson Roofing Co., 3365 Army Street.
 Plumbing—H. B. Williamson, 1067 Plymouth Street.
 Electric Wiring—Eureka Elec. Co., 3469 Mission Street.
 Heating and Sheet Metal—New Mission Sheet Metal Co., 3401 Mission Street.

Tile Work—Cook Tile Co., 334 Claremont Boulevard.
Glass—Mutual Plate & Window Glass Co., 1969 Mission St.
Window Shades—D. N. & E. Walter Co., Inc., 562 Mission St.
Hardwood Floors—Einer Johnson, 545 Arch Street.
Iron Grille Work—Artistic Metal W'ks 341 S. Van Ness.
Brick, Stone Work and Hollow Tile—Sid Tuffy, 91 Mt. Vernon Ave.
Grading—Arnold Trucking, 1247 Green Street.

Foundations & Concrete—San Francisco Concrete Co., 98 Harrington Street.
Lumber—Loop Lumber Co., Central Basin.
Mill Work—Eureka Mill Lumber Co., 3615 E 14th St., Oakland.
Hardware—S. Mariani & Sons, 3364 Mission Street.
Painting—H. R. Slatt, 73 Ney St.
Lathing and Plastering—D. Vannucci 271 Naples Street.
Linoleum—West Coast Linoleum Co., 2703 Mission St.
 All of San Francisco unless otherwise noted. 14

Contract Awarded
 RESIDENCE
 HAPPY VALLEY, Contra Costa Co., Calif.
 One-story frame and stucco residence and garage.
 Owner—Fred Seulberger.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
 Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito. 14

Contract Awarded
 RESIDENCE Cost \$7,000
 SAN FRANCISCO. 1364 12th Ave.
 Two-story frame and stucco residence, (5 rooms); hardware flrs., tile bath, composition roof, warm air gas fired heating system, wood sash, etc.
 Owner—Miss P. Cole, c-o Arch.
 Contractor—Carl Olson & Son, 1386 31st Ave., S. F.

Contract Awarded
 RESIDENCE Cost \$7,000
 SAN FRANCISCO. 1364 12th Ave.
 Two-story frame and stucco residence, (5 rooms); hardware flrs., tile bath, composition roof, warm air gas fired heating system, wood sash, etc.
 Owner—Miss P. Cole, c-o Arch.
 Contractor—Carl Olson & Son, 1386 31st Ave., S. F.

15— SCHOOLS

Working Drawings Completed
 SCHOOL ADDITION Cost, \$40,000
 SHAFTER, Kern Co., Calif.
 Five classrooms of frame and stucco construction.
 Owner—Shafter Elementary School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
 Application file for PWA grant to aid in financing.

Working Drawings Completed
 SCHOOL ADDITION Cost, \$45,000
 DUCOR, Calif.
 Frame and stucco addition to contain auditorium, two classrooms, and toilets.
 Owner—Ducor Grammar School District.
 Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
 Application filed for PWA grant to aid in financing. 15

Completing Working Drawings
 ADDITION Cost, \$70,000
 WASCO, Kern Co., Calif.
 Reinforced concrete school addition to contain nine classrooms and science rooms.
 Owner—Wasco Union High School District.
 Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
 Application filed for PWA grant to aid in financing.

LOB BIDDER
 OVERTON, Nev.—Paul S. Webb, Boulder City, Nev., submitted low bid at \$138,639 to Educational District No. 1, Clark County, Nev., for alterations and improvements to present district and high school bldg. and the construction of a separate gym bldg. at Overton; also alterations and improvements to present high school bldg. and construction of a separate gym bldg. at Bunkerville. Miles E. Miller, Architect, 316 Felt Bldg., Salt Lake City. 15

Contract Awarded
 ADDITION Cont. Pr., \$49,913
 MOUNTAIN VIEW, Santa Clara Co., Calif.
 Library, class room unit at High School.
 Owner—Mountain View Union High School District.
 Architect—Clark & Clark, 310 University Ave., Palo Alto.
 Contractor—Moore & Roberts, 693 Mission St., S. F.
 Complete bids were:
 Moore & Roberts, S. F., \$49,913.
 Nielsen & Erbentraut, San Jose, \$50,495.

G. W. Williams Co., Burlingame, \$50,690.
 Dan Caputo, San Jose, \$51,963.
 Carl N. Swenson Co., San Jose, \$52,950.

A. Nelson, Inc., S. F., \$54,998.

BIDS OPENED
 SAN FRANCISCO.—Alta Roofing Company, 976 Indiana St., at \$289 submitted low bid to the Department of Public Works, Room 251, City Hall, for cleaning roof and covering same with three layers of felt and gravel at the Portola Junior High School.

Complete bids were:
 Alta Roofing Company, \$289.
 Malott — Peterson, \$316.
 Jack Johnson Roofing Co., \$372.
 J. W. Bender, \$404.

LOW BIDDER
 PASADENA, Los Angeles Co., Cal.—H. F. Miller, 7530 S. Hobart Blvd., L. A., submitted low bid to the Pasadena Board of Education at \$146,400, for rehabilitating the admin. and auditorium, South bldg. addition and shop bldg. at the McKinley Junior High School, Pasadena. Walter C. Folland, architect, 224 S. Oak Knoll Ave., Pasadena. 15

Contract Awarded
CAFETERIA Cont. Pr., \$20,451
CENTERVILLE, Alameda Co., Calif.
Cafeteria at Washington Union High School.

Owner—Washington Union High Sch. District (H. F. Harrold, Clerk).
Architect—Clark & Clark, 310 University Ave., Palo Alto.

Contractor—D. W. Nicholson, 357 12th St., Oakland.

Complete bids were:
D. W. Nicholson, Oakland, \$20,451.
Moore & Roberts, S. F., \$20,584.
B. A. Howkins & Co., S. F., \$20,988.
Carl N. Swenson Co., San Jose, \$21,990.

F. C. Stolte Co., Alameda, \$23,287.
M. White, Centerville, \$26,562.

BIDS OPENED

KERN Co., Calif.—Alva Hackney, 20 Kentucky St., Bakersfield, awarded contract by Paloma Elementary School District, at \$10,940, for construction of a 1-story frame and stucco classroom bldg. at the Paloma School in Kern County. Other bids were: Elliott & Knight, \$12,500; Guy E. Hall, \$12,600; Carter & Fowler, \$12,695; Frank Barr, \$13,051; Virgil Young, \$13,500; Hodgson & Sons, \$15,000. Franklin & Kump, architects, 256 Haberfelde Bldg., Bakersfield. 15

CONTRACT AWARDED

OAKLAND, Ala. Co., Calif.—Cleveland Wrecking Co., 260 Spear Street, San Francisco, at \$2,824 awarded contract by the Oakland Board of Education for demolition of the Piedmont Avenue School. 15

BOND ELECTION PLANNED

FRESNO, Fresno Co., Calif.—The City of Fresno, Board of Education has tentatively set Sept. 20 as the date on which the City of Fresno will vote on a proposal to issue bonds in the amount of \$802,500, which proceeds will be used to aid in financing a proposed \$1,850,000 school building and improvement program.

Contract Awarded
GYMNASIUM Cont. Pr., \$22,418
EAST NICOLAUS, Sutter Co., Calif.
One-story frame and stucco gymnasium.

Owner—Sutter Un. High School Dist.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor—Otto Steinbrenner, 2146 Perkins Way, Sacramento.

Complete bids were:
Otto Steinbrenner, Sacto., \$22,418.
C. C. Stephenson, Marysville, \$24,372.

Chas. F. Unger, Sacto., \$24,780.
H. W. Robertson, Sacto., \$25,169.
Lawrence Const. Co., Sacto., \$25,466.
M. R. Peterson, Sacto., \$25,467.
C. A. Hillberg, Turlock, \$27,713.

CONTRACT AWARDED ELECTRIC WORK

SAN LUIS OBISPO, Calif. California Polytechnic School.
Installation of electrical work for gymnasium, consisting of the re-wiring and relighting of existing gym., including the installation of new transformers and panel boards.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th & N Sts., Sacramento.
Contractor—Allen R. Ochs, San Luis Obispo.

Sub-Contracts Awarded
ADDITION Cont. Price, \$54,892
AVENAL, Kings Co., Calif. Avenal Branch of Lemoore High School.
Construction of cafeteria addition to

main school bldg. and doubling size of present shop building.
Owner—Lemoore Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Contractor—N. H. Sjöberg and Son, 594 E. 14th St., Oakland.

Lumber—Cross Lbr. Co., Avenal.
Concrete Materials—Brown Materials Co., Box 86, Huron.

Reinforcing Steel—Kyle Co., 346 G St., Fresno.

Mill Work—Madary's Planing Mill, H. and Santa Clara, Fresno.

Plumbing, Heating and Auto Lift—Scott Co., Inc., 243 Minna St., San Francisco.

Electric Work—Norman A. Russell, 822 College Ave., Santa Rosa.

Sheet Metal Work—Morrison Co., 74 Duboce Ave., San Francisco.

Lathing and Plastering—Fatta and Rinaldi, 5558 Claremont, Oakland.

Roofing and Composition Tile—C. L. Frost, 165 Webster St., S. F.

Limeum—Van Fleet Bros. Co., 557 Howard St., San Francisco.

Glass and Glazing—W. P. Fuller and Co., Box 2217, Fresno.

Structural and Miscellaneous Iron—Independent Iron Wks., 821 Pine St., Oakland.

Steel Sash—Gleason Steel Prod. Co., 1310 63rd St., Oakland.

Steel Rolling Doors & Metal Lockers—C. J. Waterhouse Co., 55 New Montgomery St., San Francisco.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Painting—J. J. Burdon, Jr., 3817 Forest Hill Ave., Oakland.

Window Hardware—MacDonald Mfg Co., 963 Harrison St., S. F.

Finish Hardware—Marshall Newell Supply Co., Spear and Mission Sts., San Francisco.

Venetian Blinds—West Coast Window shade Service, 467 19th St., Oakland.

Kitchen Equipment—Mangrum, Holbrook & Elkus, 301 Golden Gate Ave., San Francisco.

CONTRACT AWARDED

EAST BAKERSFIELD, Kern Co., Calif.—Wells Department Store, 1412 19th St., Bakersfield, submitted low bid at \$1,006.90 and was awarded contract by the Kern County Union High School District, for Venetian blinds and shades for East Bakersfield high school.

Complete bids follow:
Wells Dept. Store, \$1,006.90.
Kamline, \$1,012.75.
Malcolm Brock Co., \$1,072.20.
King Lbr. Co., \$1,089.60.
C. Gerson & Sons, \$1,101.50.
Minners Furniture Co., \$1,111.
F. Kimble, \$1,224.65.
A. D. Dulk, \$1,282.

Bonds Voted
ADDITION Est. cost \$95,905
GRASS VALLEY, Nevada Co., Cal.
Addition to classrooms to grammar school.

Owner—Grass Valley Grammar Sch. District.

Architect—Harry Devine, Cronan Bldg., Sacto.

The school district voted bonds Aug. 12 in the amount of \$50,000 which proceeds together with PWA grant will finance construction of addition.

Bids Wanted—To Close August 30, 2 P. M.

TRAINING SCHOOL Cost, \$280,000
ELLENSBURG, Wash.

Two-story structural steel, wood joist training school (267x171-ft.).

Owner—Central Washington College of Education, Robert McConnell, President.

Architect—John W. Maloney, Larson Bldg., Yakima.

Mechanical Engineer—Lincoln Boulton, 1411 4th Ave. Bldg., Seattle.
Plans and specifications obtainable from the architect's office upon deposit of \$25. Bid security of 5% required.

BIDS WANTED

WHITTIER, L. A. Co., Calif.—Until Sept. 10, 7:30 P. M. bids will be received by Whittier City School Dist. for a 2-story shop bldg. to be built at the Jonathan Bailey school, Whittier, a PWA project. Plans available at office of John C. Austin, architect, 608 Chamber of Commerce Bldg., L. A., \$10 deposit. 15

BIDS WANTED

WHITTIER, L. A. Co., Calif.—Until Sept. 10, 7:30 P. M. bids will be received by Whittier City School Dist. for construction of 1-classroom additions to both the Lydia Jackson and the Longfellow schools, Whittier, PWA project; est. cost \$10,000 each. Plans available at office of John C. Austin, architect, 608 Chamber of Commerce Bldg., L. A., \$10 deposit. 15

Low Bidders

AUDITORIUM & CLASSROOM
DELANO, Kern Co., Calif.
One-story reinforced concrete auditorium and classroom addition to Delano Elementary School.

Owner—Delano Elementary School District.

Architect—Franklin & Kump Jr., Haberfelde Bldg., Bakersfield.

Low Bidder—T. C. and W. H. Irwin, 908 Mildreda St., Fresno, \$36,519.

Second low bid submitted by R. Hodgson & Son, Porterville, at \$37,375.00.

LOW BIDDER

SOUTH WHITTIER, L. C. Co., Cal.—Arthur Pinner, Jr., 4354 W. Third St., L. A., submitted low general contract bid to South Whittier Elementary School Dist., at \$33,483, for construction of an auditorium, office and classroom bldg. at the South Whittier elementary school. The district recently defeated \$55,000 bond issue. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., L. A. 15

LOW BIDDER

LOS ANGELES, Calif.—John C. Blystone, 624 S. La Brea Ave., L. A., submitted low general contract bid to L. A. Board of Education at \$37,952, for completion of a classroom bldg. at the Overland Ave. school, 10,635 Putney Road, West L. A. Ralph C. Flewelling, architect, 816 W. 5th St., 15

CONTRACT AWARDED

KERN CO., Calif.—J. N. Harvey, Rt. 2, Box 308-A, Bakersfield, awarded contract by Buttonwillow Union School Dist. for altering and reconditioning the Buttonwillow school in Kern county. Contract also includes installation of bell and buzzer system. Plans by Symmes & Willard; Stanton Willard, architect, 1314 17th St., Bakersfield. 15

Low Bidder

ADDITION
RIO VISTA, Solano Co., Calif.

One-story frame addition to present shower room to consist of instructors' offices, girls' showers, and visiting teen showers.

Owner—Rio Vista Joint Union High School District (Mrs. Duncan McCormack, Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Segregated low bids follow:

Plumbing—Gordon-Hansen Co., Ltd., 109 Main St., Rio Vista, \$1,300.

Concrete—Fred M. Fratus, P. O. Box 85, Rio Vista, (labor only) \$300.
Sheet Metal—Gordon-Hansen Co., Ltd., Rio Vista, \$321.
Electric—Volander Electric Co., \$315.
Roofing—Schauer Roofing Co., \$324.76.
Glass—American Fuel Co., 2701 Stockton Blvd., Sacramento \$79.
Steel Sash, Cement, Concrete Aggregate, Lumber, Veneers, and Paints—Noah Adams, Walnut Grove, \$200, \$278, \$337, and \$689.

BIDS WANTED
NEAR EL MONTE, Calif.—Until August 30, 7:30 P. M., bids will be received by Temple School District, near El Monte, for a one-story auditorium building to be built at the Temple elementary school, a PWA project. Est. cost, \$57,000. Plans are available at the office of T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles; no deposit; cashier's or certified check or bond for 5% to accompany bid. William T. Wright, structural engineer. 15

CONTRACTS AWARDED
KERN CO, Calif.—Alva Hackney, 20 Kentucky St., Bakersfield, at \$10,940 awarded contract by the Paloma Elementary School District, B. P. Stearns, Clerk, for construction of a one-story frame and stucco classroom building located in Kern Co. Complete bids follow:
 Alva Hackney, 20 Kentucky Street, Bakersfield, \$10,940.00.
 Elliott & Knight, Bakersfield, \$12,500.00.
 C. E. Hall, Bakersfield, \$12,600.00.
 Carter & Fowler, Bakersfield, \$12,695.00.
 Frank Barr, Bakersfield, \$13,051.00.
 Virgil Young, Bakersfield, \$13,500.00.
 Hodgson & Sons, Porterville, \$15,000.00. 15

CONTRACT AWARDED
BUTTONWILLOW, Kern Co., Cal.—John Harvey, Rt. 2, Box 309-A, Bakersfield, at \$2,780 awarded contract by Buttonwillow Union School District, P. A. Dunford, Clerk for alterations to and reconditioning of the Buttonwillow Union School.
 Symmes & Willard, Stanton Willard, Architect, 215 Habersfeld Bldg., Bakersfield. 15

BIDS WANTED
KERN COUNTY, Cal.—Until Aug. 25, 8 P. M., bids will be received by the Rosedale Union School District, Kern County, for furnishing and installing fixtures and equipment as follows: Lighting fixtures, heating equipment, millwork, toilet partitions finish hardware, blackboards and tack boards. Bidding data obtainable from Perrins & Mackie, Bank of America Bldg., Visalia. 15

Contract Awarded
ADDITION Cont. Pr. \$52,570
ALBANY, Ala. Co., Calif.
 Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.
Owner—Albany High School District, Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—C. M. Teigland, 525 49th St., Oakland.
 Complete bids published Aug. 10th.

BIDS REJECTED
ALAMEDA, Ala. Co., Calif.—Alameda Board of Education rejected all bids for the lathing and plastering of the Mastick School, Alameda. On previous bid opening lowest bid was submitted by Fatta & Rinaldi, 2247 Filbert St., Oakland, at \$9,415.
 New bids will be asked shortly.
 Complete bids were published July 7th.

August 12, 1938
CONTRACT AWARDED
BAKERFIELD, Kern Co., Calif.
 —Guy E. Hall, 4344 1/2 S. Arlington Ave., Los Angeles, awarded contract by the Kern County Union High School District at \$3990 for alterations to the junior college building in Bakersfield. Chas. H. Biggar, 554 Habersfelde Bldg., Bakersfield, architect. 15

PREPARING PLANS
NORWALK, L. A. Co., Calif.—Architect T. C. Kistner, 312 Architects' Bldg., L. A., has started working plans for a one-story gymnasium bldg. and a one-story, boys' shower and locker room bldg. to be built at the Excelsior high school for the Excelsior Union High School District, near Norwalk. Application has been made for PWA funds. Wm. T. Wright, structural engineer. 15

Sub-Contracts Awarded
ADDITION Cont. Pr., \$34,749
MERCED, Merced Co., Calif. Merced High School.
 One-story reinf. concrete and frame addition (6 classrooms) to house science department; tile roof, wood floors, etc.
Owner—Merced Union High School, A. W. Meany, Principal.
Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francis Drake Hotel, San Francisco.
Contractor—Liner & Allen, P. O. Box 43, Merced.
Roofing—Cross Lumber Co., Winton, Merced.
Plumbing—Sanitary Plumbing Co., P. O. Box 937, Merced.
Heating Sheet and Metal—Valley Plumbing and Sheet Metal Wks., 524 K St., Merced.
Tile Work—Merced Tile Co., 741 17th St., Merced.
Glass—Electric Planing Mill, 545 S. Monroe, Stockton.

Brick and Stone Work—N. P. Blakeman & Son, Rt. No. 2, Box 136, Merced.
Grading—J. W. Huffman, 921 21st St., Merced.
Lumber—Cross Lumber Co., Winton, Merced.
Mill Work—Electric Planing Mill, 5455 Monroe, Stockton.
Painting—Zierevberg, 1121 K Street, Merced.
Lathing and Plastering—E. A. Hilton, Rt. No. 1, Box 269, Merced.
Concrete—J. W. Huffman, 921 21st St., Merced.
Steel Rolling Doors—Dick Richards, 3422 Piedmont Ave., Oakland.

BIDS OPENED
OVERTON, Nevada.—P. S. Webb, Boulder City, Nevada, at \$138,639 submitted low bid to Board of Education, Educational District No. 1, Overton, Clark County, Nev., for alterations and improvements to present district and high school building and the construction of a separate gym building at Overton; also alterations and improvements to present high school bldg. and the construction of a separate gym bldg. at Bunkerville. Plans and specifications may be obtained from Architect Miles E. Miller, 316 Felt Bldg., Salt Lake City, Utah.
 Complete bids follow:
 P. S. Webb, Boulder City, Nevada, \$138,639.
 Vincent Peterson, Salt Lake City, \$142,900.
 James J. Burke & Co., Salt Lake City, \$147,900.
 H. B. Nickelson, \$176,933.
 Bids held under advisement. 15

Low Bidders
SCHOOL
SPARKS, Nevada.
 Brick grammar school (15 classrooms, library and auditorium), oil burning steam heating system, steel sash, rubber tile flooring, etc.
Owner—Sparks Grammar School District, (P. R. Hug, Supt. of Schs.).
Architect—DeLongchamps & O'Brien, Gazette Bldg., Reno, Nevada.
 Low bidder—J. C. Dillard, Box 356, Reno, \$173,333.
 Second low bid submitted by M. R. Peterson, Sacramento, at \$192,263.

CONTRACT AWARDED
HILT, Siskiyou Co., Calif.—D. M. Reid, 825 S. Main Street, Yreka, at \$2,131, awarded contract by the Hilt School District, Mrs. W. Holmberg, Clerk, for alterations to the Hilt Elementary School, Siskiyou County, Calif. 15

Bids Wanted—To Close September 6, 8 P. M.
GYMNASIUM, ETC. Cost, \$.....
SHANDON, San Luis Obispo Co., Cal. Construction of (A) gymnasium, and (B) farm shop building, Shandon Union High School (1-story frame construction).
Owner—Shandon Union High School District (W. H. Offerman, Clerk) Shandon.
Architect—Frank Wynkoop, 420 Habersfelde Bldg., Bakersfield.
 PWA grant of \$24,545 recently was allotted the district toward total estimated cost of \$54,545 for construction of gymnasium, farm shop, classroom addition and alterations to the existing school building.
 Plans and specifications obtainable from the office of the architect upon deposit of \$10.00, returnable.

BOND ELECTION
SAN LUIS OBISPO CO., Calif.—Choice Valley School District will vote on August 30, on a proposal to issue bonds in the amount of \$5,500 proceeds to finance construction of a school building for the Choice Valley School District.

BOND ELECTION
ROUND MOUNTAIN, Shasta Co., Calif.—Round Mountain School District will vote on August 26, on a proposal to issue bonds in the amount of \$2,000, proceeds to finance construction of a school building.

Preparing Working Drawings
SCHOOL Cost, \$250,000
OAKDALE, Stanislaus Co., Cal. West of Laurel Avenue bet. Magnolia and Popular Streets.
 One-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten library and shop.
Owner—Oakdale Elementary School District (J. J. Berry, Supt.)
Architects—Frank W. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.
 The school district voted bonds July 25 in the amount of \$155,000, which proceeds, together with recently allotted PWA grant of \$128,801, will finance construction.
 Plans will be completed and bids asked about the later part of August.

Heating Bids Wanted—To Close
P. August 31, 8 P. M.
HEATING SYSTEM Cost, \$.....
SAN RAFAEL, Marin Co., Calif.
 Construction of heating system of Units A, B, C, D, E and F additions to San Rafael High School; also heating of existing shop building.
Owner—City of San Rafael School

District (Oliver Hartzell, superintendent of Schools).
Architect—N. W. Sexton, 1602 De Young Bldg., San Francisco.

Project will include construction of two one-story frame and stucco buildings and two 2-story buildings with lower story of concrete and upper story of frame and stucco; also alterations and additions to two existing bldgs. and mechanical facilities for two other buildings, grading and sidewalk, equipment, for which bids on balance of work will be asked at a later date.

Plans and specifications obtainable at the office of the secretary of the Board of Education upon deposit of \$10.00.

Bid forms also obtainable at the office of the secretary of the Board of Education or at the office of the architect and bid must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid, payable to San Rafael High School District.

CONTRACT AWARDED

LIVINGSTON, Merced Co., Calif.—Sanitary Plumbing Co., P. O. Box 937, Merced, at \$1,164 was awarded contract, subject to possible future change to accommodate gas, for the installation of a hot air furnace with blower, hot air ducts and burned in the Grammar School Bldg., at Livingston.

Total basic bids were:
Sanitary Plumbing Co., Merced, \$1,428.
Ed. H. Wolfe, Turlock, \$1,800.

16—BANKS, STORES AND OFFICES

Contract Awarded ALTERATIONS

SAN JOSE, Santa Clara Co., Calif. First Street.
Exterior alterations to Mutual Bldg. & Loan Assn. bldg.
Owner—Withheld.

Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.

Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Contract Awarded

STORE BLDG. Cont. Price, \$28,597
REDWOOD CITY, San Mateo County. Cal. Broadway and Arguello Sts.
One-story reinforced concrete store building to contain eight stores.
Owner—M. Dondero, c/o Architect.
Architect—Lazer L. Nusbaum, No. 9 Geary St., San Francisco.
Contractor—L. F. Beltramo, Menlo Park.

CONTRACT AWARDED

LOS ANGELES, Cal.—The Austin Co., 777 E Washington Blvd., Los Angeles, will erect a two-story reinforced concrete office and experimental building at 6311 Romaine St. for Technicolor Motion Pictures Corp. owner, 823 Seward St.; 50x233 feet; composition roofing, reinforcing steel, steel sash, toilets, asphaltic tile work. Cost, \$100,000. R. E. Ward, structural engineer. 16

To Be Done By Day's Work

STORE Cost, \$25,000
BERKELEY, Alameda Co., Cal. 2141 Shattuck Ave.

One-story store building (2 stores).
Owner and Builder—J. W. Harris, 2008 Shattuck Ave., Berkeley.
Architect—J. E. Anthony, 461 Ellwood Ave., Berkeley.

Low Bidders

BANK BLDG.
BAKERSFIELD, Kern Co., Cal. SW corner of Chester Ave and 18th St.

One-story reinforced concrete bank building (69x66-ft) marble and tile work; air conditioning system.

Owner—Anglo - California National Bank, 1 Sansome St., San Francisco.

Architect—Chas. H. Biggar, 554 Harberfelde Bldg., Bakersfield.

Low bidder: Guy Hall, 434 1/2 S. Arlington Ave., Los Angeles, \$105,000.

Second low bid was submitted by Lindgren & Swinerton, San Francisco, at \$106,436.
Bids held under advisement.

Contract Awarded

ALTERATIONS.
SACRAMENTO, SW. Fillmore & Sacramento Sts.

Alterations to stores and offices (carpentry work, tile work, roofing, cast stone, plastering, metal sash, electrical work, painting, etc.)
Owner—Willard F. Williamson.

Architect—Houghton Sawyer, 337 17th St., Oakland.

Contractor—Chas. Stockholm & Son, Russ Bldg.

Contract Awarded

ALTERATIONS Cost, \$7500
SAN JOSE, Santa Clara Co., Calif. 131 South Fourth Street.

Alterations and additions to building.
Owner—L. Lion & Sons, premises.

Architect—Not Given.
Contractor—W. M. Caldwell, 1241 Hedding St., San Jose. 16

PLANNED

LOS ANGELES, Cal.—Los Angeles Harbor Commission this week authorized the filing with PWA of an application for a grant to help finance construction of a proposed office and shop building at Berth 161, Los Angeles Harbor, to cost approx. \$50,000. 16

Bids Opened

ALTERATIONS
SACRAMENTO, Calif. Capitol Bldg.
Alterations to office and committee rooms in Capitol Bldg.
Owner—State of California.

Architect—Geo. E. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Complete bids received for (1) general work; (2) air conditioning; and (3) electric wiring follow:

General Work	
H. W. Robertson, 3004 F Street, Sacramento	\$5,729
Lawrence Const. Co.	5,966
Lindgren & Swinerton, Inc.	6,000
Henry Finnegan	6,830
Holdener Const. Co.	7,386
C. P. Hopkins	7,464

Air Conditioning

M. R. Carpenter, 907 Front St., Sacramento	\$4,401
(Alt. 1)	630
Luppen & Hawley, Inc.	5,426
(Alt. 1)	700

Electric Wiring

Luppen & Hawley, Inc. 3126 J St., Sacramento	\$1,914
Rex Moore	2,056
George C. Foss	2,125
J. C. Hobrecht	2,104
All of Sacramento.	

Contracts Awarded

ALTERATIONS & ADDITIONS
FRESNO, Fresno Co., Calif. N. E. Fulton and Merced Sts.

Addition of two stories and alterations to present two-story bldg. (125x150). Interior and exterior remodel, air conditioning system, elevator, etc.

Owner—Short Estate, Fresno.
Lessee—Montgomery-Ward & Co., Chicago, Ill.

Plans by Eng. Dept of Lessee.
Separate contracts awarded as follows:

General Work—Twewhlit-Shelds & Fisher, Pacific Southwest Bldg., Fresno.

Electric Work—Electric Construction Co., P. O. Box 638, Fresno.

Mechanical Work—Barrett-Hicks Co., 1027 Broadway, Fresno.

Air Conditioning—Carrier Engineering Corp.

17— THEATRES

CONTRACT AWARDED

ROSEMEAD, Los Angeles Co., Cal.—Edward Goral, 174 S. Detroit St., Los Angeles, awarded contract for reconstructing a theater building at 1629 E. Valley Blvd., Rosemead, for James Edwards, Jr. It will have a seating capacity of 800 persons. New equipment will be installed. Cost, \$50,000. S. Chas. Lee, architect, 1648 Wilshire Blvd., Los Angeles. 17

Planned

REBUILD WHARF Cost, \$30000
MARTINEZ, Contra Costa Co., Cal. Rebuild city wharf and rehabilitate yacht harbor.

Owner—City of Martinez.
Engineer—F. B. Smith, c/o City Engineer, City Hall, Martinez.

Application will be filed with the PWA for a grant of \$13,500. The City has \$16,500. 18

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal.—P. M. Sanford, 337 10th St., Richmond, at \$2,011, submitted low bid and was awarded contract by the Richmond City Council, City Clerk, City Hall, Richmond, for reconstruction of superstructure Wharf No. 2, of the City of Richmond.

Work involves:
(1) Reconstruction of superstructures;
(2) Paving;

(3) 3 floor plates.

Complete bids were:
P. M. Sanford, Richmond, \$2,011.
E. J. Freethy, Richmond, \$2,349.
C. L. Theis, Richmond, \$2,051.50.
Ben. C. Gerwick, Inc., S. F., \$2,850.
Duncanson Harrelson Co., S. F., \$4,380.

19—MISC. CONSTRUCTION

BIDS WANTED

OVERTON, CLARK CO., Nev.—Until Sept. 6, 3 P. M., (Pacific Time) or 4 P. M. (Mountain Time), bids will be received by the Overton Power District No. 5 Overton, Clark County, Nev., for the construction of a rural electrical distribution system, involving approx. 93 miles of line, in accordance with plans and specifications which may be obtained from the power district office, Overton, or from the engineer, H. W. Crozier, 209 S. 3rd St., Las Vegas, Nev., upon payment of \$5. Certified check or bidder's bond for 5% must accompany each proposal. Clarence A. Lewis, Chairman of the Board of Directors. This is to be financed under Rural Electrification Administration loan and known as Project Nevada 8004, Clark. 18

CONTRACT AWARDED

BONNEVILLE, Ore.—Aluminum Company of American, Massena, N. Y., at \$26,934 awarded contract by the Bonneville Project, 707 Falling Bldg., Portland, for conductor and appurtenances for Bonneville-Yan-couver transmission line, involving about 1,500,000 lbs. of hi voltage transmission wire.

Bids taken on:
Schedule 1, (a) f.o.b. point of manufacture; (b) delivery point.
Schedule 2, (a) f.o.b. point of manufacture; (b) delivery point.

Complete bids follow:

Aluminum Co. of America, Massena, N. Y., Sch. 1: (a) \$257,038, (b) \$286,934. Sch. 2: (a) \$239,943, (b) \$267,357.
 Anaconda Wire & Cable Co., Hastings, N. Y., Sch. 1: (a) \$441,515 (Alt., Great Falls) \$392,162; (b) \$463,033 (Alt.) \$411,901. Sch. 2: (a) \$321,213, (b) \$338,613.
 Phelps Dodge Co., Sch. 1: (b) \$387,187; alt. \$346,882.
 General Cable Corp., Sch. 1. (b) \$421,155. • 19

Construction Underway
PLANT Est. Cost, \$25,000
PITTSBURG, Contra Costa Co., Cal. County rd. joining Antioch Highway and Industrial Row.
 Sand washing plant.
 Owner—Roberts Silica Co. (owners: Charles and Edw. J. Roberts).
 Plant will prepare sand for consumption by the Columbia Steel Co.

BIDS OPENED

PORTLAND, Ore.—Following submitted bids to the U. S. Lighthouse Dept., Washington, D. C., for construction, equipment, completion and delivery of tender for lighthouse service involving one steel steam-driven twin screw, Hollyhock type, 174-ft. overall length, 32 ft. beam, approximately 825 tons displacement, total h.p. 1,000; all riveted construction; for Portland.

Bids taken on: (1) Detroit delivery; (2) Portland delivery (3) for both.

Bids were:
 Moore Dry Dock Co., Oakland, (1) \$411,839, (2) \$387,889, (3) \$779,493.
 Commercial Iron Works, Portland, (1) \$447,000, (2) \$432,000, (3) \$869,000.
 General Engrg. & Dry Dock Co., Oakland, (1) \$482,505, (2) \$460,055, (3) \$934,952.

Lake Washington Shipyards, Seattle, (1) \$468,500, (2) \$447,000, (3) \$849,538.

Manitowac Shipbuilding Co., Manitowac, Wis., (1) \$399,975, (2) \$427,490, (3) \$815,490.

Great Lakes Engr. Works, River Rouge, Mich., (1) \$548,400.
 Defoe Boat & Motor Works, Bay City, Mich., (1) \$511,000; Detroit delivery plant, \$510,700. • 19

CONTRAT AWARDED

OWYHEE PROJECT, Ore.-Ida.—Vernon Bros. Co., Box 1787, Boise, Idaho, at \$26,748.50 awarded contract by the U. S. Bureau of Reclamation, Boise, under Spec. No. 1094-D for construction of the Owyhee Ditch pumping plant and discharge pipe, Mitchell Butte Division, Owyhee project. • 19

BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 23, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 208 Post Office Building, Sacramento, under Bid No. 1105-39-41 for removing and disposing of the Barge "Kentucky" sunk in the Sacramento River.
 Plans and specifications available from the above office. • 19

BIDS OPENED

BONNEVILLE, Ore.—Erickson and Klepp, Rainier, Oregon, at \$7,000.00 submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-8, for constructing and delivering a float ready for service one 40-ft., wooden, gasoline motor-driven, twin-screw, boat hull; f.o.b. Bonneville.
 Total bids follow:
 Erickson & Klepp, Rainier, Oregon, \$7,000.00
 N. J. Blanchard Boat Co., Seattle, \$7,187.00.
 Astoria Marine Constr. Co., As-

toria, \$8,500.00.
 M. F. Frost Boat Co., Oakland, \$9,620.00.
 Commercial Iron Works, Portland, \$9,212.00.
 Government Estimate, \$8,000.00.

CONTRACT AWARDED

SAN FRANCISCO—Healy-Tyblitts Construction Company, 1 Drum St., San Francisco, at \$2532, awarded contract by the S. F. Department of Public Works, Room 251, City Hall, for furnishing and driving piles at Aquatic Park, Polk & Beach Sts., San Francisco. • 19

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Calif.—E. H. Edwards Co., at \$4,244 was awarded contract by U. S. Engineer, L. A., for wire rope. Twelve identical bids were submitted to U. S. Engineer, L. A., at \$4,244, disc. 2% 30 days for wire rope, Invt. 85, by Pacific Wire Rope Co., E. H. Edwards Co., Columbia Steel Co., John A. Roebling's Sons Co., Bethlehem Steel Co., Crook Co., California Wire Cloth Corp., Garlinghouse Bros., Le Roi-Rix Machy Co., Coast Engrg. & Equip. Co., Broderick & Bascom and Wickwire-Spencer Steel Co. • 20

BIDS OPENED

SACRAMENTO, Calif.—California Hardware Company, at \$1,708, 2% 30 days, submitted only bid to the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders' hardware for Units 16, 18 and 20 of Five Ward Buildings; f.o.b. Spadra, Calif. • 20

BIDS OPENED

COCONINO CO., Ariz.—Casmite Corp., at \$4.50, f.o.b. Casimla, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for furnishing 50 tons MC-2 liquid asphalt road material for use on Sections C and F portion of the Jacobs-Lake North Rim Approach to Grand Canyon National Park, Kaibab National Forest, Coconino County, Ariz.

Other bids follow:
 Oxnard Road Oil Co., \$5.75, f.o.b. Oxnard.
 Utah Oil Refining Co., \$15.60, Salt Lake City.

Following submitted identical bids at \$7.00: Gilmore Oil Co., Los Angeles, Union Oil Co., Wilmington, Petrol Corp., Los Angeles, Richfield Oil Co., Watson, Telegraph Refining Corp., Elftman, Shell Oil Co., Los Angeles, and Standard Oil Co., El Segundo. • 20

BIDS OPENED

COCONINO CO., Ariz.—Krieger Oil Company of California, Clearwater, at \$3.90 per ton, f.o.b. Clearwater, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for furnishing 170 tons SC-2 liquid asphalt road materials for use on Section on Section D, Route 28, Fredonia-House-rock Valley, National Forest Highway, Coconino County, Ariz.

Other bids follow:
 Telegraph Refining Corp., \$4.00, f.o.b. Elftman.
 Utah Oil Refining Co., \$8.80, Salt Lake City.

Following submitted identical bids at \$4.50: Richfield Oil Co., Watson; Shell Oil Co., Los Angeles; Petrol Corp., Los Angeles; Standard Oil Co., El Segundo; Gilmore Oil Co., Los Angeles, and Union Oil Co., Wilmington. • 20

BIDS OPENED

SACRAMENTO, Calif.—Dunham, Carrigan & Hayden Co., Kansas and Division Sts., San Francisco, at \$1,293; 2% 30 days submitted low bid to the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders hardware for Units 1 and 2 of Four Cottages for Patients; fob Eldridge, Calif.

Total bids follow:
 Dunham, Carrigan & Hayden Co., \$1,293; 2% 30 days.
 Thomson-Diggs Co., Sacramento, \$1,308.11; 2% 10 days.
 Associated Hardware Co., Inc., Oakland, \$1,559; net.
 E. M. Hundley Hardware Co., San Francisco, \$1,569; 2% 30 days.

BIDS OPENED

SACRAMENTO, Calif.—Thomson-Diggs Co., 3rd and R Sts., Sacramento, at \$1,070.70, 2% 10 days, submitted low bid to the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders' hardware for Two Detention Cottages; fob Eldridge.

Total bids follow:
 Thomson-Diggs Co., Sacramento, \$1,070.70; 2% 10 days.
 Dunham, Carrigan & Hayden Co., San Francisco, \$1,117.50; 2% 30.
 Associated Hardware Co., Inc., Oakland, \$1,385; net.
 E. M. Hundley Hardware Co., San Francisco, \$1,408; 2% 30 days. • 20

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 25, 2 P. M., bids will be received by U. S. Indian Irrig. Service, Colorado River project, Room 340, 8th and Figueroa Bldg., L. A., for Group A: alley arm braces, cross arm braces, machine bolts, washers, lag screws, bolts, bolt eyes, guy plates, anchor rods, guy clamps and guy anchor plates, f.o.b. Parker, Ariz., and/or f.o.b. bidder's shipping point; Group B: guy guards, ground moulding staples, fence wire staples, nails, ground rods and clamps, guy cable, secondary racks, insulator pins, and ground wire moulding, f.o.b. Parker, Ariz., and/or f.o.b. bidder's shipping point. Group C: insulators, wire holders, insulated clevis, varnished cambric tape, friction tape, splicing sleeves, f.o.b. same as Groups A & B; Group D: 825 lbs. No. 4, stranded, 175 lbs. No. 8 solid, 360 lbs. No. 6 solid, 225 lbs. No. 4 solid, 360 lbs. No. 1 solid medium hard drawn copper wire; 60 ft. varnished cambric tape and braid cable; 275 ft. No. 10 AWG rubber covered wire; f.o.b. same as Groups A, B & C. Group E: cut-outs, fuses, lightning arresters, connectors, conduit, conductors, tumbler switches, lighting unit, f.o.b. same as Groups A, B, C & D. Invt. 450. • 20

BIDS OPENED

OAKLAND, Calif.—Heafey-Moore Co., 344 High Street, Oakland, at \$10,998 submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 500 tons macadam rock and 1900 tons screening.

Total bids follow:
 Heafey-Moore Co., 344 High St., Oakland, \$10,998.00.
 Lee J. Immel, Berkeley, \$11,377.00.
 Daniel Contracting Co., S. F., \$12,050.00.
 Hutchinson Co., Oakland, \$12,865.00.

BIDS OPENED

OAKLAND, Ala. Co., Calif.—Acms Transportation Inc., 1020 44th Ave., Oakland, at \$3,784 submitted low bid to the Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 325 tons asphalt road oil and

60 tons emulsified road oil.

Total bids follow:

Acme Transportation Inc., 1020 44th Ave., Oakland, \$3,784.00.
Lee J. Immel, Berkeley, \$4,015.00.
Heafey-Moore Co., Oakland, \$4,256.00.
Hayward Bldg. Materials Co., Hayward, \$4,447.75. * 20

BIDS OPENED

SEATTLE, Wash.—Commercial Boiler Works, 53 W. Lander Street, Seattle, at \$13,923.72 submitted low bid to the Board of Public Works, 509 County-City Bldg., Seattle, for two 72-inch diameter steel pipes, steel trash rack and guides for Ruby Dam. Bids taken on:

(1) 197,600 lbs. for electric welded steel pipe for by-pass tunnel; and (2) 35,327 lbs. structural steel for trash rack & trash rack guides. Bids were:
Commercial Boiler Works, (1) \$12,005.46; (2) \$1918.26; total, \$13,923.72.
Puget Sound Mch. Depot., (1) \$12,065.80; (2) \$1942.99; total, \$14,008.79.
Steel Tank & Pipe Co., (1) \$13,925.12; (2) \$1988; total, \$15,914.
Pacific Car and Foundry Co.'s bid irregular. * 20

BIDS OPENED

COLORADO PROJECT.—Luke E. Smith, Denver, at \$2,550.00 submitted low bid to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1106-D, for the preparation of concrete aggregates, Colorado-Big Thompson Project, Colo.

Bids taken on:
(1) 175 tons sand;
(2) 150 tons fine gravel;
(3) 100 tons coarse gravel.
Bids were:
Luke E. Smith, Denver, (1) \$6.00; (2) \$6.00, (3) \$6.00; total \$2,550.
John Kuehn, Kremmling, (1) \$7.32, (2) \$7.32, (3) \$7.87; total \$3,146. * 20

BIDS OPENED

SAN FRANCISCO.—Columbia Steel Co., San Francisco, at (1) \$159.50 and (2) \$1036.50, disc. 1 1/2%, 10 days, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-66, for (1) 5,000 lbs. mild steel; job Fort Funston; and (2) 27,000 lbs. do for Fort Cronkhite.

Following submitted identical bids at (1) \$202.50; (2) \$1,136.70; 1/2% 30 days: Dunham, Carrigan & Hayden Co., Bethlehem Steel Co., A. J. Giesener Co., Gilmore Steel & Supply Co., A. M. Castle & Co., Soule Steel Co., Taylor-Spotswood Co., Geo. R. Borrmann Steel Co., Baker, Hamilton & Pacific Co., Foucar, Ray & Simon, and Pacific Steel Sales Corp. * 20

BIDS REJECTED

GOVERNMENT ISLAND, Calif.—The Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, rejected all bids under Bid No. 6038, for 50-ft. bridge including all structural steel, bolts for field connections, bolts for superstructure (less anchor bolts) and all misc. steel for the erection of the Markleville Ranger Station Foot Bridge. Bids will be readvertised. * 20

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—J. H. Baxter & Co., 333 Montgomery St., San Francisco, submitted low bid and awarded contract by the Alameda Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Ave., Alameda, under Spec. No. 7-3821, for western red cedar poles for fiscal year ending June 30, 1938.

J. H. Baxter & Company's bid follows:

30-ft.: Class (1) \$9.40; (2) \$8.90; (3) \$8.20; (4) \$7.75; (5) \$7.25; (6) \$6.85 (7) \$6.10.
35-ft.: Class (1) \$12; (2) \$11.50; (3) \$11.25; (4) \$10.20; (5) \$9.50; (6) \$9; (7) \$7.75.
40-ft.: Class (1) \$14.50; (2) \$13.50; (3) \$13; (4) \$11.85; (5) \$10.75; (6) \$10.30.
45-ft.: Class (1) \$17.50; (2) \$16.25; (3) \$14.75; (4) \$13.75; (5) \$12.80.
50-ft.: Class (1) \$19; (2) \$18; (3) \$17; (4) \$15.30; (5) \$14.65.
55-ft.: Class (1) \$21.75; (2) \$20.50; (3) \$18.75; (4) \$17.50; (5) \$16.80.
60-ft.: Class (1) \$24.50; (2) \$22.50; (3) \$20.75; (4) \$19.75.

Howard W. Baxter Co., Maydwell & Hartzell, General Electric Corp., James L. Hall, Graybar Elec. Co. and Westinghouse Electric Supply Co., submitted other bids which are on file at the office of the Daily Pacific Builder, 465 10th St., San Francisco. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for steel tunnel liner plates, etc., for construction of 800 l.f. steel tunnel lining Washington Blvd. and Indiana, Venice, Sch. 3797, opened by Los Angeles City Purchasing Agent were:
Truscon Steel Co., \$11,300.00; net. Start delivery in 10 days. Complete in 2 weeks from Cleveland, Ohio.
Commercial Shearing & Stamping Co., all rail delivery, \$11,639. Delivery in 24 to 29 days; rail and water, \$11,185. Delivery 40 to 45 days. * 20

BIDS OPENED

WASHINGTON, D. C.—Bids for portland cement for use in the State of Washington, opened by Procurement Division, Supplies and Accounts, are:

Portland, Ore., Cement Co., Portland: For 5000 bbls. of cement, job point of production, Lime, Ore. Rail connection, Union Pacific; 5000 bbls. at \$1.35 bbl., \$6.750; no discount; 10c allowed per sack for empty sacks returned.

Santa Cruz Portland Cement Co., San Francisco: 5000 bbls. at \$2.00 per bbl., \$10,000. Railroad connection S. P.; no disc.; job point of production, Portland, Oregon; 10c allowance on empty sacks.

Spokane Portland Cement Company Spokane, Wash.: 5000 bbls. at \$2.50 per bbl., \$12,500; 10c disc. 15 da.; job point of production, Irvin, Wash.; rail connection Northern Pacific; 10c per sack allowance on empty sacks returned. *

The Olympic Portland Cement Co., Seattle: 500 bbls. at \$2.60 bbl., \$13,000; railroad connection, N. P., G. N. & Milwaukee; job point of production, Bellingham, Wash.; 10c per sack allowance on returned empty sacks; 10c discount 5 days.

Superior Portland Cement Co., Seattle: 5000 bbls., \$2.75 bbl., \$13,750; job point of production, Concrete and Seattle, Wash.; Rail connections, G. N., N. P., U. P., P. C., C. M. S. & P. & P.; 10c allowance on returned empty sacks. * 20

CONTRACT AWARDED

DENVER, Colo.—Ohio Brass Co., Mansfield, Ohio, at \$47,779 has been awarded contract by Bureau of Reclamation, Washington, D. C., for 70,000 insulators for transmission lines on Kendrick and Riverton projects, Wyo., and Colorado-Big Thompson project, Colo., Invit 20754-T. * 20

BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 24, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col.

L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-27, for furnishing and delivering 800 tons riprap stone for Wing Dam in the vicinity of Sacramento; f.o.b. railroad cars at bidder's plant and/or Sacramento.

Plans and specifications available from above office. * 20

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER apts., \$297; 139 Haight St.; owner, J. Badella, 415 San Bruno Ave.; contractor, Bay Cities Termite Control, Oakland.

BILLBOARD, \$13; SE Van Ness and Pine St.; owner and contractor, Foster & Kleiser Co., 1675 Eddy. ALTER office, \$350; 40th and Irving; owner, Madeline Klaes, 28 Crestlake Drive.

ALTER store, \$20; 3814 Irving St.; owner, A. Chantelosis, premises. ALTER dwelling, \$480; 324 Texas St. owner, C. Bozza, premises; contractor, Victor Oliva, 927 Hampshire St.

ALTER store, \$500; 22 3rd St.; owner H. C. Holmes, 152 Kearny Street; contractor, Walter Mfg. Co., 148 Peoria St.

ALTER dwelling, \$300; 4201 Kirkham St.; owner, H. O. Henderson, 4201 Kirkham St.; architect, J. H. Berger, 4444 Judah St.

SIGN, electric, \$200; 320 Valencia; owner, Hotel Oregon, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

FLUES, \$65; W 26th Ave. nr. Rivera; owner, P. Sanfilippo, 6134 Geary St.

SIGN, electric, \$110; 2591 24th St.; owner, G. Mammini, prem.; contractor, J. K. Herzog, 370 Van Ness Ave. South.

ALTER garage, \$130; 4126 26th St.; owner, G. A. Petersen, premises.

ALTER dwelling, \$150; 1643 Castro St.; owner, Roger Paulke, 2997 Harrison St.

SIGN, electric, \$100; 693 Post Street; owner, Post and Jones Bldg., 693 Post St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$300; 3761 21st St.; owner, G. Hall, premises.

SIGN, electric, \$500; 22 3rd Street; owner, Holmes Book Store, prem. contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

ALTER flats, \$400; 319 Walnut St.; owner, Maria Egan, prem.; contractor, Home Owners' Improvement Co., 3815 Geary.



The
"BUILDER-WAY"
is the
"MODERN-WAY"
to
Buy and Sell
EQUIPMENT

For further information consult:

Daily Pacific Builder

465 TENTH ST. | OR | Market 7110

Stark-Rath Publ. Co.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|--|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., etc. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

- (2) 60 c.y. struc. excav.;
 - (3) 2.5 sta. finish rdwy.;
 - (4) 1.1 tons liq. asph., SC-2 (prime coat);
 - (5) 85 tons mineral aggre. (plant-mixed surf.);
 - (6) 5 tons liquid asph. ROMC-3, -4 or -5 (plant-mixed surf.);
 - (7) 14,000 lbs. bar reinf. steel;
 - (8) 74 c.y. Class A Portland cement conc. (struc.);
 - (9) 28 MFBM dense select all-heart struc. redwood;
 - (10) 9 M FBM select all-heart struc. redwood;
 - (11) 800 lf. furnishing treated Douglas fir piles;
 - (12) 32 each, driving do;
 - (13) 8 each, steel pile shells;
 - (14) .05 mille new property fence;
 - (15) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

- gravel or stone;
 - (10) 7 tons of liquid asphalt, SC-2 (prime coat);
 - (11) 6 tons liquid asphalt SC-4 (seal coat);
 - (12) 46 cu. yds. sand (prime and seal coat);
 - (13) 112,000 lbs. bar reinforcing steel;
 - (14) 224 cu. yds. Class "A" Portland cement concrete footing blocks;
 - (15) 590 cu. yds. Class "A" Portland cement concrete structures;
 - (16) 152,000 lbs. structural steel;
 - (17) 2610 lbs. cast steel;
 - (18) 402 lin. ft. steel railing;
 - (19) 9000 FBM Douglas Fir timber;
 - (20) 1,500 cu. yds. heavy riprap;
 - (21) 2850 sq. yds. slow protection material;
 - (22) 12 lin. ft. 12-inch CMP;
 - (23) 12 lin. ft. 18-inch CMP;
 - (24) 48 lin. ft. 24-inch CMP;
 - (25) 3 each removing and resetting headwalls;
 - (26) 38 lin. ft. removing and salvaging pipe culvert.
 - (27) 4 each culvert markers;
 - (28) 7 each monuments;
 - (29) 1 lot misc. items of work;
- Plans and specifications may be obtained from the above office.

21—BRIDGES

BIDS OPENED

CONTRA COSTA CO., Calif.—S. H. Van Gelder, 265 Tenth Street, San Francisco at \$3,742.08, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., S. F., for repaving a relmf. conc. arch culvert across the west branch of San Pablo Creek about 5 miles west of Lafayette, (IV-C.C.-75-A), Contra Costa Co., Calif.

- Work involves:
- (1) 2,300 lbs. bar reinf. steel;
 - (2) 33 c.y. Class "A" Portland cement concrete;
 - (3) 146 l.f. multi plate arch;
 - (4) 12 c.y. grout in place;
 - (5) 244 anchors in place.

- Total bids follow:
- (A) S. H. Van Gelder, 265 10th St., S. F., \$3,742.08.
 - (B) L. C. Seidell, \$4,357.00.
 - (C) C. C. Gildersleeve, Berkeley, \$4,711.00.
 - (D) Palo Alto Road Materials Co., \$5,387.40.
 - (E) R. G. Clifford, S. F., \$5,424.00.

Unit prices follow:	(A)	(B)	(C)	(D)	(E)
(1) .....	.09	.10	.12	.16	.20
(2)	20.00	19.00	28.00	42.00	40.00
(3)	16.00	19.00	19.00	21.00	20.00
(4)	19.00	30.00	36.00	30.00	40.00
(5)	1.32	1.50	1.25	.85	1.00

BIDS WANTED

SISKIYOU COUNTY, Calif.—Until September 6, 10 A. M., bids will be received by the Siskiyou Co. Board of Supervisors, Waldo J. Smith, Clerk Yreka, for the dismantling and assembling of the steel truss bridge over Scott River, one mile south of Fort Jones on State Highway Route No. 82; and for the construction of the Sacramento River Bridge at Shasta Rereat, Siskiyou County.

Plans and specifications may be obtained from the County Surveyor, Yreka, or may be seen at the home of Chas. Pendleton, Supervisor of Road District No. 2, Dunsmuir.

21

BIDS WANTED

SANTA BARBARA and San Luis Obispo Cos., Cal.—Until August 31, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for reconstruction of a timber bridge across Cuyama River and grading and surfacing with plant-mixed surfacing the west approach, about 35 miles east of Santa Maria, Santa Barbara and San Luis Obispo Cos.

- Work involves:
- (1) 600 c.y. rdwy. unclass. excav.;

BIDS WANTED

MARIN CO., Calif.—Until August 29, 11:00 A. M. bids will be received by the Marin County Clerk, Court House, San Rafael, for construction of a reinforced concrete bridge across San Geronimo Creek on Montezuma Avenue, Forest Knolls, County Road No. 5861, Marin Co., Calif.

- Work involves:
- (1) 195 c.y. Class A Portland cement in place;
 - (2) 21,500 lbs. reinforcing steel in place.

Plans and specifications may be obtained from the County Surveyor's Office, Court House, San Rafael, * 21

August 18, 1938

BIDS WANTED

SIERRA CO., Cal.—Until Aug. 31, 2 P. M. (postponed from Aug. 17) bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of one 120 ft. steel truss span on concrete piers, and two 49-ft. girder spans on concrete bents across the North Fork of the North Fork of the Yuba River at Downville, and approximately 0.5 miles grading, surfacing with untreated crushed gravel or stone and applying seal coat, Sierra Co.

- Work involves:
- (1) Lump sum—clearing and grubbing;
 - (2) 350 cu. yds. removing concrete;
 - (3) 225 M. gals. water;
 - (4) 10,000 cu. yds. roadway excav. without class.
 - (5) 1,350 cu. yds. structure excav.;
 - (6) 137,000 sta. overhaul;
 - (7) 25 sta. finishing roadway;
 - (8) 140 cu. yds. salvage surfacing;
 - (9) 640 cu. yds. untreated crushed

August 18, 1938

CONTRACT AWARDED

TULARE CO., Calif.—Trehwitt-Shields and Fisher, Pacific South-west Bldg., Fresno, at \$36,792.90 (deducting item 2 at \$4,185 from the total bid of \$40,950.90) (submitted low bid and awarded contract) by the Tulare Co. Board of Supervisors, Gladys Stewart, County Clerk, Court House, Visalia, for the construction of a structural steel truss bridge, consisting of three spans with reinforced concrete piers and abutments, located near Three Rivers, Tulare Co., Calif. * 21

22—DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SUTTER COUNTY, Calif.—As previously reported until September 7, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-24, for raising and strengthening approximately 17,200 l.f. existing levee along the west levee of the Feather River in the vicinity of Yuba City, Calif.

- Work involves:
- (1) 821,500 c.y. levee embankment, in place;
 - (2) 23,600 M. gals. water for compaction purposes;
 - (3) 15,000 cu. bank grading;
 - (4) 14,550 tons cobble revetment, in place;
 - (5) 1,780 c.y. road gravel in place;
 - (6) 165 lf. furnishing and installing 3-inch diameter class 150 C.I. pipe drains in retaining walls;
 - (7) 34 lf. furnishing and installing 3-inch diameter extra strong galv. W. I. pipe with necessary sleeves, tees and elbows;
 - (8) 100 lf. furnishing and installing 3-inch diameter standard galv. W. I. pipe with necessary sleeves, tees and elbows.
 - (9) 70 lf. furnishing and installing 36-inch diameter No. 10 gage corrugated iron pipe with necessary 36-inch diameter No. 10 gage band couplers.
 - (10) 200 lf. installing 24-inch diameter asbestos bonded corrugated iron pipe and band coupler

Capital City
Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento : Calif : ia

- 70 connections, at Station 1469 plus connections, at Station 1469 plus installing tee for manhole, constructed from 36-inch diameter No. 10 gage corrugated iron pipe;
- (12) 1 each furnishing and installing 24-inch diameter Crane No. 781 gate valve or equal at Station 1469 plus 70.
- (13) 2 each furnishing and installing 24-inch diameter by 3 ft. flanged class 150 cast iron pipe nipples, at Station 1469 plus 70;
- (14) 15 c.y. concrete class "A", in place;
- (15) 308 c.y. yds. concrete class "B", in place;
- (16) 2840 lbs. furnishing and placing reinforcing steel.
- (17) 1 job remove, save and reinstall existing 3-inch diameter pipe; and remove and waste existing concrete headwall, at Station 1414 plus 10.
- (18) 1 job remove and waste existing concrete manhole and approximately 60 lf. of 36-inch diameter concrete pipe at Station 1468 plus 79.
- (19) 1 job remove and waste existing sewer pipe lines and all appurtenances, except existing manhole structure, which are within the tees of existing or proposed levees between Stations 1469 plus 70 and 1482 plus 50.

Plans and specifications may be obtained from the above office. * 22

BIDS OPENED

LOS ANGELES, Calif.—Canon Bros., 1464 E. Compton Blvd., Compton, at \$17,522 submitted low bid to the Los Angeles County Supervisors, for excavating for caisson found for the Naval Reserve Armory to be built on Chavez Ravine Blvd., a WPA project. * 22

BIDS OPENED

PEARL HARBOR, T. H.—Standard Dredging Co., 325 Central Bldg., Los Angeles, at \$0.197 (Item 5) and Hawaiian Dredging Co., at \$0.39 (Item 3) and \$0.49 (Item 4) submitted only bids to the U. S. Bureau of Yards and Docks, Navy Dept., Wash., D. C., under Spec. No. 8702., for dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Est. cost \$1,400,000.

Bids taken on:

- (1) Dredging shoal area G, G-1 and G-2.
- (2) Dredging shoal area G.
- (3) Dredging shoal area G-1.
- (4) Dredging shoal area G-2.
- (5) Dredging shoal area G and G-1.

BIDS WANTED

YAMHILL CO., Ore.—Until Aug. 26, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-82, for clearing, bank sloping, gravel excavation, and the construction of approximately 2400 feet of rock riprap revetment, located in the Yamhill County District Improvement Co. No. 1, Yamhill County, at Grand Island, Willamette River, 69 miles above its mouth, Yamhill Co., Ore.

Work involves:

- (1) 3.0 acres clearing;
- (2) 500 cu. yds. bank sloping;
- (3) 22,000 cu. yds. gravel excavation;
- (4) 24,525 tons rock riprap, in place.
- Plans and specifications may be obtained from the above office.

BIDS WANTED

PUGET SOUND, Wash.—Until Sept. 14, 11:00 A. M. bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C.,

under Spec. No. 8833, for a concrete graving dock at the Navy Yard, Puget Sound. Estimated cost \$4,500,000.

Plans and specifications may be obtained from the above office and from the Commandant, Navy Yard, Puget Sound, Washington, upon the deposit of \$25.00. * 22

CONTRACT AWARDED

MARE ISLAND.—Basalt Rock Co., Inc., 900 Eighth St., Napa, at \$146,169.21 awarded contract by the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8849, for extension and repairs to Dike No. 12, Navy Yard, Mare Island. * 22

CONTRACT AWARDED

OAKLAND, Calif.—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco, at \$13,726 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, and Dring Spec. No. 49, for furnishing and driving 49 concrete piles for the East Bay Aqueduct at crossing over levees of Old River, Middle River and Indian Creek. * 22

BIDS WANTED

HUMBOLDT CO., Calif.—Until September 8, 3:00 P. M. bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-75, for dredging about 2,185,247 c.y. materials in Humboldt Bay, as follows:

- (a) Eureka channel from deep water in Humboldt Bay about 2600 feet southwest from the Echo Board on the shoal extending southerly from Indian Island to the foot of N Street, Eureka, extended;
- (b) Samoa Channel from deep water in Humboldt Bay about 3000 feet southwest from the above Echo Board to deep water off the Hammond Redwood Company Wharf at Samoa;
- (c) Fields Landing (Hookton) Channel from the Beacon on Buhne Spit Shoal to a point about 800 feet southwest from the above Echo end of the Pacific Lumber Company wharf at Fields Landing.
- Plans and specifications may be obtained from the above office.

BIDS WANTED

VENTURA CO., Calif.—Until Aug. 24, 10:00 A. M. bids will be received by Ventura county supervisors for channel excavation, levees and slope facing, Santa Paula Creek Flood damage project, Ventura County. The work involves:

- (1) 77,475 cu. yds. excav.;
- (2) 18,900 c.y. borrow levee embankment;
- (3) 440 c.y. masonry rubble;
- (4) 3,000 c.y. dry rubble;
- (5) 84,000 sq. ft. No. 6 6x6 galv. wire mesh;
- L. B. Hollowell, county clerk. * 22

COMPLETE BIDS

CLATSOP COUNTY, Ore.—Dolan Const. Co., Tillamook, at \$16,140 submitted low bid to U. S. Engineer Office, Dist. Engr., 628 Pittcock Block, Portland, under Bid No. 698-39-43, for the construction of approx. 312 lf. of new levee, construction of one 5-channel concrete tide box with automatic drainage gates, and the excavation of approximately 440 lf. of drainage canal, all situated in Drainage District No. 1 and Blind Slough Diking District in the northeastern part of Clatsop Co., Oregon.

Work Involves:

- (1) 1,360 c.y. levee embankment, in

- place;
- (2) 3,257 c.y. excav. for drainage canal;
- (3) 500 c.y. do for tide box;
- (4) 840 c.y. struc. excav. for tide box;
- (5) 640 c.y. backfill for tide box, in place;
- (6) 62 MFBM lumber in place;
- (7) 8.64 MFBM tongue and groove sheet piling, in place;
- (8) 2,300 lf. round piling, in place;
- (9) 186 c.y. reinf. conc., in place;
- (10) 5 square automatic drainage gates, in place;
- (11) 60 c.y. hand placed, grouted, riprap, in place;
- (12) 850 lf. driving of steel sheet piling;
- (13) 40 c.y. hand placed riprap, in place.
- Total bids follow:
- (A) Dolan Const. Co., Tillamook, \$16,641.10.
- (B) The Mirene Co., Portland, \$18,015.26.
- (C) The Makela Const. Co., Astoria, \$21,001.00.
- (D) Brookfield Co., Astoria, \$24,642.95.
- (E) Contracting Officer's est., \$18,037.14.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 30	\$ 40	\$ 50	\$ 40	\$ 42
(2).....	30	50	50	35	60
(3).....	50	40	100	100	.64
(4).....	1.00	7.50	4.75	4.00	1.88
(5).....	1.50	25	1.50	2.00	.59
(6).....	100.00	95.00	200.00	150.00	80.00
(7).....	100.00	110.00	200.00	150.00	124.75
(8).....	.75	40	.75	.80	.85
(9).....	45.00	26.00	43.00	60.00	41.00
(10).....	300.00	350.00	325.00	400.00	364.00
(11).....	5.00	3.75	6.00	12.00	5.80
(12).....	.30	40	.25	.70	.25
(13).....	4.00	3.25	4.00	4.00	4.25

BIDS OPENED

PORTLAND, Ore.—Columbia Contract Co., Portland, at \$3,103 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pottock Block, Portland, under Bid No. 698-39-48, for dredging approximately 17,070 c.y. for the channel in Willamette River at Jennings and Mel-drum bars, located 23.5 and 24.0 miles above the mouth.

Total bids follow:

Columbia Contract Co., Portland, \$29, total, \$3,103.

Ross Island Sand & Gravel Co., Portland, \$3,475; total, \$3,718.25.

Contracting officer's estimate, \$3,733; total, \$3,994.56. * 22

BIDS WANTED

DEL NORTE COUNTY, Cal.—Until September 6, 3 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 698-39-78, for furnishing about 53,400 tons of rock and constructing a rubble mound sand barrier in Crescent City Harbor extending from the shore at the foot of Josephine St. (about 500 feet southeasterly from the shore end of the Shell Co. Wharf), Crescent City, southwestward for a distance of about 2660 feet to Whaler Island, Del Norte County. Work involves:

- (1) 24,600 tons Class A rock;
- (2) 10,300 tons Class B rock;
- (3) 25,300 tons Class C rock.

Plans and specifications may be obtained from the above office. * 22

25—MACHINERY AND EQUIPMENT

BIDS WANTED

FRUITVALE, Kern Co., Cal.—Until Aug. 30, 7 P. M., bids will be received by the Fruitvale School Dis-

trict board of trustees for one 75-passenger Metropolitan type school bus. Chassis to be equipped with heat-treated frame, minimum front axle width of 73 inches and 9.00x20 tires, body to be Gillig De Luxe or equal. Bidder to show allowance on 1936 Studebaker bus. O. C. Lundquist, Clerk 25

BIDS OPENED

SEATTLE, Wash.—Phillips & Davies, Inc., at \$25,000 submitted low bid to the Board of Public Works, 509 County-City Bldg., Seattle, for furnishing two self-closing broomie sluice gates for Ruby Dam.

Hardie-Tynes Mfg. Co. submitted only other bid, which was irregular.

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 6561, Req. No. 4139, for one ½-yd., gasoline-powered, crawler-type shovel; f.o.b. Salinas, Calif.

Bids were:

Harnischfeger Sales Corp., S. F., \$6,048, disc. \$335. 30 days. Alt. \$6,499.
Harron Rickard & McCone Co., S. F., \$6,253.

Rix Co. Inc., S. F., \$6,985.
Spears Wells Machinery Co., Oakland, \$6,990, disc. \$100 10 days; Alt. \$5,939.

Northwest Engrg. Co., S. F., \$7,156.

Knox-Hale Machinery Co., S. F., \$6,810, \$150 20 days.

Edw. R. Bacon Co., S. F., \$7,590, 5% 30 days.

Fred E. Barnett Co., S. F., \$7,470.
Garfield & Co., S. F., \$6,694. Alt. \$7,448.50.

Norris K. Davis Inc., \$7,500; 3% 10 days; 2% 20 days.

A. L. Young Machy. Co., Inc., S.F., \$7,709. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-31, for rental of the following equipment with operating personnel on levee and misc. work at various places along the easterly bank of the Sacramento River near Birk's.

(1) Two RD No. 8, or equal, Caterpillar tractors, equipped with LeTourneau, or equal, double drum power units with operating personnel for 125 hours each.

(2) Two carryall scrapers, each of not less than 12 c.y. rated capacity for 15 days each.

(3) One sheepsfoot roller, LeTourneau No. 127, or equal for 15 days.

Bids were:

Hemstreet and Bell, Marysville, (1) \$600 per hour each; (2) \$15.00 per hour each, (3) \$5.00 per hour. Mobilization: (1) \$25 each, (2) \$20 each, (3) \$5.

Rock & Gravel Trucking Co., (1) \$5.75 each, (2) one at \$14 and one at \$18, (3) \$4.90. Mobilization (1) \$100, (2) \$30, (3) \$20.

Guerin Bros., San Francisco, (1) \$7.35 each, (2) \$20 each, (3) \$3. Mobilization (1) \$40, (2) \$10, (3) \$25.

BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 25, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-45, for rental of equipment with operating personnel for use on levee and misc. work along the easterly levee of Feather River in Reclamation District No. 10 north-

erly from Marysville, as follows:

(1) One RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit, and LeTourneau, or equal, bulldozer and LeTourneau scraper of 12 c.y. capacity with operating personnel for 200 hours use.

(2) One RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit and LeTourneau scraper of 12 c.y. rated capacity with operating personnel for 200 hours use.

(3) One roofer, LeTourneau Type S, or equal, for 25 days.

(4) One water truck without operator, equipped with water tank of not less than 1000 gal. capacity and with road sprinkling devices for 25 days.

(5) Mobilization and delivery of equipment for Items 1, 2, 3 and 4. Plans and specifications available from above office. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Van Velsir Trucking Co., at \$570 month each was awarded contract by U. S. Engineer, L. A. for rental of 2 truck and trailer units, Invt. 83.

Other bids were:

Teel Bros., 2% 10 days, (1) \$640 mo., (2) \$640 mo. each.

Van Velsir Trucking Co., 2% 10 days, (1) \$590 mo., (2) \$570 mo. each.

Cutler & McCarroll, 10% 10 days, (1) \$735 mo., (2) \$690 mo. each.

White Transportation Co., 1% 20 days, (1) \$600 mo., (2) \$650 mo. each.

V. B. Minnis, 1% 10 days, (1) \$590 mo., (2) \$590 mo. each. 25

BIDS WANTED

MARE ISLAND, Calif.—Until August 24, bids will be received by the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8818, for turbo alternators, condensers and auxiliaries for Puget Sound and Mare Island. Est. cost, \$175,000.

Plans and specifications available from above office. * 25

CONTRACTS AWARDED

SAN FRANCISCO.—C. G. Bliss, at 24c per mile each for five trucks, 2% 10 days, and Arrow U-Drive Inc., at 15c per mile for one truck, net, were awarded contracts by the U. S. Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 1022 Pheasant Bldg., under Bid No. 1323, for rental of dump trucks of at least 2½-ton, equipped with hydraulic-operated dump bodies of not less than 2½-cu. yds.; f.o.b. Glendora, Calif.

Total bids follow:

C. G. Bliss, 5 trucks at 24c per mile, 2% 10 days.

Arrow U-Drive Inc., 1 truck at 15c per mile, net.

Lerer Bros., 2 at 25c, net.

H. E. Springer, 2 at 25½c, 4% 10 days.

Portola Truck Service, 4 at 26½c, 3% 10 days.

Triangle Rock & Gravel Co., 8 at 35c, net. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-26, for the rental of one tractor and bulldozer with operating personnel on levee and misc. work at various places along the easterly bank of the Sacramento River between Colusa and Moulton Weir, Calif.

Bids taken on:

(1) Furnishing one RD No. 7, or equal, Caterpillar tractor equipped

with LeTourneau, or equal, double drum power unit and LeTourneau, or equal bulldozer with operating personnel for approximately 800 hours use.

(2) Mobilization and delivery of equipment to U. S. Engineers at Colusa.

Bids were:

Rock and Gravel Trucking Co., Oakland, (1) \$5.20 per hr., total \$4160, (2) no charge.

Lee A. Phillips, Brentwood, (1) \$6.47, total \$5176, (2) \$50.

Galen Smith, (1) \$4.40, total \$3520, (2) no charge.

Olympian Dredging Co., S. F., (1) \$7.75, total 6200, (2) \$50.

Guerin Bros., S. F., (1) \$7.25, total \$5800, (2) \$50.

Daniel Bayles, (1) \$6.75, \$5400, (2) \$50.

M. J. Ruddy, Modesto, (1) \$7.00, total \$5600, (2) \$75.

W. C. Watson, (1) \$7.65, total \$6120, (2) no charge.

Roberts Island Dredging and Improvement Co., Antloch, (1) \$6.00, total \$4800, (2) \$100.

Hemstreet and Bell, Marysville, (1) \$7.50, total \$6.00, (2) \$40.

Lord and Bishop, Sacramento, (1) \$6.50, total \$5200, (2) \$65.

Hass Doughty & Jones, S. F., (1) \$8, total \$6400, (2) \$100.

G. E. Murray, Modesto, (1) \$5.90, total \$4720, (2) \$25.

X. Carrithers, San Mateo, (1) \$6.23, total \$4984, (2) \$200.

J. P. Gordon, (1) \$7.75, total \$6200, (2) no charge.

C. A. Baker, Sacramento, (1) \$5.90, total \$4720, (2) \$70.

Bundesen & Lauritzen, Pittsburg,

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of 6-ft. to 7-ft. oil mixers for use in Orange county for a period of approx. 20 days, opened by the State Highway Dept., L. A., were:

Oswald Bros., 6-ft. Gardner 1935, \$9 hr.; standby charge, \$2.50 hr.

George Gardner & Sons, rebuilt 1937-one 1938 \$7 per hr. first five hrs.; \$5 per hr. balance of day; standby time, \$3 hr. 25

CONTRACTS AWARDED

FORT MASON, Calif.—Healy-Tibblits Const. Co., 1 Drumm St., San Francisco, at \$0.60 per hour (1), and M. G. Abbott, 1618 Polk St., at \$4.50 per hour (2), submitted low bids and were awarded contracts by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco under Bid No. QM-W-6616-39-4, for rental of equipment, as follows:

(1) Three 1½-ton 2-c.y. capacity, hydraulic-operated dump trucks for 180 hours each;

(2) One ½-c.y. crawler type power shovel for 180 hours use;

(3) One concrete mixer, gasoline engine-operated, trailer type, equipped with pneumatic tires, for 1000 hours use.

Equipment required for construction purposes at the Presidio of San Francisco. Bids were:

Healy-Tibblits Const. Co., 1 Drumm St., San Francisco: (1) \$60; net.

M. G. Abbott, 1618 Polk St., San Francisco, (2) \$4.50; net.

Portola Truck Service, (1) \$1.25; (2) \$5.95; (3) \$2.00; 2% 20 days.

H. E. Springer, (1) \$1.24; 3% 10 days.

Rock & Gravel Trucking Co., (1) \$1.75 (2) \$4.50; (3) \$2.10; net.

San Francisco Grading Co., (2) \$4.74; net.

Max Rosenberg, (1) \$2.62½; (2) \$8; 2% 10 days.

Arthur Wallgren, (1) \$1.24; net.

R. M. Taylor, (2) \$5.25; 1½% 10 da.

Norris K. Davis, Inc., (3) \$2.25; 3% 10 days.

Edward R. Bacon Co., (3) \$0.95; net.
All bids on item (3) were rejected.

BIDS OPENED

SAN FRANCISCO—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-64, for (1) rental of two tractors equipped with bulldozers and operators for 800 hours' use, per tractor hour; and (2) transfer of tractors from one site of work to another.

Bids were:
Wm. Hess, Weott, (1) \$3.60; (2) \$20.
John Burman, Eureka, (1) \$6.50; (2) \$30.00.

Helvig Const. Co., Sebastopol (1) \$5.22; (2) \$20.
Rock & Gravel Trucking Co., Oakland, (1) \$6.40; (2) \$30.

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-29, for rental of the following equipment for use on levee and misc. work along the easterly levee of Feather River in Reclamation District No. 10 northerly of Marysville:

- (1) RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit, and LeTourneau, or equal, bulldozer with operating personnel.
- (2) RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit with operating personnel.
- (3) Two carry-all scrapers, each of not less than 12 cu. yds. rated capacity.
- (4) One roofer, LeTourneau Type S or equal.
- (5) One water truck without operator and equipped with water tank of 1,001 gals. or more capacity and with road sprinkling devices.

Bids were:

C. A. Baker, Sacramento (1) \$5.00, (2) \$5.00, (3) \$30, (4) \$7.50, (5) \$12.50.
Mobilization: (1) \$40, (2) \$40, (3) \$40, (4) \$25, (5) \$10.
R. E. Stroethers, (1) \$7, (2) \$6.50, (4) \$65. Mobilization: no charge.
Hemstreet & Bell, Marysville, (1) \$7.50, (2) \$6, (3) \$16, (4) \$5, (5) \$10.
Mobilization: (1) \$20, (2) \$20, (3) \$20, (4) \$20, (5) \$5.

C. G. Willis & Sons Inc., L. A., (1) \$6.10, (2) \$6.10, (3) \$13.50, (4) \$3.
Mobilization: (1) \$100, (2) \$100, (3) \$100, (4) \$50

Daniel Bayles, (1) \$7.75, (2) \$7.00, (3) \$40, (4) \$8, (5) \$25. Mobilization: (1) \$75, (2) \$75, (3) \$75, (4) \$50, (5) \$20.

Rock and Gravel Trucking Co., Oakland, (1) \$7.95; (2) \$7.20, (3) \$62.40, (4) \$7.20, (5) \$15.20; Mobilization: no charge.

H. Sykes, Patterson, (5) \$9.50; mobilization: no charge.

N. M. Ball Sons, Berkeley, (5) \$19. Mobilization \$30.

Portola Truck Service, S. F., (5) \$10. Mobilization: no charge
Guerin Bros., S. F., (1) \$7.25, (2) \$7.10, (3) \$30, (4) \$7, (5) \$12. Mobilization: (1) \$40, (2) \$40 (3) \$30, (4) \$20, (5) \$10

BIDS OPENED

BOULDER CANYON PROJECT—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1102-D, for furnishing and delivering three trash cars for handling debris removed by traveling trashrack rakes from the trashracks at the headworks of the All-American and Gila Valley canals at the Imperial Dam, All-American

Canal system, Boulder Canyon Project, Arizona-California-Nevada; f. o. b. shipping point and/or Yuma, Ariz. Bids were:

John W. Beam, Denver, \$1,690, wt. 9,600, 1/2, f.o.b. Oakland.

Standard Steel Corp., Los Angeles, \$1,688, wt. 11,450, 2%, f.o.b. L. A.

Calif. Steel Products Co., San Francisco, \$1,470, wt. 7,350, 2%, f.o.b. S.F.

Pacific Car & Foundry Co., Seattle, \$1,400, wt. 7,850, net, f.o.b. Renton, Wash.

Berkeley Steel Constr. Co., Inc., Berkeley, \$2,225, wt. 11,000; 1/2%; f.o.b. Berkeley.

Hansell-Elcock Co., Chicago, \$2,200, wt. 8,175, 1/2%; f.o.b. Chicago.

Lake Shore Engine Works, Marquette, Mich., \$988, wt. 7,600; 1%, f.o.b. Marquette.

The Atlas Car & Mfg Co., Cleveland, \$1,325, wt. 8,300; net; f.o.b. Cleveland.

The Stearns-Roger Mfg. Co., Denver, \$1,447, wt. 8,800; net; f.o.b. Denver.

Smith Corp., d/b/a General Iron and Steel Works, Portland, \$1,836, wt. 10,200; net; f.o.b. Portland.

Lakeside Bridge & Steel Co., Milwaukee, \$1,790, wt. 9,200; net; f.o.b. Milwaukee.

BIDS OPENED

SANTA BARBARA CO., Calif.—Consumers Fuel Oil Co., 1200 West Valerio, Santa Barbara, at \$2.48 per Div. (1500-gal.) submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for the rental of one 1500-gal. (or more) water tank truck with fittings, etc., for use in Santa Barbara County.

S. Edmondson & Sons, Los Angeles, at \$2.49 (1500 gal.) and \$3.35 (2,500 gal.) submitted only other bid.

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 25, 10 o'clock P. M., bids will be received by U. S. Indian Irrig. Service, L. A., for 3 transformers, new and unused distribution type, 15 kva, single phase, 60 cycles, 2400/4160 Y to 240/120 volts, complete with oil and hangers; 3 same except 7 1/2 kva; f.o.b. Parker, Ariz. and/or bidder's shipping point. Invit 475.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for rental of equipment, as follows:

- (1) One or more truck shovels, capacity 4/10 cu. yds.
- (2) One or more 4 c.y. dump trucks;
- (3) One or more 3 c.y. dump trucks;
- (4) One or more 2 c.y. dump trucks;
- (5) One or more 1/2-ton expresses.

Above equipment for use through-out District X.

Bids were:
C. E. Huls, Merced, (1) \$3.95 per hr., moving time \$2.50; (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.55, (c) \$1.65; (5) \$1.25 per hr.

Portola Truck Service, San Francisco, (1) \$5.50, moving time \$2.50; (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.50, (c) \$1.65; (5) \$1.24 1/2.

The bid of C. T. Holt, Berkeley, was irregular.

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of one to four tractor loaders, 30 to 40 h.p. with 1/2 c.y. front or rear end loaders for use in Ventura County for approx. 60 week days, opened by the State Highway Dept., L. A., were:

Smith-Booth Usher Co.—International I-30 1938, \$4 per hour.

Vido Kovacevich-Case-Hough hydraulic tractor loader, 1938, \$3.40 per hour; subject to 12 days delivery from factory.

M. P. McCaffrey, Inc.—two McCaffrey tractor loaders cable type, 1938, \$3.90 per hour each; Hough hydraulic loader \$3.90 hour.

Ed Waters—two I-30 International-Hough 1938, \$3.50 per hour.

BIDS OPENED

LOS ANGELES, Calif.—Road Mix, Inc., submitted the only bid to the State Highway Dept., L. A., for the rental of motor grader with loader, Adams 1937; grader alone, \$4.70 per hour, for use in Ventura County for approx. 90 days.

BID OPENED

LOS ANGELES, Cal.—Lang Transportation Corp., at \$3.40 per hour each, submitted the only bid to the State Highway Dept., L. A. for the rental of one to eight Mack 1936 8-c.y. dump trucks.

BID OPENED

BERKELEY, Alameda Co., Calif.—Hail-Scott Motor Car Co., 2850 7th St., Berkeley, at \$1,420 submitted the only bid to the Berkeley City Council, Florence Turner, City Clerk, for furnishing one motor for air blower.

26—RAILROADS

CONTRACT AWARDED

BARSTOW, San Bernardino Co., Cal.—Morris-Knudsen Co., Title Guarantee Bldg., L. A., at \$130,000 has been awarded the contract by the Union Pacific Ry. for straightening the railway roadbed in Alton Canyon, near Barstow, damaged by the March flood. Work will start at once.

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco for furnishing misc. supplies and equipment for use on WPA projects: BID No. 5830—San Joaquin Brick Co. \$2.40; \$348; net; 145 cub. cement. BID No. 5824—Jenison Mchy. Co. \$75; net; tandem roller.

BIDS WANTED

SAN FRANCISCO—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

AUGUST 15, 10 A. M.:
BID No. 5899: 11,890 sq. ft. display board; fob Beach and Larkin Sts., San Francisco.

AUGUST 16, 10 A. M.:
BID No. 5894: White lead, Argentine, thinner, brushes; fob 2905 21st St., San Francisco.

AUGUST 18, 10 A. M.:
BID No. 5887: Rental of one tractor not less than 55-h.p., equipped with not less than 8-ft. angle dozer; fob Mills Fields, San Mateo County.

BIDS WANTED

SAN FRANCISCO—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

August 16, 10:00 A. M.
BID No. 5900—5040 l.f. ft. black steel pipe; f.o.b. 2905 21st St., S. F.

August 18, 10:00 A. M.
BID No. 5901—Thermostatic traps, steam traps, strainers; f.o.b. 2905

21st St., S. F.

August 19, 10:00 A. M.

BID No. 5885—Steel reinforcing bars, wire, spreaders; f.o.b. New Pala School, Santa Clara County.
 BID No. 5886—Steel reinforcing bars; f.o.b. Geneva Ave. & Rio Verde, S. F.

August 22, 10:00 A. M.

BID No. 5887—Rental of one 1½-ton flat bed truck; f.o.b. Monterey.
 BID No. 5902—Corrugated metal pipe culvert and band couplers; f.o.b. Bakersfield. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing miscellaneous materials and equipment for use on WPA projects.
 BID NO. 5833 (lumber): Rolando Lbr. Co.; 2% 30.

BID NO. 5837 (rental of two flat bed trucks): Lerer Bros., one truck, \$64 per month; 10%; Evans Auto & Truck Rental, one truck, \$56.85 net.

BID NO. 5843 (lumber): Diamond Match Co., \$346.15; 2% 30.
 BID NO. 5846 (cement): W. R. Spalding Lbr. Co., \$514.80; net.
 BID NO. 5847 (cement): O'Connor Bros., \$511; 2% 20.

BID NO. 5848 (cement): M. Vonson Co., \$696; 10c bbl. 10th pr.
 BID NO. 5849 (cement) W. R. Spalding Lbr. Co., \$298; net.

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows:
 August 13, 10:00 A. M.

BID No. 5888—Rental of two dump trucks not less than 3 c.y.; f.o.b. Havelock and Edna Sts., S. F.
 August 19, 10:00 A. M.
 BID No. 5879—51 cwt. steel channel and 500 sq. yd. expanded metal lath; f.o.b. Beach & Larkin Sts., S. F.

BID No. 5880—Douglas Fir and Redwood lumber; f.o.b. San Jose.
 BID No. 5881—Saws and handles; f.o.b. Bakersfield.

BID No. 5882—475 sks. plaster and 75 sks. lime; f.o.b. Oroville.
 BID No. 5883—6320 sq. ft. Douglas fir lumber; f.o.b. 2905 21st St., S. F.
 BID No. 5884—Closet bowls, seats and flush valves; f.o.b. 2905 21st St., S. F.

BID No. 5885—100 lbs. thallium sulphate; f.o.b. Bakersfield.

BID No. 5889—900 lf. corr. metal pipe culvert; f.o.b. Oroville.

BID No. 5890—1,000 yds. matting; f.o.b. 2905 21st St., S. F. * 27

BIDS WANTED

SAN FRANCISCO.—Until Aug. 22, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:
 BID NO. 5905; 60 lf. corrugated metal pipe culvert and 4 band couplers; fob La Honda Road, San Mateo County;
 BID NO. 5907; 1,000 sacks Portland cement; fob Larkin and Beach Sts., San Francisco. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for misc. materials and equipment for use on WPA projects:
 BID NO. 5899—(Display board) Fred C. Mohler Co. Inc., (1) \$0.6175; (2)

\$0.6175, 2% 20; and Van Arsdale-Harris Lbr. Co., (3) \$28 per M, 2% 20.

BID No. 5838—(Rental tractor, Santa Clara Co.): M. J. Patrick, \$28 per day net.

BID No. 5842—(Rental six horses & services of two teamsters, S. F. Airport): Frank Peterson, \$23 per day net. * 27

29—STREETS AND HIGHWAYS

BIDS WANTED

MARIPOSA CO., Calif.—Until Sept. 6, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surfacing on approximately 30,823 miles of Section A1, A2, and A3, of Route 5, Wawona Road-Glacier Point, Yosemite National Park, Calif.

- Work involves:
- (1) 30,823 miles fine grading sub-grade and shoulders;
 - (2) 2,600 M. gals. watering;
 - (3) lump sum—water plant or plants for project;
 - (4) 73,000 tons crushed rock base course;
 - (5) 710 tons applying government furnished cutback asphalt (Type MC-2) for prime coat;
 - (6) 1200 tons placing government furnished aggregate for armor coat;
 - (7) 85 tons applying Government furnished 90-95 liquid asphalt for armor coat;
 - (8) 32,800 tons Class F-2 open graded plant mixture;
 - (9) 2400 tons class F-2 choker aggregate;
 - (10) 2,450 tons Class F-2 cover aggregate;
 - (11) 1,415 tons hauling Government furnished 90-95 liquid asphalt for Class F-2 plant mixture;
 - (12) 545 tons applying Government furnished emulsified asphalt for Class F-2 seal;
 - (13) 59 tons applying Government furnished cutback asphalt (Type MC-2) for seal coat on gutters, shoulders and dikes;
 - (14) Force account one-way traffic control and sanding asphaltic material.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

BID CALL CANCELLED

LOS ANGELES CO., Calif.—The State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, cancelled the call for bids for constructing drainage structures and Portland cement concrete pavement on Ramona Blvd., near Los Angeles County Sheriffs Pistol Range, (VII-LA 26-D, Ath). Bids were called for August 25. Plans and specifications will be revised and readvertised. * 29

CONTRACT AWARDED

GRANT COUNTY, Oregon.—M. L. O'Neil, Eugene, at \$77,183.95 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing 2.196 miles John Dav-Burns Highway Reconstruction Grading Project 35-A5, National Forest Road Project, located within the Malheur National Forest, Grant County, Oregon. * 29

CONTRACT AWARDED

DOUGLAS COUNTY, Oregon.—A. Milne, 7253 N. E. Broadway, Portland, at \$29,710 awarded contract by the U. S. Bureau of Public Roads,

W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing approximately 3.880 miles (including wye to Diamond Lake Highway) of the Cascade Lake Highway, Surfacing Project 46-A3, B1, National Forest Road Project, located within the Umpqua National Forest, Douglas Co., Oregon.

BDS OPENED

PLUMAS CO., Calif.—Harms Bros., Vinton, at \$5,205.00 submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Dist. 11, Redding, about 1 mile to be surfaced with road-mix surfacing and a Class "A" seal coat applied between 0.3 miles north of Spanish Creek and Quincy (11-plu-21-c), Plumas County, Calif.

Total bids follow:
 Harms Bros., Vinton, \$5,205.00.
 Claude C. Wood, Lodi, \$5,425.00.
 Lee J. Immel, Berkeley, \$5,538.00.
 Hayward Bldg., Materials Co., Hayward, \$6,762.00. * 29

CONTRACT AWARDED

WALLOWA COUNTY, Oregon.—E. L. Gates, Crater Lake, Oregon, at \$75,200.70 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing approximately 0.996 mi. of Flora-Enterprise Highway, Grading Project 38C, National Forest Road project, located within Wallowa National Forest, Wallowa County, Oregon. * 29

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—H. J. Hagen, Globe Arizona, at \$55,893.50 awarded contract by the United States Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Phoenix, Ariz., for 2,594 mi. grading and placing heavy crushed rock or gravel base course on Section F of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino Co., Ariz. * 29

BIDS OPENED

TUCSON, Pima Co., Ariz.—White & Miller, P. O. Box 2350, Tucson, at \$124,818.68 submitted low bid and recommended for award (subject to P. W. A. approval) by the Tucson City Council, for improving the streets in the University Manor District Paving Improvement.

Total bids follow:
 White & Miller, Tucson, \$124,818.68
 Oswald Bros., Los Angeles, 128,246.07
 Tanner Const. Co., Phoenix 127,907.31
 Pearson & Dickerson, Prescott 130,476.58

BIDS OPENED

TUCSON, Pima Co., Ariz.—White & Miller, P. O. Box 2350, Tucson, at \$130,530.30 submitted low bid and was recommended for award (subject to PWA approval) by the Tucson City Council, for improving sts. in the Ninth and Tenth Streets District Paving Improvement.

Total bids follow:
 White and Miller, P. O. Box 2350, Tucson, \$130,530.30.
 Tanner Constr. Co., Phoenix, \$132,991.95.
 Oswald Bros., L.A., \$133,187.87.
 Pearson and Dickerson, Prescott, \$140,391.76 * 29

CONTRACT AWARDED

TUCSON, Pima Co., Ariz.—White & Miller, P. O. Box 2350, Tucson, at \$124,818.68 awarded contract by the Tucson City Council for improving the streets in the University Manor District Paving Improvement. * 29

CONTRACT AWARDED

TUCSON, Pima Co., Ariz.—White & Miller, P. O. Box 2350, Tucson, at \$130,530.30 awarded contract by the Tucson City Council for improving streets in the 9th and 10th Streets District Paving Improvement. 29

CONTRACT AWARDED

OKANOGAN COUNTY, Wash.—C. E. Oneal Co., Inc., Ellensburg, Wash, at \$34,837.20 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for the construction of approx. 1.074 mi of the Loup Loup Highway, Grading Washington Forest Highway Project 28C1-D1, located within the Che-lan National Forest, Okanogan Co., Wash. 29

BIDS WANTED

SACRAMENTO and Other Counties, Calif.—Until August 29, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 "B" St., Marysville, for about 663 miles of traffic stripe to be applied to the existing pavement at various locations in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada counties. 29

Work involves:

- (1) 75 miles traffic stripe spotting;
- (2) 625 miles 4-in. white traffic stripe painting;
- (3) 20 miles 3-inch white do;
- (4) 10 miles 3-inch black do;
- (5) 8 miles 3-inch orange do.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

NEVADA AND PLACER COS., Calif.—Until Sept. 7, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for seven separate portions of construction totaling about 0.9 miles in length consisting of 0.3 miles grading and applying road-mix surface treatment and construction of channel changes and rip-rap between Indian Springs and one mile east of Rainbow Tavern, Nevada and Placer Counties, Calif. 29

Work Involves:

- (1) Clearing and grubbing;
- (2) 100 M gals. water;
- (3) 5,000 c.y. roadway excav. without class;
- (4) 1,250 c.y. struc. excav.;
- (5) 11,500 c.y. ditch and channel excavation;
- (6) 1,700 c.y. import. borrow;
- (7) 57 c.y. remove conc. and rubble masonry;
- (8) 15 sta. finish roadway;
- (9) 750 c.y. salvage surf.;
- (10) 3,400 sq. yds. prepar. mix and shaping roadbed, road-mix surf. treatment;
- (11) 3.5 tons liq. asph. SC-2 prime coat;
- (12) 21 tons liq. asph. romc-3, 4, or 5 road-mix surf. treat.;
- (13) 13 c.y. sand prime coat;
- (14) 65 c.y. rubble masonry;
- (15) 996 c.y. riprap;
- (16) 22 l.f. 18-inch CMP.
- (17) 44 l.f. 24-inch CMP;
- (18) 84 l.f. 30-inch CMP;
- (19) 162 l.f. 60-inch CMP;
- (20) 12 each culv. markers;
- (21) 15 each remove and reset guide posts;
- (22) 250 l.f. remove and salvage guard railing;
- (23) 6 each monuments.

Plans and specifications may be obtained from the above office. 29

LOW BIDDER

MARICOPA AND YVAPAI COS., Ariz.—Oswald Bros., Phoenix, at \$91,656 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of the Phoenix-Prescott Highway FA 59 (4) (1939) AFE 8904. The work, which extends northerly about 1 1/2 miles from the San Domingo Wash bridge, consists of grading, draining, aggregate base course and oil processing (SC-4) and is to be completed on or before Jan. 15, 1939. 29

Complete bids will be published shortly. 29

BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—Until August 29, 8:00 P. M., bids will be received by the Redwood City City Council, B. E. Myers, City Clerk, for grading Nevada St. between Brewster Ave. and Hopkins Ave. and constructing combined cement concrete curbs and gutters. 29

Plans and specifications may be obtained from the above office.

BIDS AWARDED

MARIN CO., Calif.—Until August 29, 11:00 A. M. bids will be received by the Marin County Clerk, Court House, San Rafael, for the construction of portions of County Highway in Road District No. 2, Marin County, as follows: 29

- (a) Kent Avenue, Kentfield (County Road No. 242) for a distance of 0.6 miles;
- (b) Fairfax-Bollas Road (County Road No. 203-A) from Fairfax westerly 1.5 miles. To be surfaced with armor and seal coat.

Work involves:

- (1) 25 tons light oil, SC-1-A;
- (2) 70 tons heavy oil, SC-6;
- (3) 460 tons rock;
- (4) 220 tons screenings;
- (5) 125 tons birdseye rock.

Plans and specifications may be obtained from the County Surveyor's office, Court House, San Rafael, Cal. 29

LOW BIDDER

COCHISE COUNTY, Ariz.—Phoenix-Tempe Stone Co., Phoenix, at \$80,969 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction on the Ft. Huachuca-Bisbee Highway FA 133-C (1) (1939) AFE 9205. The work, which extends from the town of Don Luis southwesterly 4 1/2 miles, consists of grading, draining, aggregate base course and cutback road mix and is to be completed on or before Jan. 15, 1939. 29

Complete bids will be published shortly. 29

CONTRACT AWARDED

BURLINGAME, San Mateo Co., Calif.—Pacific States Construction Company, 708 Call Bldg., S. F., at \$13,894.75 submitted low bid and was awarded contract by the Burlingame City Council, City Clerk, City Hall, for paving Howard Avenue between California Drive and El Camino Real. 29

Total bids follow:

Pacific States Constr Co., 708 Call Bldg., S. F., \$13,894.75.
Union Paving Company, S. F., \$16,149.70.
The Fay Improvement Co., S. F., \$17,911.19.
Chas. L. Harney, S. F., \$20,757.90. 29

CONTRACT AWARDED

SAN MATEO, Calif.—L. C. Smith, 235 Third Avenue, San Mateo, at \$897.62 submitted low bid and was awarded contract by the San Mateo City Council, W. D. Soule, City Manager, City Hall, San Mateo, for grad-

ing and constructing curbs, gutters, sidewalks and asphaltic concrete wearing surface on NW corner of San Mateo Drive and Second Ave. 29

Work involves:

- (1) 75 c.y. grading, unclassified;
- (2) 25 c.y. concrete curb and gutters and 6-inch concrete base pavement;
- (3) 875 sq ft. concrete sidewalk;
- (4) 40 tons asphaltic concrete pavement.

Total bids follow:

L. C. Smith, 235 Third Ave., San Mateo, (1) \$1,76, (2) \$15.25, (3) \$0.165, (4) \$6; total \$897.62.
Union Paving Co., San Francisco, (1) \$1.75, (2) \$16, (3) \$0.21, (4) \$7; total \$995. 29

LOW BIDDER

PHOENIX, Maricopa Co., Ariz.—Daley Corp., 4430 Boundary Street, San Diego, at \$10,502 submitted low bid to the Phoenix City Commission for the improvement of portions of Garfield and McKinley Streets, involving asphaltic pavement and other incidental items. 29

Three low bids follow:

Daley Corp., 4430 Boundary St., San Diego, \$10,502.00.
Arizona Sand and Rock Co., \$10,544.00.

W. E. Hall Company, \$10,649.00.

Complete bids will be published shortly. 29

CONTRACT AWARDED

SAN FRANCISCO.—M. J. Lynch, 1435 Church Street, at \$12,878.40 awarded contract by the S. F. Dept. of Public Works, Rm. 251, City Hall, under Spec. No. 19121, for widening and reconstructing Polk Street between Market and Grove Streets, San Francisco. 29

BIDS WANTED

HUMBOLDT CO., Cal.—Until September 7, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.4 mile grading and surfacing with road-mix surfacing between Benbow and one mile north of Dean Creek, Humboldt Co. 29

Work involves:

- (1) Clear and grub;
- (2) 710 M. gals. water;
- (3) 108,840 c.y. rdwy. excav., unclass.
- (4) 68,000 sta. yds. overhaul;
- (5) 1,265 c.y. struc. excav.;
- (6) 310 c.y. ditch and channel excavation;
- (7) 70,020 c.y. imported borrow;
- (8) 11,745 c.y. rock filling material;
- (9) 19 sta. finish rdwy.;
- (10) 16 tons liq. asph. SC-1A prime coat;
- (11) 720 c.y. min. agg., road mix surf.;
- (12) 51 tons liq. asph. SC-4 road mix surf.;
- (13) 8 tons asph. emulsion seal coat;
- (14) 60 c.y. screenings, seal coat;
- (15) 18 c.y. sand, seal coat;
- (16) 780 lbs. bar reinf. steel;
- (17) 10 c.y. Class A Portland cement conc. struc.;
- (18) 205 c.y. sacked conc. riprap;
- (19) 646 l.f. 8-in. CMP;
- (20) 180 l.f. 18-in. CMP;
- (21) 146 l.f. 24-in. CMP;
- (22) 1,150 l.f. 8-in. perf. metal pipe underdrains;
- (23) 80 l.f. remove, clean and salvage existing pipe culverts;
- (24) 1 each frame and grating for drop inlet;
- (25) 3 each spillway assemblies;
- (26) 1,415 l.f. laminated guard rail;
- (27) 6 each culvert markers;
- (28) 26 each guide posts.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

SONOMA CO., Calif.—Until September 7, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile grading applying road-mix surface treatment and installing culverts bet. Boiler Gulch and Miller Creek, Sonoma Co.

- Work involves:
- (1) 760 M. gals. water;
 - (2) 50,000 c.y. rdwy. excav., unclass.
 - (3) 1,700 c.y. struc. excav.;
 - (4) 44 sta. finish rdwy.;
 - (5) 32 c.y. light riprap;
 - (6) 56 tons liq. asph. SC-3;
 - (7) 9,700 sq. yds. prepare, mix and shape roadbed;
 - (8) 214 lf. 54-in. CMP 8-gauge;
 - (9) 110 lf. 90-in. multiplate CMP 58-17;
 - (10) 246 lf. 90-in. do, 53-11;
 - (11) 74 lf. 105-in. do, 610-18;
 - (12) 98 lf. 120-in. do, 75-13;
 - (13) 152 lf. 135-in. do, 87-15;
 - (14) 1 lot remove and dispose of the existing timber bridges.

The State will furnish CMP and back couplers except multiplate pipe. Plans and specifications may be obtained from the above office.

29

BIDS WANTED

CONTRA COSTA CO., Calif.—Until Sept. 7, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of two undergrade crossings under the tracks of the Sacramento Northern Railway and under a County Road at Ohmer Station and about 0.15 miles roadway to be paved with Portland cement concrete, Contra Costa Co., Calif.

- Work involves:
- (1) 1 lot shoofly trestle removed;
 - (2) 15 c.y. concrete removed;
 - (3) 30 M gals. water;
 - (4) 3,400 c.y. struc. excav.;
 - (5) 1,400 c.y. selected material;
 - (6) 1,800 sq. yds. preparing subgrade;
 - (7) 8 sta. finish roadway;
 - (8) 2 tons liq. asph. SC-1A shoulders;
 - (9) 1 ton liq. asph. SC-2 shoulders;
 - (10) 8 tons screenings shoulders;
 - (11) 350 c.y. class B Port. cement concrete pave.;
 - (12) 720 each pave dowels;
 - (13) 94,000 lbs. bar reinf. steel;
 - (14) 640 c.y. class A Port. cement concrete structs.;
 - (15) 8.5 c.y. class A Port. cement concrete railing;
 - (16) 90,000 lbs. struc. steel;
 - (17) 1,800 lbs. cast steel;
 - (18) 15,070 lbs. ballast plate;
 - (19) 3 M ft. board measure treated douglas fir timber;
 - (20) 70 lf. 8-inch CMP;
 - (21) 172 lf. 10-inch CMP;
 - (22) 540 lf. 12-inch CMP;
 - (23) 86 lf. 15-inch CMP;
 - (24) 82 lf. 18-inch CMP;
 - (25) 828 lf. 30-inch CMP;
 - (26) 36 lf. 8-inch perf. metal pipe;
 - (27) 4 c.y. rock filling material;
 - (28) 195 c.y. class A Port. cement concrete curbs, gutters and sidewalk;
 - (29) 3 c.y. protective covering;
 - (30) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

BIDS WANTED

NAVAJO CO., Ariz.—Until Sept. 8, 10:00 A. M. bids will be received by the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, Ariz., for grading about 3.175 miles, Section B of Route 17, the Snowflake-Pinetop National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz.

Work involves:

- (1) 14.5 acres clearing;
- (2) 15 acres grubbing;
- (3) 19,100 c.y. unclass. excav.;
- (4) 250 c.y. unclass. excav. for structures;
- (5) 35,400 c.y. unclass. excavation for borrow;
- (6) 12,000 sta. yds. overhaul;
- (7) 95,000 cu. y. mile borrow haul;
- (8) 15 c.y. foundation fill;
- (9) 2,000 lf. furrow ditches;
- (10) 194 c.y. Class "A" concrete;
- (11) 23,300 lbs. reinforcing steel;
- (12) 23 c.y. cement rubble masonry;
- (13) 514 lf. corr. galv. sheet metal pipe;
- (14) 64 lf. remove, clean and relay existing CM pipe;
- (15) 1 each type 4 drop inlets;
- (16) 1 pair cast steel frames and gratings;
- (17) 22 each right of way monuments;
- (18) 1 each cattle guards—2 unit;
- (19) 7,125 lf. barbed wire fence;
- (20) 1,160 lf. special fence;
- (21) 16 each Type 1 gates;
- (22) 15 each culvert markers.

Plans and specifications may be obtained from the above office and from the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00.

• 29

BIDS WANTED

SACRAMENTO, Cal.—Until August 29, 5 P. M., bids will be received by the Board of Education of the Sacramento City Unified School District, School Administration Building, 21st and L Streets, Sacramento, for laying approximately 45,000 feet 3-inch cementing road rock with a one-inch armor coat wearing surfacing parking area at the Junior College, and approximately 26,000 feet of the same at the McClatchy High School, Sacramento.

Plans and specifications may be obtained from the above office.

August 18, 1938

BIDS OPENED

MENDOCINO CO., Cal.—Johnston Rock Co., Inc., Webster Ave. and "E" St., Stockton at \$153,854.80 submitted low bid to State Div. of Highways, C. H. Purcell, State Highway Engineer Public Works Bldg., Sacramento, for about .63 miles grading, applying penetration oil treatment, and constructing a reinforced concrete bridge between Navarro and Maple Creek, Mendocino County.

- Work involves:
- (1) 44 acres clear and grub;
 - (2) 3730 M. gals. water;
 - (3) 111,400 c.y. rdwy. excav., unclassified;
 - (4) 434,000 sta. yds. overhaul;
 - (5) 6,970 c.y. struc. excav.;
 - (6) 3,500 c.y. channel excav.;
 - (7) 450 c.y. trench excav.;
 - (8) 56,000 c.y. imported borrow;
 - (9) 331 sta. finishing rdwy.;
 - (10) 226 tons liq. asph. SC-2 (penetration oil treatment);
 - (11) 927 c.y. Portland cement conc. structures;
 - (12) 152,250 lbs. reinf. steel;
 - (13) 320 lbs. bronze expansion plates
 - (14) 3,340 FEM redwood timber, all heart struc. grade;
 - (15) 13 MF8M do, select all heart; struc. grade;
 - (16) 710 lf. timber railing;
 - (17) 1,434 lf. furnishing steel pile, including test piles;
 - (18) 38 each driving steel piles;
 - (19) 3 each bridge deck drains;
 - (20) 606 lf. 8-inch CMP;
 - (21) 124 lf. 12-inch CMP;
 - (22) 3,650 lf. 16-inch CMP;
 - (23) 344 lf. 24-inch CMP;
 - (24) 286 lf. 30-inch CMP;
 - (25) 106 lf. 36-inch CMP;
 - (26) 138 lf. 48-inch CMP;
 - (27) 72 lf. 54-inch CMP;

- (28) 48 lf. 60-inch CMP;
- (29) 164 lf. 60-inch CMP 8 gauge;
- (30) 152 lf. 66-inch CMP;
- (31) 156 lf. 72-inch CMP;
- (32) 2610 lf. 8-inch perforated pipe underdrains;
- (33) 640 c.y. rock filling material;
- (34) 3320 c.y. gravel;
- (35) 295 lf. removing and salvaging pipe culvert;
- (36) 50 each spillway assemblies;
- (37) 9 each frames and gratings for drop inlets;
- (38) 181 culvert markers;
- (39) 46 each guide posts;
- (40) 8.2 miles new property fence;
- (41) 28 each drive gates;
- (42) 5 each walk gates;
- (43) 0.15 mile removing, resetting the existing fence;
- (44) 188 each monuments;
- (45) lump sum, removing, disposing of existing bridge;
- (46) 1 lot misc. items of work.

Total bids follow:
(A) Johnston Rock Co., Inc., Webster Ave. and E St., Stockton, \$153,854.80.

(B) Claude C. Wood, Lodi, \$166,184.95.

(C) Hemstreet & Bell, Marysville, \$176,184.85.

(D) N. M. Ball Sons, Albany, \$178,865.70.

(E) Guerin Brothers, San Francisco, \$191,658.75.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)
(1) \$200.00	\$200.00	\$110.00	\$400.00	\$135.00
(2) 1.25	1.00	1.50	.50	1.50
(3) .26	.25	.22	.32	.32
(4) .01	.005	.005	.004	.005
(5) 1.00	1.00	1.50	1.60	1.40
(6) .40	.60	.50	.70	.40
(7) .65	1.00	1.00	1.00	1.50
(8) .40	.65	.85	.60	.80
(9) 5.00	5.00	5.00	3.00	7.00
(10) 14.00	17.50	20.00	11.00	14.00
(11) 23.00	27.00	22.00	23.00	26.00
(12) .05	.0529	.05	.044	.055
(13) .75	.50	.50	.50	.85
(14) 100.00	90.00	100.00	120.00	100.00
(15) 115.00	90.00	90.00	120.00	100.00
(16) 1.15	1.50	2.00	1.00	2.50
(17) 2.00	2.00	2.00	1.90	2.50
(18) 55.00	35.00	75.00	70.00	100.00
(19) 40.00	15.00	20.00	20.00	18.00
(20) 1.20	1.00	1.05	1.00	1.20
(21) 1.40	1.25	1.40	1.20	1.45
(22) 1.75	1.75	1.90	1.95	2.00
(23) 2.50	2.60	3.00	2.75	2.90
(24) 3.00	3.40	3.70	3.50	3.50
(25) 4.75	5.20	5.50	5.20	5.25
(26) 7.00	7.20	7.65	7.60	7.50
(27) 8.00	8.70	9.25	9.50	8.00
(28) 10.50	11.90	12.40	12.50	10.85
(29) 13.00	14.50	15.00	14.50	15.60
(30) 12.00	13.50	14.30	13.70	14.50
(31) 14.00	15.50	16.00	15.20	16.10
(32) 1.05	1.00	1.00	1.20	1.10
(33) 2.00	1.50	2.50	2.00	1.50
(34) 1.50	1.00	1.00	.90	1.00
(35) 1.00	1.00	1.00	.75	1.00
(36) 20.00	15.00	15.00	13.00	15.00
(37) 65.00	50.00	60.00	50.00	54.00
(38) 3.00	2.00	2.20	2.00	1.50
(39) 3.00	2.00	2.20	2.00	1.50
(40) 450.00	500.00	650.00	535.00	733.00
(41) 20.00	20.00	25.00	22.00	15.00
(42) 10.00	14.00	10.00	15.00	5.00
(43) 150.00	500.00	600.00	400.00	600.00
(44) 3.00	3.00	3.00	2.00	3.00
(45) 1000.00	1000.00	1000.00	700.00	1000.00
(46) 500.00	600.00	300.00	500.00	450.00

29

August 18, 1938

BIDS OPENED

MARIPOSA CO., Calif.—Mitty Bros. Construction Co., 5531 Downey Road, Los Angeles, at \$509,744.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for 12.4 miles grading and surfacing with mixture surfacing materials and untreated crushed gravel or stone between Ericburg and El Portal, Mariposa County, Cal.

Work involves:

- (1) 657 sta. clearing and grubbing;
- (2) 5,650 M gal. water;
- (3) 222,630 cu. yds. roadway excav. unclass.
- (4) 17,327 cu. yds. structure excav.
- (5) 3,000 cu. yds. ditch excav.
- (6) 7,500 cu. yds. channel excav.
- (7) 33,580 cu. yds. trench excav.;
- (8) 12,900,000 sta. yds. overhaul;
- (9) 93,740 cu. yds. rock embankment;
- (10) 70 cu. yds. removing concrete and rubble masonry.
- (11) 657 sta. finishing roadway;
- (12) 18,750 tons untreated crushed gravel or stone;
- (13) 616 sta. reworking existing surface;
- (14) 275 tons liquid asphalt SC-1A (penetration).
- (15) 1050 tons screenings (penetration).
- (16) 325 cu. yds. Class "A" Portland cement concrete structures;
- (17) 30,000 lbs. bar reinforcing steel;
- (18) 9,400 cu. yds. rubble masonry;
- (19) 330 cu. yds. dry rubble;
- (20) 950 lin. ft. masonry parapet;
- (21) 900 cu. yds. light riprap;
- (22) 942 lin. ft. 18-inch CMP;
- (23) 1960 lin. ft. 24-inch CMP;
- (24) 54 lin. ft. 30-inch CMP;
- (25) 2826 lin. ft. removing, cleaning and relaying existing CMP;
- (26) 75 lin. ft. removing, cleaning and salvaging existing CMP;
- (27) 875 lin. ft. cable guard railing;
- (28) 300 each culvert markers and guide posts;
- (29) 65 each monuments;
- (30) 35,000 miles traffic control car.

Total bids follow:

- (A) Mitty Bros. Constr. Co., 5531 Downey Road, L. A., \$509,744.25.
- (B) Granfield Farrar and Carlin, San Francisco, \$538,642.50.
- (C) United Concrete Pipe Corp., L.A., \$669,827.76.
- (D) Geo. Pollock Co., Sacramento, \$707,840.00.
- (E) J. E. Haddock Ltd., Pasadena, \$925,719.30.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	5.00	10.00	20.00	10.00	12.75
(2) .....	.50	.40	1.00	.75	1.50
(3) .....	.875	.83	.84	1.10	1.25
(4)	1.50	1.70	2.82	2.00	4.50
(5)	1.00	1.50	1.50	2.50	2.25
(6)	1.00	1.25	1.00	1.20	3.10
(7) .....	.90	1.50	2.82	3.00	3.70
(8) .....	.003	.0055	.003	.005	.006
(9) .....	.30	.30	.44	.50	.65
(10)	10.00	5.00	5.00	4.00	5.00
(11)	8.00	8.00	10.00	5.00	10.00
(12)	2.00	1.25	2.20	1.00	3.00
(13)	10.00	10.00	15.00	10.00	25.00
(14)	12.00	15.00	20.00	16.00	18.00
(15)	3.00	4.00	5.00	4.00	3.90
(16)	22.00	20.00	27.00	30.00	28.00
(17) .....	.06	.06	.06	.06	.065
(18)	9.00	8.00	12.40	12.00	14.60
(19)	8.00	6.00	8.00	10.00	7.90
(20)	2.00	2.00	3.00	2.00	1.40
(21)	3.00	4.00	6.00	2.00	6.50
(22)	2.00	2.00	3.00	2.50	1.95
(23)	2.80	3.00	4.00	3.25	2.20
(24)	4.00	3.50	6.00	4.00	3.50
(25)	1.00	.75	1.50	1.25	.90
(26)	1.00	.75	1.50	1.00	.60
(27)	2.00	1.75	2.00	2.00	2.35
(28)	2.50	3.00	4.00	3.00	2.70
(29)	4.00	3.00	4.00	4.00	3.00
(30) .....	.10	.20	.06	.12	.10

BIDS OPENED

SAN FRANCISCO—Piombo Bros. & Co., 1571 Turk St., San Francisco, at \$490, submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, for removing sand on roadway and sidewalk area of Kirkham Street between 17th and 39th Avenues. Est. cost \$990.

Total bids follow:

- Piombos Bros. & Co., 1571 Turk St., S. F., \$490.00.

Max Rosenberg, \$580.00.
Eaton and Smith, \$580.00.
West Construction Co., \$930.00.
Chas. L. Harney, \$940.00.

* 29

August 18, 1938

BIDS OPENED

SAN FRANCISCO—Piombo Bros. & Co., 1571 Turk Street, San Francisco, at \$394 submitted low bid to the S. F. Dept. of Public Works, Rm. 251, City Hall, for removal of slide materials on Mangels Ave. between Genessee and Foerster Sts. Est. cost \$850.

Piombos Bros. & Co., 1571 Turk St., S. F., \$394.00.
M. J. Lynch, \$560.00.
Max Rosenberg, \$665.00.
Eaton and Smith, \$630.00.
Sibley Grading and Teaming Co., \$639.00.
West Construction Co., \$673.00.
Chas. L. Harney, \$687.00.
Geo. Gibbs, \$790.00.

* 29

August 18, 1938

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., S. F., at \$550.50 submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, for construction of four sideswears in Anza St. between 47th and 48th Aves. Est. cost \$756.50.

Total bids follow:
E. J. Treacy, 430 Call Bldg., S. F., \$550.50.
M. J. Lynch, \$467.00.
Chas. L. Harney, \$62.00.
C. B. Panacel, \$695.60.
West Constr. Co., \$723.56.
Mills Constr. Co., \$748.50.
Eaton and Smith, \$901.50.
The Fay Improvement Co., \$999.25.

* 29

BIDS OPENED

STATE OF WASHINGTON—Bids were received and contracts awarded by the State of Washington Director of Highways, L. V. Murrow, Olympia, for bridge and highway construction, as follows:

KING CO.—Paving with Portland cement concrete constructing a reinforced concrete rigid frame bridge with reinforced concrete approach spans and on about 0.1 miles of Primary State Highway No. 2, Cedar River Bridge and Approaches in Renton, Federal Aid Projects Nos 24 (4) and 109 (2), in King County, Washington, involving about 1,920 cu. yds. of excavation, 2,341 square yards of cement concrete pavement, 1,356 cu. yds. of concrete, 257,000 pounds of steel reinforcing bars, 13,400 pounds of cast steel, 400 pounds of cast chromium steel, 4,410 linear feet of steel piling, 64 M. B. M. of untreated timber piling, 2,710 linear feet of untreated timber piling, 180 linear feet of pipe culverts and other items.

Low bidder: West Coast Construction Co., 1019 Lloyd Bldg., Seattle, \$106,557, bids rejected.
Other bidders: H. F. Steffensen, Seattle, \$107,758; C. L. Creelman, Seattle, \$113,667.

CLARK CO.—Clearing, grading, draining and constructing asphaltic concrete pavement Type I, on about 2.0 miles of Secondary State Highway No. 1-T, Vancouver to Vancouver Lake, Federal Aid Secondary Project No. F. A. S. 35-A (1), in Clark County, Washington, involving about 3,520 cu. yds. of excavation, 1,300 cubic yards of selected roadway borrow, 4,455 tons of asphaltic concrete Type I-1, 720 linear feet of pipe culverts and other items.

Low bidder: United Contracting Co., 311 Stock Exchange Bldg., Portland, \$33,969.

Other bidders: Klinefline, Varn and

Johnson, Vancouver, Wash., \$34,154; Warren Northwest Inc., Portland, \$35,883; Washington Asphalt Co., Seattle, \$38,365.

GRAYS HARBOR CO.—Clearing, grading, drainage, surfacing and constructing a treated pile and timber trestle on about 3.0 miles of Secondary State Highway No. 9-C, Pacific Beach East, Federal Aid Secondary Project No. FAS 25-A (1), in Grays Harbor County, Washington, involving about 18 acres of clearing, 53,750 cu. yds. of excavation, 20,270 cu. yds. of selected roadway borrow, 4,870 cu. yds. of crushed stone surfacing, 64 M. B. M. of crosots treated and 5 M. B. M. of zinc chloride treated timber and lumber, 1,650 lin. ft. of treated timber piling, 996 linear feet of pipe culverts and other items.

Low bidder: K. L. Goulter, 212 W. Hudson, Seattle, \$85,461.

Other bidders: L. Coluccio, Seattle, \$88,127; Grays Harbor Construction Co., Aberdeen, \$9,248.

WHITMAN CO.—Clearing, grading, draining, surfacing, manufacturing stockpiling crushed stone and mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 8.5 miles of Primary State Highway No. 3, Palouse to Garfield, U. S. Public Wks. Project No. Wash. 1399-F, in Whitman County, Washington, involving about 188,265 cubic yards of excavation, 10,390 cubic yards of crushed stone surfacing, 1,760 cubic yards of mineral aggregate (oil rock), 206 tons of bituminous cement, 195 cubic yards of concrete, 32,520 pounds of steel reinforcing bars, 14,509 linear feet of cable guard rail design No. 6, 1.2 MBM of treated timber and lumber, 2,164 linear feet of pipe culverts and other items.

Awarded: Clifton and Applegate, Huxton Bldg., Spokane, \$173,900.
Other bidders: Max J. Kuney Co., Spokane, \$181,661; Roy L. Bair, Spokane, \$182,472; Erickson Paving Co., Seattle, \$194,731; Siems Spokane Co., Spokane, \$208,438.

KING and SNOHOMISH COS.—Paving with Portland cement concrete on about 3.0 miles of Secondary State Highway No. 2-B, Lake Forest Park to Junction of Primary State Highway No. 1, U. S. Public Works Project No. Wash. 1301-F, in King and Snohomish Counties, Washington, involving about 2,900 cubic yards of excavation, 6,590 cubic yards of selected roadway borrow, 32,846 sq. yds. of Portland cement concrete pavement, 13,900 pounds of pavement reinforcing, 276 linear feet of pipe culverts and other items.

Awarded: Northwest Construction Co., 3950 6th N. W. Seattle, \$75,712.

Other bidders: Nick Florito Inc., Seattle, \$75,652; Erickson Paving Co., Seattle, \$76,768; Florito Bros. Inc., Seattle, \$77,419; L. J. Dowell Inc., Seattle, \$85,239; J. B. Covello, Seattle, \$88,708.

KICKITAT CO.—Clearing, grading, draining and surfacing of about 2.1 miles of Secondary State Highway No. 8-D, Husum Vicinity, U. S. Public Works Project No. Wash. 1463-F, in Klickitat County, Washington, involving about 14 acres of clearing, 45,000 cubic yards of excavation, 6,830 cubic yards of crushed stone surfacing, 966 linear feet of pipe culverts and other items.

Awarded: Guy J. Norris, American Bank Bldg., Seattle, \$29,056.

Other bidders: J. C. Papin, Carson, \$30,257; Halleran Bros., Seattle, \$32,924; Klinefline, Varn and Johnson, Vancouver, \$33,532; Homer Johnson, Portland, \$33,705; Graham Bros. and Medley, Chehalis, \$37,623; E. C. Hall, Eugene, Ore., \$40,640.

GRANT CO.—Constructing a light bituminous surface treatment on

about 47.6 miles of Primary State Highway No. 18, Burke to Adams County Line, State Project, in Grant County, Washington, involving about 1,438 tons of bituminous cement and other items.

Awarded: Standard Asphalt Paving Co., Chronicle Bldg., Spokane, \$38,962.

Other bidders: Norris Bros., Burlington, \$42,263; Babler Bros., Portland, \$42,899; Diesel Oil Sales Co., Seattle, \$45,781; J. F. Forbes, Olympia, \$48,102; McAtee Inc., Spokane, \$48,102; Washington Asphalt Co., Seattle, \$49,249; Charles A. Power, Spokane, \$49,811; R. O. Dall and Warren Bros., Portland, \$56,816.

ADAMS CO.—Constructing a light bituminous surface treatment on about 28.5 miles of Primary State Highway No. 18, Grant County Line to Ritzville and Secondary State Highway No. 4-B Connection, State Project, in Adams County, Washington, involving about 900 tons of bituminous cement and other items.

Awarded: Norris Bros., Burlington, \$26,410.

Other bidders: Diesel Oil Sales Co., Seattle, \$27,600; Standard Asphalt Paving Co., Spokane, \$27,120; F. E. Hewett, Spokane, \$28,322; McAtee Inc., Spokane, \$31,757; J. F. Forbes, Olympia, Wash., \$32,097; Washington Asphalt Co., Seattle, \$32,262; R. O. Dall and Warren Bros., Portland, \$34,042. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 19, 12 Noon, (time extended from Sept. 15), bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for construction of earthfill dam on the Santa Ana River at Prado Dam site, Riverside Co., under Bid No. 509-39-90.

Plans and specifications may be obtained from the above office after Aug. 20 upon deposit of \$25.00.

Detailed quantities were published Aug. 15. * 30

August 18, 1938

BIDS WANTED

MONTECITO, Calif.—Until Aug. 31, 9 A. M., bids will be received by the Montecito County Water District, 583 San Ysidro Rd., Montecito, for the construction of four service reservoirs, as follows:

- Unit No. 1: Hot Springs Reservoir.
- Unit No. 2: Buena Vista Reservoir.
- Unit No. 3: Harnish Reservoir.
- Unit No. 4: Baring Reservoir.

Plans and specifications may be obtained from the above office upon deposit of \$15 per set, returnable. Certified check or cashier's check or bid bond for 10% must accompany each proposal. Carl Wyant, chief engineer and general manager. The approx. quantities are:

- UNIT No. 1: Hot Springs Reservoir, 80 ft. diam., 23 ft. high, circular reinf. conc., 850,000 gals. capacity.
 - (a) 2,171 c.y. excav.;
 - (b) 30 tons reinf. steel;
 - (c) 7,600 sq. ft. wire mesh reinf.;
 - (d) 222 c.y. class A conc.;
 - (e) 159 c.y. class B conc.;
 - (f) 12,400 sq. ft. form surface;
 - (g) 11,500 bd. ft. rf. lbr.;
 - (h) Misc. pipe, fittings, etc.

- UNIT No. 2: Buena Vista Reservoir, 80 ft. diam., 23 ft. high, circular reinf. conc., 850,000 gals. capacity.
 - (a) 3,068 c.y. excav.;
 - (b) 30 tons reinf. steel;
 - (c) 7,600 sq. ft. wire mesh reinf.;
 - (d) 222 c.y. class B conc.;
 - (e) 159 c.y. class B conc.;
 - (f) 12,400 sq. ft. form surface;
 - (g) 11,500 bd. ft. roof. lbr.;
 - (h) Misc. pipe, fittings, etc.

UNIT No. 3: Harnish Reservoir,

- 80 ft. diam., 23 ft. high, circular reinf. conc., 850,000 gals. capacity.
 - (a) 5,278 c.y. excav.;
 - (b) 30 tons reinf. steel;
 - (c) 7,600 sq. ft. wire mesh reinf.;
 - (d) 222 c.y. class A conc.;
 - (e) 159 c.y. class B conc.;
 - (f) 12,400 sq. ft. form surface;
 - (g) 11,500 bd. ft. roof. lbr.;
 - (h) Misc. pipe, fittings, etc.

UNIT No. 4: Baring Reservoir, a dirt reservoir with Gunite lining and conc. flr., about 1,000,000 gals capacity.

- (a) 1,200 lf. of graded road;
- (b) 5,300 c.y. excav.;
- (c) 1,660 c.y. fill;
- (d) 150 c.y. class A conc.;
- (e) 15,500 sq. ft. 2-in. Gunite lining;
- (f) 350 lbs. reinf. steel;
- (g) 23,000 sq. ft. wire reinf. mesh;
- (h) 35,000 bd. ft. roof. lbr.;
- (i) Misc. pipe, copper water stops, roofing paper, etc.

Note: The district will furnish valves.

A lump sum bid will be submitted on each of the four units. * 30

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 15, 12 M., bids will be received by Major Theodore Wyman, Jr., U. S. Engineer, 751 S. Figueroa St., Los Angeles, for construction of an earth-fill dam on the Santa Ana River at Prado Dam site, Riverside county, under Invit. 509-39-90. Plans and specifications are available from the above office upon deposit of \$25 in the form of U. S. money order or certified check, payable to Disbursing Officer, U. S. Engineer Office, Los Angeles. The work involves:

- (1) lump sum, diversion and care of water during construction;
- (2) lump sum, removal of existing structure;
- (3) lump sum, clearing and grubbing damsite;
- (4) 500,000 c.y. stripping for damsite
- (5) 1,375,000 c.y. common excav.;
- (6) 600,000 c.y. borrow pit excav.;
- (7) 2,125,000 c.y. rock excav., except trenches;
- (8) 6,000 c.y. rock excav. trenches, 0 to 10 ft.;
- (9) 7,500 c.y. do, 10 to 25 ft.;
- (10) 63,000 c.y. do, over 25 ft.;
- (11) 20,000 c.y. struc. backfill, uncompacted.
- (12) 15,000 c.y. do, compacted;
- (13) 580,000 c.y. sel. impervious fill in embankment;
- (14) 760,000 c.y. random fill in do.;
- (15) 1,790,000 c.y. pervious fill in embankment and levees;
- (16) 21,000 c.y. rock fill in toes;
- (17) 2,500,000 squares (100 sq. ft. ea.) rolling, 3 trips;
- (18) 18,000 c.y. gravel filters, drains, backing spalls, etc.;
- (19) 2,800 squares (100 sq. ft. each) rock paving;
- (20) 250 squares (100 sq. ft. each) rock paving grout;
- (21) 600 c.y. rock fill below outlet structure;
- (22) 13,000 tons riprap;
- (23) 400 squares gutter paving;
- (24) 17,000 lf. 6-in. clay tile drains;
- (25) 5,500 lf. 12-in. do.;
- (26) 11,000 lf. 8-in. perforated corr. metal pipe drains;
- (27) 45,000 lf. drill holes in rock or concrete;
- (28) 45,000 lf. grouting anchors;
- (29) 10,700 c.y. concrete in key walls and cutoffs except downstream spillway cutoff crib;
- (30) 48,000 c.y. concrete in slabs and aprons;
- (31) 28,000 c.y. concrete in intake, conduit, flumes, cantilever wall and misc. struc.;
- (32) 63,000 c.y. concrete in downstream spillway cutoff crib;
- (33) 100 c.y. concrete in bridge su-

- perstructure;
- (34) 18,700 c.y. mass concrete in gravity ogee, gravity dam, gravity walls;
- (35) 10,700,000 lbs. furnish, bend and place steel reinf.;
- (36) 5 test piles;
- (37) 67,600 sq. ft. steel sheet piling (35 lbs. per sq. ft. of wall);
- (38) 390,000 lbs. install service gates and accessories;
- (39) 200 c.y. grouting gate recesses;
- (40) 12,800 lbs. furnish and install copper water stops;
- (41) lump sum, install switchboard;
- (42) lump sum, install elec. crane;
- (43) lump sum, install gasoline-iec. generator set;
- (44) 1000 lbs. furnish and install conduit for elec. system;
- (45) lump sum, furnish and install lighting and power system;
- (46) lump sum, furnish and install underground power service;
- (47) 120,000 lbs. furnish and erect struc. steel service bridge;
- (48) 155,000 lbs. furnish and install misc. struc. steel;
- (49) 75,000 lbs. furnish and install misc. metalwork;
- (50) 460,000 lbs. furnish and install misc. black steel pipe;
- (51) 8,000 lbs. furnish and install misc. galv. steel pipe;
- (52) 4,200 lf. channel fencing;
- (53) 4 only 8-in. automatic drainage gates;
- (54) lump sum, insulating exhaust pipe from gasoline-iec. generator set;
- (55) lump sum, control house superstructure.

The Prado Retarding Basin will involve an earth-fill dam, having an impervious core, with a maximum height of 100 ft. The top, at elevation 561, is 30 ft. in width for roadway purposes, with a crest length of 2,350 ft. Foundations at the site require that the dam be constructed of earth. The adopted cross-sections will have an upstream slope of 3 horizontal to 1 vertical and downstream slope of 6 horizontal to 1 vertical. The upstream slope of the dam will be provided with rock-paving throughout. The downstream slope is provided with two berms and drainage facilities to reduce rainfall erosion.

Material excavated in the preparation of the foundation for structures will supply a large portion of that required for construction of the embankment of the dam. Additional material required for the impervious core will be obtained from the top of the terrace, east of the spillway. The outlet works, consisting of control tower, trash racks and conduits, are located in the left abutment and are founded on a sandstone formation with intake at elevation 464. Foundations of the reservoir there are provided 4x8-ft. openings and two 7x12-ft. openings, all equipped with control gates except one 4x8-ft. opening which is designed as a conservation outlet, to pass the normal flow without interruption. Manually operated electrically driven hoists are provided for the operation of these gates. Controlled flows in accordance with requirements for flushing of the spreading grounds, can be released which will assure the maximum rate of absorption at all times along the present stream channel.

The spillway, designed with ogee control, is located through the ridge forming the left abutment. Plans call for lining the spillway channel with a concrete slab. It will have a width of 1000 feet at the crest, elevation 536, and will taper to a width of 600 feet at an elevation 460. The spillway will have a capacity of 190,000 second feet. * 30

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 29, 2:00 P. M. (time extended from Sept. 15), bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for construction of earthen dam on the Santa Ana River at Prado Dam site, Riverside Co., under Bid No. 509-39-90.

Plans and specifications may be obtained from the above office after Aug. 20 upon deposit of \$25.00. Detailed quantities were published Aug. 15. • 30

BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until August 25, 11 A. M., bids will be received by the Pasadena City Clerk for the construction of Sheldon Ave. reservoir at Arroyo Drive and Coniston Road, Pasadena, a 5,500,000-gal. storage reservoir, estimated to cost \$90,400. Specifications may be obtained from the city clerk upon deposit of \$10. Work involves:

RESERVOIR

- (1) 18,400 c.y. Class A excav.
 - (2) 1000 c.y. Class B excav.
 - (3) 500 c.y. Class C excav.
 - (4) grading, lump sum;
 - (5) 4090 bbls. mix and apply road oil in fill;
 - (6) 27,200 sq. ft. trim inside of slope to subgrade;
 - (7) roll and trim outside slope of embankment, lump sum;
 - (8) 54,460 sq. ft. 6-in. conc. lining on side slopes and floor;
 - (9) concrete steps on slope, lump sum;
 - (10) 885 lf. concrete curb around reservoir;
 - (11) 16 c.y. mass concrete;
 - (12) concrete footings for 54 rf. posts, price for each;
 - (13) surfacing, gutters, manholes, overflows, catchbasins and curbs on Arroyo Dr., lump sum;
 - (14a) reservoir roof, not inc. cast iron roofing, with redwood posts and other timber of cressoted fir, lump sum;
 - (14b) reservoir roof, not inc. cast iron roofing, with redwood timber throughout, lump sum;
 - (15a) cast iron roof of pure iron sheets, lump sum;
 - (15b) copper sheets, lump sum;
 - (15c) copper and steel sheets, lump sum;
 - (16) 10,559 sq. ft. paving on reservoir berm, 1-inch;
 - (17) 13,765 sq. ft. 2-inch paving on roadways;
 - (18) 898 lf. new fence;
 - (19) 557 lf. replace old fence;
 - (20) landscaping, lump sum;
 - (21) 2 project signs, lump sum;
 - (22) pipe for wash line, lump sum;
 - (23) 330 lf. 4-in. cast iron sewer laterals.
- IMPROVE CONISTON RD.**
- (24) grade, lump sum;
 - (25) 934 lf. curb;
 - (26) 1971 sq. ft. gutter;
 - (27) 2394 sq. ft. walks;
 - (28) 12,334 sq. ft. 2-in. paving;
 - (29) 455 lf. 8-in. sewer tile;
 - (30) driveway approaches, lump sum.

31—PIPE LINES & WELLS**BIDS WANTED**

SAN FRANCISCO.—Until August 31, 3:00 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 185, for the laying of 6-inch and 8-inch cast iron mains in Noriega Street, and 29th Ave., S. F.

Work involves:

- (1) 750 lf. excavation and backfill for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
- (2) 10 c.y. additional excavation and backfill;
- (3) No item 3;

(4) Installing pipe:

- (a) 400 lf. 6-inch bolted joint cast iron pipe;
- (b) 350 lf. 8-inch bell and spigot cast iron pipe;
- (5) 900 lbs. fittings, gate valves, etc., installed;
- (6) 90 lf. bell and spigot joints for pipe and fittings;
- (6a) 70 bolted joints for 6-inch cast iron pipe;
- (7) 1500 sq. ft. street pavement;
- (8) 19 ¼-inch screw taps installed;
- (9) 800 lf. ¼-inch galv. iron service pipe installed;
- (10) Furnishing cast iron pipe—class 150:

- (a) 400 lf. 6-inch bolted joint pipe at \$0.74 per lf.
 - (b) 350 lf. 8-inch bell and spigot cast iron pipe at \$1.00 per lf.
 - (11) Furnishing bell end gate valves:
 - (a) 1 four-inch valve at \$12.00 each;
 - (b) 1 six-inch valve at \$17.00 each;
 - (12) 680 lbs. bell and spigot cast iron fittings at \$0.06 per lb.
 - (13) 100 lbs. steel band and bolts at \$0.05 per lb.
 - (14) 80.05 lf. ¼-inch galv. iron service pipe at \$0.07 per lf.
 - (15) lump sum—furnishing ¼-inch fittings for services at \$36.
 - (16) lump sum, engineering, supervision and inspection at \$24;
 - (17) lump sum, connections at \$82.
- Plans and specifications may be obtained at the cashier's office, 6th Floor, San Francisco Water Department Bldg., 425 Mason Street, upon the deposit of 5.00. • 31

CONTRACT AWARDED

SAN FRANCISCO.—S. D. Bechtel Co., 155 Sansome St., San Francisco, has been awarded contract by Continental Oil Co. (W. H. Ferguson, exec. vice-pres.), for 136 mi. 8-in. line from Lance Creek, Wyo., to Cheyenne; Osage Constr. Co., Tulsa, Okla., the contract for 50 mi. 4-in. and 15 mi. 6-in. line from Lance Creek to Glen Rock, Wyo. Est. cost, \$2,000,000. • 31

32—SEWERS & SEWAGE DISPOSAL PLANTS**BIDS WANTED**

LOS ANGELES, Calif.—Until Aug. 31, 10 A. M., bids will be received by L. A. Board of Public Works for construction of a sanitary sewer in Haverford Ave., between Sunset Blvd. and Radcliff Ave. under the 1911 Act. The work involves:

- (1) Lump sum—sanitary sewer (4963 ft. 8-in. standard strength and 8021 ft. 8-in. extra strength pipe);
 - (2) 4470 ft. house connection sewers;
 - (3) 341,593 sq. ft. AA resurf.;
 - (4) 2762 sq. ft. B resurf.;
- Est. cost \$51,473. • 32

CONTRACT AWARDED

OAKLAND, Ala. Co., Cal.—MacDonald & Kahn Company Ltd., 200 Financial Center Bldg., San Francisco, at \$38,671.50 awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for construction of drain structures in Mountain Blvd., between Golf Link Road and Oak Knoll Blvd., Oakland, Calif. • 32

BIDS OPENED

SEATTLE, Wash.—General Const. Co., 3840 Iowa St., Seattle, at \$296,768 (Schedule A) submitted low bid to the Board of Public Works for the construction of Unit 10 of the Henderson Street trunk sewer project and sewage treatment plant.

Total bids follow:

General Const. Co., 3840 Iowa St., Seattle: Sch. A, \$296,768; Sch. B, \$305,614.

George Schuehle (A) \$302,692; (B) \$323,883.

B. H. Sheldon, (A) \$318,590; (B) \$330,032.

Acme Const. Co., (A) \$339,199; (B) no bid. 32

BIDS WANTED

KERN COUNTY, Calif.—Until Aug. 29, 7:30 P. M., bids will be received by the Board of Trustees of the Kern County Union High School District, C. F. Moore, Clerk, at the High School, Bakersfield for installing new sewer lines, manholes and cast iron or tile drains for the Shafter High School.

Plans and specifications may be obtained from Symmes & Willard, Stanton Willard, Architect, 1314 17th St., Bakersfield, upon the deposit of \$10.00. • 32

August 18, 1938

BONDS VOTED

SAN LEANDRO, Alameda Co., Cal.—The City of San Leandro voted bonds August 16 in the amount of \$125,000 to finance construction of a sewage and garbage disposal plant. • 32

33—WATER WORKS**BIDS WANTED**

DEL NORTE COUNTY, Cal.—Until August 31, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8953, for furnishing and installing a 10,000-gal. redwood water storage tank complete with foundations and piping connections at the U. S. Naval Direction Finder Station, Point St. George (Crescent City), Calif.

Plans and specifications available from the above office upon deposit of \$5.00. • 33

PREPARING PLANS

SACRAMENTO, Calif.—Consulting Engineers Dewell & Earl, 55 New Montgomery St., S. F., are preparing plans for the construction of a 3,000,000 gallon reinforced concrete elevated water storage tank and some additions to the water system in Sacramento for the City.

Work will be done under the supervision of the City Engineer and the City Water Department.

Estimated cost \$200,000.

Project will be financed by funds recently acquired by a bond election and a PWA grant. • 33

BOND ELECTION

ST. HELENA, Napa Co., Calif.—The City of St. Helena will vote on a bond proposal September 20, in the amount of \$25,000, proceeds to finance raising the city water reservoir eight feet and installing pipe line. • 33

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 30, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8935, for improvement of fresh water system for the Naval Operating Base (Air Station), San Diego.

Work consists of furnishing equipment and labor for laying 16-inch water main across San Diego Bay from San Diego to Coronado and thence in a strip of land between the established high tide line and the established highhead line, off Coronado, and connecting to the existing water main in the vicinity of the Causeway leading to the Naval

Air Station, a total distance of approximately 9,000 ft.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. 33

CONTRACT AWARDED

HANFORD, Kings Co., Calif.—Trenthitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, were awarded the contract by the Peoples Ditch Co., Hanford, for construction of a new head gate to replace damaged structure in Kings River, 2 miles south of Kingsburg. 33

24—STREET LIGHTING

BIDS OPENED

LOS ANGELES, Cal.—Pacific Fence Co., 1012 North Highland Ave., Los Angeles, at \$955.72 submitted low bid to the State Division of Highways, Los Angeles, for fencing at the property of James C. Hollingworth on the Ventura-Ojal road, Ventura Co., involving about 1400 Lf. of 58-inch Elwood fencing, Type "T". Other bids were: Standard Fence Co., \$960.00; Anchor Post Fence Co., \$1070; Whiting-Mead Co., \$1460. 34

CONTRACT AWARDED

LOS ANGELES, Cal.—Pacific Fence Co., 1012 North Highland Ave., Los Angeles, at \$955.72 awarded contract by the State Division of Highways, Los Angeles, for fencing at the property of James C. Hollingworth on the Ventura-Ojal road, Ventura Co., involving about 1400 Lf. of 58-inch Elwood fencing, Type "T". 34

35 TUNNELS

BIDS WANTED

SHOSHONE PROJ., Wyo.—Until August 31, 10 A. M. bids will be received by the U. S. Bureau of Reclamation, Cody, Wyo., under Spec. No. 794, for the construction of earthwork, tunnel, bench flumes, canal lining, and structures, Heart Mtn. canal, sta. 920 plus 00 to sta. 947 plus 30 and sta. 961 plus 95 to station 1229 plus 00, Heart Mountain division, Shoshone Project, Wyo.

Plans and specifications available from the above office; no charge to prospective bidders; to others, \$2.00, not returnable. 35

BIDS WANTED

SHOSHONE PROJECT, Wyo.—Until Sept. 7, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Cody, Wyoming, under Spec. No. 798, for the construction of the Shoshone Canyon conduit controlling works and tunnels, Shoshone Canyon Conduit, Station 000 to Station 850, Heart Mountain Division, Shoshone Project, Wyo.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$1.50 not returnable.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$550; 300 Winfield; owner, Harry McAlpine, prem.; contractor, Home Owners' Imp. Co., \$315 Geary.

ALTER dwelling, \$150; 79 Grattan; owner, Anna L. Prior, premises; contractor, Nelson Annihilators, 210 Post St.

SIGN, electric, \$350; 1641 Ellis St.; owner, Bagdad Bowling Co., 1641 Ellis St.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER office and shop, \$298; 1034 Folsom St. owner, Lundstrom & Moyer, premises; contractor, All-American Bldrs., Inc., 1212 Bry-

SACRAMENTO—LEVEE CONSTRUCTION—(GOV'T.)

SACRAMENTO, Cal.—Hemstreet & Bell, 501 11th St., Marysville, at \$31,947.50 (Schedule A) and Geo. R. Patterson and E. H. Ryder, 1415 S. San Joaquin St., Stockton, at \$24,381.80 (Schedule B) submitted low bids to the U. S. Engineer Office, District Engineer, 208 Post Office Building, Sacramento, under Bid No. 1105-39-7 for raising, strengthening and setting back the existing levee along the east levee of the Feather River in Reclamation District No. 784.

Geo. R. Patterson and E. H. Ryder, 1415 S. San Joaquin, Stockton, at \$57,386.80 submitted the lowest combined bid for Schedules A and B. Work involves:

SCHEDULE "A"

- (1) 162,900 c.y. levee embankment, in place;
- (2) 650 c.y. road gravel, in place;
- (3) 1 job, remove and save approx. 96 ft. of 24-in. dia. corr. iron pipe, gate and appurtenances, including excavation and backfill;

SCHEDULE "B"

- (4) 246,300 c.y. levee embankment, in place;
- (5) 7,000 M. gals. water for compaction purposes, applied as directed
- (6) 800 c.y. road gravel, in place;
- SCHED. "A" and "B" COMBINED
- (7) 162,900 c.y. levee embankment, in place, Sch. (a);
- (8) 246,300 c.y. d. Sch. (b);
- (9) 1 job remove and save approx. 96 ft. of 24-in. dia. corr. iron

- pipe, gate and appurtenances, including excavation and backfill;
- (10) 650 c.y. road gravel, in place, Sch. (a);
- (11) 800 c.y. do, Sch. (b);
- (12) 7,000 M. gals. water for compaction purposes.

Total bids follow:

(A) Hemstreet & Bell, 501 11th St., Marysville: Sch. A, \$31,947; Sch. B, \$38,756. Combined schedules, \$70,703.

(B) Geo. R. Patterson and E. H. Ryder, 1415 S. San Joaquin, Stockton, (A) \$33,005; (B) \$24,381.80; (A and B) \$57,386.80.

(C) Granfield, Farrar & Carlin, San Francisco: (A and B) \$59,391.50.

(D) Mountain Const. Co., Sacramento: (A) \$35,456.60; (B) \$28,776.30*.

(E) Morrison-Kundsen Co., Boise, Idaho: (A) \$33,153; (B) \$44,248; (A and B) \$89,217.

(F) Harms Bros. and H. Earl Parker and W. C. Watson, Sacramento: (A) \$32,550.60; (B) \$38,135.70; (A and B) \$70,686.30.

(G) M. J. Ruddy, Modesto: (A) \$33,291; (B) \$40,570.50; (A and B) \$73,861.50.

(H) D. McDonald, Sacramento: (A and B) \$80,508.80.

(I) Daniel Bayles, Biggs: (A) \$27,258.50; (B) \$65,086; (A and B) \$127,344.50.

(J) Claude C. Wood, Lodi: (B) \$58,097.00.

Unit prices follow:

SCHEDULE A		SCHEDULE B		SCHEDULES A AND B COMBINED					
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1) \$.18	\$ 1.85	\$.0000	\$.204	\$.195	\$.189	\$.19	\$.0000	\$.365	\$.0000
(2)	2.50	500.00	2.50	1.75	2.25	1.80	1.80	1.00	1.00
(3)	1000.00	300.00	600.00	7250	300.00	1170.00	1170.00	1500.00	1500.00
(4)	.12	.086	.101	.16	.139	.135	.135	.22	.19
(5)	1.20	.20	.50	.60	.50	.40	.40	1.50	1.50
(6)	1.00	2.25	.50	.80	.50	1.00	1.00	.50	1.00
(7)	.18	.185	.165	.185	.189	.19	.259	59,458.50†	.....
(8)	.12	.086	.11	.14	.139	.135	.129	54,186.00	.....
(9)	1000.00	300.00	300.00	250.00	300.00	1170.00	2500.00	1,500.00	.....
(10)	2.50	2.50	1.60	1.75	2.25	1.80	2.50	1,300.00	.....
(11)	1.00	2.25	1.60	.80	.50	.40	.40	400.00	.....
(12)	1.20	.20	.40	.60	.50	1.80	.30	10,500.00	.....

* Mountain Construction Company stipulated they will accept Schedule A or B, but not both. † Totals only.

PLEASANTON—STREET IMPROVEMENT—(CITY)

PLEASANTON, Ala. Co., Calif.—A. J. Clausen, 686 Cragmont Ave., Berkeley, at \$3,947.50 submitted low bid to the Town of Pleasanton, City Clerk, City Hall, Pleasanton, for about 0.044 miles improvement of Division Street and St. Marys Street in the town of Pleasanton, Calif.

- Work involves:
- (1) 900 c.y. roadway excav.;
 - (2) 1450 c.y. salvage and relay existing gravel base;
 - (3) 200 c.y. creek run gravel base material;
 - (4) 800 tons mineral aggregate for road mix surfacing;
 - (5) 35 tons sand for seal coat;
 - (6) 75 tons ROMC-4 liquid asphalt

- for road mix surfacing;
- (7) 4 tons of 90-95 asphaltic emulsions for seal coat;
- (8) 5 reset sewer manholes;
- (9) 1 reset sewer lamphole;

Total bids follow:

(A) A. J. Clausen, 686 Cragmont Ave., Berkeley, \$3,947.50.

(B) Garcia Construction Co., Irvington, \$4,459.75.

(C) Piazza and Huntley, San Jose, \$4,589.50.

(D) Lee J. Immel, Berkeley, \$5,180.00.

(E) Hayward Building Supply Co., Hayward, \$5,212.50.

(F) Jones and King, Hayward, \$6,302.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	540.00	585.00	450.00	650.00	800.00	1100.00
(2)	540.00	1015.00	1160.00	2060.00	725.00	1150.00
(3)	.90	1.25	1.00	1.00	2.00	1.20
(4)	1.00	1.95	2.47	1.20	2.50	3.72
(5)	.....	2.00	3.00	3.00	4.50	2.40
(6)	12.50	10.85	7.50	14.00	12.00	7.80
(7)	30.00	19.00	25.00	25.00	35.00	30.00
(8)	7.00	15.00	6.00	10.00	15.00	15.00
(9)	5.00	15.00	6.00	5.00	15.00	10.00

STARK-RATH PRINTING & PUBLISHING COMPANY

465 Tenth Street Telephone Market 7110 San Francisco

ant Street.
 ALTER factory, \$500; 3834 3rd St.; owner, Edw. Felvey, 1560 Hudson St.; contractor, H. E. Rahimann Co., 251 Kearny St.
 ALTER dwelling, \$265; 650 35th Ave. owner, Alf. E. Mader, prem.; contractor, A. J. Beauchain, 2279 Market St.
 SIGN, electric, \$75; 964-A Market St. owner, Lady Fair Beauty Salon, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
 FLUE, \$30; 3133 Geary St.; owner, A. Lowenstein, prem.; contractor Ahlback & Mayer, 85 Dorland St.
 BILLBOARD, \$25; SE Franklin and Green Sts.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
 BILLBOARD, \$19; NE Franklin and Green; owner and contractor, Foster & Kleiser, 1675 Eddy.
 FLUE, \$61; 3153-55 Geary St.; owner, Catherine McCarthy 151 Boyce St.; contractor, Ahlback & Mayer 85 Dorland St.

FLUES, \$45; 1833 21st Ave.; owner, F. E. Warn, premises; contractor, Anderson & Bell, 1841 Lincoln Way.
 ALTER dwelling, \$900; 55 San Pablo Ave.; owner, Gerald De Graf, 55 San Palo; contractor, Robert H. Kelly, 9 Palo Alto; plans by L. E. Bowen, 2516 16th Ave.
 ALTER dwelling, \$800; 927 Wisconsin; owner, Martin Carhoff, 927 Wisconsin.
 ALTER flats, \$800; 2612 Market St.; owner, Gus Adams, prem.; contractor, N. L. Riest, 1393 Waller.
 ALTER dwelling, \$500; 26 Prospect; owner, L. Denoali, 3289 Mission.
 ALTER dwelling, \$490; 412 27th St. owner, Emil F. Kraut, premises; contractor, R. A. Helgesson, 2695 33rd St.
 Ave.; owner, Miss Wheeler, 2048 Market St.; contractor, Ira W. Coburn, 2048 Market.
 SIGN, electric, \$250; 9 Jones St.; owner, Harringtons, prem.; contractor, Brumfield, 965 Folsom.

DAILY PACIFIC BUILDER

LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath
 PRINTING AND PUBLISHING COMPANY

LOS ANGELES—BRIDGE REPLACEMENT—(STATE)

LOS ANGELES AND SAN BERNARDINO COS., Calif.—Paul D. Lawrence Co., 2127 N. Cahuenga Blvd., Los Angeles, at \$14,320.60 submitted low bid to the State Divis. of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of two spans of an existing three span reinforced concrete bridge across San Antonio Creek at Pomona (VIII-L. A. and SBD-19-Pom and A) consisting of one 37-ft. 0-in. span and one 27-ft. 0-inch span on concrete bents and abutments and portions of roadway approaches to be graded and surfaced with Portland cement concrete pavement, Los Angeles and San Bernardino Counties, Cal.

Work involves:

- (1) 1 lot remove and dispose of dam-

- aged portions of exist. bridge and approach pavement.
 (2) 10 cu. yds. remove and dispose of exist. Port. conc. conc. pavement.
 (3) 30 M gals. water.
 (4) 800 cu. yds. struc. excav.
 (5) 1,000 cu. yds. rdwy excav.
 (6) 150 sq. yds. subgrade for pave.
 (7) 30 cu. yds. class A Port. conc. pavement.
 (8) 63 each pave. dowels.
 (9) 58,000 lbs. bar reinf steel.
 (10) 400 cu. yds. class A Port. conc. struc.
 (11) 7 cu. yds. class A Port. conc. conc. railing.
 (12) 1,800 sq. ft. steel sheeptile cut off wall.
 (13) 300 cu. yds. broken conc. rip-rap.

- (14) 1 lot misc. items of work.

Total bids follow:

- (A) Paul D. Lawrence Co., 2127 N. Cahuenga Blvd., L. A., \$14,320.60.
 (B) J. E. Haddock Ltd., Pasadena, \$15,997.95.
 (C) Byerts & Dunn, L. A., \$16,979.45.
 (D) C. T. and W. P. Stover, Claremont, \$17,750.45.
 (E) J. S. Metzger & Sons, L. A., \$18,898.00.
 (F) E. S. & N. S. Johnson, Pasadena, \$19,652.60.
 (G) W. E. Robertson, L. A., \$19,817.00.
 (H) Oberg Bros., L. A., \$20,387.00.
 (I) Contracting Eng'g Co., L. A., \$20,479.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	1200.00	850.00	2670.00	1566.00	1350.00	1900.00	2000.00	3000.00	1000.00
(2)	4.00	3.00	3.00	3.50	3.00	3.00	5.00	5.00	3.50
(3)	1.50	2.00	2.00	3.20	3.00	1.50	2.50	3.00	3.50
(4) .....	.90	.80	.75	1.40	1.50	1.00	1.00	1.00	1.00
(5) .....	.50	.45	.40	.60	.50	.65	.50	.30	.70
(6) .....	.12	.20	.20	.50	.30	.10	.20	.10	.20
(7)	10.00	10.00	10.00	12.50	10.00	10.00	15.00	10.00	13.00
(8) .....	.20	.15	.15	.15	1.00	.20	.20	.20	.50
(9) .....	.045	.04	.045	.05	.05	.045	.06	.05	.051
(10)	14.50	20.00	16.00	18.60	22.00	23.00	20.00	21.00	25.00
(11)	55.00	55.00	70.00	72.00	60.00	50.00	60.00	60.00	60.00
(12)	1.05	1.05	1.10	1.18	1.00	1.30	1.50	1.50	1.20
(13)	1.00	1.30	3.00	2.30	2.00	3.00	3.00	3.00	3.50
(14)	300.00	600.00	500.00	216.00	800.00	500.00	400.00	500.00	800.00

YERBA BUENA ISLAND STOREHOUSE & SHOP

YERBA BUENA ISLAND—Clifton C. Newman, 702 Brannan St., San Francisco, at \$33,855 (storehouse), and K. E. Parker Co., 135 South Park San Francisco, at \$9,500 (carpenter shop), submitted low bids to the Department of Commerce, Lighthouse Service, Office of Supt. of Lighthouses, 425 Custom House, San Francisco, for constructing a three-story or a two-story reinforced concrete storehouse and also a one-story steel frame tile walled carpenter shop at Yerba Buena Lighthouse Depot, Yerba Buena Island, San Francisco Bay. Proposal No. P-15.

- Complete bids follow:
 (1) Storehouse, 3-story conc. ware-house;
 (1a) do, omitting one bay;
 (1b) do, omitting two bays.
 (1c) storehouse, 2-story conc. ware-house;
 (2) Carpenter shop;
 (2a) do, using different type of door;
 (3) concrete, per c.y
 Bidders follow:
 (A) Clifton Newman, 702 Brannan St., San Francisco.
 (B) K. E. Parker Co., 135 South Park San Francisco.

- (C) Moore & Roberts, San Francisco.
 (D) Frank J. Reilly, San Francisco.
 (E) H. J. Christensen and W. E. Lyons Const. Co., Oakland.
 (F) Peter Sartorio, San Francisco.
 (G) Leo Epp, San Francisco.
 (H) Adam Arras & Son, Oakland.
 (I) Carl N. Swenson, San Jose.
 (J) Clinton Const. Co., San Francisco.
 (K) Dinwiddie Const. Co., San Francisco.
 (L) Guy F. Atkinson Co., San Francisco.
 (M) Villadsen Bros., San Francisco.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	\$33,855	\$36,279	\$34,611	\$35,731	\$56,986	\$37,305	\$37,877	\$38,586	\$38,875	\$39,800	\$41,130	\$47,638	\$48,800
(1a)	30,453	33,079	31,620	31,631	53,286	31,729	34,273	34,034	35,000	35,590	37,317	43,478	44,200
(1b)	26,892	29,726	28,667	27,934	29,786	25,063	30,662	29,953	30,900	31,580	33,559	39,478	29,900
(1c)	27,994	29,796	29,176	28,271	29,486	28,946	30,909	31,457	31,900	33,200	35,124	42,176	40,300
(2)	11,027	9,672	11,499	10,731	10,500	12,982	12,982	10,551	12,800	11,560	11,560	13,143	12,200
(2a)	9,500	11,332	10,561	10,330	12,682	10,700	10,355	10,355	11,350	11,360	12,977	12,977	20,000
(3)	16.00	25.00	22.50	20.00	9.00	18.00	12.00	24.50	25.00	7.00	20.00	15.00	20.00

NOTE: Clifton Newman submitted lowest bid on storehouse, and K. E. Parker Company submitted lowest bid on the carpenter shop.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Aug. 23, 10 A. M., bids will be received by the State Bureau of Purchases, 319 State Bldg., Sacramento, for furnishing laundry equipment for additions to laundry; fob Stockton.

Specifications may be obtained from above office.

SACRAMENTO, Calif.—Until Aug. 31, 10 A. M., bids will be received by the State Bureau of Purchases 319 State Capitol, Sacramento, for furnishing bakery equipment; fob Stockton.

Plans and specifications available from above office.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Aug. 23, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-39, for furnishing files, bolts and nuts, spikes and steel; fob Rio Vista.

FORT MASON, Cal.—Bids will be the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

AUGUST 25, 10:30 A. M.:
BID NO. 928-39-38: Cotton duck and twine; fob Fort Mason.

AUGUST 26, 10 A. M.:
BID NO. 928-39-40: Parts for Sunnen Pine Hole Grinder; fob Motor Warehouse No. 6, Presidio of San Francisco.

FORT MASON, Calif.—Until Aug. 31, 10:00 A. M. bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-42, for one block machine, concrete building; f.o.b. Dock No. 3, Fort Mason and/or bidder's shipping point

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and materials, as follows:

Sch. 4170.—30,000 gas checks, adapter (gaskets) for Iona Island, Portsmouth, Mare Island and Puget Sound, Aug. 30.

Sch. 4177.—6,500 lbs. nickel-copper-aluminum alloy and 3370 lbs. nickel-copper alloy for Puget Sound, Aug. 30.

Sch. 4183.—Thermostatic controlled valves for eastern yards and Puget Sound, Aug. 30.

Sch. 4181.—Motor driven press brake for Mare Island, Aug. 30.

Sch. 4179.—Gasoline engine driven tractor for Mare Island, Aug. 30.

Sch. 4172.—500 hand operated portable spray pumps for Mare Island, Aug. 30.

Sch. 4182.—2 laundry extractors for San Pedro; 2 do for Puget Sound, Aug. 30.

Sch. 4186.—Rubber pump valve for eastern yards and Mare Island, Sept. 9.

Sch. 5168.—Steel fire nails for eastern and western yards, Sept. 6.

Sch. 5157.—Composition valves for

eastern yards and Puget Sound, Aug. 30.

Sch. 4173.—6 projection arc lamps and 6 arc rheostats for San Pedro and Mare Island, Aug. 30.

Sch. 4202.—Copper and copper-nickel allow tubing for eastern yards and Puget Sound, Sept. 6.

Sch. 4192.—Coke for eastern yards and Mare Island, Sept. 9.

Sch. 4194.—Approx. 4510 lbs. brass angles for San Diego and Mare Island, Sept. 2.

FORT MASON, Cal.—Until August 29, 10 A. M., bids will be received by the Quartermaster Supply Officer San Francisco General Depot, Fort Mason, under Bid No. 928-39-43, for furnishing twine, burlap, wire nails, strapping and wrapping paper; fob Dock No. 3, Fort Mason.

FORT MASON, Calif.—Until Aug. 22, 11:00 A. M., bids will be received by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6618-39-9, for one concrete mixer of 14 cu. ft. capacity; f.o.b. Presidio of San Francisco.

RECLAMATION BUREAU

DENVER, Colo.—Until August 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, for furnishing supplies and materials for the Central Valley Project, as follows:

BID NO. B-47,251-A.—Deformed intermediate grade billet reinforcing bars for concrete; f.o.b. Redding, Calif.

BID NO. B-47,252-A.—Reinforcement bars for concrete; f.o.b. shipping point and/or Antioch, Calif.

CANAL ZONE

PANAMA CANAL.—Until August 29, 10:30 A. M. bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3375, for furnishing misc. supplies and materials, including:

Steel, strap iron, copper, copper-nickel alloy, brass, phosphor-bronze, aluminum, sheet lead, copper pipe, brass pipe, wire rope, seizing strand, soft-steel wire, cast-iron pipe and fittings, copper screening, silver solder, wire nails, portable trench pumps, chain hoists, floor-polishing machine, copper urns, transformers, manila rope, water hose, gasoline hose, steam hose, Southern Yellow Pine or Douglas Fir lumber and screening strips; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office; or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, S. F.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until August 24, 2 P. M., bids will be received by the Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., under Bid No. 1334, for one automatic electric water heater; fob bidder's shipping point and/or Red Bluff.

SAN FRANCISCO.—Until August 22, 2 P. M. (date postponed from August 19), bids will be received by the U. S. Forest Service Regional Office, George D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., under Bid No. 1324, for furnishing 6 steel storage tanks for vacuum oil storage system, not less than 1,000 gallons; fob bidder's shipping point and/or Arcadia, Calif.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$970; 577 40th Ave.; owner, Harry A. Harding, 577 20th Ave.; contractor, Modernization Co. of Cal., 3609 Geary Blvd.

ALTER flats, \$900; 124 Balboa; owner, Anthony Krukakowaki, prem.

ALTER dwelling, \$750; 4834 19th St.; owner, R. Seaton, prem.; contractor, Peter E. Vuklerich, 1442 Taraval St.

ALTER flats, \$700; 2131 Pine St.; owner, P. Hann, 1567 Webster St.; contractor, G. J. Elkington, 1291 33rd Ave.

ALTER dwelling, \$525; 333 Lombard; owner, P. Bacigalupi, prem.; contractor, L. Latorio, 2627 Lombard.

ALTER dwelling, \$500; 2259 24th Ave.; owner, George Heldhorn, 2259 24th Ave.; contractor, Frank E. Warn, 782 32nd Ave.

ALTER dwelling, \$400; 150 32nd Ave.; owner, Chas. Ginsberg, 3535 Clement; contractor, F. C. McGee, 575 Eddy St.

ALTER nursery, \$400; E. Lemany, 75 N. Niagara; owner, A. Putonave, 74 Niagara.

ALTER flats, \$325; 2012 Baker; owner, David Shahan, prem.

ALTER store, \$300; 1439 Hyde Street; owner, John Mazzoferri, prem.

SIGN, electric, \$250; 2145 Market St.; owner, Mohawk Gas, prem.; contractor, Adlita Neon Corp., 5835 3rd St.

BILLBOARD, \$100; N. Brannan, 75 E. 10th St.; owner, West Coast Adv. Co., 1430 Divisadero.

ALTER dwelling, \$70; 2971 22nd St.; owner, Manuel Posada, prem.; contractor, B. Lopez, 1328 Van Ness Ave. So.

ALTER store, \$45; 952A Stockton St.; owner, Mr. Tong, c/o Contractor; contractor, L. Salomon, 1734 Broderick.

BILLBOARD, \$13; E. Van Ness Ave., 125 S. 21st St.; owner and builder, Foster & Kleiser, 1675 Eddy St.

BILLBOARD, \$13; W. Potrero, 150 S. 17th St.; owner and builder, Foster & Kleiser, 1675 Eddy St.

BILLBOARD, \$13; N. E. Harrison and 2nd; owner and builder, Foster & Kleiser, 1675 Eddy St.

BILLBOARD, \$13; E. Fillmore, 50 S. Pine; owner and builder, Foster & Kleiser, 1675 Eddy St.

BILLBOARD, \$7; W. Valencia, 101 S. 21st; owner and builder, Foster & Kleiser, 1675 Eddy St.

SIGN, electric, \$135; 301 3rd Street; owner, Gloria Inn, prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

SIGN, electric, \$100; 2028 Irving St.; owner, Siegel Radio Store, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER woodshed, \$75; 3147 Sacramento St.; owner, Wm. Kay, 3147 Sacramento.

U. S. POSTAGE
PAID
Permit No. 3064

Public Library
Civic Center
San Francisco, Ca

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Advertises 6 Highway
Projects

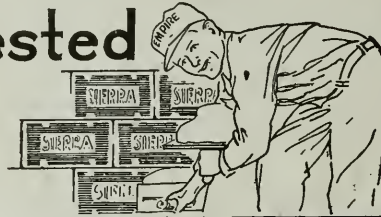


Swenson Bids Cottages at Sonoma Home



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., AUGUST 27, 1938

No. 35

Carl N. Swenson Low on Sonoma Cottages At \$192,500; Moore & Roberts Second

SACRAMENTO, August 23.—Bids on contracts covering construction of cottages at Sonoma State Home were opened here today and three new contracts were ordered advertised by State Architect George B. McDougall.

Low bidder for general work on the Eldridge cottages was Carl N. Swenson Co., San Jose, at \$192,500. Moore & Roberts, San Francisco submitted a second low proposal of \$194,900. Other general bidders were Azevedo Construction Co., Sacramento, at \$195,492 and Campbell Construction Co., Sacramento, at \$197,545.

Plumbing Contract

Scott Company of San Francisco was low bidder at \$24,137 for the plumbing work.

Other bidders on plumbing were: M. R. Carpenter, Sacramento, \$24,483; Skelly & Kohler, San Francisco, \$24,580; and James A. Nelson, Inc., San Francisco, \$25,326.

Lowest heating and ventilating bid was \$27,300, submitted by Alta Electrical & Mechanical Co., San Francisco.

Second and third low bidders on heating were Skelly & Kohler, at \$32,939, and James A. Nelson, at \$30,988.

Other heating bidders were: M. R. Carpenter, \$31,821; Scott Co., \$32,343; and Pacific Heating and Ventilating Co., \$32,749.

Electrical Work

Alta Electric & Mechanical Co. also submitted low bid on electrical work at \$7,939. Collins Electric Co. Stockton, was second at \$8,615. Only other electrical bid was from Norman A. Russell, Santa Rosa, at \$10,658.

Bids will be opened here September 13 on three new contracts, Mr. McDougall announced today.

One calls for construction of additions and alterations to the equipment repair shops of the State Division of Highways at Bishop, Inyo county.

The second involves construction of a boiler house, gas and oil station and truck shed for the Division of Highways at Conway Summit, Mono county. They will be one-story frame buildings with corrugated iron walls and roof and

BIDS FOR SIX JOBS TO OPEN SEPT. 14-15

State Advertises Grade Separations, Surfacing Jobs, Slope Protection

SACRAMENTO, Aug. 23.—Six State Division of Highways construction contracts were authorized for advertising by the State Highway Commission here today.

Bids on three of the contracts will be opened in Sacramento Sept. 14, it was announced, and on the remaining three in Los Angeles the following day, September 15.

Projects which went out for bids today include two grade separations, paving, surfacing, and slope protection work. They are located by counties as follows:

Sacramento County: construction of an undergrade crossing under the Southern Pacific tracks about four miles east of Ben Ali station, including about two-tenths of a mile of grading and paving with Portland cement concrete. Bids open in Sacramento September 14.

Siskiyou County: placing road-mix surfacing, penetration oil treatment and seal coat on approximately five and six-tenths miles between Callahan and Fort Jones. Bids open Sept. 14 in Sacramento.

San Benito County: construction of slope protection on approximately eight-tenths of a mile between Paieines and Tres Pines. Bids open in Sacramento September 14.

Los Angeles County: construction of an overhead crossing over the Southern Pacific tracks on Daly street at Alhambra avenue in the city of Los Angeles. Bids open in Los Angeles September 15.

Riverside County: construction of an earth dike protected with slope paving at Whitewater River bridge. Bids open September 15 in Los Angeles.

San Diego County: grading, paving portions with Portland cement concrete and plant-mixed surfacing on about two and one-tenth miles between Oakley avenue in La Mesa and Grossmont. Bids open in Los Angeles September 15.

MCCARTHY LOW ON P. O. AT MANTECA

WASHINGTON, D. C., August 23.—Robt. McCarthy, San Francisco, today submitted low bid to the Treasury Department Public Buildings Branch for construction of the U. S. post office in Manteca, Calif. Amount of the San Francisco contractor's low proposal was \$58,218.

A second low bid of \$61,497 was submitted by Schuler and McDonald of Oakland, Treasury Department officials said.

Lembke Construction Co., of Albuquerque, N. M., submitted third low bid at \$62,580.

\$69,833 Bid for Fresno Fire House

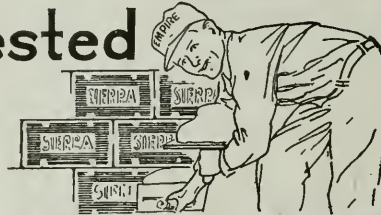
FRESNO, August 23.—A low bid of \$69,833 was submitted to the city of Fresno by Trewhitt-Shields & Fisher today for construction of a new fire engine house.

Fisher & McNulty were second low bidders on the engine house contract with a proposal of \$75,747. The council recommended award to the low bidders.

concrete floors.

The third contract covers installation of a water supply line at Pacific Colony, Spadra. It will be a 12-inch line about 24,560 feet long, connecting the Spadro domestic storage reservoir with the property of the Pomona Irrigation Company in the city of Pomona. Work also includes construction of headworks and equipment and a 6-inch pipeline about 1500 ft. long, to connect the 12-inch line to an irrigation system.

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., AUGUST 27, 1938

No. 35

Carl N. Swenson Low on Sonoma Cottages At \$192,500; Moore & Roberts Second

SACRAMENTO, August 23.—Bids on contracts covering construction of cottages at Sonoma State Home were opened here today and three new contracts were ordered advertised by State Architect George B. McDougall.

Low bidder for general work on the Eldridge cottages was Carl N. Swenson Co., San Jose, at \$192,500. Moore & Roberts, San Francisco submitted a second low proposal of \$194,900. Other general bidders were Azevedo Construction Co., Sacramento, at \$195,492 and Campbell Construction Co., Sacramento, at \$197,545.

Plumbing Contract

Scott Company of San Francisco was low bidder at \$24,137 for the plumbing work.

Other bidders on plumbing were: M. R. Carpenter, Sacramento, \$24,483; Skelly & Kohler, San Francisco, \$24,580; and James A. Nelson, Inc., San Francisco, \$25,326.

Lowest heating and ventilating bid was \$27,300, submitted by Alta Electrical & Mechanical Co., San Francisco.

Second and third low bidders on heating were Skelly & Kohler, at \$28,939, and James A. Nelson, at \$30,988.

Other heating bidders were: M. R. Carpenter, \$31,821; Scott Co., \$32,343; and Pacific Heating and Ventilating Co., \$32,749.

Electrical Work

Alta Electric & Mechanical Co. also submitted low bid on electrical work at \$7,939. Collins Electric Co. Stockton, was second at \$8,615. Only other electrical bid was from Norman A. Russell, Santa Rosa, at \$10,658.

Bids will be opened here September 13 on three new contracts, Mr. McDougall announced today.

One calls for construction of additions and alterations to the equipment repair shops of the State Division of Highways at Bishop, Inyo county.

The second involves construction of a boiler house, gas and oil station and truck shed for the Division of Highways at Conway Summit, Mono county. They will be one-story frame buildings with corrugated iron walls and roof and

BIDS FOR SIX JOBS TO OPEN SEPT. 14-15

State Advertises Grade Separations, Surfacing Jobs, Slope Protection

SACRAMENTO, Aug. 23.—Six State Division of Highways construction contracts were authorized for advertising by the State Highway Commission here today.

Bids on three of the contracts will be opened in Sacramento Sept. 14, it was announced, and on the remaining three in Los Angeles the following day, September 15.

Projects which went out for bids today include two grade separations, paving, surfacing, and slope protection work. They are located by counties as follows:

Sacramento County: construction of an undergrade crossing under the Southern Pacific tracks about four miles east of Ben Ali station, including about two-tenths of a mile of grading and paving with Portland cement concrete. Bids open in Sacramento September 14.

Siskiyou County: placing road-mix surfacing, penetration oil treatment and seal coat on approximately five and six-tenths miles between Callahan and Fort Jones. Bids open Sept. 14 in Sacramento.

San Benito County: construction of slope protection on approximately eight-tenths of a mile between Paieines and Tres Pines. Bids open in Sacramento September 14.

Los Angeles County: construction of an overhead crossing over the Southern Pacific tracks on Daly street at Alhambra avenue in the city of Los Angeles. Bids open in Los Angeles September 15.

Riverside County: construction of an earth dike protected with slope paving at Whitewater River bridge. Bids open September 15 in Los Angeles.

San Diego County: grading, paving portions with Portland cement concrete and plant-mixed surfacing on about two and one-tenth miles between Oakley avenue in La Mesa and Grossmont. Bids open in Los Angeles September 15.

MCCARTHY LOW ON P. O. AT MANTECA

WASHINGTON, D. C., August 23.—Robt. McCarthy, San Francisco, today submitted low bid to the Treasury Department Public Buildings Branch for construction of the U. S. post office in Manteca, Calif. Amount of the San Francisco contractor's low proposal was \$58,218.

A second low bid of \$61,497 was submitted by Schuler and McDonald of Oakland, Treasury Department officials said.

Lembke Construction Co., of Albuquerque, N. M., submitted third low bid at \$62,580.

\$69,833 Bid for Fresno Fire House

FRESNO, August 23.—A low bid of \$69,833 was submitted to the city of Fresno by Trewhitt-Shields & Fisher today for construction of a new fire engine house.

Fisher & McNulty were second low bidders on the engine house contract with a proposal of \$75,747. The council recommended award to the low bidders.

concrete floors.

The third contract covers installation of a water supply line at Pacific Colony, Spadra. It will be a 12-inch line about 24,560 feet long, connecting the Spadro domestic storage reservoir with the property of the Pomona Irrigation Company in the city of Pomona. Work also includes construction of headworks and equipment and a 6-inch pipeline about 1500 ft. long, to connect the 12-inch line to an irrigation system.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1945	Hopkins	Arnott	6000
1946	Tignard	Owner	4750
1947	Arnott	Owner	4000
1948	Callagy	Peterson	4000
1949	Capital	Owner	3500
1950	Farish	Duerner	3500
1951	Friedman	Duerner	3500
1952	Hallgren	Owner	3500
1953	Shaong	Owner	2000
1954	Saporini	Starell	1500
1955	Edward Co.	Owner	150000
1956	Meier	Erickson	7000
1957	Thorinson	Owner	4000
1958	Thorinson	Owner	4000
1959	Hubert	Tea Ree	3500
1960	Stelling	Williams	12800
1961	Berliner	Jones	9500
1962	Bradley	Modern	1920
1963	Feykert	Nicolson	1500
1964	Shields	Modern	1100
1965	Rousseau	Owner	10000
1966	Rousseau	Owner	10000
1967	Rousseau	Owner	8000
1968	Rousseau	Owner	8000
1969	Rousseau	Owner	8000
1970	Booker	Owner	7200
1971	Nicholsen	Owner	6500
1972	Costielli	Owner	4000
1975	Allison	Allison	4000
1976	Allison	Allison	4000
1977	Allison	Allison	4000
1978	Doelger	Doelger	4000
1979	Doelger	Doelger	4000
1980	Doelger	Doelger	4000
1981	Doelger	Doelger	4000
1982	Doelger	Doelger	4000
1983	Doelger	Doelger	4000
1984	Doelger	Doelger	4000
1985	Doelger	Doelger	4000
1986	Doelger	Doelger	4000
1987	Doelger	Doelger	4000
1988	Stynman	Evers	4000
1989	Bertram	Bertram	3250
1990	Bertram	Bertram	3250
1991	Schroeder	Schroeder	3000
1992	Standard	Owner	6000
1993	Lindsay	Owner	4950
1994	Nelson	Owner	4500
1995	Perasso	Owner	4500
1996	Doelger	Owner	4000
1997	Nelson	Owner	4000
1998	Dahlstrom	Owner	3000
1999	Walkup	Newman	2000
2000	Walkup	Newman	2000
2001	Walkup	Newman	2000

DWELLING
 (1945) W 24th AVE. 100 S Riviera.
 One-story frame dwelling.
 Owner—P. W. Hopkins, 426 Front St.
 Contractor—Jas. Arnott & Son, 633
 Taraval Street.
 Architect—Not Given. \$6,000

DWELLING
 (1946) W 47th AVE. 250 S Santiago.
 One-story frame dwelling.
 Owner and Builder—Jean Tignard,
 2330 48th Avenue.
 Architect—B. K. Dobkowitz, 425 Mon-
 terey Blvd. \$4,750

DWELLING
 (1947) S 19th St. 63 W Seward.
 One-story frame dwelling.
 Owner and Builder—Jas. A. Arnott,
 633 Taraval Street.
 Architect—Not Given. \$4,000

DWELLING
 (1948) E ATHENS 325 N Geneva.
 One-story frame dwelling.
 Owner—Benjamin F. Callagy, 912 Ge-
 neva Avenue.
 Contractor—Henry W. Peterson, 912
 Geneva Avenue.
 Architect—Not Given. \$4,900

ALTERATIONS
 (1949) 2 COLUMBUS AVE. Alter
 office.
 Owner and Contractor—Capital Co.,
 625 Market Street.
 Plans by Owner. \$3,500

DWELLING
 (1950) E FUNSTON AVE. 25 South
 Lawton. One-story frame dwell-
 ing.
 Owner—T. H. Farish, 250 Ortega St.
 Contractor—Jas. C. Duerner, 250 Or-
 tega Street.
 Architect—Not Given. \$3,500

DWELLING
 (1951) W 41st AVE. 125 S Lincoln
 Way. One-story frame dwelling.
 Owner—David Friedman, 250 Ortega.
 Contractor—Jas. C. Duerner, 250 Or-
 tega Street.
 Architect—Not Given. \$3,500

DWELLING
 (1952) W 24th AVE. 275 S Moraga.
 One-story frame dwelling.
 Owner and Builder—A. Hallgren, 1594
 29th Avenue.
 Architect—Not Given. \$3,500

ALTERATIONS
 (1953) 20 WAVERLY PLACE. Al-
 ter store and apts.
 Owner and Contractor—Shaong Inv.
 Co., 74 New Montgomery St.
 Architect—Not Given. \$2,000

ALTERATIONS
 (1954) 1854 VAN DYKE AVE. Al-
 ter dwelling.
 Owner—S. Suporini, premises.
 Contractor—T. Starell.
 Architect—Not Given. \$3,500

PLANT
 (1955) S. MARIPOSA betw. Arkan-
 sas & Wisconsin.
 Owner and contractor—Dwight Ed-
 ward Co.
 Consulting Struc.-Eng.—Jesse Rosen-
 wald, 525 Market St. \$150,000

BUILDING
 (1956) N. MONTEREY BLVD. 75
 Genesee St. Two-story frame
 bldg.
 Owner—Mr. Fred Meler, 700 Monte-
 rey Blvd.
 Contractor, Henry Erickson, 972
 Chenery St.

DWELLING
 (1957) N. VICENTE, 90 E. 29th Ave.
 One-story dwelling.
 Owner—F. H. & E. Thorinson, 1630
 Ocean Ave.
 Contractor—F. H. Thorinson, 1630
 Ocean Ave.
 Architect—Not given. \$4,000

DWELLING
 (1958) N. VICENTE, 120 E. 29th
 Ave. One-story frame dwelling.
 Owner—F. H. & E. Thorinson, 1630
 Ocean Ave.
 Contractor—F. H. Thorinson, 1630
 Ocean Ave.
 Architect—Not given. \$4,000

DWELLING
 (1959) W. BELVEDERE, 25 S. Grat-
 ten. One-story frame dwelling.
 Owner—R. H. Hubert, 459 Belvedere.
 Contractor—Tea Ree Construction
 Co., 308 Scott St.
 Architect—Not given \$3500

STORE
 (1960) W. PORTAL AVE. 164 N.E.

14th Ave. One-story frame store.
 Owner—Martin Stelling Jr., S. F.
 Contractor—G. W. Williams Co., Bur-
 lington, Calif.
 Architect—Earle B. Bertz, 681 Market
 Street. \$12,600

DWELLING
 (1961) E. COMMONWEALTH AVE.
 180 E. Euclid Ave. Two-story
 frame dwelling.
 Owner—Dr. Bernhardt Berliner, 29
 Parker Ave.
 Contractor—Paul K. Jones, 666 Mis-
 sion.
 Architect—Gardner Dalley, 210 Post
 Street. \$9500

ALTERATIONS
 (1962) 754 STANYAN. Alter hotel.
 Owner—B. K. Bradley, prem.
 Contractor—Modernization Co. of Cal.,
 3609 Geary Blvd.
 Architect—Not given. \$1920

RACKS
 (1963) S. WELCH 175 W. 4th. Class
 'B' Racks.
 Owner—S. Feykert, Mill Valley.
 Contractor—N. R. Nicolson, Mill Val-
 ley.
 Engineer—Ray N. Moore, Redwood
 City. \$1500

ALTERATIONS
 (1964) 3314 CLAY. Alter dwelling.
 Owner—Hugh A. Shields, prem.
 Contractor—Modernization Co. of Cal.,
 3609 Geary Blvd.
 Architect—Not given. \$1100

FLATS
 (1965) N. BEACH 258 W. Webster.
 Two-story frame flats.
 Owner—Olive M. Rousseau, 321
 Kearny.
 Architect—Not given. \$10,000

FLATS
 (1966) N. BEACH 284 W. Webster.
 Two-story frame flats.
 Owner—Olive M. Rousseau, 321
 Kearny.
 Architect—Not given. \$10,000

FLATS
 (1967) S. CHESTNUT 175 W. Brod-
 erick. One-story frame flats.
 Owner—Olive M. Rousseau, 321 Kear-
 ny Street.
 Architect—Not given. \$8000

FLATS
 (1968) S. CHESTNUT 200 W. Brod-
 erick. Two-story frame flats.
 Owner—Olive M. Rousseau, 321 Kear-
 ny Street.
 Architect—Not given. \$8000

FLATS
 (1969) S. E. TURK & Chabot Terr.
 Two-story frame flats.
 Owner—Olive M. Rousseau, 321 Kear-
 ny Street.
 Architect—Not given. \$80000

DWELLING
 (1970) N. E. GRAYTONE TERR
 195 S. E. Pemberton Place. Two-
 story frame dwelling.
 Owner—John E. Booker, 831 Ash-
 bury.
 Architect—Reynolds & Chamberlain,
 Oakland. 7200

STORAGE
 (1971) E. ERIE 215 E. Howard. One-
 story mill cons. storage.
 Owner and builder—N. R. Nicholsen,
 49 Geary St.
 Architect—G. de Colmesnil. \$6500

DWELLING
(1972) E. 27th AVE. 195 S. Geary.
One-story frame dwelling.
Owner and builder—Laurence Coe-
tielli, 2971 21st St.
Architect—C. O. Clausen, 746 46th
Ave. \$4000

DWELLING
(1973) W. 46th AVE. 125 N. Rivera.
One-story frame dwelling.
Owner and builder—S. A. Swartz, 305
Grant Ave.
Architect—Not given. \$3500

ALTERATIONS
(1974) 217, 219 COLUMBUS AVE.
Alter hotel and stores.
Owner—F. Koenig Estate, Oakland.
Contractor—Chester C. Terrill, 488
17th Ave.
Architect—Not given. \$2500

DWELLING
(1975) W. FUNSTON AVE. 50 S.
Lurline. One-story frame dwell-
ing.
Owner and builder—Ray Allison, 50
Turk St.
Architect—Not given. \$4000

DWELLING
(1976) W. FUNSTON AVE. 75 S.
Lurline. One-story frame dwell-
ing.
Owner and builder, Ray Allison, 50
Turk St.
Architect—Not given. \$4000

DWELLING
(1977) W. FUNSTON AVE. 100 S.
Lurline. One-story frame dwell-
ing.
Owner and builder—Ray Allison, 50
Turk St.
Architect—Not given. \$4000

DWELLING
(1978) W. 29th AVE. 222 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1979) W. 29th AVE. 444 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1980) W. 29th AVE. 247 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1981) W. 29th AVE. 296 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1982) W. 29th AVE. 370 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1983) W. 29th AVE. 271 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1984) W. 29th AVE. 395 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1985) W. 29th AVE. 321 S. Noriega.
One-story frame dwelling.

Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1986) W. 29th AVE. 420 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1987) W. 29th AVE. 345 S. Noriega.
One-story frame dwelling.
Owner and builder—Henry Doelger,
320 Judah.
Architect—Not given. \$4000

DWELLING
(1988) W. 31st AVE. 143 S. BaBoa.
One-story frame dwelling.
Owner—Geo. Strynman, 879 34th Ave.
Contractor—Kenneth Evers.
Architect—C. A. Clausen, 746 46th
Ave. \$4000

DWELLING
(1989) E. RHODE ISLAND, 75 N.
18th. One-story frame dwelling.
Owner—M. A. Bertram, 1101 Potrero.
Architect—Not given. \$3250

DWELLING
(1990) E. RHODE ISLAND 50 N.
18th. One-story frame dwelling.
Owner—M. A. Bertram, 1101 Potrero.
Architect—Not given. \$3250

DWELLING
(1991) S. ULLOA, 64 E. 25th Ave.
One-story frame dwelling.
Owner and builder—Ernest A. Sch-
roeder, 25th & Taraval.
Architect—Not given. \$5000

SERVICE STATION
(1992) SE 18th AVE. and Clement.
One-story steel gas station.
Owner and Builder—Standard Oil Co.
225 Bush Street.
Plans by Owner. \$6,000

FLATS
(1993) NW 22nd AVE. and Lawton.
Two-story frame flats.
Owner and Builder—C. J. Lindsay,
820 Taraval Street.
Architect—Not Given. \$4,350

DWELLING
(1994) SW CORBETT AVE. 158 SE
Pemberton Pl. Two-story frame
dwelling.
Owner and Builder—Fernando Nel-
sons, 2901 19th Avenue.
Architect—Not Given. \$4,500

DWELLING
(1995) E ATHENS 25 S Italy Ave.
One-story frame dwelling.
Owner and Builder—Elenor Perasso,
811 Athens Street.
Architect—Not Given. \$4,500

DWELLING
(1996) E 41st AVE. 100 S Kirkham.
One-story frame dwelling.
Owner and Builder—Henry Doelger,
320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(1997) SW CORBETT Ave. and Iron
Alley. One-story frame dwellin:
Owner and Builder—Fernando Nel-
sons, 2901 19th Avenue.
Architect—Not Given. \$4,000

DWELLING
(1998) S PARADISE AVE. 57 W
Burnside. One-story frame dwell-
ing.
Owner and Builder—Gust Dahlstrom,
160 Castro Street.
Architect—B. K. Dobkowitz, 425 Mon-
terey Blvd. \$3,000

SHELTER
(1999-01) 240 SECOND ST. Three 1-
story steel shelters.
Owner—Walkup Drayage Co., prem.
Contractor—C. C. Newman, 507 Bran-
nan Street.
Engineer—W. K. Huber, 1, Montgom-
ery Street. \$2000 each

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2106	McTvor	Armstrong	20000
2107	East Bay	Owner	10500
2108	Holmes	Crocker	6000
2109	Luck	Stead	5500
2110	Flagg	Owner	3500
2111	Martin	Flagg	3500
2112	Bradley	Hawkins	2000
2113	Fisher	Lynn	1000
2114	Fisher	Lynn	1000
2115	Farman	Beckett	6500
2116	Bachtold	Netherby	6000
2117	Morgensen	Owner	6000
2118	Bonds	Owner	5500
2119	Beckett	Owner	4000
2120	Franzen	Owner	4000
2121	Kronke	Owner	4000
2122	Lane	Albin	3200
2123	Harker	Harker	2750
2124	Alpha Delti Pl	Winkler	1600
2125	Goldwater van Bokkelen	2000	
2126	Cava	Silva	3800
2127	Smith	Ohlsen	3600
2128	Boyer	Owner	1000
2129	Driver	Saurer	1000
2130	Elks Hall	Stead	12850
2131	Johnson	Stead	4500
2132	Lightbody	Stead	3500
2133	Kessing	Jansen	3400
2134	Wigell	Ind. Iron Wks.	2500
2135	Nelson	Armstrong	15000
2136	Owner	Owner	4000
2137	Roeder	Whalin	1360
2138	Larson	Wiggins	6000
2139	Pizzagorle	Reese	5500
2140	Murray	Parsons	5450
2141	Albany Sch.	Teigland	52500
2142	Flala	Scammell	5000
2143	Peterson	Scherman	4500
2144	Kletzker	Kletzker	3000
2145	Gallot	MacGregor	2000
2146	MacGregor	MacGregor	2200
2147	Montour	Glynn	1200

DWELLING
(2106) 120 KING AVE., PIEDMONT.
Two-story 10-rm. dwelling.
Owner—R. J. McIvor, 1199 113th St.,
Oakland.
Contractor—J. R. Armstrong, 834 E
10th St., Oakland.
Architect—Clarence W. Mayhew, 6026
Acacia St., Oakland. \$20,000

RE-ROOF
(2107) ESTATES & BULLARD
DRIVES, OAKLAND. Re-roof.
Owner and contractor—East Bay
Municipal Utility Dist., 512 16th
Street.
Architect—Not given. \$10,500

DWELLING
(2108) 6177 MARGARDO DRIVE,
OAKLAND. One-story, 5-room
dwelling.
Owner—C. S. Holmes.
Contractor—H. L. Crocker Jr., 30
Wilding Lane.
Architect—Not given \$6000

DWELLING
(2109) 575 WHITAKER, BERKE-
LEY. One-story, 5-room frame
dwelling and garage.
Owner—H. R. Luck, 1184 Laurel.
Contractor—F. A. Stead, 3206 Boise.
Architect—H. T. Howard, 278 Post
St., S. F. \$5500

DWELLING
(2110) 4115 MIDVALE AVE., OAK-
LAND. One-story, 5-room dwell-
ing.
Owner and contractor—A. J. Flagg,
3743 Loma Vista Ave.
Architect—Not given. \$3500

DWELLING (2111) 4786 REDDING ST., OAKLAND. One-story, 5-room dwelling. Owner—C. L. Martin. Contractor—A. J. Flagg, 3743 Loma Vista Ave. Architect—Not given. \$3500	Contractor—Wm. Albin, 1219 Noe St., San Francisco. Architect—Not Given. \$3,200	STRUCTURE (2134) S. E. COR. 13th & BROADWAY, OAKLAND. Steel sign structure. Owner—Laurence L. Wigell. Contractor—Independent Iron Works, 821 Pine St. Architect—Not given. \$2500
ADDITIONS (2122) 2232 CARLTON, BERKELEY. Additions. Owner—J. Bradley, 2232 Carlton. Contractor—H. Hawkins, 2986 College Ave. Architect—Not given. \$2000	DWELLING (2123) 3148 JORDAN ROAD, OAKLAND. One-story 5-rm. dwelling. Owner—Doris A. Harker, 3142 Jordan Road. Contractor—Fred Harker, 3142 Jordan Road. Architect—Not Given. \$2,750	DWELLING (2135) 5900 ESTATES DRIVE, OAKLAND. One-story 7-rm. dwelling. Owner—Mrs. Jane C. Neilson, 1111 Hollywood Ave. Contractor—J. R. Armstrong, 834 E. Tenth St. Architect—Not Given. \$13,000 Also 1-story garage, \$1000.
ALTERATIONS (2113) 1007 SUNNYHILLS ROAD, OAKLAND. Alterations. Owner—Karl B. Fisher, 1007 Sunnyhills Road. Contractor—Willis F. Lynn, 1037 Ashmont Ave. Architect—Kent & Haas, Underwood Bldg., S. F. \$1000	ALTERATIONS (2124) 2400 PIEDMONT, BERKELEY. Alterations. Owner—Alpha Delta Pi Sorority, 2400 Piedmont. Contractor—Geo. Windsor, 11 Sharon Ave., Piedmont. Architect—Not Given. \$1,000	DWELLING (2136) 3306 PARTRIDGE AVENUE, OAKLAND. One-story six-room dwelling. Owner and Builder—Frank R. Hill, 4162 35th Avenue. Architect—Not Given. \$4,000
ADDITION (2114) 1001 SUNNYHILLS ROAD, OAKLAND. Addition. Owner—Karl B. Fisher, 1007 Sunnyhills Road. Contractor—Willis F. Lynn, 1037 Ashmont Ave. Architect—Kent & Haas, Underwood Bldg., S. F. \$1000	REPAIRS (2125) 919 BROADWAY, OAKLAND. Fire repairs. Owner—N. Goldwater, 919 Broadway. Contractor—W. K. van Bokkelen, 439 23rd Street.	ADDITION (2137) 2178 ROSEDALE AVE., OAKLAND. Addition. Owner—H. C. Roeder, 2178 Rosedale. Contractor—W. E. Whalin, 915 Mandana Blvd. Architect—Not Given. \$1,360
DWELLING (2115) 5529 GOLDEN GATE AVE., OAKLAND. One-story five-room dwelling. Owner—R. Farman, 5529 Golden Gate Ave., Oakland. Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. Architect—Not Given. \$6,500	DWELLING (2126) 2135 ESSEX, BERKELEY. One-story 5-room frame dwelling and garage. Owner—John Cava, 528 North St., Oakland. Contractor—J. Silva, 870 46th Street, Oakland. Architect—Not Given. \$3,800	DWELLING (2138) 1832 MAGELLON DRIVE, OAKLAND. Two-story 6 room dwelling. Owner—A. Larson, 5550 Kales St. Contractor—J. S. Williams, 635 51st Street. Architect—Not given. \$6000
DWELLING (2116) 822 MOUNTAIN Blvd., OAKLAND. Two-story 6-rm. dwelling. Owner—C. T. Bachtold, San Francisco. Contractor—W. A. Netherby, 3853 Lyman Road. Architect—Not Given. \$6,000	DWELLING (2127) 5101 BOND ST., OAKLAND. One-story 5-room dwelling. Owner—V. Smith, 2400 Havenscourt Blvd. Contractor—Gus Ohlsen, 23152 South Garden Ave., Hayward. \$3,600 Also 1-story garage, \$100.	DWELLING (2139) 4939 COCHRANE AVE., OAKLAND. Two-story 6 room dwelling. Owner—A. L. Pizzagorie, 391 Clifton Street. Contractor—T. O. Reese, 583 Kenilworth Ave., S. F. Architect—Not given. \$5500
DWELLING (2117) 5732 ROSS ST., OAKLAND. Two-story 6-room dwelling. Owner and Builder—Morgenson Bros., 5664 Broadway. Architect—Not Given. \$6,000	ADDITION (2128) 6532 MOKELUMNE AVENUE, OAKLAND. Addition. Owner and Builder—E. L. Boyer, 6532 Mokelumne Avenue. Architect—Not Given. \$1,000	DWELLING (2140) 6352 ASCOT DRIVE, OAKLAND. One-story 5-room dwelling. Owner—W. L. Murray, 824 Walker Ave. Contractor—Parsons & Williams, 2262 80th Ave. Architect—Chas. MacCall, 837 Santa Ray Ave. \$5450
DWELLING (2118) 750 CRESTON ROAD, OAKLAND. One-story 5-room frame dwelling and garage. Owner and Builder—M. S. Bonds, 960 Ventura. Architect—Not Given. \$5,500	ADDITION (2129) 6026 HARWOOD AVE., OAKLAND. Addition. Owner—Mrs. S. Driver, premises. Contractor—R. J. Saurer, 5418 Bryant Street. Architect—Not Given. \$1,000	SCHOOL (2141) 603 KEY ROUTE BLVD., ALBANY. Albany High School. Owner—Albany School District. Contractor—C. M. Teigland. Architects—Dragon & Schmidts. \$52500
DWELLING (2119) 3674 DELMONT Ave., OAKLAND. One-story 5-room dwelling. Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont. Architect—Not Given. \$4,000	GARAGE (2130) 2210 HAROLD WAY, BERKELEY. One-story 2 room garage. Owner—Elks Hall Assn., Allston and Harold Way. Contractor—F. A. Stead, 3208 Boise. Architect—Not given. \$12850	DWELLING (2142) 4521 REINHARDT DRIVE, OAKLAND. One-story 5-room dwelling. Owner—Frank Flala. Contractor—J. W. Scammell, 424 Scenic Ave., Piedmont. Architect—Not given. \$5000
DWELLING (2120) 2521 94th AVE., OAKLAND. One-story 6-rm. dwelling. Owner and Builder—Carl H. Franzen, 883 54th Street. Architect—Not Given. \$4,000	DWELLING (2131) 3363 GUIDO ST., OAKLAND. One-story 5 room dwelling. Owner and builder—O. W. Johnson, 3721 Young Ave. Architect—Not given. \$4500	DWELLING (2143) 2133 E. 29th ST., OAKLAND. Two-story 6-room dwelling. Owner—A. W. Peterson, Oakland. Contractor—Sol Scherman, 2789 Foot-hill Blvd. Architect—Not given. \$4500
WAREHOUSE (2121) 915 BROCKHURST STREET, OAKLAND. One-story warehouse. Owner and Builder—R. A. Kronke, 3212 San Pablo Avenue. Architect—Not Given. \$4,000	DWELLING (2132) 2901 SHEFFIELD ST., OAKLAND. One-story 5-room dwelling. Owner and builder—Perley Lightbody, 3400 Morrison St. Architect—Not given. \$3500	ADDITION (2144) 2946 EAST 14th ST., OAKLAND. Addition. Owner and Builder—R. C. Kletzker, 2946 East 14th St. Architect—Not given. \$3000
DWELLING (2122) 9316 LAWLER ST., OAKLAND. One-story 5-room dwelling. Owner—Roy Lane.	DWELLING (2133) 878 MOUNTAIN BLVD., OAKLAND. One-story 4-room dwelling. Owner—Ivan J. Kessing. Contractor—Harry K. Jensen, 2757 Rawson St. Architect—Not given. \$3400	

(2145) 939 EVELYN AVE., BERKELEY.
Description of work not given.
Owner—Marian L. Gallot, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2200

DWELLING
(2146) 933 TALBOT, ALBANY, One-story 4-room frame dwelling.
Owner and Builder—Leighton D. MacGregor, 1391 Solano.
Architect—Not given. \$2200

ALTERATIONS
(2147) 810 61st ST., OAKLAND. Alterations to apts.
Owner—Mrs. G. O. Montour, 810 61st St.
Contractor—Henry Glynn, 6023 Colby St.
Architect—Not given. \$1200

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

355 Stelling Jr. Williams 12600

BUILDING
(355) N.W. WEST PORTAL 164.46 N.E. 14th Ave. Two-story frame bldg. (Type not specified) at above location.
Owner—Martin Stelling Jr.
Architect—Earle B. Bertz, 681 Market St.
Contractor—Geo. W. Williams Co., 10 California Dr., Burlingame.
Filed, Aug. 22, '38. Dated, Aug. 19, '38.
75% of labor and materials on 5th day of each month—balance usual 35 days.

TOTAL COST, \$12,600

Bond, \$12,600. Sureties, Glens Falls Indemnity Co.
Limit, 45 working days. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

216 Perry Crowell 1029
217 Saunders Denney 5500
218 Berkeley Stead 12842
219 Kappa Alpha Theta Armstrong 44868

ALTERATIONS
(216) 57 DOMINGO, BERKELEY.
Alterations on residence.
Owner—John Stone Perry, 2324 Eunice St., Berkeley.
Architect—H. A. Bruno, Oakland.
Contractor—Crowell Bros.
Filed, Aug. 18, '38. Dated, Aug. 14, '38.
50% complete 75%
Completion 75%
Usual 35 days 75%
TOTAL, \$1029.40.
Limit, 30 days.

ALTERATIONS
(217) 1437 BENTON AVE., ALAMEDA. Alterations.
Owner—Blanca B. Saunders.
Contractor—B. G. Denny, H. W. White, S. F.
Filed, Aug. 18, '38. Dated, Aug. 16, '38.
Progress payments.
TOTAL, \$5500.
Forfeit, \$5.00 per day. Limit 90 days.

GARAGE BLDG.
(218) HAROLD WAY bet. Allston Way and Kittridge, Berkeley.
Concrete garage building.
Owner—Berkeley Elks Hall Assn.
Architects—P. L. Dragon and C. R. Schmits.
Contractor—Frank A. Stead, 3206 Bolse.
Filed, Aug. 19, '38. Dated, Aug. 16, '38.
1st of each month.....75%

Usual 35 days.....25%
TOTAL COST, \$12,842.75
Bond, \$12,842.75. Sureties, Gt. American Ind. Co. Limit, 80 days. Plans and Spec. filed.

CHAPTER HOUSE
(219) 2723 DURANT AVE., Berkeley. New chapter house.
Owner—Kappa Alpha Theta House Association.
Architect—Gardner A. Dailey, 2110 Post St., San Francisco.
Contractor—J. R. Armstrong.
Filed, Aug. 19, '38. Dated, Aug. 9, '38.
1st day of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$44,868.00
Bond, \$44,868. Sureties, U. S. Guaranty Co. Limit, 150 days. Plans and Spec. filed.

**SAN FRANCISCO COUNTY
PERMITS UNDER \$1000**

ALTER store, \$950; 756 Grant Ave.; owner, Eastman Creameries, Inc., prem.; contractor Fink & Schindler, 552 Brannan St.
ALTER dwelling, \$800; 48 Hill Point St.; owner, Mr. Schwartz, prem.; contractor, Jack Callaghan, 900 Clayton St.
ALTER apts., \$850; 1970 Fell; owner, S. Ward, premises; contractor, D. C. Richardson, 2066 Golden Gate.
ALTER dwelling, \$540; 1275 3rd Ave. owner, G. A. Schroeder, prem.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.
ALTER dwelling, \$500; 136 Bennington; owner, Rocco Calaprice, 118 Kedge; contractor, Carl Frank 305 Bocana.
ALTER dwelling, \$500; 68 Fernwood Dr.; owner, J. H. Smith, prem.; contractor, Alfred De Benedetti, 22 Cotter St.
ALTER store, \$500; 936 Market St.; owner, Howard Clothing Store, premises; contractor Undlin Store Fixture Co., 747 Natoma St.
ALTER dwelling, \$450; 608 Judah; owner, David and Kittie Cohen, premises; contractor, Modernization Co. of Calif., 3601 Geary.
ALTER dwelling, \$450; 850 Capp St.; owner, James Fetesoff, 813 De Haro.
ALTER flats, \$440; 2985 Harrison; owner, J. Napier, prem.; contractor, United Roofing & Siding Co., 2906 Mission St.
ALTER flats, \$400; 842 Madrid; owner, B. Sere, prem.; contractor, S. F. Plastering & Const. Co., 107 26th St.
ALTER rest., \$350; 77 Broadway St.; owner, Philip Hawley, 490 2nd Avenue.
SIGN, elec., \$350; 2295 Chestnut St.; owner, Dr. Campbell, prem.; contractor, Wonderlite Neon Corp., 170 Otis St.
ALTER dwelling, \$300; 1649 Florida; owner, Neil Broyle, prem.; contractor, National Roofing & Siding Co., 2172 Market.
ALTER dwelling, \$300; 708 Vermont; owner, J. V. Devoto, premises; contractor, National Roofing and Siding, 2172 Market.
SIGN, elec., \$250; 824 Grant Avenue; owner, Fong Fong, prem.; contractor, Wonderlite Neon Corp., 170 Otis St.
SIGN, elec., \$200; 524 Sutter Street; owner Mrs. Edelman, prem.; contractor, Novelty Electric Sign Co., 419 Larkin St.
SIGN, elec., \$200; 1814 Market; owner, Shelley Tire Retreading Co., premises; contractor, J. K. Herzog, 370 Van Ness Ave.
ALTER flats, \$150; 4078 23rd Street; owner, Wm. G. Green, premises.
SIGN, elec., \$125; 1601 O'Farrell St.; owner, Eugene Yee, prem.; con-

tractor, J. K. Herzog, 370 Van Ness Ave.
ALTER dwelling, \$110; 627 3rd Ave.; owner, John Fasano, prem.; contractor, John Fraser, 170 Parnassus.
ALTER dwelling, \$100; 4742 Geary; owner, J. J. Malarie, 3 9th St.; contractor, Mazarie & Scalline, 2550 19th.
SIGN, elec., \$75; 3516 18th St.; owner, Curtis Service Sta., premises; contractor, Elec. Prod., 910 Harrison St.
FLUES, two, \$40; 92 Wheat; owner, E. Basso, premises; contractor, W. Buriani, 2555 San Bruno.
SIGN, elec., \$25; 2026 Irving Street; owner, Siegal Radio, prem.; contractor, Novelty Elec. Sign Co., 419 Larkin St.
POLE, barbed, \$20; 588 O'Farrell St. owner, Harry Bayram, premises.
FLUE, one, \$15; 72 Bay View; owner, P. Laccioff, prem.; contractor, Carver Niles Co., 1024 Clement St.
FLUE, one, \$15; 70 Bay View; owner, B. E. Parrazo, prem.; contractor, Carver Niles Co., 1024 Clement St.
FLUE, one, \$15; 319 Richland Ave.; owner, P. E. Wagner, prem.; contractor, Carver Niles Co., 1024 Clement St.
ALTER dwelling, \$900; 546 46th Ave.; owner, N. Keys, premises; contractor, R. L. Cogle, 1910 Divisadero.
ALTER stores and office, \$800; NW 9th Ave. and Clement; owner, Est. of A. L. Buckley, c/o contractor, contractor, V. Filippis, 269 24th Ave.
DWELLING, 1-story frame, \$600.00; 134 NW Surrey 149 SW Diamond; owner and buider, J. F. Bricker, 134 Surrey.
ALTER dwelling, \$500; 105 Tenth Ave.; owner, Jos. La Schavia, premises.
SIGN, elec., \$450; 1061 Market St.; owner, Model Dance Academy, premises; contractor, Western Neon, 75 Fremont.
SIGN, elec., \$400; 290 Division St.; owner, West Coast Adv. Co., 290 Division; contractor, QRS Neon, 690 Potrero.
ALTER dwelling, \$300; 1762 Post St. owner, J. Klinton, premises.
SIGN, elec., \$200; 246 Mason; owner, Pax Hotel, premises; contractor, Western Neon, 75 Fremont St.
ALTER children's Gild, \$200; 345 Sutter; owner, Children's Gild, 345 Sutter.
SIGN, elec., \$180; 1801½ Market St.; owner, Minute Men Coffee Shop, premises; contractor, J. K. Herzog, 870 Van Ness.
SIGN, elec., \$175; 55 Sacramento St.; owner, Terminal Garage, prem.; contractor, J. K. Herzog, 870 Van Ness Ave.
ALTER offices, \$165; 135 Stockton; owner, E. McNear, c/o Buckbee, Thorne & Co.; contractor, L. J. Doyle, 135 Stockton St.
SIGN, elec., \$150; 885 Post St.; owner C. Hansen, premises; contractor, Western Neon, 75 Fremont.
ALTER tailor shop, \$150; 2414 24th St.; owner, Frieda Herstkowitz, premises.
SIGN, elec., \$140; 886 Mission St.; owner, Pacific Greyhound, prem.; contractor, Elec. Products, 910 Harrison St.
SIGN, elec., \$100; 4721 Mission St.; owner, Excelsior Cleaners, 4721 Mission; contractor, J. K. Herzog 870 Van Ness.
SIGN, elec., \$100; 4120 18th St.; owner, Valley Lunch, prem.; contractor, Western Neon, 75 Fremont.
BESTQS, 1 metal, \$25; 415 Broadway; owner, North Ech, Cultural Center, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bands | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Contract Awarded
APARTMENTS Cost, \$16,450
SAN FRANCISCO, E Valencia St.
210 N 20th St.

Two-story apts. and store building.
Owner—Paul Marty, 849 Valencia St.
Architect—Not Given.
Contractor—Thomas M. Connick, 73 Hill Street.

Contract Awarded
APTS. Cost, \$14,000
BURLINGAME, San Mateo Co., Cal.
El Camino Real, Lot 8, Blk. 21.

Frame and stucco apartment bldg.
Owner—Roy Shirkey, 535 Corbett Drive, Burlingame.
Architect—Not given.
Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

3—CHURCHES

Bids Opened
CHURCH
NILES, Alameda Co., Calif.
One-story frame and stucco church,
Sunday school and parsonage;
(composition roof, steel sash,
hardwood floors, forced air heating system).

Owner—Niles Congregational Church.
Architect—Geo. P. Simonds, 80 Main Street, Hayward.
General bids received with alternate deduction for omitting social hall.

Complete bids follow:
A. Holyoake, 2839 E Ave., Hayward, \$18,500; (1) \$1,600.
E. E. Dias, P. O. Box 121, Niles, \$18,700; (1) \$2,670.
E. C. Tait, San Francisco, \$19,990; (1) \$2,400.
R. A. Griffin, Irvington, \$20,235; (1) \$1,782.
Parsons and Williams, Oakland, \$21,090; (1) \$2,160.
E. T. Leiter & Son, Oakland, \$21,837; (1) no bid.
Bids held under advisement.

4—FACTORIES & WAREHOUSES

LOW BIDDER
GLENDALE, Los Angeles Co., Cal.
—Theo. A. Beyer Corp., 533 Chamber of Commerce Bldg., Los Angeles, submitted low bid to Glendale Board of Education at \$51,487, for construction of a warehouse, a TWA project, at 411 E. Wilson Ave., Glendale. Erwood P. Elden, architect, 106 East Wilson Ave., Glendale.

Sub-Contracts Awarded
TERMINAL Cost \$43,000
FRESNO, Fresno Co., Calif. Fresno, C. Mariposa, and D Streets.
New truck terminal (reinfc. concrete and steel construction; 275x80).
Owner—Pacific Freight Lines, Inc., and Valley Express Co. (C. A. Thompson, Div. Mgr.).
Architect—Van Trees & Schaefer, Kerckoff Bldg., L. A.
Contractor—L. H. Hansen & Sons, P. O. Box 519, Fresno.

Roofing & Sheet Metal—Broadway Sheet Metal Works, 1142 H St.

Plumbing—B. A. Newman Co., 320 N. H St.

Glass—W. P. Fuller Co.
Window Shades—Healey & Popovich, 818 Helm Bldg.

Iron Grille Work—Kyle & Co., 346 G St.

Grading, Foundations & Concrete—Stewart & Nuss, Inc., 410 Thorne Ave.

Painting—Schutz Paint Co.
Lumber—Malsier Bros., P. O. Box 2278.

Mill Work—Fresno Planing Mill Co., H & Monterey Sts.

Lathing & Plastering—Joseph Maal, 515 Oleander St.

Steel Rolling Doors—Overhead Door Co., of Calif.

Linoleum—Vernon W. Sullenger, 705 Lorena St.
All of Fresno.
(389) 1st rep. Aug. 8; 2nd, Aug. 9, 1938.

Plans Being Figured — Bids Close
Sept. 1, 11 A. M.

INDUSTRIAL PLANT. Cost \$200,000
SAN FRANCISCO. Mariposa & Arkansas Sts.

Three-story reinforced concrete, flat slab, industrial plant. (100x200').
Owner—Dwight Edwards Company, Consulting Structural Engr.—Jesse Rosenwald, 525 Market St.

Bids are being received from a closed, selected list of contractors.
(432) 1st rep. Aug. 17, 1938.

6—GARAGES & SERVICE STATIONS

Contract Awarded
GARAGE Cost \$104,000
LOS ANGELES, Calif. W. Grand Ave., betw. 5th and 6th Sts.

Four-story and basement, reinforced concrete. Class A garage (60x165 ft.). composition roofing, steel sash, steam heating plant, sprinkler system, elevator.
Owner—Louis R. Lurie, 333 Montgomery St., S. F.
Architect—W. D. Peugh, 333 Montgomery St., S. F.
Contractor—Cahill Bros., 206 Sansome St., S. F.

Second and third low bids submitted by Joshua H. Marks-Charde Co. and Harry F. Miller.

Work starts immediately. The site has been cleared.

Contract Awarded
SERVICE STA. Cost \$.....
SERMA, Fresno Co., Calif. Second and Whitson Streets.

New gasoline service station.
Owner—General Petroleum Corp. of California.

Plans by Eng. of Owner.
Contractor—F. C. Stolte Co. 203 Pine St., Pacific Grove.

Contract Awarded
SERVICE STATION
SAN FRANCISCO, 18th Ave. and Clement St.

Gasoline service station.
Owner—Standard Oil Co., of Calif.
Plans by Eng. Dept. of Owner.
Contractor—Barrett & Hill, 918 Harrison St.

Piping & Plumbing—W. P. Goss, Inc., 4640 Geary Blvd.

Wiring—H. C. Reid Co., 389 Clementina St.

7—FEDERAL BUILDINGS

BIDS WANTED
MONTEREY CO., Calif.—Until Aug. 30, 11 A. M., new bids will be received by the Superintendent of Lighthouses, 425 Custom House, San Francisco, for construction of a frame and stucco residence at the Point Pinos Lighthouse Reservation, on the coastline adjoining Pacific Grove, Monterey Co.

Plans and specifications obtainable at the above office. No deposit required.

Wm. P. Sweeney, Pacific Grove, submitted previous low bid on July 29 at \$8,856.

BIDS WANTED
VENTURA CO., Calif.—Until Aug. 30, 11 A. M., bids will be received by the Superintendent of Lighthouses, 425 Custom House, San Francisco, for construction of two 6-room, frame and stucco residences with tile roofing at Point Hueneme Lighthouse Reservation, 5 miles south of Oxnard, Ventura Co.

Plans and specifications obtainable at the above office. No deposit required.

W. E. Robertson, Los Angeles, submitted previous low bid on July 29, at \$17,341.

LOW BIDDER
SAN PEDRO, L. A. Co., Calif.—Case Construction Co., 905 Westminster Ave., Alhambra, submitted low bid to the 11th Naval District at \$1938 (Item No. 1), for driving concrete foundation piles for airplane hangars at the Fleet Air Base, San Pedro; Spec. 8946. Recommendation made that contract be awarded low bidder on Item No. 1. Piles will be furnished by the government.

LOW BIDDER
SAN PEDRO, L. A. Co., Calif.—Bethlehem Steel Co., Slauson and Downey, L. A., submitted low bid to the 11th Naval District, at \$49,708 (Item No. 1), for steel work for extension of existing Hangar No. 1 and for a new Hangar No. 2 at the Fleet Air Base in San Pedro; Spec. 8936. Recommendation made that contract be awarded Bethlehem Co. on Item No. 1.

LOW BIDDER
SAN DIEGO, Calif.—Raymond Concrete Pile Co., Washington Bldg., L. A., submitted low bid to the 11th Naval District, at \$35,250 (Item No. 1), for driving foundation piles for barracks bldgs. and for addition to storehouse at the Naval Operating Base (Marine Corps Base and Naval Supply Depot), San Diego; Spec. 8947. Recommendation made that contract be awarded low bidder on Item No. 1.

CONTRACT AWARDED

FORT LEWIS, Wash.—J. W. Bailey Construction Co., Seattle, at \$45,407 awarded contract by the Constructing Quartermaster, Fort Lewis, for construction of garage and motor shop at Fort Lewis. * 7

CONTRACT AWARDED

FORT LEWIS, Wash.—J. W. Bailey Construction Co., Seattle, Wash., at \$25,987 awarded contract by the Constructing Quartermaster, Fort Lewis for construction of Quartermaster warehouse at Fort Lewis. * 7

BIDS WANTED

FORT LEWIS, Wash.—Until Aug. 31, 2 P. M., bids will be received by the Constructing Quartermaster, Ft. Lewis for construction of three warehouses at McChord Field, Pierce Co. Est. cost, \$72,500. * 7

BIDS WANTED

ABERDEEN, Wash.—Until Sept. 9, 1 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C. for new heating boiler, etc., at the U. S. P. O., at Aberdeen, Wash. Specifications (if any) may be obtained from the above office and from the Custodian of the bldg., at Aberdeen. * 7

BIDS OPENED

TILLAMOOK, Ore.—Teller Construction Co., Couch Bldg., Portland, at \$65,558 submitted low bid to the U. S. Coast Guard Service, National Bldg., Seattle, for construction of residence and officers' quarters at Tillamook Bay Coast Guard Station. Second low bid submitted by Geo. F. Anderson, Astoria, at \$69,500. Bids referred to Washington. * 7

CONTRACT AWARDED

VANCOUVER, Wash.—L. H. Hoffman, 715 S. W. Columbia, Portland, at \$126,739 awarded contract by the Constructing Quartermaster, Vancouver Barracks, for construction of Officers' Quarters, at Vancouver Barracks. * 7

BIDS OPENED

ABERDEEN, Wash.—Grays Harbor Construction Co., Aberdeen at \$74,762 submitted low bid to W. Starkweather, U. S. Coast Guard, National Bldg., Seattle, for construction of station, residence and equipment bldg. at the Grays Harbor Coast Guard Station. Fred J. Maurer and Sons, Eureka, at \$83,850 submitted second low bid. Bids referred to Washington, D.C.

Bids Opened

POST OFFICE
SEDRO WOOLLEY, Skagit Co., Wn. United States Post Office. Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Low Bidder—A. F. Mowat Constr. Co., 708 3rd Ave., Seattle, Washington, \$53,737.

Complete bids were:
A. F. Mowat Constr. Co., Seattle, \$53,737.

Nelse Mortensen, Seattle, \$55,543.

J. B. Warrack Co., Seattle, \$56,229.

Western Constr. Co. Inc., Seattle, \$56,400.

Sound Constr. Co., Seattle, \$56,640.

West Coast Constr. Co., Seattle, \$56,908.

Bids Wanted — To Close Sept. 30, 1 P. M.

POSTOFFICE Est. cost, \$75,000

LOS ANBOS, Merced Co., Calif.

Construction of U. S. Post Office.

Owner—U. S. Government.

Plans prepared by Supervising Architect of the Treasury Department Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D.C.

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Cal.—Until Sept. 13, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. P. O. at Watsonville. * 7

BIDS OPENED

SAN DIEGO, Cal.—V. R. Dennis Const. Co., P. O. Box 748, East San Diego Sta., San Diego, at \$960 submitted low bid to the Public Works Officer, 11th Naval District, San Diego, for driving test piles for combined Mess Hall-Galley-Barracks building at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8933.

Work includes furnishing equipment and labor and driving 12 concrete test piles. The Government will furnish the test piles to be driven.

Complete bids were:
V. R. Dennis Const. Co. \$ 960
Lipscomb & Barclay..... 1,020
E. R. & R. L. Dawson..... 1,250 * 7

CONTRACT AWARDED

PHOENIX, Ariz.—P. W. Womack Construction Co., 1006 W. Roosevelt St., Phoenix, at \$17,805, awarded contract by the Dept. of Interior, for the construction of a nurses' quarters bldg. at Phoenix School, Phoenix, Ariz. The bldg. will be a 1-story, concrete block structure (Government to furnish concrete blocks), stucco exterior, Mission tile roofing, warm air heating system with summer air conditioning. Award made on basic bid of \$18,917 with deductions of \$882 for using a warm air heating system and \$230 for using asbestos shingle roof instead of Mission tile. * 7

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Fred J. Early, Jr., 369 Pine St., S. F., at \$16,431 awarded contract by the U. S. Coast Guard, Division of Civil Engineering Office, Government Island, Oakland, for construction of sea wall, moving of old station bldg., misc. grading and construction of concrete at the Humboldt Bay Coast Guard Station; Bid No. P316SF55—Project 752-12-4.

Complete bids were:
Fred J. Early, Jr., S. F., (1) all work \$13,781, (2) add for extending bulkhead \$2,650.

Frank J. Maurer & Son, Inc., Eureka (1) \$25,000, (2) \$5,500.

Mercer Fraser Co., Eureka (1) \$25,872, (2) \$5,850.

Henry L. Grohne, Decatur, Ill., (1) \$26,800, (2) \$3,900. * 7

BIDS OPENED

NEVADA CITY, Nev. Co., Calif.—Tom Reynolds, Nevada City, submitted only bid to the Trustees, Oustomah Lodge, No. 16, I. O. O. F., for constructing new roof on banquet hall using corrugated galvanized iron, 26 gauge.

CONTRACT AWARDED

HAMMOND, Ore.—Chas. Dahlgren, Seattle, Washington, at \$8,748 awarded contract by the Treasury Dept., U. S. Coast Guard, Washington, D. C., for furnishing labor and materials and performing all work for the construction, under one general contract, of a frame equipment building (32 x 50) having a concrete foundation, concrete floor and concrete approach slab; together with all necessary accessories required to con-

struct the work at the Point Adams U. S. Coast Guard Station, Hammond, Oregon; Invitation No. P326-CE120. * 7

CONTRACT AWARDED

HAMMOND, Ore.—George H. Buckler, Lewis Bldg., Portland, at \$44,000 awarded contract by the Treasury Dept., U. S. Coast Guard, Washington, D. C., for station and residence at Point Adams Coast Guard Station.

BIDS WANTED

WENATCHEE, Wash.—Until Sept. 1, 10:00 A. M., bids will be received by the Director of Highways, L. V. Murrow, Olympia, Washington, for the construction of a paint and carpenter shop and an equipment storage shed, at Wenatchee, Washington. Separate bids will be received for (1) general construction, (2) plumbing and heating and (3) electric wiring.

Plans and specifications may be obtained from the above office upon deposit of \$2.

Available funds for above construction approx. \$41,500.

BIDS WANTED

TIBURON, Marin Co., Calif.—Until Aug. 31, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing material and installing a new roof (23 squares more or less) on Building No. 20 at the U. S. Naval Fuel Depot, Tiburon; Spec. No. 8959.

Specifications obtainable from the Commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order for \$3, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Until Sept. 14, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, for miscellaneous repairs and improvements on eight elevators, including gates, interlocks, buffers and safety devices at the U. S. Navy Yard, Mare Island; Spec. No. 8787.

Specifications obtainable from the Commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order for \$3.00, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

POINT ST. GEORGE, Del Norte Co., Calif.—Until Aug. 31, bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for water storage tank, at the Naval Direction Finder Station, Point St. George, Del Norte Co., Spec. 8953. Est. cost, \$700.

BIDS WANTED

LONG BEACH, L. A. Co., Calif.—Until Sept. 10, 10:00 A. M., bids will be received by the Long Beach Harbor Dept., at the office of the Port Master, 130 S. Pico, Long Beach, for construction of steel frame passenger and freight transit shed (120x992-ft.), on Pier "A," Outer Harbor, a PWA project. Plans are available at the office of the Port Master upon deposit of \$50. Est. cost, \$375,000. * 7

BIDS WANTED

COCO SOLO, Canal Zone.—Bids are now being received (no definite date set) by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for twenty-four apartment houses, four quarters for officers and two transformer houses at the Naval Submarine and Fleet Air Base, Coco Solo, C. Z., and at the fifteenth Naval District Headquarters, Balboa, C. Z. Est. cost, \$720,000.

The bldgs. will be of concrete construction with wood framing for roofs. The work will include wood piles, concrete units, steel and iron work, roofing and sheet metal work, metal and metal covered doors, metal louvers, metal shower compartments, cement mortar plaster, asphalt tile flooring, carpentry and joinery, screening, hardware, glazing, painting, and plumbing and electrical systems. Spec. 8843.

Drawings and specifications may be obtained from the Bureau or from the Commandant, Fifteenth Naval District, Balboa, C. Z., upon deposit of check or postal money order for \$50, payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED

ELY, Nev.—Federal Equipment Co., Carlisle, Pa., at \$176 submitted low bid to Procurement Division, Public Bldgs. Branch, Washington, D. C., for bulletin boards for the U. S. Post Office at Ely.

Other bids were:
Original Cabinet Corp., Miles, Michigan \$185.00
Acme Bulletin & Directory Bld. Corp., New York 240.00
Nick Hemminga, San Francisco 250.00
7

Low Bidders

POSTOFFICE
MANTECA, San Joaquin Co., Calif. Construction of U. S. Post Office.
Owner—U. S. Government.
Plans prepared by Supervising Architect of the Treasury Department Washington, D. C.

Low Bidder—Robert McCarthy, 1363 14th Ave., San Francisco, \$58,218.
Second and third low bids submitted by Schuler & McDonald, Inc., Oakland, at \$61,497, and Lembeck Const. Co., Albuquerque, N. M., at \$62,580.

BIDS REJECTED

FORT LEWIS, Wash.—Bids received by the Constructing Quartermaster, Capt. E. P. Antonovich, Fort Lewis, Wash., for 30 double and 8 single Non-Commissioned Officers' Quarters at Fort Lewis, were rejected by U. S. Army.

Macdonald Building Co., 1517 S. Tacoma Way, Tacoma, submitted the low bid of \$610,650 for 30 quarters, and \$191,430 for 10 quarters.

BIDS OPENED

MARCH FIELD, Riverside Co., Cal.—Johnson, Drake & Piper, 1126 Transamerica Bldg., Los Angeles, submitted low bid to the Constructing Quartermaster, March Field, August 22, at \$290,000, for erection of the superstructure of a barracks building for 330 men at March Field. Other bids were: Los Angeles Contr. Co., \$211,000; Wm. P. Neil Co., \$215,800; Cresmer & Emtman, \$226,841; Escherich Bros., \$227,750; Bennett & Taylor, \$239,000. The bids were referred to the Quartermaster General in Washington, D. C.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Sept. 14, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for installing a concrete chimney for the Central Power Plant at the U. S. Navy Yard, Mare Island; Spec. No. 8930.

Drawings and specifications may be obtained from the Commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order for \$5, payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

FORT LEWIS, Wash.—Sound Construction and Engineering Co., Northrup Life Tower, Seattle, at \$791,248 under items 1, 2, 4 & 5 awarded contract by the Constructing Quartermaster, Fort Lewis, for the construction of AC hangars at McChord Field, Pierce Co.

9—HOSPITALS

Contracts Awarded

HOSPITAL Cont. Price, \$63,190
MODESTO, Stanislaus Co., Calif.
Two-story and basement Class B reinforced concrete county hospital building (38x180-ft.) known as Unit 4 and included in eventual group of 12 units. Building will accommodate 120 beds with 60 additional beds for emergency.
Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.
Contractor—L. Uebel, Box 181, Ripon.
Complete bids follow:

General Work
L. Uebel, Ripon, \$63,190
H. H. Henning, Stockton, 64,200
C. H. Dodd, Stockton, 66,257

Electric Wiring
Palmer Electric Co., 940 11th St., Modesto \$4,556
Geo. Hansen, Modesto 4,940
Modesto Elec. Co., Modesto, 5,934

Heating and Ventilating
D. R. Hoffman, 611 I. St., Modesto (contract awarded) \$4,850
Modesto Welding & Tank Wks 4,870
Calif. Metal & Pipe Co., Modesto 5,246
Plumbing
Modesto (contract awarded) 7,410
D. R. Hoffman, Modesto, 8,457
Calif. Metal & Pipe Co. 8,538
Modesto Welding & Tanks Wks

Prospective Bidders

HOSPITAL Cont. Price, \$130,000
FRESNO, Fresno Co., Calif.
Addition of new brick kitchen wing at Fresno County General Hospital.
Owner—County of Fresno, c/o County Clerk, Courthouse, Fresno.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

Bids will be opened September 6, 10 A. M.

Following contractors have taken out plans:

W. J. Ochs, Inc., Helm Building, Fresno.
Midstate Construction Co., Pacific Southwest Bldg., Fresno.
Trehwitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

T. C. and W. H. Irwin, 908 Milreda, Fresno.
L. H. Hansen & Sons, Box 519, Fresno.

Harris Const. Co., 577 McKinley, Fresno.

R. Pedersen, 446 Clark, Fresno.
R. W. Brown Const. Co., 118 South K St., Madera.

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Complete Bids
FIRE ENGINE HOUSE
FRESNO, Calif. Fresno and E Sts.
One - story reinforced concrete fire engine house.
Owner—City of Fresno.

Architect—E. W. Peterson, Mason Bldg., Fresno.

Low Bidder—Trehwitt - Shields and Fisher, Pacific Southwest Bldg., Fresno.

Recommendation made that contract be awarded low bidder.

Complete bids follow:
Trehwitt-Shields & Fisher, \$69,833;
(Alt. 1) \$400; (Alt. 2) \$1000.
W. J. Ochs, \$75,635; (1) \$850; (2) \$875.
Fisher & McNulty, \$75,747 (1) \$320.

(2) \$875.
R. Pedersen, \$77,785 (1) \$735; (2) \$1040.

R. W. Brown Const. Co., \$77,261; (1) \$728; (2) \$975.
Hansen & Sons, \$79,978 (1) \$250; (2) \$600.

Bids Wanted—To Close September 13, 2 P. M.

ADDITIONS & ALTER. Cost, \$.....
BISHOP, Inyo Co., Calif. Division of Highways Station.

Construction of additions and alterations to equipment repair shops; existing equipment repair shop consists of a wood frame building covered with galv. iron, to which certain additions and alterations are to be made.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Bids will be received for the work complete.

Plans and specifications obtainable from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25.00.

As previously reported, bids must be accompanied by a cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

Bids Wanted—To Close September 13, 2 P. M.

BOILER HOUSE, ETC. Cost, \$.....
CONWAY SUMMIT, Mono Co., Calif. Division of Highways Station.

Construction of boiler house, gas and oil station and truck shed (the boiler house, gas and oil station and truck shed consist of wood frame, one-story bldgs. covered on exterior with corr. galv. iron walls and roof and conc. floors; boiler house walls are covered on interior with corrugated iron, and truck shed walls are covered on interior with wood; steel windows and wood doors).

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Bids will be received for the work complete.

Plans and specifications obtainable from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25, returnable.

As previously reported, bids must be accompanied by a cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

BIDS WANTED

LONG BEACH, L. A. Co., Calif.—Until Sept. 3, 10:00 A. M., bids will be received by the Board of Commissioners of the Long Beach Water Dept. for construction of additions to the Municipal Utilities Bldg. on Broadway, near Cedar St., Long Beach, a PWA project. Plans are available at 308 Utility Bldg., Long Beach, upon deposit of \$25. Warren DeWolf, Architect, Bartwell Bldg., Long Beach, Est. cost, \$140,000. J. H. Davis, struc. engr., Ocean Center Bldg., Long Beach. 13

Contract Awarded.

FIREHOUSE Cont. Pr. \$6,050.65
NEWARK, Ala. Co., Calif.
Construction of new fire house.
Owner—Newark Fire District.
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.
Contractor—Frank Ferreira, Newark.

Bonds Voted
FIREHOUSES Cost, \$235,000
SANTA ROSA, together with PWA.
 Construction of two new firehouses:
 one Class C reinforced concrete
 building with drill tower (\$49,-
 000); and one frame and stucco
 secondary station (\$12,000); new
 alarm system (\$35,000); two new
 fire trucks (\$17,850).

Owner—City of Santa Rosa.
 Architect—William Herbert, Rosen-
 berg Bldg., Santa Rosa.

The City of Santa Rosa voted bonds
 Aug. 23 in the amount of \$130,000,
 which proceeds, together with PWA
 grant of \$105,000 will finance con-
 struction.

Plans Being Figured — Bids Close
 Sept. 9.

COUNTY JAIL Cost, \$100,000
REDDING, Shasta Co., Calif. NW
 West and Butte Streets.
 Three-story and basement county jail
 bldg. to accommodate 100 pris-
 oners.

Owner—County of Shasta.
 Architect—Masten & Hurd, 442 Post
 St., San Francisco.

PWA grant of approximately \$44,-
 000 allotted. Balance of funds on
 hand.

Bond Election
LIBRARY
SANTA CLARA, Santa Clara Co.,
 Calif.
 One-story reinforced concrete library
 building.

Owner—City of Santa Clara.
 Architect—Higgins & Root, Security
 Bldg., San Jose.

The City of Santa Clara will vote
 Sept. 27 on a proposal to issue bonds
 in the amount of \$12,000, which
 proceeds together with PWA grant
 will finance construction of the lib-
 rary, remodeling of present city hall,
 construction of city auditorium and
 municipal swimming pool. 13

Funds Asked
MUNICIPAL ARMORY.

Est. cost, \$68,500
GILROY, Santa Clara Co., Calif. Sixth
 and Church Sts.
 Construction of new municipal arm-
 ory.

Owner—City of Gilroy.
 Architects—Binder & Curtis, 25 West
 San Carlos St., San Jose.

Application filed for PWA grant of
 \$30,825. Balance of funds on hand.

Bids Opened
COURTHOUSE ADDITION
REDWOOD CITY, San Mateo Co.,
 Calif. Broadway and Hamilton
 Ave.

Three-story reinf. concrete county
 office building connected by cor-
 ridor with present courthouse
 (two elevators and central heat-
 ing plant).

Owner—County of San Mateo.
 Architects—W. H. Toegek, 74 New
 Montgomery St.; Thomas M. Ed-
 wards, 9 Geary St., and H. A.
 Schary, 605 Market St., San Fran-
 cisco.

Low Bidder: H. H. Larsen Co., 64
 S. Park, San Francisco, \$199,823.
 Recommendation made that con-
 tract be awarded low bidder on basic
 bid, without including deduction of
 alternate proposals.

General bids received with follow-
 ing alternate proposals: (1) ded. for
 omitting one elevator, (2) ded. for
 omit. incinerator, (3) ded. for plas-
 ter in lieu of acoustical celotex, (4)
 ded. for linoleum in lieu of terrazzo,
 (5) ded. for oak doors in lieu of
 bronze doors.

Complete bids were:
 H. H. Larsen Co., S. F., \$199,823,

(1) \$6,750, (2) \$600, (3) \$2,600, (4)
 \$300, (5) \$1,975.
 K. E. Parker Co., S. F., \$200,990,
 (1) \$6,621, (2) \$783, (3) \$885, (4) \$174,
 (5) \$2,110.

Central California Construction Co.,
 Inc., S. F., \$202,189, (1) \$6,600, (2)
 \$650, (3) \$915, (4) —, (5) \$1,400.

Carl N. Swenson Co., San Jose,
 \$209,572, (1) \$10,278, (2) \$550, (3)
 \$1,000, (4) \$338, (5) \$1,800.

Monson Bros., S. F., \$212,995, (1)
 \$6,621, (2) \$650, (3) \$1,300, (4) \$200,
 (5) \$2,000.

McDonald & Kahn Co., Ltd., S. F.,
 \$214,412, (1) \$6,500, (2) \$600, (3)
 \$2,460, (4) \$60, (5) \$1,700.

Anderson & Ringrose, S. F., \$214,-
 414, (1) \$6,950, (2) \$750, (3) \$3,000, (4)
 —, (5) \$1,500.

Barrett & Hilp, S. F., \$215,982, (1)
 \$6,700, (2) \$900, (3) \$1,000, (4) \$400,
 (5) \$1,500.

P. F. Reilly, S. F., \$229,900, (1) \$6,-
 621, (2) \$1,190, (3) \$1,500, (4) \$160, (4)
 \$1,600.

(84) 1st rep. June 13; 14th, Aug. 3,
 1938. 13

August 24, 1938

Bond Election.
JAIL Est. Cost, \$117,596
UKIAH, Mendocino Co., Calif.

Two-story reinf. concrete county jail
 (steam heat, composition roof,
 two cell blocks to accommodate
 20 prisoners each; sheriff's offices
 kitchen, psychopathic ward, wom-
 en's and juvenile sections).

Owner—County of Mendocino.
 Architect—Clarence Caulkins, Rosen-
 berg Bldg., Santa Rosa.

The County of Mendocino will vote
 Sept. 16 on a proposal to issue bonds
 in the amount of \$65,000, which
 proceeds, together with expected PWA
 grant of \$52,586, will finance con-
 struction.

Sub-Contracts Awarded
INSPECTION BLDG.

Cont. Pr., \$132,352.50
ATAMEDA COUNTY, Calif.
 Construction of the inspection bldgs.
 of the railway facilities of the
 S. F.-Oakland Bay Bridge; Con-
 tract R8.

Owner—State of California.
 Plans by Dept. Public Works S. F.-
 Oakland Bay Bridge, C. H. Pur-
 cell, Chief Engineer.

Contractor—Fred J. Early, 369 Pine
 St., S. F.

Partitions—Parker-Carpenter,
 Inc., 901 Bryant St.

Struc. Steel—Independent Iron Wks.,
 821 Pine St., Oakland.

Steel Sash—Ceco Steel Products
 Corp., 1280 Indiana St.

Glass & Glazing—W. P. Fuller & Co.,
 301 Mission St.

Mastipave—Superior Tile Co., 3743
 Broadway, Oakland.

Roofing—N. V. Heathorn Roofing Co.,
 354 Hobart St., Oakland.

Painting—R. P. Paoli & Co., 2530 Lom-
 bard St.

Plumbing—Durant Gilman Co., 1012
 Webster St., Oakland.

Electric Wiring—American Electric
 Constr. Co., 462 Bryant St.

To Ask Funds
CITY HALL & FIREHOUSE.

Est. cost, \$115,000
FAIRFIELD, Solano Co., Calif. Jack-
 son St.

Construction of new city hall and
 firehouse.

Owner—City of Fairfield.
 Preliminary sketches prepared by
 Architect Fred G. Reimers, San Fran-
 cisco.

Application will probably be filed
 within a few days for PWA grant of
 \$4,500 to aid in financing. Balance
 of funds available from proposed bond
 election.

Excavation Contract Awarded
HALL OF RECORDS

Contract Price, \$1,490.50
MODESTO, Stanislaus Co., Cal. Pres-
 ent courthouse site.

Excavation work for 4-story Hall of
 Records building.

Owner—County of Stanislaus.
 Architect—Russell G. deLappe, 1901
 Downey Ave., Modesto.

Structural Engineer—H. J. Brunnier,
 Sharon Bldg., San Francisco.

Excavation Contractor—H. Sykes,
 Box 626, Patterson.

Construction of the Hall of Rec-
 ords building will be advertised about
 September 5.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 7,
 3 P. M., bids will be received by the
 Public Utilities Commission, Room
 287, City Hall, for acoustical treat-
 ment, painting and fixtures in the
 Water Department Bldg. at 425 Mas-
 on St., S. F.; Spec. W. D. 186.

Work consists of providing acous-
 tical ceiling corrective material, to-
 gether with interior painting, adjust-
 ments to and providing new electrical
 fixtures and providing radiator cov-
 ers in rooms 401, 2, 3, 4 and 5; also
 furnish and install acoustical ceiling
 corrective material in room 704 to
 match the material in room 703; and
 provide new electric light fixtures in
 rooms 703 and 704.

Specifications may be obtained at
 the Cashier's office, 6th Floor, San
 Francisco Water Dept., Bldg., 425
 Mason St., S. F. upon deposit of \$5,
 returnable. 13

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 6,
 2 P. M., bids will be received by
 Geo. B. McDougall, State Architect,
 Public Works Bldg., 12th and "N"
 Sts., Sacramento, for landscape work
 and sprinkler system, State Office
 building, at Los Angeles.

Plans and specifications obtainable
 from the Division of Architecture,
 Public Works Building, Sacramento,
 upon deposit of \$25, returnable.

Bids must be accompanied by a
 cashier's or certified check, payable
 to the Director of Public Works in
 the amount of 10% of bid.

Bond Election
POLICE ADMINISTRATION BLDG.

Est. cost, \$37,166
BERKELEY, Ala Co., Calif., rear of
 present City Hall.

Three-story, reinforced concrete po-
 lice administration building to
 contain accommodations for the
 police dept., courtroom, cell
 blocks, laboratory, police training
 school quarters, probation offi-
 cials offices, interview rooms,
 radio broadcast station, etc.

Owner—City of Berkeley, City Man-
 ager Hollis R. Thompson.

Architect—James W. Flaehck, 511
 Mercantile Bank Bldg., Berkeley.

The City of Berkeley will vote
 Sept. 27 on a proposal to issue bonds
 in the amount of \$196,442, which pro-
 ceeds, together with recently allotted
 PWA grant of \$160,724 will finance
 construction.

ARCHITECT APPOINTED

SAN FRANCISCO.—As previously
 reported, Architect Clarence A. Tan-
 tau, 210 Post St., has been appointed
 by the San Francisco Department of
 Public Works, Chas. A. Sawyer, City
 Architect, to prepare plans and spec-
 ifications for the interior construction
 and finish of the San Francisco bldg.
 on Yerba Buena Shoals. Mr. Tantau
 served as consulting architect for the
 California Commission for the
 Golden Gate International Exposition
 on exterior construction of the bldg.

which is now underway. Under terms of the agreement between the city and the state, the bidg. is being erected by the state while the city will handle interior construction and preparation of exhibits. Cost of the interior work is estimated by the Department of Public Works at \$200,000.

Bids Opened

FIREHOUSE
NEWARK, Ala. Co., Calif.
Construction of new fire house.
Owner—Newark Fire District.
Architect—Higgins & Root (Cheater Root, Architect), Security Bldg., San Jose.
Low Bidder: Frank Ferreira, Newark, \$6,050.65.

Only other bid submitted by Pete Frates, Newark, at \$6,110.
Bid opening date advanced from Aug. 28.

Contract Awarded
GROUND IMP Cont. Price, \$7,450
LOS ANGELES, Calif. State Office Building.

Ground Improvement at the State Office Building, involving demolition and removal of sidewalks, paving, and old foundations, together with excavations, filling, grading, concrete work & drainage.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Contractor—Vido Kovacevich, 5400 Imperial Highway, South Gate.

CONTRACT AWARDED

SAN FRANCISCO—California Steel Products Co., 490 Bay St., at \$147,000 awarded contract by the Department of Public Works for furnishing and installing chutes at the asphalt plant.

Contracts Awarded

NURSEPY WARD
SPADRA, Los Angeles Co., Cal. Pacific Colony.

One- and two-story reinforced concrete nursery ward building with hollow tile partitions, steel sash and clay tile roof covering.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

General Work
John Strona, Pomona, \$158,190
Electric Work

Vancoco Co., 5024 W. Washington Blvd., Los Angeles, \$5,842.

Plumbing
Travers Riddle, Inc., Los Angeles, \$13,290.

Heating and ventilating bids held under advisement. Hickman Bros., Los Angeles, submitted low bid at \$10,812.

Excavation Bids Opened

HALL OF RECORDS
Est. Cost, \$136,300
MODESTO, Stanislaus County, Calif.

Present courthouse site.
Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories and one wing of 1-story; continuous windows standing between columns; water cooled roof; interior demountable partitions. Building designed for future expansion and will house county departments, and hall for board of supervisors.

Owner—County of Stanislaus.
Architect—Russell G. deLappe, 1901 Downey Ave., Modesto.
Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Following bids submitted for excavation work only, balance of work

will be advertised about Sept. 5:
H. Sykes, Box 626, Patterson, \$1,490.50
S. M. McGaw, Stockton, 1,590.00

Preparing Preliminary Plans
CORP. YARD Est. Cost, \$75,000
SANTA ROSA, Sonoma Co., Calif.

One-story ironclad Corporation yard building to contain warehouses, offices and repair shops.

Owner—County of Sonoma.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Application filed for PWA grant of 45% of cost to assist in financing. Balance of money to come from current funds.

Bond Election
FIREHOUSES Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.

Construction of two new firehouses: one Class C reinforced concrete building with drill tower (\$49,000); and one frame and stucco secondary station (\$12,000); new alarm station (\$35,000); two new fire trucks (\$17,500).

Owner—City of Santa Rosa.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

The city of Santa Rosa will vote August 23 on a proposal to issue bonds in the amount of \$137,500, which proceeds, with PWA grant, will finance construction.

Bids Wanted—To Close September 7, 10 A. M.

ADDITION Cost, \$142,500
SACRAMENTO, Sacramento Co., Cal.

Three-story reinforced conc. addition to county courthouse and jail.

Owner—County of Sacramento (Chas. W. Deterding, Jr., county executive).

Architect—Harry J. Devlne, Cronan Bldg., Sacramento.

PWA grant of \$68,692.50 allotted. Plans and specifications obtainable at the architect's office upon deposit of \$25.00.

Bids will be opened in the Board of Supervisors' room, County Courthouse, Sacramento.

Bids Wanted—To Close September 2, 3:15 P. M.

ADDITION Est. Cost, \$40,000
SACRAMENTO, Calif. I Street bet. Ninth and Tenth Streets.

Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento.
Architect—Harry J. Devlne, Cronan Bldg., Sacramento.

PWA grant allotted in amount of 45% of cost.

Plans and specifications obtainable at the office of the city clerk, City Hall, Sacramento, upon deposit of \$25. Bids will be opened in the City Hall.

Bids Opened
FIRE STATION
HANFORD, Kings Co., Calif.

One-story reinforced concrete fire station and fire alarm system.

Owner—City of Hanford.
Architect—W. D. Coates, Rowell Bldg., Fresno.

Low Bidder—Trewwhitt - Shields and Fisher, Pacific Southwest Bldg., Fresno, \$29,378.

Separate bids taken on general work and fire alarm system.

Complete bids follow:
General Work

Trewwhitt-Shields & Fisher.....\$29,378
Midstate Const. Co., Fresno.....29,393
R. Pedersen, Fresno.....29,956

T. C. and W. H. Irwin, Fresno 32,377
Fire Alarm System
Thé G&Mewell Co., Newton Uper Falls, Mass.\$5,695

Bond Election
LIBRARY Est. Cost, \$80,635
REDWOOD CITY, San Mateo Co.

Construction of new 1-story Library Building on property adj. to the City Hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

PWA grant allotted in the amount of \$36,285.

The City of Redwood City will vote Sept. 27 on a proposal to issue bonds in the amount of \$97,000, which proceeds, together with PWA grants, will finance construction of library building and addition to present city hall.

Bids Opened
EXHIBIT BUILDINGS
YERBA BUENA SHOALS, Site of 1939 World's Fair.

Construction Redwood Empire Building and Sacramento Valley and Mountain Counties Building.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Arch.; Timothy Pfueger, Supervising Architect).

Low Bidder—Barrett & Hiip, 918 Harrison St., San Francisco, \$102,000.

Only other bids submitted by Guy F. Atkinson Co., at \$121,181.

Bids held under advisement.

Bond Election
ADDITION Est. Cost, \$93,906
REDWOOD CITY, San Mateo Co.

Two-story addition to present city hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

PWA grant allotted in the amount of \$42,577.

The City of Redwood City will vote Sept. 27 on a proposal to issue bonds in the amount of \$97,000, which proceeds, together with PWA grants, will finance construction of addition to present city hall and new library building.

BOND ELECTION
MERCED, Merced Co., Calif.—The City of Merced will vote Sept. 27 on a proposal to issue bonds in amount of \$107,000 which proceeds will aid in financing construction of proposed enlargement and rebuilding of the city hall (est. cost \$73,550); installation of new electrical fire alarm system (est. cost, \$57,700); and the construction of a municipal swimming tank (est. cost, \$62,772). Application will be filed for PWA grant of \$86,000, which is 45% of total cost of three proposed projects. Plans and specifications prepared by City Engineer G. E. Winton.

Bonds Voted
CITY HALL Est. cost, \$90,000
SAN LEANDRO, Ala. Co., Calif. E. 14th St.

Part one- and two-story reinforced concrete city hall, firehouse and jail. (150x200-ft.)

Owner—City of San Leandro.
Architect—Irwin M. Johnson, 2219 7th Ave. Oakland.

The City of San Leandro voted bonds recently in the amount of \$60,000 which proceeds together with PWA grant will finance construction.

Bids Wanted — To Close Sept. 8, 9 A. M.

FIRE HOUSE Cost, \$.....
REDDING, Shasta Co., Calif.

Two fire houses and furnishing two fire engines, fire hose, fire alarm system and other apparatus.

Owner—City of Redding, W. Wright.

City Clerk.
Architects—Master & Hurd 442 Post St., S. F.
 Plans and specifications may be obtained at the architects' office or at the office of the city clerk, Redding City Hall, upon deposit of \$25.

Funds Asked
FIRE HOUSE Cost, \$.....
SAN CARLOS, San Mateo Co., Calif.
 Construction of new firehouse.
 Owner—City of San Carlos.
 Architect—Not Given.
 Application filed for PWA grant of \$9,000 to aid financing. Balance of funds to be raised by bond election to be held September 27.

Low Bidders
FIRE ENGINE HOUSE
FRESNO, Calif. Fresno and E Sts.
 One - story reinforced concrete fire engine house.
 Owner—City of Fresno.
 Architect — E. W. Peterson, Mason Bldg., Fresno.
 Low Bidder—Trehwitt - Shields and Fisher, Pacific Southwest Bldg., Fresno, \$69,833.
 Recommendation made that contract be awarded low bidder.
 The three low bids follow:
 Trehwitt-Shields & Fisher.....\$69,833
 W. J. Ochs, Fresno.....75,635
 Fisher & McNulty, Fresno.....75,747

Bids Wanted—To Close Sept. 13, 2 P. M.
BOILER HOUSE, Etc. Cost, \$.....
CONWAY SUMMIT, Mono Co., Cal.
 Division of Highways Station.
 Construction of boiler house, gas and oil station and truck shed (the boiler house, gas and oil station and truck shed consist of wood frame, one-story bldg., covered on exterior with corrug. galv., iron walls and roof and conc. floors; boiler house walls are covered on interior with corrugated iron, and truck shed walls are covered on interior with wood; steel windows and wood doors.)
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
 Bids will be received for the work complete.
 Bids must be accompanied by a cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

Bids Opened
COTTAGES
ELDRIDGE, Sonoma Co., Calif. Sonoma State Home.
 Erection and completion of Units 3 and 4, of four cottages for patients at Sonoma State Home; cottages are to be 1-story reinf. concrete buildings with hollow tile partitions, steel sash, wood roof construction and shingle tile roof together with steam service conduit, manholes, wire fencing, yard paving and roadwork.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
 Low bidder: Carl N. Swenson Co., 355 Stockton Ave., San Jose, \$192,500.
 Separate bids were received as follows: (1) general work; (2) heating work; (3) plumbing work; and (4) electrical work.
 Complete bids follow:
General Work
 Carl N. Swenson Co., San Jose, \$192,500.
 Moore & Roberts, S. F., \$194,900.
 Azevedo Const. Co., Sacto., \$195,492.
 Campbell Const. Co., Sacto., \$197,545.

Plumbing
 Scott Co., Inc., 243 Minna St., S. F.,

\$24,137.
 M. R. Carpenter, Sacto., \$24,483.
 Skelly & Kohler, S. F., \$24,580.
 James A. Nelson, Inc., S. F., \$25,326.
Heating
 Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., S. F., \$27,300.
 Skelly & Kohler, S. F., \$28,939.
 James A. Nelson, Inc., S. F., \$30,988.
 M. R. Carpenter, Sacto., \$31,821.
 Scott Co., Inc., S. F., \$32,343.
 Pacific Heating & Ventilating Co., Oakland, \$32,749.
Electric Wiring
 Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., S. F., \$7,939.
 Collins Electric Co., Stockton, \$8,615.53.
 Norman A. Russell, Santa Rosa, \$10,658.

14— RESIDENCE

Contract Awarded
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 Two - story brick residence (hardwood floors, tile baths, etc.)
 Owner—F. C. Sample, c/o Architect.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
 Contractor—John M. Schirle, 77 Hollywood Ave., San Jose.

Plans Completed
RESIDENCE Cost, \$6000
OAKLAND, Ala Co., Calif.
 One-story frame and Redwood siding residence; central heating plant, hardwood floors, tile bath, wood sash, patio, double garage, etc.
 Owner—J. A. Kirkman, Jr., c/o Arch.
 Architect—E. R. de Chenne, 361 17th St., Oakland.
 The architect will take segregated bids.

Completing Plans
RESIDENCE Est. cost, \$5000
WALNUT CREEK, Contra Costa Co., Calif.
 One-story frame and Redwood siding residence (5 rooms), hardwood floors, tile bath, wood sash, etc.
 Owner—Withheld.
 Architect—E. R. de Chenne, 361 17th St., Oakland.
 The architect will take segregated bids about Sept. 6.

Bids Opened
RESIDENCE
OAKLAND, Ala Co., Calif. Piedmont Pines.
 Two-story frame and stucco residence (6 rooms, 2 baths), tile roof, gas heating system, hardwood floors, etc.
 Owner—Name withheld.
 Architect—Ray Keefer, 770 Wesley Ave., Oakland.
 Low bidder: J. B. Peterson & Son, 4021 Agua Vista St., Oakland, \$12,623.
 Other bids were:
 Harry C. Knight, Oakland, \$12,980.
 C. H. Thrums, Oakland, \$12,990.
 A. T. Beckett, Piedmont, \$13,750.
 Bids held under advisement.

Contract Awarded
RESIDENCE Cost, \$.....
SAN FRANCISCO. Commonwealth and Euclid Avenues.
 Two - story residence (redwood exterior, conc. roofing, gas heating system, oak and linoleum floors).
 Owner—Dr. and Mrs. Bernhard Berliner.
 Architect—Gardner A. Dailey, 210 Post Street.
 Contractor—Paul K. Jones, 666 Mission Street.

Sub-Contracts Awarded
RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif. Glendale Road.
 Two - story stucco and rustic residence (8 rooms, 3 baths), shingle roof, forced air heating system, hardwood floors, tile baths, garage.
 Owner—J. A. Wade, c/o Architect.
 Architect — Angus McSweeney, 604 Mission St., San Francisco.
 Contractor—G. W. Williams Co., 10 California Drive, Burlingame.
 Plumbing—H. J. Lauder, 218 Lorton, Burlingame.

Bids Opened
RESIDENCE.
MODESTO, Stanislaus Co., Calif.
 One-story frame and stucco residence, (6 rooms) electric throughout, hardwood floors, linoleum in baths, etc.
 Owner—E. Plummer.
 Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.
 Low bidder: Jarvis Bros., Rt. 2, Box 309, Modesto, \$11,361.
 Complete bids were:
 Jarvis Bros, Modesto, \$11,361.
 J. W. Osborne, \$11,450.
 Ira Cotner, \$11,580.
 M. O. Ward, \$11,695.
 C. K. Pasma, \$13,636.70.

Contract Awarded
RESIDENCE Cost, \$20,000
PIEDMONT, Alameda Co., Cal. 120 King Avenue.
 Two-story frame residence (10 rms.)
 Owner—R. G. McIvor, 1119 13th St., Oakland.
 Architect—Clarence W. Mayhew, 6026 Acacia St., Oakland.
 Contractor—J. R. Armstrong, 834 E 10th St., Oakland.

Completing Working Drawings
RESIDENCE
SAN FRANCISCO. Richardson Ave., near Francisco St.
 Two-story frame, stucco and wood siding residence; wood sash, gas fired hot air heating system, tile baths and kitchen, hardwood floors, composition roof, etc.
 Owner—Withheld.
 Architect—Sidney A. Colton, 18 Rico Way, S. F.
 Plans will be completed and bids asked within a few days.

Preparing Plans
RESIDENCE Cost, \$.....
SA FRANCISCO.
 One-story frame and stucco residence (6 rms., 2 baths), gas fired warm air furnace, wood sash, tile baths, brick steps, etc.)
 Owner—Mrs. Margaret Robke, Piedmont.
 Architect—Walter C. Clifford, 310 Locust Street.

Preparing Plans
RESIDENCES Est. Cost, \$500,000
SAN LEANDRO, Alameda Co., Cal. E 14th Street.
 First unit of six residences of eventual 100 residences (1-story frame and stucco, Early California type homes; hardwood floors, tile baths composition and some tile roofs, wood sash, etc.)
 Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contract Awarded
RESIDENCE. Cost, \$6000
OAKLAND, Ala. Co., Calif.
 One-story, five room residence.
 Owner—C. S. Holmes.
 Architect—Not given.
 Contractor—H. L. Crocker, Jr., 30 Wilding Lane. 14

Preparing Working Drawings
RESIDENCE. Est. cost, \$20,000
SALINAS, Monterey Co., Calif.
Two-story frame and brick veneer residence (9 rooms), hardwood floors, tile baths, wood sash, gas fired hot air heating system, shingle roof, etc.
Owner—J. P. Meyenber, c/o Arch. Architect—Charles E. Butner, 7 Winham St., Salinas.
Upon completion of plans, general bids will be asked. 14

Preparing Working Drawings
RESIDENCE. Est. cost, \$.....
PALO ALTO, Santa Clara Co., Calif.
One-story frame Colonial type residence (5 rooms) hardwood floors tile baths, etc.
Owner—Withheld.
Architect—John E. Dinwiddle, 360 Pine St., San Francisco.
Contractor—Moore and Madsen, 557 Market St., San Francisco.

Plans Being Figured—Bids Close
August 26, 12 Noon.
RESIDENCE. Est. cost, \$.....
SAN FRANCISCO. Richardson Ave. near Francisco Street.
Two-story frame, stucco and wood siding residence (wood sash, gas fired hot air heating system, tile baths and kitchen, hardwood floors, composition roof, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 18 Rico Way, San Francisco.
Following contractors are figuring plans:
Otto Nylund, 1025 Bayshore Blvd., San Francisco.
Alfred J. Conquist, 919 Fell Street, San Francisco.
Miller Const. Co., 3917 Mission St., San Francisco.

Contract Awarded
RESIDENCE. Cont. Price, \$72.50
SAN JOSE, Santa Clara Co., Calif.
Vendome Grounds.
One-story frame and stucco residence (7 rooms) hardwood floors, tile bath, wood sash, etc.
Owner—Wm. Jung, c/o Architect.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—F. C. Nelson, Montgomery Hotel, San Jose.

Bids Opened
RESIDENCE
SARATOGA, Santa Clara Co., Calif.
Glen Unit Tract.
One-story frame and rustic residence (7 rms., 2 baths) hardwood floors shaks roof, wood sash, etc.
Owner—Dr. Breene, c/o Architect.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Low Bidder—M. W. Reese, 1210 Minnesota Ave., San Jose, \$9,198.
Complete bids follow:
M. W. Reese, San Jose..... \$ 9,198
W. S. Clayton, San Jose..... 9,780
Bert Ward & Son, San Jose..... 10,474
John Newell, San Jose..... 10,152

Bids Wanted—To Close About August 31.
RESIDENCE. Est. Cost, \$8,000
SAN LEANDRO, Alameda Co., Calif.
One-story rustic residence (8 rooms) shingle roof, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Geo. F. Simonds, 80 Main Street, Hayward.
Bid opening date tentatively set at August 31.

Bids Opened
RESIDENCE
MODESTO, Stanislaus Co., Calif.
One-story and basement frame and stucco residence (7 rooms) plaster interior, hardwood floors, etc.
Owner—W. Poulouf, c/o Architect.

Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.
Low Bidder—Jarvis Bros., Sunnyside Ave., Modesto, \$11,977.
Other bids were:
J. W. Osborne, Modesto..... \$12,287
M. O. Ward, Modesto..... 12,842

Marks Recommended
AUDITORIUM & CLASSROOM
DELANO, Kern Co., Calif.
One-story reinforced concrete auditorium and classroom addition to Delano Elementary School.
Owner—Delano Elementary School District.
Architect—Franklin & Kump Jr., Haberfelde Bldg., Bakersfield.
Low Bidder: T. C. and W. H. Irwin, 908 Mildreda St., Fresno, (award recommended), \$36,519.
Award of general contract recommended on basis of total price less deduction of \$4,950 for heating and \$5,029 for alternate 1.

Following are total general bids:
General Work
T. C. & W. H. Irwin, Fresno, \$46,498.
E. C. Freye, \$48,250.
Frank Greenough, \$48,500.
Trewitt-Shields & Fisher, \$48,750.
Hodgson & Sons, \$48,875.
W. J. Ochs, \$49,771.
Fisher & McNulty, \$50,997.
R. W. Brown Constr. Co., \$54,786.
Heating Bids
Frank Hudson, 2141 S. Van Ness, Fresno, \$4,524.
E. A. Newman, \$4,925.
Heating bids held under advisement.

Stage Curtain & Equipment
Healey & Popovich, 818 Helm Bldg., Fresno, (award recommended) \$811.16.
Seating Equipment
Healey & Popovich, Fresno, (award recommended) \$3,892.34.

Preparing Plans
SCHOOL ADDITIONS
Est. cost, \$100,000
BAKERSFIELD, Kern Co., Calif.
Addition of new units to Longfellow, McKinley and Jefferson Schools.
Owner—Bakersfield Board of Education.
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
PWA grant allotted in the amount of \$49,500. 15

BONDS VOTED
PRESCOTT, Ariz.—The City of Prescott, Ariz., voted bonds August 13, in the amount of \$220,000 which proceeds will finance construction of a new high school bldg.; also \$19,525 bonds were voted to finance construction of an addition to the grammar school. 15

Preparing Working Drawings
SCHOOL. Est. Cost, \$15,000
EMPIRE, Stanislaus Co., Calif.
Frame school and concrete bus shed. (4 classrooms).
Owner—Empire Elementary School District.
Architect—G. N. Hilburn, 1211 K St., Modesto.
Previously reported in error that plans were being figured.

Bids Wanted—To Close September 7, 2 P. M.
SCHOOL BLDG. Est. Cost, \$43,240
OROVILLE, Butte Co., Calif.
Construction of one-story Industrial Arts bldg. at the high school.
Owner—Oroville Union High School District, Mildred Martin, Clerk.
Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.
Plans and specifications obtainable at the office of the architect, upon deposit of \$10, returnable.
Bid must be accompanied by certi-

fied or cashier's check or bid bond for 5% of amount of bid payable to the order of the Oroville Union High School District.
PWA grant of \$19,458 recently allotted.

BIDS WANTED
BURLINGAME, San Mateo Co., Cal.—Until August 30, 8 P. M., bids will be received by the Burlingame Elementary School District, M. B. Clawson, Acting Clerk, for alterations and additions to the electrical work at the Washington School, as outlined in specifications for the same obtainable at the office of L. D. Henderson, Supt. of Schools, McKinley School, Burlingame. 15

Bids Wanted—To Close September 2, 8 P. M.
ADDITION. Cost, \$30,900
SALINAS, Monterey Co., Calif.
Three classroom addition to the Santa Rita School.
Owner—Santa Rita School District (A. Martines, Clerk).
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
PWA grant of approx. \$13,900 recently allotted to aid in financing construction.
Plans and specifications obtainable at the architect's office upon deposit of \$25, returnable.
Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, payable to the clerk.

Funds Allotted
SCHOOL ADDITION
BERKELEY, Alameda Co., Cal. NE Milvia and Virginia Streets.
Second unit of Whittier Elementary School addition.
Owner—Berkeley Unified School Dist. Architects—P. L. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Alhston St., Oakland Structural Engineer—W. Adrian, 417 Market St., San Francisco.
PWA grant of \$49,188 allotted. The school board will probably set a date to advertise for bids at their next meeting, August 25.

Bids Wanted—To Close Sept. 2, 7:30 P. M.
ADDITION. Cost \$21,800
MONTEREY CO., Cal., near Soledad.
Addition of two classrooms (frame and stucco construction).
Owner—Mission Grammar Sch. District.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Bonds in the amount of \$12,000 were recently voted.
PWA grant of \$9,810 allotted.
Plans and specifications obtainable at the architects office upon deposit of \$15, returnable.
Bids will be opened at the Mission Grammar School, near Soledad.

Bids Wanted—To Close Sept. 6, 7:30 P. M.
SCHOOL ADDN. Est. cost, \$30,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco addition to the Washington School, consisting of music room, manual training room, domestic science room; composition roof, wood sash, etc.
Owner—Salinas City School District.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications obtainable at the architects office upon deposit of \$25, returnable.
Bids will be opened in the office of the Board, Salinas National Bank Bldg., Salinas.

Funds Asked
SCHOOLBLDG. Cost, \$25,000
POINT ARENA, Mendocino Co., Cal.
 One-story frame and stucco grammar school addition containing four classrooms, composition roof.
 Owner—Point Arena Union Grammar School District.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Application filed for PWA grant to aid in financing. Balance of funds will be supplied through bond election, for which date has not yet been set.
Bids Wanted — To Close Sept. 6, 7:30 P. M.

ADDITION Est. cost, \$30,000
SALINAS, Monterey Co., Calif.
 First unit, addition to the Junior College, consisting of five classrooms and offices.
 Owner—Salinas Union High School District.
 Architect—Charles E. Butner, 7 Winham St., Salinas.
 Structural Engineer—F. W. Kellberg, 320 Market St., S. F.

Plans and specifications obtainable from the architects office upon deposit of \$25, returnable.
 Bids will be opened at the office of the Board, Salinas National Bank Bldg., Salinas.
 Plans are being completed on section of the units. Est. cost of entire project \$381,800.

BIDS WANTED
GILROY, Santa Clara Co., Calif.—Until August 29, 3 P. M., bids will be received by the Gilroy High School District, Sydney S. Johnson, Clerk Board of Trustees, for new roofing on the Gilroy High School Gymnasium, Gilroy.
 Specifications prepared by Architect Harold H. Weeks, 593 Market St., S. F., are on file in the office of the District Superintendent of Schools, Gilroy.
 Certified check, cashier's check or bid bond for five per cent must accompany bid.

Prospective Bidders. Cost, \$32,000
GYMNASIUM UPPER LAKE, Lake Co., Calif.
 One-story frame and stucco gymnasium bldg. at Upper Lake High School.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Plans and specifications may be obtained from the architect upon deposit of \$15.00.
 Bids will be opened August 23, 8 P. M.
 Following contractors have taken out plans:
 A. O. Lightfoot, Upper Lake.
 R. S. Knight, Rt. 4, Box 662, Santa Rosa.
 John E. Branagh, 116 Monticello Ave., Piedmont.
 Robert, McCCarthy, 1363 14th Ave., San Francisco.
 Oliver S. Amalie, 1445 24th Avenue, San Francisco.

Bond Election Planned
ALTERATIONS & ADDITIONS.
COVERDALE, Sonoma Co., Calif.
 Alterations and addition to the high school.
 Owner—Cloverdale Union High School District.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
 The Cloverdale Union High School District is planning to hold an election in the near future to vote on a proposal to issue bonds in the amount of \$19,500, which proceeds will finance work.

BOND ELECTION
SAN MATEO, San Mateo Co., Calif.
 The City of San Mateo will vote Aug. 30 on a proposal to issue bonds in the amount of \$145,000 which proceeds will finance purchase of school and alterations and improvements to school bldgs.

Preliminary Plans Prepared
SCHOOL Est. cost, \$100,000
SANTA ROSA, Sonoma Co., Calif.
 Burbank School.
 One-story frame and stucco grammar school to contain 11 classrooms and auditorium.
 Owner—City of Santa Rosa School District.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
 Application filed for PWA grant of 45% of cost. Balance of funds to be secured by bond issue, for which date has not yet been set.

CONTRACT AWARDED
PASADENA, Los Angeles Co., Cal.
 —H. F. Miller, 7530 S. Hobart Blvd., Los Angeles, awarded contract by the Pasadena Board of Education at \$146,050, for rehabilitating the administration and auditorium, South Bldg. addition and shop bldg. at McKinley junior high school, Pasadena. Walter C. Folland, architect, 224 S Oak Knoll Ave., Pasadena. 15

BON SELECTION
ETNA, Siskiyou Co., Calif.—The Etna Elementary School District will vote Sept. 13 on a proposal to issue bonds in the amount of \$40,000, a portion of which proceeds will aid in financing construction of a new school bldg. at Etna. Application for PWA grant and appointment of architect to prepare plans contingent upon bonds being voted. 15

CONTRACT AWARDED
SAN FRANCISCO—Alta Roofing Co., 976 Indiana St., at \$289 awarded contract by the Department of Public Works, City Hall, for cleaning roof and covering same with three layers of felt and gravel at the Portola Jr. High School.

BIDS WANTED
SAN FRANCISCO—Until Aug. 24, 1:45 P. M. informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for cleaning of present roof at Edward Robeson Taylor School, Burrows and Somerset Sts., and covering with three layers of felt and gravel.
 Specifications obtainable from Supt. of Bldgs., R. A. Chisholm, 490 11th St.

Funds Allotted
SCHOOL Est. Cost, \$236,362
MILLBRAE, San Mateo Co., Calif.
 One-story and part basement reinforced concrete grammar school building, including landscaping.
 Owner—Millbrae Elementary School District.
 Architect—Masten & Hurd, 442 Post St., San Francisco.
 PWA grant of \$106,362 recently allotted, together with bonds voted in the amount of \$130,000 will finance construction.

Plans Completed
GYMNASIUM BLDG.
 Est. cost, \$55,000
NORTH SACRAMENTO, Sacramento Co., Calif. Grant High School.
 First unit of high school plant consisting of one-story frame with steel trusses, gymnasium bldg. to seat 1800; second unit consists of 12 room one-story addition including cafeteria, band & choral rooms, domestic science and art rooms, etc.
 Owner—Grant Union High School

District.
 Architect—Chas. F. Dean California State Life Bldg., Sacramento.
 Plans for first unit have been forwarded to State Division of Architecture for approval.
 Working drawings are now being completed on the second unit of work.
 Bonds were voted recently in the amount \$150,000, which proceeds, together with PWA grant will finance construction of entire project est. at \$250,000.

Award Recommended
ADDITION
CARUTHERS, Fresno Co., Calif.
 Concrete addition to high school bldg. (Shower & Locker Rooms building).
 Owner—Caruthers Union High School District.
 Architect—E. W. Peterson, Mason Bldg., Fresno.
Low Bidder: Harris Construction Co., 5777 McKinley St., Fresno \$16,953.

Recommendation made that contract be awarded low bidder.
 Complete bids follow:
 Harris Const. Co. \$16,953
 Trewthitt-Shields & Fisher 17,686
 W. J. Ochs 17,755
 L. H. Hansen & Sons 18,000
 R. Pedersen 18,353
 Fisher & McNulty 18,347
 T. C. and W. H. Irwin 18,987

Bids Opened
SHOP BUILDING
SUISUN CITY, Solano Co., Calif.
 Addition of frame and stucco manual training shop at the Crystal Grammar School and alterations to the present school building, including 130 squares of roofing.
 Owner—Suisun City Grammar School District (J. J. Finney, Principal).
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Low Bidder—Robert McCarthy, 1363 14th Ave., San Francisco, \$5,235.
 Complete bids were:
 Robert McCarthy \$5,235.00
 Frank M. Crane 5,600.00
 Welch Const. Co. 6,266.55

BIDS OPENED
SAN FRANCISCO—M. Greenberg Sons, 765 Folsom St., at \$156.00 submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing at the Cleveland School, Persia Ave. near Moscow St., complete architectural cast bronze letters forming two sets of signs reading "Cleveland School".
 Complete bids were:
 M. Greenberg Sons \$156.00
 Arnke Iron Works 190.00
 Anchor Post Fence Co. 210.00
 Federal Orn. Iron & Bronze 214.50
 Industrial Orn. Iron & Bronze & Wire Works 238.00

Preparing Preliminary Plans
ADDITION Est. Cost, \$100,000
CLOVIS, Fresno Co., Calif.
 Addition of science building, shop building and auto mechanics bldg.
 Owner—Clovis Union High Sch. Dist.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.
 Application filed for PWA grant of 45% of cost. Balance of funds to be secured through bond election, for which date has not yet been set.

Prospective Bidders
AUDITORIUM Cost, \$165,000
COALINGA, Fresno Co., Calif.
 One-story reinforced concrete and steel auditorium at the Coalinga High School.
 Owner—Coalinga Union High School District.
 Architect—W. D. Coates, Rowell Bldg., Fresno.

Bids will be opened Aug. 31, 8 P.M. Following have taken out plans:
 L. H. Hansen & Sons, P. O. Box 519, Fresno.
 Trewthitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
 N. H. Sjoberg & Son, 5604 E 16th St., Oakland.
 O. H. Strauser, 900 Dawson Ave., Long Beach.
 F. C. Stoltz, 1405 San Antonio Ave., Alameda.

Bids Opened
ALTERATIONS Cost, \$.....
 FRESNO, Fresno Co., Calif. State College Stadium.
 Remodel toilet building.
 Owner—Fresno State College, Fresno
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
 Low Bidder—W. J. Ochs, Helm Bldg., Fresno, \$2,680.
 Other bids were:
 Fisher & McNulty, Fresno.....\$3,219
 Trewthitt-Shields & Fisher.....3,000

Bids Wanted — To Close Sept. 7, 5 P. M.
DINING HALL Est. cost, \$32,100
 PETALUMA, Sonoma Co., Calif. Fair Grounds Sub-division, Fair St., Lots 1 and 2, Blk. 12.
 One-story frame and stucco dining hall (cafeteria) addition to high school.
 Owner—Petaluma City High School District.
 Architect—Brainerd Jones, 226 Washington St., Petaluma.
 PWA grant of \$14,445 together with funds on hand, will finance construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$15.00, returnable.
 Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid, payable to Petaluma City High School District.

CONTRACT AWARDED
 LOS ANGELES, Cal.—S. Giannone, 2137 Vallejo St., Los Angeles, awarded contract by Puente Union High School District on a base bid of \$38,424 for construction of a one-story shop building, 70x140 ft. in area, at the high school in Pridente. Samuel E. Lunden, arch., 400 Rowman Bldg., Los Angeles. 15

BOND ELECTION
 SOLANO and Sacramento Counties, Cal.—The Rio Vista Joint Union High School District will vote Sept. 12 on a proposal to issue bonds in the amount of \$60,000 which proceeds will be used to finance construction of alterations and improvements to school buildings. 15

BOND ELECTION
 SACRAMENTO, Cal.—The City of Sacramento will vote Sept. 27, on a proposal to issue bonds in the amount of \$425,000, which proceeds, together with PWA grant allotted of \$309,800, will finance construction of alterations and improvements to school buildings. 15

Bids Wanted to Close Sept. 9, 2 P.M.
LIBRARY Cost, \$27,000
 CHIENY Wash., Eastern Washington College of Education.
 Two-story fireproof library bldg. (150x98-ft.)
 Owner—Regents of Eastern Washington College of Education.
 Architect—George M. Rasque & Son, Washington Trust Bldg., Spokane.
 Plans and specifications obtainable at the architect's office.

LOW BIDDER
 MOORPARK, Ventura Co., Calif.—Brunzell & Jacobson, 2150 Princeton

Ave., L. A., submitted low bid to Moorpark Memorial Union High Sch. District at \$71,214, for a new main bldg. to be constructed at the Moorpark high school. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., L. A. 15

BIDS WANTED
BARSTOW, San Bernardino Co., Calif.—Until Sept. 6, 7:30 P. M., bids will be received by the Barstow Union High School District for construction of a dressing room and locker bldg., assembly-gym and cafeteria bldg. at Barstow High School, PWA project. Plans and specifications may be obtained from Architect E. Chas. Parke, 1 Fuller Bldg., San Bernardino, upon deposit of \$25. Certified or cashier's check or bond for 5% required. Cost, \$250,000. 15

CONTRACT AWARDED
 LOS ANGELES Calif.—Harry F. Miller, 7530 S. Hobart Blvd., L. A., submitted low bid and was awarded contract by Upland School District at \$247,750 (subject to PWA approval), for a new elementary school bldg. to be built on Fifth Ave., near Arrow Highway. Upland, Marsh, Smith & Powell, 508 Architects' Bldg., L. A., architects. 15

Preparing Preliminary Plans
SCHOOL
 KEENE COUNTY, Calif., Arvin School District.
 Frame and stucco, 10 classroom addition; composition roof, steel sash, linoleum floor covering.
 Owner—Arvin School District.
 Architect—Frank Wynkoop, Habersfalds Bldg., Bakersfield.
 Application filed for PWA grant.

BID OPENED
 SAN FRANCISCO—J. W. Bender Roofing & Paving Co., 18th and Bryant Sts., at \$849 submitted only bid and was recommended for award of contract by Dept. of Public Works, City Hall, for cleaning off present roof at Edward Robeson Taylor Sch., Burrows and Somerset Sts., and covering with three layers of felt and gravel. 6

CONTRACT AWARDED
 SAN FRANCISCO—M. Greenberg Sons, 765 Folsom St., at \$156 awarded contract by the Department of Public Works, City Hall, for furnishing and installing at the Cleveland School, Persia Ave. near Moscow Street, complete architectural cast bronze letters forming two sets of signs reading "Cleveland School".

BIDS OPENED
 SAN FRANCISCO—E. Sugarman, 2634 Geary St., at \$17,834 submitted low bid to the Department of Public Works, Room 251, City Hall, for heating equipment for the classroom bldg. at the High School of Commerce, Franklin and Fell Streets.
 Complete bids were:
 E. Sugarman\$17,834
 James A. Nelson, Inc.17,988
 Anderson & Rows18,459
 Alta Elic. & Mech. Co.19,000
 Herman Lawson Company....19,130
 O'Mara & Stewart19,352
 Skelly & Kohler19,650
 Jas. H. Pinkerton Co.19,776
 Knittle Brothers20,327
 Henry Ernst & Sons.21,547

Plans Completed
SCHOOL ADDN. Cost, \$75,000
 SALINAS, Monterey Co., Calif. Alisal Elementary School.
 Alterations involving converting old auditorium into two classrooms and addition of two classrooms and new auditorium.

Owner—Alisal Un. Elementary Sch. District.
 Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 Plans on first unit of work for alterations now in Sacramento awaiting approval of State Division of Architecture.
 Bonds voted in the amount of \$48,000, together with PWA grant will finance construction.

Bids Wanted — To Close August 31, 8 P. M.
ADDITION Cost\$.....
 GEYSERVILLE, Sonoma Co., Calif. Addition of classroom at grammar school.
 Owner—Geyserville Grammar School District.

Architect—John Easterly, 310 Exchange Bank Bldg., Santa Rosa.
 Plans and specifications obtainable from the architect's office, upon deposit of \$10.
 Bids will be opened at the grammar school.

BOND ELECTION
 SACRAMENTO, Calif.—The City of Sacramento will vote Sept. 19 (date advanced from Sept. 27) on a proposal to issue bonds in the amount of \$425,000, which proceeds, together with PWA grant allotted of \$309,800, will finance construction of alterations and improvements to school buildings. 16

Contract Awarded
SCHOOL Cont. Pr., \$173,333
 SPARKS, Nevada.
 Brick grammar school (15 classrooms, library and auditorium), oil burning steam heating system, steel sash, rubber tile flooring, etc.
 Architect—DeLongchamps & O'Brien, Gazette Bldg., Reno, Nevada.
 Contractor—J. C. Dillard, Box 856, Reno.

Other bids were:
 M. B. Peterson, Sacto., \$192,263.
 K. E. Parker Co., S. F., \$193,700.
 Sierra Constr. Co., \$197,323.

Bids Opened
GYMNASIUM
 UPPER LAKE, Lake Co., Calif.
 One-story frame and stucco gymnasium bldg. at Upper Lake High School.
 Owner—Upper Lake Union High Sch. District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Low bidder: Oliver S. Almlie, 1445 24th Ave., San Francisco, \$27,467.
 General bids received with following alternate proposals, all deductions: (1) omit 1 inch acoustical board in playing floor, (2) if just piping for heating system is installed, (3) omit bleachers and trucks; (4) double hung windows in lieu of awning type; (5) steel trusses in lieu of lamella roof construction.
 Complete bids follow:

Oliver S. Almlie, S. F., \$27,467, (1) \$780, (2) —, (3) \$500, (4) —, (5) \$1,240.
 R. S. Knight, Santa Rosa, \$29,947, (1) \$680, (2) \$1,800, (3) \$423, (4) \$300, (5) \$750.
 Robert McCarthy, S. F., \$30,918, (1) \$350, (2) —, (3) \$438, (4) \$300, (5) —.
 A. O. Lightfoot, Upper Lake, \$32,300, (1) \$900, (2) \$3,120, (3) \$440, (4) \$315, (5) \$1,300.

Bids held under advisement. Announcement shortly.

BIDS WANTED
 SAN FRANCISCO—Until Sept. 14, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for (1) general construction of Toilet building at Burnett school, Newcomb Ave. and Lane St.; est. cost, \$4,500, and (2)

plumbing work for same, est. cost, \$3,500.

Plans obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.00.

Prospective Bidders
ADDITION Cost, \$30,900
SALINAS, Monterey Co., Calif.
 Three classroom addition to the Santa Rita School.

Owner—Santa Rita School District (A. Martines, Clerk).
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Bids will be opened Sept. 2, 8 P.M.
 PWA grant of approx. \$13,900 recently allotted to aid in financing construction.

Plans and specifications obtainable at the architect's office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, payable to the clerk.

Following have taken out plans:
 F. C. Stolte Co., 203 Pine St., Pacific Grove.

J. R. Armstrong, 1131 Fleet Road, Oakland.

Albert Station, 429 Front St., Salinas.

John E. Branagh, 116 Monticello Ave., Piedmont.

Bonds Voted
ADDITION Est. cost, \$130,000
WOODLAND, Yolo Co., Calif.
 New 2-story wing addition to Woodland High School.

Owner—Woodland Elementary School District.
Architect—Dragon & Schmidts, 2063 Allston St., Oakland.

The Woodland high school district voted bonds Aug. 23 in the amount of \$75,000, which proceeds, together with PWA grant will finance construction.

BIDS OPENED
KERN CO., Cal.—F. A. Greenough, 2931 22nd St., Bakersfield, at \$3,391 submitted low bid to the Mountain View School District for the construction of a frame addition to the Mountain View school in Kern Co. Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Complete bids were:
 F. A. Greenough.....\$3391.00
 James Moore.....3959.90
 C. C. Foley.....4174.00
 Guy E. Hall.....4316.00
 Elliott & Knight.....4447.00
 Hubbard & Son.....4589.00
 Carter & Fowler.....4839.00
 All of Bakersfield.

16—BANKS, STORES AND OFFICES

Contracts Awarded
ALTERATIONS
SACRAMENTO, Calif. Capitol Bldg.
 Alterations to office and committee rooms in Capitol Bldg.
Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

General Work
 H. W. Robertson, 3004 F St., Sacramento, \$5,729.

Air Conditioning
 M. R. Carpenter, 907 Front St., Sacramento, \$4,401.

Electric Wiring
 Luppen & Hawley, Inc., 3126 J St., Sacramento, \$1,914.

STORE BLDG., Cont. Pr., \$12,600
SAN FRANCISCO, West Portal Ave. near 14th Avenue.

One - story frame and stucco store building (75x70-ft.).

Owner—Martin Stelling, Jr.
Architect—Earle Bertz, 681 Market.

Contractor—G. W. Williams Co., 10 California Drive, Burlingame.
 Complete bids were:
 G. W. Williams Co., Burlingame.....\$12,600
 Miller Const. Co., S. F.....12,998
 G. P. W. Jensen & Sons, Inc.....13,400
 J. Harold Johnson.....13,787
 Moore & Roberts.....13,900
 H. H. Larsen Co.....14,323

CONTRACT AWARDED
LOS ANGELES, Cal.—P. F. Kalk-er Co., 3900 Whiteside Ave., awarded contract for alterations to Severance Bldg., located on the NW cor. of 6th and Main Sts. Otis Elevator Co., 300 E 8th St., has contract for modernization of elevator. Samuel E. Lunden, architect, 400 Rowman Bldg. 16

Construction Underway
DRIVE-IN MARKET Cost, \$25,000

YREKA, Siskiyou Co., Calif.
 One-story modernistic market bldg. **Owner**—Purity Store, Inc.
Plans by Eng. Dept. of Owner.
Contractor—Younger Bros., Inc., Che-da Bldg., San Anselmo. 16

Construction Underway
STORE BLDG., Mill Valley, Marin Co., Calif.

Blithedale and Sunnyside Ave.
 One-story reinforced concrete store building.
Owner—Jacob Albert, Mill Valley.
Lessee—Safeway Stores, Inc.
Contractor—Leibert & Trobeck, Albert Bldg., San Rafael. 16

Planned
STORE BLDG. Est. cost, \$75,000

EUREKA, Humboldt Co., Calif. F St. bet. Fourth and Fifth Sts.
 Two-story reinforced concrete store building.
Owner—F. W. Woolworth Company.
Plans by Eng. Dept. of Owner. 16

Sub-Contracts Awarded
ALTERATIONS Cost \$10,000
SAN FRANCISCO, 153 Geary Street.

Alterations to store bldg.
Owner—Edison Bros. Stores, Inc., c/o contractor.
Architect—Not given.

Contractor—Lindgren and Swinerton, Inc., 225 Bush St.

Plastering—Peter Bradley, 639 Bran-nan St.

Steel—Soule Steel Co., 1750 Army St.
Marble—Vermont Marble Co., 525 Market St.

Glass, Metal Bars & Mirrors—W. P. Fuller & Co., 301 Mission St.

Terrazzo—California Terrazzo Marble Co., 2085 Bruno Ave.
Lettering—McNeill-Steinberg Mfg. Co., 36 Clyde St.

Plumbing—James A. Nelson, Inc., 1375 Howard St.

Electric Wiring—Atlas Electric and Engineering Co., 956 Folsom St.

Painting—Fred Rienecker, 91 Eling-ton Ave. 16

Contract Awarded
STORE BLDG. Cost, \$50,000

SAN MATEO, Calif. Third and Ellsworth Aves.
 One-story concrete market building. (61x115-ft.)

Owner—Lawrence Baleri, Palo Alto.
Architect—Not given.
Contractor—Wells P. Goodenough, 49 Wells Ave., Palo Alto. 16

Bids opened
ALTERATIONS
SACRAMENTO, Calif. 911 12th St.

Alterations to office quarters.
Owner—State of California.
Architect—George M. McDougall, State Architect, Public Works Bldg., Sacramento.

Separate bids received for general work and electric work.

Complete bids follow:
General Work
 Chas. F. Unger, 2426 7th Avenue, Sacramento, \$1538.
 C. J. Hopkinson, \$1724.
 Henry Finnigan, \$1860.
 Lawrence Construction Co., \$2486.
 H. W. Robertson, \$2790.

Electric Work
 J. C. Hobrecht, 2233 Portola Way, Sacramento, \$1337.
 Geo. Foss, \$1603.
 E. H. Wilmunder, \$1887.
 Luppen and Hawley, \$1750.
 Rex Moore, \$1796.
 E. L. French, \$1806.

Segregated Contracts Awarded
BANK Est. Cost, \$35,000

CARMEL, Monterey Co., Cal. Ocean Avenue and Dolores Street.

One - story and basement reinforced concrete Class C bank building.

Owner—Bank of Carmel.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Excavation—S. Ruthven, P. O. Box W, Railroad Ave., Seaside.
 Concrete up to 1st floor—William P. Sweeney, 863 Lighthouse Avenue, Pacific Grove.

17— THEATRES

Bid Opening Postponed Until Sept. 1, 2 P. M.

THEATRE
OAKLAND, Ala. Co., Calif. Hopkins and Brown Sts.

One-story and balcony theatre (to seat 900) reinforced concrete construction.

Owner—State Wide Theatre Co.
Architect—A. A. Cantin, 64 Pine St., San Francisco.

Following will submit bids:
 Cahill Bros., 206 Sansome St., S.F.
 Moore & Roberts, 963 Mission St., S. F.

A. J. Hopper, 1769 Pleasant Valley Road, Piedmont.
 Fred Saith, 25 Taylor St., S. F.
 D. W. Nicholson, 357 12th St., Oak.
 Postponed from Aug. 22.

Add. Sub-Contract Awarded
THEATRE Cost, 124,960

EUREKA, Humboldt Co., Cal. Sixth Street between E and F Streets.

Three-story reinforced concrete theatre and one-story store bldg.

Owner—Redwood Theatres, Inc. (Geo. M. Mann, Pres.), 988 Market St., San Francisco.

Mgr. of Const.—William B. David.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.

Structural Steel—Herrick Iron Works, 1729 Campbell St., Oakland.

18— WHARVES & DOCKS

Bids Opened
ADDITION
STOCKTON, San Joaquin Co., Calif.

Deep Draft Terminal.
 Additions to Units C, D & E, Stockton Terminal (cotton compress) reinf. concrete foundations, concrete floors, brick firewalls, corrugated iron and frame side-walls, wood roof decking, com- position roofing, wooden interior supports, automatic sprinkler system, underground water mains.

Owner—Stockton Port District (B. C. Ailin, Secretary).

Plans by Engr. Dept. of Owner.
 Low Bidder—O. H. Chain, 41 South Sutter St., Stockton, \$70,000.

Bids received as follows: (1) lump sum bid; (2) column extension per lin. ft.; (3) excavation for grading per cu. yd.; (4) reconstruction road per A. ln. ft.; (5) fire sump No. 4; (6) fire sump No. 5.

Complete bids were:

O. H. Chain, Stockton: (1) \$70,000; (2) \$5; (3) \$50; (4) \$1.25; (5) \$600; (6) \$600.

C. E. Totten, Stockton: (1) \$71,589; (2) \$2.25; (3) \$40; (4) \$70; (5) \$586; (6) \$844.

J. S. Metzger & Son, Los Angeles: (1) \$73,000; (2) \$2; (3) \$75; (4) \$3; (5) \$350; (6) \$350.

M. J. B. Const. Co., Stockton: (1) \$73,526; (2) \$3; (3) \$30; (4) \$65; (5) \$463; (6) \$463.

B. A. Howkins, San Francisco: (1) \$74,473; (2) \$3.50; (3) \$40; (4) \$1; (5) \$350; (6) \$350.

F. Kaus, Stockton: (1) \$75,110; (2) \$2.25; (3) \$1.50; (4) \$1; (5) \$350; (6) \$350.

Shepherd & Green, Stockton: (1) \$75,297; (2) \$17; (3) \$55; (4) \$1.25; (5) \$425; (6) \$425.

Trewitt-Shields & Fisher, Fresno: (1) \$75,400; (2) \$2.10; (3) \$35; (4) \$1.30; (5) \$350; (6) \$350.

F. C. Stolte Co., Alameda: (1) \$75,800; (2) \$30; (3) \$50; (4) \$1; (5) \$460; (6) \$450.

George Roek, Stockton: (1) \$76,400; (2) \$1.25; (3) \$45; (4) \$95; (5) \$352; (6) \$348.

D. W. Nicholson, Oakland: (1) \$78,980; (2) \$5; (3) \$50; (4) \$1; (5) \$550; (6) \$400.

C. H. Dodd, Stockton: (1) \$82,920; (2) \$5; (3) \$45; (4) \$68; (5) \$450; (6) \$450.

Bids held under advisement for about one week.

(305) 1st report Aug. 3, 1938. 18

BIDS REJECTED

LOS ANGELES, Cal.—Los Angeles Harbor Commission rejected all bids received April 13 for manufacturing and driving reinforced concrete bearing piles for wharf at Berths 57 to 60, Los Angeles Harbor; Spec. 976. The project will probably be re-advertised as a PWA project. 18

19—MISC. CONSTRUCTION

CONTRACT AWARDED

LOS ANGELES, Calif.—Emasco Concrete Cutting Corp., 1517 S. Santa Fe Ave., awarded contract by L. A. Board of Education at \$833, for demolition of West bldg. "B," East bldg. "A" and 1916 auditorium at the Hyde Park School, 3140 W. Gage Ave. 19

BIDS WANTED

CHINO, San Bernardino Co., Cal.—Until Sept. 9, 10:00 A. M., bids will be received by the State Board of Prison Directors, through Architects Walker & Eisen, 904 Pacific Commerce Bldg., L. A., for furnishing and erecting concrete piling for a reservoir to be located on the site of the California State Prison, Chino. Plans and specifications may be obtained at the office of the architects. 19

CONTRACT AWARDED

PORTLAND, Oregon.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$779,493 awarded contract by the U. S. Lighthouse Dept., Washington, D. C., for construction and completion and delivery of two light-house tenders, for Portland. 19

BIDS OPENED

GRAND COULEE, Wash.—Westinghouse Electric & Mfg. Co., Denver, at \$2,611,000 submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 787, for furnishing and installing three 198,000-kv-a. unity-power-factor, 120-v.-t.p.m., 13,800-volt, 3-phase, 60-cycle, vertical, shaft, alternating current generator for the Grand Coulee power plant, Columbia Basin Project, Wash. Total bids follow:
Westinghouse Elec. & Mfg. Co.,

Denver, \$2,611,000; wt. 7,100,000; fob East Pittsburgh, Pa.

General Electric Co., \$2,686,489; wt. 7,290,000; fob Schenectady; wt. 76,500, fob Ft. Wayne, Ind.

Allis-Chalmers Mfg. Co., Milwaukee, \$2,754,727; wt. 6,123,000; fob Milwaukee. 19

BIDS OPENED

EL CENTRO, Imperial Co., Calif.—Johnson & Kelly, P. O. Box 29, Anaheim, submitted low bid to Imperial Irrig. Dist., for construction transmission lines under Spec 13.

The bids were:
Johnson & Kelly—(Sch.1), \$28,602.46; (2) \$39,795.45; (3) \$18,794.12; (4) O. Beale—(1) \$31,792.20; (2) \$40,654.99; (3) no bid.
Fritz Ziebarth—(1) \$33,204.18; (2) \$46,859.90; (3) \$21,054.52.

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—A. C. Anderson, 4775 19th Street, Sacramento, at \$3,373.00 submitted low bid to the Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-39-1, for construction and completion of concrete compass swinging base at Sacramento Air Depot.

Eaton & Smith, San Francisco, at \$3,963 submitted only other bid. * 19

BIDS OPENED

LOS ANGELES, Calif.—Emasco Concrete Cutting Corp., 1517 S. Santa Fe Ave., submitted low bid to L. A. Board of Education, at \$833, for demolition of West bldg. "B," East bldg. "A" and 1916 auditorium at the Hyde Park school, 3140 W. Gage Ave. Other bids were: Mead Wrecking Co., \$834; Kliss Crane Service, \$874.80; World Wrecking Co., \$1177; Cleveland Wrecking Co., \$1495; Acme Lbr. & Wrecking Co., \$1500; California Wrecking Co., \$1575; B. G. Karn, \$2141; L. A. Wrecking Co., \$2439. 19

Preparing Plans

GRANDSTAND. Est. cost, \$111,000. FRESNO, Fresno Co., Calif. Fresno District Fairground. Construction of new reinforced concrete grandstand.
Owner—City of Fresno.
Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.

BIDS OPENED

SACRAMENTO, Calif.—Olympian Dredging Co., 249 First Street, San Francisco, at \$2,143 submitted low bid to the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-41, for removing and disposing of the Barge "Kentucky" sunk in the Sacramento River.

Bundesen & Lauritzen, Pittsburg, at \$2,250 submitted only other bid. 19

BIDS OPENED

OXNARD, Ventura Co., Calif.—Cannon Bros., Compton, at \$6,475 submitted the low bid and will be awarded contract by the Santa Clara River Protective Assn., Oxnard, for furnishing and driving approx. 575 second hand steel rails, 30 ft. long, to weigh not less than 60 lbs. per yd., in bed of Santa Clara River, west of Oxnard, penetration 22 ft. G. Fitzgerald, engr., Camarillo. Bid opening was postponed from Aug. 12 to Aug. 18.

There were nine bids, details of the others not being disclosed. 19

CONTRACT AWARDED

PIACER CO., Calif.—Continental Drilling Co., 924 E. Pico St., Los Angeles, at \$1,315, awarded contract by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room

208, Post Office Bldg., Sacramento, under Bid No. 1105-39-4, for drilling, removing cores and capping a minimum of five test holes, three vertical and two inclined, at the site of the proposed Ruck-A-Cluck Dam for the storage of mining debris on the Middle Fork of the American River about 21 miles by road northeasterly of Auburn. 19

BIDS WANTED

BONNEVILLE, Ore.—Until Sept. 19, 10:30 A. M., bids will be received by the Bonneville Project, J. D. Ross, Administrator, Failing Bldg., Portland, for 1355 steel towers ranging up to 70-ft. in height to be used on 220,000 volt transmission line that will "tie" Bonneville Dam to Grand Coulee. About 50% of the towers will be 62-ft. in height. Specifications call for variety of gavi. steel structures, including suspension, dead-end angle, transposition and river crossing towers; footings for towers will number 474 and will extend 8 to 10 ft. below ground surface. In addition to towers and footings, about 2,000,000 lbs. of additional steel equipment will be purchased.

Plans and specifications available from above office. * 19

CONTRACT AWARDED

WASHINGTON, D. C.—Palmer Scott & Company, New Bedford, Mass., at \$5,534 each awarded contract by the U. S. Coast Guard, Treasury Dept., Washington, D. C., for construction of four picket boats for the West Coast. 19

BIDS WANTED

PORTLAND, Ore.—Until Sept. 19, bids will be received by the Bonneville Project, Failing Bldg., Portland, for 358 steel towers to support transmission lines between Bonneville dam and Vancouver, Wash.

Double line of towers, most of which will be 70-ft. high, will extend 36 miles along the Washington side of Columbia. Bids to be submitted also on 750,000 lbs. of leg extensions, stubs, anchors and special structures. 19

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$10,998 awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 500 tons of macadam rock and 1900 tons screening. 20

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 2, 2 P. M., bids will be received by the L. A. Water and Power Purchasing Agent for:

- (1) Pole Line Hardware:
(a) cross arm bolts;
(b) 100 10-in. long;
(c) 450 11-in. long;
(d) 380 12-in. long;
(e) 14 14-in. long;
(f) 26 16-in. long;
(g) 26 18-in. long;
(h) 18 14-in. long;
(i) 52 16-in. long;
(j) 52 18-in. long.
(2) Double ended bolts:
(a) 18 14-in. long;
(b) 52 16-in. long;
(c) 52 18-in. long.
(3) 2100 cross arm braces;
(4) 485 single-circuit transportation brackets:
(a) 2120 $\frac{3}{8}$ -in. x 2 $\frac{1}{4}$ -in. fetter drive screws;
(b) 1070 $\frac{1}{2}$ -in. x 4 $\frac{1}{2}$ -in. fetter drive screws;
(c) 1050 10-ft. 10- $\frac{1}{2}$ in. cross arms;
(d) 15,210 dbl. peticot glass insulators.

- (b) 14,500 1/2-in. galv. steel pins;
- (c) 46 3/4-in. galv. steel pins. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—General Elec. Co., at \$58,600 was awarded the contract by the L. A. Water and Power Commission for coupling capacitors and potential devices and wave traps. Spec. 2669. * 20

BIDS OPENED

SACRAMENTO, Calif.—Johnston Rock Co., Weber Ave. and E St., Stockton, at \$520, disc. 5c per ton 10 days submitted low bid to the U.S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-27, for furnishing and delivering 800 tons riprap stone for Wing Dam in the vicinity of Sacramento; f.o.b. (a) railroad cars at bidder's plant and (b) Sacramento. Bids were:

Johnston Rock Co., Weber Ave. & E St., Stockton, (a) \$0.55, total \$520, disc. 5c per ton 10 days.
 G. L. Scofield Inc., (a) \$1.00, total \$800, no disc.

Union Granite Company, (a) \$1.74, total \$1400, 2% 10 days.

Victor Wickman, (a) \$1.80, total \$1440, 3% 10 days.

Spearman & Jones, (b) \$4.50, total \$3600, 2% 10 days. * 20

BIDS OPENED

SAN FRANCISCO.—Max Rosenberg, 58 Merlin St., San Francisco, at \$0.93 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Quot. No. 6553, for furnishing and delivering 500 c.y. of loam to Lafayette Square. A. A. Fields at \$1.00 submitted only other bid. * 20

BIDS OPENED

SAN FRANCISCO.—Max Rosenberg, 58 Merlin St., San Francisco, at 68c submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2072, for furnishing and spreading approx. 5,000 c.y. of loam for Golden Gate Pk. Total bids follow:

Max Rosenberg, S. F.	.....\$0.69
West Construction Co.	..... .73
Devincenzi & Haskins	..... .70
Devincenzi Bros. & Co.	..... .80
Consumers Rock & Cement Co.	..... .97

BIDS OPENED

FT. MASON, Cal.—Following submitted bids to the Construction Q.M., San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-8 for furnishing: (1) 700 pieces of structural clay tile; (2) 50 ft. fire-clay flue lining; (3) one 12-in. fire-clay chimney; and (4) one 4-in. fire-clay chimney; fob Presidio of S. F. Bids were:

Gladding, McBean & Co., (1) \$0.21; (2) \$3.0264; (3) \$1.35; (4) \$0.58; 2% 30 days.

United Materials & Richmond Brick Co., (1) \$0.225; 5% 30 days.

N. Clark & Sons, (2) \$3.0264; (3) \$1.35 (4) \$0.58; 2% 30 days. * 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—The Palm Iron & Bridge Works, P.O. Box 746, Sacramento, at \$313, net, f.o.b. Sacramento, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6064, for 50-ft. trall bridge, including all structural steel, bolts for field connections, bolts for superstructure and all misc. steel necessary for the erection of the West Walker River Bridge. * 20

BIDS WANTED

OAKLAND, Calif.—Until Sept. 6, 7:45 P. M. bids will be received by the Playground Directors of the City of Oakland, R. W. Robertson, Secretary, Room 317, City Hall, Oakland, for furnishing athletic supplies to the Recreation Department for the remainder of the fiscal year ending June 30, 1939; and for a tractor. Plans and specifications available from above office. * 20

BIDS WANTED

EL PASO DE ROBLES, San Luis Obispo Co., Calif.—Until Sept. 6, 5:00 P. M., bids will be received by the El Paso de Robles City Council, S. S. Tucker, City Clerk, El Paso de Robles for furnishing of supplies, as follows:

- Pump House Project
 - (1) 19,200 ft. lumber;
 - (2) 10,080 sacks cement;
 - (3) 112 yds. sand;
 - (4) 129 yds. gravel;
 - (5) 22,019 lbs. steel;
- Fire House Project
 - (1) 17,200 feet lumber;
 - (2) 560 sacks cement;
 - (3) 62 yds. sand;
 - (4) 66 yds. gravel;
 - (5) 9,350 lbs. steel.

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until August 31, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for furnishing 3,000 gallons of white lacquer for traffic markers. Plans and specifications obtainable from the above office. * 20

CONTRACT AWARDED

SEATTLE, Wash.—Commercial Boiler Works, 53 W. Lander Street, Seattle, at \$19,923.72 awarded contract by the Board of Public Works, 509 County-City Bldg., Seattle, for two 72-inch diameter steel pipes, steel trash rack and guldes for Ruby Dam. * 20

August 23, 1938

BIDS OPENED

FORT MASON, Cal.—The following submitted bids to the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-6, for 50,600 lbs. of reinforcement bars; fob Presidio of San Francisco.

- Bids taken on:
 - (1) 3800 lbs. 3/8-in. round, per cwt.;
 - (2) 45,000 lbs. 1/2-in. round, per cwt.;
 - (3) 1800 lbs. 1/2-in. square, per cwt.;
 - (4) 1 lot reinf. bars, as per drawing and spec.

Bids were: Gilmore Fabricators, Inc., (1) \$2.805 (2) \$2.605; (3) \$2.605; (4) \$114.65; 1/2% 10 days.

A. M. Castle & Co., (1) \$3; (2) \$2.50 (3) \$2.80; (4) no bid; 1/2% 10 days. Ceco Steel Prod. Corp., (1) \$2.60; (2) \$2.40; (3) \$2.40; (4) \$107; 1/2% 10. Soule Steel Co., (1) \$3.025; (2) \$2.825; (3) \$2.825; (4) \$129.80; 1/2% 10. Bethlehem Steel Co., (1) \$2.90; (2) \$2.70; (3) \$2.70; (4) \$122; 1/2% 10 da. Herrick Iron Works, (1) \$2.85; (2) \$2.65; (3) \$2.65; (4) \$127.47; 1/2% 10. W. S. Wetenhall Co., (1) \$3.175; (2) \$2.975; (3) \$2.975; (4) \$132.95; 1/2% 10. Truscon Steel Co., (1) \$3.175; (2) \$2.975; (3) \$2.975; (4) \$140; net. * 20

August 23, 1938

COMPLETE BIDS

WASHINGTON, D. C.—Following are complete bids submitted to the Quartermaster Depot, War Dept., Washington, D. C., under Pro. 950-27,

for 500,000 bbls. Portland cement: Monolith Portland Cement Co., Los Angeles, 500,000 bbls. of cement at \$1.68 paper sacks; \$1.58 cloth sacks. Disc. 10c per bbl. 10c allowance for returned sacks. Plant at Monolith, Calif. Minimum quantity supplied during the month of Sept., 15,000 bbls; October, 40,000 bbls; Nov. 50,000 bbls. Santa Cruz Portland Cement Co., San Francisco, 500,000 bbls at \$2.10 paper sacks; \$2.30 cloth sacks. No disc. 10c allowance for returned sacks. Storage: Alameda, Calif.; mill, Davisport, Calif.

Riverside Cement Co., Los Angeles, 500,000 bbls. at \$1.70 paper sacks; \$1.90 cloth sacks. No discount. 10c allowed for returned sacks. Plant, Crestmore, Calif. Pacific Portland Cement Co., San Francisco, 500,000 bbls. at \$1.737 paper sacks; \$1.937 cloth sacks. No discount. 10c allowed on returned sacks. Delivery Redwood Harbor. Calaveras Cement Co., San Francisco, 500,000 bbls. at \$1.85 paper sacks; \$2.05 cloth sacks. 10c per bbl. discount. 10c allowed for returned sacks. Delivery Kentucky House. Henry Cowell Lime & Cement Co., San Francisco, 500,000 bbls. at \$1.85 paper sacks; \$2.05 cloth sacks. 10c discount. 10c allowed for returned sacks. Delivery Cowell, Calif.

Superior Portland Cement Co. Inc., Seattle 10,000 bbls. only at \$2.50 paper sacks; \$2.75 cloth sacks; 10c per bbl discount. 10c allowed for returned sacks. Delivery Concrete or Seattle.

Portland Cement Company of Utah, Salt Lake City, 30,000 bbls. only at \$2.70 paper sacks; \$3.10 cloth sacks. 10c discount. 15c allowed for returned sacks. Delivery Salt Lake City.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—E. F. Hilliard, 1355 43rd St., Sacramento, at \$2,087 submitted low bid and was awarded contract by the Sacramento County Purchasing Department, for crushed rock screenings asphalt in place, Mariposa, Sonoma and Plumas Aves., North Sacramento. Total bids follow:

E. F. Hilliard, Sacramento	.....\$2,087.00
A. Teichert & Son, Inc.	..... 2,105.00
J. R. Reeves	..... 2,205.00
L. G. Lentz	..... 2,207.00
McGillivray Const. Co.	..... 2,297.00

BIDS OPENED

KENDRICK PROJECT, Wyo.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo. under Spec. No. 1104-D, for furnishing and delivering precast reinforced concrete pipe for use in the construction of structures on the Kendrick project, Wyo.; f.o.b. bidder's shipping point and/or storage yard at the manufacturing plant in Casper, Wyo. Pipe will be installed by the Government.

Bids were: Elk River Concrete Products Co., of Montana, (2) \$18,390, wt. 2,332,400; 2% 20 days; f.o.b. Casper, Wyo. Lock Joint Pipe Co., Denver, (1) \$14,315, wt. 2,316,500; f.o.b. Denver; (2) \$16,380, wt. 2,316,500; f.o.b. Casper; 2% 30 days.

Utah Concrete Pipe Co., Salt Lake City, (2) \$18,540, wt. 2,380; 2% 30 days; f.o.b. Casper. Collins Concrete & Steel Pipe Co., Portland, (2) \$14,287; net; f.o.b. Casper, Wyo. * 20

CONTRACT AWARDED

OAKLAND, Cal.—Acme Transportation, Inc., 1020 44th Ave., Oakland, at \$3,784 awarded contract by the Oakland Port Commission, foot of Grove Street, Oakland, for furnishing 325 tons of asphalt road oil and 60 tons of emulsified road oil.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewars & Sewage Disposal Plants
24.—Sl. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Syst.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

CONTRACT AWARDED

TULARE CO., Calif.—Trehwitt-Shields and Fisher, Pacific Southwest Bldg., Fresno, at \$36,792.90 (deducting item 2 at \$4,185 from the total bid of \$40,950.90 (submitted low bid and awarded contract by the Tulare Co. Board of Supervisors, Gladys Stewart, County Clerk, Court House, Visalia, for the construction of a structural steel truss bridge, consisting of three spans with reinforced concrete piers and abutments, located near Three Rivers, Tulare Co., Calif.

Work involves:

- (1) 754 c.y. structure excavation;
- (2) 6,600 c.y. imported borrow;
- (3) 50,319 lbs. bar reinf. steel;
- (4) 530 c.y. Class A Portland cement concrete;
- (5) 1 lot structural steel;
- (6) 1 lot painting.

Total bids follow:

- (A) Trehwitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, \$40,950.90.
- (B) J. S. Metzger & Son, Los Angeles, \$43,813.08.
- (C) A. H. Siemer & John Carcano, San Anselmo, \$45,360.90.

Unit prices follow:

	(A)	(B)	(C)
(1)	3.00	6.00	5.00
(2) .....	.63	.80	1.00
(3) .....	.05	.06	.05
(4)	20.00	27.00	25.00
(5)	20,700.00	17,000.00	18,500.00
(6)	715.00	1,000.00	725.00

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—P. F. Bender, 1012 Del Paso Blvd., North Sacramento, at \$2,567.12 submitted low bid and was awarded contract by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, for the construction of wooden ramp from the Garden Highway Trestle to the property below.

Work involves:

- (1) 7,284 M ft. post ties, wales, cross-bracing;
- (2) 2,544 M ft. clamps;
- (3) 19,260 M ft. stringers and scabs;
- (4) 11,400 ft. plank deck;
- (5) 1,936 ft. railing;
- (6) 25 c.y. Class A concrete, 6 sack;
- (7) 35 c.y. excavation and backfill;
- (8) lump sum, removal and replacing old structure.

Total bids follow:

- (A) P. F. Bender, 1012 Del Paso Blvd., North Sacramento, \$2,567.12.
- (B) H. W. Robertson, Sacramento, \$3,511.44.
- (C) Henry Finnigan, Sacramento, \$3,232.95.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$58.00	\$73.10	\$75.70
(2)	49.00	82.00	65.30
(3)	43.50	61.60	58.47
(4)	43.00	62.37	55.80
(5)	94.00	185.40	155.49
(6)	16.00	15.68	12.76
(7)	2.00	2.00	1.89
(8)	40.00	52.00	67.00
			21

BIDS OPENED

LOS ANGELES, Calif.—Gibbons & Reed Co., 221 E. San Fernando Blvd., Burbank, at \$57,234.10 (cast in place piers), submitted low bid to L. A. Board of Public Works for construction of a grade separation structure in College St. over Figueroa St. and appurtenant work (Figueroa St.-College St. Grade Separation, PWA project 1644-I-F, Unit 1). The work involves:

- (1) 1024 c.y. class F concrete;
- (2) 102 c.y. class G concrete;
- (3) 195,000 lbs. reinf. steel;
- (4) 2,250 l.f. reinf. conc. piles;
- (5) 350 l.f. orn. conc. railings;
- (6) 530 l.f. elec. conduit system;
- (7) lump sum—lighting system;
- (8) lump sum—bronze tablets;
- (9) 616 c.y. struc. excav.;
- (10) lump sum—grading;
- (11) 332 l.f. heavy unplastered curb;
- (12) 1120 sq. ft. one course walk, 3-inches thick;
- (13) 182 sq. ft. gutter, 6-in. thick;
- (14) 4800 sq. ft. rock and oil roadway, 3-in. thick;

Note: Under item (4) bids will be received on:

- (a) precast piles, (b) cost-in-place piles.

The total bids were:

- Gibbons & Reed Co., (cast-in place piers) \$57,234.10.
- J. E. Haddock (precast) \$59,567.80; (cast-in place) \$55,067.50.
- Contracting Engineers Co. (precast) \$60,610.70; (cast-in place) \$59,610.70.
- Carlo Bongiovanni (cast-in place) \$61,108.20.
- Byerts & Dunn (precast) \$66,292.60; (cast-in place) \$63,132.60.
- Johnston — Percalco (precast) \$69,234.20; (cast in place) \$65,901.70.
- Engineers Estimate (precast) \$52,921.64; (cast in place) \$52,921.64.

BIDS OPENED

ALAMEDA COUNTY, Calif.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at \$747,000 submitted low bid to Alameda County Board of Supervisors, Court House, Oakland, for construction of the High Street Bridge, Alameda County.

Work involves:

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

- (1) removal of existing bridge, piers, fenders, cleaning site, etc.;
- (2) lump sum: excav. for structures, coffer dams, tremie concrete, backfill;
- (3) submarine crossing;
- (4) drainage pump and motor;
- (5) 500 tons rock riprap;
- (6) 15,200 l.f. crosscut timber piles
- (7) 45 MBM crosscut timber;
- (8) 7,230 c.y. Portland cement conc.
- (9) 77,000 lbs. additional counterweight poundage over 145 lbs. concrete;
- (10) 1,060,000 lbs. reinforcing steel;
- (11) 1,212,000 lbs. carbon steel;
- (12) 850,000 lbs. silicon steel;
- (13) 10,000 lbs. addl. struc. steel;
- (14) 18,000 lbs. anchor bolts;
- (15) 311,000 lbs. machinery;
- (16) 1,000 l.f. elec. fillet welds, shop;
- (17) 1,000 l.f. do, field;
- (18) 10 l.f. 10-inch vitrified sewers;
- (19) 50 l.f. 18-inch do;
- (20) 30 l.f. 24-inch do;
- (21) 155 l.f. 27-inch do;
- (22) lump sum: operators tower and house;
- (23) lump sum: traffic gates;
- (24) lump sum: yielding barriers;
- (25) lump sum: electrical equipment.

Total bids follow:

(A) MacDonald & Kahn Co., Ltd., 200 Financial Center Building, San Francisco, \$747,000.

(B) Clinton Construction Co., San Francisco, \$814,532.

Unit prices follow:

	(A)	(B)
(1)	\$45,000.00	\$18,000.00
(2)	196,980.00	177,000.00
(3)	6,000.00	7,500.00
(4)	2,000.00	1,600.00
(5)	1.85	3.00
(6) .....	.90	1.00
(7)	125.00	150.00
(8)	11.50	15.00
(9) .....	.02	.015
(10) .....	.036	.042
(11) .....	.082	.111
(12) .....	.082	.108
(13) .....	.14	.18
(14) .....	.16	.12
(15) .....	.32	.375
(16)	1.10	1.30
(17)	1.60	2.00
(18)	2.00	13.50
(19)	4.00	14.00
(20)	6.00	14.00
(21)	8.20	17.00
(22)	8,000.00	8,000.00
(23)	2,000.00	2,750.00
(24)	17,000.00	20,000.00
(25)	50,000.00	48,000.00

CONTRACT AWARDED

LOS ANGELES AND SAN BERNARDINO COS., Calif.—Paul D. Lawrence Co., 2127 N. Chahuena Blvd., Los Angeles, at \$14,320.60 awarded contract by the State Division of Highways, Sacramento, for construction of two spans reinforced concrete bridge across San Antonio Creek at Pomona (VIII-L.A. and SBD-19-Pom and A) consisting of one 37-ft. 0-in. span and one 27-ft. 0-in. span on concrete bents and abutments and portions of roadway approaches to be graded and surfaced with Portland cement concrete pavement, Los Angeles and San Bernardino Counties, Cal.

BIDS WANTED

STATE OF WASHINGTON.—Until Sept. 2, 10 A. M., bids will be received by Washington Toll Bridge Authority, L. V. Murrow, Director of Highways, Highway Bldg., Olympia, for constructing a suspension bridge over that portion of Puget Sound ad-

acent to the City of Tacoma, Pierce County, known as the Tacoma Narrows, together with the incidental approach work; \$5,400,000 available.

Work involves:
 (1) 10,528 tons struc. steel;
 (2) 1,618 tons steel reinf. bars;
 (3) 105,990 c.y. concrete;
 (4) 8,900 l.f. steel H piling;
 (5) 19,640 yds. Class B riprap;
 (6) 3,817 tons cable wire;
 (7) 200 tons cast and forged steel;
 (8) 1,071 tons steel sheet piling;
 (9) 5,200 sq. yds. stand. conc. pave.;
 (10) 83,380 c.y. struc. excav.;
 (11) 75,000 c.y. unclass. excav.;
 (12) Installation of lighting system and administrative bldgs. toll booths and other items.

Plans and specifications available from the above office upon deposit of \$2.00. 21

BIDS WANTED

MERCED CO., Calif.—Until Sept. 1, 11:00 A. M. bids will be received by the Merced County Board of Supervisors, P. J. Thornton, Clerk, Court House, Merced, for construction, as follows:

- (1) Bridge 268, over Stevinson Canal, near Southeast corner of Sec. 10, Twp. 7 S., R. 9 E.
- (2) Bridge 269, over slough on Hill's Ferry Road, in Sec. 3, Twp. 7 S., R. 9 E.
- (3) Bridge 270, over slough on Hill's Ferry and Murray Bridge Road, same being an addition to an existing bridge in Sec. 3, Twp. 7 S., R. 9 E.

Plans and specifications may be obtained from the County Surveyor, W. E. Bedesen, upon the deposit of \$10.00, returnable.

BIDS WANTED

SANTA CLARA CO., Calif.—Until Aug. 29, 11:00 A. M. bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for a reinforced concrete wing wall on the Downer Avenue Bridge over Guadalupe Creek, in Supervisor's District No. 4, Santa Clara Co.

Plans and specifications may be obtained from the above office upon the deposit of \$1.00. 21

NO BIDS RECEIVED

SANTA CLARA CO., Ca.—No bids were submitted to the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete bridge on Ford Rd. over Coyote Creek, in Supervisor's District No. 5, Santa Clara Co. 21

LOW BIDDERS

RENO, Washoe Co., Nev.—Nevada Rock & Sand Co. Inc., Reno, at \$20,111 submitted low bid and was recommended for award of contract by the Reno City Council, J. B. Reese, City Clerk, City Hall, for construction of a reinforced concrete bridge at Reno.

Three low bids follow:
 Nevada Rock & Sand Co., Inc., Reno, \$20,111.00.
 Wine and Williams, Reno, \$20,988.
 Robert McCarthy, S.F., \$22,190.00.

BIDS OPENED

PIERCE CO., Wash.—Henry Hagman, Cashmere, at \$24,183.00 submitted low bid and was recommended for award by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving a bridge over Tolmie Creek, consisting of an 88-ft. steel plate girder span on concrete piers and four treated timber trestle spans, all with concrete deck and rail, together with

approach grading, Carbon River Highway Project 11-A2, National Forest Road Project, Snoqualmie National Forest, Pierce Co., Wash.

Total bids follow:
 Henry Hagman, Cashmere, \$24,183.00.
 H. C. Malott, Seattle, \$29,340.50.
 S. R. Gray, Puyallup, \$30,597.10.
 Hallstrom & Hallstrom, Seattle, \$31,340.00.
 Dally Constr. & Eng. Co., Inc., Seattle, \$34,334.60. 21

BIDS WANTED

LOS ANGELES CO., Calif.—Until Sept. 15, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of an overhead crossing over the tracks of the Southern Pacific Company on Daly St. at Alhambra Ave., consisting of atel and timber stringer spans with concrete deck timber pile bents in the City of Los Angeles.

- Work involves:
- (1) 100 c.y. exist. conc. remove and dispose of;
 - (2) 100 c.y. struc. excav.;
 - (3) 63,000 lbs. bar reinf. steel;
 - (4) 350 c.y. class A Port. cem. conc.;
 - (5) 125,000 lbs. salvaged struc. steel;
 - (6) 40,000 lbs. salvaged struc. steel;
 - (7) 50 M. board measure new Douglas fir timber;
 - (8) 15 M. ft. board measure salvaged Douglas fir timber;
 - (9) 4,746 l.f. furnish treated Douglas fir piles;
 - (10) 113 each driving treated Douglas fir piles;
 - (11) 488 l.f. steel ralling;
 - (12) 60 l.f. 15-in. C. M. P.;
 - (13) 1 lot misc. items of work.

The State will furnish salvaged struc. steel, salvaged Douglas fir timber C. M. P. and band couplers as more explicitly, etc.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacto.

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until September 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing an earth dike and protecting with slope naying at Whitewater Bridge (VIII-Riv-26-D), Riverside County.

- Work involves:
- (1) 360 M. gals. water;
 - (2) 13,000 c.y. channel excav.;
 - (3) 30,000 sta. yds. overhaul;
 - (4) 5,210 c.y. struc. excav.;
 - (5) 10 sta. finish rdwy.;
 - (6) 2,800 sq. yds. slope pavement;
 - (7) 7 each monuments.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. 21

COMPLETE BIDS

RENO, Washoe Co., Nev.—Nevada Rock & Sand Company, Reno, at \$20,111.50 submitted low bid and was recommended for award of contract by the Reno City Council, J. B. Reese, City Clerk, City Hall, for construction of a reinforced concrete bridge at Reno.

- Work involvea:
- (1) Lump sum, remove structure;
 - (2) 150 c.y. structure excavation;
 - (3) 200 c.y. borrow;
 - (4) 321 c.y. class "A" Concrete;
 - (5) 279 c.y. class "D" concrete;
 - (6) 80,500 lbs. reinforcing steel;
 - (7) 5,800 lbs. structural steel.

Total bids follow:
 (A) Nevada Rock & Sand Co., Reno, \$20,111.50.

- (B) Wine and Williams, Reno, \$20,988.80.
- (C) Robt. McCarthy, San Francisco, \$22,190.00.
- (D) Isbell Construction Co., Reno, 23,496.00.
- (E) Silver State Construction Co., Fallon, \$23,745.00.
- (F) Engineers Estimate, \$21,387.00.

Unit prices follow:

	(A)	(B)	
(1)	900.00	2000.00	
(2)	5.00	6.50	
(3)	1.00	2.25	
(4)	22.00	21.75	
(5)	23.00	22.45	
(6) .....	.045	.045	
(7) .....	.20	.12	
(C)	(D)	(E)	(F)
1500.00	2300.00	3000.00	1000.00
6.00	7.50	5.00	3.00
1.50	1.50	1.00	1.00
22.50	25.00	25.00	22.60
22.50	26.00	25.00	25.00
.06	.045	.07	.08
.20	.15	.20	.15

BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until Sept. 6, 11 A. M., bids will be received by the Orange county supervisors for the construction of a concrete creek crossing on Cambridge Ave. at Santiago Creek, in the Fourth Road Dist., Orange County, in accordance with plans and specifications obtainable at the office of the Road Dept., Court House Annex, Santa Ana, upon deposit of \$5, returnable. Certified check or bidder's bond for 5% must accompany each proposal. E. J. Smith, county clerk. 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

SEATTLE, Wash.—Until Sept. 15, 3:00 P. M., bids will be received by the U. S. Engineer Office, 754 Central Bldg., Seattle, for dredging and disposing of about 34,500 c.y. of material from Cap Sante Waterway, Anacortes Harbor, Wash.

Plans and specifications may be obtained from the above office. 22

BIDS WANTED

LANE CO., Ore.—Until Sept. 1, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-39-87, for clearing, bank sloping, gravel borrow and gravel excavation; and construction of approximately 6,300 feet of rock riprap revetment, located in Lane Co. District Improvement Company No. 1, on the Willamette River at mile 169 and mile 172, Lane Co., Ore.

- Work involves:
- LOCATION 7-A**
- (1) 1 acre clearing;
 - (2) 300 cu. yds. bank sloping;
 - (3) 27,000 cu. yds. gravel excavation;
 - (4) 24,900 tons rock riprap.
- LOCATION 9**
- (5) 1 acre clearing;
 - (6) 2,100 cu. yds. bank sloping;
 - (7) 9,000 cu. yds. gravel excavation;
 - (8) 18,750 tons rock riprap.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. 22

CONTRACT AWARDED

PEARL HARBOR, T. H.—Standard Dredging Company, 325 Central Bldg., Los Angeles awarded contract by the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8702, for dredging and disposal of material at the 14th Naval District, Pearl Harbor, T. H. Estimate \$900,000. 22

BIDS WANTED

BENTON CO., Ore.—Until August 30, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 6981-39-85, for clearing, bank sloping, gravel borrow and gravel excavation; and the construction of approximately 2,500 feet of rock riprap revetment, located in the Benton County District Improvement Company, No. 3, on the Willamette River, Benton Co., Ore.

Work involves:

- (1) 3 acres clearing;
- (2) 1,400 c.y. bank sloping;
- (3) 22,000 c.y. gravel excavation;
- (4) 10,000 c.y. gravel borrow;
- (5) 28,500 tons rock riprap.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 22

COMPLETE BIDS

POLK CO., Ore.—Wren and Greenough, Portland, at \$35,188, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-50, for clearing, bank sloping, gravel excavation, overhaul and the construction of approximately 1880 feet of stone riprap revetment, located in the Willamette River in the Probst District Improvement Co., Polk Co., Oregon. Work involves:

- (1) 0.5 acre clearing;
- (2) 200 c.y. bank sloping;
- (3) 16,100 c.y. gravel excavation;
- (4) 1,000 sta. yds. overhaul;
- (5) 14,500 tons stone for riprap revetment, in place.

Total bids follow:

- (A) Wren & Greenough, Portland, \$35,188.00.
- (B) Kuckenberg Construction Co., Portland, \$40,385.00.
- (C) C. T. Malcom, Portland, \$42,335.
- (D) Ediefsen-Weygardt Co., Portland, \$44,795.50.
- (E) Kern & Kibbe, Portland, \$45,260.00.
- (F) Parker-Schram Co., Portland, \$48,830.00.
- (G) Contracting officer's estimate, \$57,551.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	200.00	350.00	250.00
(2) .....	.40	.50	.40
(3) .....	.40	.50	.40
(4) .....	.05	.05	.05
(5)	1.96	2.20	2.40

	(D)	(E)	(F)	(G)
250.00	300.00	400.00	290.00	
.28	.70	.50	.80	
.28	.35	.30	.445	
.05	.05	.05	.07	
2.75	2.70	3.00	3.44	

BIDS OPENED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—L. C. Smith, 235 7rd Ave., San Mateo, at \$9,335 submitted low bid to the South San Francisco City Council, City Clerk, City Hall, South San Francisco, for excavating channel of Colma Creek in South San Francisco.

Work involves:

- (1) 106,000 c.y. channel excavation;
- (2) 85,000 c.y. moving upper portion of spoil bank.

Complete bids follow:

L. C. Smith, 235 3rd Ave., San Mateo, (1) \$0.06, (2) \$0.035, total \$9,335.

Williams Bros. & Haas, Inc., S.F., (1) \$0.0798, (2) \$0.02, total \$10,158.80.

Parish Bros., Oakland, (1) \$0.11, (2) \$0.02, total \$13,360.

Granfield Farrar & Carlin, S. F., (1) \$0.095, (2) \$0.045, total \$13,895.

Bundesen & Lauritzen, Pittsburg, (1) \$0.11, (2) \$0.03, total \$14,210.

Etaton and Smith, S. F., (1) \$0.10, (2) \$0.075, total \$16,975.

West Construction Co., S. F., (1) \$0.135, (2) \$0.04, total \$17,710.

C. Dudley DeVelbiss, (1) \$0.123, (2) \$0.05, total \$17,765.

R. G. Clifford, S. F., (1) \$0.14, (2) \$0.045, total \$18,665.

M. J. Lynch, S. F., (1) \$0.20, (2) \$0.16, total \$34,800.

BIDS WANTED

PUGET SOUND, Wash.—As previously reported until Sept. 14, 11:00 A. M. bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8833, for a concrete graving dock at the Navy Yard, Puget Sound. Estimated cost \$4,500,000. Dock largest in the United States, will be plain and reinforced concrete, 1,000 feet long, 137 feet wide at the top and 52 feet deep, with concrete walls and bottom ranging in thickness from 8 to 15 feet. A crane track will be installed to accommodate cranes capable of lifting guns and other heavy equipment.

Plans and specifications may be obtained from the above office and from the Commandant, Navy Yard, Puget Sound, Washington, upon the deposit of \$25.00. * 22

BIDS OPENED

LONG BEACH, Calif.—Warren Southwest, Inc., 2145 E. 25th Street, L. A., at \$125,714 submitted low bid to Long Beach Harbor Commissioners, 130 S. Pico Ave., Long Beach, for constructing a timber wharf, doing certain dredging and furnishing and placing rock riprap. The work involves:

- (1) Constructing cresoted pile and timber wharf 66x542.92 ft., incl. cresoted pile and timber sheet pile bulkhead, water pipe, valves, fittings, railway track complete, bituminous paving, and mooring bollards and cleats;
 - (2) Dredging, approx. 32,000 to el minus 35, constr. clay dikes;
 - (3) Furnishing and placing 7200 tons rock riprap on slopes.
- D. A. Marshall is the port manager. Other bids were:
- R. H. Traverser, \$132,372.
 - Ben C. Gerwick, S. F., \$140,668.
 - R. R. Bishop, Long Beach, \$152,489.
- Case Constr. Co., San Pedro, \$154,660.
- United Concrete Pipe Corp., L. A., \$159,420.
- Rohl-Connolly Co., L. A., \$180,400.
- Shannahan Bros., L. A., \$189,820.

23—CANALS

BIDS WANTED

OXNARD, Ventura Co., Calif.—Until Sept. 10, 10 A. M., bids will be received by the Oxnard Drainage Dist. No. 3, 425 So. "B" St., Oxnard, for constructing canals, ditches and misc. structures, PWA Project, as follows:

- (1) 300,000 c.y. excav. ditch;
- (2) 3000 c.y. struc. excav.;
- (3) 210 c.y. class A concrete;
- (4) 6780 lf. treated D F piles;
- (5) 720 lf. untreated D F piles;
- (6) 10,000 bd. ft. untreated D F sheet piling;
- (7) 7000 bd. ft. redwood lumber;
- (8) 57,000 bd. ft. treated D F lumber;
- (9) 300,000 lbs. reinf. steel;
- (10) 6 each tide gates, 36-in.;
- (11) 72 lf. No. 7 ga. welded steel pipe, 36-in.;
- (12) 700 lf. 24-in. C. M. P.;
- (13) 6 tons misc. bridge hdwe.;
- (14) 21 tons plant mix surf.;
- (15) 100 lf. 4-in. drain tile.

Plans and specifications may be obtained from S. Gerald Bennett, City

Hall, Santa Paula, engineer, upon deposit of \$10 per set. Certified check or bond satisfactory to owner must accompany each bid. * 23

24—STREET LIGHTING

CONTRACT AWARDED

HICKAM FIELD, T. H.—Robert E. McKee, 108 W 6th St., Los Angeles, at \$77,300 awarded contract by the Constructing Quartermaster, Ft. Mason, San Francisco, under Bid No. 397-38-39, for construction and completion of a secondary electric distribution system at Hickam Field, T. H. * 24

CONTRACT AWARDED

LONG BEACH, Calif.—Fritz Zieharth, 808 Security Bldg., Long Beach at \$35,936.41 awarded contract by the Long Beach City Council for construction of ornamental lighting system in American Ave. between Anaheim Street and Willow Street, involving installation of bases, wires, brackets, lamps, globes, potheads and transformers on 136 existing steel poles. * 24

25—MACHINERY AND EQUIPMENT

BIDS WANTED

SAN LUIS OBISPO, Calif.—Until August 29, 3:00 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the rental of one oil tank truck, 750 gallons (or more), for use on the Roosevelt Highway, south of Carmel, in District V.

Bids must be submitted on blank form furnished by the above office.

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until Sept. 8, 10:00 A. M., bids will be received by the Imperial Irrigation District, M. J. Dowd, Chief Engineer and General Manager, El Centro, for furnishing eight ¾- to 1-ton standard trucks, each with special bin-and-rack type body, standard cab, tires, spare wheels and accessories. PWA Docket No. Calif. 1088-D. Spec. No. 14.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00 returnable. Certified or cashier's check or bid bond for 5% must accompany each proposal. * 25

BIDS WANTED

BONNEVILLE, Ore.—Until Sept. 27, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-19, for furnishing and installing two 60,000 Kva alternating current generators and auxiliaries; and 2 sets anchor bolts, and embedded foundation plates for 2 additional 60,000 Kva alternating current generators for the powerhouse at Bonneville, Oregon.

Plans and specifications may be obtained from the above office.

BIDS OPENED

FORT MASON, Cal.—The following submitted bids to the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6618-39-9, for 1 concrete mixer of 14 cu. ft. capacity; for Fort Mason. Bids were:

- Norris K. Davis, Inc., \$1425. Alt.
- \$1250 job factory.
- Edward R. Bacon Co., \$1820.
- A. L. Young Mch. Co., \$1920.
- Jenison Machinery Co., \$1232.
- Harron, Rickard & McCone, \$2220.

BIDS OPENED

SACRAMENTO, Calif.—Olympian Dredging Co., 249 First St., San Francisco, at (1) \$22.30 (2) \$22.30 (3) \$250 submitted only bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Cir. Prop. No. 1105-39-36, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento rivers. Bids taken on:

- (1) Price per hour for time dredge is working;
- (2) Price per hour for time dredge is held idle;
- (3) Mobilization and demobilization of dredge. 25

BIDS OPENED

FT. MASON, Calif.—Following submitted bids to the Constructing Q.M., San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-7 for rental of (1) one 2-cy. capacity self-dumping truck, and (2) two 1½-ton capacity stake body trucks; fob Presidio of San Francisco.

- Bids were:
- H. E. Springer Co., (1) \$1.44 per hour; 5% 10 days.
 - West Const. Co., (1) \$1.20; net.
 - Lerer Bros., (1) \$0.89; net.
 - E. Barbettini, (1) \$1.35; 3% 10 da.
 - Max Rosenberg, (1) \$0.80; 5% 10.
 - Erno Skibo, (1) \$0.695; net.
 - N. L. Giorgi, (2) \$1; (2) \$0.90; net.
 - W. A. Croll, (1) \$1.55.
 - Peter J. McHugh, (1) \$0.93.
 - Arthur Wallgren, (1) \$0.75.

BIDS OPENED

SAN LUIS OBISPO, Calif.—Farmers' Hardware and Implement Co., San Luis Obispo, at \$3,200 submitted low bid to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 7116, Req. No. 4138, for one 10-ft. dual-drive, gasoline-powered, pneumatic tired motor grader with scarifier, wide-type front axle and oil mix moldboard; f.o.b. San Luis Obispo.

- Other bids were:
- Knox-Hale Machinery Co., S. F., \$3,442.
 - Harron Rickard & McCone Co., S. F., \$3,447, disc. \$56.67 30 days.
 - J. D. Adams Co., S. F., \$4,246.85, 2% 30 days.
 - Caterpillar Tractor Co., Oakland, \$3,424.55, disc. \$50.00 30 days.
 - Erno Skibo, San Francisco, \$3,412.19 net.
 - Smith Booth Usher Co., \$3,660, 2% 30 days.

BIDS WANTED

YUMA PROJECT, Ariz.—Until September 9, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1113-D, for furnishing and delivering one clutch-operated, crawler-traction mounted, full-revolving, Diesel engine powered, convertible type dragline excavator for the Yuma Project, Ariz. fob shipping point and/or Yuma, Ariz.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others, \$0.25, not returnable. 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., under Bid No. 1324, for furnishing six steel storage tanks for vacuum oil storage system, not less than 1,000 gallons; fob (1) bidder's shipping point; (2) Arcadia, Calif.

- Bids were:
- Federal Pipe & Supply Co., (1) \$390 San Francisco; (2) \$435.12; net.
 - Calif. Steel Prod. Co., (1) \$342, San Francisco; (2) no bid; 2% 30 days.

Southwest Welding & Mfg. Co., (1) \$552, Alhambra; (2) \$558; net.

U. C. Murrell, Inc., (1) \$111, Los Angeles; (2) \$423; 1% 30 days.

Consolidated Steel Corp., Ltd., (1) \$588, Los Angeles; (2) \$597; net.

Roy E. Hansen, (1) \$552, Los Angeles; (2) \$562; net.

Western Pipe & Steel Co., (1) no bid; (2) \$510; net.

State Steel Prod. Inc., (1) \$574.50, Los Angeles; (2) \$588; net.

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., under Bid No. 1328, for one electrically driven oil pump, complete; fob (1) bidder's shipping point; (2) Arcadia, Calif.

Bids were:

- The Merrill Co., (1) \$260.85 Brooklyn, N. Y.; (2) \$292.50; net.

Blackmer Pump Co., Inc., (1) \$183.64, San Francisco; (2) \$187.75; net.

Woodin & Little, Inc., (1) \$206, San Francisco; (2) no bid.

Harman Pacific Co., (1) \$234.63, Los Angeles; (2) \$235.88. 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1335, for rental of three 1½-ton stake-side trucks equipped with dual rear wheels; fob Mt. Shasta.

Bids were:

- Evans Auto & Truck Rental: three trucks at 15c per mile; net.
- Portola Truck Service, one at 1½c. one at 16c and one at 20c; 2% 20. 25

CONTRACT AWARDED

BERKELEY, Alameda, Co., Calif.—Hall-Scott Motor Car Co., 2565 7th St., Berkeley, at \$1,420 awarded contract by the Berkeley City Council, Florence Turner, City Clerk, for furnishing one motor for air blower.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 6, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-82, for furnishing and delivering conveying equipment complete and the services of an erection engineer; fob freight cars at contractor's plant.

Bids will be taken on:

- (1) complete conveying equipment consisting of 24 Arty type 1½-ton spur geared trolley chain hoists, and all necessary track, clamps, hangers and track supports, switches, bolts and nuts, etc.;
- (2) complete conveying equipment consisting of two 1½-ton and four ½-ton Army type spur geared trolley chain hoists, and all necessary track, clamps, hangers and track supports, bolts and nuts, etc. 25

BIDS WANTED

LOS ANGELES, Calif.—Bids for the rental of a motor grader with 13-ft. blade, 40 to 45 h.p. for use on Garvey Ave., State Rte. LA-26, for approx. 20 days, opened by the State Highway Dept., L. A., were:

- J. E. Haddock, Ltd., 50 Austin 1937, \$5.45 per hr.
- Gogo & Rados, 60 Caterpillar 1938, \$4.25 per hr. 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Broderick and Gordon, at \$2.40 hr., total \$1800, 1½ of 1% were awarded contract by U.S. Engineer, L. A., for rental of

concrete mixer for 750 hrs, and Oswald Bros., the contract at \$2.60 hr., total \$1950, disc. 5% 10 days, for rental of mixer. Invt. 72. 25

CONTRACT AWARDED

LOS ANGELES, Cal.—B. W. Kuhn, at \$450 per month, awarded contract by U. S. Engineer, L. A., for rental of self powered road patrol for 2 months, disc. 1% 10 days; Smith Booth Usher Co., the contract at \$625 month, net, for one additional unit. Invt. 40. 25

BIDS OPENED

OAKLAND, Cal.—The Ross Carrier Co., 611 Howard St., San Francisco, at \$4,400 submitted low bid to the Oakland Port Commission, fob of Grove St., Oakland, for furnishing and delivering one lumber carrier to Ninth Avenue Terminal, Oakland.

- Total bids follow:
- The Ross Carrier Co., 611 Howard St., San Francisco, \$4,400
 - Williamette-Hyster Co., Portland, 4,824
 - Dallas Mach. and Locomotive, Dallas, 4,850
 - Dallas, 4,850 25

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until Sept. 16, 2 P. M., bids will be received by the Constructing Quartermaster, Sacramento, Air Depot, for the construction and completion of a night lighting installation at the Sacramento Air Depot.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. 24

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Sept. 1, 11:00 A. M., bids will be received by the State Division of Highways, E. R. Green, Acting District Engineer, 546 West Wabash Avenue, Eureka, for the rental of one 45 H. P. tractor with 8-ft. bulldozer for use in the vicinity of Garberville.

Bids must be submitted on proposal forms furnished by the above office. 25

BIDS OPENED

FORT MASON, Calif.—Following submitted bids to the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-11, for rental of (1) three 1½-ton 2-cu.yd. dump trucks for 270 hours each; and (2) ½-cu. yd. power shovel for 270 hours use; f.o.b. Presidio of San Francisco.

Bids were:

- Rock and Gravel Trucking Co., (1) \$1.50, (2) \$4.40, net.
- W. A. Croll, (1) \$1.35 (1 only); net.
- H. E. Springer, (1) \$1.44, 3% 10 days.

E. Barbettini, (1) \$1.40 (one only) 3% 10 days.

Portola Truck Service, (1) \$0.89, (2) \$4.44, 2% 20 days.

Rosenberg Bros., (1) one at \$0.75, 2 at \$0.85 each; (2) \$3.85, 2% 20 days.

Lerer Bros., (1) \$0.74 (2 only), net.

M. G. Abbott, (2) \$4.50, net.

D. C. Kemp, (1) \$1.00, (2) \$3.00, 1% 10 days.

N. Giorgi, (1) \$0.90, net.

R. M. Taylor, (2) \$5.25, 1½% 10 days.

A. L. Green, (1) \$0.84, net.

Thos. M. Byrne, (1) \$1.00, net. 25

LOW BIDDERS

MARE ISLAND, Calif.—General Electric Co., at \$136.70 (1), and Condenser Service Co., Hoboken, N. J., at \$9,993 (2), submitted low bids to the U. S. Bureau of Yards & Docks,

Navy Department, Washington, D. C., under Spec. No. 8818, for (1) turbo alternators and (2) condensers for Mare Island.

Elliott Co., Jeanette, Pa., at (1) \$137,975 submitted second low bid. • 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of one asphalt concrete paving machine for use in L. A., Ventura or Orange counties for various periods of time as work is required, opened by the State Highway Dept. L. A. are:

Geo. R. Curtis Paving Co.—Jaeger, 1936, \$5.85 per hr. Rate based on 8-hr. day minimum. Transportation based on 24 hr. rental on any specific location.

Southwest Paving Co.—Jaeger BP-2, 1936, \$8.90 hour. • 25

August 25, 1938

CONTRACTS AWARDED

FORT MASON, Calif.—Lerer Bros., at \$0.745 net (1 truck) and H. E. Springer Co., at \$0.74 (1 truck), 6% 10 days, were awarded contracts by the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, under Bid No. QM-W-6616-39-12, for rental of two 1½-ton capacity stake body trucks for approximately 500 hours use at the Presidio.

Total bids follow:
Lerer Bros., \$0.745, net.
H. E. Springer Co., \$0.74, 6% 10 days.

N. Giorgi, \$0.80, 5% 20 days.
Portola Truck Service, \$1.23, 2% 20 days. • 25

August 25, 1938

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, Geo. D. Heusler, Asst. Procurement Officer, 1022 Filadel Bldg., San Francisco, under Bid No. 1334, for one automatic electric water heater (1) f.o.b. bidder's shipping point; (2) f.o.b. Red Bluff.

Bids were:
Westec Elec. Heater Co., (1) \$41.70 San Francisco, (2) \$44.17.

Federal Pipe & Supply Co., (1) \$46, San Francisco, \$42.50 Seattle.

Westinghouse Elec. Supply Co., (1) \$41.97 San Francisco, (2) \$43.74.
General Elec. Supply Corp., (2) \$53.87.

Electric Kitchen Appliance Co., (1) \$42 San Francisco, (2) \$45.25. • 25

27—WPA PURCHASES, RENTALS

August 25, 1938

CONTRACT AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on W P A projects:

BID NO. 5875 (Lumber and Douglas fir panels): Group A, Loop Lbr. Co., \$852.89, 2% 30; Group B, Western Door & Sash Co., \$217.69, 2% 30; U. S. Plywood Corp., \$92.64, 2% 30. • 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 5900 (steel pipe): California Steam & Fbg. Supply, \$638.43; 2% 30.

BID NO. 5896 (steel bars): Herrick Iron Works, \$2,276; net.

BID NO. 5895 (steel bars anad welded fabric): Geo. R. Borrmann, \$633.47; ¼% 30.

BID NO. 5882 (plaster and lime): Sterling Lbr. Co., \$452.25; net.

BID NO. 5880 (lumber): Crescent Lbr. Co., \$843.52; 2% 30.

BID NO. 5853 (elec. supplies): Lot 1, Coast Elec. Supply, \$270.91; 2% 10th prox.; Lot 2, Crescent Elec. Co., \$238.54; 2% 10th prox.

BID NO. 5864 (pipe and fittings): E. E. Newhall Co., Inc., \$592.09; 2% 30.

BID NO. 5884 (plumbing supplies): Dahلمان Supply Co., \$863.26; 2% 30 days.

BID NO. 5888 (3-yd. dump trucks): Portola Truck Service, one at \$82 month, 2¼% 20; P. Sutaos, one at \$94 month, 10% 20.

BID NO. 5887 (55-hp. tractor): Fred Pimentel, \$3.50 hour; net.

BID NO. 5869 (1½-ton flat-bed trucks): Evans Auto & Truck Rental, one at \$59.75 mo., net; Lerer Bros., one at \$65 mo., 10% 20 days. • 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 4th St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 5859 (500 sacks cement): Henry Cowell Lime & Cement, \$325 net.

BID NO. 5861: (Culvert, etc.): Westerm Pipe & Steel, \$1,511.68; ¼% 20 days.

BID NO. 5862 (Culvert, etc.): Consolidated Pipe Co., \$1,611.54; ¼% 20.

BID NO. 5872 (Lumber, etc.): (1) lumber, Smith Lbr. Co., \$231.29; 2% 10th prox.; (2) millwork, Western Door & Sash, \$170.92; 2% 30.

BID NO. 5850 (Lumber): Van Arsdale Harris Lbr. Co., \$746.89; 2% 30 days.

BID NO. 5867 (Lumber): Loop Lbr. Co., \$594.20; 2% 30.

BID NO. 5851 (35 tons liq. asph., SC-6): Shell Oil Co., \$462 net.

BID NO. 5866: (82 tons liq. asph. MC-3): Standard Oil Co. of Cal., \$984 net. • 27

CONTRACT AWARDED

BONNEVILLE, Ore.—Ohio Brass Co., at \$26,550 submitted low bid and awarded contract by J. D. Ross, Administrator, Bonneville Project, Portland, for furnishing 35,400 giant insulators for Bonneville-Vancouver transmission line.

Three low bids follow:
Ohio Brass Co., \$26,500.
Lapp Insulator Co., Inc., \$30,000.
General Elec. Supply Co., \$31,860.

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 5863 (Concrete sewer pipe): San Jose Conc. Pipe Co., \$967.20; 5% 20.

BID NO. 5858 (Plant-mix asphalt-surfacing): Basalt Rock Co., \$1,000 10c ton 10th prox.

BID NO. 5857 (Lumber): Curran Lbr. Co., \$3,198.51.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

HUMBOLDT CO., Nevada.—Dodge Construction Inc., Fallon, at \$21,993.50 submitted low bid and awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson

City, Nevada, for construction of a roadmix bituminous surface on approximately 10.04 miles of the State Highway from Junction of State Routes 8 and 8B (Paradise Hill) to a point approximately 10 miles northeast, Route 8B Section A, Humboldt Co., Nev.

Work involves:
(1) 63 tons liquid asphalt, Type RC
2 (neal)
(2) 837 tons liquid asphalt, Type SC 2 (roadmix);
(3) 10.04 miles roadmix;
(4) 108 each culvert markers;
(5) 34 each guide posts.

Total bids follow:
(A) Dodge Construction Inc., Fallon, \$21,993.50.

(B) J. A. Casson, Hayward, \$24,075.80

(C) W. E. Lee, San Leandro, \$24,078.

(D) Silver State Const. Co. Inc., Fallon, \$24,796.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	20.00	30.00	30.00	21.50
(2)	18.50	19.40	20.00	21.50
(3)	475.00	550.00	500.00	500.00
(4)	3.50	3.00	3.00	3.00
(5)	3.00	3.00	3.00	3.00

BIDS WANTED

SAN BENITO CO., Calif.—Until September 14, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a slope protection about 0.8 mile in length between Patienes and Tres Pines, San Benito County.

Work involves:
(1) 200 cu. struc. excav.;
(2) 1,680 cu. sacked conc. riprap;
(3) 600 lf. bank protection fence.
Plans and specifications may be obtained from the above office.

BIDS OPENED

LEWIS CO., Wash.—Sam Orino, Portland, at \$86,660.50 (metal pipe) submitted low bid and was recommended for award by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.097 miles partial grading and 0.691 miles finished grading on the Randle-Yakima Highway, Grading Project, 13-VI, X, National Forest Road Project, located within the Columbia National Forest, Lewis Co., Wash.

Total bids follow: (1) metal pipe; concrete pipe
Sam Orino, Portland, (1) \$86,660.50; (2) \$87,325.50.

A. C. Greenwood Co. Inc., Portland, (1) \$92,662.30; (2) \$93,107.30.
Lulich Co., Seattle, (1) \$93,589.80; (2) \$94,849.80.

Williams and Douglas, Tacoma, (1) \$194,706; (2) \$105,261.

Pacific Constr. Co., Seattle, (1) \$112,131.40; (2) \$112,693.90.
Halleran Bros., Seattle, (1) \$114,127.30; (2) \$115,237.30.

The Mirene Co., Portland, (1) \$117,067; (2) \$117,836.
L. Romano Engr. Corp., Seattle, (1) \$128,798.50; (2) \$129,141. • 29

BIDS OPENED

SACRAMENTO, Calif.—McGillivray Construction Co., P. O. Box 873, Sacramento, at \$6,925.50 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of V St. from the easterly curb of 39th St. to the easterly line of 42nd St. in the City of Sacramento.

Total bids follow:
McGillivray Constr. Co., P. O. Box 873, Sacramento, \$6,925.50.
Y. R. Reeves, Sacramento, \$7,114.15.
A. Teichert & Con Inc., Sacramento, \$7,139.50. • 29

BIDS WANTED

SAN DIEGO CO., Calif.—Until Sept. 15, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.1 miles to be graded and portions to be paved with Portland cement concrete and plant mix surfacing between Oakley Ave. in La-Mesa and Grossmont, XI-SD-12-LMSAA, B), San Diego Co., Calif.

- Work involves:
- (1) Clear and grub;
 - (2) 12,300 M gals. water;
 - (3) 403,000 c.y. roadway excav. without class;
 - (4) 2,100 c.y. ditch and channel excavation;
 - (5) 3,340,000 sta. yds. overhaul;
 - (6) 1,900 c.y. struc. excav.;
 - (7) 1,060 c.y. remove conc.;
 - (8) 45 c.y. walls remove and disposed of;
 - (9) 10,600 sq. yds. prepar. surgrade;
 - (10) 117 sta. finish roadway;
 - (11) 2,020 tons min. agg. plant mix surf.;
 - (12) 105 tons liq. asph. MC-5 or MC-extra heavy plant mix surf.;
 - (13) 11 tons liq. asph. SC-3 prime coat;
 - (14) 4 tons liq. asph. SC-2 seal coat;
 - (15) 26 tons liq. asph. SC-2 road mix surf. treat.;
 - (16) 5,700 sq. yds. prepare mix and shape shoulders, gutters and road approaches;
 - (17) 1,860 c.y. class B Port. cement conc. pave;
 - (18) 10,400 lbs. bar reinf. steel pave. and structs.;
 - (19) 3,860 each pave. dowels;
 - (20) 1,100 each pave. tie bolt assemblies;
 - (21) 45 c.y. class A Port. cement concrete structs.;
 - (22) 200 c.y. class A Port. cement conc. ditch lining;
 - (23) 1,700 sq. yds. mesh reinf.;
 - (24) 110 lf. 8-in. C. M. P.;
 - (25) 908 lf. 18-in. C. M. P.;
 - (26) 318 lf. 24 in. C. M. P.;
 - (27) 444 lf. 30-in. C. M. P. 12 gauge;
 - (28) 140 lf. 30-in. C. M. P. 14 gauge;
 - (29) 150 lf. 36-in. C. M. P. 12 gauge;
 - (30) 228 lf. 36-in. C. M. P. 10 gauge;
 - (31) 248 lf. 48-in. C. M. P. 8 gauge;
 - (32) 3 each spillway assemblies;
 - (33) 380 c.y. class A Port. cement conc. curbs and gutters;
 - (34) 1,200 lf. lam. guard railing;
 - (35) 11 each culvert markers;
 - (36) 1,550 sq. yds. asph. paint binder;
 - (37) 6 each frames and gratings;
 - (38) 1 each electrolier moved and re-set;
 - (39) 8 sections pave. cross devices type A-11;
 - (40) 31 each monuments;
 - (41) 29,000 each mesembryanthemum edule cuttings;
 - (42) 21 each plants key No. 8;
 - (43) 83 each plants key No. 9;
 - (44) 180 each plants key No. 10;

Plans and specifications may be obtained from the State Highway Engineer, Public Works, Bldg., Sacto. * 29

BIDS WANTED

OAKLAND, Cal.—Until August 31, 1 P. M., bids will be received by the Oakland City Council, W. W. Chapman, City Clerk, City Hall, Oakland, for surfacing Lakeshore Ave. from East 12th St. to the Embarcadero, from Embarcadero to Lakeshore Ave. and from Grand Ave. to Vernon, Oakland.

- Work involves:
- (1) 3,780 tons asphalt concrete surfacing;
 - (2) 3,780 tons emulsified asphalt premix.
- Plans and specifications obtainable from the city engineer upon the deposit of \$5.00. * 29

BIDS WANTED

SANTA CRUZ COUNTY, Calif.—Until Sept. 1, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Building, San Francisco, for installing a multiple corrugated metal pipe culvert and about 0.2 mile of grading and surfacing with crusher run base and armor coat the roadway at Two Bar Creek, about one mile north of Boulder Creek, Santa Cruz County.

- Work involves:
- (1) clearing and grubbing;
 - (2) 55 M gals. water;
 - (3) 5,000 c.y. rdwy. excav. unclass.;
 - (4) 1,800 sta. yds. overhaul;
 - (5) 600 c.y. struc. excav.;
 - (6) 11 sta. finish rdwy.;
 - (7) 950 tons crusher run base;
 - (8) 2 tons liq. asph., SC-2 (penetration oil treatment);
 - (9) 5 tons liq. asph., SC-1A (armor coat and penetration oil treat.);
 - (10) 7 tons liq. asph., 90-95 (armor coat);
 - (11) 175 tons screenings (armor coat and penetration oil treatment);
 - (12) 4,600 lbs. bar reinf. steel;
 - (13) 63 c.y. Class A Port. and cement concrete (struc.);
 - (14) 36 lf. 15-in. corr. metal pipe;
 - (15) 18 lf. 24-in. corr. metal pipe;
 - (16) 100 lf. 135-in. multiple corr. metal pipe (63-11);
 - (17) 5 each, culvert markers;
 - (18) 10 each, monuments;
 - (19) removing and disposing of the existing bridge.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

SACRAMENTO CO., Calif.—Until September 14, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of an undergrade crossing under the tracks of Southern Pacific Railroad about four miles northeast of Ben All Station and about 0.2 mile grading and paving with Portland cement concrete, Sacramento County.

- Work involves:
- (1) 320 M gals. water;
 - (2) 22,200 c.y. rdwy. excav., unclass.
 - (3) 3,200 c.y. struc. excav.;
 - (4) 200 c.y. ditch and channel excav.
 - (5) 800 c.y. imported borrow;
 - (6) 2,250 sq. yds. subgrade;
 - (7) 10 sta. finish rdwy.;
 - (8) 440 c.y. Class A Portland cement conc. pave.;
 - (9) 900 each pavement dowels;
 - (10) 114,000 lbs. bar reinf. steel;
 - (11) 1,010 c.y. Class A Portland cement concrete struc.;
 - (12) 205,000 lbs. struc. steel;
 - (13) 41,000 lbs. wrought iron plate;
 - (14) 6,200 lbs. cast steel pedestals;
 - (15) 4,200 lbs. misc. iron and steel;
 - (16) 54 lf. 8-in. CMP;
 - (17) 396 lf. 10-in. CMP;
 - (18) 980 lf. 12-in. CMP;
 - (19) 20 lf. 15-in. CMP;
 - (20) 110 lf. 18-in. CMP;
 - (21) 176 lf. 30-in. CMP;
 - (22) 1,920 lf. 1/2-in. perf. metal pipe underdrains;
 - (23) 340 c.y. rock filling material;
 - (24) 10 lf. remove and relay pipe culvert;
 - (25) 280 c.y. Class A Portland cement concrete curbs, gutters and sidewalks;
 - (26) 110 lbs. copper seals;
 - (27) 84 lf. 3-in. galv. pipe;
 - (28) 13 c.y. protective covering;
 - (29) 1 lot electrical equipment;
 - (30) 1 lot pumping equipment;
 - (31) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

PIMA COUNTY, Arizona.—Tanner Const. Co., 801 Security Bldg., Phoenix, at \$30,716, awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of Ajo-Tucson highway, FAS 110F (1) (1938) AFE 632. The work, which begins at the Tucson-San Xavier Mission Rd. and extends east about two miles to the Tucson-Nogales Highway, consists of grading, draining, aggregate base course and oil processing (SC-2 road- or plant-mix) and is to be completed on or before Dec. 31, 1938. * 29

BIDS WANTED

SAN CARLOS, San Mateo Co., Cal.—Until Aug. 29, 3:00 P. M., bids will be received by the Bank of America, office of J. W. Rutherford, 1250 San Carlos Ave., San Carlos, for the following work:

- (1) 96,800 sq. ft. roadway section;
- (2) 4,000 c.y. grading roadway section;
- (3) 5,400 lf. concrete gutter;
- (4) 8,700 lf. 6-in. sanitary sewer;
- (5) 550 lf. 4-in. sanitary sewer;
- (6) 65 6x4 V branches;
- (7) 550 lf. 10-in. storm sewer;
- (8) 630 lf. 12-in. storm sewer;
- (9) 13 catchbasins;
- (10) 8,500 lf. 2x4 heatherboard.
- (11) 136,500 sq. ft. paving, consisting of 5-in. local rock macadam base with oil and screening wearing surface.

Plans and specifications may be obtained from Geo. A. Kneese, Engineer, 2282 Broadway Ave., Redwood City, upon the deposit of \$5.00. * 29

BIDS WANTED

SISKIYOU COUNTY, Calif.—Until September 14, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for placing road-mix surfacing and applying penetration oil treatment and seal coat to about 5.6 miles between Callahan and Fort Jones, Siskiyou County.

- Work involves:
- (1) 250 M gals. water;
 - (2) 3.6 miles reshaping roadbed;
 - (3) 1,600 c.y. screened gravel;
 - (4) 24 tons liquid asph. SC-2 prime coat;
 - (5) 2,100 c.y. min. agg. road mix surf.
 - (6) 120 tons liq. asph. ROMC-3 or ROMC-4 road mix surf.;
 - (7) 65 tons liq. asph., SC-2 penetration oil treatment;
 - (8) 88 tons liq. asph. SC-4 do.;
 - (9) 950 c.y. imported cover material
 - (10) 3.6 miles spreading do.;
 - (11) 20 tons liq. asph. ROMC-3 or ROMC-4 seal coat;
 - (12) 325 c.y. of sand penetration oil treatment and seal coat.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

HICKAM FIELD, T. H.—Until Sept. 12, 1:30 P. M., bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco; and until 11:00 A. M., by the Office of the Purchasing and Contracting Officer, Constructing Quartermaster, Hickam Field, under Bid No. 397-39-10, for construction and completion of finish pavement, driveways, sidewalks and curbs at Hickam Field, T. H.

Plans and specifications may be obtained from the office of the Constructing Quartermaster, Fort Mason, upon the deposit of \$5.00. * 29

CONTRACT AWARDED

PLACER COUNTY, Cal.—Fredericksen & Westbrook, P. O. Box 138,

Lower Lake, at \$78,618.40 awarded contract by State Div. of Highways, Public Works Bldg., Sacramento, for about 2.3 miles grading and paving with Portland cement concrete between 0.6 mile east of Roseville and Rocklin, Placer Co. • 29

CONTRACT AWARDED

PLUMAS CO., Calif.—Harms Bros., Vinton, at \$5,205.00 awarded contract by the State Division of Highways, F. W. Haselwood, District Engineer, Dist. 11, Redding, about 1 mile to be surfaced with road-mix surfacing and a Class "A" seal coat applied between 0.3 miles north of Spanish Creek and Quincy (11-plu-21-c), Plumas County, Calif. •

CONTRACT AWARDED

MENDOCINO CO., Cal.—Johnston Rock Co., Inc., Webster Ave. and "E" St., Stockton, at \$153,854.80 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 6.3 miles grading, applying penetration oil treatment, and constructing a reinforced conc. bridge between Navarro and Maple Creek, Mendocino Co. •

CONTRACT AWARDED

MARIPOSA CO., Calif.—Mitty Bros. Construction Co., 5531 Downey Road, Los Angeles, at \$509,744.25 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for 12.4 miles grading and surfacing with mixture surfacing materials and untreated crushed gravel or stone between Erbeburg and El Portal, Mariposa County, Cal. • 29

CONTRACT AWARDED

EUREKA CO., Nev.—Silver State Construction Company, Inc., Fallon, at \$9,959 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a roadmix bituminous surface on approximately 4.62 miles of the State Highway from a point on State Route 1, approximately 5.7 mi. east of Dunphy to a point approximately 0.8 miles north of Beowawe, Route 21, Section B, Eureka Co., Nev. •

U. B. Lee, San Leandro Calif., at \$10,080, submitted second low bid.

Complete bids will be published shortly. • 29

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Dodge Construction Inc., Fallon, at \$21,093.50 submitted low bid and awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of a roadmix bituminous surface on approximately 10.04 miles of the State Highway from Junction of State Routes 8 and 8E (Paradise Hill) to a point approximately 10 miles northeast, Acute SB Section A, Humboldt Co., Nev. •

J. A. Casson, Hayward, Calif., at \$24,075.80 submitted second low bid.

Complete bids will be published shortly. • 29

BIDS WANTED

STATE OF WASHINGTON—Until Sept. 7, 1 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, Wash., for construction as follows:

King Co.: Clearing, grading, draining and paving with Portland cement concrete and asphaltic concrete on

about 4.8 miles of Primary State Highway No. 2, Seattle to Lake Forest Park, Federal Aid Project No. 91 (2) in King County, involving about 33 acres of clearing, 174,820 c.y. of excavation, 43,790 c.y. of selected roadway borrow, 7,550 c.y. of crushed stone surfacing, 90,220 sq. yds. and 45 c.y. of cement concrete pavement, 1,991 sq. yds. of cement concrete driveways, 58,190 lbs. of steel reinf. bars, 345 c.y. of concrete, 7,445 l.f. of cable guard rail design No. 6, 255 l.f. of half round corr. metal flume, 199 tons of asph. conc. pavement type 1-1, 12,534 l.f. of pipe culverts and other items.

Clallam County: Constructing a trestle pile and timber bridge with concrete deck on about 0.03 mile of Primary State Highway No. 9, McDonald Creek Bridge and Channel Change, Federal Aid Project No. 138-C (2), in Clallam County, involving about 21,890 c.y. of excav., 178 c.y. of concrete, 37,000 lbs. of steel reinf. bars, 47 MBM of treated timber and lumber, 3,200 l.f. of treated timber piling, 88 l.f. of pipe culverts and other items.

Jefferson County: Constructing a trestle pile and timber trestle, detour bridge and channel change on about 0.02 mile of Primary State Highway No. 9, Little Quilcene River Bridge, Federal Aid Project No. 136-F (2), in Jefferson County, involving about 1,700 c.y. of excavation, 120 c.y. of concrete, 19,000 lbs. of steel reinf. bars, 28 MBM of treated and 18 MBM of untreated timber and piling, 1,320 l.f. of treated and 640 l.f. of untreated timber piling and other items.

Skagit County: Paving with Portland cement concrete of about 2.3 miles of Primary State Highway No. 1, Swinomish Slough to Whitney, U. S. Public Works Project No. Wash. 1341-F (Unit 2) in Skagit County, involving about 19,060 c.y. of excavation, 20,010 c.y. of selected roadway borrow, 26,681 sq. yds. of cement concrete pavement, 6,280 lbs. of steel reinf. bars, 7,335 l.f. of cable guard rail design No. 6, 798 l.f. of pipe culverts, and other items.

Asotin County: Clearing, Grading, draining, surfacing, constructing bituminous surface treatment, road-mix type, Class B and cement concrete sidewalks, driveways, curbs and gutters on about 2.3 miles of Primary State Highway No. 3, Clarkson West, Section 2, U. S. Public Works Proj. No. Wash. 1559-F (Unit 1), in Asotin County, involving about 69,240 c.y. of excavation, 11,780 c.y. of selected rdwy. borrow, 3,210 c.y. of screened gravel surfacing, 2,800 c.y. of mineral aggregates, 226 tons of bituminous cement, 3,367 sq. yds. of one-course cement concrete sidewalk, 215 sq. yds. of cement concrete driveways, 8,476 l.f. of pipe culverts and other items.

Whitman County: constructing a light bituminous surface and non-skid seal (single seal) treatment on about 6.88 miles of Primary State Highway No. 3, Pullman to Idaho State Line, U. S. Works Project No. Wash. 1558-F (Unit 1), in Whitman County, involving about 107 tons of bituminous cement and other items.

Lewis County: Grading, draining, surfacing with crushed stone and constructing a reinforced concrete continuous girder bridge on about 0.2 mile of Primary State Highway No. 5, West Fork to Morton, East Fork Tilton River Bridge, U. S. Public Works Project No. Wash. 1549-F in Lewis County, involving about 2,440 c.y. of excavation, 590 c.y. of selected roadway borrow, 502 c.y. of concrete, 111,000 lbs. of steel reinf. bars, 110 l.f. of pipe culverts and other items.

Pierce County: Clearing, grading,

draining, surfacing and constructing asphaltic concrete pavement type 1-1 and light bituminous surface treatment on about 6.0 miles of Secondary State Highway No. 5-E, Puyallup to Orting, U. S. Public Works Project No. Wash. 1342-F in Pierce County, involving about two acres of clearing, 22,900 c.y. of excavation, 22,380 c.y. of selected roadway borrow, 3,170 c.y. of crushed stone surfacing, 1,352 l.f. of cable guard rail design No. 6, 8,787 tons of asphaltic concrete, 34 tons of bituminous cement, 2,017 l.f. of pipe culverts and other items.

Lincoln County: Clearing, grading, draining, surfacing and constructing a light bituminous surface treatment on about 6.9 miles of Primary State Highway No. 7, Harrington North and Davenport South, U. S. Public Works Project No. Wash. 1269-F, in Lincoln County, involving about 89,850 c.y. of excavation, 40,290 c.y. of selected roadway borrow, 16,370 c.y. of crushed stone surfacing, 39 c.y. of concrete, 21,910 lbs. of steel reinf. bars, 21 MBM of treated timber and lumber, 6,150 l.f. of cable guard rail design No. 6, 170 tons of bituminous cement, 1,329 l.f. of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. • 29

COMPLETE BIDS

PLUMAS CO., Calif.—Harms Bros., Vinton, at \$5,205.00 submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Dist. 11, Redding, about 1 mile to be surfaced with road-mix surfacing and a Class "A" seal coat applied between 0.3 miles north of Spanish Creek and Quincy (11-plu-21-c), Plumas County, Calif. •

Work Involves:

- (1) 5 tons liquid asphalt, ROMC-3, in place (prime coat);
- (2) 1300 cu. y. mineral aggregate in place (road-mix surfacing);
- (3) 100 tons liquid asphalt, ROMC-3 in place (road-mix surfacing);
- (4) 14 tons liquid asphalt ROMC-3 in place (seal coat);
- (5) 100 cu. y. sand in place (seal coat).

Total bids follow:

- (A) Harms Bros., Vinton, \$5,205.00.
- (B) Garcia Construction Co., Irvington, \$5,358.50.
- (C) Claude, Wood, Lodi, \$5,425.00.
- (D) Lewis J. Immel, Berkeley, \$5,538.
- (E) Hayward Bldg., Mat. Co., Hayward, \$6,762.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	25.00	18.00	25.00	22.00	28.00
(2)	2.00	2.50	2.00	2.40	3.00
(3)	18.00	18.00	20.00	17.00	21.00
(4)	20.00	19.00	25.00	22.00	23.00
(5)	4.00	2.75	3.50	3.00	3.00

CONTRACT AWARDED

LASSEN COUNTY, Cal.—Poulos & McEwen, Sacramento, at \$18,481.10, awarded contract by the State Division of Highways, Public Works Building, Sacramento, for grading and surfacing with road mix surfacing and applying seal coat about 2.5 miles between State Highway 115 and one mile northeast of Bieber and 2½ miles northerly in Lassen County. • 29

BIDS WANTED

LEWIS CO., Wash.—Until August 31, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving approx. 1.373 miles, Mt. Rainier National Pk., Stevens Canyon Highway Project 4-E2 Units 3 and 4-D, Unit 1, Grading, National Park Road Project, lying within the Mt. Rainier

National Park, Lewis County.

- Work involves:
 (1) All required extra and misc. force account work;
 (2) 12 acres clearing;
 (3) 11 acres grubbing;
 (4) 121,700 c.y. unclass. excav.;
 (5) 15,000 sta. yds. special overhaul;
 (6) 3 acres roadside cleanup;
 (7) 1,373 miles finishing earth graded road;
 (8) 101 M FBM untreated timber, inc. bridge iron;
 (9) 25 c.y. cement rubble masonry;
 (10) 850 lf. stand. reinf. conc. culvert pipe;
 (11) 270 lf. extra strength reinforced concrete culvert pipe;
 (12) 320 lf. culverts (alternate);
 (13) 8,500 c.y. hand laid rock embankment.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

COMPLETE BIDS

PHOENIX, Maricopa Co., Ariz.—Daley Corp., 4430 Boundary St., San Diego, at \$10,502 submitted the low bid to the Phoenix City Commission for the improvement of portions of Garfield and McKinley Sts., in accordance with Resolution of Intention No. 6648, involving asphaltic pavement and other incidental items. Plans and specifications were prepared by James Girand, city engineer.

- The work involves:
 (1) 4200 sq. yds. grading under oil process pave.;
 (2) 4200 sq. yds. 6-in. aggreg. base course;
 (3) 4200 sq. yds. 3-in. oil process pave.;
 (4) 380 sq. yds. 5-in. cement concrete pave. for alley intersections;
 (5) 245 sq. yds. 5-in. cement concrete pave. for driveways;
 (6) 625 sq. yds. grading under 5-in. cement concrete for alley intersections and drives;
 (7) 3350 sq. yds. parkway grading;
 (8) 5600 sq. yds. 4-in. one course concrete sidewalk;
 (9) 2230 lf. combined curb and gutter;
 (10) 330 lf. single curb;
 (11) 175 lf. valley gutter;
 (12) 15 lf. single gutter;
 (13) 1 each valve box;
 (14) 1 each adjusting valve box.

Job P-378. PWA Docket Ariz. 1088-F.

- Total bids follow:
 (A) Daley Corp., 4430 Boundary St., San Diego, \$10,502.00.
 (B) Arizona Sand and Rock Co., \$10,544.00.
 (C) W. E. Hall Company, \$10,649.00.
 (D) Oswald Bros., L. A.

The complete bids were:

	(A)	(B)	(C)	(D)
(1)	25	24	23	25
(2)	25	27	29	30
(3)	65	65	65	70
(4)	1.50	1.85	2.00	2.10
(5)	2.00	1.80	2.00	2.10
(6) .....	.30	.25	.25	.25
(7) .....	.12	.15	.15	.15
(8) .....	.18	.18	.18	.22
(9)	1.10	1.08	1.05	1.10
(10) .....	.70	.77	.80	.75
(11)	1.10	.98	1.05	1.00
(12) .....	.80	.75	.80	.75
(13)	10.00	12.00	12.00	15.00
(14)	2.00	4.00	5.00	10.00

BIDS OPENED

MENDOCINO CO., Calif.—Hanrahan Company, Hohart Building, San Francisco, at \$33,833.70 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 0.2 miles grading and surfacing with plant-mixed surfacing between 0.3 mile north of Sonoma county line and

Squaw Rock, Mendocino County.

- Work involves:
 (1) Clear and grub;
 (2) 300 M gals. water;
 (3) 49,300 c.y. rdwy. excav. unclass.;
 (4) 180 c.y. ditch and channel excav.
 (5) 30,400 c.y. imported borrow;
 (6) 400 c.y. struc. excav.;
 (7) 7,200 c.y. rock filling material;
 (8) 11.3 sta. finish rdwy.;
 (9) 700 tons min. agg. plant mix surf.;
 (10) 32 tons liq. asph. SC-4 plant mix surf.;
 (11) 9 tons liq. asph. SC-1A prime coat;
 (12) 5 tons asph. emulsion seal coat;
 (13) 35 c.y. screenings, seal coat;
 (14) 10 c.y. sand seal coat;
 (15) 330 lbs. bar reinf. steel;
 (16) 4 c.y. Class A Portland cement concrete struc.;
 (17) 218 lf. 8-in. CMP;
 (18) 316 lf. 18-in. CMP;
 (19) 22 lf. 24-in. CMP;
 (20) 2 each remove and reset head-walls;
 (21) 450 lf. 8-in. perf. metal pipe underdrains;
 (22) 284 lf. remove and salvage culvert pipe;
 (23) 1 each spillway assemblies;
 (24) 4 each culvert markers.

Total bids follow:
 (A) Hanrahan Co., Hohart Bldg., San Francisco, \$33,833.70.
 (B) N. M. Ball Sons, Berkeley, \$37,061.50.
 (C) Hemstreet & Bell, Marysville, \$40,743.40.
 (D) Pacific States Const. Co., San Francisco, \$47,645.86.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$200.00	\$50.00	\$250.00	\$300.00
(2)	1.00	1.00	1.50	1.00
(3) .....	.22	.37	.25	.40
(4) .....	.38	1.00	1.00	1.00
(5) .....	.39	.34	.50	.50
(6)	1.50	1.00	1.50	1.50
(7) .....	.67	.60	1.00	1.00
(8)	6.00	5.00	5.00	8.00
(9)	2.50	1.40	2.00	2.00
(10)	13.00	10.00	20.00	13.00
(11)	12.00	10.00	25.00	15.00
(12)	20.00	20.00	25.00	23.00
(13)	2.50	2.00	4.00	2.50
(14)	2.25	2.00	4.00	2.50
(15) .....	.06	.10	.07	.07
(16)	35.00	25.00	35.00	28.00
(17)	1.65	1.00	1.10	1.12
(18)	2.25	1.75	2.00	1.95
(19)	3.00	2.50	3.00	2.65
(20)	35.00	12.00	25.00	20.00
(21)	2.00	1.00	1.00	1.05
(22)	1.25	.50	1.00	1.00
(23)	20.00	15.00	15.00	12.50
(24)	3.00	2.00	3.00	3.00

BIDS OPENED

LOS ANGELES, Calif.—Southwest Paving Co., 11402 Tuxford, Roscoe, at \$16,573.93 submitted low bid to L. A. board of public works for grading, paving and otherwise improving Tankership Blvd. betw. 90 ft. N. of Chandler Blvd. (south roadway) and 68 ft. S. of Magnolia Blvd., PWA project 1644-2-PP-F, Unit 1.
 Total bids follow:
 Southwest Paving Co., \$16,573.93.
 Goode & Schroeder, \$16,742.95.
 L. A. Paving Co., \$17,226.27.
 Geo. R. Curtis Paving Co., \$18,033.29.
 P. J. Akmadzich, \$18,475.07.
 Radich & Brown, \$19,958.50.
 Griffith Co., \$21,259.15.
 Engineer's est., \$23,442.29. 29

LOW BIDDERS

LEWIS CO., Wash.—Sam Orino, Portland, at \$86,660.50 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.097 mi. partial grading and 0.691 miles finished grading on the Randle-Yakima

Highway, Grading Project 13-VI, X, National Forest Road Project, located within the Columbia National Forest, Lewis Co., Wash.

Three low bids follow:
 Sam Orino, Portland, \$86,660.50.
 A. C. Greenwood Co. Inc., Portland, \$92,662.20.
 Lucich Co., Seattle, ..., \$9,589.80.

CONTRACT AWARDED

EUREKA CO., Nev.—Silver State Construction Co. Inc., Fallon, at \$9,959 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a roadmix bituminous surface on approximately 4.62 miles of the State Highway from a point on State Route 1, approximately 5.7 mi. east of Dunphy to a point approximately 0.8 miles north of Beowave, Route 21, Sec. B., Eureka County, Nev.

- Work involves:
 (1) 29 tons liquid asphalt, Type RC2. (see 3)
 (2) 327 tons liquid asphalt, Type SC-2 (roadmix);
 (3) 4.62 miles roadmix;
 (4) 66 each culvert markers;
 (5) 6 each guide posts.

Total bids follow:
 (A) Silver State Construction Co., Inc., Fallon, \$9,959.00.
 (B) U. B. Lee, San Leandro, \$10,080.00.
 (C) Dodge Construction Co., Inc., Fallon, \$10,190.00.

Unit prices follow:

	(A)	(B)	(C)
(1)	25.00	30.00	25.00
(2)	21.00	20.00	21.00
(3)	450.00	500.00	500.00
(4)	4.00	5.00	4.00
(5)	4.00	5.00	4.00

* 29

BIDS WANTED

MONROVIA, L. A. Co., Calif.—Until Sept. 6, 7:30 P. M., bids will be received by the Monrovia city council for improving Encino Ave., Ocean View Ave., Valley View Ave. and Shamrock Ave. in accordance with plans and specifications prepared by Garth H. Duell, city engineer, from whom copies of the said specifications and plans may be obtained upon deposit of \$5. Certified check or bond for 10% must accompany each proposal. Frank R. Schaller, city clerk. The total quantities and the items are:

- (1) 69,946 sq. ft. 2 1/2-in. oil macadam;
 - (2) 89,918 sq. ft. 1 1/2-in. oil macadam;
 - (3) 12,600 sq. ft. gutter;
 - (4) 1464 sq. ft. cross gutter;
 - (5) 3677 ft. curb.
- The quantities, segregated as to streets, are:
- Encino Ave.**
56,835 sq. ft. 2 1/2-in. oil macadam;
5,963 sq. ft. cem. conc. gutter;
1,261 sq. ft. cem. conc. cross gutter;
3,482 ft. cem. conc. curb, class A.
 - Ocean View Ave.**
29,280 sq. ft. 1 1/2-in. oil macadam;
3,037 sq. ft. gutter;
152 ft. curb.
 - Valley View Ave.**
36,043 sq. ft. 1 1/2-in. oil macadam.
2,880 sq. ft. gutter.
30 ft. curb.
 - Shamrock Ave.**
13,111 sq. ft. 2 1/2-in. oil macadam;
14,595 sq. ft. 1 1/2-in. oil macadam;
920 sq. ft. gutter;
703 sq. ft. cross gutter;
13 ft. curb.

CONTRACT AWARDED

FRESNO AND TULARE COS., Cal.—A. A. Tieslau, 2819 Telegraph Ave., Berkeley, at \$4,271.50 awarded contract by the U. S. Bureau of Public Roads, for placing bituminous treat-

ment on approximately 3,981 miles. Section A, Fresno General Grant Park Approach Road, Sequoia National Forest, Fresno and Tulare Counties, Calif. • 29

LOW BIDDERS

PIERCE CO., Wash.—Henry Hagman, Cashmere, at \$24,183.00 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Office Bldg., Portland, for constructing or improving a bridge over Tolmie Creek, consisting of an 88-ft. steel plate girder span on concrete piers and four treated timber trestle spans, all with concrete deck and rail, together with approach grading, Carbon River Highway Project 11-A2, National Forest Road Project, Snoqualmie National Forest, Pierce Co., Wash.

Three low bids follow:

Henry Hagman, Cashmere, \$24,183.00.
H. C. Malott, Seattle, \$29,340.50.
S. R. Gray, Puyallup, \$30,597.10.

CONTRACT AWARDED

PLACERVILLE, El Dorado Co., Cal.—J. P. Breen, P. O. Box 183, Sacramento, at \$525 submitted low bid and awarded contract by the Forest Service, El Dorado National Forest, F. B. Moran, Acting Forest Supervisor, Placerville, under Bid No. 106, for furnishing and spreading 7,000 gallons of asphaltic road oil (SC-3) on camp grounds roads at Silver Lake, on Alpine Highway approximately 58 miles east of Jackson.

Total bids follow:

J. P. Breen, Sacramento, \$525.00
Hayward Bldg. Sup. Co., Hayward 560.00
Sheldon Oil Co., Suisun 567.00
Acme Trans. Co., Sacramento 580.00
A. A. Tieslau, Berkeley 689.00
Lee J. Immel, Berkeley 716.16
Hayward Bldg. Mtls. Co., Hayward 770.00

CONTRACT AWARDED

SAN FRANCISCO—Piombo Bros. & Co., 1571 Turk St., San Francisco, at \$480 awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, for removing sand on roadway and sidewalk area of Kirkham St. bet. 17th and 39th Avenues. • 29

CONTRACT AWARDED

SAN FRANCISCO.—Piombo Bros. & Co., (1571 Turk St., San Francisco, at \$394 awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, for removal of slide materials on Mangels Avenue bet. Genessee and Foerster Streets.

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco at \$550.50 awarded contract by San Francisco Department of Public Works, Room 251, City Hall, for construction of four side sewers in Anza Street bet. 47th and 48th Avenues. • 29

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Jones & King, Jackson St., Hayward, at \$269,769.25 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 3.5 miles of grading and paving with asphalt concrete and Portland cement concrete between Castro Valley Junction and San Leandro, Alameda County. • 29

BIDS OPENED

SAN JOAQUIN CO., Calif.—N. M. Ball Sons, 852 Carmel St., Berkeley, at \$30,715.50 submitted low bid to the State Division of Highways, C. H.

Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with untreated crushed gravel or stone about 4.4 miles on Moseley Road bet. Termino Road and Peltier Road, San Joaquin County.

Work involves:

- (1) 235 sta. clear and grub;
- (2) 1,200 M. gals. water;
- (3) 32,750 cu. yd. rdwy. excav., unclass.;
- (4) 64,000 sta. yds. overhaul;
- (5) 1,105 cu. yd. struc. excav.;
- (6) 235 sta. finish rdwy.;
- (7) 12,350 tons of untreated crushed gravel or stone surf.;
- (8) 494 l.f. 18-inch CMP;
- (9) 124 l.f. 24-inch CMP;
- (10) 792 l.f. 30-inch CMP;
- (11) 86 l.f. 36-inch CMP.

Total bids follow:

- (A) N. M. Ball Sons, 852 Carmel St., Berkeley, \$30,715.50.
- (B) Claude C. Wood, Lodi, \$31,831.
- (C) Louis Biasotti & Son, Stockton, \$34,107.70.
- (D) Plaza, Huntley, San Jose, \$35,697.50.
- (E) J. R. Reeves, Sacramento, \$39,168.50.
- (F) A. Teichert & Son, Inc., Sacramento, \$42,914.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$2.00	\$3.00	\$4.00	\$2.50	\$5.00	\$5.00
(2)	1.00	1.00	1.00	1.00	1.50	1.25
(3)	.20	.18	.21	.21	.30	.19
(4)	.01	.005	.01	.005	.005	.005
(5)	1.00	.90	1.00	1.00	1.00	1.00
(6)	3.00	3.00	5.00	3.50	3.00	4.00
(7)	1.28	1.45	1.40	1.64	1.60	2.19
(8)	1.75	2.00	2.05	2.00	2.00	2.00
(9)	2.40	2.50	2.25	2.75	2.50	3.00
(10)	3.00	3.00	3.75	3.50	3.50	3.50
(11)	4.65	5.00	5.75	5.00	4.75	5.00

BIDS WANTED

SAN FRANCISCO.—Until Sept. 7, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19151, for the Improvement of Athens Street between Excelsior Ave. and Avalon Ave. Est. cost, \$10,261.

Work involves:

- (1) 4600 cu. yd. grading (excavation);
- (2) 3800 cu. yd. (embankment);
- (3) 1390 l.f. unarmored conc. curb;
- (4) 16,600 sq. ft. asphalt conc. pave., consisting of a 6-inch Class F concrete base and a 2-in. asphalt concrete wearing surface;
- (5) 6060 sq. ft. 6-in. Class E conc. pavement;
- (6) 4 each brick catchbasins complete;
- (7) 110 l.f. 10-in. vit. clay pipe culvert in place;
- (8) 35 l.f. 8-in. vit. clay pipe sewer, in place;
- (9) 415 l.f. 6-in. vit. clay pipe side sewers, in place;
- (10) 735 sq. ft. 2-course conc. sidewalk;

Plans and specifications may be obtained from John J. Casey, City Engineer, upon deposit of \$10 cash. • 29

30—RESERVOIRS & DAMS

OFFICE OPENED

HANSEN DAM.—Guy F. Atkinson Co., successful contractor on the Hansen Dam, has opened a job office at 905 San Fernando Rd., San Fernando, from which all work at the dam will be directed. The telephone number is San Fernando 4621. George H. Atkinson, vice-president of the firm, will be manager of the project. Work will start as soon as the "proceed" order arrives from Washington, probably within the next ten days. Mr. Al Jennett is secretary to Mr. Atkinson at the above address.

BIDS OPENED

ALAMEDA COUNTY, Cal.—Guerin Bros., 2145 20th Ave., San Francisco, at \$45,384 submitted low bid to the East Bay Regional Park District, 1212 Broadway, Oakland, for the construction of a dam and irrigation system at Tilden Park, Alameda Co.

Total bids follow:

Guerin Bros., S. F. \$45,384.00
Utah Const. Co., S. F. 49,650.00
Ariss-Knapp Co., Oakland 58,197.50
Granfield-Farrar & Carlin, San Francisco 75,700.00
MacDonald & Kahn, S. F. 82,617.50
Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland 87,132.50
• 20

CONTRACT AWARDED

CONCHAS DAM, N. M.—Ernest W. Everly, P. O. Box 156, Albuquerque, N. M., at \$269,824 awarded contract by the U. S. Engineer, Conchas Dam, for construction of emergency spillway of Conchas Dam project. Invitation W-911-39-1. • 30

BIDS OPENED

MARTINEZ, Contra Costa Co., Cal.—Robert B. McNair, 3745 Rhoda Ave., Oakland, at \$9,300 submitted low bid to the Martinez City Council, City Clerk, City Hall, for the construction of a 500,000 gallon concrete reservoir.

Total bids follow:

Robert B. McNair, 3745 Rhoda Ave., Oakland, \$9,300.00
George Peterson, San Leandro, \$10,194.00
Lloyd O'Brien, San Francisco, \$10,970.00.

L. C. Seidell, Oakland, \$11,400.00.
D. W. Nicholson, Oakland, \$12,392. Underground Construction Co., Oakland, \$12,400.00.

A. Soda & Son, Oakland, \$13,064.84.
Pacific Coast Construction Co., San Francisco, \$13,348.00. • 30

BONDS VOTED

LAKEPORT, Lake Co., Calif.—The City of Lakeport voted bonds Aug. 16 in the amount of \$26,000 for construction of sewage disposal system.

31—PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$3,127.27 submitted the low bid to the Public Utilities Commission, Rm. 257 City Hall, under Spec. No. WD 184, for laying of 6- and 8-inch cast iron mains in Athens Street, Foote and Cayuga Aves., San Francisco.

Work involves:

- (1) 1,256 l.f. excavation and backfill for 6- and 8-in. pipe trench 17-in. wide by 36-in. deep;
- (2) 20 cu. yd. additional excavation and backfill;
- (3) No Item 3;
- (4) Installing pipe:
 - (a) 1021 l.f. 6-in. bolted joint cast iron pipe;
 - (b) 235 l.f. 8-in. bell and spigot cast iron pipe;
- (5) 160 lbs. fittings, gate valves, etc., installed;
- (6) 45 l.f. bell and spigot joints for pipe and fittings;
- (6a) 171 bolted joints for 6-in. cast iron pipe;
- (7) 100 sq. ft. street pavement;
- (8) 74 -in. screw taps installed;
- (9) 1650 3/4-in. copper service pipe installed;
- (10) Furnishing cast iron pipe, Class 150:
 - (a) 1021 l.f. 6-in. bolted joint pipe at \$0.74 per l.f.;
 - (b) 235 l.f. 8-in. bell and spigot cast iron pipe at \$1 per l.f.;

- (11) Furnishing bell and gate valves: 3 6-in. valves at \$17 each;
 - (12) Furnishing bell and spigot cast iron fittings: 1115 lbs. at \$0.6 per pound;
 - (13) Furnishing steel band and bolts: 100 lbs. at \$0.5 per lb.;
 - (14) Furnishing 3/4-in. copper service pipe: 1650 l.f. \$1.7 per l.f.;
 - (15) Furnishing 3/4-in. fittings for service, lump sum at \$107;
 - (16) Engineering, supervision & inspection, lump sum at \$231;
 - (17) Connections, lump sum at \$231.
- Total bids follow:
- (A) E. J. Treacy, 430 Call Bldg., San Francisco, \$3,121.27
 - (B) Martin Murphy, Albany, \$3,551.10
 - (C) San Francisco Water Dept., \$3,757.56
 - (D) Pacific Coast Const. Co., San Francisco, \$4,226.55.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$.50	\$.60	\$.60	\$.98
(2).....	1.00	.50	1.00	5.00
(3).....	.....	.....	.....	.....
(4a).....	.07	.10	.06	.20
(4b).....	.10	.10	.08	.20
(5).....	.03	.05	.03	.03
(6).....	.35	.50	.40	.25
(6a).....	.35	.50	.30	.20
(7).....	.25	.25	.26	.40
(8).....	1.00	1.00	.75	2.25
(9).....	.20	.25	.45	.25
(10a).....	.74	.74	.74	.74
(10b).....	1.00	1.00	1.00	1.00
(11).....	17.00	17.00	17.00	17.00
(12).....	.06	.06	.06	.06
(13).....	.05	.05	.05	.05
(14).....	.07	.17	.17	.17
(15).....	107.00	107.00	107.00	107.00
(16).....	231.00	231.00	231.00	231.00
(17).....	231.00	231.00	231.00	231.00

BIDS OPENED
ALCATRAZ, Calif.—Pacific Bridge Company, 333 Kearny Street, San Francisco, at \$225,500 submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D.C., for furnishing materials and performing the work for a fresh water supply line at the U. S. Penitentiary at Alcatraz, Calif. * 31

BIDS WANTED
ENCINITAS, San Diego Co., Cal.—Until Sept. 6, 1:30 P. M., bids will be received by the San Dieguito Irrigation District, Encinitas, for construction of a steel stand pipe, 24-ft. dia. and 68 ft. in height. Plans and specifications may be obtained from the office of the board of directors at the above address without charge. Herbert Nunn, secretary and general manager. J. P. Lippincott, engineer. * 31

CONTRACT AWARDED
SACRAMENTO AIR DEPOT.—F. H. Eaton, W. Cleveland & Park Ave., Woodland, at \$900 awarded contract by the Constructing Quartermaster Sacramento Air Depot, under Bid No. 6870-39-2, for drilling well for Radio Transmitter Bldg. at the Sacramento Air Depot. * 31

BOND ELECTION PLANNED
REDDING, Shasta Co., Calif.—The City of Redding is planning to call for a bond election and make application for a PWA grant to construct a \$70,000 municipal sewer disposal system. * 32

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED
SAN DIEGO, Calif.—Case Construction Co., Box 6, San Pedro, at \$167,450 submitted low bid to the Public Works Office, Headquarters Eleventh Naval District, foot of

Broadway, San Diego, under Spec. No. 8705, for extension of sewer and storm drains at the Naval Operating Base (Marine Corps Base and Training Station), San Diego.
The sewer and drain line additions and extension included in the work consists of: (a) 54-inch, 42-inch and 66-inch concrete pipe in land excavation and founded on timber sleepers with concrete backfill; (b) 30-inch, 36-inch and 66-inch concrete pipe founded on crosotted timber pile bents and stringers and extending over water and marsh land; and (c) concrete and brick bellmouth curved conduit sections, manholes, storm water in let and appurtenances.
Total bids follow:
Case Construction Co., Box 6, San Pedro, \$167,450.00.
United Concrete Pipe Corp., L. A., \$187,900.00.

- H. H. Peterson, \$192,737.00.
- C. M. Elliott, \$212,000.00.
- V. R. Dennis Const. Co., \$212,260.00.
- Chas. & F. W. Steffen, \$214,814.00.
- Wm. P. Nell Co., \$224,250.00.
- R. A. Wattson, \$234,958.00.

BIDS WANTED
TEMPE, Maricopa Co., Ariz.—Until Sept. 7, 8 P. M., bids will be received by the Tempe City Council for the construction of a sewage disposal plant to be constructed under a PWA grant of \$29,250. The estimated cost is approx. \$65,000. The plant will consist of Imhoff tank, Dunbar beds and sludge lagoons, with pipe lines, man-holes, valves, etc. Plans and specifications may be obtained from Dilworth Baird, city clerk.

CONTRA COSTA CO.—OVERHEAD CROSSING—(State)

CONTRA COSTA COUNTY, Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$86,263.50 submitted the low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a reinforced concrete slab overhead crossing over the tracks of the Atchison, Topeka and Santa Fe Railway Co. at Pinole, consisting of eleven 34-ft. 0-in. spans and two 25-ft. 6-in. spans on reinforced concrete bents and abutments and approximately 4 mile of approaches, Contra Costa Co.

- (19) 9,500 lbs. misc. iron and steel;
- (20) 100 l.f. 8-in. CMP;
- (21) 10 l.f. 18-in. CMP;
- (22) 64 l.f. 18-in. CMP siphon;
- (23) 700 l.f. 8-in. Perf. metal pipe underdrains;
- (24) 125 c.y. rock filling material perf. metal pipe underdrains;
- (25) 70 l.f. remove, clean and relay pipe culverts;
- (26) 1 each spillway assemblies;
- (27) 65 c.y. Class A Portland cement concrete curbs;
- (28) 15 each guide posts;
- (29) 10 ch monuments;
- (30) 1 lot electrical equipment;
- (31) 1 lot misc. items of work.

- Work involves:
- (1) 2 c.y. existing conc. removed;
 - (2) 1 lot clear and grub;
 - (3) 170 M. gals. water;
 - (4) 29,000 c.y. rdwy. excav., unclass.
 - (5) 1,750 c.y. struc. excav.;
 - (6) 4,000 c.y. tunnel backfill;
 - (7) 125,000 sta. yds. overhaul;
 - (8) 27 sta. finish rdwy.;
 - (9) 3,375 tons crusher run base;
 - (10) 1,775 tons min. agg., plant mix surf.;
 - (11) 300 tons liq. asph. MC-4 or MC-5, plant mix surf.;
 - (12) 17 tons liq. asph. SC-2 prime coat and penetration treatment
 - (13) 7 tons liq. asph., 90-95 seal coat;
 - (14) 88 tons screenings seal coat;
 - (15) 6 tons liq. asph. SC-1A penetration treatment;
 - (16) 440,400 lbs. bar reinf. steel;
 - (17) 1,858 c.y. Class A Portland cement conc. struc.;
 - (18) 43 c.y. Class A Portland cement concrete railing;

- Total bids follow:
- (A) Union Paving Co., 212 Babcock Bldg., San Francisco, \$86,263.50
 - (B) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$92,184.65.
 - (C) Macco Const. Co., Clearwater, \$97,133.40.
 - (D) Chas. L. Harney, San Francisco, \$101,591.75.
 - (E) Eaton & Smith, San Francisco, \$102,437.00.
 - (F) Bates & Rogers Const. Co., Oakland, \$110,027.31.
 - (G) B. A. Howkins & Co., San Francisco, \$110,141.00.
 - (H) R. G. Clifford, San Francisco, \$110,427.00.
 - (I) Williams Bros. & Haas, Inc., and P. J. Walker, San Francisco, \$114,374.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 10.00	\$ 6.00	\$ 5.00	\$ 10.00	\$ 12.50	\$ 8.50	\$ 20.00	\$ 6.00	\$ 17.50
(2).....	600.00	250.00	150.00	600.00	375.00	525.00	1600.00	600.00	524.00
(3).....	2.00	1.75	1.50	1.50	2.50	3.70	3.50	3.00	2.00
(4).....	.24	.26	.26	.32	.44	.35	.35	.50	.46
(5).....	1.50	1.85	1.00	3.30	1.25	2.20	3.00	1.50	3.00
(6).....	.50	.45	1.00	1.25	1.00	.63	.90	.80	1.00
(7).....	.005	.0037	.004	.006	.005	.0053	.005	.01	.012
(8).....	10.20	6.00	10.00	10.00	12.50	14.50	5.00	10.00	10.00
(9).....	2.00	2.18	2.00	2.60	2.50	2.20	2.50	2.30	2.50
(10).....	2.50	2.60	2.40	3.00	2.81	3.25	3.50	3.00	3.00
(11).....	8.00	12.75	11.00	14.00	10.00	12.60	12.00	16.00	14.00
(12).....	12.00	12.00	12.00	20.00	12.50	17.00	12.00	20.00	18.00
(13).....	15.00	12.00	14.00	20.00	12.50	17.00	12.00	24.00	19.00
(14).....	2.50	2.50	3.00	3.00	3.10	3.80	4.00	2.50	4.00
(15).....	12.00	11.00	14.00	12.00	11.00	17.00	12.00	20.00	18.50
(16).....	.035	.041	.045	.04	.044	.0398	.043	.05	.039
(17).....	20.00	21.00	22.50	18.50	20.60	23.65	22.50	22.00	25.00
(18).....	60.00	50.00	60.00	52.00	62.00	63.35	70.00	60.00	60.00
(19).....	.12	.15	.15	.15	.14	.20	.15	.16	.16
(20).....	1.00	1.00	1.00	1.00	1.06	1.35	1.20	1.00	1.30
(21).....	2.00	1.86	2.00	3.00	2.04	2.15	2.50	3.00	3.00
(22).....	4.00	2.85	2.85	3.75	2.04	3.65	4.00	3.00	5.00
(23).....	1.00	1.00	1.00	1.00	1.08	1.40	1.30	1.20	1.15
(24).....	3.00	2.50	2.00	3.50	3.75	4.55	4.00	2.30	2.80
(25).....	1.00	.90	1.00	.75	1.25	.75	1.00	1.20	1.00
(26).....	20.00	17.00	15.00	20.50	19.00	28.25	20.00	20.00	30.00
(27).....	15.00	18.50	15.00	16.50	16.20	47.50	20.00	40.00	25.00
(28).....	3.00	2.75	4.00	2.25	5.00	3.65	3.00	3.00	5.00
(29).....	3.00	3.50	3.00	3.00	3.75	4.20	3.00	3.00	6.00
(30).....	350.00	230.00	200.00	420.00	230.00	235.00	250.00	500.00	230.00
(31).....	1000.00	1050.00	1600.00	4100.00	2000.00	1050.00	2000.00	1000.00	1600.00

33— WATER WORKS

CONTRACT AWARDED

TUCSON, Ariz.—Arizona Concrete Co., 1724 Grand Ave., Phoenix, at \$9,438.95, was awarded contract by Tucson city council for construction of waterworks improvements under of FWA Docket Ariz. 1032-F, Unit No. 1. Headman, Ferguson & Carolo, engineers, 319 Homebuilders Bldg., Phoenix, are the engineers.

The other bids were: Vinson & Pringle, Phoenix, \$9936.36. Tanner Construction Co., Phoenix, \$11,175.80.

Herbert F. Brown, \$11,454. 31. Martin Constr. Co., \$11,544.80. M. M. Sundt Constr. Co., \$12,252. Lewis Bros., \$14,645.50. 33

BIDS OPENED

BRAWLEY, Imperial Co., Calif.—G. E. Kerns, 3712 Gaylota Ave., Long Beach, at \$27,932 submitted the low bid to the Brawley city council and was awarded the contract (subject to FWA approval) for furnishing and installing two filters, capacity 1,000,000 gals. each, at the city water plant. Harry L. Foster, San Diego, bid \$29,730; and Contracting Engineers Co., L. A., \$30,830. Walter K. Hopkins, city engineer. 33

BIDS WANTED

TEHACHAPI, Kern Co., Calif.—Until Sept. 6, 1 P. M., bids will be received by the Tehachapi city council for the construction of cast iron water mains and appurtenances; drilling of a water well; and for furnishing and installing a deep well pump. Plans and specifications prepared by the engineer, Ralph W. O'Neill, 1734 Cleveland Rd., Glendale, Calif. and may be obtained after Aug. 24 from the city clerk upon deposit of \$5, returnable. Bids will be received for not less than the whole of any one of the following schedules, to-wit:

- Sch. 1—cast iron water mains with lead joints;
- Sch. 2—cast iron water mains with cement joints;
- Sch. 3—water well;
- Sch. 4—deep well turbine water pump.

Certified or cashier's check or bid bond for 10% must accompany each proposal. W. L. Woods, city clerk. Note: bids will be received up to 1 P. M. and opened at 1:30 P. M.

The approx. quantities are:

- Sch. 1 and Sch. 2
 - (1) 2244 ft. 2-in. cast iron pipe;
 - (2) 4667 ft. 4-in. cast iron pipe;
 - (3) 2020 ft. 6-in. cast iron pipe;
 - (4) 388 ft. 8-in. cast iron pipe;
 - (5) 32 ft. 10-in. cast iron pipe;
 - (6) 2 8-in. gate valves;
 - (7) 2 6-in. gate valves;
 - (8) 17 4-in. gate valves;
 - (9) 6 2-in. gate valves;
 - (10) 1 8-in. check valve;
 - (11) Misc. recording meters;
 - (12) Misc. black screw pipe and fittings.

Schedule 3

- (13) Well, 500 ft. deep, 14-in. diam., 12-ga., riveted steel casing pre-perforated.

Schedule 4

- (14) Deep well cent'rif turbine pump, 30 h.p. 33

34— PARKS AND PLAY GROUNDS

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until Sept. 6, 1 P. M., bids will be received by the United States Golden Gate International Exposition Com-

SACRAMENTO—LEEVE CONSTRUCTION—(GOV'T)

SACRAMENTO, Calif.—D. McDonald, 204 23rd St., Sacramento, at \$23,092.90 (Sch. A) and Morrison-Kundsen Co., Inc., P. O. Box 1518, Boise, Idaho, at \$13,738.50 (Sch. B) submitted low bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-39-17, for raising and strengthening the existing levee of Feather River at Marysville and along north levee of Yankee Slough on the Bear River levee. Engineer's estimate: Sch. A, \$11,419; Sch. B, \$25,612; Combined Sch. A and B, \$64,351.

Daniel Bayles, Biggs, at \$52,820.90 submitted the lowest combined bids for Schedules A and B.

Work involves:

SCHEDULE A

- (1) 170,100 c.y. levee embankment, in place;
- (2) 2,300 M. gals. water for compaction purposes applied.

SCHEDULE B

- (3) 88,100 c.y. levee embankment, in place;
- (4) 3,300 M. gals. water for compaction purposes applied;
- (5) 112 c.y. road gravel, in place;
- (6) 29 c.y. Class "A" concrete, in place;
- (7) 2,725 lbs. reinforcing steel, in place;
- (8) 106 lf. corrugated iron pipe, 36-inch diameter No. 16 gauge, with necessary 36-inch diameter band couplers, in place;
- (9) 1 Calco No. 100, 36-inch diameter automatic drainage gate, or equal in place;
- (10) 6 tons "Oroville" cobbles in place;
- (11) 1 job remove and waste existing 24-inch diameter pipe and gate, Sta. 075.

SCH. A and B COMBINED

- (12) 170,100 c.y. levee embankment, in place (A);

- (13) 2,300 M. gals. water for compaction purposes applied (A);

SCHEDULE Part (B)

- (14) 88,100 c.y. levee embankment, in place (B);
- (15) 3,300 M. gals. water for compaction purposes applied (B);
- (16) 112 c.y. road gravel, in place (B)
- (17) 29 c.y. Class "A" concrete, in place (B);
- (18) 2,725 pounds reinforcing steel, in place (B);
- (19) 106 lf. corr. iron pipe, 36-inch dia. No. 10 gauge, with necessary 36-in. dia. band couplers, in place (B);
- (20) 1 Calco No. 100, 36-inch diameter automatic drainage gate or equal in place (B);
- (21) 6 tons of "Oroville" cobbles in place (B);
- (22) 1 job remove and waste existing 24-in. dia. pipe and gate, Sta. 0 plus 75 (D).

Total bids follow:

(A) D. McDonald, 204 23rd Street, Sacramento, Sch. A, \$23,092.90; Sch. B, \$16,571.50.

(B) Morrison-Kundsen Co., Inc., P. O. Box 1518, Boise: (A) \$39,722.00; (B) \$13,738.50; (A and B) \$53,460.50.

(C) Daniel Bayles, Biggs: (A) \$35,598.90; (B) \$17,222.03 (A and B) \$52,820.90.

(D) Hemstreet & Bell, Marysville: (A) \$36,320; (B) \$17,499.50 (A and B) \$53,819.50.

(E) Harms Bros., H. Earl Parker and W. C. Watson, Sacramento: (A) \$41,252.90; (B) \$17,241.15; (A and B) \$57,565.05.

(F) Mountain Const. Co., Sacramento: (A) \$46,116.30; (B) \$15,979.10; (A and B) \$62,095.40.

(G) Granfield, Farrar & Carlin, San Francisco: (A and B) \$61,005.25.

(H) S. C. Kärstedt, Watsonville: (A) \$25,292.28.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$.129	\$.22	\$.189	\$.20	\$.229	\$.263	\$.....	\$.....
(2).....	.50	1.00	1.50	1.00	1.00	.60	.....	.....
SCHEDULE B								
(3).....	.14	.115	.125	.12	.129	.126	.....	.21
(4).....	.50	.30	1.00	1.25	.90	.60	.....	1.30
(5).....	2.50	2.00	2.50	2.00	2.25	1.50	.....	2.50
(6).....	30.00	30.00	34.00	30.00	37.50	35.00	.....	30.00
(7).....	.06	.08	.09	.06	.07	.10	.....	.08
(8).....	8.50	10.50	10.38	12.00	11.00	10.50	.....	8.38
(9).....	225.00	100.00	150.00	200.00	145.00	200.00	.....	85.00
(10).....	8.00	7.00	8.00	8.00	5.00	5.00	.....	10.00
(11).....	100.00	50.00	100.00	25.00	35.00	100.00	.....	100.00
SCHEDULES A & B COMBINED								
(12).....	22	.189	.20	.224	.263	.26	.....	.....
(13).....	1.00	1.50	1.00	1.00	.60	.30	.....	.....
(14).....	.115	.125	.12	.129	.126	.14	.....	.....
(15).....	.30	1.00	1.25	.90	.60	.30	.....	.....
(16).....	2.00	2.50	2.00	2.25	1.50	1.50	.....	.....
(17).....	30.00	34.00	30.00	35.00	35.00	30.00	.....	.....
(18).....	.08	.09	.06	.07	.10	.05	.....	.....
(19).....	10.50	10.38	12.00	11.00	10.50	10.00	.....	.....
(20).....	100.00	150.00	200.00	145.00	200.00	200.00	.....	.....
(21).....	7.00	8.00	8.00	5.00	5.00	5.00	.....	.....
(22).....	50.00	100.00	95.00	35.00	100.00	300.00	.....	.....

SONOMA COUNTY—BRIDGE CONSTR.—(STATE)

SONOMA COUNTY, Cal.—A. Soda & Son, 5231 Grove Street, Oakland, at \$8,690.84 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer State Bldg., San Francisco, for the construction of a bridge across Russian River at Cloverdale, consisting of three 120-ft. steel truss spans on concrete piers with pile foundations and four 40-ft. steel girder spans on concrete bents and abutments on pile foundations and about 0.3 mile of grading, Sonoma County.

Work involves:

- (1) 2 acres clear and grub;

- (2) 5,300 c.y. imported rock embankment;
- (3) 3,600 c.y. rdwv. excav. unclass.;
- (4) 3,450 c.y. ditch and channel do;
- (5) 1,000 c.y. struc. excav.;
- (6) 114,000 lbs. bar reinf. steel;
- (7) 141 c.y. Class A Portland cement conc. footing blocks;
- (8) 810 c.y. do cement conc. struc.;
- (9) 422,000 lbs. struc. steel;
- (10) 7800 lbs. cast steel;
- (11) 2,580 lf. furnishing steel piles;
- (12) 98 cft. driving steel piles;
- (13) 376 lf. guard railing;
- (14) 16 cu. yd. dalk rails;
- (15) 1 lot misc. items of work.

Total bids follow:

- (A) A. Soda & Son, 5231 Grove St., Oakland, \$86,940.84.
- (B) Fred J. Maurer & Son, Inc., Eureka, \$93,076.00.
- (C) Chas. L. Harney, San Francisco,

\$96,217.00.

- (D) E. T. Lesure, Oakland, \$96,642.00.
- (E) M. B. McGowan, Inc., San Francisco, \$101,419.00.
- (F) J. H. Pomeroy & Co., Inc., San Unit prices follow:

mission, George Creel, Commissioner, at 200 Bush Street, San Francisco, for performing all work and providing and paying for materials, labor, tools, equipment, transportation, and other facilities necessary for landscape treatment around a building located on Treasure Island, Yerba Buena Shoals.

Plans and specifications may be obtained at Room 1400, 200 Bush St., San Francisco upon deposit in cash or certified check of \$50, returnable, payable to George Creel, Commissioner.

35— TUNNELS

BIDS WANTED

CENTRAL VALLEY PROJ.—Calif.
 —Until Sept. 19, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 796, for the construction of earthwork, tunnels, and structures for the Southern Pacific Railroad relocation, milepost 258.63 to milepost 272.68, Kennett division, Central Valley Project, Calif.

- Estimated quantities follow:
- (1) 153 acres clearing right-of-way;
 - (2) 1,615,400 c.y. excavation for roadway;
 - (3) 7,579,000 sta. c.y. overhaul;
 - (4) 13,400 M. gals. water for moistening embankment materials;
 - (5) 2,100 roller-hours of rolling embankments;
 - (6) 17,400 c.y. excavation for structures;
 - (7) 107,400 c.y. excavation in tunnels;
 - (8) 8,830 c.y. concrete in structures.
 - (9) 26,350 c.y. concrete in tunnels and tunnel portals;
 - (10) 1,240 s.y. special finishing of concrete surfaces;
 - (11) 12,600 s.y. waterproofing concrete surfaces;
 - (12) 3,600 c.y. riprap;
 - (13) 1,650 s.y. dry-rock paving;
 - (14) 25,200 c.y. backfill;
 - (15) 22,200 c.y. compacting backfill;
 - (16) Placing 2,573,200 lbs. reinforcement bars;
 - (17) Furnishing and installing 633,100 lbs. permanent steel tunnel supports;
 - (18) Furnishing and erecting 113 M. ft. b.m. permanent timbering in tunnels;
 - (19) Installing 50,000 lbs. metal drain and weep pipes in tunnels;
 - (20) Drilling 3,200 l.f. weep holes in tunnels;
 - (21) Laying 2,672 l.f. 18-inch to 60-inch diameter corrugated metal pipe;
 - (22) Laying 3,226 l.f. 12-inch to 36-inch diameter concrete pipe;
 - (23) Constructing 900 l.f. 8-inch diameter perforated-pipe track drains;
 - (24) Constructing 1,000 l.f. 8-inch diameter longitudinal tunnel drains;
 - (25) Installing 400 l.f. 4-inch diameter sewer-pipe drains in walls of underpasses.
 - (26) Erecting 122,000 lbs. structural steel in overhead crossing;
 - (27) Erecting 9.0 M. ft. b.m. of timber;
 - (28) Installing 3,700 lbs. misc. metal-work;
 - (29) Installing 22,800 l.f. electrical conduits in tunnels;
 - (30) Constructing 28 miles of right-of-way fence;
 - (31) Installing 24 right-of-way fence gates;
 - (32) Constructing timber aprons and automobile crossings.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$3.00 per copy, not returnable.

CONTRA COSTA CO.—IRRIGATION SYSTEM—(DIST.)

CONTRA COSTA COUNTY, Calif.—Guerin Bros., 2145 20th Ave., San Francisco, at \$45,384 submitted low bid to the East Bay Regional Park District, 1212 Broadway, Oakland, for construction of a dam and irrigation system at Chas. Lee Tilden Park, Wildcat Creek, Contra Costa County. Work involves:

- 1) 12 acres clearing dam site and reservoir basin;
- 2) 10,000 c.y. foundation excav.;
- 3) 1,000 c.y. cutoff trench excav.;
- 4) 250 c.y. outlet conduit excav.;
- 5) 8,250 c.y. spillway excav.;
- 6a) 400 l.f. outlet conduit and control work, 18-in. 12-lbch sheet steel pipe;
- 6b) Lump sum, one 18-inch brass trimmed cast iron sluice gate, complete with extended stem and operating stand and stem supports;
- 6c) Lump sum, one 10-in. standard gate valve, Crane No. 461, or equal;
- 6d) Lump sum, one 10-in. standard gate valve, Crane No. 461, or equal;
- 6e) Lump sum, one 4-in. No. 3E extra heavy gate valve, Crane or equal;
- 6f) Lump sum, one 4-in. No. 39D, extra heavy check valve, Crane or equal;
- 6g) Lump sum, one 10-in. standard flanged cast iron tee;
- 6h) Lump sum, one 10x36-in. cone screen, 1/2-in. plate, 1/4-in. perforation;
- 6i) Lump sum, one 5x9-foot trash rack;

- (7) 30,000 sq. ft. upstream face protection;
- (8) 1,000 c.y. lower dock toe;
- (9) 90,000 c.y. earthfill rolled embankment;
- (10) 200 c.y. concrete, Class A;
- (11) 100 c.y. concrete, Class B;
- (12) 15,000 lbs. reinf. steel;
- (13) 3,000 l.f. 6-in. 12 gauge sheet steel soil proof pipe with Dressler couplings. Pipe to be laid in 12x18-in. trench and backfilled;
- (14) 3,000 l.f. 2-in. standard black wrought pipe installed;
- (15) Lump sum, one 2-stage horizontal bronze fitted centrifugal pump;
- (16) Lump sum, one 75-h.p. 3500-rpm. 3-phase, 60-cycle, 400-volt, ball bearing motor, complete with starter;
- (17) 3,000 c.y. distribution reservoir;
- (18) 6,500 sq. ft. do, 1 1/2-in. reinforced gunite lining;
- (19) Lump sum, stone pump house.

Total bids follow:

- (A) Guerin Bros., San Francisco, \$45,384.00.
- (B) Utah Const. Co., San Francisco, \$49,650.00.
- (C) Arris-Knapp Co., Oakland, \$58,197.50.
- (D) Granfield-Farrar & Carlin, San Francisco, \$75,700.00.
- (E) MacDonald & Kahn, San Francisco, \$82,617.50.
- (F) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$87,132.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
1).....	\$ 1,200.00	\$ 3,600.00	\$ 1,200.00	\$ 2,850.00	\$ 1,200.00	\$ 5,400.00
2).....	2,500.00	3,000.00	3,000.00	12,500.00	10,500.00	10,500.00
3).....	500.00	1,000.00	3,000.00	3,000.00	1,500.00	4,000.00
4).....	250.00	175.00	362.50	750.00	375.00	812.50
5).....	2,475.00	3,300.00	3,300.00	2,805.00	10,312.50	12,375.00
6a).....	640.00	700.00	1,400.00	1,000.00	1,200.00	1,000.00
6b).....	1,100.00	1,150.00	1,100.00	1,200.00	1,000.00	600.00
6c).....	355.00	330.00	480.00	500.00	500.00	400.00
6d).....	100.00	90.00	145.00	150.00	150.00	100.00
6e).....	65.00	62.50	100.00	100.00	100.00	50.00
6f).....	60.00	60.00	100.00	100.00	100.00	100.00
6g).....	40.00	25.00	60.00	40.00	30.00	40.00
6h).....	25.00	12.50	150.00	100.00	100.00	75.00
6i).....	75.00	130.00	150.00	150.00	300.00	250.00
7).....	1,440.00	2,100.00	1,200.00	2,400.00	2,400.00	2,850.00
8).....	500.00	900.00	150.00	1,000.00	800.00	650.00
9).....	21,330.00	20,250.00	23,400.00	30,600.00	31,500.00	25,740.00
10).....	3,080.00	3,700.00	4,520.00	4,000.00	6,000.00	6,200.00
11).....	1,450.00	1,450.00	2,100.00	1,900.00	3,000.00	3,050.00
12).....	825.00	900.00	825.00	900.00	750.00	1,200.00
13).....	2,430.00	2,250.00	2,250.00	3,000.00	3,600.00	4,200.00
14).....	810.00	825.00	2,100.00	1,800.00	2,100.00	1,950.00
15).....	667.00	550.00	850.00	750.00	600.00	625.00
16).....	667.00	875.00	1,200.00	750.00	1,000.00	1,700.00
17).....	750.00	750.00	1,890.00	1,200.00	1,200.00	990.00
18).....	1,300.00	715.00	1,365.00	1,625.00	1,300.00	1,625.00
19).....	750.00	250.00	1,000.00	500.00	1,000.00	650.00

Section 562 P. D. 271
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, C

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Low Bids Total \$247,217
on Four State Jobs

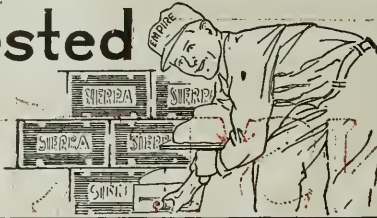


Moore & Roberts Low on Agnew Addition



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., SEPTEMBER 3, 1938

No. 36

Low Bids Aggregate \$247,217 on Four State Bridge and Highway Contracts

SACRAMENTO, August 31—The State Division of Highways today received low bids aggregating \$247,217 on four bridge and highway construction jobs in Lake, Placer, Sierra and Humboldt Counties.

Paul J. Tyler, Oroville, at \$99,666, submitted the only bid on the largest contract for which bids were opened by the State Division of Highways today.

Steel Span

The work involves construction of one 120-foot steel truss span on concrete piers, and two 49-foot girder spans on concrete bents across the North Fork of the Yuba River at Downieville in Sierra County.

Approximately 0.5 miles of grading and surfacing with untreated crushed gravel and applying seal coat are involved also.

Bids on the contract were first called for August 17. However, the bid opening date was postponed at that time until today.

J. L. Connor and Sons, Monterey, at \$69,456.50, under bid six competing firms on the second largest contract for which bids were opened today. The work involves about 2.1 miles of grading and surfacing with untreated crushed gravel and applying seal coat. The stretch to be improved lies between Le Trianon and Scotts Valley Road in Lake County.

Complete bids follow:

J. L. Connor and Son.....	\$69,456.50
Hemstreet and Bell.....	78,390.60
Fredericksen and Westbrook.....	79,208.00
N. M. Ball Sons.....	81,917.60
Poulos and McEwen.....	84,070.50
Harms Bros & Larson Bros.....	89,621.00
J. R. Reeves.....	106,493.00

Placer County

Piazza and Huntley, San Jose, at \$46,491.80, submitted the low bid for about 1.1 miles of grading and surfacing with plant-mixed surfacing on crusher run base and approaches to the Colfax grade separation in Placer County.

Piazza and Huntley	\$46,491.80
Hemstreet and Bell	50,179.40
Mountain Const. Co.....	50,853.90
Pacific States Const Co...	51,308.90
Independent Const. Co....	52,065.75
M. J. Ruddy	59,291.50

SHASTA RAIL BIDS TO OPEN SEPT. 21

Postponement of the bid opening date for construction of the 14-mile section of the Southern Pacific railway relocation around the site of Shasta Reservoir from September 19 to September 21 is announced by the Bureau of Reclamation.

Bids will be opened at 10 A. M., September 21, in the Old Post Office in Sacramento. The contract calls for construction of earthwork, tunnels, and structures for the railroad relocation from milepost 258.63 to milepost 272.68, near Redding Bids for the long low bridge in the vicinity of Redding, first portion of the relocation project, were opened last month.

NEW OFFICES TAKEN BY PACIFIC MFG. CO.

The Pacific Manufacturing Company announces the new location of their offices at 142 Sansome street, the fifth floor. The Company was formerly located at 454 Montgomery street.

The change of address will become effective on and after September 1, it is announced. The telephone number is GARfield 7755.

Bridge Creek Job

E. E. Smith, Eureka, at \$31,604, submitted the low bid for construction of reinforced concrete slab and girder bridge across Bridge Creek about 19 miles north of Garberville in Humboldt County. The only other bidder was Robert McCarthy, at \$39,658.

The bridge will consist of five 24-foot spans on concrete pile bents with spread footings. About fifteen one hundredths of a mile of grading is called for also under the contract.

S. F. FIRM LOW FOR HOSPITAL WING CONTRACT

Moore & Roberts Bid \$89,700 On Agnew Hydrotherapy Additions

SACRAMENTO, August 31 — State Architect George B. McDougall today opened bids for construction of two hydrotherapy wings at the Agnew State Hospital.

Moore and Roberts, San Francisco, at \$89,700, submitted the low bid on the general contract, followed by K. E. Parker Company, at \$91,900.

Other Bidders

Other bidders on the general contract were B. A. Howkins Company, at \$94,813; and Trewitt - Shields and Fisher, at \$96,500.

Bids on the job were taken as follows: (1) general work, (2) electrical work (3) plumbing; and (4) heating and ventilating.

The two hydrotherapy wings will be additions to the existing receiving buildings, and will be two stories in height of reinforced concrete construction. Specifications call for hollow tile partitions, steel sash; and tile roofs.

The total combined area of the two wings will be approximately 14,000 square feet, according to Mr. McDougall.

Gulbert Bros. Electric Company, San Jose, at \$5,726, submitted the low bid on the electrical contract, followed by Alta Electric and Mechanical, at \$6,130.

A. J. Peters and Son, at \$15, 909, was low bidder on the plumbing contract, with William F. Serpa, at \$16,147, second low.

O'Mara and Stewart, Ltd., at \$11,719, were the low bidders for the heating and ventilating work, followed by Pacific Heating and Ventilating Company, at \$11,725.

STATE APPORTIONS S. F. VEHICLE FUNDS

Apportionment of motor vehicle fees to cities for the second quarter of 1938, announced today by the Department of Motor Vehicles through the office of Governor Frank F. Merriam, show San Francisco will receive \$22,609.83.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2002	McNevin	Owner	10000
2003	Rousseau	Owner	10000
2004	Rousseau	Owner	10000
2005	Rousseau	Owner	10000
2006	Rousseau	Owner	10000
2007	Rousseau	Owner	10000
2008	New Century	Mission	6000
2009	Petronave	Malasplina	5500
2010	Petruxxelo	Cornblum	5000
2011	Shelling	Williams	4600
2012	Dahlstrom	Owner	3000
2013	Hanna	Williamson	1600
2014-18	Gall	Owner	6000
2019	Schilling	Mortenson	2900
2020	Campbell	Brech	2000
2021	Sass	McClenahan	1500
2033	Schilling	Dinwiddle	10000
2034	Stoneson	Stoneson	5500
2035	Stoneson	Stoneson	5500
2036	Meyer Bros.	Meyer Bros.	5000
2037	Meyer Bros.	Meyer Bros.	5000
2038	Connich	Peasecki	2750
2039	Simpson	Dunn	10000
2040	Knight	Higgins	8000
2041	Beck	Higgins	4500
2042	Hansen	Owner	4000
2043	Hansen	Owner	4000
2044	Hansen	Owner	4000
2045	Hansen	Owner	4000
2046	Gardner	McKeon	4000
2047	Johnson	Owner	3500
2048	Johnson	Owner	3500
2049	Florida	Wagner	21000
2050	Kesley	Jansen	5500
2051	Kruger	Tee Fee	4000
2052-4	Lindsay	Owner	3500
2055	Lindsay	Owner	3950
2056	Semenoff	Helgesson	3950

FLATS

(2002) E. BAKER 100 W. Union. Two-story frame flats.
Owner—P. C. McNevin, 250 Mallara Way.
Architect—Not given. \$10,000

FLATS

(2003) N. BEACH 206 W. Webster. Two-story frame flats.
Owner and Builder—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$10,000

FLATS

(2004) N. BEACH 128 W. Webster. Two-story frame flats.
Owner and Builder—Oliver M. Rousseau, 321 Kearny.
Architect—Not given. \$10,000

FLATS

(2005) N. BEACH 232 W. Webster. Two-story frame flats.
Owner and Builder—Oliver M. Rousseau, 321 Kearny.
Architect—Not given. \$10,000

FLATS

(2006) N. BEACH 154 W. Webster. Two-story frame flats.
Owner and Builder—Oliver M. Rousseau, 321 Kearny.
Architect—Not given. \$10,000

FLATS

(2007) N. BEACH 180 W. Webster. Two-story frame flats.
Owner and Builder—Oliver M. Rousseau, 321 Kearny.
Architect—Not given. \$10,000

WAREHOUSE

(2008) S. W. PACIFIC & TRENTON. One-story class 'C' warehouse.
Owner—New Century Beverage Co.

Pacific near Stockton.
Contractor—Mission Concrete Construction, 277 Turk St.
Architect—E. H. Denke, 1317 Hyde Street. \$6000

FLATS

(2009) N. W. LISBON & RUSSIA. One-story frame flats.
Owner—A. Petronave, 511A Russia.
Contractor—E. Malasplina, 526 Paris.
Architect—Not given. \$5500

DWELLING

(2010) W. THOMAS 200 E. Ingallas. Two-story frame dwelling.
Owner—Sebastian Petruxxelo, c/o contractor.

Contractor—Ed Cornblum, 400 47th Ave.
Architect—Not given. \$5000

STORE

(2011) W. WEST PORTAL AVE. 20148 N. W. 14th Ave. One-story frame store.

Owner—Martin Shelling, Jr., c/o contractor.
Contractor—G. W. Williams Co., Burlingame, Calif.
Architect—Not given. \$4600

DWELLING

(2012) S. PARADISE 89 W. Burnside. One-story frame dwelling.
Owner and Builder—Gust Dahlstrom, 160 Castro.
Architect—B. K. Dobkowitz, 425 Monterey Blvd. \$3000

ALTERATIONS

(2013) 2505 DIVISADERO. Alter dwelling.
Owner—R. J. Hanna, prem.
Contractor—W. Williamson, 320 Market St.
Plans by Engr. Al Parquette, 320 Market \$1600

FLATS

(2014-18) W BEAUMONT 59, 85, 111, 138, 164 S Anza. Five 2-story fr. flats.
Owner and Builder—R. F. Gall, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$6,000 each

ALTERATIONS

(2019) SW SECOND and Folsom Sts. Alter factory.
Owner—A. Schilling & Co., Second & Folsom Streets.
Contractor—Mortenson Const. Co. Indiana and 19th Sts.
Architect—Geo. L. Hurst, 405 Montgomery Street.
Engineer—Robt. A. Hanson, 608 Indiana Street. \$2,900

DWELLING

(2020) W TERMINAL of Norwich 110 W Harrison. One-story frame dwelling.
Owner—W. L. Campbell, 1587 Treat Avenue.
Contractor—M. Brueck 1200 Bayshore Boulevard.
Architect—Not Given. \$2,000

ALTERATIONS

(2021) W THIRD ST, 300 S 22nd St. Alter rooming house.
Owner—Claus Saa, 2572 Third St.
Contractor—T. W. McClenahan, 333 16th Avenue.
Architect—Not Given. \$1,500

SILOS

(2033) S.E. 2nd & FOLSOM. Reinforced concrete silos.

Owner—A. Schilling & Co., 2nd and Folsom.
Contractor—Dinwiddle Const. Co., 210 Crocker Blvd.
Engineer—Geo. L. Hurst, 405 Montgomery. \$10,000

DWELLING

(2034) S. ROSSMOOR DRIVE 111 E. 19th Ave. Two-story frame dwelling.
Owner and Builder—Stoneson Bros, 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5500

DWELLING

(2035) ROSSMOOR & ELMHURST DRIVE. Two-story frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5500

DWELLING

(2036) N. E. TERESITA BLVD. 32 N. W. Reposa Way; One-story frame dwelling.
Owner and Builder—Meyer Bros., 735 Portola Drive.

DWELLING

(2037) N. E. TERESITA BLVD. and Peposa Way. One-story frame dwelling.
Owner and Builder—Meyer Bros., 755 Portola Drive.
Architect—Not given. \$5000

(2038) N LAYTON 120 W. 48th Ave. One-story frame dwelling.
Owner—Antone Connich, 847 Sansome St.
Contractor—Joe Peasecki, 345 Haight St.
Architect—Not given. \$2750

ALTERATIONS

(2039) NO. 761 MARKET ST. Alter store.
Owner—Norris Beggs Simpson, 243 Kearny St.
Engineer—W. H. Ellison, Pacific Bldg.
Contractor—Louis C. Dunn, Inc., 681 Market St. Cost, \$10,000

FLATS

(2040) W LEXINGTON ST. 35 S Sycamore St. Two-story frame flats.
Owner—Richard Knight, 666 Valencia Street.
Architect—Not Given.
Contractor—Joe Higgins Inc., 62 Monterey Blvd. Cost, \$8000

DWELLING

(2041) S CABRILLO ST. 95 W 30th Ave. One-story frame dwelling.
Owner—John Beck, 1600 12th Ave.
Architect—Not Given. \$4500

DWELLING

(2042) N MT. VERNON ST. 100 W Delano Ave. One-story frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose Ave.
Architect—Not Given.
Contractor—L. Y. Klein, Mill Valley. Cost, \$4000

DWELLING

(2043) N MT. VERNON ST. 75 W Delano Ave. One-story frame dwelling.
Owner—Hansen & Hansen, 2401 San Jose Ave.
Architect—Not Given.
Contractor—L. Y. Klein, Mill Valley. \$4000

DWELLING
(2044) N MT. VERNON ST. 50 W
Delano Ave. One-story frame
dwelling.
Owner—Hansen & Hansen, 2401 San
Jose Ave.
Architect—Not Given.
Contractor—L. Y. Klein, Mill Valley.
\$4000

DWELLING
(2045) N MT. VERNON ST. 25 W
Delano Ave. One-story frame
dwelling.
Owner—Hansen & Hansen, 2401 San
Jose Ave.
Architect—Not Given.
Contractor—L. Y. Klein, Mill Valley.
\$4000

DWELLING
(2046) E 30TH AVE. 25 S Quintera
St. One-story frame dwelling.
Owner—Gerold Gardner, 328 Lawton
St.
Architect—Not Given.
Contractor—C. F. McKeon, 2194 30th
Avenue. \$4000

DWELLING
(2047) S GARFIELD AVE. 25 E
Vernon St. One-story frame
dwelling.
Owner—O. L. Johnsen, 177 Chatta-
nooga St.
Architect—Not Given. \$3500

DWELLING
(2048) SE GARFIELD & VERNON.
One-story frame dwelling.
Owner—O. L. Johnsen, 177 Chatta-
nooga St.
Architect—Not given. \$3500

FLATS
(2019) N. W. ALABAMA & ARMY
STS. Two-story frame flats.
Owner—A. F. Florito, 1456 Florida.
Contractor—George Wagner, 181 So.
Park.
Architect—H. C. Baumann, 251 Kear-
ny St. \$21,000

FLATS
(2050) N. 17th ST. 643 E. Douglas.
Two-story frame flats.
Owner—J. Keeley, 4683 18th Street.
Contractor—E. Jansen, 41 Bache St.
Architect—Not given. \$5500

DWELLING
(2051) E. CRAGMONT AVE. 135 S.
Oriole Way. One-story frame
dwelling.
Owner—Geo. L. Krueger, 127 Judah.
Contractor—Tee Pee Constr. Co., 308
Scott St.
Architect—Not given. \$4000

DWELLING
(2052) E. 34th AVE. 160 S. Irving.
One-story frame dwelling.
Owner and Builder—C. T. Lindsay,
820 Taraval.
Architect—Not given. \$3500

DWELLING
(2053) E. 23rd AVE. 250 S. Moraga.
One-story frame dwelling.
Owner and Builder—C. T. Lindsay,
820 Taraval.
Architect—Not given. \$3500

DWELLING
(204) E. 23rd AVE. 275 S. Moraga.
One-story frame dwelling.
Owner and Builder—C. T. Lindsay,
820 Taraval.
Architect—Not given. \$3500

DWELLING
(2055) E. 34th AVE 185 S. Irving.
One-story frame dwelling.
Owner and Builder—C. T. Lindsay,
820 Taraval.
Architect—Not given. \$3950

DWELLING
(2056) E. CAROLINA 275 N 22nd.
One-story frame dwelling.
Owner—W. P. Semenoff, c/o contrac-
tor.
Contractor—Roy A. Helgesson, 2695
23rd Ave.
Architect—Not given. \$3950

ALAMEDA COUNTY

2147 Golden State	Salih	185000
2149 Peshel	Owner	3500
2150 Clay	Degen	1200
2151 Traverse	Vaughn	1000
2152 Drysdale	Owner	5250
2022 Block	Roberts	5000
2023 Konig	Bigelow	4000
2024 Coats	Minsky	3550
2025 Fisher	Johnson	3500
2026 Col. of H.N.	MacIntyre	3500
2027 Boyd	Studebaker	3000
2028 Ready	Albin	3000
2029 Koening	Nichols	2900
2030 Oakland Sch.	Cleveland	2800
2031 Flavin	Noble	2500
2032 Siegel	Traylor	2000
2153 Long	Lapham	9000
2154 Henchell	Hamilton	2100
2155 Thomas	Bradhoff	2000
2156 Shoki	Vila	1385
2157 Lanbe	1000	
2158 East Bay	Anderson	18500
2159 McPherson	Bartlett	9000
2160 Hall	Owner	6500
2161 White	Haulman	6000
2162 Gerke	Wierk	4300
2163 Stymans	Hutchinson	4100
2164 Cianciarulo	Beckett	1000
2165 Gush Drug	Beckett	1000
2166 Koshaba	Gaubert Bros	1000
2167 Anthes	Allan	4000
2168 Baker	Owner	3000
2169 Beckett	Owner	4000
2170 Darling	Owner	3000
2171 Giacioletto	Peterson	3400
2172 Gwynn	Fickett	1450
2173 Heraty	Jensen	3500
2174 Roy Bldg.	Cahill	1900
2175 Stolte	James	1000

THEATRE
(2148) 3216-38 East 14th ST., OAK-
LAND. Two-story concrete the-
atre and stores.
Owner—Golden Gate Theatre & Real-
ty Corp., 25 Taylor Street, San
Francisco.
Contractor—Salih Bros., 25 Taylor
St. San Francisco.
Architect—Jorgensen & Deichmann,
321 Bush St., San Francisco.
\$185,000

DWELLING
(2149) 2501 99th AVE., OAKLAND.
One-story 5-room dwelling.
Owner and Builder—C. O. Peshel,
4276 Fruitvale Ave., Oakland.
Architect—Not Given. \$3,500

DWELLING
(2150) 2126 ACTON, BERKELEY.
One-story 3-rm. frame dwelling and
garage.
Owner—Wm. Clay, 2124 Acton.
Contractor—Wm. P. Degen, 2163 Cen-
ter Street.
Architect—Not Given. \$1,200

GARAGE
(2151) 5279 CLAREMONT Avenue,
OAKLAND. One-story tile ga-
rage.
Owner—W. J. Traverse.
Contractor—Wiley T. Vaughn, 103
Bayo Vista Avenue.
Architect—Not Given. \$1,000

RESIDENCE
(2152) 24 SYLVAN WAY, PIED-
MONT. One-story 4-room resi-
dence and garage.
Owner and Builder, Geo. H. Drys-
dale, 22 Wildwood Ave., Piedmont
Architect—Not Given. \$5,250

DWELLING
(2022) 1498 SUMMIT RD., BERKE-
LEY. One-story 5-room frame
dwelling and garage.
Owner—Carl Block.
Contractor—R. C. Roberts & Son,
4840 Proctor Ave., Oakland.
Architect—Not given. \$5000

DWELLING
(2023) 1480 ORDWAY, BERKELEY.
1½-story 5-room frame dwelling
and garage.
Owner—R. C. Konig, 2022 9th St.
Contractor—J. E. Bigelow & Sons, 150
Ordmore Rr.
Architect—Not given. \$4000

DWELLING
(2024) 7607 VALENTINE ST., OAK-
LAND. One-story 6-room dwel-
ling.
Owner—Loyal M. Coats.
Contractor—Ernest T. Minney, 8144
Foothill Blvd.
One-story garage, \$250.
Architect—Not given. \$3550

DWELLING
(2025) 8220 GOLF LINKS RD., OAK-
LAND.
Owner—T. Fisher.
Contractor—Elmer Johnson, 6127
Foothill Blvd.
Architect—Not given. \$3500

ALTERATIONS
(2026) 2036 WEBSTER ST., OAK-
LAND. Alterations.
Owner—College of the Holy Names,
2036 Webster St.
Contractor—E. Stuart MacIntyre, 299
Perkins St.
Architect—H. A. Minton, 610 Under-
wood Bldg., S. F. \$3500

DWELLING
(2027) 3241 LIESE AVE., OAKLAND.
One-story 4-room dwelling.
Owner—V. Boyd, 3921 Magee Ave.
Contractor—S. M. Studebaker, 259
East 12th St.
Architect—Not given. \$3000

DWELLING
(2028) 7631 VALENTINE STREET,
OAKLAND. One-story 5-room
dwelling.
Owner—E. W. Ready.
Contractor—Wm. Albin, 3219 Noe St.,
San Francisco.
Architect—Not given. \$3000

DWELLING
(2029) 2020 9th AVE., OAKLAND.
One-story 4-room dwelling.
Owner—Max W. Koenig, 1106 Broad-
way.
Contractor—Leo. L. Nichols, 3800 Enos
Ave.
Architect—Not given. \$2900

WRECK
(2030) 4314 PIEDMONT AVE., OAK-
LAND. Wreck School, 2-stories.
Owner—Oakland School Dist., 1025
2nd Ave.
Contractor—Cleveland Wrecking Co.,
260 Spear St., S. F.

DWELLING
(2031) 6663 BROWN ST., OAK-
LAND. One-story 4-room dwel-
ling.
Owner—Geo. A. Flovin.
Contractor—Noble & Justice, 2206
Clinton Ave., Alameda.
One-story garage, \$100.
Architect—Not given. \$2599

ALTERATIONS
(2032) 986 35 ST., OAKLAND, Ai-
ter and Add.
Owner—Jack Siegel, 1407 Francisco
St., Berkeley.
Contractor—J. R. C. Traylor, 2334
Courtland Ave.
Architect—Not given. \$2000

DWELLING
(2153) 2045 BYWOOD DRIVE, OAKLAND. Two-story 7-room dwelling.
Owner—E. W. Long.
Contractor—Theo H. Lapham, 546 Kenmore Ave.
Architect—I. M. Johnson, 2215 7th Ave. \$9000

STORE
(2154) 5809 GROVE ST., OAKLAND. One-story store.
Owner—Fred P. Henschell, 60th and Adeline Sts.
Contractor—Fred Hambleton, 1601 Wellington St.
Architect—Not given. \$2100

ADDITIONS
(2155) 683 SANTA BARBARA, BERKELEY. Additions.
Owner—F. F. Thomas, 683 Santa Barbara.
Contractor—C. O. Bradhoff, 911 55th St., Oakland.

ADDITIONS
(2156) 2637 ELLSWORTH, BERKELEY. Additions.
Owner—Mrs. E. Shoker, 2637 Ellsworth.
Contractor—Joe Vila, 1207 Solano.
Architect—Not given. \$1395

ALTERATIONS
(2157) 4464 MONTGOMERY STREET, OAKLAND. Alter to apts.
Owner and Builder—Otto Laube, 4464 Montgomery St.
Architect—Not given. \$1000

CLUB HOUSE
(2158) LAKE TEMESCAL. One-story club house.
Owner—East Bay Regional Park.
Contractor—A. F. Anderson, 1093 Longridge Road.
Architect—Williams & Wastell, 374 17th St. \$18,500

DWELLING
(2159) 6144 ROCKRIDGE PLACE. One-story, 7-room dwelling.
Owner—S. M. McPherson, 5971 Keith Ave.
Contractor—R. E. Bartlett, 223 Wilhamette Ave., Berkeley.
Architect—K. O. Narbett, Richmond, Calif. \$9000

DWELLING
(2160) 2950 SHASTA, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner and Builder—Eugene Hall, 486 55th St., Oakland.
Architect—Not given. \$6500

DWELLING
(2161) 5522 SNAKE RD., OAKLAND. Two-story, 6-room dwelling.
Owner—W. R. White, 801 Filbert St.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not given. \$6000

DWELLING
(2162) 4427 MONTGOMERY STREET, OAKLAND. One-story, 5-room dwelling.
Owner—David Gerke, 436 40th St.
Contractor—Nick Wierk, 302 13th St. One-story garage, \$200.
Architect—Not given. \$4300

DWELLING
(2163) 2925 EL MONTE AVE., OAKLAND. One-story, 5-room dwelling.
Owner—F. H. Stymans, 4538 Pampus.
Contractor—E. B. Hutchinson, 3569 72nd Ave.
Architect—Not given. \$4100

ALTERATIONS
(2164) 3326 PARK BLVD., OAKLAND. Alterations.

Owner—M. Cianciarulo, 3326 Park Blvd.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Not given. \$1030

ALTERATIONS
(2165) 3465 FRUITVALE AVENUE, OAKLAND. Alterations.
Owner—Guys Drug Co., 3465 Fruitvale Ave.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

ALTERATIONS
(2166) 2093 BROADWAY, OAKLAND. Alterations.
Owner—P. Koshaba & Co.
Contractor—Gaubert Bros., 4735 Brookdale Ave.
Architect—Not given. \$1000

DWELLING
(2167) 5924-30 HARMON AVENUE, OAKLAND. One-story, 6-room dwelling.
Owner—Geo. H. Anthee, 508 16th St., So. San Jose.
Contractor—James Allan, 2307 63rd Ave.
Architect—Not given. \$4000

DWELLING
(2168) 9529 THERMAL AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—W. J. Baker, 2255 Ransome Ave.
One-story garage, \$200.
Architect—Not given. \$3000

DWELLING
(2169) 6227 BUENA VENTURA WAY, OAKLAND. Two-story, 6-room dwelling.
Owner—A. T. Beckett, 224 Scenic Ave.
Architect—Not given. \$4000

DWELLINGS
(2170) 2056-2062 85th AVE., OAKLAND. One-story, 5-room dwellings (2).
Owner and Builder—Erven Darling, 1750 102nd Ave.
One-story garage (2) \$150 each.
Architect—Not given. \$3000 ea.

DWELLING
(2171) 1193 OCEAN AVENUE, OAKLAND. One-story, 5-room dwelling.
Owner—John Giacchetto, Oakland.
Contractor—Peterson & Johnson, 4724 Reinhardt Drive.
Architect—Not given. \$3400

ALTERATIONS
(2172) 2810-26 HARRISON STREET, OAKLAND. Alterations.
Owner—Chas. G. Gwynn.
Contractor—R. F. Fickett, 2061 Webster St.
Architect—A. Froberg, 1954 Webster Street. \$1450

DWELLING
(2173) 9049 BROADWAY TERRACE, OAKLAND. One-story, 5-room dwelling.
Owner—Phil Heraty, 483 Fairbanks Ave.
Contractor—Harry K. Jansen, 2757 Rawson St.
One-story garage, \$200.
Architect—Not given. \$3500

ALTERATIONS
(2174) 1924 BROADWAY, OAKLAND. Alterations.
Owner—Roy Bldg. Inc., 1824 Broadway.
Contractor—Cahill Bros., 206 Sansome St., S. F.
Architect—W. D. Pugh, 333 Montgomery St., S. F. \$1900

STORE
(2175) 3428 TELEGRAPH AVENUE, OAKLAND. One-story frame.

Owner—G. E. Stolte, 3428 Telegraph.
Contractor—J. C. James, 8314 E. 14th St.
Architect—Not given. \$1000

**BUILDING CONTRACTS
ALAMEDA COUNTY**

220 E. Bay	Anderson	18534
221 East Bay	Guerin	45384
222 Blesse	George	4150
223 Newark Fire	Ferreira	5935.55
224 Marwedel	Bernard	12970

CLUB HOUSE
(220) LAKE TEMESCAL, OAKLAND. Two-story frame club house.

Owner—East Bay Regional Park Dis.
Architect—Williams & Wastell, 512 Bank of America Bldg., Oakland.

Contractor—A. Frederick Anderson, 1093 Londridge Rd., Oakland.

Filed, Aug. 26, '38. Dated, Aug. 16, '38.
First day each month, labor and mat. 75%
Usual 35 days 25%
TOTAL, \$18534.00

Bond, performance, \$18534.00; lab. and mat., \$9267.00. Sureties, Maryland Cas. Co. Limit 90 days. Specifications filed.

IRRIGATION SYSTEM
(221) WILDCAT CREEK, LOT 62, Rancho El Sobrante, Chas. Lee Thilden Park, Contra Costa Co. Irrigation system.

Owner—East Bay Reg. Park Dist.
Contractor—Guerin Bros.
Filed Aug. 26, '38. Dated, Aug. 20, '38.
Payments not given.

TOTAL \$45,384.
Bond, performance, \$45,380.00, labor and mat., \$22,692.00. Sureties, Massachusetts Bonding & Inc. Co. Limit 90 days. specifications filed.

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

356 Turrini	Vukicevich	12334
357 Cal. Walnut	Royce	2922

FLATS
(356) S CABRILLO 95 E 30th Ave. Two-story and basement frame flats.

Owner—Henry and Alma Turrini.
Architect—H. C. Baumann, 251 Kearny Street.

Contractor—M. E. Vukicevich, 666 Mission Street.

Filed, Aug. 25, '38. Dated, Aug. 22, '38.
1st floor joists set and sub-floor laid \$2466.80
Roof on 2466.80
Brown coated 2466.50
Completed and accepted 2466.80
Usual 35 days 2466.50
TOTAL COST, \$12,334.00

Bond, \$12,334. Sureties, Fidelity and Casualty Co. of N. Y. Limit, 120 working days. Plans and spec. filed.

EXHIBIT BOOTH
(357) SPACE 57 & 58 in Food and Beverage Bldg., G. G. International Exposition. Exhibit Booth.

Owner—Calif. Walnut Growers Assn.
Contractor—A. T. Royce & Associates.
Filed Aug. 31, '38. Dated, April 20, '38.
Approval of plans \$295
Rough in frame \$664
Wallboard & trim \$664
Painted \$664
Completion \$665
TOTAL, \$2952.00
Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- 1.—Apartments
- 2.—Bonds
- 3.—Churches
- 4.—Factories and Warehouses
- 5.—Flats
- 6.—Garages and Service Stations
- 7.—Federal Buildings
- 8.—Club Buildings
- 9.—Hospitals
- 10.—Hotels
- 11.—Ice and Cold Storage Plants
- 12.—Power Plants
- 13.—Public Buildings, Fire Houses and Jails
- 14.—Residences
- 15.—Schools
- 16.—Lanks, Stores and Offices
- 17.—Theatres
- 18.—Wharves & Docks
- 19.—Misc. Const.
- 20.—Misc. Supplies & Hotels

APARTMENTS

Plans Completed
APARTMENTS. Cost, \$20,000
UREKA. Humboldt Co., Calif., H & 13th Sts., two-story frame and stucco apartment house; composition shingle roof, hardwood floors, tile baths, oil burning gas fired heating system, etc.
 Owner—Mrs. Charlotte Lundblad.
 Architect—H. C. Baumann, 251 Kearny St., S. F.

Plans Completed
APARTMENTS. Cost, \$100,000
SAN RAFAEL. Marin Co., Calif., NW Mission and Irwin Sts., two-story frame apartment house to contain 40 two- and three-room apartments (165x160').
 Owner—Isidor Schwartz.
 Architect—Not Given.
 Contractor—Leibert & Trobeck, Albert Bldg., San Rafael.

CHURCHES

CONTRACT AWARDED
HUBBARD
HILES. Alameda Co., Calif., one-story frame and stucco church; Sunday school and parsonage; (composition roof, steel sash, hardwood floors, forced air heating system).
 Owner—Niles Congregational Church.
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.
 Contractor—E. E. Dias, P. O. Box 121, Niles.
 Complete bids published Aug. 22.

FACTORIES & WAREHOUSES

CONTRACT AWARDED
GLENDALE. Los Angeles Co., Cal., Theo. A. Beyer Corp., 553 Chamber of Commerce Bldg., Los Angeles, awarded contract by Glendale Board of Education at \$51,487, for construction of a reinforced concrete warehouse, a PWA project, at 411 E. Wilson Ave., Glendale; Erwood P. Elden, architect, 106 E. Wilson Ave., Glendale.

FLATS

Bids Wanted
FLATS
SAN FRANCISCO. E Baker St. 100 N of Union St., Two-story frame and stucco flats.
 Owner—Withheld.
 Architect—Conrad T. Kett, 519 California St., San Francisco.
 Contractor—T. M. Alquist, 55 Wild-

wood Gardens, Piedmont.
 Sub-bids are now being received by Superintendent of Construction, S. M. White, 1667 29th Ave., (556) 5

6—GARAGES & SERVICE STATIONS

(Correction) Contract Awarded
SERVICE STATION.
SAN FRANCISCO. 18th Avenue and Clement St.
 Gasoline service station.
 Owner—Standard Oil Co. of Calif.
 Plans by Eng. Dept. of Owner.
 Contractor—Grant-Martinelli Constr. Co., 44 Mary St.
Piping & Plumbing—W. P. Goss, Inc., 4640 Geary Blvd.
Wiring—H. C. Reid Co., 389 Clementina St.
 Name of general contractor previously reported in error.

Bids In—Held Under Advertisment
SERVICE STA. Est. Cost, \$6000
SAN FRANCISCO. SW Seventh and Howard Streets.
 Gasoline Service Station.
 Owner—Shell Oil Co., 100 Bush St.
 Plans by Engr. Dept. of Owner.

Planned
SERVICE STATION Cost, \$—
SAN FRANCISCO. Ocean Ave. and Alemany Blvd.
 Gasoline service station.
 Owner—Withheld.
Lessee—Shell Oil Co., 100 Bush St., San Francisco.
 Plans by Eng. Dept. of Owner.

Planned
SERVICE STATION Cost, \$—
SAN FRANCISCO. Turk St. and Masonic Ave.
 New gasoline service station.
 Owner—Withheld.
Lessee—Shell Oil Co., 100 Bush St., San Francisco.
 Plans by Eng. Dept. of Lessee.

Planned
SERVICE STATION Cost, \$—
STANFORD CAMPUS, Palo Alto, Calif.
 Rebuild gasoline service station.
 Owner—Shell Oil Co., 100 Bush St., San Francisco.
 Plans by Engr. Dept. of Owner.

7—FEDERAL BUILDINGS

BIDS WANTED
CANAL ZONE—Until Sept. 28, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for twenty-four apartment houses, four quarters for officers and two transformer houses at the Naval Submarine and fleet Air Bases, Coco Solo, C. Z., and at the fifteenth Naval District Headquarters, Balboa, C. Z. Est. cost, \$720,000.

The bldgs. will be of concrete construction with wood framing for roofs. The work will include wood piles, concrete units, steel and iron work, roofing and sheet metal work, metal and metal covered doors, metal louvers, metal shower compartments, cement mortar plaster, asphalt tile flooring, carpentry and joinery, screening, hardware, glazing, painting, and plumbing and electrical systems. Spec. 8843.

Drawings and specifications may be obtained from the Bureau or from the Commandant, Fifteenth Naval

District, Balboa C. Z., upon deposit of check or postal money order for \$50, payable to the Chief of the Bureau of Yards and Docks. (471) 1st report Aug. 23, 1938. * 7

CONTRACT AWARDED

SAN DIEGO, Calif.—Raymond Concrete Pile Co., Washington Bldg., Los Angeles, awarded contract by the 11th Naval District, at \$35,250 (Item No. 1), for driving foundation piles for barracks buildings and for addition to storehouse at the Naval Operating Base (Marine Corps Base and Naval Supply Depot), San Diego; Spec. 8947.

BIDS WANTED

ROSEVILLE, Placer Co., Calif.—Until Sept. 16, bids are being received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous repairs at the U. S. P. O., at Roseville.

BIDS OPENED

NEW YORK, Puget Sound, Mare Island and Boston—Following bids received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. 8818, for turbo-alternators, condensers and auxiliaries, at the Navy Yards, New York, N. Y.; Puget Sound, Wash.; Mare Island, Calif., and Boston, Mass., as follows (1) turbine, alternators, air cooler and accessories for all yards; (2b) turbo alternator, Puget Sound Navy Yard, (2c) turbine, alternator, air cooler and accessories at Mare Island Navy Yard, (3) surface condenser, pumps and air ejectors for all yards, (4) surface condensers, pumps, air ejectors and accessories at Mare Island Navy Yard and (4b) condensers for Puget Sound Navy Yard:
Westinghouse Electric & Mfg. Co., Wash. D. C., (1) \$494,185 (2b) \$135,875 (2c) \$143,485 (3) \$72,199, (4b) \$14,646, (4c) \$13,770.
Elliott Co., Jeannette, Pa., (1) \$434,635, (2b) \$133,175, (2c) \$137,497, (3) \$80,000, (4b) \$15,500, (4c) \$15,000.
Allis Chalmers Mfg. Co., Milwaukee, Wis., (1) \$514,000, (2b) \$140,000, (2c) \$147,000, (3) \$72,061, (4b) \$14,475, (4c) \$14,535.
De Laval Steam Turbine Co., Phila. Pa., (1) \$502,750, (2b) \$139,350, (2c) \$150,000.

General Electric Co., Schenectady, N. Y., (1) \$468,300, (2b) \$129,800, (2c) \$136,750.
Condenser Service Co., Hobokan, N. Y., (3) \$52,199, (4b) \$10,323, (4c) \$9,993.
Foster Wheeler Co., (3) \$51,500, (4b) \$11,100, (4c) \$11,500.
The Lummus Co., Wash. D. C., (3) \$55,102, (b) \$11,360, (4c) \$11,290.
C. H. Wheeler Mfg. Co., N. Y., (3) \$48,815, (4b) \$9,640, (4c) \$9,645.
 (540) 1st report June 27, 1938. * 7

LOW BIDDER

PARKER, Ariz.—P. W. Womack, 1712 S. Central Ave., Phoenix, submitted low bid to the U. S. Indian Irrigation Service at \$99,968, for construction of headquarters bldgs. for the Colorado River project, Parker, Ariz. Bids taken under advisement.

BIDS OPENED

RENO, Nevada.—A. Knowles, 982 Bryant Street, San Francisco, at \$5,924 submitted low bid to the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, for lathing and plastering at Veterans Administration Facility.

ity, Reno, Nevada, Treatment Building No. 1.

Work will include metal lath, plaster, cement plaster, metal furring, metal corner beads, etc. All work included in one item.

Complete bids were:

A. Knowles, S. F., \$5,924.
M. J. King, S. F., \$5,945.
Thos. F. Scollan Co., Sacramento, \$6,500.
James Smith, S. F., \$7,331.
(426) 1st rep. August 17, 1938. * 7

CONTRACT AWARDED

SACRAMENTO AIR DEPOT—Perkins Gravel Co., 1846 - 37th Street, Sacramento at \$1.65 awarded contract by the Constructing Quartermaster, Sacramento Air Depot, Sacramento, for 300 tons coarse aggregate.

Identical bids at \$1.65 were submitted by the following: Perkins Gravel Co., Sacramento Rock and Sand Co., Brighton Sand and Gravel Co.

BIDS WANTED

SAN DIEGO, Calif.—Until September 13, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, under Specification 8899, for driving foundation piles for combined Hall-Galley-Barracks Building, and for Fleet School Building, at the Naval Operating Base (Destroyer Base), San Diego.

Work consists of the furnishing of necessary equipment and labor for the driving of (a) reinforced concrete piles for the foundations of the Combined Mess Hall - Galley - Barracks Building and (b) reinforced concrete piles for the foundation at the building sites by the Government.

Bidding data obtainable from the Public Works Officer, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks. * 7

BIDS WANTED

FORT LEWIS, Wash.—Until Sept. 9 (postponed from Aug. 13) bids will be received by the constructing Quartermaster, Fort Lewis, for six 5-family row houses for company officers, at Fort Lewis, Wash. Est. cost, \$329,000.

Plans obtainable from the Constructing Quartermaster, Fort Lewis.

BIDS WANTED

SAN DIEGO, Calif.—Until Sept. 29, 11 A. M., bids will be received by Headquarters, 11th Naval District, foot of Broadway, San Diego, for addition to storehouse at the Naval Operating Base (Naval Supply Depot), San Diego; Specification 8910. Cost is estimated at \$350,000. * 7

BIDS OPENED

PORTLAND, Ore.—Bingham Construction Co., Foot Bldg., Portland, Ore., at \$49,845 submitted low bid to the Procurement Division, Public Bldgs., Branch, Washington, D. C., for alterations at the U. S. Custom House, Portland.

Complete bids were:

Bingham Constr. Co. \$49,845
Dougan-Hammond Constr. Co., 51,885
George Isackson Co. 52,641
Frank Watt Constr. Co. 54,350
Helman & Jolyette 57,440
Henry L. Grohne, Decatur, Ill., 52,800
L. H. Hoffman 59,800
All of Portland, unless otherwise noted.

BIDS WANTED

TACOMA, Wash.—Until Sept. 13, 1:30 P. M., bids will be received by Adjutant General, Brigadier General WNG, Camp Murray, Fort Lewis, for

additions to Armory, Tacoma, Cost, \$87,761.

Plans obtainable from Architects Russell, Lance & Murl, 319 S. 7th, Tacoma, Wash. * 7

MATERIALS APPROVED

SACRAMENTO, Calif.—Treasury Dept. approved following building material and equipment awards for the construction of new duplex, pneumatic sewage ejectors, etc., at the U. S. P. O. and Court House, Contractor, Luppen & Hawley, Sacramento; Sewage ejectors, Blackburn-Smith Mfg. Co. * 7

MATERIALS APPROVED

LOS ANGELES, Calif.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Immigration Station at Los Angeles. Sarver & Zoss, general contractors.

Watchman's report apparatus, Holtzer-Cabot Elec. Co.; coffee urns, Cecil Mfg. Co.; laundry equipment, U. S. Hoffman Mch. Corp.; feed water regulators, Charles M. Bailey Co.; injectors, Ohio Injector Co.; thermostatic traps for radiators, James P. Marsh Corp.; electric controllers for boiler feed pump, Mercoild Corp.; relief valves, Charles M. Bailey Co.; electric cooking ranges, Lang Mfg. Co.; hood over ranges, etc., Mangrum, Holbrook & Elkus; monel metal truck tubs, U. S. Hoffman Mch. Corp.; oil burner pumps, Enterpriser Oil Burner Co.; washer and tumbler, U. S. Hoffman Mch. Co.; fire hydrants, M. Greenberg's Sons; kitchen refrigeration, compressor, Frick Co.; direct expansion coils, Fedders Mfg. Co.; heat exchangers, Peerless Capacity Booster; refrigeration equipment for drinking water compressor, Frick Co., and cooler, Day & Nite Water Heater Co. * 7

BIDS OPENED

TERMINAL ISLAND, L. A., Calif.—Fred Young, Jr., 4220 1/2 West Adams St., Los Angeles at \$4,178.40 submitted low bid and was recommended for award of contract, to the Superintendent of Lighthouses, Department of Commerce, 13th District, Custom House, San Francisco, for constructing a one-story frame and stucco boathouse and storeroom at the Los Angeles Harbor Light Station, Terminal Island, Calif.

Complete bids were:

Fred Young, Jr., \$4,178.40.
Long Beach Brick Co., \$4,194.
Strohecker Co., \$4,200.
W. E. Allen, \$4,260.
Andy Sordal, \$4,407.
Guy H. Barton, \$4,420.
Lynch Cannon onstr. Co., \$4,585.
Chas. W. Pettifer, \$4,850.
Beswick Constr. Co., \$4,872.70.
Victor & Wm. Jacobson, \$4,982.

Complete Bids

POSTOFFICE.

MANTECA, San Joaquin Co., Calif.
Construction of U. S. Post Office.
Owner—U. S. Government.
Plans prepared by Supervising Architect of the Treasury Department, Washington, D. C.

Low Bidder—Robert McCarthy, 1363 14th Ave., San Francisco, \$58,218.

Complete bids were:

Robt. McCarthy, San Francisco, \$58,218 add (alt. A) \$250 add (alt. B), \$500, ded. (alt. C) \$550.
Schuler & McDonald, Oakland, \$61,497 add (alt. A) \$197 add (alt. B) \$737, ded. (alt. C) \$768.
Lembke Constr. Co., Albuquerque, N. Mex., \$62,580, add (alt. A) \$150, add (alt. B) \$600, ded. (alt. C) \$500.
George Goodhart, San Diego, \$66,200, add (alt. A) \$260, add (alt. B) \$100, ded. (alt. C) \$500.

Peter Sartoris, San Francisco, \$83,286, add (alt. A) \$422, add (alt. B) \$820, ded. (alt. C) \$800.

BIDS WANTED

SAN DIEGO, Cal.—Until Sept. 21, 11 A. M., bids will be received by Headquarters, 11th Naval District, foot of Broadway, San Diego, for five 2 tory barracks buildings to be built at the Naval Operating Base (Marin Corps Base), San Diego; Spec. 8901. Three of the structures will contain 33,452 sq. ft. of floor space each and the other two will contain 29,782 sq. ft. each; all will be Class A reinforced concrete construction, stucco exterior precast concrete pile foundation, tile and comp. roofing, concrete floors terrazzo floors in toilets and kitchens, clay tile interior partitions, wood double-hung windows, steam heating system. Cost of the superstructure is estimated at \$700,000 and the foundation at \$125,000. Kistner & Curtis architects, 675 Spreckels Theatre Bldg., San Diego; Wm. T. Wright 442 Architects' Bldg., Los Angeles structural engineer.

CONTRACT AWARDED

SAN DIEGO, Cal.—Bethlehem Steel Co., Box 58 Watts Sta., Los Angeles at \$49,708 submitted low bid and was awarded contract by the Public Works Officer, 11th Naval District, San Diego, for steel work for the extension of Existing Hangar No. 1, and for a new Hangar No. 1, and for a new Hangar No. 2 at the 11th Naval District (Fleet Air Base), San Pedro.

Complete bids were:

Bethlehem Steel Co. \$49,708
Ingalls Iron Works Co., S. F., 52,400
Minneapolis-Moline Power 52,655
Western Steel Erecting Co., 54,262
Western Pipe & Steel Co., 59,500
Consolidated Steel Corp., Ltd., 60,277
All of Los Angeles, unless otherwise noted.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Nov. 9, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for High Frequency Transmitting Bldg., at the Navy Yard, Mare Island, Calif. Spec. No. 8932. Est. cost, \$100,000.

Specifications and drawings may be obtained from the Bureau or from the Commandant, Navy Yard, Mare Island, Calif., upon deposit of \$10 payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Bids are now being received (no bid opening date set) by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steel framework for foundry bldg., 180 feet wide by 408 feet long, an outside overhead crane runway, and crane runways for interior cranes at the Navy Yard, Mare Island, Calif. Spec. No. 8816. Est. cost, \$300,000.

Drawings and specifications may be obtained from the Bureau or from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks.
Low Bidders

HICKMAN FIELD, T. H.—Von Hamm Young Co., Honolulu, at \$1,226 submitted low bid to Capt. John A. Hunt, Constructing Quartermaster, Hickman Field, T. H., for furnishing and erecting of a flag pole at Hickman Field, T. H.

Three low bids were:

Von Hamm Young Co., \$1,226.
George Hess, \$1,786.
Olaf Lagreid, \$1,825.
All of Honolulu.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 8, 10 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, Calif., for construction and completion of nineteen double N.C.O. Quarters at Presidio of San Francisco, Cal.

Plans may be obtained upon deposit of \$10 certified check payable to Finance Officer, Fort Mason, Cal.
Bids must be accompanied by bid bond in the amount of 10% of bid.

**Contract Awarded
PARCEL POST BLDG.**

Const. Price \$1,692,000
LOS ANGELES, Calif. NE Corner Alameda and Macy Streets. Three-story and basement structural steel and reinforced concrete U. S. Parcel Post Bldg. (524x209 ft.) Owner—U. S. Government. Plans by the Supervising Architects, Treasury Dept., Washington, D.C. Contractor—Sarver & Zoss, Inc., 1015 W. Fourth St., Los Angeles. Complete total bids published on August 4.

CONTRACT AWARDED

SANTA MARIA—Santa Barbara Co., Calif.—Harry R. Graham, 2301 Castillo St., Santa Barbara, awarded contract by Santa Barbara County Supervisors, at \$39,998, for construction of an addition to the Veterans Memorial Bldg., Santa Maria, a PWA project. It will contain an assembly room, offices and a kitchen. Louis N. Crawford, architect, 8 Gibson-Drexler Bldg., Santa Maria. * 7

MATERIALS APPROVED

EUGENE, Oregon.—The Treasury Dept. approved following building material and equipment awards for construction of the U. S. P. O. at Eugene: George Isackson Co., general contractors:

Lighting distribution panels, entrance switches and feeder panels, Trumbull Elec. Mfg. Co. 7

BIDS OPENED

SAN DIEGO, Calif.—A. Corradini & Sons, 4880 Valley Blvd., Los Angeles, at \$358 submitted low bid to the Public Works Office, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Officers' Mess at the Naval Operating Base (Marine Corps Base), San Diego. Spec. 8916. Only other bid submitted by Consolidated Terrazzo Companies, Inc., Los Angeles, at \$685. 7

BIDS WANTED

SAN DIEGO, Calif.—Until Sept. 29, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway in San Diego, for addition to storehouse at the Naval Operating Base. Spec. 8910.

Work consists in general of a seven story addition to the existing storehouse and includes concrete construction; steel windows; pressed steel doors; steel rolling doors; metal lath and plaster; roofing and sheet metal; carpentry; tile work; terrazzo work; painting; glazing; and electrical, drainage, plumbing and heating systems and passenger and frt. elevators.

Drawings and specifications obtainable after Sept. 12 from the above office upon deposit of check or postal money order for \$20 payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

SAN DIEGO, Calif.—Until Oct. 11, 11 A. M., bids will be received by the Public Works Officer, 11th Naval

District, foot of Broadway, San Diego, for Fleet School Building at the Naval Operating Base (Destroyer Base), San Diego. Spec. 8900.

Work includes concrete construction; stucco work; steel windows; pressed steel doors; steel rolling doors; metal lath and plaster; roofing and sheet metal; carpentry; tile work and terrazzo; painting; glazing; and electrical, drainage, plumbing and heating systems.

Plans and specifications obtainable after Sept. 26 from the above office upon deposit of \$20 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

SAN DIEGO, Calif.—Until Sept. 23, 11 A. M., bids will be received by Headquarters, 11th Naval District, foot of Broadway, San Diego, for driving foundation piles for barracks buildings at the Naval Operating Base (Marine Corps Base) and for storehouse at the Naval Supply Depot, San Diego. Spec. 8947. 7

BIDS WANTED

SAN DIEGO, Calif.—Until October 11, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for combined mess hall-galley-barracks building at the Naval Operating Base (Destroyer Base), San Diego. Spec. 8920.

Work includes concrete construction; stucco work; steel windows; pressed steel doors; steel rolling doors; metal lath and plaster; roofing and sheet metal; carpentry; tile work; terrazzo; painting; glazing; and electrical, drainage, plumbing and heating systems. The refrigeration, mess hall, galley, scullery and bakery equipment is not included under this specification.

Plans and specifications obtainable after Sept. 26 from the above office upon deposit of check or postal money order for \$20 payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED

MONTEREY COUNTY, Calif.—S. J. Clark, 774 Pacific St., Monterey, at \$5387 submitted low bid on Item 1 to the Superintendent of Lighthouses, 425 Custom House, San Francisco, for construction of a frame and stucco residence at the Point Pinos Light-house Reservation, on the coastline adjoining Pacific Grove, Monterey county.

Bids were taken as follows: (1) two type A residences (1a) same, omitting basements (1b) same, omitting basements, fireplace and chimney (2) two type B residences (2a) same, omitting basements (2b) same, omitting basements, fireplaces and chimney.

Complete bids were:
S. J. Clark, Monterey (1) \$5387, (1a) \$4953, (1b) \$4826, (2) \$5937, (2a) \$5503, (2) \$5353.

Lillard & Taylor, Carmel, (1) \$5500, (1a) \$5365, (1b) \$5195, (2) \$6745, (2a) \$6610, (2b) \$6400.

Harold C. Geyer, Monterey (1) \$5596, (1a) \$5169, (1b) \$4970, (2) \$6198, (2a) \$5771, (2b) \$5372.

Wm. P. Sweeney, Pacific Grove, (1) \$5929.11, (1a) \$5668.11, (1b) \$5498.11, (2) \$6543.92, (2a) \$6283.92, (2b) \$6093.92.

Henry A. Jewell, Monterey, (1) \$6035.03, (1a) \$5623.62, (1b) \$5476.62, (2) \$6366.56, (2a) \$5953.97, (2b) \$5826.97

Geo. H. Schuyler, Pacific Grove, (1) \$6187.53, (1a) \$5891.53, (1b) \$5725.2, (2) \$6583.90, (2a) \$6287.90, (2b) \$6097.90.

Fred J. Early Jr., San Francisco, (1) \$6750, (1a) \$6375, (1b) \$6160, (2) \$8024, (2a) \$7649, (2b) \$7434.

V. L. & W. B. Jacobson, Los Angeles,

(1) \$7832, (1a) \$7391, (1b) \$7166, (2) \$7926, (2a) \$7485, (2b) \$7260.

BIDS OPENED

VENTURA COUNTY, Calif.—Raymond L. Hefferan, 8167 W. 3rd St., Los Angeles, at \$8992 submitted low bid on Item 1 to the Superintendent of Lighthouses, 425 Custom House, San Francisco, for construction of two 6-room, frame and stucco residences with the roofing at Point Huememe Lighthouse Reservation, 5 miles south of Oxnard, Ventura Co.

Bids taken as follows: (1) two type A residences (1a) same, omitting basements, (1b) same, omitting basements, fireplace and chimney, (2) two type B residences, (2a) same, omitting basements, (2b) same, omitting basements, fireplace and chimney.

Complete bids were:
Raymond L. Hefferan, Los Angeles, (1) \$8992, (1a) \$8728, (1b) \$8603, (2) \$10,676, (2a) \$10,512, (2b) \$10,387.

Hansen & Izer, Ventura, (1) \$11,690, (1a) \$10,704, (1b) \$10,404, (2) \$13,228, (2a) \$12,222, (2b) \$22,872.

W. E. Robertson, Los Angeles, (1) \$12,900, (1a) \$12,403, (1b) \$12,183, (2) \$14,030, (2a) \$13,531, (2b) \$13,161.

V. L. & W. B. Jacobson, Los Angeles, (1) \$15,145, (1a) \$14,265, (1b) \$13,815, (2) \$15,333, (2a) \$14,453, (2b) \$14,003.

M. I. Bedford, Santa Barbara (1) \$16,550, (1a) \$16,271.40, (1b) \$16,126.50, (2) \$17,446, (2a) \$16,859, (2b) \$16,714. (492) 1st report Aug. 25, 1938. * 7

CONTRACT AWARDED

SAN PEDRO, Los Angeles Co., Cal.—Case Const. Co., 905 Westminster Ave., Alhambra, awarded contract at \$1,938 by the 11th Naval District (Item No. 1), for driving concrete foundation piles for airplane hangars at the Fleet Air Base, San Pedro. Spec. 8946. 7

9— HOSPITALS

Preparing Working Drawings
HOSPITAL ADDITIONS

Estimated Cost, \$300,000
STOCKTON, San Joaquin Co., Calif. San Joaquin County General Hospital.

Five-story and basement reinforced concrete addition No. 2 (46x180') to county hospital group (brick exterior walls; hollow tile interior partitions; concrete floors) Owner—County of San Joaquin.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Application filed for PWA grant to aid in financing; balance of funds to be drawn from general tax.

Bids Opened
HYDROTHERAPY WINGS
AGNEW, Santa Clara Co., Calif. State Hospital.

Two hydrotherapy wings at State Hospital (two separate additions on existing receiving bldgs.); two-story reinf. concrete construction, hollow tile partitions, steel sash, tile roofs. (Total combined area approx. 14,000 sq. ft.).

Owner—State of California.
Architect—George G. McDougall, State Architect, Public Works Building, Sacramento.

Low Bidder: Moore & Roberts, 693 Mission St., S. F., \$89,700.

Separate bids were taken for (1) general work (2) electrical work (3) plumbing work and (4) heating and ventilating.

Complete bids were:
General Work
Moore & Roberts, S. F., \$89,700.
K. E. Parker Co., S. F., \$91,300.
B. A. Howkins Co., S. F., \$94,813.
Trewitt-Shields & Fisher, Fresno, \$96,500.

Electrical Work

Guilbert Bros. Electric Co., 286 W. Santa Clara St., San Jose, \$5,726.
Alta Electric and Mechanical Co., S. F., \$6,130.
Roy M. Butcher, San Jose, \$6,546.
E. J. Lynch Electric Co., S. F., \$6,761.
Garden City Electric Co., San Jose, \$7,999.45.

Plumbing

A. J. Peters and Son, 455 Washington St., San Jose, \$15,900.
Wm. F. Serpa, San Jose, \$16,147.
Scott Co., Inc., S. F., \$16,257.
J. A. Fazio, Oakland, \$16,529.
Hateley and Hateley, Sacramento, \$17,836.
Alta Electric and Mechanical Co., S. F., \$17,850.

Heating and Ventilating

O'Mara and Stewart, Ltd., 218 Clara St., S. F., \$11,719.
Pacific Heating & Ventilating Co., Oakland, \$11,725.
Scott Co., Inc., S. F., \$12,387.
Alta Electric & Mechanical Co., S. F., \$12,687.
Wm. F. Serpa, San Jose, \$13,310.
A. J. Peters and Son, San Jose, \$14,117.
(306) 1st rep. Aug. 3, 1938. • 9

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS****CONTRACT AWARDED**

SAN FRANCISCO—J. W. Bender Roofing and Paving Co., 18th and Bryant Sts., at \$843, awarded contract by the Department of Public Works, City Hall, for cleaning off present roof at Edward Robeson Taylor Sch., Burrows and Somerset Sts., and covering with three layers of felt and gravel. •

BIDS OPENED

SACRAMENTO, Calif.—C. J. Hopkinson, 1810 28th Street, Sacramento, at \$7,994, submitted low bid to State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for elevator hatchway.
Complete bids were:
C. J. Hopkinson, \$7,994.
Lindgren & Swinerton, Inc., \$7,936.
Henry Finnegan, \$7,988.
H. W. Robertson, \$10,472.

Bonds Voted

CITY HALL Cost, \$135,000
MARYSVILLE, Yuba Co., Calif., SW corner of Sixth and C Streets.
Two-story Class B City Hall Bldg. (13,800 sq. ft. floor space), to contain city offices and city jail.
Owner—City of Marysville.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

The City of Marysville voted bonds August 30 in the amount of \$75,000, which proceeds will aid in financing construction.
(928) 1st rep. June 22; 2nd, July 18, 1938. • 13

Low Bidder**DOCKS ETC.**

YERBA BUENA SHOALS, Treasure Island.
Construction of three fueling docks, ramp and one passenger landing.
Owner—Pan-American Airways, Alameda and San Francisco.

Plans by Engineering Department of Owner.

Low Bidder—Duncanson Harrelson Co., De Young Bldg., S. F.
(565) 1st rep. August 8, 1938. • 18

Sub-Contract Awarded**EXHIBIT BLDG.**

YERBA BUENA SHOALS, Site of the 1939 World's Fair.
Bell System exhibit bldg. operated by Pacific Telephone & Telegraph Company.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St., San Francisco.
Fire Alarm Service—American District Telegraph Co., 150 Post St.
Plumbing—James A. Nelson, Inc., 1375 Howard St.
Plastering—Peter Bradley, 639 Brannan St.

Door-Seals—Chamberlin Mtl. Weather Strip Co., Inc., 895 Post St.
Lumber—Christiansen Lumber Co., Quint and Evans Sts.

Joists & Trusses—Truscon Steel Co., 604 Mission St.

Acoustical Treatment—Western Asbestos Co., 675 Townsend St.
Lumber—Van Arsdale-Harris Lumber Co., 5th and Brannan Sts.

Stairs—Peirano & Drew, 445 Bayshore Blvd.
Tile—Malott & Peterson, 2412 Harrison St.

Electric Wiring—Chas. A. Langlais, 472 Tehama St.
Sound-Proof Doors—Forderer Cornice Works, 269 Potrero Ave.

Finish Hardware—E. M. Hundley, 662 Mission St.
Corner Windows—Soule Steel Co., 1750 Army St.

All of San Francisco.

BOND ELECTION

MARTINEZ, Contra Costa Co., Cal.—The City of Martinez, Raymond B. Johnson, City Clerk, will vote Sept. 29, on a proposal to issue bonds in the amount of \$18,000, proceeds to be used to construct public library building, and, also, \$17,000, proceeds to be used for improvement of waterfront. 13

Bonds Defeated

HOSPITAL Cost, \$125,000
TULARE, Tulare Co., Calif.
New Municipal Building.
Owner—City of Tulare.
Architect—Fred L. Swartz, Brix Bldg., Fresno.
The City of Tulare defeated bonds in the amount of \$67,000, which proceeds, were to have aided in financing construction of hospital. PWA grant of \$54,941 recently approved.

BIDS WANTED

SAN LEANDRO, Alameda Co., Cal.—Until Sept. 12, 4 P. M., bids will be received by E. F. Hutchings, City Clerk, 1120 East 14th St., San Leandro, for purchase and removal or demolition of Frame Building at 847 East 14th St., San Leandro. 13

Funds Asked

COURT HOUSE ADDITION.
Cost, \$166,064
SANTA CRUZ, Santa Cruz Co., Cal.
Front and Cooper Sts.
Second unit of county court house.
Owner—County of Santa Cruz.
Architect—Albert F. Roller, Crocker First National Bank Bldg., S. F.
Structural Engineer—H. J. Brunner, Sharon Bldg., S. F.
Application filed for PWA grant of \$74,728. Balance of funds on hand.

Funds Asked

ADDITION Cost, \$—
SUNNYVALE, Santa Clara Co., Calif.
Addition to court house, firehouse and police station.

Owner—City of Sunnyvale.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Application filed for PWA grant to assist in financing. Balance of funds on hand.
(534) 13

Sub Contracts Awarded**NURSERY WARD.**

Cont. Price \$158,190
SPADRA, Los Angeles Co., Cal. Pacific Colony.
One- and two-story reinforced concrete

nursery ward building with hollow tile partitions, steel sash and clay tile roof covering.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Contractor—John Strona, Pomona. Roofing—Sunset Tile & Roofing Co., 107 W. Central Ave., Redlands.

Sheet Metal—Main Cornice Works, 1416 N. Main St., Los Angeles.

Steel Sash & Doors—Soule Steel Co.
Reinforcing Steel—Consolidated Steel Co.
Lumber—E. K. Wood Lumber Co.

Rond Election

REMODEL CITY HALL
SANTA CLARA, Santa Clara Co., Calif.

Remodel present city hall bldg.
Owner—City of Santa Clara.
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

The City of Santa Clara will vote Sept. 27 on a proposal to issue bonds in the amount of \$112,000 which proceeds together with PWA grant will finance construction of remodeling present city hall, new library bldg., a city auditorium and municipal swimming pool.

Rond Election

CITY HALL Cost \$130,000
PORTERVILLE, Tulare Co., Calif.
City Hall, police headquarters and Jail Building.

Owner—City of Porterville, W. R. Means, City Clerk.
Architect—Fred L. Swartz, Brix Bldg., Fresno.

The City of Porterville will vote Sept. 7 on a proposal to issue bonds in the amount of \$47,000, which proceeds, together with expected PWA grant will finance construction.

Election date previously reported in error.

Bids Wanted — To Close Sept. 6,**3 P. M.****TOILET BLDGS.**

YERBA BUENA SHOALS, Site of the 1939 World's Fair.
Construction of Toilet Buildings in "Gayway"; Contract No. 172.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.) 555 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 555 Bush St., S. F.

Plans and specification obtainable at the above office, Room 222, upon deposit of \$20.

Funds Asked

FIREHOUSE Cost, \$25,000
BRODERICK, Yolo Co., Calif. Washington Fire District.
Two-story reinforced concrete firehouse and meeting hall.

Owner—Washington Fire District.
Architect—George C. Sellon, California State Life Bldg., Sacto.

Application filed for PWA grant to aid in financing. Balance of funds will be supplied by direct tax.

BIDS OPENED

SACRAMENTO, Cal.—Lindgren & Swinerton, Inc., 619 H St., Sacramento, at \$5,950 submitted low bid to State Architect Geo. B. McDougall, Public Works Bldg., 12th and N Sts., Sacramento, for skylight at State Armory, Sacramento.
Complete bids were:

Lindgren & Swinerton, Inc., \$5,950
H. W. Robertson, \$7,100
Wm. C. Keating, \$7,310
McLaughlin Sheet Mtl. Wks., \$7,340
F. Z. Abl Sheet Mtl. Wks., \$7,465

Funds Asked
LIBRARY ADDN. Cost, \$15,000
 WILLOWS, Glenn Co., Calif.
 One-story brick and concrete addition to library.
 Owner—City of Willows.
 Architect—Geo. C. Sellon, California State Life Bldg., Sacramento.
 Application filed for PWA grant to aid in financing. Balance of funds to be raised by bond issue.

Funds Asked
FIREHOUSE Cost, \$25,000
 GALT, Sacramento Co., Calif. Galt Fire District.
 Two-story reinforced concrete fire-house and meeting hall.
 Owner—Galt Fire District.
 Architect—Geo. C. Sellon, California State Life Bldg., Sacramento.
 Application filed for PWA grant to aid in financing. Balance of funds to be supplied by direct tax.

Bids Wanted — To Close Sept. 16, 10 A. M.
COUNTY JAIL. Cost, \$100,000
 REDDING, Shasta Co., Calif. NW West and Butte Streets.

Three-story and basement county jail bldg. to accommodate 100 prisoners.
 Owner—County of Shasta. Errol A. Yank, Clerk.

Architect—Masten & Hurd, 442 Post St., San Francisco.
 PWA grant of approximately \$44,000 allotted. Balance of funds on hand.
 Plans and specifications may be obtained at the office of the architects upon deposit of \$25, returnable.
 Bids will be opened in the Board Room of the County Board of Supervisors, Court House, Redding, and must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid.

BIDS REJECTED
SAN FRANCISCO—The Dept. of Public Works, City Hall, rejected all bids for general construction of the yard, garage and office for the Street Cleaning Department of the Department of Public Works at E. 19th Ave. between Taraval and Santiago Sts.
 Previous low bid submitted by Peter Sartorio, San Francisco at \$15,478.

Preparing Working Drawings
CITY HALL AND FIRE STATION
 Cost, \$81,818
 SPARKS, Nevada.
 New City Hall and Fire Station.
 Owner—City of Sparks.
 Architect—DeLongchamps & O'Brien, Gazette Bldg., Reno, Nevada.
 PWA grant in the amount of \$35,000.

Sub Contracts Awarded
EXHIBIT BUILDING.
 Cont. Price \$21,600
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 One-story frame building to house complete exhibit of chocolate manufacturing process from raw state to finished product.
 Owner—D. Girardell Co., 900 North Point, S. F.
 Architect—Virgil W. Jorgensen and Bakewell & Weihe, Associate Architects, 251 Kearny St., S. F.
 Contractor—P. J. Walker Company, 607 Sharon Bldg., S. F.
Roofing—Malott & Peterson, 2412 Harrison St.
Plumbing—Scott Co. Inc., 243 Minna Street.
Elec. Wiring—Spencer Elec Co., 570 Natoma St.
Sheet Metal—Morrison & Co., 74-76 Duboce St.
Glass—Smith Glass Co., 638 4th St.

Ornamental Iron—Sartorius Co., 2530 18th St.
Mill Work—Pacific Mfg. Co., Santa Clara.
Hardware—Palace Hardware Co., 581 Market St.
Painting—D. Zeilinsky & Sons Inc., 165 Grove St.
Lathing & Plastering—Jas. F. Smith, 271 Minna St.
Linoieum—Pankhandle Carpet & Linoieum Co., 773 Divisadero.
 All of San Francisco unless otherwise noted.

BOND ELECTION
FIREHOUSE Cost, \$20,000
 SAN CARLOS, San Mateo Co., Calif.
 Reinforced concrete, Class C fire-house.
 Owner—City of San Carlos, L. A. Lynch, City Clerk.

Architects—Thomas M. Edwards and H. A. Schary, 9 Geary St., San Francisco.
 The City of San Carlos will vote Sept. 27 on a proposal to issue bonds in the amount of \$11,000 which proceeds together with expected PWA grant will finance construction.

Contract Awarded
EXHIBIT BUILDINGS Cont. Price, \$102,000
YERBA BUENA SHOALS. Site of 1939 World's Fair.
 Construction of Redwood Empire Building and Sacramento Valley and Mountain Counties Building.
 Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).
 Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy Pflueger, Supervising Architect).
 Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

14— RESIDENCE

Working Drawings Completed
RESIDENCE Cost, \$12,000
 REEDLEY, Fresno Co., Calif.
 Frame and stucco and brick veneer residence.
 Owner—Wiley R. Conley, Reedley.
 Architect—Edw. Glass, 175 N. Fulton St., Fresno.
 Bids will be asked in about three weeks.

Contract Awarded.
RESIDENCE Cost, \$5750
BURLINGAME, San Mateo Co., Cal. Drake Avenue.
 One-story frame and stucco residence; hardwood floors, tile bath, etc.
 Owner—K. J. Richardson, S. E. Architect—Oscar R. Thayer, 557 Market St., San Francisco.
 Contractor — Martin Peterson, 125 Lorton Ave., Burlingame.

Bids Opened
RESIDENCE
OAKLAND, Ala. Co., Calif. Montana and Hopkins Sts.
 One-story frame and stucco residence; hardwood floors, tile baths gas fired hot air heating system, wood sash, etc.
 Owner—Mr. Foster, c/o Architect.
 Architect—G. E. Ellinger, 1801 Castlerline Road, Oakland.
 Low Bidder — Olaf Petersen, 3626 Rhoda Ave., Oakland, \$6761.
 General bids received with alternate deduction for omitting chicken wiring on landings.
 Complete bids were:
 Olaf Petersen, Oakland, \$6761 (a) \$100.
 Y. E. Sigge, Oakland, \$7284 (a) \$50.
 C. H. Thrans, Oakland, \$7320 (a) \$117.

George Swanstrom, Oakland, \$7800 (a) \$80.

Bids Opened
RESIDENCE Cost, \$—
STOCKTON, San Joaquin Co., Calif.
 Two-story brick veneer residence (10 rooms, 3 baths), shingle roof, gas heating system, etc.
 Owner — D. Langley Coils, Medico Bldg., Stockton.
 Architect—J. U. Cloudsley, Exchange Bldg., Stockton.

W. E. Wheeler, 244 E. Pine Street, Stockton, \$22,085.
 Complete bids follow:
 W. E. Wheeler.....\$22,085.00
 S. C. Giles.....22,487.00
 E. Merlo.....22,531.40
 C. Totten.....24,589.00
 F. J. Harrington.....25,450.00
 (400) 1st report Aug. 11, 1938 * 14

August 31, 1938
Plans Being Figured—Bids Close Oct. 1.
RESIDENCE
SAN FRANCISCO. Forest Hill.
 One-story and basement frame residence (5 rooms) hardwood floors, tile bath, etc.
 Owner—Withheld.
 Architect—E. H. Denke, 1317 Hyde St. San Francisco.
 Plans are being figured by a selected list of contractor.
 14

Bids Opened
RESIDENCE Cost, \$—
SACRAMENTO, Calif. 44th near Folsom Blvd
 Two-story brick residence (12 rooms, 4 baths) cedar shingle roof, gas heating system, etc.
 Owner—John Davis.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Low Bidder—L. L. Watson, 1768 11th Ave., Sacramento, \$17,892.
 Complete bids, which are being held under advisement, follow:
 L. L. Watson.....\$17,892
 N. H. Lund.....17,995
 Ransville Co.....17,999
 Chas. F. Unger.....18,843
 C. E. DeCuir.....20,569

Plans Being Figured — Bids Close Sept. 7, 5 P. M.
RESIDENCE.
ATHERTON, San Mateo Co., Calif. Mindenwood.
 One-story frame residence (8 rooms, 3 baths) shingle roof, gas heating system, etc.)
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Plans are being figured by a selected list of contractors.
 (303 1st rep. Aug. 3, 1938. * 14

Contract Awarded
RESIDENCE Cost, \$9000
SARATOGA, Santa Clara Co., Calif. Glen Unit Tract
 One-story frame and rustic residence (7 rms., 2 baths) hardwood floors shake roof, wood sash, etc.
 Owner—Dr. Breene, care Architect.
 Architect—Charles McKenzie, Twoby Bldg., San Jose.
 Contractor—W. S. Clayton, Jr., 34 W. Santa Clara St., San Jose.

Preparing Working Drawings
RESIDENCE Cost, \$7,500
BURLINGAME HILLS, San Mateo Co., Calif.
 One story frame and stucco residence (7 rooms), hardwood floors, tile bath, composition roof, gas fired warm air heating system, etc.
 Owner—Withheld.
 Architect — Mario Corbett, 72 Third Avenue, San Mateo.

Bids In — Held Under Advisement.
RESIDENCE. Cost, \$.....
SAN FRANCISCO. Richardson Ave.,
near Francisco Street.
Two-story frame, stucco and wood
siding residence (wood sash, gas
fired hot air heating system, tile
baths and kitchen, hardwood flrs.,
composition roof, etc.
Owner—Withheld.
Architect—Sidney A. Colton, 18 Rico
Way, San Francisco.

Sub-Contracts Awarded
RESIDENCE. Cost, \$5,604
BURLINGAME, San Mateo Co., Calif.
One-story frame and stucco resi-
dence.
Owner—Phillip E. Scott.
Architect—John E. Beuttler, 315
Montgomery St., S. F.
Contractor—Meister & Tuisk, Palo
Alto.
Roofing—C. L. Cluser & Sons, 16 N.
Claremont, San Mateo.
Plumbing—Harry Lee, 200 California
Drive, Burlingame.
Electric Wiring—San Mateo County
Elec. Co., 33 "B" St., San Mateo.
Brick & Stone Work—Martin Gack-
stetter, 608 Peninsula Ave., Burl.
Lumber & Mill Work—San Mateo
Mill Co., 501 5th Ave., San Mateo.
Hardware—Wisnom Hardware Co.,
201 2nd St., San Mateo.
Concrete—H. E. Casey & Co., 835
Westside Way, San Mateo.

Completing Plans
RESIDENCE.
MONTARA, San Mateo Co., Calif.
Near Half Moon Bay.
One-story frame and stucco residence
(3 bedrooms) tile roof, hardwood
floors, tile baths, wood sash,
runniss room over garage.
Owner—George Havice, c/o Arch.
Architect—Edward W. Kress, 516 1st
National Bank Bldg., San Jose.
Plans will be figured by a selected
contractor.

Sub-Contracts Awarded
RESIDENCE. Cost, \$8500
PALO ALTO, Santa Clara Co., Calif.
One-story frame and stucco resi-
dence.
Owner—Q. D. Griffin, 517 Byron St.,
Palo Alto.
Architect—Not given.
Contractor—C. A. Pellymounter, Min.
View.
Plumbing—John Dahl, 325 Alma St.
Electric Wiring—F. J. Bartholomae,
428 Guinda St.
Heating & Sheet Metal—Stanford
Sheet Metal Works, 815 High St.
Tile Work—Bloomquist Tile Co., 722
Clinton St., R. C.
Glass—West Coast Glass, 516 High
Street.
Window Shades & Linoleum—Duc-
ret Furniture Co., 424 University
Avenue.
Hardwood Floors—F. Backlund &
Sons, 1329 Hoover St., Menlo Pk.
Brick & Stone Work—Walker Bros.,
950 Noble Ave., M. P.
Grading—Everett S. Strain, Rt. 1,
Box 539, S. F. Hwy.
Foundations—Ferrioli & Bettini, P. O.
Box 912, M. P.
Lumber—McElroy Lbr. Co., Vista
Ave. & El Camino Real.
Mill Work—Minton Lbr. Co., Mt.
View.
Lathing & Plastering—W. A. Gould,
630 Palo Alto Ave., Mt. View. 14

Completing Working Drawings
RESIDENCE.
ORINDA, Ala. Co., Calif.
One-story frame and stucco resi-
dence; hardwood floors, tile
baths, wood sash, etc.
Owner—Withheld.
Architect—Williams & Wastell, 337

17th St., Oakland.
Contractor—A. T. Beckett, 224 Sec-
nic Ave., Piedmont.

Sub-Contracts Awarded
RESIDENCE. Cost \$7,500
SAN JOSE, Santa Clara Co., Calif.
780 E. Taylor St.
One-story frame and stucco resi-
dence (6 rooms).
Owner—E. Pieracci, 840 Jackson St.,
San Jose.
Architect—Not given.
Contractor—V. J. Sunzerl, 176 31st
St., San Jose.
Plumbing—O. J. Clewett, 131 Boston
Ave.
Electric Wiring—J. Santora Electric
Shop, 31 Page St.
Hardwood Floors—L. R. Stephen, Mc-
Laughlin Ave. nr. Story Road.
Lumber—San Jose Lumber Co., E.
Station, Clara & 26th St.
Mill Work—Pacific Mfg. Co., Santa
Clara.
Painting—W. J. Walker, N 24th St.
Lathing & Plastering—G. Romani &
Sons, 1046 W. San Fernando St.
All of San Jose, unless otherwise
noted. 14

Contract Awarded
RESIDENCE.
ROSS, Marin Co., Calif. Walters Rd.
One-story frame residence (6 rms.),
hardwood floors, tile bath, wood
sash, gas fired hot air heating
system, etc.
Owner—P. S. Molton.
Architect—Henry H. Gutterson, 526
Powell St., San Francisco.
Contractor—Emil Person, 829 San
Luis Road, Berkeley.

Preparing Working Drawings
RESIDENCE. Cost \$15,000
SAN FRANCISCO.
Two-story frame and stucco resi-
dence (8 rooms), tile sash, tile
roof, etc.
Owner—Frank Meade, c/o Arch.
Architect—August Nordin, 1040 Mills
Bldg., S. F.

Plans Being Figured — Bids Close
Sept. 7, 4 P. M.
PIEDMONT, Ala. Co., Calif.
Two-story frame residence; hard-
wood floors, tile baths, etc.
Owner—Withheld.
Architect—Miller & Warnecke, 1700
Financial Center Bldg., Oakland.
Following contractors are figuring
plans:
Carl Walstrom, 1447 Excelsior Ave.,
Oakland.
S. J. Bertelsen, 30 Extrella Ave.,
Piedmont.
John Moore Co., 354 Hobart Street,
Oakland.
Jensen — Pedersen, 3443 Adeline
St., Oakland.
Olaf Petersen, 3626 Rhoda Avenue,
Oakland.
V. E. Sigge, 3912 Linwood Avenue,
Oakland.

Low Bidder
RESIDENCE. Cost \$.....
OAKLAND, Alameda Co., Calif.
Two-story frame and stucco resi-
dence (15 rooms, 4 baths, hard-
wood floors, tile baths, shingle
roof, wood sash, gas fired hot air
heating system, etc.
Owner—Withheld.
Architect—Williams and Wastell, 337
17th St., Oakland.
Low bidder: H. C. Andersen & Sons,
690 Montclair Ave., Oakland.

Segregated Bids Wanted
RESIDENCES
Cost, \$6500 to \$12,000 each.
BERKELEY, Ala. Co., Calif.
Two one-story frame and stucco resi-
dences (first unit of eventual

group of 40 residences in Arl-
monte Village Project).
Owner and builder—Millar White
Const. Co., Arlington Ave. and
Arlmonte Drive.
Architect—Not given.
Construction is scheduled to start
about Sept. 10.

15—SCHOOLS

BIDS WANTED
SAN BERNARDINO CO., Calif.—
Until Sept. 24, 7 P. M., bids will
be received by the Crest Forest Eleme-
ntary School Dist., Crestline, San Ber-
nardino county, for construction of a
reinfc. conc. 3-classroom school and
an assembly bldg. at Crestline. Plans
are available only at the office of
Architect H. L. Gogery, 6272 Yucca
St., Hollywood, upon deposit of \$25.
S. B. Barnes, structural engineer, 803
W. 3rd St., L. A. 15

Bonds Defeated
SCHOOL BLDGS. Est. cost \$403,933
HAYWARD, Ala. Co., Calif.
Alterations and additions to girls'
lytens (32700); agricultural bldg.
(\$4255); cafeteria and social
center (\$68,970); library bldg.
(\$24,711); academic bldg. (\$188,-
000); music, arts and mechanical
drawing bldg. \$36,400; colonade
(\$8,897).
Owner—Hayward Union High School
District.
Architect—H. C. Smith, 3867 Sacra-
mento, San Francisco.

The school district defeated bonds
August 30 in the amount of \$210,000,
which proceeds together with PWA
grant of \$190,000 were to have fi-
nanced construction of additions and
improvements.

CONTRACT AWARDED
BURLINGAME, San Mateo Co., Cal.
—Medley Electric Co., 1163 Broadway,
Burlingame, at \$1,000, submitted low
bid and was awarded contract by the
Burlingame Elementary School Dis-
trict, M. B. Clawson, Acting Clerk,
for alterations and additions to the
electrical work at the Washington
School.

Bolds Voted
GYM & SHOP. Cost, \$45,000
CALISTOGA, Napa Co., Calif.
Gymnasium and shop building.
Owner—Calistoga Joint Union High
School.
Architect—William Herbert, Rosen-
berg Bldg., Santa Rosa.
The School District voted bonds
August 30 in the amount of \$25,000
which proceeds together with PWA
grant will finance construction.

BIDS WANTED
SAN FRANCISCO—Until Septem-
ber 7, 1:45 P. M., informal bids will
be received by the Department of
Public Works, Room 251, City Hall,
for covering the roof of the Sunshine
School, Bryant and 25th Streets, with
5-ply tar and gravel on the areas
now covered with terra cotta tile.
Specifications obtainable from Su-
perintendent of Buildings R. A. Chis-
holm, 490 11th Street. * 15

Bids Wanted—To Close September
7, 8 P. M.
GYMNASTIUM. Cost, \$40,000
SAN RAMON, Contra Costa Co., Cal.
One-story frame and stucco gymna-
sium building at the high school.
Owner—San Ramon Valley Un. High
School District.
Architect—Norman R. Coulter, 46
Kearny St., San Francisco.
Plans and specifications may be
obtained at the architect's office up-
on deposit of \$10.00.

The San Ramon Valley High School voted bonds August 29 in the amount of \$22,000, which proceeds, together with PWA grant of \$18,000 will finance construction.

Bids Wanted—To Close Sept. 13, 8 P. M.

ALTERATIONS & ADDITIONS.
SAN RAFAEL, Marin Co., Calif.
 Alterations and additions to existing shop building at the San Rafael High School.

Owner—City of San Rafael School District (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1602 De Young Bldg., San Francisco.

Plans and specifications may be obtained at the office of the secretary of the Board of Education upon deposit of \$10.

Bid forms also obtainable at the office of the secretary of the Board of Education or at the office of the architect and bid must be accompanied by a certified or cashier's check or bid bond for 5% of amount of bid, payable to the San Rafael High School District.

Plans Completed
SCHOOL

MARTINEZ, Contra Costa Co., Calif.

Block bounded by Almond Street, Vine Ave., Sycamore St. and Palma Ave.

One-story frame primary school bldg., to contain a kindergarten and several classrooms at the Mountain View Primary School.

Owner—Martinez Grammar School District.

Architect—Harold H. Weeks, 593 Market St., S. F.

Completing Plans

SCHOOL Cost, \$90,000

OAKLEY, Contra Costa County, Cal. One-story frame and stucco grammar school building to contain 8 classrooms, gym and auditorium.

Owner—Oakley Grammar School District. Architect—Harold H. Weeks, 593 Market St., San Francisco.

The school district voted bonds of \$50,000 to aid in financing PWA grant of \$40,909 allotted.

BOND ELECTION

KERN COUNTY, Calif.—Pershing School District will vote Sept. 19 on a proposal to issue bonds in the sum of \$25,000, proceeds to be used to finance improvements to the Pershing School in Kern County. 15

BOND ELECTION

CONTRA COSTA COUNTY, Calif.—The Bay Point School District of the County of Contra Costa, will vote Sept. 16 on a proposal to issue bonds in the amount of \$23,000, which proceeds will be used to finance construction of alterations and additions to school buildings. 15

Add. Sub-Contract Awarded

JUNIOR COLLEGE Cost, \$165,000

SAN MATEO, San Mateo Co., Calif. Peninsula Ave. and N. Delaware.

First unit of new junior college (2-story fireproof science building).

Owner—San Mateo Junior College and High School District.

Architect—H. A. Thomsen (successor to George W. Kelham, 315 Montgomery St., S. F.).

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—Monson Bros., 475 Sixth St., S. F.

Roofing—Jack Johnson Co., 3365 Army St., S. F.

Sub-contracts previously awarded published July 25.

Bond Election

ALTERATIONS

ROSS, Marin Co., Calif.

Alterations and additions to elementary school.

Owner—Ross Elementary School District.

Architect—C. F. Gromme, Freitas Building, San Rafael, and Albert Evers, 325 Market Street, San Francisco.

The school district will vote Sept. 20 on a proposal to issue bonds in the amount of \$60,000, which proceeds will aid in financing construction.

Application filed for PWA grant.

Plans Completed

SCHOOL

SAN LUCAS, Monterey Co., Calif. School bldg. to contain three classrooms, auditorium, kitchen, etc.

Owner—San Lucas School District. Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Plans have been forwarded to State Division of Architecture for approval.

Bonds voted in the amount of \$45,000, together with PWA grant will finance construction.

Funds Asked

AUDITORIUM Est. cost, \$15,000

SAN MARTIN, Santa Clara Co., Cal. Addition of auditorium to grammar school.

Owner—San Martin Un. School Dist. Architect—Edward W. Kress, First National Bank Bldg., San Jose.

Application filed for PWA grant to aid in financing construction.

Working Drawings Completed

AUDITORIUM Est. cost, \$30,000

SANTA ROSA, Sonoma Co., Calif. Fremont Grammar School.

One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).

Owner—Fremont Elementary School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans will shortly be forwarded to State Division of Architecture for approval.

Bonds Defeated

SCHOOL Cost, \$86,364

IRVINGTON, Ala. Co., Calif. One-story grammar school building to contain seven classrooms, gymnasium - auditorium, stage dressing rooms, storage rooms, office, teachers' rest rooms, etc.

Owner—Irvington Elementary Sch. District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.

The school district recently defeated bonds in the amount of \$52,000.

Funds Asked

SCHOOL Cost, \$40,000

SAN ANDREAS, Calaveras Co., Cal. One-story frame and stucco, four classroom, grammar school bldg.

Owner—San Andreas Elementary School District.

Architect—George C. Sellon, California State Life Bldg., Sacto.

Application filed for PWA grant to aid in financing. Balance of funds to be raised by bond issue.

Contract Awarded

SHOP BLDG. Cont. Pr., \$5,235

SUISUN CITY, Solano Co., Calif.

Addition of frame and stucco manual training shop at the Crystal Grammar school and alterations to the present school building, including 130 squares of roofing.

Owner—Suisun City Grammar School District (J. J. Finney, Principal).

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Contractor—Robert McCarthy, 1363 14th Ave., S. F.

Bids Wanted—To Close September 7, 8 P. M.

GYMNASIUM Cost, \$40,000

SAN RAMON, Contra Costa Co., Cal. One-story frame and stucco gymnasium building at the high school.

Owner—San Ramon Valley Un. High School District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

PWA grant will aid in financing construction.

Plans and specifications may be obtained at the architect's office upon deposit of \$10.00.

Miller Const. Co., 3917 Mission St., San Francisco, is figuring plans and desires sub-bids not later than Sept. 6 on all portions of the work.

Bids Wanted—To Close September 16, 8 P. M.

CAFETERIA, ETC. Cost, \$40,000

FORTUNA, Humboldt Co., Calif. One-story frame cafeteria building, one-story frame shop bldg., and frame bus garage.

Owner—Fortuna Union High School District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

PWA grant will aid in financing construction.

Plans and specifications may be obtained at the architect's office upon deposit of \$10.00.

Bids Wanted—To Close Sept. 20, 8 P. M.

COMPLETE SCHOOL Est. Cost, \$73,000

ALAMEDA, Alameda Co., Cal. Bay and Santa Clara, Mastick School.

Completion of 1-story and part basement modernistic U-shaped elementary school bldg. (12 classrooms, gym, and auditorium), to be built around a central courtyard of which the exterior stuccoed frame shell on conc. foundation and the composition roof, are completed.

Work includes interior mill work, doors, windows, linoleum, lathing and plastering and finish electrical work.

Owner—Alameda Board of Education (Wm. G. Paden, Supt.)

Architect—Kent and Hass, Underwood Bldg., San Francisco.

PWA grant of \$32,850 allotted.

Plans and specifications will be available next week at the Administration building, Oak and Alameda Sts., upon deposit of \$10. Bid will be opened at Administration Bldg.

Funds Asked

SCHOOLS Cost, \$402,496

ALAMEDA, Alameda Co., Calif. Construction of new school building at Longfellow school, and a new school bldg. at Versailles school, and an auditorium-gym. building at Mastick school.

Owner—Alameda Board of Education (Wm. G. Paden, Supt.)

Architect—Kent and Hass, Underwood Bldg., San Francisco.

Application filed for PWA grant of \$181,123. Balance of funds will be raised by bond issue, if PWA grant is allotted.

Bids Wanted—To Close Sept. 7, 5 P. M.

RECONSTRUCTION Cost, \$15,400

PETALUMA, Sonoma Co., Cal. Sheldon and Bassett Sts. (Lots 1, 2, 3, 4, 5, 6, 7, 8, Elk 13).

Reconstruction of farm mechanics shop building.

Owner—Petalum City High School District (Dr. Hall Weston, Clerk).

Architect—Brainerd Jones, 226 Washington St., Petaluma.

Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.

PWA grant of \$6,750 allotted. Bal-

ance of funds on hand.

Plans and specifications may be obtained from the architect's office upon deposit of \$10, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid, payable to Petaluma City High School District.

CONTRACT AWARDED

YERBA BUENA SCHOOLS.—Mallott & Peterson, 2412 Harrison St., San Francisco, at \$1418 submitted low bid and awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, under Contract No. 210, for lining of pools in the East Square Court. * 19

Bids Wanted — To Close Sept. 7, 8 P. M.

ADDITION.
KERN CO., Calif., near Amargo. Addition to the Gephart School. Owner—Muroc School District, W. M. Potts, Clerk.

Architect—Symmes & Willard, 1314 17th St., Bakersfield.

Plans and specifications may be obtained at the office of the architects upon deposit of \$10, returnable.

Bids will be opened at the Gephart School and must be accompanied by certified check or bidders bond of 10% of bid.

Bids Opened

SCHOOL. Cost, \$59,213
ORINDA, Alameda Co., Calif.
One-story frame and stucco grammar school to contain four classrooms.

Owner—Orinda School District.
Architect—Harold H. Weeks, 593 Market St., S. F.

Low bidder: Nielsen & Erbentraut, 201 S. Market St., San Jose, \$43,795. Recommendation made, (subject to PWA approval) that contract be awarded low bidder.

Complete basic bids follow:
Nielsen & Erbentraut, San Jose, \$43,795.

J. M. Walker, Berkeley, \$44,469.
Peter Sartorio, S. F., \$44,878.

Willis F. Lynn, Oakland, \$45,175.
B. A. Howkins & Co., S. F., \$45,615.
Central California Const. Co., S. F., \$46,240.

F. C. Stolte Co., Ala., \$46,576.
N. H. Sjoberg & Son, Oakland, \$47,551.

Elmer J. Freethy, Richmond, \$49,893.

Bids Wanted — To Close Sept. 15, 5 P. M.

SCHOOL.
BERKELEY, Ala. Co., Calif. N. E. Milvia and Virginia Sts.

Completion of Unit No. 1 at Whittier Elementary School.

Owner—Berkeley Unified School Dist. (Clara E. Andrews, Secy.), 2325 Milvia St., Berkeley.

Architect—P. L. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Allston St., Oak. Structural Engineer—W. Adrian, 417 Market St., S. F.

Plans and specifications obtainable at the office of the architects upon deposit of \$25.

Bids will be opened in the Board Room, Administration Bldg., Berkeley.

Bids Wanted — To Close Sept. 15, 5 P. M.

SCHOOL.
BERKELEY, Ala. Co., Calif. N. E. Milvia and Virginia Sts.

Second unit of Whittier Elementary School addition consisting of two-story reinforced concrete building.

Owner—Berkeley Unified School District, (Clara E. Andrews, Secy.), 2325 Milvia St., Berkeley.

Architects—P. O. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Allston St., Oakland. Structural Engineer—W. Adrian, 417 Market St., S. F.

PWA grant of \$49,188 recently allotted.

Plans and specifications obtainable at the office of the architects upon deposit of \$25.

Bids will be opened in the Board Room, Administration Bldg., Berk.

Bids Wanted — To Close Sept. 6, 8 P. M.

ADDITION.
McFARLAND, Kern County, Calif. One-room addition to primary bldg., a bus garage and a manual training bldg.

Owner—McFarland Union School District, D. L. Whisler, Clerk.

Architect—Symmes & Willard, Stanton Willard, Architect, 1314 17th St., Bakersfield.

Plans and specifications may be obtained at the office of the architect upon deposit of \$10, returnable.

Bids will be opened in the office of the McFarland Elementary School and must be accompanied by certified or cashier's check or bid bond for 10% of bid.

Bids Wanted — To Close Sept. 14, 11 A. M.

LABORATORY FURNITURE.
SAN FRANCISCO, College of Pharmacy, University of Calif., 2nd Ave. & Parnassus St.

Installation of laboratory furniture. **Owner**—Regents of the University of California, Berkeley.

Plans and specifications may be obtained at the office of the Comptroller, Window 1, First Floor, California Hall, University of California, Berkeley, upon deposit of \$10.

Funds Asked

ADDITION & ALTERATIONS Cost, \$23,000

ESPARTO, Yolo Co., Calif.
One-story frame and stucco shop building and alterations to present high school building.

Owner—Esparto High School Dist. **Architect**—George C. Selson, California State Life Bldg., Sacramento.

Application filed for PWA grant to aid in financing. Balance of funds to be supplied by direct tax.

Bids Wanted—To Close Sept. 12, 8 P. M.

ADDITION.
YUBA COUNTY, Calif., about five miles south of Marysville.

One-story frame and stucco addition to present grammar school to contain three classrooms and assembly hall.

Owner—Elia Elementary School District, W. G. Taylor, Clerk.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications may be obtained from the office of the architect upon deposit of \$10, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid.

Bonds recently voted in the amount of \$15,000 together with PWA grant will finance construction.

Bids Wanted—To Close Sept. 12, 7 P. M.

ADDITION Est. Cost, \$150,000
OILDAL, Kern Co., Calif.
New unit to be added to the grammar school to contain classrooms, manual training dept. and a cafeteria.

Owner—Standard School District. **Architect**—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

PWA has approved a \$72,000 grant

for the project.

Plans and specifications obtainable from the architect upon deposit of \$25.

BIDS WANTED

TULARE COUNTY, Calif.—Until Sept. 19, 2:00 P. M., bids will be received by the Strathmore Elementary School District for the construction of a new school building at Strathmore, a PWA project. Plans will be available after Sept. 2 only at the office of H. L. Gogarty, Architect, 6272 Yuca St., Hollywood. It will be a one-story frame and stucco structure, containing 10 classrooms, library, cafeteria and assembly room. Cost, \$110,000. 15

CONTRACT AWARDED

MOORPARK, Ventura Co., Calif.—Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, awarded contract at \$71,214 for construction of a new main building at the Moorpark High School. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles.

Preparing Working Drawings

LOS ANGELES, Calif. — P. J. Walker Co., 3900 Whiteside Ave., will manage construction of the Allan Hancock Foundation Building to be built at the University of Southern California. As previously reported, working plans are now under way in the office of Architect C. Raymond Johnson, 674 W. 36th St., and construction will be started in about six months. The building will contain approximately 1,000,000 cu. ft. and will house a number of laboratories arranged around a central stack 70 ft. in height. There will also be an auditorium to seat 450 persons. Construction will be reinforced concrete truss with flat roof, steam heat, air conditioning, ventilation system, one brick facing, elevator, that contract will cost approximately \$425,000. Samuel E. Lunden, 400 Rowan Bldg., is the consulting architect; Murray Erick, 811 W. 7th St., structural engineer; Ralph Phillips, architect, Architects' Bldg., mechanical engineer. 15

Preparing Working Drawings

SCHOOL BLDG. Est. cost \$58,831
LODI, San Joaquin Co., Calif. Lodi Union High School.

Construction of Agricultural-Science classroom building.

Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Application filed for PWA grant to aid in financing; balance of funds to be drawn from general tax.

(2186) 1st rep. July 22, 1938. 15

BOND ELECTION

KERN COUNTY, Calif.—The Rio Bravo School District of the County of Kern, will vote Sept. 12 on a proposal to issue bonds in the amount of \$40,000, which proceeds will be used to finance construction of alterations and improvements to school buildings. 15

BOND ELECTION
SAN JOAQUIN COUNTY, Calif.—The Lincoln School District, O. D. Carson, Clerk, will vote Sept. 20 on a proposal to issue bonds in the amount of \$10,000, which proceeds will be used to finance construction of alterations and improvements to school buildings. 15

BOND ELECTION
CONCORD, Contra Costa Co., Cal.—The Concord Elementary School District will vote Sept. 23 on a proposal to issue bonds in the amount of \$35,000, which proceeds will be

used to finance construction of alterations and improvements to school buildings.

BOND ELECTION

HUMBOLDT COUNTY, Calif.—The Willow Forest Union School District of Humboldt County, will vote Aug. 31 on a proposal to issue bonds in the amount of \$7000, which proceeds will be used to finance construction of alterations and improvements to school buildings. **15**

Completing Working Drawings

HIGH SCHOOL. Cost, \$227,000
SACRAMENTO CO., Cal., about 15 miles northeast of Sacramento. San Juan High School.

High school plant to contain twelve classrooms, gymnasium, auditorium, agricultural shop, cafeteria, dramatic arts room, administration offices, and boiler room. Owner—San Juan Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

PWA grant of \$102,375 allotted, which, together with bonds voted recently in the amount of \$125,000 will finance construction.

Plans will be completed and forwarded to State Division of Architecture in about one week.

BIDS WANTED

SANTA MONICA, Los Angeles Co., Cal.—Until Sept. 19, 7:30 P. M., bids will be received by the Santa Monica Board of Education for the construction of additions to the John Adams Junior High School, located at 16th and Pearl Sts., Santa Monica, a PWA project. Plans and specifications may be obtained at the office of the board, 1333 6th St., Santa Monica, upon deposit of \$25. Certified or cashier's check or bond for 5% required. Edward Cray Taylor and Ellis Wing Taylor, 803 W. 3rd St., Los Angeles, architects and engineers. **15**

BIDS WANTED

MARYSVILLE, Yuba County, Cal.—Until Sept. 12, 8 P. M., bids will be received by the Marysville Elementary School District, D. W. Beattie, Clerk, for construction of new roofs for the Marysville Elementary School Buildings located on corner of 7th and F Streets, Marysville.

Plans and specifications may be obtained from Architect Chas. F. Dean, 1407 California State Life Bldg., 10th and J Sts., Sacramento, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid payable to the clerk.

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 12, 2 P. M., bids will be received by the Los Angeles Board of Education for the construction of new assembly hall building at the Canoga Park High School, 6850 Topanga Canyon Blvd., a PWA project. Separate bids will be taken as follows: General work, plumbing, heating and ventilation, painting and electrical wiring. Hibbard, Gerity & Kerton, architects. **15**

16—BANKS, STORES AND OFFICES

Sub-Contracts Awarded

ALTERATIONS Cost, \$7500
SAN JOSE, Santa Clara Co., Calif.

131 South Fourth Street. Alterations and additions to bldg. Owner—L. Lion & Sons, premises.

Architect—Not given.

Contractor—W. M. Caldwell, 1241 Hedding St., San Jose.

Plumbing—Henry Rose, 1362 Davis Street.

Electric Wiring—Schutte Bros., 37 Fountain St.

Sheet Metal—Henry Eitzert, 748 The Alameda.

Brick & Stone Work—Frank Fliben, 1140 Martin Ave.

Lumber—Cheim Lumber Co., 1400 The Alameda.

All of San Jose. **16**

Plans Being Figured

STORE BLDG. Cost, \$.....
NAPA, Napa Co., Calif. Second and Coombs Streets.

One-story steel and brick store bldg. (30x110-ft.)

Owner—Lincoln Market.
Plans by C. Leroy Hunt, 989 Second St., Napa.

Bids will be opened in about ten days.

Following contractors are figuring plans:

E. W. Doughty, P. O. Box 236, Napa
Coffield & Arnitz, 429 Franklin St., Napa.

J. H. Vienop, R. F. D. 2, Box 2284, Napa.

Planned

REMODEL BLDG.
PALO ALTO, Santa Clara Co., Calif. University Ave. & Emerson St.

Remodel present two-story and basement Frazer Bldg. into department store.

Owners—T. C. Christy, Nate Rothman and Wells P. Goodenough.
Lessee—Montgomery Ward & Co.
Plans by Eng. Dept. of Lessee.

Planned

STORE BLDG. Cost, \$——
PROJECT CITY, Shasta Co., Calif.—

8 miles north of Redding.
One-story stucco store building to contain 11 stores.

Owner & Builders—The Orr Brothers of El Centro and Brawley.

Architect—Not Given.

Construction will start within one week. **16**

Contract Awarded

ALTERATIONS Const. Price \$10,000
SAN FRANCISCO, Calif. 761 Market Street.

Alterations to store.
Owner—Norris Beggs Simpson, 243 Kearny St.

Engineer—W. H. Ellison, Pacific Bldg.

Contractor—Louis C. Dunn, Inc., 681 Market St.

Sub Contract Awarded

ALTERATIONS.
SAN JOSE, Santa Clara Co., Calif.

First Street.
Exterior alterations to Mutual Bldg. & Loan Assn Bldg.

Owner—Withheld.
Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.

Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Steel Work—Harold Helliwig, 150 S. Montgomery St., San Jose.

Sub Contracts Awarded

ALTERATIONS. Cont. Price \$5,729
SACRAMENTO, Calif. Capitol Bldg.

Alterations to office and committee rooms in Capitol Bldg.

Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

Glass—W. P. Fuller & Co., 1725 10th Street.

Lumber—Diamond Match Co., 2826 Q St.

Mill Work—Capital City Planing Mill,

1812 9th St.
Lathing & Plastering—Thos. F. Scollan, 2910 T St.

Plans Being Figured — Bids Close September 8, 3 P. M.

ALTERATIONS
SAN FRANCISCO, 230 Jones Street. Interior alterations to building.

Owner—Musicians Union Building.
Architect—George A. Applegarth, Russ Building, S. F.

Plans are being figured by a selected list of contractors.

17— THEATRES

Contract Awarded
THEATRE & STORES Cost, \$185,000
OAKLAND, Ala. Co., Calif. 3216-38 East 14th St.

Two-story concrete theatre and store building.

Owner—Golden State Theatre and Realty Corp., 25 Taylor St., S.F.

Architect—Jorgensen & Delchmann, 321 Bush St., San Francisco.

Contractor—Sath Bros., 25 Taylor St., San Francisco.

Contract Awarded
THEATRE Cost, \$75,000
OAKLAND, Ala. Co., Calif. 38th & Hopkins Sts.

Brick and concrete, 1000 seat theatre and two stores (92x125 ft), composition roof; acoustical treatment, etc.

Owner—Laurence Goldsmith.
Architect—S. Charles Lee, 1648 Wilshire Blvd.

Contractor—Lindgren & Swinerton, Inc., 225 Eush St., S. F.

Work starts immediately.

CONTRACT AWARDED
COLTON, San Bernardino Co., Cal.

—Baker & Robinson, 732 "D" St., San Bernardino, awarded contract for construction of a new motion picture theater at 250 East "T" St., Colton, for L. C. Myers, manager of the Colton theater. Cost \$65,000. C. A. Balch, architect, 1914 S. Vermont Ave., Los Angeles. **17**

18— WHARVES & DOCKS

CONTRACT AWARDED
LOS ANGELES, Calif.—Wm. P. Nell Co., 4814 Loma Vista St., awarded contract by the Los Angeles Harbor Dept. at \$117,000 (Spec. A.), for construction of concrete wharf (except concrete piling) and transit shed facility, including riprap, rubble wall, sprinkler system, elec. system, railroad trackage, paving, clearing site and altering existing concrete transit shed at Berth 181, Wilmington; Spec. 978, a PWA project. Warren-Southwest, Inc. Berth 140, Los Angeles Harbor, was awarded contract at \$22,968.16 for manufacturing and driving 3936 ft. reinforcing concrete piles. **18**

CONTRACT AWARDED
SILOS. Const. Price \$10,000
SAN FRANCISCO, Calif. SE 2nd & Folsom Sts.

Reinforced concrete silos.
Owner—A. Schilling & Co., 2nd & Folsom Sts.

Engineer—George L. Hurst, 405 Montgomery St.

Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
SILOS. Const. Price \$10,000
SAN FRANCISCO, Calif. SE 2nd & Folsom Sts.

Reinforced concrete silos.
Owner—A. Schilling & Co., 2nd & Folsom Sts.

Engineer—George L. Hurst, 405 Montgomery St.

Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg.

BIDS OPENED

SAN MATEO COUNTY, Calif.—Following submitted bids to the Department of Commerce, Lighthouse Service, Room 425, Custom House,

San Francisco, under Bid No. P-22, for constructing a power line, approx. 2700 feet long, from the mainland to Ano Nuevo Island Light Station, San Mateo County.

Bids were:
United Elec. Constr. Co., \$5447; 20%, 10 days. Ait. 20% cost plus (1% 20).

H. S. Tittle, \$6570, net.
Pacific Gas & Elec. Co., 45.4% net.
T. L. Rosenberg, 25%, net. 19

BIDS WANTED

LOS ANGELES, alic.—Until Sept. 13, 2:00 P. M. bids will be received by L. A. County Supervisors, 501 Hall of Records, L. A., for construction of a control house at San Gabriel Dam No. 1 in accordance with plans and specifications prepared by C. H. Howell, Chief Engineer, L. A. County Flood Control Dist., 751 S. Figueroa St., L. A., from whom copies may be obtained upon payment of \$2.50 per copy, not returnable. Certified or cashier's check or bidder's bond for 10% must accompany each proposal. 19

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 13, 2:00 P. M., bids will be received by the L. A. County Supervisors, 501 Hall of Records, for the installation of the electric system at San Gabriel Dam No. 1, involving the placing and wiring of conduit, the installation of cables, panels, cabinets, transformers, switches and other equipment in accordance with plans and specifications prepared by C. H. Howell, Chief Engineer, L. A. County Flood Control District, 751 S. Figueroa St., L. A., from whom plans may be obtained upon payment of \$2.50 per copy, not returnable. Certified or cashier's check or bidder's bond for 10% must accompany each proposal.

CONTRACT AWARDED

SAN FRANCISCO.—Pacific Dry Dock and Repair Co., foot of 14th Avenue, Oakland, at \$549 submitted low bid and was awarded contract by the State Harbor Board of Commissioners, Ferry Bldg., San Francisco, for drydocking and repairing the State pile driver No. 3.

Total bids follow:
Pacific Dry Dock & Repair Co., foot of 14th Ave., Oakland, \$549.
Anderson & Christofani, S. F., \$611.
Bruer-Siemer, S. F., \$640.
H. C. Thompson, S. F., \$664.

BIDS WANTED

BONNEVILLE PROJECT.—Until September 22, bids will be received by J. D. Ross, Administrator, The Bonneville Project, Failing Building, Portland, for 800 miles of transmission cable to link Bonneville and Grand Coulee Project. Estimated cost of 4,288,000 feet of metallic conductor about \$1,000,000. 1000 heavy connections and 820 "dead-end" fittings needed.

Plans and specifications available from above office. 19

BIDS WANTED

KENDRICK PROJ., Wyo.—Until Sept. 21, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Casper, Wyo., under Spec. No. 799, for the construction of a transmission line from Cheyenne, Wyo., to Gering, Neb., Kendrick Proj., Wyoming.

The transmission line will be a 115,000-volt, 3-phase, single-circuit, 60-cycle, wood-pole, transmission line approx. 93 miles long. The ruling span will be 700 ft., and 55-ft. poles will be used except where other lengths are required for crossings or for topographic reasons. Conductors will be No. 4/0 ACRS. The schedule

is prepared on the basis of unit prices for constructing 780 pole structures of various types, attaching X-braces, constructing guys, placing plate and rock anchors and stringing conductors.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.50, not returnable. 19

BIDS WANTED

BONNEVILLE, Ore.—Until Sept. 23, bids will be received by J. D. Ross, Administrator, Bonneville Project, Failing Bldg., Portland, for 215 high voltage wooden towers to be used in 19 miles hi-tension line running from Vancouver, Washington substation to Kelso, 160,000 lbs. of material necessary for stubs, anchors, and special structures.

Plans and specifications available from above office. 19

20—MISC. SUPPLIES AND MATERIALS

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until Sept. 13, 8:00 P. M., bids will be received by the Board of Education of the San Rafael High School District, Oliver R. Hartzell, Secretary, for furnishing shop equipment for the San Rafael High School.

Plans and specifications may be obtained from the above office and at the office of Architect N. W. Sexton, DeYoung Bldg., San Francisco, upon the deposit of \$5.00. 20

BID CALL CANCELLED

HONOLULU, T. H.—The U. S. Engineer Office, District Engineer, cancelled the call for bids for furnishing approximately 2,494.60 short tons of steel sheet piling and zee bar waling; f.o.b. Honolulu, T. H., under Bid No. 414-39-11. Bids were called for Sept. 6, 11:30 A. M., by the District Engineer, 414 Custom House, San Francisco; and at 9:00 A. M. by the District Engineer, Honolulu, T. H. 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until September 16, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1117-D, for furnishing and delivering all structural steel for a steel warehouse bldg. at the Imperial Dam, All-American Canal system, Boulder Canyon Project, Arizona-California-Nevada. F.O.B. shipping point and/or Railroad destination. Concrete foundations will be constructed and the building erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.75 not returnable. 19

BIDS WANTED

COLUMBIA BASIN PROJ., Wash.—Until Sept. 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1115-D, for furnishing and delivering structural steel framing for the Leavenworth fish hatchery, Columbia Basin Project, Wash.; job shipping pt. and/or Leavenworth, Wash. Framework will be erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50, not returnable. 20

BIDS OPENED

YAKIMA PROJECT, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1109-D, for furnishing

and delivering structural steel for the Northern Pacific railroad bridge over the Yakima Ridge canal and the service bridge on the Roza division dam, Roza division, Yakima Project. Materials will be installed by the Government. F.O.B. shipping point and/or Crownover, Wash.

Bids were:

American Bridge Co., Denver, \$10,921, wt. 296,080, net; f.o.b. Gary, Ind. Bethlehem Steel Co., Chicago, \$10,994, wt. 292,400, net; f.o.b. Chicago. Virginia Bridge Co., Denver, \$11,115, wt. 294,000, net; f.o.b. Birmingham, Ala.

Milwaukee Bridge Co., Milwaukee, \$11,703, wt. 292,100, net; f.o.b. Milwaukee.

Wisconsin Bridge & Iron Co., Milwaukee, \$11,963, wt. 292,000, net; f.o.b. Milwaukee. Mississippi Valley Structural Steel Co., St. Louis, Mo., \$12,087, wt. 292,000, net; f.o.b. St. Louis.

Hansell-Elococ Co., Chicago, \$12,100, wt. 295,154; ½% 20 days; f.o.b. Chicago.

Stupp Bros. Bridge & Iron Co., St. Louis, \$12,214, wt. not complete; net; f.o.b. St. Louis.

Jos T. Elyerson & Son Inc., Chicago, \$12,600, wt. 294,000; ½% 10 days; f.o.b. Chicago.

Lakeside Bridge & Steel Co., Milwaukee, \$12,672, wt. 293,100, net; f.o.b. Milwaukee.

The R. C. Mahon Co., Chicago, \$12,705, wt. 300,900, net; f.o.b. Detroit.

Worden Allen Co., Milwaukee, \$13,471, wt. 292,100; ½% 10 days; f.o.b. Milwaukee.

The Mount Vernon Bridge Co., Mt. Vernon, Ohio, \$13,510, wt. 289,000, net; f.o.b. Mt. Vernon.

St. Joseph Structural Steel Co., St. Joseph, Mo., \$15,240, wt. 300,000, net; f.o.b. St. Joseph.

Independent Iron Works Ltd., Oakland, \$20,081, wt. 301,000; ½% 10 days; f.o.b. Oakland.

Isaacson Iron Works, Seattle, irregular, no bid on Item No. 2.

BIDS OPENED

TACOMA, Wash.—Following submitted bids to the Board of Contracts and Awards, C. D. Forsbeck, City Engineer, Tacoma, for furnishing pipe, fittings, valves, etc.

Bids taken on:

- (1) (a) 1660 tons cast iron pipe; (b) 50 tons cast iron fittings.
- (2) Furnishing and installing 8560 ft. of 12-inch cast iron or asbestos cement pressure pipe with fittings, gates, lateral and connections.
- (3) Gate valves.

Bids were:

U. S. Pipe & Foundry Co., Seattle, (1) \$79,755, (b) \$5271.
American Cast Iron Pipe Co., San Francisco, (1) (a) \$84,051, (b) \$5802.
Florence Pipe Foundry & Machinery Co., Florence, Ala., (1) (a) \$85,944.

Pacific States Cast Iron Pipe Co., Seattle, (1a) partial bid, \$35,406.

Atlas Foundry & Machine Co., Tacoma (1b) \$4845.

Acme Constr. Co., Seattle, (2) \$43,309.

Galine-Gallucci Inc., Tacoma, (2) \$43,737; (CI pipe) \$43,877; (transite pipe) \$43,800; (N. Coluocic, (2) \$48,071.

Queen City Constr. Co., (2) \$51,805 (CI pipe) \$54,545 (transite pipe).

Superior Constr. Co., (2) \$53,434.

Macri Bros., Seattle, (2) \$56,143.

Pacific Waterworks Supply Co., Seattle, (3) \$6239.

Hugh G. Purcell, Seattle, (3) \$6372.

Rensselaer Valve Co., Troy, N. Y., (3) \$6654.

Chapman Valve Mfg. Co., Indian Orchard, Mass., (3) \$6767.

Tacoma Plumbing Supply Co., Tacoma, (3) \$6788.

A. P. Smith Mfg. Co., East Orange, N. J. (3) \$7053.
 Rich Mfg. Co., Los Angeles, (3) \$7074.
 Crane Co., Tacoma, (3) \$7074.
 Palmer Supply Co., Seattle, (3) \$7237. 20

BIDS WANTED

SACRAMENTO, Calif.—McGillivray Construction Co., A. Teichert & Son Inc., and Acme Transportation Company, at \$0.06% submitted identical bids to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing approximately 100,000 gallons, more or less, emulsified asphalt. 20

CONTRACT AWARDED

ALL AMERICAN CANAL—Columbia City, Denver, Colo., at \$42,060 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Bid No. B-42,099-A, for 1,745,000 lbs. reinf. steel for All American Canal. 20

CONTRACT AWARDED

DENVER, Colo.—Bethlehem Steel Co., San Francisco, at \$14,027.82 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. B-42,101-A, for furnishing round and square deformed bars. 20

CONTRACT AWARDED

OAKLAND, Cal.—L. M. Clough, 996 66th Ave., Oakland, at \$0.99 per ton submitted low bid and awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing 15,000 tons of crusher run rock. 20

Total bids follow:

L. M. Clough Co., 996 66th Avenue, Oakland, \$0.99 per ton.
 Raymond Giacconi, \$1.042 per ton.
 Daniel Contracting Co., San Francisco, \$1.20 per ton.
 Hutchinson Co., Oakland, \$1.23 per ton.
 Lee J. Immel, Berkeley \$1.25 per ton.
 Blake Bros. Co., San Francisco, \$1.28 per ton. 20

BIDS OPENED

SAN FRANCISCO, Calif.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, Dist. Engineer, 401 Custom House, under Bid No. 868-39-83, for 1650 cable hangers; f.o.b. Fort Cronkhite, Marine County. 20

Bids were:

Walworth-California Co., \$219.87, 2%, 30 days.
 General Metals Corp., \$720.50, 1/2 of 1%, 10 days.
 Graybar Elec. Co., \$919, 2%, 10 days.
 Marine Elec. Co., \$885.50, net. 20

BIDS OPENED

COLORADO PROJECT—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1108-D, for furnishing and delivering one 10-ton, motor-operated, traveling crane for the Government warehouse at the Estes Park headquarters and one 10-ton motor-operated, traveling crane for the warehouse at the Government camp at Green Mountain Dam, Colorado—Bid Thompson Project, Colo; f.o.b. shipping point and/or railroad destination. Cranes will be installed by the Government. 20

Bids were:

Hendrie & Bolthoff M. & S. Co., Denver, \$7,700, wt. 30,900; net; f.o.b. Tonawanda, N. Y.
 Harnischfeger Corp., Milwaukee, \$7,800, wt. 37,000; net; f.o.b. Milwaukee.
 Northern Engineering Works, Detroit,

\$9,805, wt. 36,000; 1%; f.o.b. Detroit.

Bedford Foundry & Mach. Co., Bedford, Ind., \$7,380, wt. 36,000; net; f.o.b. Bedford.

Shaw Box, Crane & Hoist Divn., Manning, Maxwell & Moore Inc., Muskegon, Mich., \$8,846, wt. 39,000; f.o.b. Muskegon.

Erie Steel Const. Co., Erie, Penna., \$9,347, wt. 47,200; 2%; f.o.b. Erie.
 Conco Engr. Works, Divn. of H. D. Conkey Co., Mendota, Ill., \$9,700, wt. 48,000; net; f.o.b. Mendota.

Wright Mfg. Divn. of Amer. Chain and Cable Co., Inc., York, Pa., \$8,500.20, wt. 31,650; 2%; f.o.b. York.

Cyclops Iron Works, San Francisco, \$6,500, wt. 24,600; 1%; f.o.b. S. F.
 Whiting Corp., Harvey, Ill., \$8,750, wt. 42,400; net; f.o.b. Harvey.
 Victor E. Browning & Co. Inc. Willoughby, Ohio, \$10,995, wt. 45,000; net; f.o.b. Willoughby.

Shepard Niles Crane & Hoist Corp., Montour Falls, N. Y., \$3,900, wt. 40,400; \$6,900, wt. 34,000; net; f.o.b. Montour Falls.

Maris Bros. Inc., Philadelphia, \$7,992, wt. 32,800; 1%; f.o.b. Philadelphia.
 Roeper Crane & Hoist Works Inc., Reading, Pa., \$6,932, wt. 31,200; net; f.o.b. Reading.

The Euclid Crane & Hoist Co., Euclid, Ohio, \$9,000, wt. 41,800; net; f.o.b. Euclid. 20

CONTRACT AWARDED

SACRAMENTO AIR DEPOT — H. C. Muddox Company, 30th and L Sts., Sacramento, at \$0.1072 submitted only bid and was awarded contract by the Constructing Quartermaster, Sacramento Air Depot, for 1600 feet drain tile. 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Hall, for furnishing 3,000 gallons of white lacquer for traffic markers. 20

Bids were:

Dan P. Maher Co., \$1.05.
 Paraffine Companies, Inc., \$1.05.
 W. P. Fuller & Co., \$1.08.
 Sherwin-Williams Co., \$1.13.
 Frank Dunne, \$1.16.
 National Lead Co., \$1.23. 20

BIDS OPENED

DEL NORTE CO., Calif.—Fred J. Maurer & Son Inc., 3031 E. Street, Eureka, at \$750 submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8953, for furnishing and installing a 10,000-gal. redwood water storage tank complete with foundations and piping connections at the U. S. Naval Direction Finder Station, Point St. George (Crescent City), Calif. 20

Total bids follow:

Fred J. Maurer & Son Inc., 3031 E. St., Eureka, \$750.00.
 Ed Fesgarden, Crescent City, \$1013.44.
 Robt. M. Thompson, Crescent City, \$1331.32.
 Lloyd C. Byrne, Crescent City, \$1347.62.

BIDS OPENED

SAN FRANCISCO.—American Bitumuls Co., 200 Bush St., S. F., at \$0.1275 per gallon, f.o.b. Melrose City, submitted only bid to the U. S. Forest Service Regional Office, F. C. Brown, Procurement Officer, 1018 Phelan Bldg., under Bid No. 1340, for furnishing 22 bbls. bitumuls HRM or equal, f.o.b. bidder's shipping point and/or 3 bbls. for Redding, 12 bbls. Willows and 7 bbls. Sonora. 20

CONTRACT AWARDED

SAN FRANCISCO, Calif. — E. M. Hundley Hardware Co., 662 Mission St., San Francisco, at \$2497.75 submitted low bid and awarded contract by the Golden Gate International Exposition Commission, George Creel, Commissioner, Room 1400, 200 Bush St., San Francisco, for finished hardware. 20

Complete bids follow:

E. M. Hundley Hardware Co., 662 Mission St., S. F., \$2497.75.
 Palace Hardware Co., San Francisco, \$2584.
 Associated Hardware Co., Inc., Oakland, \$2649.
 Marshall-Newell Supply Co., San Maxwell Hardware Co., Oakland, \$2817.05.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER bakery, \$975; 1501 Grant Ave.; owner, L. Demartini, 298 Chestnut; contractor, L. Latorio, 2627 Lombard St.
 ALTER dwelling, \$680; 1955-57 Sutter; owner, E. Candevan, 1734 Boderick; contractor, L. Saloman, 1734 Broderick.

ALTER dwelling, \$500; 134 Laidley; owner, Anthony Pera, prem.; contractor, National Roofing & Siding Co., 2172 Market St.

ALTER dwellCling, \$350; 1839 Church St.; owner, F. Drewes, prem.

ALTER flats, \$300; 3907 22nd St.; owner and builder, Henry Velle, 1670 Oakdale Ave.

ALTER flats, \$300; 1943-45 Powell; owner, V. Rustic, 1845 Powell; contractor, F. Rossi, 1835 Stockton St.

ALTER store, \$300; 3232 Scott St.; owner, M. Salen, prem.; contractor, H. Abrahams, 500 Silliman St.

ALTER dwelling, \$300; 1243 Rhode Island; owner, John S. Vidale, prem.

ALTER store, \$300; 237 Jefferson; owner, L. P. Romano, Terminal Island, Cal.

ALTER flats, \$250; 2937 Folsom St.; owner, Stephen Cassinelli, prem.

ALTER dwelling, \$200; 11 Harper St.; owner, Nora Burnett, 129 Central Ave.; contractor, Hanson Bros, 5840 Mission.

SIGN, electric, \$180; 462 Powell St.; owner, Cohen & Goodfriend, prem.; contractor, Electrical Products Co., 910 Harrison St.

ALTER dwelling, \$150; 119 Carl St.; owner, L. J. Roberts, prem.



The
"BUILDER-WAY"
 is the
"MODERN-WAY"
 to
 Buy and Sell
EQUIPMENT
 ★
 For further information consult:

Daily Pacific Builder
 465 TENTH ST. | OR | MARKET 7110
Stark-Rath Publ. Co.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 1.—Bridges | 30.—Reservoirs and Oams |
| 22.—Grading, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 7.—Fire Alarm Sys. | |
| 8.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

HUMBOLDT CO., Cal.—Until Sept. 6, 2:00 P. M. bids will be received by the State Division of Highways, E. R. Green, Acting District Engineer, District I, Eureka, for the construction of a reinforced concrete bridge across Redwood Creek, at Whittemore Grove State Park, Humboldt County, Calif.

Plans and specifications may be obtained from the above office. * 21

BIDS OPENED

MARIPOSA O., Calif.—John Rocca, Box 444, San Rafael, at \$148,099 submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for constructing bridges on Section A1 of Route 3, the Big Oak Flat Road, a length of 0.117 miles, Yosemite National Park, Mariposa County.

Work involves:

- (1) 2,150 c.y. unclassified excav. for structures;
- (2) 500 c.y. disposal of previously excavated materials;
- (3) 1670 c.y. concrete, Class A;
- (4) 100 c.y. concrete, Class B;
- (5) 1394 c.y. concrete Class D;
- (6) 433,000 lbs. reinforcing steel;
- (7) 8 drain inlets;
- (8) 240 lf. 6 inch galv. welded steel pipe.

Total bids follow:

- (A) John Rocca, Box 444, San Rafael, \$148,099.00.
- (B) Ralph A. Bell, Monrovia, \$159,547.00.
- (C) Union Paving Co., San Francisco, \$168,373.00.
- (D) Gates and Huntley, Los Angeles, \$175,058.00.
- (E) United Concrete Pipe Corp., L.A., \$193,854.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	5.00	7.00	6.00	7.00	7.00
(2)	1.00	4.00	3.00	3.00	3.00
(3)	35.50	37.00	40.00	40.00	45.00
(4)	35.50	30.00	30.00	35.00	26.00
(5)	35.50	38.00	41.00	42.00	46.00
(6)	.055	.055	.06	.06	.08
(7)	32.00	25.00	40.00	25.00	70.00
(8)	1.90	3.00	3.00	2.00	1.00

CONTRACT AWARDED

ALAMEDA CO., Calif.—MacDonald & Kahn Company Ltd., 200 Financial Center Bldg., San Francisco, at \$747,000 awarded contract by the Alameda County Board of Supervisors, Court House, Oakland, for construction of the High Street Bridge, Alameda Co. * 21

CONTRACT AWARDED

MARIN CO., Calif.—Seimer and Warner, 128 Calumet Ave., San Anselmo, at \$4542 submitted low bid and awarded contract by the Marin County Clerk, Court House, San Rafael, for construction of a reinforced concrete bridge across San Geronimo Creek on Montezuma Avenue, Forest Knolls, County Road No. 5861, Marin Co., Calif.

Total bids follow:

- Seimer & Warner, 128 Calumet Ave., San Anselmo, \$4,542.00.
 R. J. Stecker, Kentfield, \$4,735.75.
 Rinaldi Bros., \$4,750.00.
 D. W. Nicholson, Oakland, \$5,019.50.

R. G. Clifford, S. F., \$5,579.50.
 John Carcano, San Rafael, \$5,950.
 Brown & Lambretti, Mill Valley, \$6,340.50. * 21

CONTRACT AWARDED

SONOMA COUNTY, Cal.—A. Soda & Son, 5231 Grove St., Oakland, at \$86,940.84 awarded contract by the State Division of Highways, Sacramento, for the construction of bridge across Russian River at Cloverdale, consisting of three 120-ft. steel truss spans on concrete piers with pile foundations and four 40-ft. steel girder spans on concrete bents and abutments on pile foundations and about 0.3 mile of grading, Sonoma county. * 21

BIDS WANTED

SIERRA COUNTY, Calif.—Until Sept. 6, 10:00 A. M., bids will be received by the Sierra County Board of Supervisors, F. H. Turner, County Clerk, Downieville, for furnishing and erecting a 120-foot steel truss bridge and approaches across the North Fork of the North Fork of the Yuba River on Commercial Street in the Town of Downieville, Sierra County, Calif.

Plans and specifications may be obtained from the above office upon the deposit of \$1.00. * 21

BIDS OPENED

HUMBOLDT CO., Calif.—E. E. Smith, 1636 B Street, Eureka, at \$31,604 submitted low bid to the State Division of Highways, Engineer, Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a reinforced concrete slab and girder bridge consisting of five 24-ft. 0-in. spans on concrete pile bents and one 40-ft. 0-in. span on concrete bents with spread footings and about fifteen hundredths mile grading and surfacing with plant-mixed surfacing across Bridge creek about 1 1/2

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

miles north of Garberville, Humboldt County.

Work involves:

- (1) 1.0 acres clear and grub;
- (2) 6' each remove and grub Redwood trees, Size 1;
- (3) 3' d. Size 2;
- (4) 2' d. Size 3;
- (5) 1' each remove Redwood trees Size 1;
- (6) 1' only remove exist. bridge;
- (7) 1/2' Al. galv. water;
- (8) 3,600 c.y. rdwy. excav., unclassified;
- (9) 6' 5' c.v. struc. excav.;
- (10) 1,800 c.y. imported borrow;
- (11) 8 sta. finth rdwy.;
- (12) 4'0 tons min. agg. plant mix surfacing;
- (13) 20 tons liq. asphalt. SC-4 plant mix surfacing;
- (14) 4 tons liq. asph. SC-1A prime coat;
- (15) 4 tons asph. emulsion seal coat;
- (16) 45 tons screen seal coat;
- (17) 65,000 lbs. bar reinf. steel;
- (18) 347 c.y. of Class A Portland cement conc. struc.;
- (19) 200 lbs. bronze expansion plates;
- (20) 700 lf. furnish cast in place concrete piles;
- (21) 20 each drive steel shells;
- (22) 144 lf. 12-in. CMP;
- (23) 144 lf. 18-in. CMP;
- (24) 90 lf. lumber rail;
- (25) 1' only detour bridge;
- (26) 3' each culvert markers;
- (27) 9' each monuments;
- (28) 1 lot misc. items of work.

The State will furnish CMP, electric steel couplers and taper inlet.

Total bids follow:

- (A) E. D. Smith, 1636 B Street, Eureka, \$31,604.00.
- (B) Robert McCarthy, San Francisco, \$79,658.00.

Unit prices follow:

	(A)	(B)
(1)	500.00	1000.00
(2)	70.00	300.00
(3)	130.00	500.00
(4)	250.00	800.00
(5)	50.00	300.00
(6)	1000.00	500.00
(7)	2.00	2.00
(8)	.50	.60
(9)	3.00	4.00
(10)	.75	.60
(11)	1.00	12.50
(12)	6.60	4.00
(13)	20.00	20.00
(14)	30.00	20.00
(15)	50.00	25.00
(16)	7.00	4.00
(17)	.06	.05
(18)	23.00	30.00
(19)	.50	.50
(20)	1.00	3.00
(21)	140.00	130.00
(22)	.50	1.00
(23)	.50	1.00
(24)	2.50	5.00
(25)	2035.00	2400.00
(26)	3.00	2.50
(27)	4.00	6.00
(28)	890.00	900.00

BIDS WANTED

SANTA CLARA CO., Calif.—Until September 12, 11:00 A. M. bids will be received by the Santa Clara Co. Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the repair of the Metcalf Road Bridge over the Coyote Creek in Supervisor's District No. 1 and 2, Santa Clara Co., Calif.

Plans and specifications may be obtained from the above office, upon the deposit of \$1.00. * 21

BIDS OPENED

SIERRA CO., Calif.—Paul J. Tyler, P. O. Box 206, Oroville, at \$99,666 submitted the only bid to the State Division of Highways. C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacto, for construction of one 120 ft. steel truss span on concrete piers, and two 49-ft. girder spans on concrete bents across the North Fork of the North Fork of the Yuba River at Downleville, and approximately 0.5 miles grading, surfacing with untreated crushed gravel or stone and applying seal coat, Sierra Co.

Work Involves:

- (1) Jump sum—clearing and grubbing;
- (2) 350 cu. yds. removing concrete;
- (3) 225 M. gals. water;
- (4) 10,000 cu. yds. roadway excav. without class.
- (5) 1,350 cu. yds. structure excav.;
- (6) 137,000 sta. overhaul;
- (7) 25 sta. finishing roadway;
- (8) 140 cu. yds. salvage surfacing;
- (9) 640 cu. yds. untreated crushed gravel or stone;
- (10) 7 tons of liquid asphalt, SC-2 (prime coat);
- (11) 6 tons liquid asphalt SC-4 (seal coat);
- (12) 46 cu. yds. sand (prime and seal coat);
- (13) 112,000 lbs. bar reinforcing steel;
- (14) 224 cu. yds. Class "A" Portland cement concrete footing blocks;
- (15) 590 cu. yds. Class "A" Portland cement concrete structures;
- (16) 152,000 lbs. structural steel;
- (17) 2610 lbs. cast steel;
- (18) 402 lin. ft. steel railing;
- (19) 9000 FBM Douglas Fir timber;
- (20) 1,500 cu. yds. heavy riprap;
- (21) 2850 sq. yds. slow protection material;
- (22) 12 lin. ft. 12-inch CMP;
- (23) 12 lin. ft. 18-inch CMP;
- (24) 48 lin. ft. 24-inch CMP;
- (25) 3 each removing and resetting headwalls;
- (26) 38 lin. ft. removing and salvaging pipe culvert.
- (27) 4 each culvert markers;
- (28) 7 each monuments;
- (29) 1 lot misc. items of work;

Unit prices follow:

(1)	.....	1000.00
(2)	.....	6.00
(3)	.....	2.00
(4)	.....	1.25
(5)	.....	9.00
(6)	.....	.015
(7)	.....	12.50
(8)	.....	3.00
(9)	.....	3.50
(10)	.....	30.00
(11)	.....	30.00
(12)	.....	3.00
(13)	.....	.65
(14)	.....	22.00
(15)	.....	28.00
(16)	.....	.08
(17)	.....	.30
(18)	.....	8.00
(19)	.....	125.00
(20)	.....	4.00
(21)	.....	4.75
(22)	.....	2.00
(23)	.....	3.00
(24)	.....	4.00
(25)	.....	56.00
(26)	.....	3.00
(27)	.....	3.00
(28)	.....	5.00
(29)	.....	1480.00

LOW BIDDERS

SANTA BARBARA and SAN LUIS OBISPO COUNTIES, Calif.—E. G. Perham, 1128 Stearns Drive, Los Angeles, at \$10,320, submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 3rd Figuera Street, San Luis Obispo, for reconstruction of a timber bridge across Cuyama River and grading and

surfacing with plant-mixed surfacing the west approach, about 35 miles east of Santa Maria, Santa Barbara and San Luis Obispo Counties, Calif. Three low bids follow:

- E. G. Perham, 1128 Stearns Drive, L. A., \$10,320.00.
- Thorsten and Dahl, L. A., \$10,845.44.
- S. A. Cummings, San Diego, \$14,428.50.

Complete bids will be published shortly. * 21

AWARD RECOMMENDED

MARIPOSA CO., Calif.—John Rocca, Box 444, San Rafael, at \$148,099 was recommended for an award of contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for constructing bridges on Section A1 of Route 3, the Big Oak Flat Road, a length of 0.117 miles, Yosemite National Park, Mariposa County. * 21

BIDS WANTED

TUOLUMNE CO., Calif.—Until Sept. 12, 1:30 P. M. bids will be received by the Tuolumne County Board of Supervisors, Court House, Sonora, for the construction of a concrete bridge across the Stanislaus River, at Parrots Ferry about 4.5 miles north of Columbia, consisting of three spans; one 100-ft. and two 70-ft. side spans, having a clear roadway width of 20-ft.; or an alternate, for a steel bridge consisting of three spans, one 125-ft. and two 62½-ft.

Plans and specifications may be obtained from the above office. Robert Strauch, County Surveyor. * 21

BIDS WANTED

HUMBOLDT CO., Cal.—Until Sept. 13, 11:00 A. M. bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for construction of a bridge across Eel River near Shively, Humboldt County, Calif.

Plans and specifications may be obtained at the office of the County Surveyor. * 21

22—DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

MARION CO., Ore.—Until Sept. 6, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland under Bid No. 698-39-96, for clearing, bank sloping, gravel borrow, excavation Type 1 and excavation Type 2, and the construction of approximately 3,400 feet of rock riprap revetment located at 3 sites in the lower 2½ miles of the Santiam River in the Lower Santiam District Improvement Company, Marion County, Oregon.

- Work involves:
- Location No. 1**
 - (1) 5 acres clearing;
 - (2) 27,600 c.y. excavation, Type 2.
 - Location No. 3**
 - (3) 2 acres clearing;
 - (4) 1,100 c.y. bank sloping;
 - (5) 17,000 c.y. excavation, Type No. 1.
 - (6) 63,900 c.y. gravel borrow;
 - (7) 26,490 tons stone for riprap revetment, in place.
 - Location No. 4**
 - (8) 3 acres clearing;
 - (9) 28,000 c.y. gravel borrow.
- Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 22

CONTRACT AWARDED

LONG BEACH, Calif.—Warren Southwest, Inc., 215 E. 25th Street, L. A., at \$125,714 awarded contract

by the Long Beach Harbor Commissioners, 130 S. Pico Ave., Long Beach, for constructing a timber wharf, doing certain dredging and furnishing and placing rock riprap. * 22

BIDS OPENED

YAMHILL Co., Ore.—Edelfesen-Weygandt Co., Portland, Oregon, at \$65,326.50 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 698-39-82, for clearing, bank sloping, gravel excavation, and the construction of approximately 2,400 feet of rock riprap revetment, located in the Yamhill County District Improvement Co. No. 1, Yamhill County, at Grand Island, Willamette River, 69 miles above its mouth, Yamhill Co., Ore.

- Work involves:
- (1) 3.0 acres clearing;
 - (2) 500 c.y. bank sloping;
 - (3) 22,000 c.y. gravel excavation;
 - (4) 24,525 tons rock riprap, in place.

- Total bids follow:
- (A) Edelfesen-Weygandt Co., Portland, \$65,326.50.
 - (B) Parker-Schram Co., Portland, \$74,163.75.
 - (C) Joblin & Eldon, Portland, \$77,748.50.
 - (D) Jacobsen-Jensen Co., Portland, \$85,857.50.
 - (E) Kuckenberg Const. Co., Portland, \$85,725.00.
 - (F) C. T. Malcom, Portland, \$87,003.75.
 - (G) A. C. Greenwood Co., Inc., Portland, \$89,075.00.
 - (H) Contracting officer's estimate, \$78,864.50.

Unit prices follow:

(1)	(2)	(3)	(4)	
(A).....	300.00	40	2.26	
(B).....	250.00	50	2.75	
(C).....	500.00	.50	2.74	
(D).....	260.00	.50	3.10	
(E).....	300.00	.50	3.00	
(F).....	250.00	.40	3.15	
(G).....	600.00	1.00	3.00	
(H).....	195.00	.40	4.5	2.78

BIDS WANTED

SAN FRANCISCO, Calif.—Until September 14, 3:00 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Hetch Hetchy Water Supply Contract No. 179, for riprap facing at San Joaquin Valve House.

Plans and specifications may be obtained from Room 600, 425 Mason St., upon the deposit of \$10.00. * 22

BIDS WANTED

MARION CO., Ore.—Until Sept. 7, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, Oregon, under Bid No. 698-39-98, for clearing, bank sloping, gravel excavation, gravel borrow and construction of approximately 3,250 l.f. stone riprap revetment, located in the Lower Santiam District Improvement Company, Location No. 2, Marion County, Oregon.

- Work involves:
- Location No. 2**
 - (1) 1 acre clearing;
 - (2) 300 c.y. sand sloping;
 - (3) 15,000 c.y. gravel excavation;
 - (4) 700 c.y. gravel borrow;
 - (5) 19,230 tons stone for riprap revetment, in place.
- Plans and specifications may be obtained from the above office. * 22

BOND ELECTION

WATSONVILLE, Santa Cruz Co., California.—The City of Watsonville

will vote bonds September 27 in the amount of \$70,000 proceeds to finance construction of a new levee system. 22

August 26, 1938

CONTRACT AWARDED

CLATSOP COUNTY, Ore. — Dolan onst. Co., Tillamook, at \$16,641.10 awarded contract by the U. S. Engineer Office, Dist. Engr., 628 Pittock Block, Portland, under Bid No. 698-39-43, for the construction of approx. 312 l.f. of new levee, construction of one 5-channel concrete tide box with automatic drainage gates, and the excavation of approximately 440 l.f. of drainage canal, all situated in Drainage District No. 1 and Blind Slough Diking District in the northeastern part of Clatsop Co., Ore. * 22

25—MACHINERY AND EQUIPMENT

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 9664, Reg. No. 13,365, for one 10-foot dual drive, Diesel powered, pneumatic tired motor-grader with scarifier; fob Fruitvale, Oakland.

Bids were:
Caterpillar Tractor Co., \$4,364.35, disc. \$500, 20 days.
Spears Wells Machinery Co., \$6046, 2%, 30 days.

Knox Hale Machinery Co., \$4195.
Harron Rickard and McCone Co., \$4976, \$79.83, 30 days. Alternate \$5064. * 25

CONTRACT AWARDED

YAKIMA PROJECT, Wash.—Communication Equip. & Engr. Co., Chicago, at \$2194 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1096-D, for furnishing and delivering radio apparatus consisting of transmitters, alternators and misc. equipment for use on the Yakima Project, Washington. 25

BIDS OPENED

SAN FRANCISCO, Calif.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-80, for ventilators, shafting and screen; f.o.b. Fort Cronkhite: 25

Bids were:
Melrose Sheet Metals Co., \$91, 2%, 10 days.

LaHave Mfg. Co., \$98, 2%, 30 days.
W. R. Ames, \$116, 2%, 30 days.
City Cornice Co., \$160.96, 3%, 10 days.
Independent Iron Works, \$216, ½ of 1%, 10 days. 25

BIDS OPENED

SAN FRANCISCO, Calif.—Board of Public Works of the City of Palo Alto, at \$12.00 per hour, total \$4800, submitted only bid to the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-79, for rental of one cutter-head pipe-line dredge for 400 hours, use in dredging Petaluma Creek, Calif. 25

BIDS OPENED

SAN LUIS OBISPO, Calif.—Bradley Truck Co., 410 E. Boone St., Santa Maria, at \$4.50 per hour submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the rental of one oil distributor truck for use on State High-

ways in the vicinity of Lompoc, in District V.

Lamb Transportation Co., Long Beach, at \$6.50 per hour submitted only other bid. 25

BIDS OPENED

ALPINE COUNTY, Calif.—Valley Tractor and Equipment Co., Modesto, at \$3.50 per hour, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of one full diesel operated tractor, equipped with Masters hydraulic angle-dozer, not less than 45 drawbar h.p., for use in Alpine county.

Lee A. Phillips Inc., Brentwood, at \$4.08 per hour submitted only other bid. 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, C. L. Brainerd, Asst. Procurement Officer, 1022 Phelan Bldg., under Bid No. 1341, for furnishing two rock sinker drills. F.O.B. (1) San Francisco; (2) Fresno.

Bids were:
Chicago Pneumatic Tool Co., (1) \$364, (2) \$364, net, 1 day deliv.
Leitch & Co., (1) \$364, (2) \$364, net, 1 day deliv.

Edward R. Bacon Co., (2) \$400, net, 3 days deliv.

Sullivan Machy Co., (1) \$368, (2) \$368, net, 1 day deliv.

Knox-Hale Machinery Co., (1) \$356, (2) \$356, net, 10 days deliv.

Rix Co., (1) \$364, (2) \$364, net, 2 days deliv.

Worthington Pump & Mach. Co., (1) \$400, (2) \$400, net.

Independent Pneumatic Tool Co., (1) \$364, net; 1 day deliv.

Hardsegg Wonder Drill Co., (1) \$360, (2) \$360, 5% 30 days, 5 days deliv.

Ingersoll-Rand Co., (2) \$384, net, 1 day deliv.

Gardner-Denver Co., (2) \$380, net, 1 day deliv. * 25

BIDS OPENED

ALPINE CO., Calif.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for the rental of equipment, as follows:

(1) one 1½-c.y. gasoline operated shovel equipped with dragline boom and 1½-c.y. dragline bucket
(2) one to four 5-c.y. or larger water level dump trucks.

Bids were:
Isbell Construction Co., Reno, (1) \$9.50 per hr., (2) \$4.00, moving time, no charge.

K. I. Dowdy, San Francisco, (1) \$12, (2) \$3.00, moving time, \$200. * 25

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—Puget Sound Machinery Depot, Seattle, Wash., at \$208,585 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 789, for furnishing and delivering 40 102-in. diameter welded plate-steel conduit linings with pipe supports, pipe plugs for grouting, flange stud bolts, and field-welding electrodes and 880 anchor bolts for the outlet works at Grand Coulee Dam, Columbia Basin Proj., Wash. 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for 6 centrifugal 6-in. self-priming pumps, 90,000 gph. capacity, trailer-mounted, deliv. to Riverside Dr. and Allen St., Griffith Park, Invit. 97, opened by U. S. Engineer, L. A., were:

Heller Pipe & Machy. Co., (Sterling), \$4,194; 2% 10 days.

American Pump Co., distributors for Sterling Machy Co., (80 MC), \$4668; (90M), \$5118; 2% 20 days.
Carlinghouse Bros. (Novo), (09M), \$5032; 4% 20 days.
Lee & Thatro Equip. Co., (Barnes), \$5274; 2% 20 days.
Smith Booths Usher Co., (Jaeger), \$5397.78; 2% 30 days.
Harron, Rickard & McCone Co., (Gorman-Rupp), \$5430; 5% 20 days.
Lelto-Rix Machy. Co., (Marlow), \$5670; 2% 10 days.
Brown-Bevis Equipment Co., (Rex), \$5790. 25

BIDS OPENED

EL CENTRO, Imperial Co., Calif.—Bids for furnishing a Diesel powered shovel, ¾-yd. capacity, full turn hoist, opened by the Board of Supervisors of Imperial County, El Centro, are:

Hanson Clutch & Machinery Co., (Harry Collins, L. A., local distributor)—19,300 lbs. mchc. \$5990; 19,000 lbs. \$5700; 20,000 lbs. \$7285. Dic. not mentioned.

Southwest Equipment Co.—Michigan truck shovel, ¾-yd., \$8300.

R. L. Muirhead, L. A.—Diesel Osgood—\$6850; 5% 20 days.

Brown-Bevis Equipment Co.—¾-cy. 5d. Diesel Bay City—\$7000; tax extra; 5% 30 days.

Harron, Rickard & McCone—Diesel Inslay—\$6819; 3% 10 days.

Speeder Machy. Corp.—¾-yd. Speeder f.o.b. Calexico—\$6930; 3% sales tax; disc. \$490 30 days.

Northwest Engrg Co.—¾-yd. Northwest—\$8720; disc. and tax not mentioned.

Harnischfeger Sales Corp.—P. & H. Model 10—\$6520; add 3% sales tax; disc. \$300 90 days, or \$368 15 days.

LeRoi-Rix Machy Co.—¾-yd. \$7038; tax and disc. not mentioned.

Smith Booth Usher Co.—No. 55 Byers—\$7994; 2% 15 days; add sales tax.

Crook Co.—Bucyrus-Erie—\$7385.10, incl. sales tax; 2% 20 days. 25

BIDS OPENED

SAN MATEO AND SANTA CRUZ COS., Calif.—Following submitted bids to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV., Room 211, State Bldg., San Francisco, for rental of (1) one ¾ to 1 c.y. crawler type power shovel and (2) four 4 c.y. capacity pneumatic tired dump trucks, (a) hand loading, (b) bunker loading, (c) power loading; for approximately 500 hours work in San Mateo and Santa Cruz Counties, Calif.

Bids were:
Wm. Kern and D. C. Kemp, (1) \$6.50, (2a) \$2.60, (2b) \$3, (2c) \$3.

K. I. Dowdy & L. C. Smith, (1) \$6.75, (2a) \$2.64, (2b) \$2.85, (2c) \$2.85
Manuel F. Cunha and Chas. W. Eggle, (1) \$5.85, (2a) \$2.65, (2b) \$2.80 (2c) \$3.00. 25

BIDS OPENED

SANTA CLARA AND SANTA CRUZ COS., Calif.—Following submitted bids to the State Division of Highways, Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Rm. 211, State Bldg., San Francisco, for the rental of one truck mounted shovel un-equipped with both shovel dipper and clamshell or not less than 4710 cy capacity for approximately 500 hours work in Santa Clara and Santa Cruz Counties.

Bids were:
Pacific Truck Service Inc., San Jose, \$3.94.

C. E. Huls, Merced, \$4.15.
Bengel & Son, Pasadena, \$4.95.

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-59-45, for rental of equipment with operating personnel or use on levee and misc. work along the easterly levee of Feather River in Reclamation District No. 10 northly from Marysville as follows:

- 1) One RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit, and LeTourneau, or equal, bulldozer and LeTourneau scraper of 12 c.y. capacity with operating personnel for 200 hours use.
- 2) One RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit and LeTourneau scraper of 12 c.y. rated capacity with operating personnel for 200 hours use.
- 3) One roofer, LeTourneau Type S, or equal, for 25 days.
- 4) One water truck without operator, equipped with water tank of not less than 100 gal. capacity and with road sprinkling devices for 25 days.
- 5) Mobilization and delivery of equipment for:
 - (a) Item 1.
 - (b) Item 2.
 - (c) Item 3.
 - (d) Item 4.

Total bids follow:
 N. M. Ball Sons, Berkeley, (1) \$10.50, (2) \$9.50, (3) no bid, (4) \$12, (5) (a) 75, (b) 75, (d) \$20.
 Rock & Gravel Trucking Co., Oakland, (1) \$3.40, (2) \$9, (3) \$7.60, (4) \$20, (5) (a) \$250, (b) \$250, (c) no charge, (d) no charge.
 Guerin Bros., S. F., (1) \$9.50, (2) \$9.35, (3) \$7.50, (5) (a) \$60, (b) \$60, (c) \$20.
 Portola Truck Service, S. F., (4) \$9.49, (5) no charge.
 R. E. Campbell, (1) \$9.50, (2) \$7.75, (3) \$8, (4) \$24, (5) (a) \$300, (b) \$275, (3) \$25, (4) \$50.
 Hemstreet and Bell, Marysville, (1) \$8, (2) \$7.50, (3) \$5, (4) \$10, (5) (a) \$20, (b) \$20, (c) \$5, (d) no charge.
 G. Willis & Son Inc., L. A., (1) \$6.95, (2) \$6.95, (5) (a) \$150, (b) \$150.

BIDS WANTED

BOISE PROJECT, Idaho.—Until Sept. 14, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1116-D, for furnishing and delivering five radial gates and five radial-gate holists for the Black Canyon canal and "D" line canal, Payette division, Boise Project, Idaho; for shipping point and/or railroad destination. Gates and holists will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$1.75, not returnable.

CONTRACT AWARDED

COLORADO PROJECT—Minneapolis-Moline Power Implement Co., Minneapolis, at \$12,600 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1087-D, for furnishing and delivering materials for two steel warehouse buildings, one for the Government Headquarters at Estes Park, Colo., and one for the Government Camp at Green Mountain Dam, Colorado—Bid Thompson Project. 25

BIDS OPENED

SAN LUIS OBISPO, Cal.—Following submitted bids to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San

- Luis Obispo, for furnishing equipment for use at various locations in Dist. V, as follows:
- (1) Two 4-c.y. dump trucks;
 - (2) One 66-bbl. oil tank truck;
 - (3) One 54-bbl. oil tank truck;
 - (4) One 30-h.p. tractor;
 - (5) One 80-h.p. tractor with bulldozer
 - (6) One 50-h.p. tractor;
 - (7) One 8-ton tandem roller;
 - (8) One 8-ft. ton grader;
 - (9) One 5-tooth scarifier (Ventura or equal).

Bids were:
 R. B. Snow, Santa Maria, (1) \$2.60 each.
 John Fesler, Santa Maria, (4) \$4.50, (5) \$4.50, (6) \$5.50, (8) \$1.00.
 S. Tedesco, Huntington Park, (1) 2 at \$2.19 each and 2 at \$2.59 each.
 Bradley Truck Co., Santa Maria (1) \$3.00 each; (3) \$4.00.
 L. A. Brisco, Arroyo Grande, (1) \$2.85 each, (2) \$3.50, (3) \$3.50, (5) \$4.40, (6) \$3.50, (7) \$4.00, (8) \$1.00.
 Chas. W. Beguhl, Milbrae, (1) 2 at \$2.90 each and 2 at \$3.20 each.
 K. T. Dowdy, San Francisco, (1) \$2.79 each.

BIDS OPENED

ALAMEDA CO., Calif.—W. H. Talbott, Albany, at \$4.00 per hour submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., San Francisco, for the rental of one 3/4 cubic yd. power shovel for approximately 90 hours work in the vicinity of Emeryville, Alameda Co., Calif.

Total bids follow:
 W. H. Talbott, Albany, \$4.00 per hr.
 D. C. Kemp, 4.75.
 A. D. Robison, \$6.00.
 A. J. McCosker, 6.25.
 Pans Bros., \$7. 25

CONTRACT AWARDED

OAKLAND, Calif.—The Ross Carrier Co., 611 Howard St., San Francisco, at \$4,400 awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing and delivering one lumber carrier to Ninth Avenue Terminal, Oakland. 25

CONTRACT AWARDED

MARE ISLAND, Calif.—Elliott Company, Jeanette, Pa., at \$34,635 awarded contract by the U. S. Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8818, for turbo alternators. 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 4th St., S. F., for furnishing misc. supplies and equipment for use on WPA projects:
 BID No. 5922—Monolith Portland Cement; \$1675; \$0.63; 2 1/2 c per sack—30; Port. cement.
 BID No. 5951—Monolith Portland Cement; \$630; \$0.63; 2 1/2 c per sack—30; Port. cement.
 BID No. 5939: Smith L. C., \$837.20; 2%—10th prox; lumber.
 BID No. 5933—United Pipe and Supply; \$874.61; 2%—30; pipe and fittings.
 BID No. 5928—United Pipe and Supply; \$295.92; 2%—30; pipe and fittings.
 BID No. 5926—Bakersfield Bldg. Mat.; \$1056.56; net; lumber.
 BID No. 5925—Calif. Elec Supply Co.; \$216.69; various disc.; elec. supplies.
 BID No. 5923—Henry Cowell Lime & Cement; \$0.63; \$378; net; Port. cement.

BID No. 5922—Calrock Asphalt Co.; \$619.20; 2%—20; asphalt.
 BID No. 5919—Zellerbach Paper Co.; \$2.59; 400 rolls roofing.
 BID No. 5918—E. D. Seif, \$453.10; 2%—30; lumber.
 BID No. 5916—Calif. Conc. Prod.; \$647.85; 5%—20; conc. pipe.
 BID No. 5919—United Conc. Pipe Co.; \$4260; 5%—30; conc. pipe.
 BID No. 5893—Evans Auto and Truck Rental; \$130; net; truck.
 BID No. 5883—Smith L. C.; \$391.04; 2%—10th prox.; douglas fir lumber. * 27

CONTRACTS AWARDED

for furnishing misc. materials and equipment for use on WPA projects:
 BID No. 5844 (Plate glass); Habeneicht & Howland; \$1,010.99; 2% 30.
 BID No. 5905 (Culvert and couplers) Western Pipe & Steel, \$325.60; 1/2% 20.
 BID No. 5906 (Culvert and couplers) Western Pipe & Steel, \$341.27; 1/2% 20.
 BID No. 5907 (Cement): Readymix Concrete Co., Ltd., \$545, 2 1/2 c sack 30.
 BID No. 5908 (Lumber): Smlth Lbr Co., \$412.32, 2% 10th prox.
 BID No. 5911 (Crushed rock): G. Mazera, \$542.50, 3% 30.
 BID No. 5912 (Concrete sand): Consumers Rock & Cement Co., \$525, 10c ton 30.
 BID NOS. 5913, 5914 and 5917 (Cement): Henry Cowell Lime and Cement Co., \$640, \$550 and \$320 net. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID No. 5854—(3 flat bed trucks), R. A. Ward, one at \$120 month net; Lerer Bros., two at \$150 mo. each, net.
 BID No. 5879—(Channel steel and metal lath) (1) J. S. Guerin, \$2.75 cwt., 2% 30; (2) Golden Gate Atlas Materials, \$0.23 sq. yd. 2% 30.
 BID No. 5889—(Culvert) Western Pipe and Steel Co., \$1,002, 1/2% 20.
 BID No. 5902—(Culvert) Consolidated Pipe Co., \$2,747.11, 1/2% 20.
 BID No. 5909—(Emulsified asphalt) Hayward Bldg. Supply Co., \$603-.24 net.
 BID No. 5910—(Crushed rock) Consumers Rock & Cement Co., \$883, 10c ton 30. * 27

CONTRACTS AWARDED

SAN FRANCISCO, Calif.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:
 Bid No. 5920: Gladding McBean; \$558.02; 2%—30; sewer pipe.
 Bid No. 521: Dahlmann Supply; \$2925.82; 2%—30; steel pipe and fittings. * 27

CONTRACT AWARDED

SAN FRANCISCO.—Henry Cowell Lime and Cement, at \$2.60 (total \$520) awarded contract by the U. S. Treasury Dept., 49 Fourth St., San Francisco for furnishing 200 bbls. Portland cement for use on WPA project. * 27

29—STREETS AND HIGHWAYS

BIDS WANTED

LOS ANGELES CO., Calif.—Until September 22, 2:00 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State High-

CONTRACT AWARDED

SACRAMENTO, Calif.—McGillivray Construction Co., P. O. Box 873, Sacramento, at \$6,925.50 awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of V. St. from the easterly curb of 39th St. to the easterly line of 42nd St. in the City of Sacramento. 29

LOW BIDDERS

PHOENIX, Maricopa County, Ariz.—Phoenix-Tempe Stone Co., Phoenix, at \$13,851.58 submitted low bid to the Phoenix City Commission for the improvement of certain streets in the City of Phoenix.

Three low bids follow:

Phoenix-Tempe Stone Co., Phoenix, \$13,851.58.
Arizona Sand & Rock Co. \$132,391.44.
Oswald Bros., Los Angeles, \$132,749.12 29

CONTRACT AWARDED

NAPA COUNTY, Calif.—E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo, at \$53,056.50 submitted low bid and was awarded contract by the Napa County Board of Supervisors, Court House, Napa, for construction of two concrete bridges and surfacing 15 miles of County Road.

Total bids follow:

E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo, \$53,056.50.
J. R. Reeves, Sacramento, \$56,113.50.
Heafey-Moore Co., Oakland, \$59,115.60.
B. H. Miles, \$57,152.
Pacific States Constr. Co., San Francisco, \$58,867.
Claude C. Wood, Stockton, \$65,162.10. 29

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Calif.—W. O. Tyson, Box 888, Redwood City, Submitted low bid and awarded contract by the Redwood City Council, B. E. Myers, City Clerk, for grading Nevada Street, between Brewster Ave. and Hopkins Ave. and constructing combined cement concrete curbs and gutters.

Complete bids will be published shortly. 29

BLUE PRINTS AVAILABLE

way Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on September 14, and in Los Angeles on September 15, 1938.

Following is a list of blue prints and prices:

II-Sis-Feeder. Between Calahan and Fort Jones. Bids to be opened in Sacramento: none.

III-Sac-Feeder. Undergrade crossing under the tracks of the SFRR about 4 miles N. E. of Ben Ali Sta. Bids to be opened in Sacramento: PLANS—No. of Sheets, 16; cost \$2.40; total, \$2.40.

V-SBT-119-E. Bet. Paicines and Tres Pines. Bids to be opened in Sacramento: PLANS—No. of Sheets, 7; cost, \$0.50; total \$0.50.

VII-LA.-4-LA. Overhead xing over the tracks of the S. P. on Daly St. at Alhambra Ave. Bids to be opened in Los Angeles: PLANS—No. of Sheets, 9; cost, \$0.90; total \$0.90.

VIII-Riv-26-D. At Whitwater River Bridge. Bids to be opened in Los Angeles: PLANS—No. of Sheets, 7; cost, \$0.20; CROSS-SECTIONS—No. of Sheets, 11; cost, \$1.10; total, \$1.30.

XI-S.-D.-12-LMsa. B. Bet. Oakley Ave. in La Mesa and Grossmont. Bids to be opened in Los Angeles: PLANS—No. of Sheets, 22; cost, \$2.20; CROSS-SECTIONS—No. of Sheets, 121; cost, \$12.10; total \$14.30.

Requests for the above plans, specifications and proposal form must

be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. 29

BIDS WANTED

PIMA COUNTY, Ariz.—Until Sept. 9, 10 A. M. bids will be received by the Arizona Highway Commission, Phoenix, for highway improvement on FAS 120-C (1) (1939), AFE 8510, Ajo-Gila Bend Highway. The work, which begins at Ajo and extends northerly about 4½ mi. consists of grading, draining and bitum. treated base course, and is to be completed on or before Mar. 15, 1939. The approximate quantities are:

- (1) 22,500 c.y. roadway excavation;
- (2) 13,600 c.y. drainage excavation;
- (3) 47,600 c.y. imported borrow (CIP);
- (4) 13,100 c.y. selected material base course (CIP);
- (5) 3,700 tons aggregate base course (CIP);
- (6) 3,600 c.y. stripping pits;
- (7) 3,400 M. gals sprinkling;
- (8) 840 hrs. rolling;
- (9) 206 c.y. class A concrete;
- (10) 20,600 lbs. reinforcing steel;
- (11) 1,520 lin. f. CMP (4 sizes);
- (12) 85,700 gals. road oil, SC2;
- (13) 4.75 lin. processing bitum. treated base course.

Plans and specifications may be obtained from the engineer, Howard S. Reed, State Highway Engineer. Certified or cashier's check for 5% must accompany each proposal. 29

BIDS WANTED

SAN BENITO, MONTEREY, SAN LUIS OBISPO AND SANTA BARBARA COUNTIES, Calif.—Until Sept. 13, 2:00 P. M. bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for about 820 miles traffic stripe to be applied to existing pavement at various locations in District V, San Benito, Monterey, San Luis Obispo and Santa Barbara counties, Calif.

Plans and specifications may be obtained from the above office. 29

BIDS OPENED

SACRAMENTO AND OTHER Counties, Calif.—Al W. Simmonds, 3400 J Street, Sacramento, at \$3173 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 "B" St., Marysville, for about 663 miles of traffic stripe to be applied to the existing pavement at various locations in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada counties.

Work involves:—

- (1) 7 miles traffic stripe spotting;
- (2) 625 miles 4-in. white traffic stripe painting;
- (3) 20 miles 3-inch white do;
- (4) 10 miles 3-in. black do;
- (5) 8 miles 3-inch orange do.

Unit prices follow:
(1) \$6, (2) \$4, (3) \$6, (4) \$6, (5) \$6. 29

BIDS OPENED

MARIPOSA AND TUOLUMNE Counties, Calif.—Hayward Bldg. Supply Co., 941 Jackson St., Hayward, at \$524 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, S. F., for placing bituminous surface treatment on 8,637 miles, Section A1, Route 4, Tioga Road, Yosemite National Park, Mariposa and Tuolumne Cos. Work Hayward Bldg. Supply Co., 941 Jack-

son St., Hayward, \$17.20 per ton involves: 305 tons slow curing asphalt (Type SC-1A) for bituminous treatment.

Total bids follow:
total \$5246.

J. P. Breen, Sacramento, \$17.33, total \$5285.65.

Hayward Bldg. Material Co., Hayward, \$18.40, total \$5612.

Oilfields Trucking Co., Bakersfield, \$19.93, total \$6078.65.

A. A. Thieslau, Berkeley, \$22.95, total \$6999.75.

Garcia Constr. Co., Irvington, \$26; total \$7930. 29

BIDS WANTED

SAN FRANCISCO.—Until Sept. 21 2:00 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a portion of the State Highway between Lake Street and Golden Gate Bridge Approach in the City of San Francisco, consisting of about 2.1 miles grading, including approximately 1300 feet of reinforced concrete tunnel construction.

Work involves:

- (1) 15 acres clear and grub;
- (2) 4,600 M. gals. water;
- (3) 3,000 c.y. remove conc.;
- (4) 1 lot remove and reconstruct golf course facilities;
- (5) 1 lot protecting 12-in. water main;
- (6) 1 lot remove exist pump house;
- (7) temporary foot bridge;
- (8) 310,000 c.y. roadway excav. without class;
- (9) 1,900 c.y. trench excav. fill treatment;
- (10) 21,500 c.y. struct. excav.;
- (11) 146,000 c.y. tunnel and retaining wall backfill;
- (12) 3,000 c.y. trench backfill fill treatment;
- (13) 40,000 c.y. mud removal;
- (14) 6,100,000 sq. yds. overhaul;
- (15) 95 sta. finish roadway;
- (16) 2,860 sq. yds. prepare subgrade;
- (17) 1,075 tons crusher run base;
- (18) 300 tons broken stone bitum. macadam;
- (19) 16 tons liq. asph. 90-95 bitum macadam;
- (20) 400 tons asph. conc. type A surface.

29

- (21) 480 c.y. class A Port. cem. conc. pavement;
- (22) 21,000 c.y. class A Port. cem. conc. structures;
- (23) 2,900,000 lbs. bar reinf. steel;
- (24) 10,000 lbs. misc. steel;
- (25) 440 lin. 12-in. CMP;
- (26) 310 lin. 15-in. CMP;
- (27) 1,160 lin. 18-in. CMP;
- (28) 12,200 lf. 8-in. pref. metal pipe underdrains;
- (29) 1,000 c.y. rock filling material underdrains;
- (30) 850 lf. 12-in. double strength glazed vit. clay pipe;
- (31) 880 lf. 15 double strength glazed vit. clay pipe;
- (32) 1,150 lf. 18-in. double strength glazed vit. clay pipe;
- (33) 900 lf. 30-in. double strength glazed vit. clay pipe;
- (34) 34 each frames and grates for drop inlets;
- (35) 11 each manhole frames and covers;
- (36) Furnish and install 18-in. gate valve;
- (37) 450 lf. brick gutters;
- (38) 160 lf. lam. timber guard rail;
- (39) 13,000 sq. yds. water proofing;
- (40) 13,350 lbs. copper strips;
- (41) 1,750 lf. 4-in. cast iron pipe drains;
- (42) 1 lot elec. conduit and fittings;
- (43) 1 lot misc. items of work;
- (44) 10 each monuments.

Plans and specifications may be obtained from the above office.

29

29

29

29

29

29

29

Plans and specifications may be obtained from the above office.

BIDS WANTED

ELKO COUNTY, Nevada - Until Sept. 16, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 1.813 miles grading and constructing a bridge on Section E of Route 18, Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev.

Work involves:

- (1) 11 acres clearing;
(2) 11 acres grubbing;
(3) 42,600 cu. yds. unclass. excav.;
(4) 320 cu. yds. unclass. excav. for structures;
(5) 6400 cu. yds. unclass. excav. for borrow;
(6) 84,000 sta. yds. overhaul;
(7) 4200 cu. yds. m. borrow haul;
(8) 30 cu. yds. foundation fill;
(9) 1.803 miles finishing earth graded road;
(10) 37 cu. yds. Class A concrete;
(11) 127 cu. yds. Class D concrete;
(12) 38,500 lbs. reinforcing steel;
(13) 1 M. ft. BM untreated timber including bridge iron;
(14) 958 lin. ft. corr. galv. sheet metal pipe;
(15) 85 cu. yds. hand laid riprap;
(16) 8 each right of way monuments, Type A;
(17) 1 each cattle guard;
(18) 98 lin. ft. remove and relay or stockpile existing corr. metal pipe.

Plans and specifications may be obtained from the above office upon the deposit of \$10.

BIDS WANTED

WHATCOM CO., Wash.—Until Sept. 14, 10:00 A. M. bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving a four-span treated timber pile trestle of variable width at Station 556, approximately 0.0192 miles; and surfacing 0.2134 miles on trestle and approaches, and resloping, Mt. Baker Highway Project 6-A9, National Forest Road Project, Whatcom Co., State of Wash.

Work involves:

- (1) 1,520 cu. y. unclassified excav.;
(2) 32 M ft. BM treated timber, creosote preservative including bridge iron;
(3) 450 lf. treated timber piling.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

BIDS WANTED

LYON CO., Nev.—Until Sept. 9, 1:30 P. M. bids will be received by the Nevada State Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nev., for the construction of a roadmix bituminous surface on approximately 12.10 miles of the State Highway System from 8 1/4 miles north of Wabuska to junction with U. S. Route 50, Routes 2B and LB, Section B and A, Lyon County, Nev.

Work involves:

- (1) Force account roadside cleanup;
(2) 76 tons liquid asphalt, Type RC2 (seal);
(3) 948 tons liquid asphalt, SC2, (roadmix);
(4) 12.07 miles roadmix;
(5) 18 each roadmix intersections;
(6) 97 each culvert markers;
(7) 89 each guide posts.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nev.; or from the District office of the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00, \$5.00 of which will be refunded.

VENTURA COUNTY—CHANNEL EXCAV.—(COUNTY)

VENTURA COUNTY, Calif.—Norman I. Fadel, 445 N. Formosa Ave., Los Angeles, at \$37,920.15 submitted low bid and was recommended for award of contract by the Ventura County Supervisors for channel excavation, levees, and slope facing, Santa Paula Creek Flood Damage Project, Ventura County.

Work involves:

- (1) 19,240 c.y. excavation;
(2) 2500 c.y. excavation and haul to waste bank;
(3) 15,000 c.y. excavation & haul to waste bank;
(4) 2500 c.y. excavation and haul to waste bank;
(5) 41,055 c.y. excav. and embank;

Table with columns (A) through (J) and rows of bid amounts for various items.

- (6) 1080 c.y. masonry rubble type 2 and 3 levee;
(7) 115 c.y. concrete;
(8) 8400 lbs. reinf. steel type 3 levee
(9) 60,000 sq. ft. No. 6 6x6 galv. wire mesh;
(10) 1760 c.y. dry rubble.
Total bids follow:
(A) Norman I. Fadel, \$37,920.15.
(B) C. G. Willis & Sons, Inc., \$39,-\$35.20.
(C) Oneal & Smith, \$41,364.00.
(D) J. E. Haddock, Ltd., \$45,715.66.
(E) J. F. Immel, \$47,893.00.
(F) Macco Const. Co., \$47,948.90.
(G) C. R. Butterfield-Kennedy Co., \$49,897.75.
(H) Dimmitt & Taylor, \$51,751.75.
(I) Geo. J. Bock Co., \$54,421.75.
(J) S. Edmondson & Sons, \$58,819.95.

Unit prices follow:

Table with columns (A) through (J) and rows of unit prices for various items.

MARIPOSA COUNTY—TUNNEL LINING—(GOV'T)

MARIPOSA COUNTY, Calif.—John Rocca, Box 444, San Rafael, at \$119,515 submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing tunnel lining and running on Section A5 of Route 3, the Big Oak Flat Road, a length of 0.393 mile, Yosemite National Park, Mariposa County.

Work involves:

- (1) 2,560 cu. y. Class A concrete;
(2) 185,000 lbs. reinforcing steel;
(3) 6,400 lbs. copper flashing;
(4) 260 cu. y. gunite;
(5) 2,300 cu. y. back packing;
(6) Force account: removing timber sets;
(7) Force account: maintenance of Coulterville Road.

Total bids follow:

Table with columns (A) through (H) and rows of bid amounts for various items.

- fael, \$119,515.
(B) Ralph A. Bell, Monrovia, \$122,-470.00 (less 4% discount if also awarded bridge job Section A1, Mariposa Co.)
(C) Union Paving Co., San Francisco, \$129,640 (less 8% disc. if also awarded bridge job).
(D) Stroud - Seabrook, Bakersfield, \$130,530.
(E) Gates & Huntley, Los Angeles, \$151,120 (less 2% disc. if also awarded bridge job).
(F) Gibbons & Reed Co., Burbank, \$151,485 (less 2% disc. if also awarded bridge job).
(G) Barrett & Hilp, San Francisco, \$158,955.
(H) United Concrete Pipe Corp., Los Angeles, \$164,470 (less 7% disc. if also awarded bridge job).

Unit prices follow:

Table with columns (A) through (H) and rows of unit prices for various items.

SAN CARLOS, San Mateo Co., Cal.—Plazza and Huntley, 195 N. 6th St., San Jose, at \$21,334.50 submitted low bid and awarded contract by the Bank of America, office of J. W. Rutherford, 1250 San Carlos Ave., San Carlos, for the following work:

- (1) 96,800 sq. ft. roadway section;
(2) 4,000 c.y. grading roadway section;
(3) 5,400 lf. concrete gutter;
(4) 8,700 lf. 6-in. sanitary sewer;
(5) 550 lf. 4-in. sanitary sewer;
(6) 65 6x4 Y branches;
(7) 44 red burnt brick manholes;
(8) 550 lf. 10-in. storm sewer;
(9) 630 lf. 12-in. storm sewer;
(10) 13 catchbasins;

Table with columns (A) through (F) and rows of bid amounts for various items.

- (11) 8,500 lf. 2x4 headerboard;
(12) 136,500 sq. ft. paving, consisting of 5-in. local rock macadam base with oil and screening wearing surface.

Total bids follow:

- (A) Plazza & Huntley, 195 N. 6th St., San Jose, \$21,334.50.
(B) L. C. Smith, San Mateo, \$23,151.
(C) Pacific States Construction Co., S. F., \$23,457.25.
(D) Harvey E. Conner, Redwood City, \$25,194.05.
(E) W. J. Tobin, Oakland, \$29,905.00.
(F) John F. White, Oakland, (partial bid).

Unit prices follow:

Table with columns (A) through (F) and rows of unit prices for various items.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Collins & Martin, Route No. 1, Box 866, San Jose, at \$4103 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of three reinforced concrete culverts on Farrell Avenue, Roman Avenue and K Avenue, in Supervisor's Dist. No. 1, Santa Clara County.

Total bids follow:
Collins & Martin, Route No. 1, Box 866, San Jose, \$4103.

George C. Renz, Gilroy, \$4180.
Carl N. Swenson Co., San Jose, \$4747.
Dan Caputo, San Jose, \$4749.
Bert Ward & Son, San Jose, \$4672.

AWARD RECOMMENDED

MARIPOSA AND TUOLUMNE Counties, Calif.—Hayward Bldg. Supply Co., 941 Jackson St., Hayward, at \$5246 was recommended for an award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, S. F., for placing bituminous surface treatment on 8,637 miles, Section A1, Route 4, Tioga Road, Yosemite National Park, Mariposa and Tuolumne Cos.

• 29

CONTRACT AWARDED

SACRAMENTO, Calif.—J. R. Reeves, P. O. Box 1072, Sacramento, at \$0.06 per sq. ft. submitted low bid and was awarded contract by the Board of Education of the Sacramento City Unified School District, School Administration Building, 21st and L Streets, Sacramento, for laying approximately 45,000 feet 3-inch cementing road rock with a one-inch armor coat wearing surfacing parking area at the Junior College, and approximately 26,000 feet of the same at the McClatchy High School, Sacramento.

Total bids follow:
J. R. Reeves, P. O. Box 1072, Sacramento, \$0.06 per sq. ft.
A. Teichert & Son, Inc., Sacramento, \$0.065 per sq. ft.

McGillivray Const. Co., \$0.0675 per sq. ft.
Lee Lempz, \$0.069 per sq. ft.
E. F. Hilliard, \$0.07 per sq. ft.
Bricotolini Sand and Gravel Co., \$0.08 per sq. ft.

• 29

BIDS OPENED

OAKLAND, Calif.—Union Paving Company, 212 Babcock Bldg., S. F., at \$3.65 per ton submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for surfacing Lakeshore Ave. from East 12th St. to the Embarcadero, from Embarcadero to Lakeshore Ave. and from Grand Ave. to Vernon, Oakland.

Work involves:
(1) 3,780 tons asphalt concrete surfacing;
(2) 3,780 tons emulsified asphalt premix.

Total bids follow:
Union Paving Co., 212 Babcock Bldg., S. F., (1) \$3.65 per ton.
W. H. Larson, Oakland, (1) \$3.747.
Independent Const. Co., Ltd., Oakland, (1) \$3.84.
Heafey-Moore Co., Oakland, (2) \$3.95.
Ransome Co., Emeryville, (1) \$4.06.

BIDS WANTED

SANTA CLARA CO., Calif.—Until Sept. 12, 11:00 A. M. bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for construction of two reinforced concrete retaining walls on Lincoln

LAKE COUNTY—GRAVING & SURFACING—(STATE)

LAKE COUNTY, Calif.—J. L. Connor & Sons, Hotel Serra, Monterey, at \$69,456.50 submitted low bid to the State Division of Highways, C. H. Merrill, State Highway Engineer, Public Works Building, Sacramento, for about 2 1/2 miles of grading and surfacing with untreated crushed gravel or stone and applying seal coat between Le Trianon and Scott Valley Road, Lake Co.

- Work involves:
(1) 20 acres clear and grub;
(2) 1,740 M. gals. water;
(3) 123,300 c.y. rdwy. excav., unciass.
(4) 1,550 c.y. struc. excav.
(5) 370 c.y. ditch and channel excav
(6) 222,000 sta. yds. overhaul;
(7) 12,900 c.y. imported borrow;
(8) 111 sta. finish rdwy.;
(9) 4,820 c.y. untreated crushed gravel or stone surf.;
(10) 69 tons liq. asph. SC-1A prime coat;
(11) 46 tons asph. emulsion seal loact;
(12) 540 c.y. screenings, seal coat;
(13) 1,900 lbs. bar reinf. steel;
(14) 48 c.y. Class A Portland cement concrete struc.;
(15) 670 lf. 8-in. CMP;
(16) 80 lf. 12-in. CMP;
(17) 1,130 lf. 18-in. CMP;
(18) 280 lf. 24-in. CMP;

- (19) 72 lf. 30-in. CMP;
(20) 1,200 lf. 8-in. perf. metal pipe;
(21) 280 c.y. rock filling material;
(22) 12 each remove headwalls;
(23) 30 lf. remove and relay existing pipe culverts;
(24) 180 lf. remove and salvage do;
(25) 11 each spillway assemblies;
(26) 14 each frames and gratings for drop inlets;
(27) 55 each culvert markers;
(28) 102 each guide posts;
(29) 0.40 mile new property fence;
(30) 1 each drive gates;
(31) 92 each monuments;
(32) 720 lf. rubble masonry pier and chain rail with curb.

Total bids follow:
(A) J. L. Connor & Sons, Hotel Serra, Monterey, \$69,456.50.
(B) Hemstreet and Bell, Marysville, \$78,390.60.
(C) Fredericksen and Westbrook, Lowerlake, \$79,208.00.
(D) N. M. Ball Sons, Berkeley, \$81,917.60.
(E) Poulos and McEwen, Sacramento, \$84,070.50.
(F) Harms Bros. & Larson Bros., Sacramento, \$89,621.00.
(G) J. R. Reeves, Sacramento, \$106,493.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	100.00	100.00	110.00	150.00	125.00	175.00	175.00
(2)	1.00	1.25	1.00	1.00	.75	.50	1.50
(3)	.26	.26	.27	.33	.32	.36	.45
(4)	1.26	1.30	1.40	1.40	1.75	2.00	2.00
(5)	.60	1.00	1.40	1.00	1.00	1.00	2.00
(6)	.005	.01	.008	.01	.005	.005	.01
(7)	.80	1.00	.86	.70	.95	.60	1.00
(8)	5.00	5.00	6.00	5.00	5.00	7.00	5.00
(9)	1.50	1.50	1.68	1.30	1.70	1.50	1.45
(10)	14.00	20.00	15.00	16.00	15.00	20.00	20.00
(11)	20.00	23.00	24.00	18.00	25.00	25.00	30.00
(12)	2.50	3.50	3.50	3.50	4.00	4.00	4.00
(13)	.06	.06	.10	.08	.10	.10	.06
(14)	25.00	30.00	39.00	30.00	35.00	30.00	30.00
(15)	.95	1.05	1.10	1.00	1.00	1.00	1.40
(16)	1.20	1.40	1.30	1.20	1.50	1.50	1.50
(17)	1.85	1.80	1.80	1.75	1.70	2.00	2.00
(18)	2.50	3.00	2.70	2.50	3.45	3.00	3.00
(19)	3.00	4.00	3.40	3.30	5.50	4.50	3.50
(20)	.95	1.00	1.00	1.10	.90	1.00	1.40
(21)	2.00	2.50	3.00	2.00	2.00	3.00	4.00
(22)	5.00	5.00	6.00	12.00	10.00	10.00	10.00
(23)	1.00	1.00	.75	.50	1.00	1.00	2.00
(24)	.50	.75	.60	.50	1.00	1.00	2.00
(25)	15.00	15.00	17.00	15.00	15.00	15.00	15.00
(26)	25.00	60.00	55.00	50.00	60.00	50.00	25.00
(27)	1.50	2.50	2.50	2.50	2.00	3.00	2.00
(28)	1.25	2.00	2.50	2.50	2.00	3.00	2.00
(29)	600.00	800.00	720.00	600.00	800.00	600.00	400.00
(30)	20.00	30.00	25.00	20.00	20.00	20.00	25.00
(31)	3.00	3.00	3.00	3.00	2.00	3.00	3.00
(32)	1.50	4.00	5.00	4.00	2.10	8.00	4.00

Ave. and Glen Eyrie Ave. on the Los Gatos Creek, in Supervisor's District No. 4, Santa Clara County, Calif.

Plans and specifications may be obtained from the above office upon the deposit of \$1.00.

• 29

30—RESERVOIRS & DAMS

BIDS OPENED

PASADENA, Los Angeles Co., Cal.—R. M. Price, 2764 Saturn Avenue, Huntington Park, at \$57,085.39 submitted low bid to the Pasadena City Clerk, for the construction of the Sheldon Avenue Reservoir at Arroyo Drive and Conlston Road, Pasadena, a 5,500,000 gallon storage reservoir.

Total bids follow:
R. M. Price, 2764 Saturn Avenue, Huntington Park, \$57,085.39.
Byerts and Dunn., L. A., \$65,559.48.

Osborne Company, \$67,989.00.
C. G. Willis & Son, L. A., \$69,288.14.
H. Mayson, \$71,542.00.

Fred E. Fotts Co., L. A., \$75,030.91.
Grant and Bruner, \$78,489.52.

J. E. Haddock Ltd., Pasadena, \$80,371.32.

J. C. Hickey (bid disqualified), \$91,965.85.

• 30

31—PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO.—A. W. Kitchen & Co., 110 Market St., S. F., at (1) \$416.12, (2) \$366.9, and (3) \$0.85 submitted low bid to the Park Commissioners, B. P. Lamb, Secretary, Park Lodge, San Francisco, for the construction of an intake for the swimming pool at Herbert Fleishacker Playfield, S. F.

Bids taken on:
(1) inshore work; (2) intake work; (3) unit price per bent between inshore and intake.

Bids were:
A. W. Kitchen & Co., 110 Market

St. S. F., (1) \$4416, (2) \$3669, (3) \$1085.
 M. B. McGowan Inc., S. F., (1) \$5750, (2) \$4420, (3) \$12.15.
 Healy-Tibbitts Const. Co., S. F., (1) \$7200, (2) \$3400, (3) \$11.50.

* 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTACT AWARDED

KERN COUNTY, Calif.—Sutalo and Ramjak, 476 Camulos Avenue, Los Angeles, at \$987, submitted low bid and was awarded contract by the Board of Trustees of the Kern County Union High School District, C. F. Moore, Clerk, at the High School, Bakersfield for installing new sewer lines, manholes and cast iron or tile drains for the Shafter High School.

Total bids follow:

Sutalo & Ramjak, 476 Camulos Avenue, L. A., \$987.00.
 Home Alliance Repair, Compton, \$1534.28.
 A. E. Abbott, Bakersfield, \$1649.00.
 A. B. Carter, Avenal, \$1750.00.

* 32

BIDS WANTED

SACRAMENTO, Calif.—Until September 12, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for constructing sewers in William Land Park, Sacramento.

Plans and specifications may be obtained from the above office upon the deposit of \$25.00.

* 32

BIDS WANTED

SACRAMENTO, Calif.—Until September 12, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for constructing sewers in the business district of Sacramento.

Plans and specifications may be obtained from the above office upon the deposit of \$25.

* 32

CONTRACT AWARDED

SAN DIEGO, Calif.—Case Construction Co., Box 6, San Pedro, at \$168,330 awarded contract by the Public Works Office, Headquarters, 14th Naval District, foot of Broadway, San Diego, under Spec. 8705, for extension of sewer and storm drains at the Naval Operating Base (Marine Corps Base and Training Station), San Diego.

* 32

BIDS WANTED

SACRAMENTO, Calif.—As previously reported, until Sept. 12, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento for constructing sewers in the business district of Sacramento.

Work Involves:

- (1) 365 lin. ft. 18-in. V I sewer pipe;
- (2) 1100 lin. ft. 12-in. V I sewer pipe;
- (3) 7 standard manholes;
- (4) 12 gutter drains cut No. 10;
- (5) 20 lin. ft. 8-in. V. I pipe;
- (6) 100 lin. ft. 6-in. V. I pipe;
- (7) 3600 sq. ft. pavement remove;
- (8) 3600 sq. ft. temporary pavement replace.

Plans and specifications may be obtained from the above office upon the deposit of \$25.

* 32

BIDS WANTED

SACRAMENTO, Calif.—As previously reported until Sept. 12, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for constructing sewers in William Land Park, Sacramento.

Work Involves:

MARICOPA CO—HWY. IMPROVEMENT—(STATE)

MARICOPA CO, Arizona.—Oswald Bros., 366 E 58th St., Los Angeles, and P. O. Box 152, Phoenix, at \$91,655.55 submitted the low bid and was awarded contract by the Arizona State Highway Commission, Phoenix for construction of Phoenix-Prescott Highway FA 59 (4) (1939) APE 8904.

The work, which extends northerly about 1 1/2 miles from the San Domingo Wash bridge, consists of grading, draining, aggregate base course and oil processing (SC-4 road mix), and is to be completed on or before Jan. 15, 1939. Work involves:

- (1) 16,497 sq. yds. salvaging and stockpiling oil cake;
- (2) 57,171 c.y. rdwy. excav., unclass.
- (3) 3200 c.y. slides and overbreakage
- (4) 339 c.y. excav. of spandrel fill;
- (5) 1133 c.y. drainage excav., unclass.;
- (6) 1550 lf. crown ditches;
- (7) 2517 c.y. struc. excav., unclass.;
- (8) 23 c.y. removal of old concrete;
- (9) 28,004 sta. yd. overhaul;
- (10) 5379 c.y. m. haul;
- (11) 537 c.y. backfill (abutments), CIP;
- (12) 649 c.y. spandrel fill, CIP;
- (13) 15,884 tons coarse agg. base course, CIP;
- (14) 4932 tons fine do, CIP;
- (15) 2575 M. gals. sprinkling, CIP;
- (16) 641 hours rolling;
- (17) 410 c.y. Class A concrete (inc. cement);
- (18) 35,620 lbs. reinf. steel (bars) CIP
- (19) 2032 lbs. struc. steel (CIP);
- (20) 80 lf. 8-in. perf. CMP (CIP);

- (21) 576 lf. 24-in. CMP (CIP except excavation);
- (22) 82 lf. 30-in. CMP (do);
- (23) 207 sq. ft. 4-in. gunite (filler) (CIP; inc. reinforcing);
- (24) 747 sq. ft. 1/4-in. gunite (finish), CIP;
- (25) 23 lf. copper seal (20 oz.) CIP;
- (26) 15,964 lf. stand. line fence, CIP
- (27) 2 ea. standard wire gates (type 2) CIP;
- (28) 3 ea. do (type 1), CIP;
- (29) 1,000 lf. road guard CIP;
- (30) 168 each grade posts (CIP);
- (31) 24 each R/W markers (type A), CIP;
- (32) 3048 tons mineral agg. (CIP);
- (33) 39,522 gals. road oil (SC-4) (for road mix) CIP;
- (34) 1533 tons relaying old oil mix CIP;
- (35) 1,550 miles processing road mix;
- (36) 67 tons emulsified asphalt (Class A) (for seal coat over new and relaid oil cake) CIP;
- (37) 481 tons screenings (type B) (do)
- (38) 1 lump sum, processing & hauling road mix for stockpile.

Total bids were:

- (A) Oswald Bros., \$91,655.55.
- (B) Pearson & Dickerson Contrs., Inc., Prescott, \$92,502.26.
- (C) Tanner Const. Co., Phoenix, \$95,986.91.
- (D) Phoenix-Tempe Stone Co., Phoenix, \$96,433.90.
- (E) Lewis Bros., Phoenix, \$102,613.16.
- (F) W. E. Orr, Phoenix, \$109,790.32.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$.05	\$.07	.08	.06	.09	.07
(2).....	.66	.75	.75	.68	.87	.94
(3).....	.495	.5625	.5625	.51	.6525	.705
(4).....	1.25	1.50	.70	.70	1.25	.30
(5).....	.25	.30	.40	.25	.28	.30
(6).....	.15	.15	.20	.13	.22	.15
(7).....	1.50	2.00	1.50	2.50	1.25	2.25
(8).....	5.00	10.00	8.00	6.25	11.00	7.00
(9).....	.01	.02	.01	.025	.02	.02
(10).....	.20	.20	.25	.25	.21	.20
(11).....	1.10	.40	.75	.31	.40	1.50
(12).....	1.10	.40	.75	.50	1.00	1.50
(13).....	.55	.40	.45	.62	.43	.52
(14).....	.60	.45	.50	.66	.45	.55
(15).....	1.10	1.00	1.00	.65	1.10	1.00
(16).....	3.00	2.50	3.00	3.10	3.25	2.50
(17).....	24.00	23.00	25.00	24.00	24.00	24.50
(18).....	.055	.05	.06	.05	.07	.05
(19).....	.12	.15	.15	.125	.15	.15
(20).....	1.35	1.00	1.25	1.03	1.50	1.00
(21).....	2.60	2.50	3.00	2.50	3.00	2.70
(22).....	3.25	3.00	3.50	3.20	4.00	3.25
(23).....	2.00	.50	1.20	1.75	1.00	1.00
(24).....	.25	.15	.20	.25	.50	.20
(25).....	1.00	1.00	1.00	.80	2.00	1.00
(26).....	.07	.10	.08	.10	.08	.08
(27).....	5.00	12.00	10.00	6.50	15.00	7.00
(28).....	25.00	20.00	30.00	27.00	28.00	25.00
(29).....	1.35	1.20	1.30	1.45	1.10	1.15
(30).....	2.50	2.00	2.50	2.50	2.10	2.50
(31).....	2.50	2.00	2.50	2.50	2.80	2.50
(32).....	.65	.45	.50	.66	.47	.60
(33).....	.075	.07	.07	.075	.075	.08
(34).....	.50	.55	.50	.38	.85	.60
(35).....	700.00	550.00	600.00	875.00	500.00	400.00
(36).....	30.00	25.00	30.00	30.00	30.00	26.00
(37).....	2.00	2.50	3.50	2.75	2.75	3.00
(38).....	200.00	250.00	300.00	375.00	200.00	100.00

STARK - RATH
 Printing & Publishing Company
 465 Tenth Street - San Francisco, Calif.
 Telephone Market 7110

- (1) 754 lin. ft. 21 in. V I sewer pipe;
- (2) 1358 lin. ft. 15 in. V I sewer pipe;
- (3) 836 lin. ft. 12 in V I sewer pipe;
- (4) 1215 lin. ft. 8 in. V I sewer pipe;
- (5) 830 lin. ft. 6 in. V I sewer pipe;
- (6) 12 manholes;
- (7) 13 gutter drains No. 11;
- (8) 120 sq. ft. remove pavement;
- (9) 120 sq. ft. replace pavement.

Plans and specifications may be obtained from the above office upon the deposit of \$25. * 32

33— WATER WORKS

BIDS WANTED

TUCSON, Pima Co., Arizona—Until Sept. 6, 4 P. M., bids will be received by the Tucson City Council, for the construction of water system improvements under PWA Docket Ariz. 1032-F, Unit 2, in accordance with plans and specifications prepared by John A. Carollo, consulting engineer, Phoenix, and also care of George W. Seeley, city engineer. * 33

BIDS WANTED

WICKENBURG, Maricopa County, Ariz.—Until Sept. 19, 8 A. M., bids will be received by the Wickenburg City Council, for waterworks improvements in accordance with plans and specifications which may be obtained from the office of the Engineers, Headman, Ferguson & Carollo, 319 Homebuilders Bldg., Phoenix.

Work Involves:

- (1) 800 ft. 8-inch cast iron pipe;
- (2) 400,000-gal. elevated steel tank & tower (full tank capacity 30 ft. above base of columns);
- (3) Drilling of a 16-inch well;
- (4) Misc. appurtenances. * 33

BIDS WANTED

NAPA, Calif.—Until Sept. 12, 7:30 P. M. bids will be received by the Napa City Council, Whitfield Griffiths, City Clerk, City Hall, Napa, for constr. of a 24-inch pipe water main of steel pipe, a suspension bridge for carrying pipe across the Napa River, automatic chlorine and ammonia equipment, and a pressure regulator all for the Water System of the City of Napa.

Work involves:

- (1) 4,350 l.f. excavation and backfill;
- (2) 4,530 l.f. 24-inch steel pipe installed complete;
- (3) 2 pressure regulators installed complete;
- (4) Furnishing and installing all cast iron valves and finishing in place, comp.
- (5) 180 l.f. pile driving, in place;
- (6) 22 c.y. excavation for concrete;
- (7) 22 c.y. Class A concrete;
- (8) 64 c.y. Class B concrete;
- (9) 1 bridge complete except piles, excavation and concrete;
- (10) 1 chlorinator and amminator furnished and installed in Building furnished by the City.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 33

BIDS WANTED

SAN FRANCISCO, Calif.— Until September 14, 3:00 P. M. bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Hatch Hitchy Water Supply Contract No.176, for furn. and installing a drainage pump, piping and electrical work at the San Joaquin Valveouse.

Plans and specifications may be obtained from Room 600, 425 Mason St., upon the deposit of \$10.00. * 33

PLACER COUNTY—GRADING & SURFACING—(STATE)

PLACER COUNTY, Calif.—Plazza and Huntley, 195 N. 6th Street, San Jose, at \$46,491.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 1.1 miles of grading and surfacing with plant-mixed surfacing on crusher run base the approaches to the Colfax grade separation, Placer County.

Work Involves:

- (1) 59 sta. clear and grub;
- (2) 1,000 M. gals. water;
- (3) 40,000 c.y. rdwy. excav., unclass.
- (4) 800 c.y. struc. excav.;
- (5) 1,100 c.y. ditch and channel excavation;
- (6) 9,000 sta. yds. overhaul;
- (7) 10,600 mille yards haul;
- (8) 32 c.y. remove concrete;
- (9) 56 sta. finish rdwy.;
- (10) 215 c.y. salvage surf.;
- (11) 4,800 tons crusher run base;
- (12) 2,400 tons min. agg., plant mix surf.;
- (13) 140 tons screen seal coat;
- (14) 46 tons sand prime coat and penetration oil treatment;
- (15) 117 tons liq. asph. ROMC-3 -4 or -5 plant mix surf.;
- (16) 20 tons liq. asph. SC-2 prime coat and penetration oil treat.;
- (17) 15 tons liq. asph. ROMC-3 -4 or -5 seal coat;

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	27.00	30.00	10.00	20.00	20.00	100.00
(2).....	1.50	1.50	1.50	1.50	1.00	1.50
(3).....	.23	.34	.27	.27	.35	.25
(4).....	1.25	1.50	1.90	1.50	1.00	1.50
(5).....	1.00	1.00	.70	1.00	.75	1.50
(6).....	.01	.01	.01	.02	.02	.01
(7).....	.16	.15	.16	.10	.10	.11
(8).....	7.00	7.00	4.00	3.00	2.50	5.00
(9).....	10.00	5.00	7.50	7.00	5.00	6.00
(10).....	.60	.80	.80	1.00	.75	2.50
(11).....	2.70	2.50	2.80	3.00	2.95	3.00
(12).....	2.70	2.75	4.20	4.00	3.90	4.25
(13).....	4.00	3.00	4.00	3.50	3.25	3.25
(14).....	3.00	3.90	3.50	3.00	2.50	3.00
(15).....	15.00	15.00	14.00	14.00	15.00	15.00
(16).....	20.00	16.00	20.00	14.00	15.00	15.00
(17).....	21.00	17.00	22.00	15.00	17.50	20.00
(18).....	25.00	25.00	24.00	26.00	25.00	30.00
(19).....	.05	.06	.06	.06	.06	.06
(20).....	12.00	20.00	20.00	20.00	15.00	15.00
(21).....	1.15	1.00	1.00	1.00	1.00	1.50
(22).....	1.35	1.40	1.40	1.50	1.25	2.00
(23).....	2.00	1.80	2.00	1.75	1.50	2.50
(24).....	3.00	3.00	3.00	3.00	2.50	3.00
(25).....	.75	.75	.75	.60	.50	1.50
(26).....	15.00	15.00	15.00	20.00	20.00	20.00
(27).....	3.00	2.50	3.00	3.00	2.50	5.00
(28).....	2.50	2.30	3.00	3.00	2.50	5.00
(29).....	1.00	1.50	1.20	1.25	1.00	1.00
(30).....	900.00	800.00	800.00	700.00	750.00	1000.00
(31).....	800.00	750.00	750.00	500.00	650.00	1000.00
(32).....	130.00	200.00	100.00	250.00	200.00	500.00
(33).....	35.00	30.00	20.00	25.00	20.00	20.00
(34).....	3.00	3.00	3.00	3.00	3.00	2.50

- (18) 57 c.y. Class A Portland cement conc. struc.;
- (19) 5,100 lbs. bar reinf. steel;
- (20) 5 c.y. rubble masonry;
- (21) 448 l.f. 8-in. CMP;
- (22) 126 l.f. 12-in. CMP;
- (23) 910 l.f. 18-in. CMP;
- (24) 70 l.f. 24-in. CMP;
- (25) 224 l.f. remove and salvage cut vert pipe;

- (26) 8 each spillway assemblies;
- (27) 10 each culvert markers;
- (28) 5 each guide posts;
- (29) 1,100 l.f. laminated guard rail;
- (30) 0.23 mile new property fence Type A;

- (31) 0.45 mile do, Type B;
- (32) 0.60 mile remove and dispose of fences;
- (33) 3 each drive gates;
- (34) 52 each monuments.

Total bids follow:
(A) Piazza and Huntley, 195 N. 6th Street, San Jose, \$46,491.80.

(B) Hemstreet and Bell, Marysville \$50,179.40.

(C) Mountain Construction Co., Sacramento, \$50,853.90.

(D) Pacific States Const. Co., S. F., \$51,508.90.

(E) Independent Const. Co., Oakland \$52,065.75.

(F) M. J. Ruddy, Modesto, \$59,291.50

Unit prices follow:

34— PARKS AND PLAY GROUNDS

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until Sept. 12, 1 P. M., (postponed from Sept. 6) bids will be received by the United States Golden Gate International Exposition Commission, Geo. Creel, Commissioner, at 200 Bush St., San Francisco, for performing all work and providing and paying for materials, labor, tools, equipment, transportation, and other facilities necessary for landscape treatment around a building located on Treasure Island, Yerba Buena Shoals.

Plans and specifications may be obtained at Room 1400, 200 Bush St.,

San Francisco, upon deposit in cash or certified check of \$50, returnable, payable to George Creel, Commissioner.

(491) 1st report Aug. 25, 1933. * 34

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1 Drum St., S. F., at \$1,806.85, total \$3808, and (2) \$0.43, total \$5760, submitted only bid to the San Francisco Department of Public Works, Room 251, City Hall, for construction of a sand beach at Aquatic Park, Polk and Beach Sts.

- Work involves:
- (1) 5,600 c.y. removal of material now in place on existing beach;
 - (2) 12,000 c.y. pumping and discharging suitable sand on beach.

Plans and specifications may be obtained at Room 1400, 200 Bush St., * 34

5— TUNNELS

BIDS WANTED

CENTRAL VALLEY PROJ., Calif.—As previously reported until September 21, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Building, Sacramento, under Spec. No. 796, for the construction of earthwork, tunnels and structures for the Southern Pacific Railroad relocation, milepost 58.63 to milepost 272.68, Kennett division, Central Valley Project, Calif. Items of work and estimated quantities follow:

Schedule No. 1

Earthwork and structures, station 051+34.70 to station 4250+00 (except Sacramento River bridge).

- (1) 41 acres clearing right-of-way;
- (2) 417,000 c.y. excav. common, for roadway;
- (3) 115,000 c.y. excav. rock, for roadway;
- (4) 1,230,000 sta. c.y. overhaul;
- (5) 3,100 M. gals. water for moistening embankment materials;
- (6) 500 roller-hours rolling embank;
- (7) 4,000 c.y. excav., com for struc;
- (8) 1,000 c.y. excav. rock for struc;
- (9) 150 c.y. concrete in headwalls for pipe culverts and siphons;
- (10) 490 c.y. concrete in box culverts;
- (11) 1,420 c.y. concrete in arch culv;
- (12) 450 c.y. concrete in overhead crossings;
- (13) 275,500 lbs. placing reinf bars;
- (14) 200 s.y. special finishing of concrete surf;
- (15) 2,700 sq. yds. waterproofing concrete surf;
- (16) 1,200 c.y. riprap;
- (17) 300 s.y. dry-rock paving;
- (18) 6,600 c.y. backfill;
- (19) 5,500 c.y. compacting backfill;
- (20) 42 l.f. laying 18-in. diameter corrugated metal pipe;
- (21) 110 l.f. laying 24-in. diam. corrugated metal pipe;
- (22) 50 l.f. laying 30-in. diam. corrugated metal pipe.

- (23) 36 l.f. laying 36-in. diam. corrugated metal pipe;
- (24) 52 l.f. laying 42-in. diam. corrugated metal pipe;
- (25) 180 l.f. laying 48-in. diam. corrugated metal pipe;
- (26) 130 l.f. laying 54-in. diam. corrugated metal pipe;
- (27) 36 l.f. laying 18-in. diam. concrete pipe;
- (28) 260 l.f. laying 24-in. diam. concrete pipe;
- (29) 90 l.f. laying 30-in. diam. concrete pipe;
- (30) 268 l.f. laying 36-in. diam. concrete pipe;
- (31) 180 l.f. constr. 8-in. diam. perforated-pipe track drains;
- (32) 122,000 lbs. erecting structural steel in overhead crossing;
- (33) 5.0 M. ft. b.m. constr. timber railings for overhead crossings;
- (34) 1,000 lbs. installing misc metal-work;
- (35) 4.0 mi. constr. barbed-wire right-of-way fences;
- (36) 2.0 mi. constr. woven-wire right-of-way fences;
- (37) 4 gates—installing right-of-way fence gates;
- (38) 2 aprons—constr. timber aprons only for cattle guards;
- (39) 1 crossing—constr. automobile crossing, complete with aprons.

Schedule No. 2

- Earthwork and structures, station 4250+00 to station 4451+00.
- (40) 50 acres clearing right-of-way;
- (41) 136,300 c.y. excav. common, for roadway;
- (42) 226,500 c.y. excav. rock for roadway;
- (43) 1,360,000 sta. c.y. overhaul;
- (44) 3,400 M. gals. water for moistening embankment materials;
- (45) 500 roller-hours rolling embank;
- (46) 4,100 c.y. excav. common, for struc;
- (47) 2,900 c.y. excav. rock, for struc;
- (48) 265 c.y. concrete in headwalls for pipe culverts and siphons;
- (49) 1,180 c.y. concrete in box culv;
- (50) 770 c.y. concrete in arch culv;
- (51) 790 c.y. concrete in underpass;
- (52) 416,000 lbs. placing reinf bars;
- (53) 340 s.y. special finishing of concrete surf;
- (54) 4,700 s.y. waterproofing concrete surf;
- (55) 900 c.y. riprap;
- (56) 450 s.y. dry-rock paving;
- (57) 8,500 c.y. backfill;
- (58) 7,500 c.y. compacting backfill;
- (59) 50 l.f. laying 24-in. diam. corrugated metal pipe;
- (60) 548 l.f. laying 30-in. diam corrugated metal pipe;
- (61) 50 l.f. laying 36-in. diam. corrugated metal pipe;

- (62) 314 l.f. laying 48-in. diam. corrugated metal pipe;
- (63) 258 l.f. laying 60-in. diam. corrugated metal pipe;
- (64) 434 l.f. laying 24-in. diam. concrete pipe;
- (65) 486 l.f. laying 30-in. diam. concrete pipe;
- (66) 438 l.f. laying 36-in. diam. concrete pipe;
- (67) 252 l.f. constr. 8-in. diam. perforated pipe track drains;
- (68) 400 l.f. installing 4-in. diameter sewer-pipe drains in walls of underpasses;
- (69) 4.0 M. ft. b.m. erecting timber in underpasses and highway bridge;
- (70) 1,700 lbs. installing misc. metal-work;
- (71) 6.5 mi. constr. barbed-wire right-of-way fences;
- (72) 3.0 mi. constr. woven-wire right-of-way fences;
- (73) 8 gates—installing right-of-way

Continued on Page 30

COCHISE CO., ARIZ.—HWY. IMPROVEMENT (STATE)

- COCHISE COUNTY, Ariz.—Phoenix-Tempe Stone Co., Phoenix, at \$80,969.45 submitted low bid and was awarded contract by Arizona State Highway Commission, Phoenix, for construction of Ft. Huachuca-Bisbee Highway FA 133-C (1) (1939) A F E 2905. The work, which extends from the town of Don Luis southwest about 4½ miles, consists of grading, draining aggregate base course and cutback road mix, and is to be completed on or before Jan. 15, 1939. The work involves:
- (1) 48,326 c.y. rdwy. excav., unclass.
- (2) 4017 c.y. drainage do;
- (3) 2700 l.f. grader ditches;
- (4) 9600 l.f. crown ditches;
- (5) 1297 c.y. struc. excav., unclass.;
- (6) 66,298 sta. yd. overhaul;
- (7) 4974 c.y. mi. haul;
- (8) 2646 c.y. imported borrow, CIP;
- (9) 26,628 c.y. select material, CIP
- (10) 10,438 tons agg. base course, CIP
- (11) 2983 M. gals. sprinkling, CIP;
- (12) 841 hours rolling;
- (13) 727 c.y. Class A conc., including cement;
- (14) 63,450 lbs. reinf. steel (bars) CIP
- (15) 560 l.f. 24-in. CMP (CIP except excavation);
- (16) 284 l.f. 30-in. CMP (do);
- (17) 650 l.f. 36-in. CMP (do);
- (18) 350 c.y. plain riprap, CIP;
- (19) 35 c.y. rock basket riprap, CIP;
- (20) 1 each cattle guard (CG-1) (25-ft. rdwy.) (CIP except excav. and concrete);

- (21) 46,692 l.f. standard line fence, CIP;
- (22) 31 ea. stand. wire gates (type 2) CIP;
- (23) 83 ea. gulde posts, CIP;
- (24) 24 ea. R/W markers (type "A") CIP;
- (25) 7413 tons mineral agg. CIP;
- (26) 383 tons cutback asph. (MC-4) (for road mix), CIP on road;
- (27) 4,488 miles processing road mix;
- (28) 874 tons screenings (CIP on rd.)
- (29) 122 tons emulsified asph. (Class A for seal coat) CIP on road;
- (30) 1 lump sum, reconstr. stock reservoir (outside R/W at Station 1690);
- (31) 300 tons stockpiling dry agg., CIP.

- Total bids were:
- (A) Phoenix-Tempe Stone Co., \$80,969.45.
- (B) Tanner Const. Co., Phoenix, \$80,953.31.
- (C) Pearson & Dickerson Contrs., Inc. Prescott, \$81,628.84.
- (D) Warren Southwest, Inc., Los Angeles, \$87,161.14.
- (E) Lee Moor Contr. Co., El Paso, Texas, \$88,502.27.
- (F) Daley Corp., San Diego, \$90,725.38.
- (G) Heuser & Garnett, Holbrook, Ariz., \$111,740.23.
- (H) W. E. Hall Const. Co., Phoenix, \$112,846.67.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$.15	\$.185	\$.25	\$.25	\$.26	\$.30	\$.50	\$.42
(2)		.23	.185	.25	.30	.26	.34	.50
(3)		.025	.05	.06	.03	.04	.06	.05
(4)		.06	.05	.09	.09	.10	.12	.10
(5)		.90	1.00	1.70	1.03	.80	1.45	1.25
(6)		.0125	.01	.01	.015	.01	.01	.02
(7)		.24	.20	.21	.27	.20	.15	.25
(8)		.20	.26	.23	.20	.32	.25	.30
(9)		.26	.28	.27	.30	.32	.25	.33
(10)		.58	.40	.45	.50	.55	.52	.60
(11)		1.10	1.20	1.15	2.00	1.50	1.50	2.25
(12)		3.00	3.00	2.75	2.00	2.75	2.75	3.00
(13)		18.00	18.00	17.00	18.75	19.00	20.20	21.00
(14)		.055	.05	.05	.05	.05	.05	.06
(15)		2.65	3.00	2.30	2.50	2.75	2.50	2.50
(16)		3.25	4.00	2.85	3.00	3.50	3.25	3.25
(17)		5.00	5.00	4.00	5.00	5.00	5.10	5.25
(18)		1.80	2.00	1.90	2.50	2.50	2.30	4.00
(19)		2.40	2.50	4.00	7.50	4.00	3.50	4.00
(20)		475.00	500.00	456.00	500.00	525.00	445.00	500.00
(21)		.07	.07	.085	.07	.065	.085	.08
(22)		4.80	7.00	11.00	12.00	3.50	6.50	3.00
(23)		2.20	2.50	2.00	2.25	2.50	2.25	2.50
(24)		2.20	2.50	2.00	2.25	2.50	2.75	2.50
(25)		.78	.80	.57	.75	.80	.68	.65
(26)		21.00	19.00	19.00	18.50	20.00	20.55	25.00
(27)		600.00	500.00	450.00	350.00	450.00	400.00	500.00
(28)		2.30	3.00	2.25	2.50	2.60	3.10	4.03
(29)		30.00	30.00	28.00	27.50	28.00	28.50	33.00
(30)		30.00	60.00	250.00	30.00	50.00	100.00	250.00
(31)		1.20	.50	.66	1.00	.55	1.00	.60

- fence gates;
- (74) 6 aprons—constr. timber aprons only for cattle guards;
- (75) 6 crossings—constr. automobile crossings, complete with aprons.
- Schedule No. 3
- Earthwork and structures, station 4481+00 to station 4628+00.
- (76) 32 acres clearing right-of-way;
- (77) 42,300 c.y. excav. common, for roadway;
- (78) 297,800 c.y. excav. rock, for roadway;
- (79) 1,641,000 sta. c.y. overhaul;
- (80) 3,100 M. gals. water for moistening embankment materials;
- (81) 500 roller-hours rolling embank;
- (82) 1,100 c.y. excav. common, for struc;
- (83) 1,100 c.y. excav. rock for struc;
- (84) 75 c.y. concr. in headwalls for pipe culverts and siphons;
- (85) 1,380 c.y. concr. in box culverts;
- (86) 199,200 lbs. placing reinf. bars;
- (87) 50 sq. yds. special finishing of concr. surf.;
- (88) 2,600 sq. yds. waterproofing concr. surf.;
- (89) 1,000 c.y. riprap;
- (90) 250 sq. yds. dry-rock paving;
- (91) 4,700 c.y. backfill;
- (92) 4,600 c.y. compacting backfill;
- (93) 50 lin. ft. laying 24-in. diam corrugated metal pipe;
- (94) 50 lin. ft. laying 30-in. diam. corrugated metal pipe;
- (95) 36 lin. ft. laying 36-in. diam. corrugated metal pipe;
- (96) 38 lin. ft. laying 60-in. diam. corrugated metal pipe;
- (97) 40 lin. ft. laying 24-in. diam. corrugated concrete pipe;
- (98) 116 lin. ft. laying 30-in. diam. corrugated concrete pipe;
- (99) 256 lin. ft. laying 36-in. diam. concrete pipe;
- (100) 216 lin. ft. construction 8-in. diam. perforated-pipe track drains;
- (101) 3.5 miles constr. barbed wire right-of-way fences;
- (102) 2.0 miles constr. woven-wire right-of-way fences;
- (103) 6 gates—installing right-of-way fence gates;
- (104) 2 aprons—constr. timber aprons only for cattle guards;
- (105) 1 crossing—constr. automobile crossing, complete with aprons;

SCHEDULE NO. 4

- Earthwork and structures, station 4628+00 to station 4711+00.
- (106) 22 acres clearing right-of-way;
- (107) 12,200 c.y. excav. common, for rdwy;
- (108) 312,200 c.y. excav. rock for rdwy;
- (109) 3,347,000 sta. c.y. overhaul;
- (110) 3,300 M. gals. water for moistening embank materials;
- (111) 500 roller-hours rolling embank;
- (112) 1,100 c.y. excav. common, for struc.;
- (113) 1,100 c.y. excav. rock, for struc;
- (114) 100 c. y. concrete in headwalls for pipe culverts and siphons;
- (115) 430 c.y. concrete in box culverts;
- (116) 1,040 c.y. concrete in arch culverts;
- (117) 159,500 lbs. placing reinf. bars;
- (118) 50 sq. yds. special finishing of concrete surf.;
- (119) 2,100 sq. yds. waterproofing concrete surf.;
- (120) 400 c.y. riprap;
- (121) 300 sq. yds. dry-rock paving;
- (122) 3,900 c.y. backfill;
- (123) 3,700 c.y. compacting backfill;
- (124) 48 lin. ft. laying 24-in. diam. corrugated metal pipe;
- (125) 50 lin. ft. laying 30-in. diam. corrugated metal pipe;
- (126) 50 lin. ft. laying 36-in. diam. corrugated metal pipe;
- (127) 430 lin. ft. laying 48-in. diam. corrugated metal pipe;
- (128) 40 lin. ft. laying 12-in. diam. concrete pipe;
- (129) 126 lin. ft. laying 24-in. diam. concrete pipe;
- (130) 82 lin. ft. laying 30-in. diam.

- concrete pipe;
- (131) 126 lin. ft. laying 36-in. diam. concrete pipe;
- (132) 216 lin. ft. constr. 8-in. diam. perforated-pipe track drains;
- (133) 2.5 mi. constr. barbed-wire right-of-way fences;
- (134) 1.0 mi. constr. woven-wire right-of-way fences;
- (135) 4 gates—installing right-of-way fence gates;
- (136) 2 aprons—constr. timber aprons only for cattle guards;
- (137) 1 crossing—constr. automobile crossing, complete with aprons;
- SCHEDULE NO. 5
- Earthwork, tunnels and structures, station 4711+00 to station 4793+00.
- (138) 8 acres clearing right-of-way;
- (139) 1,100 c.y. excav. common, for rdwy.;
- (140) 55,000 c.y. excav. rock, for rdwy.;
- (141) 1,000 sta. c.y. overhaul;
- (142) 500 M. gals. water for moistening embank materials.
- (143) 100 roller-hours rolling embank;
- (144) 450 c.y. excav. common, for struc.;
- (145) 550 c.y. excav. rock, for struc.;
- (146) 107,400 c.y. excav. all classes, in tunnels;
- (147) 638,100 lbs. furnishing and installing permanent steel tunnel supports;
- (148) 113 M ft. bm. furnishing and erecting permanent timbering in tunnels;
- (149) 1,000 lin. ft. constr. 8-in. diam. longitudinal tunnel drains;
- (150) 50,000 lbs. installing metal drain and weep pipes in tunnels;
- (151) 3,200 lin. ft. drilling weep holes in tunnels;
- (152) 24,000 c.y. concrete in tunnel lining except in inverts;
- (153) 950 c.y. concrete in tunnel inverts;
- (154) 1,400 c.y. concrete in tunnel portals;
- (155) 40 c.y. concrete in headwalls for pipe culverts and siphons;
- (156) 250 c.y. concrete in box culverts;
- (157) 1,519,000 lbs. placing reinforcement bars;
- (158) 600 sq. yds. special finishing concrete surf.;
- (159) 500 sq. yds. waterproofing concrete surf.;
- (160) 100 c.y. riprap;
- (161) 350 sq. yds. dry-rock paving;
- (162) 1,500 c.y. backfill;
- (163) 900 c.y. compacting backfill;
- (164) 38 lin. ft. laying 30-in. diam corrugated metal pipe;
- (165) 50 lin. ft. laying 36-in. diam corrugated metal pipe;
- (166) 86 lin. ft. laying 30-in. diam concrete pipe;
- (167) 342 lin. ft. laying 36-in. diam concrete pipe;
- (168) 36 lin. ft. constr. 8-in. diam perforated-pipe track drains;
- (169) 22,800 lin. ft. installing electrical conduits in tunnels;
- (170) 1,000 lbs. installing misc. metal work;
- (171) 2.5 mi. constr. barbed-wire right-of-way fences;
- (172) 1.0 mi. constr. woven-wire right-of-way fences;
- (173) 2 gates—installing right-of-way fence gates;

SAN DIEGO AND IMPERIAL COS.—GRADING.—(State)

SAN DIEGO and Imperial Counties, Calif.—A. S. Vinnell Co., 1100 Westminster Avenue, Alhambra, at \$237,962 (Alternate A) submitted low bid to the State Div. of Hiways, C. H. Purcell, State Highway Engr., State Bldg., Los Angeles, for grading and applying road-mix surface treatment on about 2.6 miles between Boulder Park and Mountain Springs, San Diego and Imperial Counties.

Work involves:

- (1) clear and grub;
 - (2) remove buildings;
 - (3) 13,650 M. gals. water;
 - (4) 237,000 c.y. rdwy. excav., unclass.
 - (5) 1,600 c.y. ditch and channel excavation;
 - (6) 3,400 c.y. struc. excav.;
 - (7) 481,000 sta. yds. overhaul;
 - (8) 19,500 c.y. imported borrow;
 - (9) 1,060 c.y. remove concrete;
 - (10) 135 sta. finish rdwy.;
 - (11) 34 tons liq. asph. SC-2 prime coat;
 - (12) 400 tons liq. asph. SC-3 or SC-4 road mix surf. treatment;
 - (13) 63,000 sq. yds. prepare, mix and shape road mix surf. treatment;
 - (14) 2,500 lbs. bar reinf. steel;
 - (15) 50 c.y. Class A Portland cement concrete struc.;
 - (16) 564 lf. 8-inch CMP;
 - (17) 312 lf. 18-inch CMP;
 - (18) 1,814 lf. 24-inch CMP;
 - (19) 38 lf. 3-inch CMP;
 - (20) 384 lf. 36-inch CMP;
 - (21) 206 lf. 36-inch CMP, 10 gauge;
 - (22) 62 lf. remove and relay pipe culverts;
 - (23) 228 lf. remove and salvage pipe culverts;
 - (24) 135 lf. 105-in. multi-plate CMP, 67-15;
 - (25) 19 each, spillway assemblies;
 - (26) 83 each culvert markers;
 - (27) 48 ea. remove and salvage guide posts and culvert markers;
 - (28) 62 each monuments;
- Alternative Cribbing Items
Alt. "A" Metal Cribbing
- (29) 50 ea. 6x6-in. x 4-ft. metal headers:
- (30) 1,220 each 6x6-in. x 6-ft. do
- (31) 15 each, 6x6-in. x 8-ft. do
- (32) 10 each 6x6-in. x 8-ft. meta stepback headers:
- (33) 10 each metal header spacers;
- (34) 32 each metal header inserts;
- (35) 810 each metal header caps;
- (36) 2,000 each 6x8-in. by 6-ft. meta stretchers;
- (37) 480 each metal stretcher Inserts
- (38) 2 each gap joints;
- Alt. "B" Reinf. Conc. Cribbing
- (39) 230 each 6x8-in. by 6-ft. reinf. conc. headers:
- (40) 1,325 each 5x10-in. by 6 ft. do;
- (41) 30 each 5x10-in. x 8-ft. do;
- (42) 830 each 6x6-in. by 6-ft. reinf. conc. stretchers;
- (43) 730 each 6x8-in. by 6-ft. do;
- (44) 1,100 each 6x10-in. x 6-ft. do;
- (45) 250 each 10x6x10-in. conc. filler blocks.
- NOTE: A bidder is required to submit a bid on one alternative and may but is not required, to submit bid on all the alternatives.
- Total bids follow:
- (A) A. S. Vinnell Co., Alhambra: Alt A, \$237,962; Alt. B, \$241,674.67.
- (B) Oswald Bros., Los Angeles: Alt A, \$249,559.15; Alt. B, no bid.
- (C) Daley Corp., San Diego: Alt. A, \$254,756.85; Alt. B, no bid.
- (D) R. E. Hazard & Sons and Ralph A. Bell, San Diego: Alt. A, \$259,611.40; Alt. B, \$261,350.65.
- (E) Sharp & Fellows Const. Co., Los Angeles: Alt. A, \$269,244.50; Alt. B, no bid.
- (F) Griffith Co., Los Angeles: Alt A, \$284,239.50; Alt. B, no bid.
- (G) Claude Fisher Co., Ltd., Los Angeles: Alt. A, \$284,429.70; Alt. B, no bid.
- (H) V. R. Dennis Const. Co., San Diego: Alt. A, \$299,942.50; Alt. B, no bid.
- (I) Jahn & Bressi Const. Co.: Alt A, \$330,551; Alt. B, no bid.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$2500.00	\$500.00	\$1350.00	\$1200.00	\$1000.00	\$8700.00	\$800.00	\$1400.00	\$500.00
(2)	250.00	100.00	50.00	250.00	100.00	80.00	300.00	300.00	250.00
(3)	.52	1.00	1.00	.95	1.20	.44	5.00	1.25	1.00
(4)	.69	.66	.67	.74	.79	.80	.86	.81	1.00
(5)	1.10	.75	2.50	.74	1.75	1.25	1.50	2.50	2.00
(6)	.95	1.70	3.01	1.50	1.75	4.50	2.00	3.00	2.50
(7)	.006	.025	.01	.01	.005	.006	.01	.025	.01
(8)	.57	.50	.75	.60	.44	.54	.60	.50	.75
(9)	1.30	2.00	1.75	1.50	1.50	2.20	2.00	2.50	1.00
(10)	10.00	10.00	5.00	7.00	5.00	5.60	10.00	15.00	10.00
(11)	12.00	15.00	36.50	20.00	22.00	37.50	25.00	20.00	11.00
(12)	10.50	15.00	11.35	12.00	11.00	12.00	12.00	14.00	11.00
(13)	.05	.06	.06	.07	.055	.05	.08	.05	.08
(14)	.07	.05	.10	.06	.07	.07	.08	.06	.06
(15)	47.00	30.00	30.00	30.00	30.00	25.00	30.00	40.00	30.00
(16)	1.00	1.30	1.00	.90	1.00	1.25	.90	1.15	1.00
(17)	1.75	2.00	2.20	1.70	2.00	2.10	1.80	2.10	1.75
(18)	2.50	2.75	3.15	2.50	3.00	3.00	2.50	3.00	2.50
(19)	3.30	3.75	3.50	3.30	3.50	3.50	3.10	3.50	3.00
(20)	4.90	5.50	5.15	5.00	5.25	5.30	4.75	5.50	4.50
(21)	5.50	6.50	6.00	6.00	6.00	6.20	5.75	6.70	6.00
(22)	.60	1.00	1.00	2.00	1.50	1.70	1.10	2.00	1.00
(23)	.35	.75	1.00	1.50	1.00	1.20	1.00	1.30	1.00
(24)	35.00	35.00	36.00	30.00	30.00	32.00	31.00	35.00	35.00
(25)	17.00	15.00	20.00	15.00	15.00	15.00	15.00	15.00	15.00
(26)	1.20	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.50
(27)	.35	1.00	1.00	2.00	.75	.60	1.00	1.50	1.00
(28)	3.00	3.00	4.00	3.00	3.00	3.50	4.00	3.00	3.00

ALTERNATE "A"									
(29)	4.50	5.00	4.50	4.75	4.40	5.00	4.40	5.00	5.00
(30)	6.00	6.25	5.50	6.25	5.50	6.00	5.50	6.50	6.00
(31)	7.20	7.25	6.35	7.00	7.00	7.50	6.60	8.00	7.00
(32)	7.40	7.50	6.50	7.30	7.25	7.90	6.80	8.00	7.30
(33)	1.20	1.15	1.00	1.10	1.25	1.10	1.00	1.25	1.00
(34)	7.00	.75	.60	.50	.75	.70	.60	.75	1.00
(35)	.16	.17	.15	.20	.20	.16	.20	.20	.25
(36)	5.00	5.25	4.70	5.00	4.90	5.40	4.70	5.75	5.50
(37)	.30	.80	.75	1.00	1.50	.75	.70	.85	1.00
(38)	28.00	27.00	25.00	25.00	30.00	27.00	25.00	30.00	100.00

ALTERNATE "B"									
(39)	4.85			4.50					
(40)	5.95			5.75					
(41)	7.20			7.00					
(42)	3.90			3.75					
(43)	4.50			4.30					
(44)	5.55			4.75					
(45)	.80			.75					

COACHELLA, Riverside Co., Cal.—Frank Chutuk, 1242 South Bonnie Beach Place, Los Angeles, at \$40,694.60 submitted low bid to Coachella Sanitary District, Coachella, for the construction of approximately five miles of vitrified sewer pipe, including about 79 structures, and a disposal plant consisting of settling tank and digester. FWA has contributed \$28,000 as a loan and \$22,909 as a grant. Work involves:

- (1) 4670 ft. 6-in. vit. clay pipe sewer
- (2) 19,370 ft. 8-in. do;
- (3) 6340 ft. 10-in. do;
- (4) 50 ft. 8-in. CI pipe sewer;

All vit. clay wye branches furnished, laid and backfilled in trench.

- (5) 6x6-in. vit. clay wye branches;
- (6) 6x8-in. do;
- (7) 6x10-in. do;
- (8) 74 standard manholes constructed of brick;
- (9) 9 flush tanks constructed of

brick;

- (10) 8200 sq. ft. replace 6-in. concrete pavement;
- (11) disposal plant, lump sum;
- (12) pump house, lump sum.

Total bids follow:

- (A) Frank Chutuk, \$40,694.60.
- (B) Sutalo & Ramijak, \$41,075.90.
- (C) Leko & Bosnyak, \$41,839.50.
- (D) S. M. Milovich, \$41,844.50.
- (E) Gorgo & Rados, \$42,290.80.
- (F) Peter S. Tomich, \$42,316.00.
- (G) Radich & Brown, \$43,956.70.
- (H) Sanitary Engr. & Const. Co., \$45-100.55.
- (I) VCK Const. Co., \$45,150.90.
- (J) Artukovich Bros., \$45,595.40.
- (K) E. L. Fleming, \$45,640.40.
- (L) Culjak & Zelko, \$45,915.80.
- (M) J. C. Hickey, \$52,130.50.
- (N) V. R. Dennis Const. Co., \$55,083.90.
- (O) J. L. Kuryl, \$57,852.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	.72	.69	.65	.65	.70	.70	.84	.65
(2)	.77	.74	.70	.90	.78	.80	.89	.765
(3)	.87	2.00	.75	.90	.98	.80	1.14	1.25
(4)	2.85	2.50	2.00	2.00	2.00	3.00	3.00	2.00
(5)	.72	.80	.55	.75	.70	1.00	1.60	1.23
(6)	.66	1.00	.65	1.00	.75	1.00	2.00	1.62
(7)	1.00	1.20	.75	1.25	.85	1.00	3.00	2.00
(8)	52.00	60.00	60.00	60.00	50.00	55.00	55.00	65.00
(9)	119.00	105.00	90.00	120.00	90.00	75.00	125.00	100.00
(10)	.20	.12	.20	.25	.20	.25	.21	.16
(11)	8200.00	8567.00	8900.00	6000.00	3200.00	8000.00	2500.00	9000.00
(12)	2000.00	3260.00	4600.00	2000.00	8200.00	2900.00	6550.00	3200.00

	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	.81	.75	.77	.70	.90	1.00	1.00
(2)	.86	.87	.79	.83	.85	1.07	1.25
(3)	1.00	1.10	.93	1.00	1.15	1.20	1.50
(4)	6.00	4.00	4.00	3.00	2.00	5.00	3.00
(5)	.50	.80	1.00	1.00	1.00	1.75	1.00
(6)	.76	.80	1.00	.80	1.00	2.00	1.25
(7)	1.33	1.00	1.25	1.00	1.00	3.00	1.50
(8)	62.00	50.00	69.00	60.00	60.00	80.00	65.00
(9)	111.00	100.00	120.00	110.00	115.00	150.00	100.00
(10)	.45	.20	.30	.20	.30	.30	.150
(11)	5843.00	8567.00	8790.00	9423.00	10000.00	8750.00	7000.00
(12)	2950.00	3260.00	3300.00	3586.00	4200.00	3350.00	2500.00

(174) 2 aprons—constr. timber aprons only for cattle guards;

(175) 1 crossing—constr. automobile crossing, complete with aprons.

Materials to be furnished by the government are described in the specifications. The work is to be completed in 400 calendar days. Plans and specifications may be obtained from the above office, Sacramento, and at the office of the Bureau at Denver, upon payment of \$3 per copy, not returnable. There is no charge to prospective bidders. Proposal guarantee in the sum of 10% must accompany each proposal. Walter R. Young, Construction Engineer, Sacramento; R. F. Walter, Chief Engineer, Denver. * 35

AWARD RECOMMENDED
MARIPOSA COUNTY, Calif.—John Rocca, Box 444, San Rafael, at \$19,515 was recommended for an award of contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing tunnel lining and guniting on Section A5 of Route 3, the Big Oak Flat Road, a length of 0.393 mile, Yosemite National Park, Mariposa County. * 35

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$150; 37-39 San Carlos Ave.; owner and builder, Rinaldo Labball, 37-34 San Carlos.

ALTER garage, \$150; 440 Chenery; owner, Frank Tieso, 2778 21st St.

ALTER dwelling, \$120; 2622 19th Ave.; owner, Frank Chudy, prem.; contractor, S. Tutty, 40 Admiral St.

ALTER dwelling, \$100; 824 Athens; owner and builder, L. Roman, 49 Niagara.

SIGN, electric, \$90; 462 Powell; owner, Cohen & Goodfriend, premises; contractor, Electrical Products Co., 910 Harrison St.

ALTER flats, \$700; 1281 4th Ave.; owner, Doris Galatolo, prem.; contractor, John Dal Bon & Son, 37 Valparaiso St.

GARAGE, 1-story, frame, \$75; 28 De Long, rear; owner and builder, J. B. Valas, 991 Wisconsin.

ALTER apts., \$50; 795 Hayes; owner, V. Rozymco, prem.

FLUES (2), \$50; N. Greenwlich 100 S. Larkin; owner, A. O'Brien; 1326 Greenwlich; contractor, Bacgluapi & Dagneau, 1837 Union St.

BILLBOARD, \$7; S. E. Mission and 14th; owner and builder, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$50; 885 Moncada Way; owner, Dr. Chas. S. Capp, 37 Loyola Terr.

DAILY PACIFIC BUILDER

LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath

PRINTING • AND • PUBLISHING • COMPANY

PAID
San Francisco, Calif.
Permit No. 3064
Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Low Bids Total \$172,725
on Three State Jobs



Bids Sept. 16 on S. F. Bldg. Interior Work



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MArket 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Polished Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., SEPTEMBER 10, 1938 No. 37

\$172,725 Low Bids Submitted on Three Division of Highway Road Contracts

SACRAMENTO, September 7—Low bids aggregating \$172,725 today were submitted to the State Division of Highways for bridge and highway construction in Humboldt, Contra Costa, Nevada and Placer Counties.

Poulos and McEwen, Sacramento, at \$84,605.20, submitted the low bid on the largest job involving about 0.4 miles grading and surfacing with road-mixed surfacing between Benbow and one mile north of Dean Creek in Humboldt Co.

Total bids follow:

Poulos and McEwen	\$84,605.20
Hcmstreet and Bell	85,502.30
N. M. Ball Sons	89,850.55
Claude C. Wood	92,578.60
M. J. Ruddy	99,979.95

Principal Items

The job involves the following principal items: 108,340 cubic yds. of unclassified roadway excavation; 1265 cubic yards of structural excavation; 70,020 cubic yards of imported borrow; 11,745 cubic yards of rock filling material; 57 tons of liquid asphalt; and 1150 linear feet of 8-inch perforated metal pipe underdrain.

Lee J. Immel, Berkeley, at \$47,291, submitted the low bid for seven separate portions of construction totaling about 0.9 miles in length consisting of 0.3 miles grading and applying road-mixed surface treatment and construction of channel changes and riprap between Indian Springs and one mile east of Rainbow Tavern in Placer and Nevada Counties.

Total Bids

Complete total bids follow:

Lee J. Immel	\$47,291.00
Frederickson & Westbrook	47,355.00
Independent Const. Co.	49,504.50
Pacific States Const. Co.	51,330.50

Principal items include: 5000 cubic yards of unclassified roadway excavation; 1250 cubic yards structural excavation; 11,500 cubic yds. of ditch and channel excavation; 1700 cubic yards of imported borrow; 24.5 tons of liquid asphalt of various types; and 996 cubic yds. of riprap.

Contra Costa
Macco Construction Company, Clearwater, at \$40,829.80, submit-

W. C. Keating Low On Sacramento Addition

W. C. Keating, Sacramento, at \$136,940, yesterday submitted the low basic bid to the County of Sacramento for construction of a three-story reinforced concrete addition to the County Jail.

Otto Steinbrenner, at \$138,800, submitted the second lowest bid, followed by Azevedo Construction Company, at \$140,392. Other bidders were: Campbell Construction Company, \$142,752; Lawrence Construction Company, \$142,926; H. W. Robertson, \$143,180; Lindgren and Swinerton, Inc., \$143,200; M. R. Peterson, \$149,950; and Holdener Construction Company, \$151,893.

Plans and specifications for the three-story County Jail addition were prepared by Architect Harry J. Devine.

ted the low bid for construction of two undergrade crossings under the tracks of the Sacramento Northern Railway and under a County Road at Ohmer Station, and about 0.15 miles of roadway to be paved with Portland cement concrete in Contra Costa County.

Complete total bids follow:

Macco Const. Co.	\$40,829.80
Union Paving Co.	44,461.80
D. W. Nicholson	45,712.00
R. G. Clifford	47,173.30
Heafey-Moore and Fredickson and Watson	47,876.58
P. J. Walker and Co.	47,947.20
E. T. Lesure	58,491.70

The principal items include: 3400 cubic yards of structural excavation; 3 tons of liquid asphalt; 94,000 pounds of bar reinforcing steel; 648.5 cubic yards of Class A Portland cement concrete; and 18,000 pounds of ballast plate.

BIDS SEPT. 16 FOR S. F. BLDG. INTERIOR WORK

S. F. Works Department Calls Bids for \$85,000 Fair Contract

The San Francisco Department of Public Works yesterday called for bids for general construction, plumbing, heating and ventilating and electric work for the interior of the San Francisco Building on Yerba Buena Shoals.

Bids on the job will be opened September 16.

The contract for construction of the building was awarded to C. L. Wold Construction Company, at \$77,238, recently.

The San Francisco Building is a two-story frame structure with approximately 40,000 square feet of floor area, surrounding a two-story, 40-foot inner court. There will be a fountain on the first floor and a grand stairway approximately 40 feet high and 18 feet across.

General Construction

The estimated cost of general construction of interior work is \$65,000, according to City Architect Charles H. Sawyer. The electrical work is estimated to cost \$10,500; and the plumbing, heating and ventilating, \$9,700.

Eaton and Smith, at \$10,125.50, yesterday submitted the low bid to the Department for improving Athens Street, between Excelsior Avenue. Other bidders were: West Construction Company, at \$11,119.75, and Charles L. Harney, at \$11,291.15.

DIVISION OF MINES ISSUES NEW REPORT

The Division of Mines, Department of Natural Resources, under the direction of Walter W. Bradley, State Mineralogist, announces the release of the April, 1938, issue of "California Journal of Mines and Geology," being Chapter Two of State Mineralogist's report XXXIV, 108 pages, illustrated by photos and cuts, and accompanied by a geolo-

CONSTRUCTION OF SHASTA DAM TO START SOON

**Pacific Constructors Receive
Notice to Proceed With
Work**

Pacific Constructors, Inc., yesterday was speeding preliminary work at the Shasta Dam site following issuance of the official notice to proceed with construction of the \$35,939,450 project.

Walker R. Young, supervising engineer of the Central Valley Project, directed the required notice to Pacific Constructors, Inc., 12-company syndicate which was awarded the main dam contract for \$35,939,450 by Secretary of the Interior Harold L. Ickes a few weeks ago.

The order requires Pacific Constructors to start work within 30 days after receipt of the notice, but permits the contractor to start immediately, which it is expected will be done. The contractor already has opened a field office in Redding, and has employed about 140 men in preliminary building of access roads and clearing of the contractor's construction camp site in the Sacramento River Canyon below the dam site.

Shasta Dam

Shasta Dam was designed and is being constructed by the Bureau of Reclamation. A call for bids for the main contract was issued April 1, and Pacific Constructors' bid was the lower of two received by the Bureau at its Sacramento office June 1. Each bid was accompanied by a guarantee bond in the sum of \$2,000,000. Since the award of contract in July, the successful bidder has posted in addition a performance bond of \$5,000,000 to assure performance of the contract, and a payment bond of \$2,500,000 to assure payment of labor and material bills. The required bonds are among the largest on record.

The Federal Government has obtained from the State of California an assignment of the State's rights to use of water of the Sacramento River, as required for the Central Valley Project.

Page Returns

Commissioner of Reclamation John C. Page, who was here last week for Central Valley Project conferences, left Saturday night for Washington, D. C.

The general contract upon which construction is ordered to start is for performing all work, including furnishing labor and equipment, for building the dam and power under supervision of Bureau of Reclamation engineers. The contract does not include the supplying of materials which are to become a part of the completed structure. The Government will purchase under separate contracts such items as cement, structural and reinforcement steel, pipe, metal work and machinery.

Under the contract the employment of labor will be arranged by

KELLY AWARDS 3 ROAD CONTRACTS

Three contracts aggregating \$259,675 yesterday were awarded by State Director Earl Lee Kelly of the Department of Public Works.

The largest contract, for grading and applying road-mix surface treatment to 2.6 miles of highway between Boulder Park and Mountain Springs in San Diego County, was awarded to A. S. Vinnell Company, at \$237,962. To the Griffith Company, at \$18,535, went the contract for constructing 2.9 miles of protection fence in Los Angeles County; and to Al W. Simmonds, at \$3178, went the contract for 663 miles of traffic stripe in various counties.

TRIANGLE, BELL LOW ON WAWONA SURFACING JOB

**Triangle Rock & Gravel, Bell
Bid \$270,244 on Bureau
Contract**

Bids ranging from \$270,244 to \$464,498.40 yesterday were submitted to the U. S. Bureau of Public Roads for approximately 30.823 miles of bituminous treated surfacing in Mariposa County.

The Triangle Rock and Gravel Company and Ralph A. Bell, San Bernardino, at \$270,244, submitted the low bid on the job.

The second lowest bidder was Louis Biasotti and Son, at \$283,819.50, followed by Union Paving Company, at \$366,517.25.

Total Bids

Complete total bids follow:

Triangle Rock & Gravel	\$270,244.00
Co. & Ralph A. Bell	\$270,244.00
Louis Biasotti & Son.....	283,819.50
Union Paving Company..	366,517.25
Hanrahan Company.....	436,186.50
Gibbons and Reed Co.....	464,498.40

The contract calls for placing a bituminous treated surfacing on approximately 30.823 miles of Section A1, A2 and A3 of Route 5, Wawona Road-Glacier Point in Yosemite National Park, Mariposa County.

the contractor. The Government has specified minimum rates of wages.

The dam will create a reservoir with a gross storage capacity of 4,500,000 acre-feet, storing waters of the Sacramento, Pit and McCloud Rivers. The reservoir will be operated for purposes of navigation improvement and flood control in the Sacramento Valley, irrigation in both the Sacramento and San Joaquin Valleys, salinity repulsion in the Sacramento-San Joaquin Delta, and electric power generation for Northern California.

J. STRONA, OCHS LOW ON STATE BUILDING JOBS

**John Strona Bids \$247,800 on
Pacific Colony Custodial
Buildings**

SACRAMENTO, September 6—State Architect George B. McDougall today opened bids on two contracts for construction of two reinforced concrete custodial buildings at Pacific Colony, Spadra, and six dormitory units at California Polytechnic School, San Luis Obispo.

John Strona, at \$247,800, submitted the low bid for general construction of the custodial buildings, followed by Baruch Corporation, at \$257,377, and Harvey A. Nichols, at \$240,794.

Low bidders on the other propositions were: Kenneth Fraser, at \$17,944, heating and ventilating; Kenneth Fraser, \$21,882, plumbing; and Moore Electric Company, at \$9,186, electric work.

The contract calls for construction of two one-story reinforced concrete custodial buildings at Pacific Colony with hollow tile partitions, steel sash, and clay tile roof covering.

Six Dormitories

O. R. Ochs, San Luis Obispo, at \$27,400, submitted the low bid for construction of six dormitory units at California Polytechnic School in San Luis Obispo. The dormitories will be one-story frame structures.

Other bidders on the general work contract were: Theo. M. Maino, \$29,210; F. C. Stolte Co., \$29,675; Empire Construction Co., \$29,770; and B. A. Howkins and Co., \$32,862.

Smee Plumbing and Heating Company, at \$4,295, and Moore Elevator Company, at \$2,636, were low on the plumbing and heating, and elevator work, respectively.

IDEAL ANNOUNCES ELECTRIC MARKER

A new tool for marking positive, permanent identification is the Ideal Electric Marker, manufactured by the Ideal Commutator Dresser Company, 4065 Park Avenue, Sycamore, Illinois.

The marker cuts owner's name, sizes, numbers, models and other information on steel, iron, bronze glass, bakelite, ceramics, composition and other surfaces, according to the manufacturer. It operates at a speed of 7200 cutting strokes a minute, cutting into the surface of the material and leaving a clear, legible imprint. A special innovation is the Diamond Point which permits marking extra hard materials up to 60 Rockwell hardness it is said.

New orders for steel boilers during July, 1938, amounted to 888 units, as compared to 700 steel boiler orders taken during June, 1938, the Bureau of Census reports

Bids Sept. 30 For Construction of Eight Mile Addition of Contra Costa Canal

Bids for construction of an additional eight miles of the Contra Costa Canal yesterday were called for September 30 by the U. S. Bureau of Reclamation, Walker R. Young, supervising engineer, announces....

The first contract for excavation of the initial section—a four mile earth pitch from Rock Slough to near Oakley—is now completed and work is under way on the next section comprising eight miles of the canal, Mr. Young said.

The contract being advertised is for a concrete-lined section extending from a point 2 miles south of Antioch to a point 3½ miles west of Pittsburg and will involve the excavation of about 650,000 cubic yards of earth and rock, and construction of four reinforced concrete siphons, seven highway bridges and other appurtenant structures. The successful bidder will be given 450 calendar days to complete the contract after receipt of the Government's official notice to proceed with the work.

Concrete Lining

This part of the canal will be approximately 23 feet wide at the water surface, 7 feet wide at the bottom, and will carry water about 3½ feet deep. The concrete lining will be three inches thick.

The Government has already awarded a \$79,000 contract for manufacture and delivery of 16 motor-driven pumps for four pumping plants near Oakley, and will provide for their installation at a later date.

Principal items in the latest Central Valley Project contract to be placed on the market, include: 35,000 cubic yards of excavation for canal and wasteway; 148,000 station yards overhaul; 62,000 cubic yards compacting embankments; 12,800 cubic yards of excavation for structures; 139,700 sq. yards of trimming of foundations or concrete lining; 35,500 cubic yards backfill; 4400 cubic yards of concrete in structures; 11,550 cubic yards of concrete in canal lining; placing 1,290,000 pounds of reinforcement bars; and erecting 54 M fbm of timber in bridges.

Canal Capacity

The initial capacity of the Contra Costa Canal is to be 350 cubic feet per second, successively diminishing along its 46-mile course in accordance with the amounts of water to be taken out at various delivery points. Mr. Young said that the canal capacity of the section now being advertised will diminish throughout its length from 291 to 256 cubic feet per second.

The Contra Costa Canal will afford a supply of fresh water for industrial use in manufacturing and processing plants along the south shore of Suisun Bay, for agricultural use in an upland area of orchards and field crops, and for domestic use in several Contra Costa County municipalities.

The eight mile stretch of canal for which bids were called yesterday

FRANK CO. LOW ON DREDGING PROJECT

The Frank Contracting Company, San Francisco, at \$286,922.93, yesterday submitted the low bid to the U. S. Engineer Office for dredging about 2,185,247 cubic yards of material in Humboldt Bay. The unit price submitted was \$0.1313, with an alternate of \$0.119 if funds were available for the entire job.

The Hydraulic Dredging Company, at \$355,102.64, submitted the second lowest bid, followed by the S. F. Bridge Company, at \$382,419.23. The engineer's estimate was \$0.12497 per cubic yard—a total of \$273,103.

U. C. Extension Plans Engineering Course

The University of California Extension Division announces that courses in Reinforced Concrete and Air Conditioning will be given at 540 Powell Street this fall.

Mr. Victor E. Johnson will conduct the courses in Reinforced Concrete. Course 860A will stress application of theory, practical designing and detailing. It will begin September 19 at 7 P. M. Course 861, Design and Formwork, will open on the same evening at 8 P. M. The same courses will be given at 1730 Franklin Street, Oakland, September 23, at 7:00 and 8:00 P. M.

Mr. F. W. Hutchinson, Air Conditioning Consultant, will conduct the classes in Air Conditioning, which will open on September 16, at 7:30 P. M. In Oakland, (1730 Franklin Street) Mr. Hutchinson will give the same course September 14 at 8:00 P. M.

The first meeting of any of these classes will be open without charge to those interested.

day will be commenced within thirty days after the notice to proceed has been given and completed within 450 calendar days, it is announced.

Bids on the contract will be opened at 10:00 A. M., September 30, in the Old Post Office Building, Sacramento.

AISC HONORS GOLDEN GATE SPAN SEPT. 14

Mrs. A. Strauss to Unveil Plaque for 1937 Bridge Award

New honors will be accorded the Golden Gate Bridge next Wednesday, when a stainless steel plaque is unveiled by Mrs. Annette Strauss, widow of Joseph E. Strauss, marking the span as the most beautiful steel bridge construction in 1937.

The plaque was awarded to the Golden Gate Bridge by the American Institute of Steel Construction. Announcement of the award was made at a banquet of the committee of judges of the institute at the Engineers' Club, New York, June 23. Director William D. Hadeler, of San Francisco, attended as representative of the Golden Gate Bridge and Highway District.

Unveiling ceremonies will take place at the toll plaza at Fort Point at 11:30 A. M. Formal presentation of the plaque will be made by F. H. Frankland, chief engineer of the American Institute of Steel Construction, who is coming here especially for the occasion.

Annual Award

The annual award of the American Institute of Steel Construction for the most beautiful steel bridge was inaugurated in 1928. The Golden Gate Bridge is the first bridge on the Pacific Coast to win the first place, class A award. In 1936 the west crossing of the San Francisco-Oakland Bay Bridge received honorable mention in this division, while first place was awarded East River crossing of the Triborough Bridge at New York.

Participants in next Wednesday's ceremonial will include directors and officials of the Golden Gate Bridge and Highway District, in addition to several hundred invited guests from the six counties of the district, state officials, officials of the city and county of San Francisco and officers of the United States Army and Navy.

NEW LAMP ISSUED BY WESTINGHOUSE

A new type of Mazda lamp which includes a reflector inside the bulb is announced by the Westinghouse Lamp Division of the Westinghouse Electric & Manufacturing Company, Bloomfield, New Jersey.

These new lamps are made with a flared bulb, coated on the inside of the flare with metal, which takes and retains a high polish and directs the light of the filament in a powerful beam of light. The efficiency of the directed light is high because the reflector has the accurate shape of a modified paraboloid and the filament is precisely positioned with relation to the focal point of its reflector, according to the manufacturer.

Rossi Requests Suspension of \$53,000,000 PWA Application for Electrical System

Official request for suspension by San Francisco of its application for a PWA grant in connection with the proposed electrical distribution system, costing approximately \$53,000,000, is expected to place this city in line for prompt approval of other PWA requests on various projects totaling more than \$13,000,000. This was pointed out by Frederick H. Meyer, Chairman of the San Francisco Recovery Bond Committee.

Suspension of the application for the electrical distribution system grant was embodied in a letter from Mayor Angelo J. Rossi to Kenneth A. Godwin, Regional Director of the Federal Administration of Public Works, a copy of which was directed to Chairman Meyer.

Charter Amendment

In requesting suspension of this project, the Mayor stated that while it is the city's intention to finance this project through the issuance of revenue bonds, a charter amendment will be required before such bonds may be issued. He stated that such an amendment will be submitted to the people at the general election on November 8.

Even though adopted, the Mayor said, the amendment would have to be approved by the State Legislature, which would mean that it would be the middle of next January before the city could avail itself of the privileges of the amendment.

"Hence," he stated, "I suggest that the application for the financing of our electrical distribution system be suspended until such a time as it may be renewed after our charter revenue bond amendment is approved."

PWA Grants

Applications of the city for PWA grants now on file are divided into two distinct groups. The first group calls for the passage of a bond issue of \$13,178,000 at the special election of September 27. This is exclusive of the proposed Market Street Railway purchase.

The second group comprises five projects for which the city actually has funds available at this time and on which work can commence the moment PWA approval is received. This group would provide approximately \$10,000,000 in construction work and employment relief immediately.

Application on the Market Street Railway purchase project has just been filed with the Regional Office of PWA. It embodies a grant of \$5,474,700 out of a total estimated \$24,480,000.

Withdraw Dockets

Meanwhile appropriate action has been taken by the city for withdrawal of several dockets, with which it would be unable to proceed. These include the rapid transit subway system, involving \$21,410,000; the proposed bridge terminal pedestrian way, in which \$1,000,000 is involved, and an additional \$500,000 for the proposed

HERRICK BIDS ON AUDITORIUM STEEL PROJECT

Herrick Iron Works, Oakland, at \$25,624, yesterday submitted the low bid to the California Commission for the Golden Gate Exposition for construction of structural steel work for the Auditorium Building on Yerba Buena Shoals.

The second lowest bid was submitted by Bethlehem Steel Company, at \$28,340.

Complete bids follow:

Herrick Iron Works.....	\$25,624
Bethlehem Steel Co.....	\$28,340
Independent Iron Works.....	\$29,000
Minneapolis-Moline Power	

Implement Co.\$29,600

September 16 bids will be opened for construction of the pile foundation for the Auditorium Building, the California Commission of the Golden Gate International Exposition announced this week.

Bids will be called shortly, it is expected, for general construction of the building in order that work may be synchronized under various contracts.

The Auditorium to be constructed on Treasure Island will be one and two-story structure of octagon shape with a central steel portion. The outer structures will be of timber construction with a cement plaster finish.

The building will be about 200 by 300 feet, while the central steel portion will measure about 190 feet in diameter.

buildings and shops for the Department of Public Works.

In the first group of projects, exclusive of the Market Street Railway purchase, which will be voted on at the September 27 bond election, are the following:

	Bond Issue	PWA Grant
Courts Bldg.	\$3,828,000	\$1,869,000
Schools	2,800,000	1,489,302
Playgrounds	900,000	547,650
Sewers	4,200,000	2,623,500
Yacht Harbor	700,000	331,034
Welfare Bldg	225,000	103,950
Pavilion	525,000	673,812

The second group, for which applicant's funds now are available consists of the following projects:

	Funds	PWA Grant
Public Utilities	\$1,868,906	\$1,529,105
Hospital	1,255,906	1,027,562
19th Ave.	258,500	211,500
Streets	778,539	637,023
Schools	1,174,909	961,289

PWA STANDING SURVEYED BY REG. DIRECTOR

Twelve Million Dollars Worth Of PWA Work Now Under Construction

Within two and one-half months after President Roosevelt signed the 1938 Appropriations Act, the Federal Public Works Administration has actually started work on nearly twelve million dollars worth of new heavy construction in the State of California alone, according to Regional Director Kenneth A. Godwin, who states that the total cost of the 39 PWA projects already being constructed in this state is \$11,958,566. Of this amount, PWA has allotted and made available in cash \$5,927,671 in outright grants and loans.

The first project on which dirt started to fly under the current program was the new city hall and jail in San Diego. Work was started on this \$335,000 enterprise on August 1, exactly forty days after the 1938 act became law. Other San Diego projects include a tubercular unit at the county hospital to cost \$146,000 and school additions costing \$76,860.

The largest project to be among the first to get under way is the Los Angeles street improvement program, which will cost a total of \$4,923,000. Uncle Sam is supplying \$2,215,350 of this amount.

Los Angeles has more than \$7,000,000 worth of new PWA construction under way today. This includes a fire department improvement, which will cost \$1,099,000, of which the Federal government is furnishing \$899,550. Harbor improvements, now being made at Wilmington, will cost \$115,000 PWA having granted \$51,750 toward this.

New PWA activity in Alameda County includes the building of a \$732,000 bridge across the United States Tidal Canal at High Street between Oakland and Alameda, and new Oakland sanitary sewers to cost \$315,402. Work has also been started on Albany's new high school, a public works project which will cost \$63,000.

ANNOUNCE AWARD OF PAN AMERICAN JOBS

Award of the first contracts for construction of the proposed \$600,000 Pan American Airways base on Yerba Buena Shoals were announced yesterday.

To Duncanson Harrelson Company went the contract for construction of three fueling docks, a ramp and one passenger landing. J. H. Fitzmaurice, Oakland, was awarded the contract for paving work, including aprons and other work. The Pan American Airways System plans to construct \$600,000 worth of improvements on the man-made island, and will start operations toward the end of the year.

WAY CLEAR FOR RELOCATING OF SHASTA TRACK

S. P., Department of Interior
Agree on Permanent
Track Project

The way is clear for the Bureau of Reclamation to relocate telegraph wires and 36.4 miles of main line railroad between Redding and Delta following execution this week of a contract between the Department of Interior and the Southern Pacific Company.

Completion of this contract is an important step in the advancement of the construction program of the Central Valley project of the Bureau. It is necessary to relocate the Southern Pacific main line tracks because at present this line, following the Sacramento River Canyon, runs directly through the Shasta Dam site and the area which will be flooded by the Shasta Reservoir. The new line will be taken around the dam and reservoir on the east-ern side.

Two Year Job

It is anticipated that approximately two years will be required to finish the new section of the Southern Pacific tracks. In the meantime, certain work will proceed on the construction of Shasta Dam as the result of the construction of a diversion tunnel at the dam site which will permit the trains to by-pass the area where work will be in progress. The diversion tunnel now is under construction. The contract has been awarded for the construction of Shasta Dam, although orders to proceed under it have not as yet been given. It is expected that the contractor will be told to go ahead in the near future.

Under the contract with the Southern Pacific Company, which was signed also by the Central Pacific Railway Company, holder of the legal title to the right of way, and by the Western Union Company, which has its poles and telegraph lines along the Southern Pacific right of way in the reservoir area, plans and specifications for building a relocated line will be passed upon by both the Chief Engineer of the Bureau of Reclamation and the Chief Engineer of the Southern Pacific Company.

New Line

The contract requires the Bureau of Reclamation to do or have done the necessary grading for the new line. It requires the Southern Pacific Company to lay the ties and rails and put in the electrical signal and block system at cost plus 10 per cent, payment to be made by the United States for work actually done.

The contract also requires the Bureau of Reclamation to construct the Pit River bridge, one of the principal engineering features of the new line. Title to this bridge will remain in the United States,

BLDG. MATERIAL COSTS OF BOND JOBS SURVEYED

PWA Bonds Committee An-
nounces Material Dealers
Will Gain by Passage

Passage of the first seven propositions on the ballot of the September 27 special election, the \$13,178,000 PWA bonds issues would come as a boon to San Francisco's building materials industry, a survey of the building materials figures reveals, according to the San Francisco Recovery Bonds Committee.

The projects in the issue are:

Number 1, Sewer Bonds, \$4,200,000; Number 2, Courts Building, \$3,828,000; Number 3, Yacht Harbor, \$700,000; Number 4, Schools, 12,800,000; Number 5, Welfare Building, \$225,000; Number 6, Playgrounds, \$900,000 and Number 7, Livestock Pavilion, \$525,000.

Cost of Materials

But it is when these figures are broken down and the estimated cost of materials revealed that it is shown that the seven propositions deserve the unqualified support of the building materials industry on a sound business basis, the Committee states.

For example the estimated total amount of concrete necessary for the projects is estimated conservatively at \$1,531,369. The estimation for structural and reinforcing steel

although the railroad company will be given a permanent easement for its right of way across the bridge.

The relocated line will be single tracked, although it is required that the Bureau of Reclamation construct the foundations of certain structures in such a manner that double tracking may later be accomplished. A centralized traffic control system will be installed for control of traffic over this section.

Shasta Reservoir

The railroad is granted the right to use water from the Shasta Reservoir for railroad purposes.

All track steel, including rails, fastener plates, signal controls, etc., will be furnished by the Government to the Southern Pacific for laying and installing in the roadbed.

At the conclusion of the work of relocating the railroad, the Southern Pacific Company has 60 days in which to use the track on a trial basis. After acceptance of the new line, the company has a right to demand of the Government within a period of five years payment of not to exceed \$350,000 for unusual maintenance cost actually incurred resulting from slippage, settlement, or like troubles along the right of way.

The railroad is to be paid for engineering studies in the preparation and checking of detailed plans and specifications for the work.

FOUR STATE ROAD PROJECTS AWARDED

SACRAMENTO, September 7—Director Earl Lee Kelly of the State Department of Public Works today awarded contracts aggregating \$151,314 for bridge and highway construction in Contra Costa, Humboldt, Lake and Placer Counties.

Contracts were awarded as follows: S. H. Van Gelder, at \$3742, for repair a bridge in Contra Costa County; Piazza and Huntley, at \$46,491, for 1.1 miles of grading and surfacing in Placer County; J. L. Connor and Sons, at \$69,456, for 2.1 miles of grading and surfacing a bridge in Humboldt County.

is \$1,289,957. Iron, bronze and sheet metal will run \$227,000.

Lumber and millwork costs will be \$821,000. Acoustical work \$33,000. Granite, marble and limestone will total \$569,000 with all estimates for those materials not yet completed.

Estimated Costs

Brick and terra cotta will cost \$298,511. Rock and fill, \$302,000. Heating and ventilating will run \$394,000 with the elevator costs estimated at \$172,000. Floor covering, and these figures are incomplete, is estimated at \$79,000. Furniture, also incomplete, at \$307,000. Hardware will run \$64,000 and plumbing \$141,840.

Painting will cost \$99,570 with plastering and lathing \$123,000. Glass and glazing is estimated at \$120,000; roofing at \$61,000 with figures incomplete. Electrical equipment will cost \$243,340. Machinery and piping for the sewer project alone will cost \$500,000. Window shades will run \$10,000, asphalt \$32,041, stage equipment \$13,700 and black boards \$9,000.

Such projects, coming as they do after a period of recession which hit all business will greatly stimulate business for material firms as well as contractors, the Committee contends.

It is also well to point out that forty-five per cent of the total will be paid for in an outright grant by the Federal Government. All projects have already been approved by Kenneth C. Godwin, regional PWA director. Not one of the bonds on any issue may be sold until the government or one of its agencies has paid its share of the cost. This is provided for in a resolution passed on August 15 by the Board of Supervisors.

Labor, too, will greatly benefit by the propositions. Approximately fifty per cent of the total will go for labor costs at the prevailing wage rate. With all projects needing public improvement and with business not yet out of the woods it is to be hoped business men will give the measure their staunch support, according to the Committee.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY				
No.	Owner	Contractor	Amt.	
2057-8	Doelger	Owner	2000	
2059-60	Doelger	Owner	3000	
2061	Emporium	Dinwiddie	10000	
2062	Fawcett	Smith	3750	
2063	Smith	Owner	3500	
2064-72	Standard	Plaseckl	2750	
2073-4	Connich	Donner	1250	
2075	De Vry	Owner	3000	
2076	Ellingson	Owner	1500	
2077	Finkelstein	Wagner	10000	
2078	Florito	Tignard	3500	
2079	Glasing	Wagner	5000	
2080	Gompertz	Thulin	1500	
2081	Hinshaw	Owner	3950	
2082	Heymna	Baldwinson	3500	
3033	Sanderson	Wagner	12000	
2084	Simon	Owner	6000	
2085	Standard	Owner	5000	
2086	Verder	Owner	4000	
2087	Fiske	Owner	1200	
2088	Hueter	Strate	3800	
2089	Lier	Owner	5000	
2090	McCabe	Perkins	4000	
2091	Millan	Owner	2000	
2092	Mohler	Rees	1000	
2093	Fac. Diamond	Malloch	1200	
2094	Safeway	Hinson	2000	
2095	Wolf	Barrett	2000	
2096	Barrett	Owner	2800	
2097	Burki	Coburn	1000	
2098	Damele	Moore	7500	
2099	David	Kerr	1000	
2100	Valentin			
DWELLING				
(2057)	E. 48th AVE. 200 S. Lincoln	Owner and Builder—Henry Doelger		
	Builder Inc., 320 Judah St.	Architect—Not given.	\$2000	
DWELLING				
(2058)	E. 48th AVE. 225 S. Lincoln	Way. One-story frame dwelling.		
	Owner and Builder—Henry Doelger	Builder Inc., 320 Judah St.	Architect—Not given.	\$2000
DWELLING				
(2059)	E. 46th AVE. 150 S. Lincoln	Way. One-story frame dwelling.		
	Owner and Builder—Henry Doelger	Builder Inc., 320 Judah St.	Architect—Not given.	\$3000
DWELLING				
(2060)	E. 48th AVE. 175 S. Lincoln	Way. One-story frame dwelling.		
	Owner and Builder—Henry Doelger	Builder Inc., 320 Judah St.	Architect—Not given.	\$3000
ALTERATIONS				
(2061)	BETWEEN 4th & 5th on Jesse St. Alter store.	Owner—The Emporium, prem.		
	Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg.	Plans by Hall Pregnoff (Eng.).		\$10,000
ALTERATIONS				
(2062)	S.W. UNION & FILLMORE	Sts. Alter store and flats.		
	Owner—K. E. Fawcett, South San Francisco.	Contractor—Antone Petersen & Sons, 2738 San Bruno Ave.	Architect—Not given.	\$1000
DWELLING				
(2063)	W. 35th AVE. 225 S. Judah St.	One-story frame dwelling.		
	Owner—C. & L. Smith, 432 Irving.	Contractor—Howard Smith, 1342 Ortega St.	Architect—Not given.	\$3750
DWELLING				
(2064)	W. 23rd AVE. 213 S. Noriega	St. One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2065)	W. 23rd AVE. 143 S. Noriega.	One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2066)	W. 23rd AVE. 293 S. Noriega	St. One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2067)	W. 23rd AVE. 193 S. Noriega	St. One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2068)	E. 36th AVE. 226 N/N SANTIAGO.	One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2069)	W. 23rd AVE. 268 S. Noriega	St. One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2070)	W. 23rd AVE. 168 S. Noriega.	One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2071)	W. 23rd AVE. 243 S. Noriega.	One-story frame dwelling.		
	Owner and Builder—Standard Bldg. Co., 1500 Judah St.	Architect—Not given.	\$3500	
DWELLING				
(2072)	N. LAWTON 70 W. 48th Ave.	One-story frame dwelling.		
	Owner—Antone Connich, 847 Sansome Street.	Contractor—Joe Plaseckl, 345 Haight Street.	Architect—Not given.	\$2750
DWELLING				
(2074)	N. LAWTON 95 W. 48th Ave.	One-story frame dwelling.		
	Owner—Antone Connich, 847 Sansome Street.	Contractor—Joe Plaseckl, 345 Haight Street.	Architect—Not given.	\$2750
DWELLING				
(2075)	E. BEMIS 479 N. Castro St.	One-story frame dwelling.		
	Owner—Helen E. de Vry, c/o Cont. Contractor—Bernard W. Donner, 3500 Mission St.	Architect—Not given.	\$1250	
DWELLING				
(2076)	E. MINNA ST. 86 S. 14th St.	One-story frame dwelling.		
DWELLING				
(2077)	W. 47th AVE. 50 S. Taraval.	One-story frame dwelling.		
	Owner—V. Glasing, 2415 4th Ave.	Contractor—J. Tignard, 2330 48th Ave.	Architect—Not given.	\$3500
SHOP				
(2080)	N. E. 19th ST. & Potrero Ave.	One-story frame auto wrecking shop.		
	Owner—C. W. Gompertz, Balboa Bldg.	Contractor—George Wagner, 181 So. Park.	Architect—Not given.	\$5000
DWELLING				
(2081)	1444 PINE ST. Alter shop and dwelling.	Owner—Clyde C. Hinshaw, c/o 63 Brady St.	Contractor—A. L. Thulin, 63 Brady Street.	Architect—Not given.
				\$1500
DWELLING				
(2082)	W. COLBY 448 N. Silver Ave.	One-story frame dwelling.		
	Owner and Builder—Heymna Bros., 742 Market St.	Architect—Not given.	\$3950	
DWELLING				
(2083)	S. LOWER TERRACE 491 E. Roosevelt.	One-story frame dwelling.		
	Owner—Edith Mary Sanderson, 2727 Polk St.	Contractor—Ingvor BaBidwinson, 2246 35th Ave.	Architect—Not given.	\$3500
BUILDING				
(2084)	W. ARMSTRONG 50 W. Lane.	One-story frame—light manufacturing.		
	Owner—Simon Mattress Mfg. Co., Yosemite Ave.	Contractor—George Wagner, 181 So. Park.	Architect—W. W. Hanscone, 848 Clayton St.	\$12,000
GAS STATION				
(2085)	S. W. 8th & BRYANT.	One-story steel gas station.		
	Owner and Builder—Standard Oil Co., 225 Bush St.	Plans by (Eng.) owner.		\$6000
FLATS				
(2086)	W. BAYSHORE 193 N. Wheat.	One-story frame flats.		
	Owner and Builder—A. L. Verder, 27 Ware St.	Architect—Willas E. Hilsen, 475 24th Ave.		\$5000
DWELLING				
(2087)	E. 44th AVE. 175 N. Irving.	One-story frame dwelling.		
Owner and Builder, E. Ellingson, 85 Liberty St. Architect—Not given. \$3000				

Owner and Builder—Fred Fiske, 1363 8th Ave.
 Architect—Not given. \$4000

ALTERATIONS
 (2088) 2573 MISSION STREET, Alter market.
 Owner—Mr. Hueter, prem.
 Contractor—Elmer R. Spinder, 160 Russ St.
 Architect—Not given. \$1200

DWELLING
 (2089) W. GRAND VIEW AVE. 115 N. Morgan Alley. One-story frame dwelling.
 Owner—Frank A. Lier, 2101 Ellis.
 Contractor—Adolph Strate, 190 Moneta Way.
 Architect—Not given. \$3800

DWELLING
 (2090) S. E. 26th AVE & OCEAN AVE. One-story frame dwelling
 Owner and Builder—James W. McCabe, 716 Ulloa.
 Architect—Not given. \$5000

DWELLING
 (2091) E. 47th AVE 125 N. Taraval. One-story frame dwelling.
 Owner—H. Millan, 1660 Fell St.
 Contractor—E. W. Perkins, 3500 Fulton St.
 Architect—Not given. \$3000

DWELLING
 (2092) W. 29th AVE. 200 S. Cabrillo. One-story frame dwelling.
 Owner and Builder—J. E. Mohler, 626 36th Ave.
 Architect—Not given. \$4000

ALTERATIONS
 (2093) 319 MAIN ST. Alter steel shelter.
 Owner—Pacific Diamond H Bag Co., Premises.
 Contractor—Rees Blow Pipe Mfg. Co., Inc., 340 7th St.
 Architect—Not given. \$2000

ALTERATIONS
 (2094) S. CHESTNUT 50 W. Scott St. Alter market.
 Owner—Safeway Stores Inc., 1000 Brannan St.
 Contractor—J. Malloch, 666 Mission Street.
 Architect—Not given. \$1000

ALTERATIONS
 (2095) 1690 FILLMORE STREET. Alter market.
 Owner—Weif & Co., agents, 34 Sutter St.
 Contractor—L. A. Hinson, 756 4th Ave.
 Architect—Not given. \$1200

ALTERATIONS
 (2096) N.E. O'FARRELL & TAYLOR. Alter tire shop.
 Owner—Larry Barrett, c/o contractor.
 Contractor—Barrett & Hilp, 918 Harrison St.
 Architect—Not given. \$2000

DWELLING
 (2097) E. GRANADA 70 N. Lakeview. One-story frame dwelling.
 Owner—Vera M. Burki, 160 Granada Ave.
 Architect—Not given. \$2800

ALTERATIONS
 (2098) 2052 FILBERT ST. Alter flats.
 Owner—D. Damele, prem.
 Contractor—Ira W. Coburn, 2043 Market St.
 Architect—Not given. \$1000

DWELLING
 (2099) W. LUNADO WAY 60 S. Mercedes. Two-story frame dwelling.

Owner—Wm. B. David, 988 Market Street.
 Contractor—Moore & Roberts, 693 Mission St.
 Architect—Not given. \$7500

ALTERATIONS
DWELLING
 (2100) 675 & 677 ASH STREET. Alter dwelling.
 Owner—Hannah Valentin, 674 Fulton Street.
 Contractor—Kerr & Raskels, 666 Mission St.
 Architect—Not given. \$1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2176	Langendorf	Heatham	1000
2177	Pond	Pond	4000
2178	Roseberg	Owner	3800
2179	Univ. Inc. Co.	Early	20000
2180	Hollis	Roberts	5000
2181	Anderson	Owner	3300
2182	Birch	Henning	5000
2183	Sybrian	Burnsen	6000
2184	Talbot	Patterson	4000
2185	Boggs	MacGregor	2400
2186	Brasch	Brasch	5000
2187	Brown	Sherwood	3500
2188	Carter	Foster	7000
2189	Gallot	MacGregor	2400
2190	Knudsen	Anderson	6000
2191	McCormick	Peterson	4000
2192	Read	MacGregor	2400
2193	Read	MacGregor	2200
2194	Breckenridge	Owner	2000
2195	Groom	Groom	3200
2196	Lacey	Lynn	1000
2197	Myers	Owner	4000
2198	Sanguinetti	Woodburn	9500
2199-2200	Scherman	Spivock	3500
2201	Texas Co.	Norris	5200
2202	Weightman	Owner	2500
2203	Wisheropp	Owner	4500
2204	Womack	Womack	3500
2205	Goodings	Reininghaus	4100
2206	Harbad	Wilson	3950
2207	Newlon	Rubinow	1500
2208	Univ. of Calif.	Sproul	5475
2209	Casha	Owner	3350
2210	Gamberutti	Hill	4000
2211	Jensen	Pedersen	6000
2212	Leamington	Dinwiddle	50000

RE-ROOF.
 (2176) 2029 CHANNING WAY, BERKELEY. Reroof.
 Owner—Langendorff Bakeries, 2029 Channing Way.
 Contractor—N. V. Heatham Roofing Co., 354 Hobart.
 Architect—Not given. \$1000

DWELLING
 (2177) 3500, 3506, 3514 65th AVENUE, OAKLAND. One-story, 5-room dwelling.
 Owner—Josephine K. Pond, 1056 Ardmore Ave.
 Contractor—C. P. Pond, 1056 Ardmore Ave.
 Architect—F. H. Slocombe. \$4000 each.

DWELLING
 (2178) 2041 55th AVENUE, OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—August Roseberg, 1712 48th Ave.
 Architect—Not given. \$3800

REPAIRS
 (2179) 1321, 1331 WASHINGTON ST., OAKLAND. Fire repairs.
 Owner—University Invest. Co., Berkeley.
 Contractor—Fred J. Early Jr., 366 40th St.
 Architect—Not given. \$20,000

DWELLING
 (2180) 1023 KEELER, BERKELEY. One-story, 5-room frame dwelling and garage.

Owner—Max Hollis.
 Contractor—R. G. Roberts & Son, 4840 Proctor Ave., Oakland.
 Architect—Not given. \$5000

DWELLING
 (2181) 2821 55th AVE., OAKLAND. One-story, 5 room dwelling.
 Owner and Builder—Chas. Anderson, 3917 Park Blvd.
 Architect—Not given. \$3300

DWELLING
 (2182) 2108 TIFFIN ROAD, OAKLAND. One-story, 5-room dwelling.
 Owner—J. C. Birch.
 Contractor—K. J. Henning, 1 Home Place.
 Architect—Not given. \$5000

DWELLING
 (2183) 2626 BEAL AVE., OAKLAND. Two-story, 6-room dwelling.
 Owner—Hertha Sybrian.
 Contractor—A. F. Burnsen, 959 San Jose St., San Leandro.
 Architect—Not given. \$6000

DWELLING
 (2184) 7200 SUNKIST DRIVE, OAKLAND. One-story, 5-room dwelling.
 Owner—Fay L. Talbot.
 Contractor—J. F. Patterson, 7621 Foothill Blvd.
 Architect—Not given. \$4000

DWELLING
 (2185) 507 CORNELL, ALBANY. One-story 4-room frame dwelling.
 Owner—Charlotte M. Boggs, 1391 Solano.
 Contractor—C. M. MacGregor, 1391 Solano.
 Architect—Not given. \$2400

DWELLING
 (2186) 1424 LINCOLN, BERKELEY. One and one-half story, 6-room frame dwelling and garage.
 Owner—M. B. Brasch, 1600 Mountain Blvd.
 Contractor—M. P. Brasch, 1600 Mountain Blvd.
 Architect—Not given. \$5000

DWELLING
 (2187) 517 KEY ROUTE BLVD., ALBANY. One-story 4-room frame dwelling.
 Owner—E. Brown, 541 Key Route Blvd.
 Contractor—F. E. Sherwood.
 Architect—Not given. \$3500

DWELLING
 (2188) 10 PARNASSUS, BERKELEY. Two-story 6-room frame dwelling and garage.
 Owner—H. D. Carter, 2705 Hillegass.
 Contractor—W. G. Foster, 34 Avon Road.
 Architect—M. Goodman, 2163 Center. \$7000

DWELLING
 (2189) 519 KAINS, ALBANY. One story 4-room frame dwelling.
 Owner—Marian L. Gallot, 1391 Solano.
 Contractor—C. M. MacGregor, 1391 Solano.
 Architect—Not given. \$2400

DWELLING
 (2190) 1170 STERLING, BERKELEY. Two-story 5-room frame dwelling and garage.
 Owner—G. O. Kuidsen, S. F.
 Contractor—F. W. Anderson, 2111 Ashby Ave.
 Architect—Not given. \$6000

DWELLING
 (2191) 1205 GARFIELD, ALBANY. One and one-half story 5-room frame dwelling.

Owner—Jos. B. McCormick.
Contractor—G. Peterson, 1336 Portland Ave.
Architect—Not given. \$4000

DWELLING
(2192) 516 STANNAGE, ALBANY.
One-story 4-room frame dwelling.
Owner—Florence M. Read, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2400

DWELLING
(2193) 809 TALBOT, ALBANY. One story 4-room frame dwelling.
Owner—Florence M. Read, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2200

ADDITION
(2194) 4456 PIEDMONT AVENUE, OAKLAND. Addition.
Owner and Builder—Harry L. Breckenridge, 4456 Piedmont Ave.

DWELLING
(2195) 3723 MADRONE AVE., OAKLAND. One-story 5-room dwelling.
Owner—A. F. Groom, 1517 77th Ave.
Contractor—Groom & Groom, 5405 Brookdale Ave.
Architect—Not given. \$3200

ADDITION
(2196) 583 SPRUCE ST., OAKLAND. Addition.
Owner—Dr. L. L. Lacey.
Contractor—Willis F. Lynn, 1037 Ashmount Ave.
Architect—Not given. \$1000

DWELLING
(2197) 6932 SAYRE DRIVE, OAKLAND. Two-story 5-room dwelling.
Owner and Builder—Henry F. Meyers, 1750 Walnut St., Berkeley.
Architect—Not given. \$4000

FLATS
(2198) 2522-24 IVY DRIVE, OAKLAND. Two-story 10-room flats.
Owner—P. J. Sanguinetti, 721 Walker Ave.
Contractor—Ridgeway Woodburn, 2600 La Cuesta.
One-story garage, \$300.
Architect—Not given. \$9500

DWELLING
(2199) 3637 COLUMBIAN DRIVE, OAKLAND. One-story 5-room dwelling.
Owner—Sol Scherman, 2789 Foothill Blvd.
Contractor—Wm. Spivok, 544 Golden Gate, S. F.
Architect—Not given. \$3500

DWELLING
(2200) 3643 COLUMBIAN DRIVE, OAKLAND. One-story 5-room dwelling.
Owner—Sol Scherman, 2789 Foothill Blvd.
Contractor—Wm. Spivok, 544 Golden Gate, S. F.
Architect—Not given. \$3500

WAREHOUSE
(2201) FERRY & DOLPHIN STS., OAKLAND. One-story steel warehouse.
Owner—The Texas Co., Ferry and Dolphin Sts.
Contractor—Ralph E. Norris, 361 17th St.
Architect—Not given. \$5200

ALTERATIONS
(2202) 3418 SUTTER STREET, OAKLAND. Alter and Add.

Owner and Builder—M. R. Weightman, 3418 Suter St.
Architect—Not given. \$2500

DWELLING
(2203) 4040 COOLIDGE AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—W. H. Wishepp, 770 Wesley Ave.
Architect—I. M. Johnson, 2219 7th Ave. \$4500

DWELLING
(2204) 1821 107th AVENUE, OAKLAND. One-story 5-room dwelling.
Owner—A. E. Womack.
Contractor—Womack & Son, 94 Oakes Blvd., San Leandro.
Architect—Not given. \$3500

DWELLING
(2205) 1646 ARCH, BERKELEY. One-story 6-room frame dwelling and garage.
Owner—H. Goodings, 1642 Arch.
Contractor—B. Reininghaus, 117 El Camino Real.
Architect—Not given. \$4100

DUPLEX
(2206) 2348 WARD, BERKELEY. One-story 8-room duplex.
Owner—Lucy M. Harbad, 2720 Telegraph.
Contractor—L. R. Wilson, 2216 Blake.
Architect—Not given. \$3950

STUDIO
(2207) 951 MILLER, BERKELEY. Garden studio.
Owner—W. E. Newlon, 981 Miller.
Contractor—Rubinow, 523 Spruce.
Architect—Not given. \$1500

GLASS HOUSE
(2208) 2175 HEARST, BERKELEY. One-story 1-room glass house.
Owner—U. of C. Campus.
Contractor—H. R. Sproul, 4409 Harbor Dr., Oakland.
Architect—Not given. \$5475

DWELLING
(2209) 8137 BROOKDALE AVENUE, OAKLAND. One-story 5-room dwelling.
Owner and Builder, Teo. C. Casha, 2123 East 30th St.
One-story garage, \$200.
Architect—Not given. \$3350

DWELLING
(2210) 2146 108th AVE., OAKLAND. One-story 5-room dwelling.
Owner—Frank Gamberutti.
Contractor—R. Hill, 880 St. Mary Ave., San Leandro.
Architect—Not given. \$4000

DWELLING
(2211) 1011 BROOKWOOD ROAD, OAKLAND. Two-story 6-room dwelling.
Owner—H. Jensen, 4965 Desmond St.
Contractor—Jensen & Pedersen, 3443 Adeline St.
Architect—J. D. Wagenet, 14th and Franklin Sts. \$6000

ADDITION
(2212) 365 19th STREET, OAKLAND. Two-story concrete addition.
Owner—Leamington, Inc., 714 Easton Bldg.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., S. F.
Architect—H. A. Thomsen, Jr., 315 Montgomery St., S. F. \$50,000

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$560; 1243 23rd Ave.; owner, F. G. Graham, prem-

ises; contractor, National Roofing & Siding Co., 2172 Market St. SIGN, electric, \$250; California and 3rd Ave.; owner, Moeco, prem.; contractor, Adlie Neon Corp., 5835 3rd St.

ALTER electric sign, \$400; 1268 Sutter St.; owner, Avalon Ballroom, prem.; contractor, QRS Neon, 690 Portero.

ALTER restaurant, \$200; 2162 Mission St.; owner, Mow Fung, prem.; contractor, Frank Yick, 670 Washington St.

ALTER dwelling, \$350; 3410 California; owner, John Cazenane, 3434 California.

ALTER dwelling, \$490; 102 Leese St.; owner, James T. Linn, prem.; contractor, National Roofing and Siding Co., 2172 Market.

FLUE, \$5; 2826 Ingalls; owner and builder, I. Guidi, 2830 Ingalls.

ALTER flats, \$450; 445 Tehama; owner, Andrew Goodall, 632 San Bruno Ave.; contractor, Pearson—Johnson, 2031 Bryant St.

SIGN, electric, \$20; N.E. Mendell & 3rd; owner, Associated Oil Co., 690 Potrero; contractor, QRS Neon, 690 Potrero.

ALTER dwelling, \$385; 659 2nd Ave.; owner, Edward O'Brien, prem.

ALTER dwelling, \$400; N.W. 4th Ave. & Balboa; owner, N. Kanjos, 138 Erie St.; contractor, Ed. Rosemont, 176 Duboce Ave.

SIGN, electric, \$490; S.E. Columbus Ave. & Pacific Ave.; owner, McKales, prem.; contractor, Brumfield, 965 Folsom St.

FLUE, metal, \$20; 239 Jefferson St.; owner, F. Amnio & V. Crivello, prem.; contractor, Lambertson Co., 942 Mission St.

BUILDING CONTRACTS ALAMEDA COUNTY

225 Univ Calif. Sproul 6489

GLASS HOUSE
(225) OXFORD ST., BERKELEY. Glass house and yard.
Owner—Regents U. of Calif., Berkeley.
Architect—W. P. Stevenson, U. C. Campus.

Contractor—Harold R. Sproul, 307 Berkeley Park Blvd., Berkeley.
Filed, Sept. 1, '38. Dater, Aug. 23, '38.
First day of each month, labor and mat. 75%

Usual 35 days TOTAL, \$6489.00
Bond, lab. & mat., \$3244.50, performance, \$3244.50, Sureties, Fireman's Fund Indem. Co.
Forfeit, \$10 per day. Limit 60 days. Plans and specifications filed.

BUILDING CONTRACTS SAN FRANCISCO COUNTY

358 Spanish Union Chiodo 17100

(358) N. W. 23rd St & RHODE ISLAND ST. Two-story frame store with apts., and 1-story frame dwelling in rear.

Owner—Union Espanola De California.

Architect—G. A. Berger.

Contractor—Michele Chiodo, 1186 Rhode Island St.

Filed, Sept. 1, '38. Dated, Aug. 1, '38.

Foundations in 1500

Frame up 3300

Brown coat 33000

Completion 33600

Usual 35 days TOTAL, \$17,100

Bond, \$8,600. Sureties, Michele Chiodo & Flora Chiodo.

Limit, 100 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Parks, Stages and Jails |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

4— FACTORIES & WAREHOUSES

Bids in INDUSTRIAL PLANT. Cost \$200,000 SAN FRANCISCO, Mariposa and Arkansas Streets.

Three-story reinforced concrete, flat slab, industrial plant (100x200').

Owner—Dwight Edwards Company, Consulting Structural Engr. — Jesse Rosenwald, 525 Market Street.

Bids are in and being held in abeyance.

5— FLATS

Contract Awarded
FLATS Cost, \$21,000
SAN FRANCISCO, NW Alabama and Army Streets.

Two-story frame flats.
Owner—A. F. Florito, 1456 Florida St. Architect — H. C. Baumann, 251 Kearny Street.

Contractor — George Wagner, 181 South Park. (569) 5

7— FEDERAL BUILDINGS

BIDS WANTED
RENO, Nevada.—Until September 20, 2.30 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, California, for providing, installing and finishing complete, slate, marble work, floor and wall tile, in Treatment Building No. 1, Veterans Administration Facility, Reno, Nevada.

BIDS OPENED
TIBURON, Marin Co., Calif.—Booth & Little, Magnolia Avenue, Larkspur, at \$902, on item one, submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing material and installing a new roof (23 squares more or less) on Building No. 20 at the U. S. Naval Fuel Depot, Tiburon/ Spec. No. 8959.

Bids were taken as follows: (1) work complete using asbestos shingles (2) work complete using asphalt shingles (3) ded. from 1 and 2 if the solid laid sheathing is not removed.

Complete bids were:
Booth and Little, Larkspur (1) 902 (2) 616. (3) 190.

Richmond Roofing and Construction Co., S. F. (1) 987.40 (2) 741.50 (3) 152.

J. W. Bender Roofing Co., S. F. (1) 1,000.68 (2) 730 (3) —.

Alta Roofing and Mechanical Co., S. F. (1) 1,124 (2) 799 (3) 35.

CONTRACT AWARDED

NEW YORK, Puget Sound, Mare Island and Boston.—As previously reported, Elliott Co., Jeannette, Pa., at \$434,635, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 8818, for turbo-alternators, condensers and auxiliaries, at the Navy Yards, New York, N. Y.; Puget Sound, Wash.; Mare Island, Calif. and Boston, Mass.

BIDS WANTED

SAN DIEGO, Calif.—Bids are now being received (no opening date set) by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for concrete pier 750 feet long by 60 ft. wide with tracks and pipe and electric service lines at the Naval Operating Base (Destroyer Base), San Diego, Calif.; Spec. No. 8840, est. cost, \$550,000.

Drawings and specifications may be obtained from the Bureau and from the Commandant, Naval Operating Base, San Diego, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

MARCH FIELD, Riverside Co., Cal.—Johnson, Drake & Piper, 1126 Transamerica Bldg., L. A., was awarded contract by War Department at \$200,000, for erection of the Superstructure of a barracks building for 330 men at March Field. It will be a reinforced concrete structure. *7

CONTRACT AWARDED

HICKAM FIELD, T. H. — Von Hamm Young Co., Honolulu, at \$2,226 awarded contract by the Constructing Quartermaster, Hickam Field, T. H., for furnishing and erecting of a flag pole at Hickam Field, T. H. (2861) 1st report July 29; 2nd August 29, 1938. *7

BIDS RETURNED UNOPENED

SAN FRANCISCO.—Bids received August 31, by the Procurement Division, Public Bldgs Branch, Washington, D. C., for interior and exterior painting and repairs at the U. S. Custom House, San Francisco, will be returned to bidders unopened on account of change in specifications.

Contract Awarded
ELEVATOR Cont. Price \$168,592
LOS ANGELES, Calif. Parcel Post Bldg., N. E. cor. Alameda and Macy Sts.

Installation of elevators in U. S. Parcel Post Bldg.
Owner—U. S. Government.
Plans by Supervising Arch., Treasury Dept., Washington, D. C.
Contractor—Otis Elevator Co., 1 Beach St., S. F.

CONTRACT AWARDED

PARKER, ARIZ.—P. W. Womack, 1712 S. Centra Ave., Phoenix, Ariz., awarded contract by U. S. Indian Irrigation Service, at \$99,968, for complete constr. of headquarters bldgs for the Colorado River project, Parker, Ariz. 7

Contract Awarded

POSTOFFICE Cont. Pr., \$58,968
MANTECA, San Joaquin Co., Calif.
Construction of U. S. Post Office.
Owner—U. S. Government.
Plans prepared by Supervising Architect of the Treasury Department,

Washington, D. C.
Contractor—Robert McCarthy, 1363 14th Ave., San Francisco.

LOW BIDDER

FORT LEWIS, Wash.—Allen and Earley, 1113½ A Street, Tacoma, at \$125,960, submitted low bid to the Constructing Quartermaster, Fort Lewis for construction of three warehouses at McChord Field, Pierce Co. Second low bid submitted by Herbert Conway, Washington Bldg., Tacoma, at \$143,649. *7

BIDS WANTED

MARE ISLAND, Calif.—Bids now being received (no date set) by the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8907, for steam turbine of straight condensing type for direct connection to existing turbo air compressor including accessories at the Navy Yard, Mare Island, California. Estimated cost, \$40,000.

Plans and specifications may be obtained from the Commandant, Navy Yard, Mare Island, upon the deposit of \$10. (599) *7

CONTRACT AWARDED

YERBA BUENA SHOALS, Calif.—Herrick Iron Works, 1729 Campbell Street, Oakland, at \$25,624 awarded contract by California Commission for the Golden Gate International Exposition, 660 Market Street, San Francisco, for construction of the structural steel work for the Auditorium Building, at Yerba Buena Shoals.

BIDS WANTED

FORT LEWIS, Wash.—Until September 30, 11 A. M., bids will be received by Capt. E. P. Antonovich, Fort Lewis, for construction of 2-500 men barracks; approximate estimated cost for all work, \$1,400,000.

Plans may be obtained from Capt. Antonovich, upon deposit of \$50 certified check.

Bids Wanted—To Close October 13
POST OFFICE Cost, \$75,000
CANOGA PARK, Los Angeles, Co., Calif.

United States Post Office.
Owner—U. S. Government.
Architect—Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs., Branch, Washington, D. C.

BIDS WANTED

MARTINEZ, Contra Costa Co., Cal.—Bids are now being received by the Custodian of the Building for concrete walks at the U. S. P. O. at Martinez. 7

Contract Awarded

FORT LEWIS, Wash.—Macdonald Building Co., 1517 S. Tacoma Way, Tacoma, at \$98,490, under items 6, 7 and 8 awarded contract by the Army Dept., Quartermaster Construction Division, for construction of two 5-family houses for company officers at McChord Field.

Second low bid was submitted by Sound Construction and Eng Co. of Seattle, at \$99,624.

September 8, 1938

Contract Awarded
FORT LEWIS, Wash.—Allen and Earley, 1113½ A Street, Tacoma, at

\$125,960 (under Items 1 and 7) awarded contract by the Constructing Quartermaster, Fort Lewis, for construction of three warehouses at McChord Field, Pierce County. 7

CONTRACT AWARDED

TIBURON, Marin Co., Cal.—Booth & Little, 447 Magnolia Ave., Larkspur, at \$902 awarded contract by the Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing material and installing a new roof (23 squares more or less) on Building No. 20 at the U. S. Naval Fuel Depot, Tiburon, Spec. No. 8959. Only other bid submitted by Richmond Roofing & Constr. Co., S. F., at \$987.40.

CONTRACT AWARDED

HONOLULU, T. H. — Ralph E. Woolley, Honolulu, T. H., at \$3,900 awarded contract by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for painting exterior and interior woodwork at U. S. Post Office and Court House, Honolulu. 7

CONTRACT AWARDED

SEATTLE, Wash.—Moline Elevator Co., 113 Madison St., Seattle, Wash., at \$650 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installation of new elevator in the Federal Office Bldg. at Seattle. 7

CONTRACT AWARDED

SAN DIEGO, Calif.—A. Corradini & Sons, 4880 Valley Blvd., Los Angeles, at \$358 awarded contract by the Public Works Officer, Eleventh Naval District, San Diego, under Spec. No. 8916, for installing approximately 680 sq. ft. of terrazzo floor and 70 lin. ft. of terrazzo base in the officers' mess at the Naval Operating Base (Marine Corps Base), San Diego. 7

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until October 5, 11 A. M., (as previously reported) bids will be received by the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8907, for steam turbine of straight condensing type for direct connection to existing turbo air compressor including accessories at the Navy Yard, Mare Island, California. Estimated cost, \$40,000.

Plans and specifications may be obtained from the Commandant, Navy Yard, Mare Island, upon the deposit of \$10.

LOW BIDDERS

MARE ISLAND, Solano Co., Calif.—Bury Compressor Co., Erie, Penn., at \$41,730 for air compressors, and Condenser Service Engineering Co., Hoboken, at \$3,396 for condensers, submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for air compressors and condensers, spec. No. 8823. Ingersoll Rand Co., Washington, D. C., at \$41,922 submitted second low bid for air compressors at \$41,730.

BIDS OPENED

SANTA BARBARA, Calif.—William Gilfan, Los Angeles, at \$3,230, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting, plastering, etc., at the Post Office, Santa Barbara.

Complete bids follow:

William Gilfan, Los Angeles, \$3-230.00.
Patterson Bros., Oakland, \$3,375.00.
Robt. E. L. Majots, El Paso, \$3-510.00.
Raphael Co., San Francisco, \$3-

520.00.

Pacific Painting and Decorating Co., Oakland, \$3,777.00.
R. A. Neuman, McMinnville, Oregon, \$4,520.00.

H. L. Brandes, Santa Barbara, \$5-253.00.

Darrell T. Stuart, Santa Barbara, \$6,348.20

• 7

Bids Opened**HOSPITAL ADDITION.**

FRESNO, Fresno Co., Calif. Addition of new brick kitchen wing at Fresno County General Hospital.

Owner—County of Fresno, c/o County Clerk, Courthouse, Fresno.
Architect—Fred E. Swartz, Brix Bldg. Fresno.

Low Bidder—Trehwhitt-Shields and Fisher, Pacific Southwest Bldg., Fresno, \$96,444.

Separate bids were received for general work and kitchen equipment. Complete bids were:

General Work
Trehwhitt-Shields & Fisher, Fresno, \$96,444.

R. W. Brown Construction So., Madera, \$98,844.

W. J. Ochs, Inc., Fresno, \$102,197.

Midstate Const. Co., Fresno, \$105-973.

T. C. and W. H. Irwin, Fresno, \$106, 537.

L. H. Hansen & Sons, Fresno, \$108-084.

Kitchen Equipment
Dohrmann Hotel Supply Co., Butler Bldg., S. F., \$19,482.
Mangrum Holbrook & Elkus, S. F., \$16,698.

Bids held under advisement.

Bids Wanted — To Close September 20, 12 Noon.

HOSPITAL ADDITION

Cost, \$15,000
FORT BRAGG, Mendocino Co., Calif.

Two-story and basement frame and Redwood siding addition to the Redwood Hospital.

Owner—Redwood Hospital Assn. Architect—John Easterly, Healdsburg and Santa Rosa.

Plans and specifications obtainable from the architect's office, 310 Exchange Bank Bldg., Santa Rosa upon deposit of \$10. Bids will be opened at the architect's office.

Following have taken out plans: Joseph Chirhart, 431 10th Street, Santa Rosa.

John H. Schleder, 5621 Shafter Ave., Oakland.

12— POWER PLANTS**CONTRACT AWARDED**

ALCATRAZ, Calif.—Herman Lewson Company, 465 Tehama Street, San Francisco, awarded sub contract by Clinton Construction Co., 923 Folsom Street, for mechanical work for construction of a power house at the U. S. Penitentiary, Alcatraz Island.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded
ADDITION Cont. Price, \$42,880
SACRAMENTO, Calif., 1 Street bet.

Ninth and Tenth Streets. Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento. Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor — Wm. C. Keating, 1121 24th Street, Sacramento.

Complete bids were:

Wm. C. Keating, \$42,880.
Carnegie Const. Co., \$43,325.
H. W. Robertson, \$46,893.

Chas. Unger, \$45,600.
Otto Steinbrenner, \$45,800.
Azevedo Const. Co., \$49,987.

To Ask Bids Shortly CITY HALL

SONORA, Tuolumne Co., Calif. Construction of City Hall, Library and Fire House.

Owner City of Sonora. Structural Engineer—Charles Gulick, Stockton.

Plans are completed and bids will be asked in approximately two weeks. Contractors desiring to bid are requested to write to the City Clerk of the City of Sonora, so they may receive the plans and specifications without delay when they are approved.

BID OPENED

LOS ANGELES, Calif.—Peterson Bros., Inglewood, at \$9,769, submitted only bid to Geo. B. McDougall, State Architect, Public Work Bldg., 12th and "N" Sts., Sacramento, for landscape work and sprinkler system, State Office Building, at Los Angeles. (447 1st report August 19, 1938.

BIDS WANTED

SACRAMENTO, Calif.—Until September 23, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for plant repairs, estimate cost, \$19,690.

Plans and specifications obtainable from the city clerk.

Bids Opened

DORMITORY UNITS
SAN LUIS OBISPO, Calif., California Polytechnic School.

Erection and completion of Six Dormitory Units, consisting of six one-story wood frame buildings, covered on exterior with wood siding on walls and composition shingles on roof. Interior walls and ceilings are plastered. Windows and doors are of wood.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacto.

Low Bidder—O. R. Ochs, 791 Church St., San Luis Obispo, \$27,400.

Separate bids were received for general work, plumbing and heating, and elevator work.

Complete bids follow:

General Work
O. R. Ochs, San Luis Obispo, \$27-400.

Theo. M. Malno, San Luis Obispo, \$29,210.

F. C. Stolte Co., Pacific Grove, \$29,675.

Empire Construction Co., S. F., \$29-770 (includes telegraphic deduction of \$5,230).

B. A. Howkins & Co., S. F., \$32,862 (includes telegraphic deduction of \$800).

Plumbing and Heating
Smees Plumbing and Heating Co., San Luis Obispo, \$4,295.

Scott Co., Inc., S. F., \$4,973.

Elevator Work
Moore Elevator Co., L. A., \$2,636.
Allen Richard Ochs, San Luis Obispo, \$2,786.

Collins Electric Co., Stockton, \$2-862.82.

Bids Wanted — To Close September 16, 10:00 A. M.

Cost, \$201,000
KELSO, Cowlitz County, Washington. Construction of an extension to the County Court House for Cowlitz Co.

Owner—County of Cowlitz. Architect—Ray V. Weatherly, Henry Building, Longview, Wash.

Plans and specifications obtainable at the office of the architect upon

deposit of \$25.

Segregated bids will be received for (1) general (2) plumbing and heating (3) electrical and (4) elevator and will be opened in the office of the Auditor in the Court House, Kelso, Wash.

Contract Awarded

FIRE ENGINE HOUSE
 Cont. Price, \$69,833
FRESNO, Calif., Fresno and E Sts. One - story reinforced concrete fire engine house.
 Owner—City of Fresno.
 Architect — E. W. Peterson, Mason Bldg., Fresno.
 Contractor—Trewwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

BID OPENED

ADDITION
SACRAMENTO, Sacramento Co., Cal. Three-story reinforced conc. addition to county courthouse and pall.
 Owner—County of Sacramento (Chas. W. Deterding, Jr., county executive).
 Architect — Harry J. Devine, Cronan Bldg., Sacramento.

Low bidders W. C. Keating, 1121 24th St., Sacto., \$136,940.
 General bids received with alternate deduction for omitting elevator. Complete bids were:
 W. C. Keating, \$136,940; (a) \$9,350.
 Otto Steinbring, \$138,800; (a) \$9,350.
 Azevedo Constr. Co., \$140,392; (a) \$9,300.
 Campbell Const. Co., \$142,752; (a) \$10,000.
 Lawrence Const. Co., \$142,926; (a) \$9,800.
 H. W. Robertson, \$143,180; (a) \$9,350.
 Lindgren & Swinterton, \$143,200; (a) \$9,000.
 M. R. Peterson, \$149,950; (a) \$1,240.
 Holdener Const. Co., \$151,893; (a) \$9,800.
 All of Sacramento. * 13

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until Sept. 23, 3 P. M. bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market Street, San Francisco, and publicly opened and read in Room 415 of said building, for construction of the Finish Work California State Bldg., Yerba Buena Shoals.
 Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Streets, Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

BIDS WANTED

YERBA BUENA SHOALS—Until September 16, 11:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for general construction, plumbing, heating and ventilating, and electrical work for the interior of the San Francisco Building on Yerba Buena Shoals.
 Deposit of \$15 required for plans and specifications for general construction (est. cost, \$65,000); \$10 deposit for plumbing, heating and ventilating (est. cost, \$9,700) \$10 deposit for electrical work (est. cost, \$10,500).
 Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall.

BID OPENED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend Street, at \$1,983, submitted only bid to the Public Utilities Commission, Room 287, City Hall, for acoustical treatment, painting and fixtures in the Water Department Bldg., at 425 Mason St., S. P.; Spec. W. D. 186.

BONDS VOTED

CITY HALL Cost, \$300,000
FRESNO, Fresno Co., Calif. Four-story concrete City Hall Building.
 Owner—City of Fresno.
 Architects—Franklin and Kump, Jr., T. W. Patterson Bldg., Fresno.
 The City of Fresno voted bonds August 30 in the amount of \$165,000 which proceeds together with PWA grant of \$135,000 will finance construction. * 13

CONTRACT AWARDED

SPADRA, Los Angeles Co., Calif.—Hickman Bros., Inc., 471 8th Street, San Pedro, at \$10,812, awarded contract by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for heating and ventilating work for construction of the Nursery Ward at Pacific Colony, Spadra, Cal. * 13

CONTRACT AWARDED

SACRAMENTO, Calif.—C. J. Hopkinson, 1810 28th Street, Sacramento, at \$7,894, awarded contract by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for elevator hatchway, in the State Building, Sacramento. * 13

SUB-BIDS WANTED

SACRAMENTO, Sacramento Co., Calif.—Lawrence Construction Co., 2574 18th St., Sacramento, is figuring plans and desires sub-bids on all portions of the work for construction of the County Court House addition, Sacramento, for which bids will be opened Sept. 7, 10 A. M.
 Plans prepared by Architect Harry J. Devine, Cronan Bldg., Sacto.

CONTRACT AWARDED

YERBA BUENA SHOALS, Calif.—Ostlund & Johnson, 1901 Bryant St., San Francisco, awarded contract by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., Room 222, for wood maps—Pacific Building. Contract No. 1982.

Preparing Preliminary Plans

ALTERATIONS Cost \$.....
UKIAH, Mendocino Co., Calif. Alterations to present fire station and city hall building.
 Owner—City of Ukiah.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—Herrick Iron Works, 1729 Campbell Street, Oakland, at \$25,624, submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market Street, San Francisco, and publicly opened and read in Room 415 of said building, for construction of the structural steel work for the Auditorium Building.
 Complete bids were:
 Herrick Iron Works, Oakland, \$25,624.
 Bethlehem Steel Co., Alameda, \$28,340.
 Independent Iron Works, Ltd., Oakland, \$29,000.
 Minneapolis-Moline Power Imple-

ment Co., \$29,600.
 (424) 1st report August 16, 1938.

Contract Awarded

COURTOUSE ADDITION
 Contract Price, \$199,823.
REDWOOD CITY, San Mateo Co., Calif., Broadway and Hamilton Avenue.
 Three-story reinf. concrete county office building connected by corridor with present courthouse (two elevators and central heating plant).
 Owner—County of San Mateo.
 Architects—W. H. Toepke, 74 New Montgomery St.; Thomas M. Edwards, 9 Geary St., and H. A. Schary, 605 Market St., San Francisco.
 Contractor—H. H. Larsen Co., 64 S. Park, San Francisco.
 (8) 1st report June 13; 15th, August 24, 1938. * 13

Funds Asked

CITY HALL Cost, \$113,000
SAN MATEO, San Mateo Co., Calif., San Mateo Drive and Baldwin Avenue.
 City Hall, Police and Fire Station.
 Owner—City of San Mateo.
 Architect — W. H. Toepke, 74 New Montgomery Street, San Francisco.
 Application filed for PWA grant of 45% of estimated cost. Balance of funds available from bonds voted August 30 in the amount of \$145,000.

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until September 16, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Building, 660 Market Street, San Francisco, and publicly opened and read in Room 415 of said building, for construction of the Pile Foundations for the Auditorium Building.
 The Auditorium building will be part one and part two stories (approx. 200x300 ft.); Central portion is octagon shaped, 190 ft. across, of steel structure. Outer structure is timber with cement plaster finish.
 Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th & N Streets, Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Bids Wanted—To Close September 27, 2 P. M.

ADDITIONS
SPADRA, Pacific Colony, Los Angeles Co., Calif.
 Additions to Administration Building and Isolation Building; addition to Administration Building is a one-story reinforced concrete building comprising approx. 3230 sq. ft. of floor area; with metal stud partitions, steel sash, wood roof framing and clay tile roof covering; the Isolation Building is a two-story reinforced concrete building comprising approx. 10,080 sq. ft. of floor area; with hollow tile partitions, steel sash and clay tile roof covering.
 Owner—State of California.
 Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.
 Separate bids will be taken as follows: (1) general work (2) heating and ventilating work (3) plumbing work and (4) electrical work.
 Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25, returnable.

Bids must be accompanied by a cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

14— RESIDENCE

Working Drawings Completed
RESIDENCE
ATHERTON OAKS, San Mateo Co., Calif.

California Ranchhouse (9 rooms, 3 baths), brick veneer exterior, steel sash, hardwood floors, tile roof, air conditioning heating system, etc.

Owner—Withheld.
Architect—Edwin L. Snyder, 2104 Addison Street, Berkeley.
Plans will be figured by a selected list of contractors.

Completing Working Drawings
RESIDENCE
MORAGO, Contra Costa Co., Calif.
California Ranchhouse (8 rooms, 3 baths), brick veneer and wood exterior, hardwood floors, hot air heating system, wood sash, tile baths, tile roof, etc.

Owner—Withheld.
Architect—Edwin L. Snyder, 2104 Addison Street, Berkeley.
Plans will be completed in about 10 days and general bids asked.

Completing Working Drawings
RESIDENCE
BERKELEY, Ala. Co., Calif.
One-story frame and stucco residence (8 rooms, 4 baths), hardwood floors, steel sash, hot air heating system, tile roof, etc.

Owner—Withheld.
Architect—Edwin L. Snyder, 2104 Addison Street, Berkeley.

Contracts Awarded
COTTAGES
ELDRIDGE, Sonoma Co., Calif., Sonoma State Home.

Erection and completion of Units 3 and 4, of four cottages for patients at Sonoma State Home; cottages are to be 1-story reinf. concrete buildings with hollow tile partitions, steel sash, wood roof construction and shingle tile roof together with steam service conduit, manholes, wire fencing, yard paving and roadwork.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

General Work
Carl N. Swenson Co., 355 Stockton Avenue, San Jose, \$192,500.

Plumbing
Scott Co., Inc., 243 Minna Street, S. F., \$24,137.

Heating
Alta Electric & Mechanical Co., Inc., 467 O'Farrell Street, S. F., \$27,300.

Electric Wiring
Alta Electric & Mechanical Co., Inc., 467 O'Farrell Street, S. F., \$7,939.

Preparing Working Drawings
RESIDENCE Cost, \$9500
GILROY, Santa Clara Co., Calif.
One-story frame residence; hardwood floors, tile baths, shake roof, etc.

Owner—Mr. Justin Byers, c/o Arch. Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.
Upon completion of plans, general bids will be asked.

Preparing Working Drawings
DUPLEX
MADERA, Madera Co., Calif.
Two story frame duplex residence.
Owner—Mrs. James Bakotich, Jr., Hotel Aragon, Madera.

Architect—Edward W. Kress, 516 1st National Bank Building, San Jose.

Bid Opening Date Postponed Until
Sept. 14, 4 P. M.

RESIDENCE
PIEDMONT, Ala. Co., Calif.
Two-story frame residence; hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
Following contractors are figuring plans:

Carl Walstrom, 1447 Excelsior Ave., Oakland.
S. J. Bertelsen, 30 Extrella Ave., Piedmont.
John Moore Co., 354 Hobart Street, Oakland.
Jensen — Pedersen, 3443 Adeline St., Oakland.
Olaf Petersen, 3626 Rhoda Avenue, Oakland.

V. E. Sigge, 3912 Linwood Avenue, Oakland.
Postponed from Sept. 7.

Plans Being Figured
RESIDENCE
ORINDA, Ala. Co., Calif.

One-story frame and stucco residence; hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Ballinger, c/o Architect. Architects—Williams & Westall, 337 17th Street, Oakland.
Contractor—A. T. Beckett, 224 Scenic Avenue, Piedmont.
Plans are being figured by Mr. Beckett only.

Plans Being Figured — Bids Close
About September 13, Noon.

LODGE
PLACER COUNTY, Calif. near Cisco. Mountain Lodge.
Owner—Withheld.

Architect—Farr and Ward, 68 Post Street, San Francisco.
Plans are being figured by a selected list of contractors.

Bids Rejected
RESIDENCE Cost, \$.....
SAN FRANCISCO.

Two-story frame residence (8 rms.) exterior siding, oil burning warm air heating system, canvas deck, plaster walls, composition, and composition shingle roof, garage.

Owner — Mr. and Mrs. Henry von Murgurgo, c/o Architect.
Architect—Walter C. Clifford, 310 Locust Street.

Bids received August 5 have been rejected. Plans will be revised and new bids asked at a later date.

Sub Contracts Awarded
RESIDENCE
EL CERRITO, Contra Costa Co., Cal.

Two-story frame and stucco residence; gas fired hot air heating system, shingle roof, hardwood floors, tile baths, etc.

Owner—L. W. McLennan.
Architect—John B. Anthony, 462 Elwood Avenue, Oakland.

Contractor—Whalin Bros., 2942 23rd Avenue, Oakland.

Plumbing—Henry Lee, 1390 E. 32nd Street.

Electrical Wiring—Paramount Electric Co., 4216 Telegraph Avenue.

Tile Work—Superior Tile Co., 3743 Broadway.

Brick and Stone Work—E. E. Dooley, 3221 Madeline Street.

Lumber—Blackman and Anderson Lumber Co., 4221 E. 14th Street.
Hardware—Maxwell Hardware Co., 1320 Washington Street.

Painting—Lingard Bros., 1348 McGee Street.

All of Oakland.

Sub Contracts Awarded
RESIDENCE Cont. Price, \$7358
SAN JOSE, Santa Clara Co., Calif.

Vendome Grounds.
One-story frame and stucco residence (7 rooms) hardwood floors, tile bath, wood sash, etc.

Owner—Wm. Jung, c/o Architect.
Architect—Charles McKenzie, Twoby Bldg., San Jose.
Contractor—F. C. Nelson, Montgomery Hotel, San Jose.

Plumbing—Mark Cox, 1091 Carolyn Street.

Electrical Wiring—Russell Electric Co. Montgomery Hotel.

Heating and Sheet Metal—California Sheet Metal Works, 357 W. San Carlos.

Tile Work—Thomas H. Price Co., 90 Vine Street.

Glass and Mill Work—Pacific Manufacturing Co., Santa Clara.

Window Shades—San Jose Window Shade Co., 1007 S. First Street.

Hardwood Floors—Andy Phillips, 1812 Park Avenue.

Iron Grille Work—Otto Hellwig Iron Co., 407 Vine Street.

Brick and Stone Work—Harry Reddiker, Route No. 1, Box 419-A.

Grading, Foundations and Concrete—Pyle Bros., 1404 Jonathan Avenue.

Lumber—Cheim Lumber Co., 1400 Th Alameda.

Hardware—San Jose Hardware Co. 62 W. San Fernando.

Lathing and Plastering—Louis Hoff 323 S. 18th Street.

All of San Jose, unless otherwise noted.

Contract Awarded
RESIDENCE Cost, \$10,000
SAN MATEO, Calif.

One-story frame and stucco residence; hardwood floors, tile baths, shake roof, gas-fired forced-air heating system, wood sash.

Owner—James J. Reeden, 335 W. Bellevue, San Mateo.

Architect—Chaster Treichel, 696 Cleveland Street, Oakland.

Contractor—Surburban Building, Inc. 126 California Drive, Burlingame, Calif. * 1

Contract Awarded
RESIDENCE Cost, \$11,000
SAN BERNARDINO, San Bernardino

Calif.

Two-story frame and stucco residence (9 rooms) approximately 68x46 ft shingle roof, steel sash and screens, oak floors, three bath tile drainboard, brick chimney, and terraces, overhead garage doors, gas furnace, etc.

Owner—James D. Derbin, 463 25th Street.

Architect—Not given.

Contractor—L. P. Scherer, P. O. Box 423, Redlands, Calif.

Preparing Working Drawings
RESIDENCES Cost, \$5,000 e
SAN FRANCISCO.

Forty-five one-story frame and stucco residences (5 rooms ea.) hardwood floors; tile baths, wood sash, etc.

Owner—Withheld.

Architect—C. Clausen, 746 46th Ave., San Francisco.

Taking Segregated Bids
RESIDENCE Cost, \$60
OAKLAND, Ala. Co., Calif.

One-story frame and Redwood shingle residence; central heating plant, hardwood floors, tile bath, wood sash, patio, double garage, etc.

Owner—J. A. Kirkman, Jr., c/o Arch. Architect—E. R. De Chenne, 361 17th St., Oakland.

The architect is now taking segregated bids on all portions of the work.

Preparing Working Drawings
RESIDENCE Cost, \$7500
 GILROY, Santa Clara Co., Calif.
 Two-story frame residence; hardwood floors, tile baths, shake roof, etc.
 Owner—Mr. Colson, c/o Architect.
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Taking Segregated Bids
RESIDENCE Est. Cost, \$5000
 WALNUT CREEK, Contra Costa Co., Calif.

One-story frame and Redwood siding residence (5 rooms), hardwood floors, tile bath, wood sash, etc.
 Owner—Withheld.
 Architect—E. R. De Chenne, 361 17th St., Oakland.

The architect is now taking segregated bids on all portions of the work.

Take Segregated Bids
RESIDENCE
 OAKLAND, Ala. Co., Calif.
 One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, wood sash, etc.
 Owner—J. A. McKeever, 3920 Hopkins St., Oakland.
 Architect—Not given.
 The owner is now taking segregated bids.

Bids Opened
RESIDENCE
 SAN LEANDRO, Alameda Co., Calif.
 One-story rustic residence (3 rooms) single roof, hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Geo. P. Simmonds, 80 Main Street, Hayward.
 Low Bidder—Runo & Runo, Oakland, \$9,775.
 Complete bids were:
 Runo & Runo, Oakland, \$9,775.
 Parsons & Williams, Oakland, \$9,892.
 Arthur Holyoake, Hayward, \$10,000.
 Derry Bros., San Leandro, \$10,080.
 O. L. Helmkamp, San Leandro, \$10,045.
 Bids held under advisement.

Taking Segregated Bids
RESIDENCE Cost, \$.....
 MARTINEZ, Contra Costa Co., Calif.
 One-story residence (5 rooms), tile roof, exterior stucco, furnace, etc.
 Owner—Herman Coce, 1335 Estucillo St., Martinez.
 Architect—Not given.
 The owner is now taking segregated bids. 14

15— SCHOOLS

BIDS OPENED
DINING HALL
 PETALUMA, Sonoma Co., Calif. Fair Grounds Sub-Division, Fair St., Lots 1 and 2, Blk. 12.
 One-story frame and stucco dining hall (cafeteria) addition to high school.
 Owner—Petaluma City High School District.
 Architect—Brainerd Jones, 226 Washington St., Petaluma.
 Low Bidder—Peter Sartorio, 369 Pine St., San Francisco, \$28,718.
 Complete basic bids follow:
 Peter Sartorio, S. F., \$28,718.
 Walter Singleton, Petaluma, \$29,907.
 Vogensen Construction Co., Petaluma, \$30,516.

BIDS OPENED
PECONSTRUCTION
 PETALUMA, Sonoma Co., Cal. Sheldon and Bassett Sts. (Lots 1, 2, 3, 4, 5, 6, 7, 8, Blk 13).
 Reconstruction of farm mechanics shop building.
 Owner—Petaluma City High School District (Dr. Hall Weston, Clerk).
 Architect—Brainerd Jones, 226 Wash-

ington St., Petaluma.
 Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.
 Low Bidder—Vogensen Construction Co., 100 Washington St., Petaluma, \$13,229.
 Complete basic bids follow:
 Vogensen Construction Co., Petaluma, \$13,229.
 Peter Sartorio, S. F., \$13,304.
 Walter Singleton, Petaluma, \$14,371.

BOND ELECTION
 ROSS, Marin County, Calif.—The Ross School District, will vote September 20 on a proposal to issue bonds in the amount of \$60,000, which proceeds will be used to finance construction of alterations and improvements to school buildings. * 15

BIDS OPENED
 SAN FRANCISCO—J. W. Bender Roofing and Paving Co., 18th and Bryant Streets, at \$58.50 submitted low bid to the Department of Public Works, City Hall, for covering the roof of the Sunshine School, Bryant and 25th Streets with 5-ply tar and gravel on the areas now covered with terra cotta tile.
 Complete bids were:
 J. W. Bender Roofing and Paving Co., \$58.50.
 Alta Roofing Co., \$59.
 Malott and Peterson, \$62. * 15

BIDS REJECTED
 SAN FRANCISCO — The Department of Public Works, City Hall, rejected all bids received for heating equipment for the classroom building at the High School of Commerce, Franklin and Fell Streets.
 E. Sugarman, 2634 Geary Street, at \$17,834, submitted previous low bid.

CONTRACT AWARDED
 COALINGA, Fresno Co., Calif.—Valley Lumber Co., Fresno, at \$2,094.60 awarded contract by the Coalinga Junior High School District for finish hardware at the Junior High School at Coalinga. Plans prepared by Architect W. D. Coates, Rowell Bldg., Fresno.

CONTRACT AWARDED
 KERN COUNTY, Calif. — F. A. Greenough, 2931 22nd St., Bakersfield, awarded contract by Mountain View School District at \$3391, for construction of a fr. addition to the Mountain View School in Kern Co. Chas. H. Biggar, architect, 554 Haberfelde Bldg., Bakersfield. 15

CONTRACT AWARDED
 SANTA BARBARA, Calif.—Whittaker & Snook, 124 E. Arrellaga St., Santa Barbara, awarded contract by the Santa Barbara Board of Education at \$77,400 (subject to PWA approval), for adding seven classrooms to Santa Barbara High School. E. Keith Lockard, architect, 117 E. De la Guerra, Santa Barbara. 15

Bids Wanted—To Close September 28, 8 P. M.
 Est. Cost, \$174,121
SCHOOL, Ala. Co., Calif. Second and Niles School Streets.
 One-story school building to contain ten classrooms, toilet rooms, library, administration office and auditorium to seat about 400.
 Owner—Niles School District.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Grant allotted in the amount of \$78,355.
 Plans and specifications obtainable from the architect's office upon deposit of \$25. Bids will be opened in the office at the Niles School.

Bids Wanted—To Close September 20, 4 P. M.
RECONSTRUCTION
 OAKLAND, Ala. Co., Calif. Kansas Street and Brown Avenue.
 Reconstruction of Laurel School.
 Owner—Oakland School District.
 Engineer—Charles A. Whitton, Second Avenue and 10th Street, Oakland (Sch. Administration Bldg).
 Plans and specifications obtainable from Room 109, 1025 Second Ave., Oakland, upon deposit of \$25. Bids will be opened in the same office.

Bids Opened
GYMNASIUM
 SAN RAMON, Contra Costa Co., Cal. One-story frame and stucco gymnasium building at the high school.
 Owner—San Ramon Valley Un. High School District.
 Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
 Low Bidder: Miller Construction Co., 3917 Mission St., S. F., \$33,300.
 Complete bids follow:
 Miller Construction Co., S. F., \$33,300.
 Emil Person, Berkeley, \$34,343.
 H. J. Christensen Co. & W. E. Lyons Constr. Co., Ala., \$35,820.
 M. R. Crane, S. F., \$36,680.
 D. W. Nicholson, Oak., \$37,973.
 Willis F. Lynn., Oak., \$37,635.
 Robert McCarthy, S. F., \$37,718.
 A. Frederick Anderson, Oak., \$40,574.
 H. H. Smith, Daly City, \$40,744.

Contract Awarded
SCHOOL BLDG
 ORVILLE, Yutite Co., Calif.
 Construction of one-story Industrial Arts bldg. at the high school.
 Owner—Orville Union High School District, Mildred Martin, Clerk.
 Architect—N. W. Saxton, 1602 de Young Bldg., San Francisco.
 Contractor—H. H. Henning, 1751 Berkeley Ave., Stockton.
 Complete bids were:
 H. H. Henning, Stockton, \$37,553.
 Adam Arras & Sons, S. F., \$38,459.
 Sproul & Rogers, Oakland, \$44,900.
 Taber & Higgins, Orville, \$47,900.

To Ask Bids Shortly
DEMOLITION
 OAKLAND, Ala. Co., Calif. Grand & Perry Sts.
 Demolition of the Lakeview School.
 Owner—Oakland School District.
 Engineer—Charles A. Whitton, Second Avenue and 10th Street, Oakland (Sch. Administration Building).
 Bids will be asked in about one week.

Award Recommended
ADDITION
 SALINAS, Monterey Co., Calif.
 Three classroom addition to the Santa Rita School.
 Owner—Santa Rita School District (A. Martinez, Clerk).
 Architect—C. J. Ryland, 136 Boniface Place, Monterey.
 Low Bidder—Albert Staton, 144 Pine Street, Salinas.
 Recommendation made to PWA that contract be awarded low bidder at \$28,334, which includes deduction of alternate proposal c, once, alt. d, twice and alt. e, once; a total deduction of \$1,500.
 Complete basic bids and alternate proposals c, d and e, follow:
 Albert Staton, Salinas, \$29,834 (c) \$50 (d) \$675 (e) \$100.
 J. R. Armstrong, Oakland, \$29,497 (c) \$55 (d) — (e) \$115.
 F. C. Stolte Co., Pacific Grove, \$30,650, (c) \$40, (d) \$700 (e) \$90.
 (150 list report April 13; 5th, August 25, 1938. * 15)

Bids Opened
ADDITION
SALINAS, Monterey Co., Calif.
 First unit, addition to the Junior College, consisting of five classrooms and offices.
Owner—Salinas Union High School District.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., S. F.
Low Bidder—P. T. Wallstrom, 854 Main St., Monterey, \$37,657.
 Complete basic bids follow:
 P. T. Wallstrom, Monterey, \$37,657.
 F. C. Stolte, Alameda, \$39,600.
 Albert Stanton, Salinas, \$39,890.
 Harold C. Geyer, Monterey, \$40,119.
 R. Pedersen, Fresno, \$41,676.
 Award recommended to P. T. Wallstrom on alternate bid of \$27,815. Deduction of \$8,842 taken.

Bids Opened
SCHOOL ADDN.
SALINAS, Monterey Co., Calif.
 One-story frame and stucco addition to the Washington School, consisting of music room, manual training room, domestic science room; composition roof, wood sash, etc.
Owner—Salinas City School District.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—F. C. Stolte, 1405 San Antonio Ave., Alameda, \$40,800.
 Complete basic bids follow:
 F. C. Stolte, Alameda, \$40,800.
 Albert Station, Salinas, \$41,151.
 R. Pedersen, Fresno, \$43,643.
 V. H. Moore, Salinas, \$45,186.
 Harold C. Geyer, Monterey, \$49,929.
 Award recommended to F. C. Stolte, on alternate bid of \$37,600, deduction of \$3200 being taken.

Bids Wanted — To Close September 19, 8 P. M.
GYMNASIUM Cost, \$30,000
LAKEFOK, Lake County, Calif.
 One-story frame gymnasium at Clear Lake High School (composition roof, marble floors; no plumbing work).
Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.
 Plans and specifications obtainable from the architect's office upon deposit of \$15. Bids will be opened at the high school.
 Following have taken out plans:
 A. O. Lightfoot, Upper Lake.
 M. R. Peterson, 1116 O Street, Sacramento.

Bids Wanted — To Close September 27, 8 P. M.
ADDITION Est. Cost, \$30,000
SEBASTOPOL, Sonoma Co., Calif.
 Addition to gymnasium (boys' shower, tennis courts, fences, lockers, etc.) at Anahy High School.
Architect—John Easterly, Healdsburg and Santa Rosa.
 Plans and specifications obtainable from the architects office upon deposit of \$10.

Completing Plans
SCHOOL
GRASS VALLEY, Nevada Co., Calif.
 High school building to contain five classrooms and gymnasium; reinforced concrete construction.
Owner—Grass Valley Union High School District.
Architect—Harry Devine, Cronan Bldg., Sacramento.
 The Grass Valley Union High Sch. District voted bonds recently in the amount of \$125,000.
 Plans will be completed in about

one week and forwarded to State Division of Architecture for approval.

Planned
SCHOOL Cost, \$75,000
SAN MATEO, Calif., Baywood School.
 Construction of new school building to contain five classrooms and kindergarten room, cafeteria room, nurses and book room.
Owner—San Mateo Grammar School District.
Architect—W. H. Toepke, 74 New Montgomery Street, Thomas M. Edwards, 9 Geary Street and H. A. Scharj, 605 Market Street, San Francisco.
 Construction will be financed by bonds recently voted and PWA grant.

BOND ELECTION
FRESNO, Calif.—The City of Fresno will vote September 27 on a proposal to issue bonds in the amount of \$803,000 which proceeds will aid in financing construction school buildings and alterations and additions to school buildings.

Architects Charles Franklin and Fred L. Swartz prepared preliminary plans. 15

Award Recommended
HEATING SYSTEM
SAN RAFAEL, Marin Co., Calif.
 Construction of heating system of Units A, B, C, D, E and F additions to San Rafael High School; also heating of existing shop building.

Owner—City of San Rafael School District (Oliver Hartzell, Superintendent of Schools).
Architect—N. W. Sexton, 1602 DeYoung Bldg., San Francisco.

Contractor—The Scott Co., 113 10th St., Oakland, \$20,354.

Award of contract recommended, subject to PWA approval.

Complete bids were:
 The Scott Co., Oakland, \$20,354.
 Frank J. Edwards, Oakland, \$21,587.
 O'Mara & Stewart, Ltd., S. F., \$21,690.

Little Bros., S. F., \$21,950.
 Herman Lawson Co., S. F., \$22,283.
 Turner & Co., S. F., \$22,332.
 Pacific Heating & Ventilating Co., Oakland, \$22,395.

North Bay Electric Works, Inc., San Rafael, \$22,600.

M. J. Reeves Heating Co., S. F., \$23,600.

Harry Lee, Burlingame, \$24,979.
 Shields Co., San Rafael, \$25,982.

Preparing Preliminary Plans
GYM & AUDITORIUM Cost, \$75,000
CARUTHERS, Fresno Co., Calif.
 Construction of combined gymnasium and auditorium building to seat 800.

Owner—Caruthers Union High School District.

Architect—Fred L. Swartz, Brix Building, Fresno.

Application will shortly be filed for PWA grant to aid in financing. Bond election will be called at a later date.

Bids Wanted—To Close September 26, 2 P. M.
CHEMISTRY BLDG. Cost, \$361,000
CORVALLIS, Oregon.
 Three-story and basement chemistry building.

Owner—Oregon State Board of Higher Education, Charles D. Byrne, Secretary, Oregon Building, Portland.

Plans obtainable from the architect upon deposit of \$30. Bids must be accompanied by 5% bid bond and will be opened by the Secretary of the Oregon State Board of Higher Education.

BOND ELECTION
MONTEREY, Monterey Co., Calif.
 —The Monterey Union High School District will vote September 29 on a proposal to issue bonds in the amount of \$525,000 which proceeds, together with PWA grant, will finance construction of a new high school planned and junior college.

(572) 15
Contracts Awarded
AUDITORIUM. Pont Price, \$130,372
COALINGA, Fresno Co., Calif.
 One-story reinforced concrete and steel auditorium at the Coalinga High School.

Owner—Coalinga Union High School District.
Architect—W. D. Coats, Rowell Bldg., Fresno.
Contractor—O. H. Strauser, 900 Dawson Ave., Long Beach.

General contract awarded on basic bid of \$131,322 with alternate deduction of \$950 on roofing.

Electric Construction Co., 831 Fulton St., Fresno, awarded contract for electric wiring on basic bid of \$21,418 with alternate deduction of \$262.
 Scott Co., Inc., 243 Minna St., San Francisco, awarded contract for plumbing at \$20,847.

Complete bids were:
General Work
 O. H. Strauser, Long Beach, \$131,322.

Central California Construction Co., S. F., \$144,653.

Trevhitt-Shields & Fisher, Fresno, \$147,950.

F. C. Stolte Co., Alameda, \$149,600.

Midstate Constr. Co., Fresno, \$173,373.

N. H. Sjöberg & Son, Oakland, \$174,874.

Electric Wiring
 Electric Constr. Co., Fresno, \$21,156.

American Electric Co., S. F., \$21,470.

Robinson Electric Co., Fresno, \$23,439.

Plumbing
 Scott Co., Inc., S. F., \$20,847.
 Frank Hudson, Fresno, \$22,222.
 Barrett-Hicks Co., Fresno, \$22,473.
 B. A. Newman Co., Fresno, \$23,071.

Contract Awarded
ADDITION Cont. Price, \$3,986
GEYSERVILLE, Sonoma Co., Calif.
 Addition of classroom at grammar school.

Owner—Geyserville Grammar School District.

Architect—John Easterly, 310 Exchange Bank Bldg., Santa Rosa.

Contractor—Heitz & Witter, 318 Powell Street, Healdsburg.

General contract awarded on basic bid with alternate deduction of \$262.

Complete basic bids follow:
 Heitz & Witter, Healdsburg, \$4,248.
 Sam Swindler, Sebastopol, \$4,292.
 M. R. Peterson, Sacramento, \$4,898.

Bids Wanted—To Close September 16, 8 P. M.

SCHOOL ADDN Cost, \$75,000
SALINAS, Monterey Co., Calif. Alisal Elementary School.

1st unit involving alterations converting old auditorium into two classrooms and 2nd unit addition of two classrooms and new auditorium.

Owner—Alisal Un. Elementary Sch. District.

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Bonds voted in the amount of \$48,000, together with PWA grant will finance construction.

Bids being received on first unit of work only.

Plans and specifications obtainable from the architects office upon deposit of \$25.

Bids for second unit of work will be asked later.

CONTRACT AWARDED

LOS ANGELES, CAL.—Brunzen & Jacobson, 2150 Princeton Ave, L A awarded general contract by Temple School Dist, at \$58,296 (subject to PWA approval) for constr of a 1-sto auditorium bldg at the Temple elementary school, near El Monte. T C Kistner, archt, 412 Architects' Bldg L A; Wm T Wright, struct engr. 15

Excavation Bids Wanted — To Close

Sept. 14, 2 P. M.
SCHOOL ADDITION.
PLACERVILLE, Eldorado Co., Calif. Addition to the high school to contain gymnasium, science room and cafeteria.
Owner—El Dorado County High Sch. District.

Architect—Harry J. Devine, Croman Bldg., Sacramento.
The El Dorado County High Sch. District voted bonds July 26 in the amount of \$95,000.

Plans have been forwarded to the State Division of Architecture for approval. Bids are now being received for excavation and grading on the site. Plans and specifications obtainable from the architect upon deposit of \$25, returnable.

Plans Approved

SCHOOL. Est. cost, \$174,121
NILES, Ala Co., Calif., Second and School Sts.
One-story school building to contain ten classrooms, toilet rooms, library, administration office and auditorium to seat about 400.
Owner—Niles School District.

Architect—John J. Donovan, 950 Parker St., Berkeley.
Grant allotted in the amount of \$78,355.

Plans have been approved by the State Division of Architecture and bids will be asked shortly.

Low Bidders

TRAINING SCHOOL
ELLENSBURG, Wash.
Two-story structural steel, wood joist training school (267x171-ft.)
Owner—Central Washington College of Education, Robert McConnell, President.
Architect—John W. Maloney, Larson Bldg., Yakima.
Mechanical Engineer—Lincoln Bouillon, 1411 4th Ave. Bldg., Seattle.
Low Bidder—Wm. Yeaman, Yakima. \$194,330.
A. J. Blythe, Bellingham, at \$39,998 low bidder on mechanical and A. J. Agutter, 600 Harrison, Seattle, at \$17,951 low bidder on elec. wiring.

BIDS WANTED

TRACY, San Joaquin Co., Calif.—Until September 12, 8 P. M., bids will be received by the Tracy Elementary School District, Henry A. McCrory, Clerk, for filling and grading area around new school building located at West Eaton and Parker Avenue, Tracy.
Plans and specifications now on file with the Superintendent of Schools, Tracy.
Bid must be accompanied by certified or cashier's check for 5% of bid.

Plans Approved

ADDITION
PIEDMONT, Ala. Co., Calif.
Addition to Wildwood Elementary School; PWA project.
Owner—Piedmont Elementary School District.
Architect—John J. Donovan, 950 Parker Street, Berkeley.
Plans have been approved by the State Division of Architecture.

Completing Plans

CLASSROOM. Cost, \$5,000
STANISLAUS COUNTY, Calif. Jennings Grammar School.
Addition of one story frame classroom.
Owner—Jennings Elementary School District.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Bids Wanted—To Close September 24, 2 P. M.

SCHOOL
SAN LUCAS, Monterey Co., Calif.
School bldg, to contain three classrooms, auditorium, kitchen, etc.
Owner—San Lucas School District.
Architect—C. J. Ryland, 136 Boniface Place, Monterey.

Bonds voted in the amount of \$45,000, together with PWA grant will finance construction.

Plans and specifications obtainable from the architect's office upon deposit of \$25. Bids will be opened at the San Lucas School.

Award Recommended

ADDITION
MONTEREY CO., Cal., near Soledad.
Addition of two classrooms and enlarging auditorium (frame and stucco construction).
Owner—Mission Grammar Sch. District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.
Low Bidder — Albert Staton, 144 Pine Street, Salinas, \$14,494.

Recommendation made to PWA that contract be awarded low bidder on basic bid, not including alternate deductions.

Complete bids with alternate proposals follow:
Albert Staton, Salinas, \$14,494 (a) \$150 (b) \$122 (c) \$200.
R. Pedersen, Fresno, \$16,489 (a) \$260 (b) \$150 (c) \$175.
Harold C. Geyer, Monterey, \$16,769, (a) \$178 (b) \$167 (c) \$129.
P. T. Wallstrum, Watsonville, \$17,647 (a) \$175 (b) \$180 (c) \$225.

BIDS WANTED

WILLIAMS, Colusa Co., Calif. — Until September 19, 8 P. M., bids will be received by the Williams Union Elementary School District, Ralph F. Fouch, Clerk, for construction of a garage and shower building, and boiler room waterproofing, tennis and volley ball court located at Williams Elementary School, Williams, Calif.

Plans and specifications may be obtained from the Clerk of School Board, Williams, and at the office of R. H. Cooley, Structural Engineer, 354 Hobart Street, Oakland, upon deposit of \$10, returnable.

BIDS WANTED

VENTURA, Calif.—Until September 15, 7:30 P. M., bids will be received by the Ventura Union High School District for the construction of Units "B," "C" and "D" of a two-story Class A physical education and Classroom unit (297 x 179') at Ventura Junior College, Main and Catalina Sts., Ventura, a PWA project. Plans and specifications may be obtained from Architects Roy C. Wilson and Geoffrey N. Lawford, Say Rd., Santa Paula, or from the school district upon deposit of \$25. Certified or cashier's check or bond for 5% required. All work included in general contract.
Manley W. Sahlburg, Architects' Bldg., L. A. is the structural engineer. * 15

BONDS WANTED

SAN MATEO, San Mateo Co., Cal. —The City of San Mateo voted bonds August 30 in the amount of \$145,000

which proceeds will finance construction of school and alterations and improvements to school buildings.

16—BANKS, STORES AND OFFICES

Contract Awarded ALTERATIONS.

SAN FRANCISCO. 753 Bush Street. Alterations and repairs to the Grant Hotel.
Owner—Capital Co., 625 Market St. Plans prepared by Construction Dept. of Owner.
Contractor—Cahill Bros., 206 Sansome St., S. F.

Contract Awarded ALTER STORE

SAN FRANCISCO, Jesse St., bet. 4th and 5th Streets.
Alterations to store.
Owner—The Emporium, Market St. Engineer—Hall Fregoff.
Contractor—Dinwiddie Constr. Co., Ltd., 210 Crocker Bldg., S. F.

BID OPENING POSTPONED

LOS ANGELES, Calif. — Railway Express Agency, 85 Second St., San Francisco, has postponed the date for opening bids for finishing the office portion of their building on the new Union Terminal site in Los Angeles, until today. * 16

Completing Plans

MARKET BUILDING
MODESTO, Stanislaus Co., Calif.
One-story and mezzanine market building (140x125 ft.) with 60 ft. tower.
Owner—Withheld.
Architect—G. N. Hilburn, 1211 K St., Modesto.
Upon completion of plans general bids will be taken.

Plans Being Figured — Bids Close September 12, Noon.

STORE BUILDING
SAN FRANCISCO, 19th Avenue and Irving Street.
Two-story frame store and office building.
Owner—Pacific States Savings & Loan Co.
Architect—Albert F. Roller, Crocker First National Bank Bldg., S. F.
Plans are being figured by a selected list of contractors.
L. C. Dunn, Inc., 681 Market Street, San Francisco, is figuring plans and desires sub bids on all portions of the work. * 16

17— THEATRES

Sub-Contracts Awarded THEATRE

Cost, \$124,980
EUREKA, Humboldt Co., Cal. Sixth Street, between E and F Streets. Three-story reinforced concrete theatre and one-story store bldg.
Owner—Redwood Theatres, Inc. (Geo. M. Mann, Pres.), 988 Market St., San Francisco.
Mgr. of Constr.—William B. David.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Ornamental Iron—Ace Iron Works, 9 Decatur St.
Cement — Calaveras Cement Co., 315 Montgomery St.
Lumber — Hammond Lumber Co., 417 Montgomery St.
Plastering — Wm. Cunningham, 84-4th St.
All of San Francisco.

CONTRACT AWARDED

ELY, Nevada.—Federal Equipment Co., Carlisle, Pa., at \$17, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for bulletin boards for the U. S. Post Office at Ely. 17

Bids Opened**THEATRE**

OAKLAND, Alameda Co., Calif. Hopkins and Brown Sts., Laurel Theatre.

One-story and balcony theatre (to seat 990) reinforced concrete construction.

Owner—State Wide Theatre Co. Architect—A. A. Cantlin, 64 Pine St., San Francisco.

Low bidder—Salih Bros., 25 Taylor St., S. F., \$52,994.

Acceptance of alternate proposals may effect award of contract.

Complete basic bids were:

Salih Bros., S. F., \$52,994.

Moore & Roberts, S. F., \$53,000.

D. W. Nicholson, Oakland, \$53,496.

J. F. Tulloch, Oakland, \$53,772.

A. J. Hopper, Oakland, \$54,289.

Cahill Bros., S. F., \$54,500.

P. J. Walker, S. F., \$61,250.

18—WHARVES & DOCKS**BIDS WANTED**

LOS ANGELES, Calif.—Until Sept. 21, 10 A. M., bids will be received by the Los Angeles Harbor Commission, City Hall, L. A., for construction of reinforced concrete apron wharf facilities at Berths 57 and 60, Wilmington. Spec. 979. * 18

19—MISC. CONSTRUCTION**BIDS WANTED**

COLORADO RIVER AQUEDUCT—Until Oct. 3, 2 P. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., L. A., for fr. cottages and garages as follows: Schedule 1, Iron Mountain, five 4-rm. cottages and one 10-car garage; Schedule 2, Eagle Mountain, one 4-rm. cottage an addition to present garage; Schedule 3, Hayfield, two 4-rm. cottages and addition to present garage. Bidding data may be obtained from the district at 306 W. 3rd St., L. A., upon payment of \$2 per set, which sum will not be refunded. F. E. Weymouth, general manager and chief engineer. * 19

LOW BIDDERS

OVERTON, Clark County, Nev.—H. H. Walker, Inc., 1223 Venice Blvd., Los Angeles, at \$140,362.77 (Copper) and \$124,657.32 (aluminum) submitted low bid to the Overton Power District No. 5, Overton, Clark County, Nevada, for the construction of a rural electrical system, involving approximately 93 miles of line.

Low bids follow:

H. H. Walker, Inc., 1223 Venice Blvd., Los Angeles, (copper) \$140,362.77, (aluminum) \$124,657.32.

Bennett & Taylor, Los Angeles, (copper) \$143,173.10; (aluminum) \$130,149.86.

V. R. Denis Construction Co., San Diego, (copper) \$160,176.75; (aluminum) \$147,518.

H. S. Tittle, San Francisco, (copper) \$165,743.14; (aluminum) \$146,377.02. * 19

CONTRACT AWARDED

DEL NORTE CO., Calif.—Ed Despardin, Crescent City, California, at \$103,400 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8953, for furnishing and installing a 10,000 gal. redwood water storage tank complete with foundations and piping connections at the U. S. Naval Direction Finder Station, Point St. George (Crescent City) Calif.

Fred J. Maurer and Son, at \$750 submitted low bid which was irregular. * 19

BOND ELECTION

WILLOWS, Glenn Co., Calif.—The City of Willows will vote on a proposed September 30 in the amount of \$27,500, proceeds to finance construction of a sewage disposal system, repairs and an annex to the City Library and repairs to the fire alarm system. * 19

CONTRACT AWARDED

GRAND COULEE, Wash.—Westinghouse Electric & Mfg. Co., Denver, at \$2,611,000, awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 787, for furnishing and installing three 108,000-kv-a, unity-power-factor, 120-f.p.m., 13,800-volt, 3-phase, 60-cycle, vertical-s shaft, alternating current generator for the Grand Coulee power plant, Columbia Basin Project, Wash. * 19

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—A. C. Anderson, 4775 19th Street, Sacramento, at \$3,373,000, awarded contract by the Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-39-1, for construction and completion of concrete compass swinging base at Sacramento Air Depot. * 19

Bids Opened**CUSTODIAL BLDGS., ETC.**

SPADORA, Los Angeles Co., Calif. Pacific Colony.

Two, one-story reinforced concrete custodial bldgs. (Hollow tile partitions, steel sash, clay tile roof covering, etc.) and completion of Unit 15.

Owner—State of California.

Architect—George B. McDougall.

State Arch., Public Works Bldg., Sacramento.

Low Bidder—John Strona, Pomona \$247,000.

Separate bids were received for general work, heating and ventilating, plumbing and electrical wiring.

Complete bids follow:

General Work

John Strona, Pomona, \$247,000.
Baruch Corp., L. A., \$257,377 (includes telegraphic deduction of \$2,623).
Harvey A. Nichols, L. A., \$270,794 (includes telegraphic deduction of \$29,206).

Heating and Ventilating

Kenneth Fraser, 1452 N. Lake Ave., Pasadena, \$17,944.
Travers Riddell Co., L. A., \$19,124.
Hickman Bros., San Pedro, \$19,751.
Munger and Munger, Pasadena, \$20,317.

J. Herman Co., L. A., \$20,800.
Johnston and Washer, L. A., \$20,959.
Consolidated Heating and Ventilating Co., L. A., \$23,000.

Plumbing

Kenneth Fraser, 1452 N. Lake Ave., Pasadena, \$21,882.
Johnston and Washer, L. A., \$23,649.
Travers Riddell Co., L. A., \$24,564.
Hickman Bros., San Pedro \$24,753.
Munger and Munger, Pasadena, \$25,109.

Economy Plumbing and Heating Co., Long Beach, \$30,490.

Electric Wiring

Moore Electric Co., 321 W. 3rd St., L. A., \$9,186.
Coast Electric Co., Long Beach, \$9,865.
MacFarlane Electric Co., Santa Ana \$9,939.

H. H. Walker, In., L. A., \$10,200.
Van Cott Co., L. A., \$10,589.
(607) 1st report August 10, 1938 * 19

20—MISC. SUPPLIES AND MATERIALS**BIDS WANTED**

BONNEVILLE, Oregon.—Until September 20, 10:30 A. M., bids will be received by J. R. Ross, Administrator, the Bonneville Project, 1300 NE Ave., Portland, for furnishing conductors and appurtenances for transmission line; similar equipment for Kelso-Bohemian line.

Plans and specifications available from above office.

BIDS WANTED

SACRAMENTO, Calif.—Until September 16, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 10,000 feet copper tubing.

Plans and specifications available from above office. * 20

CONTRACTS AWARDED

SACRAMENTO, Calif.—McGillivray Construction Company and A. Teicher and Son, Inc., Sacramento, at \$8,066, were awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, for furnishing approximately 100,000 gallons emulsified asphalt. * 20

BIDS WANTED

BONNEVILLE, Ore.—Until September 22, 10:00 A. M., bids will be received by J. D. Ross, Bonneville project administrator, Falling Bldg., Portland, for 680,000 feet copper or aluminum high tension cable, 180 connectors and 130 dead end fittings for a 220,000 volt transmission line conductor from Vancouver to Kelso. Shipments are to start November 15 and be completed in February. * 20

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until September 16, 10:00 A. M., bids will be received by the State Board of Prison Directors through Walker & Eisen, architects, 904 Pacific Commerce Bldg., L. A., for furnishing, delivering and unloading the following materials for working garage on the site of the California State Prison, Chino: (1) Structural 12" channel siding and sheis; (2) rough and finish br. rough hdwe and iron; (3) rough and finish br. work bench, pit cover and galv. iron; (4) rough and finish br. rough hdwe, wire mesh and glass; (5) rough and finish br. and hdwe; (6) glass; (7) steel sash; (8) form br.; (9) reinfor. steel mesh and wire; (10) transit-mix concrete (11) ext. mill work; (12) matf foil toilet stalls; (13) mats and plas; (14) pl. mats; (15) flr hardener; (16) mats for comp. rfg. and membrane waterproofing; (17) misc. iron and wire. Lists and spec. may be seen at the office of the architects. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 57,000 cubic yards coarse aggregate and 30,000 cubic yards sand. Inv. 135, opened by U. S. Engineer, Los Angeles, were:

Standard Rock Products—Discount \$20 yard 20th approx.—\$1.32 yard \$114,840 total.
Security Materials Co.—Discount \$2 yard, 25th approx.—\$1.45 yard, \$126,150 total; all or none.
Blue Diamond Corp. City Rock Co. Graham Bros. and Eastside Bldg. Mts. Co.—Discount \$20 yard, 25th approx.—\$1.36 yard, \$118,320 total; all or none.

Consolidated Rock Products and John D. Gregg—Discount \$20 yard \$121,800; all or none. * 20

CONTRACT AWARDED

SACRAMENTO, Calif.—Reliable Elevator Works, 619 California St., Sacramento, at \$18,354, submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of traffic signals located at Sacramento, Calif.

Total bids follow:

Reliable Elevator Works, 619 California Street, Sacramento, \$18,354.00
Luppen and Hawley, Inc., \$19,861.00.
Geo. C. Foss, \$20,627.00.
Rex Moore, \$21,917.00.
J. C. Hobrecht Co., \$21,950.00.

BIDS OPENED

SAN FRANCISCO, Calif.—Following bids submitted to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-84 for furnishing (1) 1500 bolts, and (2) 2250 cinch anchors; f. o. b. Fort Funston, San Francisco.

Bids were:

H. M. Harper, (1) \$63.04, (2) no bid, 2% 10 days.
Baker-Hamilton & Pacific Co., (1) \$49.32, (2) \$140.60, 2% 30 days.
Apex Bolt Products Co., (1) no bid, (2) \$104, 2% 30 days.
Diamond Expansion Bolt Co., (1) no bid, (2) \$94.32, 2% 10 days.
C. F. Screw Co., (1) \$38.19, (2) \$104.60, net.
Ducummm Metals & Supply Co., (1) \$48.69 (2) \$84.80, 2% 30 days.
Marshall Newell Supply Co., (1) \$39.90, (2) \$69.12, 2% 30 days.
Dunham, Carrigan & Hayden Co., (1) \$42.18, (2) \$140.56, 2% 30 days.
Harron Rickard & McCone Co., (1) no bid, (2) \$138.80, 2 30 days. * 20

BIDS WANTED

OAKLAND, Calif.—Until September 14, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under LS 221, for furnishing 15,450 tons crushed rock.

Plans and specifications available from above office. * 20

BIDS OPENED

SAN FRANCISCO, Calif.—Shell Oil Company, at (1) \$6.50, (2) \$7.00, net, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing liquid asphalt road material, Type MC2, as follows:

(1) 24 tons for Crescent Mills;
(2) 40 tons for Niebauer.
Following submitted identical bids at (1) \$11, (2) \$12, net. Standard Oil Company of California, Union Oil Company and Tide Water Associated Oil Co. * 20

BIDS WANTED

BONNEVILLE, Oregon—Until October 4, bids will be received by J. D. Ross, Administrator, the Bonneville Project, 1300 NE Union Avenue, Portland, for copper conductors, as follows:

10:30 A. M.
Bid No. 53: 250,000 C.M. copper conductor and appurtenances for Vancouver-Salem 115 kv. transmission line;
11:00 A. M.
Bid No. 54: 350,000 C.M. copper conductor and appurtenances for Vancouver-Salem 115 kv. transmission line. * 20

BIDS WANTED

BOULDER CANYON PROJECT—Until Sept. 26, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec.

No. 1122-D, for furnishing and delivering materials for metal shelving, bins and benches for warehouse No. 2 and No. 3, Boulder Canyon Project, Arizona - California - Nevada, f.o.b. shipping point and/or Boulder City, Nevada. Shelving, bins and benches will be erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.50 not returnable. 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 50,000 bbls. portland cement f. o. b. mill, Inuit 140, opened by U S Engr, Monolith Portland Cem Co., \$1.58 bbl; total \$79,000; disc \$1.10 bbl. 30 da. Riverside Cem Co, \$1.49 bbl; total \$74,500.

California Portland Cem Co, \$1.58 bbl; total, \$79,000.

Southwestern Portland Cem Co, \$1.63 bbl; total, \$81,500.

Graham Bros, \$1.85 bbl; total, \$92,500.

BID REJECTED

SANTA CRUZ, Calif.—The Santa Cruz City Council rejected the only bid submitted by Central Supply Co., Watsonville, at \$1,086.75 for furnishing 135 cu. yds. mixed Class A Portland cement concrete; f. o. b. North Branciforte Ave., Santa Cruz. 20

BIDS WANTED

MARIPOSA COUNTY, Calif.—Until September 22, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing (1) 760 tons MC-2 cutback asphalt; (2) 1500 tons 90-95 liquid asphalt and (3) 545 tons emulsified asphalt; for use on Section A1, A2 and A3, Route 5, Wawona Road-Glacier Point, Yosemite National Park, Calif.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

SAN FRANCISCO, Calif.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-86, for furnishing (1) 6500 sq. ft. structural clay tile; and (2) Corrugated pipe and pipe bands; f. o. b. Cronkite, Marin Co., Calif.

Bids were:
Gladding McBean & Co., (1) \$307.12, net, 3 days delivery.
California Corrugated Culvert Co., (2) \$92.23, 1/2 of 1% 10 days.
Western Pipe and Steel Co., (2) \$90.02, 1/2 of 1% 10 days.
Basalt Rock Co., (1) \$325, net.
Port Costa Brick Works, (1) \$307.-13, net.

ALAMEDA COUNTY UNDER \$1000

RE-ROOF, \$190; 2624 22nd Ave., Oakland; owner, F. Croft; contractor, Crown Roof Co., 1911 East 12th St.
GARAGE, one-story tile, \$600; 360-62 Perkins St.; owner and builder, G. H. & Geo. Bakar, Petaluma, Rt. 1, Box 230.
One-story garage, \$400.
RE-ROOF, \$190; 4081 Lincoln Ave., Oakland; owner, A. Doukoff, 4081 Lincoln Ave.; contractor, Elliott & Elliott, 770 22nd St.
RE-ROOF, \$155; 1689 35th Ave., Oakland; owner, E. Healy, 1689 35th Ave.; contractor, Elliott & Elliott, 770 22nd St.
RE-ROOF, \$67; 3045 Hopkins Street, Oakland; owner, R. L. Peterman;

contractor, Elliott & Elliott, 770 22nd St.
ADDITION and alter, \$464; 3837 Opal St., Oakland; owner, Mr. Salvo, 3837 Opal; contractor, Samuel Lee, 1500 Versailles Ave.
SHED, \$35; 509 Willow St., Oakland, owner, Katy Hays, 509 Willow St.
SIGN, metal pole, \$2; 666 14th St., Oakland; owner and builder, John Goff.
SIGN, cloth, \$20; 1833 Telegraph Ave., owner, Kessler, 1833 Telegraph; contractor, Paul Neth, 746 21st St.
SIGN, electric, \$150; 5860 Foothill Blvd., Oakland; owner, P. J. Roland, 5860 Foothill Blvd.; contractor, Neon Sign Service, 1707 Folsom St., S. F.
SIGN, metal, \$20; 2363 San Pablo Ave., Oakland; owner, Italian Swiss Colony; contractor, Bob's Sign Service, 597 19th St.
SIGN, metal, \$30; 2830 Seminary Ave., Oakland; owner, Bordens Creamery; contractor, Bob's Sign Service, 597 19th St.
SIGN, electric, \$100; 5501 Telegraph Ave., Oakland; owner, James Nolan; contractor, C. L. Cole, 1610 E. 14th St.
SIGN, electric, \$135; 4195 Park Blvd., Oakland; owner, Royal Cleaners; contractor, C. L. Cole, 1610 East 14th St.
SIGN, electric, \$90.00; 275 13th St., Oakland; owner, N. Richardson; contractor, C. L. Cole, 1610 East 14th St.
SIGN, electric, \$90.00; 2236 Hopkins St., Oakland; owner, P. C. Prescott; contractor, C. L. Cole, 1610 E. 14th St.
SIGN, electric, \$70; 3722 Hopkins St., Oakland; owner, Elizabeth Fagan; contractor, Getz Elec. Sign Co., 1816 East 9th St.
SIGN, electric, \$103; 3513 Hopkins St., Oakland; owner, H. W. Neely; contractor, Getz Elec. Sign Co., 2816 East 9th St.
SIGN, electric, \$100; 1174 73rd Ave.; owner, Rosa Baking Co.; contractor, Getz Elec. Sign Co., 2816 E. 9th St.
ALTER, \$200; 2251 Carlton St., Berkeley; owner, H. Dumoville, 2251 Carlton St.; contractor, L. Bancroft, 4499 Sequoia Rd.
ALTER, \$250; 1722 Hearst, Berkeley; owner and builder, J. Boyajian, Virginia and Grant Sts.
RE-ROOF, \$140; 1516 Spruce, Berkeley; owner, F. J. Teulon, 1516 Spruce; contractor, American Roofing Co., 383 40th St., Oak.
GARAGE, \$600; 973 Arlington, Ber-



LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath

PRINTING AND PUBLISHING COMPANY

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

31.—Bridges	30.—Receivors and Dams
32.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
7.—Railroads	35.—Tunnels
26.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

Complete Bids

SANTA BARBARA and SAN LUIS OBISPO COUNTIES, Calif.—E. G. Perham, 1128 Stearns Drive, Los Angeles, at \$10,320, submitted low bid to the State Division of Highways L. H. Gibson, District Engineer, 50 Figueroa St, San Luis Obispo, for reconstruction of a timber bridge across Cuyama River and grading and surfacing with plant-mixed surfacing the west approach, about 35 miles east of Santa Maria, Santa Barbara and San Luis Obispo Counties, Calif.

Work involves:

- (1) 600 c y rdwy unclass excav;
- (2) 40 c y struc excav.;
- (3) 2.5 sta finish rdwy;
- (4) 1.1 tons liq. asph. SC-2 (prime coat);
- (5) 85 tons mineral agg. (plant-mixed surf.);
- (6) 5 tons liquid asph. ROMC-3, -4 or -5 (plant-mixed surf.);
- (7) 14,000 bs. bar reinf. steel;
- (8) 74 c y Class A Portland cement conc. (struc);
- (9) 28 MFEM dense select all-heart struc rdwood;
- (10) 9 M FBM select all-heart struc. rdwood;
- (11) 800 l f furn treated Douglas fir piles;
- (12) 32 each, driving do;
- (13) 8 each, steel pile shells;
- (14) .05 mile new property fence;
- (15) 1 lot misc items of work.

Total bids follow:

- (A) E G Perham, 1128 Stearns Drive, L A, \$10,320.00.
(B) Thorsten and Dahl, L A, \$10,-845.44.
(C) S A Cummings, San Diego, \$14,428.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	.60	.80	1.25
(2)	1.50	2.00	5.00
(3)	15.00	50.00	30.00
(4)	25.00	45.35	10.00
(5)	13.00	6.18	7.50
(6)	20.00	17.85	9.00
(7)	.06	.07	.065
(8)	22.00	22.00	35.00
(9)	118.00	100.00	150.00
(10)	118.00	120.00	140.00
(11)	.72	.97	1.20
(12)	20.00	30.00	50.00
(13)	25.00	25.00	30.00
(14)	1000.00	640.00	1000.00
(15)	300.00	1000.00	800.00

21

CONTRACT AWARDED

LOS ANGELES, Calif.—Carlo Bongiovanni, 2561 Canyon Drive, Los Angeles, at \$231,130, was awarded the contract by the Los Angeles County

Supervisors for the construction of a reinforced concrete bridge on Clara Street across the Los Angeles River. 21

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—Union Pacific Co., 212 Babcock Blvd., San Francisco, at \$86,263.50 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for construction of a reinforced concrete slab overhead crossing over the tracks of the Atchison, Topeka and Santa Fe Railway Co. at Pinole, consisting of eleven 34-ft. 0-inch spans and two 25-ft. 6-inch spans on reinforced concrete bents and abutments and approximately 4 mile of approaches, Contra Costa Co. • 21

BIDS WANTED

TULARE COUNTY, Calif.—Until September 20, 2:00 P. M. bids will be received by the Tulare County Board of Supervisors, Gladys Stewart, County Clerk, Court House, Visalia, for construction of a redwood timber bridge, consisting of four 34-ft. 0-in. spans supported upon redwood pile bents and abutments, located on Road No. 28N, and being on Section line between Sections 29 and 30 in T. 18 S. R. 27 E., M. D. E. & M. across Yokohl Creek, Tulare County, Calif.

Work involves:

- (1) 864 lin. ft. redwood piles (furnishing);
 - (2) 36 each redwood piles, driving;
 - (3) 22.3 MBF redwood.
- Plans and specifications may be obtained from the County Surveyor, Court House, Visalia, Calif. • 21

CONTRACT AWARDED

HUMBOLDT CO., Calif.—E. E. Smith, 1636 G Street, Eureka, at \$31,604 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for construction of a reinforced concrete slab and girder bridge consisting of five 24-ft. 0-inch. spans on concrete pile bents and one 40-ft. 0-inch. span on concrete bents with spread footings and about fifteen hundredths mile grading and surfacing with plant-mixed surfacing, across Bridge Creek about 19 miles north of Garberville, Humboldt County. • 21

CONTRACT AWARDED

CONTRA COSTA CO., Calif. S. H. Van Gelder, 265 Tenth Street, San Francisco at \$3,763 awarded contract by the State Division of Highways, Sacramento, for repairing a reinforced concrete arch culvert across the west branch of San Pablo Creek about 5 miles west of Lafayette, (TY. C.C.-75-A), Contra Costa Co., Calif.

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

COMPLETE BIDS

RIVERSIDE COUNTY, Calif.—Byerts and Dunn, 1131 N. Orange Grove Avenue, Los Angeles, at \$28,142.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for the construction of a reinforced concrete slab bridge consisting of three 22-ft. 0-inch spans and two 17-ft. 6-inch spans on concrete bents and abutments with steel pile foundations across the Middle Fork of San Timoteo Creek about one mile northwest of Beaumont; and about 0.8 miles grading and surfacing with plant-mixed surfacing, Riverside County, Calif.

Work involves:

- (1) 110 c y. remove concrete;
 - (2) 440 M gal. water;
 - (3) 16,000 c y. rdwy. excav., unclass.
 - (4) 254,000 sta. yds. overhaul;
 - (5) 750 c y. struc. excav.;
 - (6) 59 sta. finish rdwy.;
 - (7) 1,050 c y. sand;
 - (8) 19,000 sq. yds. blending roadbed;
 - (9) 1,000 sq. yds. asph. plant binder;
 - (10) 1,610 tons min. agg. plant mix surfacing;
 - (11) 80 tons liq. asph. SC-4 plant mix surfacing;
 - (12) 24,200 sq. yds. prepare, mix and shape roadbed;
 - (13) 272 tons liq. asph. SC-2 road mix surf. treat.;
 - (14) 8 tons liq. asph. 90-95 seal coat;
 - (15) 95 tons screenings seal coat;
 - (16) 60 tons sand seal coat;
 - (17) 66,000 lbs. bar reinf. steel;
 - (18) 395 c y. Class A Portland cement conc. struc.;
 - (19) 250 lf. timber rail;
 - (20) 394 lf. furnish steel piles;
 - (21) 24 each drive steel piles;
 - (22) 70 c y. wired riprap;
 - (23) 22 lf. 18-in. CMP-
 - (24) 32 lf. remove and relay 8-in. CMP pipe slope drains;
 - (25) 3 each remove and reinstalling spillway assemblies;
 - (26) 50 each guide posts;
 - (27) 0.3 mile new property fence;
 - (28) 3 each drive gates;
 - (29) 5,000 sq. yds. remove and salvage detour surf.;
 - (30) 1 lot misc. items of work.
- (A) Byerts & Dunn, L. A. \$28,142.50.
(B) Oswald Bros. L. A. \$33,982.20.
(C) United Concr. Pipe Corp. L. A. \$38,150.30.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$ 1.50	\$ 2.00	\$ 5.00
(2)	1.30	1.25	2.00
(3)	.17	.27	.37
(4)	.005	.004	.007
(5)	1.00	.80	1.00
(6)	10.00	6.00	8.00
(7)	.50	.35	.75
(8)	.04	.01	.05
(9)	.03	.03	.03
(10)	2.00	3.00	3.20
(11)	7.00	10.00	7.50
(12)	.05	.07	.09
(13)	6.00	9.00	8.00
(14)	10.00	15.00	20.00
(15)	2.50	3.50	4.00
(16)	2.00	2.50	2.00
(17)	.05	.05	.055
(18)	18.00	23.00	19.00
(19)	1.00	2.00	2.00
(20)	2.50	3.00	2.20
(21)	15.00	30.00	18.75
(22)	5.00	4.00	8.00
(23)	2.00	2.00	2.00
(24)	1.00	.60	3.00
(25)	15.00	5.00	18.00
(26)	2.00	2.50	1.50
(27)	500.00	500.00	670.00
(28)	25.00	20.00	15.00
(29)	.02	.06	.20
(30)	1000.00	300.00	400.00

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until September 29, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a bridge consisting of fifteen 30-ft. and two 23-ft. reinforced concrete slab spans on concrete piers and abutments with concrete pile foundations across Castaic Creek near Castaic Junction and about 0.7 miles grading and surfacing with plant-mixed surfacing and road mix surface treatment applied to shoulders and detour. Los Angeles County, Calif.

- Work involves:
- (1) 100 cu. yds. remove concrete;
 - (2) 1 lot remove existing bridge;
 - (3) 35 sta. clear and grub;
 - (4) 300 M gals water;
 - (5) 4,800 cu. yds. rdwy. excava. without class;
 - (6) 600 cu. yds. structural excava.;
 - (7) 15,000 cu. yds. imported borrow;
 - (8) 35 sta. finish rdwy.;
 - (9) 11 tons liquid asph. SC-2 prime coat;
 - (10) 1,750 tons min. agg. plant mix surfacing;
 - (11) 91 tons liq. asph. ROMS-4 or 5 plant mix surfacing;
 - (12) 2,600 sq. yds. asph. paint binder;
 - (13) 12,000 sq. yds. prepar. mix and shape shoulders and detour;
 - (14) 145 tons liquid asph. SC-2 shoulders and detour;
 - (15) 180,000 lbs. bar reinf. steel;
 - (16) 1,220 cu. yds. class A Portland cement concrete structs.;
 - (17) 5,500 lbs. misc iron and steel;
 - (18) 1,056 lin. ft. timber railing;
 - (19) 2,040 lin. ft. furnish conc. piles cast in place;
 - (20) 108 each drive steel shells;
 - (21) 550 cu. yds. sacked conc. riprap;
 - (22) 500 lin. ft. bank protection fence;
 - (23) 20 lin. ft. 8-in. C M P;
 - (24) 1 each spillway assembly;
 - (25) 80 lin. ft. remove and salvage C M P;
 - (26) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 21

BIDS WANTED

SAN BRUNO, San Mateo County, Calif.—Until September 14, 8:00 P. M. bids will be received by the City of San Bruno, City Hall, for construction of a concrete culvert approximately 3500 feet long over three creeks in San Bruno.

Work involves:

- (1) 2000 cu. yds. concrete;
- (2) 4500 cu. yds. earthfill.

Plans and specifications may be obtained from C. L. White, City Engineer. * 21

BIDS WANTED

STATE OF WASHINGTON—Until September 27, 10:00 A. M. bids will be received by the State of Washington Toll Bridge Authority, L. V. Morrow, Director of Highways, Olympia, for construction of a suspension bridge over Puget Sound, adjacent to the City of Tacoma in Pierce County, known as Tacoma Narrows, together with incidental approach work. Estimated cost, \$5,400,000.

Work involves: 10,528 tons structural steel, 1818 tons steel reinforcing bars, 105,990 cu. yds. concrete, 89,000 lin. ft. steel H piling, 3817 tons cable wire, 200 tons cast and forged steel, 1,071 tons steel sheet piling, 5200 sq. yds. standard concrete pavement, 158,380 cu. yds. excavation and other items.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00. * 21

LOW BIDDERS

RENO, Washoe County, Nevada.—Nevada Rock and Sand Company, Reno, at \$15,613, submitted low bid to the Reno City Council, J. B. Reese, City Clerk, City Hall, Reno, for construction of a bridge in the City of Reno.

Robert McCarthy, San Francisco, at \$16,728, submitted second low bid. * 21

COMPLETE BIDS

HUMBOLDT COUNTY, Calif.—Claude C. Wood, P. O. Box 1714, Stockton, at \$10,572.00 submitted low bid to the State Division of Highways, E. R. Green, Acting Division Engineer, District I, Eureka, for the construction of a reinforced concrete bridge across Redwood Creek, at Whittemore Grove, State Park, Humboldt County, Calif.

- Work involves:
- (1) Removing existing structures;
 - (2) 300 cu. yds. structure excavation;
 - (3) 47,500 lb. bar reinforcing steel;
 - (4) 26 cu. yds. Class A Portland cement concrete (footing block);
 - (5) 160 cu. yds. Class A Portland cement concrete (structure);
 - (6) 276 lin. ft. timber railing;
 - (7) 1 lot misc. items of work;

Total bids follow:

(A) Claude C. Wood, P. O. Box 1714, Stockton, \$10,572.00.
 (B) E. E. Smith, Eureka, \$11,850.00.
 (C) Scheumann & Johnson, \$11,972.00.
 (D) Fred J. Maurer & Son, Eureka, \$13,026.50.

Unit prices follow:

(1)	600.00	500.00	1000.00	1000.00
(2)	2.50	6.00	3.50	6.00
(3) .....	.06	.06	.06	.055
(4)	20.00	20.00	25.00	22.00
(5)	30.00	30.00	32.00	35.00
(6)	2.00	2.50	2.00	2.00
(7)	500.00	690.00	750.00	900.00

* 21

LOW BIDDER

SIERRA COUNTY, Calif.—Bos Construction Co., 1912 E. 26th St., Oakland, at \$11,475 submitted low bid to the Sierra County Board of Supervisors, F. H. Turner, County Clerk, Downieville, for furnishing and erecting a 120-foot steel truss bridge and approaches across the North Fork of the North Fork of the Yuba River on Commercial Street in the Town of Downieville, Sierra County, Calif. * 21

CONTRACT AWARDED

PIERCE CO., Wash.—Henry Hagman, Cashmere, at \$24,183.00 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving a bridge over Tolmie Creek, consisting of an 88-ft. steel plate girder span on concrete piers and four treated timber trestle spans, all with concrete deck and rail, together with approach grading, Carbon River Highway Project, 11-A2, National Forest Road Proj., Snoqualmie National Forest, Pierce Co., Wash. 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

LAKE COUNTY, Oregon—Until September 13, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-101, for clearing, bank sloping, gravel excavation, gravel borrow, and the construction of approximately 8,400 feet of stone riprap revetment, located on the Willamette River at two locations in the Lane County

District Improvement Company No. 2, 179 and 180 miles above the mouth of the river and on the McKenzie River in the McKenzie River District Improvement Co., No. 1, 4 miles above the mouth of the stream, Lane County, Oregon.

- Work involves:
- Lane Co. Dist. Improvement Co. No. 2 (Upper)
 - (1) 4 acres clearing;
 - (2) 800 cubic yards bank sloping;
 - (3) 30,000 cubic yards gravel excavation;
 - (4) 18,800 cubic yards gravel borrow;
 - (5) 14,700 tons stone riprap, in place;
 - Lane Co. Dist. Improvement Co. No. 2 (Lower)
 - (6) 1 acre clearing;
 - (7) 600 cubic yards bank sloping;
 - (8) 16,000 cubic yards gravel excavation;
 - (9) 2,200 cubic yards gravel borrow;
 - (10) 16,860 tons stone riprap, in place;
 - McKenzie Dist. Improvement Co. No. 1
 - (11) 1 acre clearing;
 - (12) 3,500 cubic yards gravel excavation;
 - (13) 1,000 cubic yards gravel borrow;
 - (14) 6,900 tons stone riprap, in place.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 22

BIDS OPENED

SEATTLE, Wash.—General Construction Co., 2840 Iowa St., Seattle, at \$88,270 submitted low bid to the Port of Seattle Commission, Smith M. Wilson, Secretary, 406 Bell Street Terminal, Seattle, for excavation, bulkheading and riprap at the Port of Seattle's Pier No. 40, Smith's Cove Terminal.

Puget Sound Bridge & Dredging Co., at \$119,762.50 submitted only other bid. 22

CONTRACT AWARDED

POLK CO., Ore.—Wren and Greenough, Portland, at \$35,188, awarded contract by the U. S. Engineers Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-50, for clearing, bank sloping, gravel excavation, overhaul and the construction of approximately 1880 feet of stone riprap revetment, located in the Willamette River in the Polk District Improvement Co. Polk Co., Oregon. * 22

BIDS OPENED

DEL NORTE COUNTY, Calif.—Hanrahan-Connelly Co., 582 Market Street, S. F., at \$104,258, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-78, for furnishing about 58,400 tons of rock and constructing a rubble mound sand barrier in Crescent City Harbor, extending from the shore at the foot of Josephine St., about 500 feet southeasterly from the shore end of the Shell Co. Wharf), Crescent City, southwesterly for a distance of about 2660 feet to Whaler Island, Del Norte County. Work involves:

- (1) 24,600 tons Class A rock;
- (2) 10,300 tons Class B rock;
- (3) 25,300 tons Class C rock.

Total bids follow:

Hanrahan-Connelly Co., 582 Market St., S. F., (1) \$238, (2) \$170, (3) \$120, total \$104,258.
 Basalt Rock Co., Inc., Napa, (1) \$190, (2) \$190, (3) \$190, total \$110,920.
 Kern & Kibbe, Portland, (1) \$210, (2) \$210, (3) \$210, total \$122,640.

23— CANALS

BIDS WANTED

CENTRAL VALLEY PROJECT.
 Calif.—Until Sept. 30, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 801, for the construction of earthwork, canal lining and structures, Contra Costa Canal Station 638 plus 00 to station 1066 plus 00 and earthwork and structures, Los Medanos wasteway, Delta Division, Central Valley Project, Calif. Work is locate near Antioch, Calif.

Estimated quantities follow:

- (1) 695,000 cu. y. excavation for canal and wasteway;
- (2) 148,000 sta. cu. overhaul;
- (3) 62,000 cu. y. compacting embankments;
- (4) 12,800 cu. y. excavation for structures;
- (5) 139,700 sq. yds. trimming foundations for concrete lining;
- (6) 35,500 cu. y. backfill;
- (7) 4,400 cu. y. concrete in structures;
- (8) 11,550 cu. y. concrete in canal lining;
- (9) 975 sq. yds. dry-rock paving;
- (10) Placing 1,290,000 lbs. reinforcement bars;
- (11) Erecting 154 M. ft. B. M. timber in bridges;
- (12) Constructing 1725 Lf. sewer-pipe drains;
- (13) Laying 1180 lf. 15-inch to 24-inch diameter concrete pipe;
- (14) Installing 10,200 lbs. gates and gate hoists;
- (15) Installing 8600 lbs. misc. metal-work.

Plans and specifications may be obtained from the above office or from the offices of the Bureau of Reclamation at Denver, Colorado; or Washington, D. C. No charge to prospective bidders for copies of specifications; to others, \$3.00 * 23

25— MACHINERY AND EQUIPMENT

BIDS WANTED

SACRAMENTO, Calif.—Until September 13, 3:00 P. M. bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-54, for furnishing and delivering misc. castings, etc., as follows:

- (1) 2 booster pump casing fitted with casing wear rings;
 - (2) 6 dredge pump bushings;
 - (3) 6 dredge pump outer wearing rings;
 - (4) 6 dredge impeller inner wearing rings;
 - (5)(a) 4 30-inch open chock; (b) 6 30-inch cleat;
 - (6) 1 booster pump connection;
 - (7) 4 booster pump suction mouth-piece;
 - (8) 6 booster pump liner plates;
 - (9) 4 booster pump water rings;
 - (10) 6 booster pump wear rings;
 - (11) 1 lot rough iron castings;
 - (12) 12 fairlead lugs.
- F. O. B. Rio Vista. * 25

BIDS OPENED

EUREKA, Humboldt Co., Calif.—John Burman and Son, 2404 F St., Eureka, at \$3.75 per hour submitted low bid to the State Division of Highways, E. R. Green, Acting District Engineer, 546 West Wabash Avenue, Eureka, for the rental of one 45 H. P. tractor with 8-ft. bulldozer for use in the vicinity of Garberville.

Total bids follow:

- John Burman & Son, 2404 F St., Eureka, \$3.75.
 Wm. Hess, Weott, \$4.00.
 Lee A. Phillips Inc., Brentwood, \$4.10.
 Brown & Livingston, Redding, \$4.15.
 A. D. Robinson, Healdsburg, \$4.95.
 A. Soda and Son, Oakland, \$5.00.
 R. G. Clifford, S. F., \$5.40.
 N. M. Ball Sons, Berkeley, \$5.50.
 Trinity Lumber Co., Willow Creek, \$6.25. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1011 Phelan Building, S. F., under Bid No. 1346, for one automatic water operated hypo-chlorinator complete; f.o.b. (1) bidder's shipping point; (2) Del Rosa, Calif.

- Bids were:
 Wallace & Tiernan Sales Corp., (1) \$515.50, (2) \$530.50, net.
 Fred W. Kolb, (1) \$378, (2) \$599, 1% 10 days.
 Chemical Equipment Co., (1) \$360 (alternate) 2% 10 days, 1% 20 days. * 25

BID OPENED

SAN LUIS OBISPO, Calif.—E. C. Joseph, Box 42, Watsonville, at \$2.50 per hour submitted only bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for the rental of one oil tank truck, 750 gallons (or more), for use on the Roosevelt Highway, south of Carmel, in District V. * 25

BIDS OPENED

SACRAMENTO, Calif.—R. E. Strother, 3800 Downey Street, Sacramento, at \$6.40 per hour, total \$840.00, net, submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-55, for furnishing and operating for 100 hours, one RD No. 8, or equal, Caterpillar tractor and bulldozer equipped with Le Tourneau, or equal, power unit for lifting bulldozer, for use on misc. work in the vicinity of Knights Landing, Calif.
 Hemstreet and Bell, Marysville, at \$8.00 per hour, total \$800.00, net, submitted only other bid. * 25

BIDS OPENED

SAN FRANCISCO, Calif.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 688-39-82, for furnishing and delivering complete and veeying equipment complete and the services of an erection engineer; fob freight cars at contractor's plant.

- Est. taken on:
 (1) Complete conveying equipment consisting of 24 Army type 1½-ton spur geared trolley chain hoists, and all necessary track, champs, hangers and track supports, switches, bolts and nuts, etc.;
 (2) complete conveying equipment consisting of two 1½-ton and four ½ ton Army type spur geared trolley chain hoists, and all necessary track, champs, hangers and track supports, bolts and nuts, etc.

- Bids were:
 Richards Wilcox Mfg. Co., (1) \$5250, (2) \$760.
 Stone-Ryals Elec. & Mfg. Co., (1) \$6130, (2) \$1365. * 25

BIDS OPENED

SAN FRANCISCO, Calif.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-39-85, for furnish-

ing (1) 1254 gal. asphalt asbestos trowel coat and (2) 380 gal asphalt primer; fob Fort Cronkhite, Marin Co.

- Bids were:
 Malott & Peterson, (1) \$0.445, (2) \$0.261, 2 10 days, 25c per drum returned.
 American Bitumuls Co., (1) \$0.551, (2) \$0.326, net.
 Bay Cities Asbestos Co., Ltd., (1) \$0.536, (2) \$0.647, 2% 30 days.
 Plunkote Co., (1) \$0.425, (2) \$0.375, 2% 30 days.

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until Sept. 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1121-D, for furnishing and delivering structural steel supporting structures for the Cheyenne and Greeley substations, Kendrick Project, Wyoming. Structures will be erected by the Government. F.o.b. shipping point and/or railroad destinations.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$1.25 not returnable. * 23

BIDS WANTED

BOULDER CANYON PROJECT.—Until Sept. 22, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1120-D, for furnishing and delivering one carbon-dioxide fire extinguishing system for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nev. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.50 not returnable. * 25

BIDS WANTED

GRAND COULEE, Wash.—Until Oct. 17, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 786, for furnishing and delivering three 150,000 h.p., 120-r.p.m., vertical-shaft, hydraulic turbines and all three oil-pressure, actuator-type governors for the 150,000 h.p. contract for installation in the Grand Coulee power plant, Columbia Basin Project, Wash. Apparatus will be installed by the Government. F.o.b. shipping point and/or Odair, Wn.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.00 not returnable. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Southern Elec. & Transmission Co. at \$14,825 was awarded the contract by the L. A. Water & Power Commission for carrier current equipment. Spec.

BIDS OPENED

SAN BERNARDINO, Calif.—Bids for the rental of misc equip were opened by the San Bernardino City Council, J H Osborn, Clerk. The items are:

- (1) rate per hour for 300 hrs rental more or less of a 1½ cu yd drag-line complete operated, including operator and swimmer;
- (2) rate per hour for 300 hrs rental more or less of a 1½ cu yd drag-line completely operated, including operator and swimmer;
- (3) rate per hour for 300 hrs rental more or less of a 2 cu yd drag-line completely operated, including operator and swimmer;
- (4) rate per hour for 300 hrs rental more or less for a 50 h p track-

layer tractor with bulldozer attachment; also equipped for operation with a 6 cu yd carry-all scraper completely operated, including operator and swamper;

(5) rate per hour for 300 hrs rental more or less for a 6 cu yd carry-all scraper;

(6) rate per hour for 300 hrs rental more or less for a 60 h p track layer tractor with bulldozer attachment; also equipped for operation with an 8 cu yd carry-all scraper completely operated, including operator and swamper;

(7) rate per hour for 300 hrs rental more or less for an 8 cu yd carry-all scraper;

(8) rate per hour for 300 hrs rental more or less for a 75 h p track layer tractor with bulldozer attachment; also equipped for operation with a 12 cu yd carry-all scraper completely operated, including operator and swamper;

(9) rate per hour for 300 hrs rental more or less for a 12 cu yd carry-all scraper.

The bids were:

Geo Herz & Co, (1) \$7.85 hr.

Triangle Rock & Gravel Co., (2) \$7.72, (3) \$10.35, (4) \$7.05, (5) \$2.15, (6) \$7.10, (7) \$2.00, (8) \$5.55, (9) \$2.40.

American Concr & Steel Pipe Co., (2) \$8.00, (9) RD-7 Caterpillar, \$7.00.

W. R. Shriver, (2) \$12.00, (3) \$11.00.

Pac. Crane & Rigging Co., (2) \$8.50, (3) \$12.00, (4) \$5.95, (5) \$1.00, (6) 6.85, (7) \$1.50, (8) Alt. RD-8 \$8.45, (9) with RD-8 Diesel, 50c.

E. L. Yeager, (4) \$5.50, (5) \$1.50, (6) \$6, (7) \$2.00.

Silva & Hill Constr. Co., (4) \$6.35, (6) \$6.35, (8) \$6.35, (9) with 75 tractor only, \$2.15.

Vido Kovacevich, (7) \$1.50, (9) RD-16, \$2.00, RD-8 \$8.20.

Oswald Bros, (8) RD-8 \$7.45.

C. G. Willis & Sons—all or none—(1) \$7.50, (2) \$9.50, (3) \$12.50, (4) \$9.00, (5) \$1.75, (6) \$5.25, (7) \$2.00, (8) \$5.95, (9) \$2.00.

E. A. Holmes—bid rejected—no bond or check.

Herbert Hubbs—bid rejected—no bond or check. 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO, Calif.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth Street, San Francisco for furnishing misc. supplies and materials for use on WPA projects:

BID No. 5965: Standard Oil Co.: \$7.30; \$967.25; asphalt.

BID No. 5979: Standard Oil Co.: \$0.06; net; diesel oil.

BID No. 5945: Henry Cowell Lime & Cement: \$0.63; \$504; 2 1/2 c per sack-30; Portland cement.

BID No. 5950: Morrison & Co.: \$1385; net; sheet metal.

BID No. 5953: Henry Cowell: \$2.45; \$367.50; net; Portland cement.

BID No. 5954: Henry Cowell: \$2.64; \$396; net; Portland cement.

BID No. 5955: Merced Lumber Co.: \$403.38; net; \$2.49; Portland cement.

BID No. 5956: Diamond Match Co.: \$2.40; \$480; net; Portland cement.

BID No. 5957: Henry Cowell: \$2.49; \$353.58; net; Portland cement. 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and equipment for use on WPA projects:

BID No. 5944—Std. Lumber & Mill: \$547.52; 2% -30; mill lumber.

BID No. 5942—Consumers Rock and Cement: \$437.50; 2% -30; rock and sand.

BID No. 5940—Loop L. C.: \$1533.92; 2% -30; redwood and douglas fir.

BID No. 5930—Std. Oil Co. of Calif.: \$496.10; \$12.10; net; liq. asphalt.

BID No. 5927—No. Calif. Hardware & Steel: \$104.50; \$1567.50; net, 1/2 of 1% -30; wire fabric.

BID No. 5903—The Crane Co.; \$1041; 2% -20; unit heaters. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 4th St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:

BID No. 5870—Evans Auto & Truck Rental: \$78.50; and Lerer Bros, at \$86; trucks.

BID No. 5901—U. S. Radiator Corp.: \$241.60; 20% -20; traps and strainers.

BID No. 5932—Olsen & Heffernan: \$1043.40; 2% -30/ plumbing supplies.

BID No. 5961—Edw. R. Bacon: \$86.50; net; pull grader.

BID No. 5962—Hayward Bldg. Materials: \$83.75; 1% -20; emuls. asphalt.

BID No. 5963—Central Supply Co.: \$440; 10c per ton; aggregates.

BID No. 5970—Readymix Conc. Co.: \$320; net; gypsum plaster.

BID No. 5978—Valley Conc. Pipe and Prod.: \$932.10; 2% -20; conc. pipe.

BID No. 5974—Tay-Holbrook: \$428.60; 2% -30; pipe and valves.

BID No. 5971—Grinnell Co.: \$1011.04; 2% -30; steel pipe.

BID No. 5969—S. Lenz & Son: \$427.08; 2% -20; conc. pipe.

BID No. 5968—Marshall Newell: \$1368; 2% -30; axes and saws.

BID No. 5967—Western Pipe & Steel: \$306.25; 1/2 of 1% -20; culvert.

BID No. 5966—Calif. Corr. Culvert: \$1228.50; 1/2 of 1% -20; steel pipe.

BID No. 5960—So. City Lumber and Supply: \$413.40; 2% -30; redwood.

BID No. 5959—J. Catucci: \$800; 10% -20; rock.

BID No. 5959—Clair Gieg: \$437.50; 2% -30; rock.

BID No. 5947—Richmond Sanitary: \$763.51; 2% -30; pipe and fittings. * 27

28— FIRE EQUIPMENT

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Calif. — Gamewell Co. at \$93,394.33 submitted low bid and was awarded contract by Beverly Hills city council August 31 for construction of automatic fire alarm system. 28

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Calif.—W. O. Tyson, Box 888, Redwood City, submitted low bid and awarded contract by the Redwood City Council, B. E. Myers, City Clerk, for grading Nevada Street, between Brewster Ave. and Hopkins Ave., and constructing combined cement concrete curbs and gutters.

Bids taken on:

(1) grading and cutting, per c.y.

(2) grading and filling, per c.y.

(3) comb. curb and gutter, per lf.

(4) pavement, per s.f.

Unit prices for W. O. Tyson were as follows:

(1) 25c, (2) 10c, (3) 78c, (4) 10 1/2c.

BIDS OPENED

SANTA CRUZ Co., Calif.—Fearless Welding Co., 265 Tenth St., San Francisco, at \$13,810 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, State Bldg., S. F., for installing a multiple corrugated metal pipe culvert and about 0.2 mile of grading and surfacing with crusher run base and armor coat the roadway at Two Bar Creek, about one mile north of Boulder Creek, Santa Cruz County.

Work involves:

(1) clearing and grubbing;

(2) 55 M. gals. water;

(3) 5,000 c.y. rdwy. excav., unclass.;

(4) 1,800 sta. yds. overhaul;

(5) 600 c.y. struc. excav.;

(6) 11 sta. finish rdwy.;

(7) 950 tons crusher run base;

(8) 2 tons liq. asph., SC-2 (penetration oil treatment);

(9) 5 tons liq. asph., SC-1A (armor coat and penetration oil treat.);

(10) 7 tons liq. asph., 90-95 (armor coat);

(11) 175 tons screenings (armor coat and penetration oil treatment);

(12) 4,600 lbs. bar reinf. steel;

(13) 63 c.y. Class A Portland cement concrete (struc.);

(14) 36 lf. 15-in. corr. metal pipe;

(15) 18 lf. 24-in. corr. metal pipe;

(16) 100 lf. 135-in. multiple corr. metal pipe (83-11);

(17) 5 ea. culvert markers;

(18) 10 ea. monuments;

(19) removing and disposing of the existing bridge.

Total bids follow:

(A) Fearless Welding Co., 265 10th St., San Francisco, \$13,810.00.

(B) Granite Const. Co., Ltd., Watsonville, \$15,691.80.

(C) L. C. Seidel, Oakland, \$15,843.50.

(D) R. G. Clifford, \$16,858.58.

(E) L. C. Karested, Watsonville, \$17,959.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	.7500	1200.00	600.00	500.00	1500.00
(2)	1.00	1.60	2.00	2.00	2.00
(3)	.41	32	.60	.77	.50
(4)	.02	.01	.02	.01	.01
(5)	1.25	1.00	2.00	1.44	4.00
(6)	10.00	10.00	7.00	20.00	6.00
(7)	2.70	3.40	3.00	3.00	2.85
(8)	25.00	40.00	22.00	20.00	25.00
(9)	25.00	33.00	22.00	20.00	20.00
(10)	25.00	30.00	22.00	25.00	25.00
(11)	3.60	3.40	3.70	3.50	3.50
(12)	.055	06	.055	.065	07
(13)	22.00	20.00	22.00	23.60	30.00
(14)	2.50	1.80	2.00	1.50	1.60
(15)	3.00	3.00	3.00	2.90	2.80
(16)	45.93	58.16	50.00	53.32	50.00
(17)	1.60	3.00	4.00	3.00	4.00
(18)	3.00	3.00	3.00	3.00	4.00
(19)	100.00	280.00	200.00	250.00	350.00

* 29

CONTRACT AWARDED

SAN JOAQUIN Co., Calif.—N. M. Bail Sons, 852 Carmel St., Berkeley, at \$30,715.99 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for grading and surfacing with untreated crushed gravel or stone about 4.1 miles on Mosely Road bet. Terminus Road and Peltier Road, San Joaquin County. * 29

BID CALL CANCELLED

SONOMA COUNTY, Calif.—C. H. Purcell, State Highway Engineer, State Division of Highways, Public Works Building, Sacramento, cancelled the call for bids for 0.8 miles grading, applying road-mix surface treatment and installing culverts between Boller Gulch and Miller Creek, Sonoma County, Calif. Bids called for September 7. Project will be readvertised shortly. * 29

BIDS WANTED

GRAHAM COUNTY, Ariz. — Until September 16, 10 A. M., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of Solomonville-Duncan Highway, PA 77-C (1) (1939) AFW. The work, which begins about 3 1/2 miles east of Solomonville and extends easterly about 4 1/2 miles to the Graham-Greenlee county line, consists of grading and draining the roadway, and is to be completed on or before August 15, 1939. The work involves:

- (1) 139,300 cubic yards roadway excavation;
- (2) 5,000 cubic yards slides and overbreakage;
- (3) 7,800 cubic yards drainage excavation;
- (4) 2,600 cubic yards struc. excavation;
- (5) 164,200 sta. yards overhaul;
- (6) 5,200 cubic yards haul;
- (7) 38,800 cubic yards imported borrow;
- (8) 1,070 hours rolling;
- (9) 1,650 cubic yards concrete;
- (10) 228,000 lbs. reinforced steel;
- (11) 10,300 lbs. structural steel;
- (12) 1,296 lin. ft. corrugated metal pipe (5 sizes);
- (12) 45,400 lin. ft. fence.

Certified or cashier's check of 5% must accompany bid. Howard S. Reed, State Highway Engineer. * 29

CONTRACT AWARDED

OAKLAND, Calif.—Union Paving Company, 212 Babcock Bldg., S. F., at \$3.65 per ton awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for surfacing Lakeshore Ave. from East 12th St. to the Embarcadero from Embarcadero to Lakeshore Ave. and from Grand Ave. to Verano, Oakland.

Work involves:

- (1) 3,780 tons asphalt concrete surfacing;
- (2) 3,780 tons emulsified asphalt premix. * 29

COMPLETE BIDS

BENTON COUNTY, Oregon—Kern and Kibbe, Portland, at \$73,650 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittock Block, Portland, under Bid No. 6981-39-85, for clearing, bank sloping, gravel borrow and gravel excavation; and the construction of approximately 2,500 feet of rock riprap revetment, located in the Benton County District Improvement Company, No. 3, on the Willamette River, Benton Co., Ore.

Work involves:

- (1) 3 acres clearing;
- (2) 1,400 c.y. bank sloping;
- (3) 22,000 c.y. gravel excavation;
- (4) 10,000 c.y. gravel borrow;
- (5) 28,500 tons rock riprap.

Total bids follow:

(A) Kern and Kibbe, Portland	.....	\$73,650.00
(B) Kuckenberg Const. Co., Portland	.....	\$89,360.00
(C) Homer G. Johnson, Portland	.....	\$1,600.00
(D) Jacobsen-Jensen Co., Portland	.....	108,680.00
(E) Contracting officer's estimate	.....	100,741.50

Unit prices follow:	(A)	(B)	(C)	(D)	(E)
(1) 300.00	300.00	500.00	300.00	280.00	
(2) .50	.40	.35	.50	.36	
(3) .35	.40	.35	.64	.3225	
(4) .50	.60	.65	.75	.42	
(5) 2.10	2.50	3.00	3.00	3.045	

CONTRACT AWARDED

MENDOCINO CO., Calif.—Hanrahan Company, Hobart Building, San Francisco, at \$33,833.70, awarded con-

tract by the State Division of Highways, Public Works Building, Sacramento, for about 0.2 miles grading and surfacing with plant-mixed surfacing between 0.3 mile north of Sonoma county line and Squaw Rock, Mendocino County. * 29

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—A. J. Raisch, 1 De Haro Street, S. F., at \$4490, submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete retaining wall on San Jose-Almaden Road, near Curtner Ave., over Guadalupe Creek, in Supervisors District No. 4, Santa Clara Co., Calif.

Total bids follow:

- | | |
|-------------------------------------|-------------------|
| A. J. Raisch, 1 De Haro St., S. F., | \$4,490.00. |
| Dan Caputo, San Jose, \$4576.00. | |
| Collins and Martin, San Jose, | \$47,660.00. * 29 |

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Earl W. Heple, 494 Delmas Avenue, San Jose, at \$4248, submitted low bid and was awarded contract by the Santa Clara Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of two jetties on San Thomas Road and Bloomfield Avenue, on Carnadero Creek in Supervisor's District No. 1, Santa Clara Co.

Total bids follow:

- | | |
|-----------------------------------|-----------------------|
| Earl W. Heple, 494 Delmas Avenue, | San Jose, \$4,248.00. |
| Dan Caputo, San Jose, \$5,280.00. | |
| A. J. Raisch, S. F., \$5,945.00. | * 29 |

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until September 28, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 1.4 miles grading and surfacing with road mix surfacing between Big Lagoon and on the north of Orick, Humboldt County, Calif.

Work involves:

- (1) 10 acres clear and grub;
- (2) 720 M gals water;
- (3) 79,800 cu.yds. rdwy excav. without class;
- (4) 2,760 cu. yds. struct. excav.;
- (5) 280 cu. yds. ditch and channel excav.;
- (6) 123,300 sta. yds. overhaul;
- (7) 99,100 mi. yds. haul;
- (8) 3,560 cu. yds. imported borrow;
- (9) 64 sta. finish rdwy.;
- (10) 2,175 cu. yds. min. agg.road mix surf.;
- (11) 21 tons liquid asph. SC-1A prime coat;
- (12) 157 tons liq. asph. SC-4 road mix surf.;
- (13) 22 tons asph. Emulsion seal coat;
- (14) 265 cu. yds. screenings seal coat;
- (15) 900 lbs. reinf. steel;
- (16) 26 cu. yds. Class A Portland cement conc. structs.;
- (17) 354 lin.ft. 8-inch C M P;
- (18) 950 lin. ft. 18-inch C M P;
- (19) 52 lin. ft. 24-inch C M P;
- (20) 3,290 lin. ft. 8-inch perf. metal pipe;
- (21) 1,835 cu. yds. rock filling material;
- (22) 1 each spillway assemblies;
- (23) 10 each frames and grates;
- (24) 8 each remove headwalls;
- (25) 735 lin. ft. bank protection fence;
- (26) 41 each culvert markers;
- (27) 9 each guide posts;
- (28) 0.50 mile new property fence;
- (29) 28 each monuments.

Plans and specifications may be obtained from the above office.

NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Los Angeles County, between 1.5 miles north of Azusa and San Gabriel River bridge, road VII-LA.-62-A, for which bids are to be received in Los Angeles on September 22, 1938.

Said representative will meet prospective bidders at San Gabriel River Bridge about 2.2 miles north of Azusa on Wednesday, September 14, 1938, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. * 29

CONTRACT AWARDED

LAKE COUNTY, Calif.—J. L. Connor & Sons, Hotel Serra, Monterey, at \$69,456 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for about 2.1 miles of grading and surfacing with untreated crushed gravel or stone and applying seal coat, between Le Trianon and Scott Valley Road, Lake County. * 29

CONTRACT AWARDED

PLACER COUNTY, Calif.—Plazza and Huntley, 195 N. 6th Street, San Jose, at \$46,491 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for about 1.1 miles of grading and surfacing with plant-mixed surfacing on crusher run base the approaches to the Colfax grade separation, Placer County. * 29

BIDS OPENED

NEVADA AND PLACER COUNTIES, Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$47,291, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for seven separate portions of construction totaling about 0.9 miles in length consisting of 0.3 miles grading and applying road-mix surface treatment and construction of channel channels and one mile east of Rainbow Tavern, Nevada and Placer Counties, Calif.

Work involves:

- (1) Clearing and grubbing;
- (2) 100 M gals. water;
- (3) 5,000 c.y. roadway excav. without class;
- (4) 1,250 c.y. struc. excav.;
- (5) 11,500 c.y. ditch and channel excavation;
- (6) 1,700 c.y. imported borrow;
- (7) 57 c.y. remove conc. and rubble masonry;
- (8) 15 sta. finish roadway;
- (9) 750 c.y. salv. surf.;
- (10) 3,400 sq. yds. prepar. mix and shaping roadbed, road-mix surf. treatment;
- (11) 35 tons liq. asph. SC-2 prime coat;
- (12) 21 tons liq. asph. ROMC-3, 4, or 5 road-mix surf. treatment;
- (13) 13 c.y. sand prime coat;
- (14) 65 c.y. rubble masonry;
- (15) 996 c.y. riprap;
- (16) 22 lf. 18-inch CMP;
- (17) 44 lf. 24-inch CMP;
- (18) 84 lf. 30-inch CMP;
- (19) 162 lf. 60-inch CMP;
- (20) 12 each culv. markers;
- (21) 15 each remove and reset guide posts;
- (22) 250 lf. remove and salvage guard railing;
- (23) 6 each monuments.

Total bids follow:

- | |
|---|
| (A) Lee J. Immel, 1031 Evelyn St., Berkeley, \$47,291.00. |
| (B) Fredericks and Westbrook, Lower Lake, \$47,353.00. |

(C) Independent Const. Co., Ltd., Oakland, \$49,504.50.

(D) Pacific States Const. Co., S. F., \$51,330.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	300.00	1000.00	200.00	500.00
(2)	1.50	1.00	1.50	2.00
(3)	1.50	1.50	1.00	1.20
(4)	2.00	3.00	2.00	3.00
(5)	2.20	2.10	2.50	2.35
(6)	1.25	1.00	1.00	1.00
(7)	2.00	3.00	2.50	3.00
(8)	8.00	8.00	5.00	10.00
(9)	1.00	1.50	1.25	1.40
(10) .....	.15	.15	.15	.15
(11)	40.00	40.00	40.00	40.00
(12)	40.00	30.00	35.00	35.00
(13)	4.00	4.00	4.50	4.00
(14)	20.00	15.00	25.00	15.00
(15)	3.00	3.00	4.00	5.00
(16)	2.25	2.50	2.50	3.00
(17)	3.00	4.00	3.00	4.00
(18)	4.00	5.00	3.75	5.00
(19)	11.50	12.00	15.00	15.00
(20)	3.00	4.00	3.00	3.00
(21)	1.50	1.00	2.00	3.00
(22) .....	.50	.50	.50	.75
(23)	4.00	4.00	5.00	3.00

* 29

BIDS OPENED

SUTTER CO., Calif.—Hemstreet & Bell, 501 11th Street, Marysville, at \$189,309.40 submitted low bid to the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-24, for raising and strengthening approximately 17,200 l.f. existing levee along the west levee of the Feather River in the vicinity of Yuba City, Calif.

Work involves:

- (1) 821,500 c.y. levee embankment, in place;
- (2) 23,600 M. gals. water for compaction purposes;
- (3) 15,000 c.y. bank grading;
- (4) 14,550 tons cobble revetment, in place;
- (5) 1,780 c.y. road gravel in place;
- (6) 165 l.f. furnishing and installing 3-inch diameter class 150 C.I. pipe drains in retaining walls;
- (7) 34 l.f. furnishing and installing 3-inch diameter extra strong galv. W. I. pipe with necessary sleeves, tees and ells.
- (8) 100 l.f. furnishing and installing 3-inch diameter standard galv. W. I. pipe with necessary sleeves, tees and ells.
- (9) 70 l.f. furnishing and installing 36-inch diameter No. 10 gage corrugated iron pipe with necessary 36-inch diameter No. 10 gage band couplers.
- (10) 200 l.f. installing 24-inch diameter asbestos bonded corrugated iron pipe and band coupler 70.

- connections, at Station 1469 plus
- (11) 1 each furnishing and installing tee for manhole, constructed from 36-inch diameter No. 10 gage corrugated iron pipe.
- (12) 1 each furnishing and installing 24-inch diameter Crane No. 781 gate valve or equal at Station 1469 plus 70.
- (13) 2 each furnishing and installing 24-inch diameter by 3 ft. flanged class 150 cast iron pipe nipples, at Station 1469 plus 70;
- (14) 15 c.y. concrete class "A", in place;
- (15) 308 c.y. yds. concrete class "B", in place;
- (16) 2840 lbs. furnishing and placing reinforcing steel.
- (17) 1 job remove, save and reinstall existing 3-inch diameter pipe; and remove and waste existing concrete headwall, at Station 1414 plus 10.
- (18) 1 job remove and waste existing concrete manhole and approximately 60 l.f. of 36-inch diameter

concrete pipe at Station 1468 plus 79.

(19) 1 job remove and waste existing sewer pipe lines and all appurtenances, except existing manhole structure, which are within the tees of existing or proposed levees between Stations 1469 plus 70 and 1482 plus 50.

Total bids follow:

- (A) Hemstreet and Bell, 501 11th St., Marysville \$189,309.40.
- (B) Morrison and Knudsen Co., Boise, \$194,121.95.
- (C) Mountain Const. Co., Sacramento, \$258,721.50.
- (D) Granfield Farrar and Carlin Co., S. F., \$296,994.70.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) .....	.145	.16	.222	.283
(2) .....	.70	.40	.60	.50
(3) .....	.25	.25	.30	.40
(4)	2.50	2.50	2.85	2.40
(5)	1.75	1.75	2.15	1.75
(6) .....	.70	.85	1.00	1.00
(7)	1.50	1.75	5.00	2.00
(8)	1.00	.75	2.00	1.75
(9)	13.00	10.50	12.00	12.00
(10)	5.00	2.00	4.75	4.00
(11)	450.00	250.00	225.00	200.00
(12)	500.00	500.00	600.00	500.00
(13)	100.00	100.00	10.00	90.00
(14)	25.00	35.00	30.00	30.00
(15)	20.00	17.50	20.00	15.00
(16) .....	.06	.08	.10	.08
(17)	50.00	75.00	200.00	100.00
(18)	250.00	175.00	350.00	100.00
(19)	100.00	1250.00	1600.00	250.00

CONTRACT AWARDED

SACRAMENTO and other Counties, Calif.—Al W. Simmonds, 3400 J St., Sacramento, at \$3178 awarded contract by the State Division of Highways, Sacramento, for about 663 miles of traffic stripe to be applied to the existing pavement at various locations in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada counties.

* 29

CONTRACT AWARDED

PHOENIX, Maricopa County, Cal.—Arizona Sand and Rock Company, Phoenix, at \$68,369.72 submitted low bid and was awarded contract by the Phoenix City Council, City Hall, Phoenix, for improvement of portions of Pierce, Fillmore, Taylor and Polk Sts. and 16, 15, 14, 13 and 12 and 10th Avenues, Phoenix.

Other bids were:

- Oswald Bros., Los Angeles, \$69,858.80.
- W. E. Hall, Phoenix, \$69,936.90.
- Daley Corp., San Diego, \$70,733.70.

* 29

BIDS OPENED

LEWIS COUNTY, Wash.—Luech Company, Seattle, at \$110,661.90 submitted low bid to the U S Bureau of Public Roads, W H Lynch, District Engineer, 316 West Post Office Bldg., Portland, for constructing or improving approximately 1,373 miles, Mt. Rainier National Park, Stevens Canyon Highway Project 4-E2 Units 3 and 4-D, Unit 1, Grading National Park Road Project, lying within the Mt. Rainier National Park, Lewis County, Wash.

Total bids follow:

- Luech Company, Seattle \$110,661.90
- Colonial Const. Co, Spokane 119,046.90
- Sam Orino, Portland 120,079.00
- A C Greenwood Co, Inc, Port. land 217,381.50
- Halleran Bros, Seattle 132,724.40
- Elliott & Co, Inc, Seattle 135,776.50

* 29

BIS OPENED

HUMBOLDT CO., Calif.—Poulos and McEwen, Sacramento, at \$84,605.20 submitted low bid to the State

Division of Highways, C. H. Purrell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.4 mile grading and surfacing with road-mix surfacing between Benbow and one mile north of Dean Creek, Humboldt Co.

Work involves:

- (1) Clear and grub;
- (2) 710 M. gals. water;
- (3) 103,340 c.y. rdwy. excav., unclass.
- (4) 68,000 sta. yds. overhaul;
- (5) 125 c.y. struc. excav.;
- (6) 310 c.y. ditch and channel excavation;
- (7) 70,020 c.y. imported borrow;
- (8) 11,745 c.y. rock filling material;
- (9) 19 sta. finish rdwy.;
- (10) 16 tons liq. asph. SC-1A prime coat;
- (11) 720 c.y. min. agg., road mix surf.;
- (12) 51 tons liq. asph. SC-4 road mix surf.;
- (13) 8 tons asph. emulsion seal coat;
- (14) 60 c.y. screenings, seal coat;
- (15) 18 c.y. sand, seal coat;
- (16) 780 lbs. bar reinf. steel;
- (17) 10 c.y. Class A Portland cement conc. struc.;
- (18) 205 c.y. sacked conc. riprap;
- (19) 646 l.f. 8-in. CMP;
- (20) 180 l.f. 18-in. CMP;
- (21) 146 l.f. 24-in. CMP;
- (22) 1,150 l.f. 6-in. perf. metal pipe underdrains;
- (23) 80 l.f. remove, clean and salvage existing pipe culverts;
- (24) 1 each frame and grating for drop inlet;
- (25) 3 each spillway assemblies;
- (26) 1,415 l.f. laminated guard rail;
- (27) 6 each culvert markers;
- (28) 26 each guide posts.

Total bids follow:

- (A) Poulos and McEwen, Sacramento, \$84,605.20.
- (B) Hemstreet and Bell, Marysville, \$85,502.30.
- (C) N. M. Ball Sons, Berkeley, \$89,850.55.
- (D) Claude C. Wood, Lodi, \$92,578.60.
- (E) M. J. Ruddy, Modesto, \$99,979.95.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	1210.00	500.00	500.00	1000.00	1000.00
(2)	1.00	1.50	1.00	1.00	1.50
(3) .....	.20	.23	.32	.30	.27
(4) .....	.005	.01	.01	.01	.005
(5)	1.50	1.50	1.20	2.50	1.50
(6)	1.00	1.00	.90	1.00	1.00
(7) .....	.49	.50	.47	.45	.56
(8)	1.20	.90	.80	1.00	1.45
(9)	5.00	5.00	5.00	10.00	6.00
(10)	20.00	20.00	14.50	25.00	20.00
(11)	1.25	2.00	2.50	2.00	1.61
(12)	20.00	17.00	14.00	22.00	20.00
(13)	40.00	25.00	20.00	35.00	40.00
(14)	4.00	4.00	3.00	2.50	3.60
(15)	2.00	3.00	2.00	2.50	3.10
(16)	1.00	.06	.07	.20	.06
(17)	50.00	30.00	30.00	30.00	30.00
(18)	12.50	10.00	8.50	10.00	8.75
(19) .....	.90	1.00	1.00	1.00	1.00
(20)	1.70	1.90	1.75	1.90	1.75
(21)	3.00	3.00	2.50	3.00	2.45
(22) .....	.90	1.00	1.10	1.00	1.00
(23)	1.00	.75	.40	1.00	.50
(24)	60.00	60.00	50.00	60.00	50.00
(25)	15.00	15.00	15.00	15.00	15.00
(26)	1.00	1.50	.75	1.50	1.25
(27)	2.00	2.50	3.00	2.00	5.00
(28)	2.00	2.30	3.00	2.00	5.00

* 29

BIDS WANTED

FRESNO CO., Calif.—Until Sept. 20, 11:00 A. M. bids will be received by the Fresno County Board of Supervisors, County Clerk, Court House, Fresno, for construction of a portion of the Los Gatos Road, located in Los Gatos Creek Canyon, 3 1/4 miles west of Derrick Avenue, between second and third creek crossings of the Los Gatos Creek Road, approximately 9 1/2 miles north-westerly from the City of Coalinga.

Work involves:

- (1) 7,000 cu. y. earthwork, unclass.;
- (2) 2150 l.f. road grade on approximately level cross-section;
- (3) 250 cu. y. dry rubble wall;
- (4) 140 l.f. 24-inch corr. metal pipe culvert;
- (5) 30 l.f. 18-inch corr. metal pipe culvert;
- (6) 30 l.f. 12-inch corr. metal pipe culvert;
- (7) 10 M. gallons water.

Plans and specifications may be obtained from the above office or from the County Surveyor, Court House, Fresno. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on Sept. 21, and in Los Angeles on Sept. 22, 1938.

Following is a list of blue prints and prices:

IV-S-F-56-S-F.—Bet. Lake St. and Golden Gate Bridge appch. In the City of S. F. Bids to be opened in Sacramento; PLANS—No. of Sheets, 33, cost \$3.39; CROSS-SECTIONS—No. of Sheets, 72, cost 7.20, total \$10.59.

VI-Tul-Feeder.—Bet. Visalia Airport and 4 miles South of Dinuba. Bids to be opened in Los Angeles; PLANS—No. of Sheets 23, cost, \$3.50; CROSS-SECTIONS—No. of Sheets, 58, cost \$5.80, total \$9.30.

VII-L.A.-26-D.—On Ramona Blvd. near Los Angeles County Sheriff's Pistol Range. Bids to be opened in Los Angeles; PLANS—No. of Sheets, none, total \$0.60; CROSS-SECTIONS—No. of Sheets, none, total \$0.60.

VIII-L.A.-62-A.—Bet. 1.5 miles N. of Azusa and San Gabriel River Bridge. Bids to be opened in Los Angeles; PLANS—No. of Sheets, 6, cost \$0.60; CROSS-SECTIONS—No. of Sheets, 15, cost \$1.50, total \$2.10.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1489, Sacramento, California.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. * 29.

CONTRACT AWARDED

SAN DIEGO and Imperial Counties, Calif.—A. S. Vinnell Co., 1100 Westminster Avenue, Alhambra, at \$27,962, awarded contract by the State Div. of Highways, Sacramento, for grading and applying road-mix surface treatment on about 2.6 miles between Boulder Park and Mountain Springs, San Diego and Imperial Counties. * 29

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Griffith Company 562 Los Angeles Railway Bldg., Los Angeles, at \$15,535, awarded contract by the State Division of Highways, Sacramento, for constructing a gross length of about 2.9 miles bank of protection fence, Los Angeles Co., Calif. * 29

BIDS WANTED

VENTURA COUNTY, Calif.—Until September 29, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.3 miles grading and surfacing with plant-mixed surfacing, two miles west of the Los Angeles County Line, Ventura Co., Calif.

Work involves:

- (1) 17 sta. clear and grub.
- (2) 500 M. gals. water.
- (3) 10 cu. yds. remove exist. conc.

- (4) 8,600 cu.yds. rdwy. excav. with-class
- (5) 350 cu. yds. struct. excav.
- (6) 25 cu. yds. ditch and channel excav.
- (7) 13,500 cu. yds. imported borrow.
- (8) 1,550 cu. yds. imported surf. material.
- (9) 17 sta. finish rdwy.
- (10) 6 tons liquid asph. SC-2 prime coat.
- (11) 610 tons min. agg. plant mix sur.
- (12) 35 tons liquid asph. ROMC-4 or ROMC-5 plant mix surf.
- (13) 3,600 sq. yds. prepar. mix and shape shoulders.
- (14) 45 tons liq. asph. SC-2 road mix surf. treatment.
- (15) 800 lbs. bar reinforce. steel.
- (16) 15 cu. yds. class A Portland cement struets.
- (17) 12,000 tons heavy riprap.
- (18) 30 lin. ft. 8-in. C M P.
- (19) 390 lin. ft. 24-in. C M P.
- (20) 220 lin. ft. 36-in. C M P.
- (21) 1 each spillway assembly.
- (22) 16 each culvert markers.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento * 29

BIDS WANTED

CROCKETT, Contra Costa County, Calif.—Until September 8, 8:00 P. M. bids will be received at the office of the Carquinez Grammar School Crockett, for construction of a pedestrian underpass, roadway and yard paving and storm gutter and cement sidewalk. PWA Docket Calif. 1950-F. Engineer's estimate, \$12,000.

Plans and specifications may be obtained from the School Principal, Carquinez Grammar School, Crockett, upon the deposit of \$10.00. John L. Mason, Consulting Engineer, 812 Coventry Road, Berkeley. * 29

BIDS WANTED

INYO COUNTY, Calif.—Until September 28, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 11.1 miles grading and surfacing with road mix surface treatment between Death Valley National Monument and Death Valley Junction, Inyo Co., Calif.

Work involves:

- (1) Clear and grub;
- (2) 47,800 cu. yds. rdwy excav. without class;
- (3) 530 Cu. yds. struct. excav.;
- (4) 88,050 cu. yds ditch excav.;
- (5) 10,900 cu. yds imported borrow material;
- (6) 79,000 sta. yds. overhaul;
- (7) 584 sta. finish rdwy.;
- (8) 371 tons liq. asph. SC-2;
- (9) 131,000 sq. yds. prepar. mix and shape roadbed;
- (10) 280 lin. ft. 24-inch C M P.;
- (11) 89 each remove and reset guide posts;
- (12) 28 each dip markers;
- (13) 2,280 cu. yds. light riprap;
- (14) 89 each monuments.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—Until September 19, 8:00 P. M., bids will be received by the Redwood City Council, B. E. Myers, City Clerk, City Hall, for grading and constructing combined cement concrete curbs and gutters and a 4-inch stabilized slurry base pavement with a 1-inch asphaltic armor coat wearing surface on Quartez Street and Avenue Del Ora, Redwood City.

Plans and specifications may be obtained from the above office.

BIDS WANTED

SAN FRANCISCO, Calif. — Until September 14, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing one diamond top sidewalk door, 4-ft. by 8-inch by 5.

Plans and specifications may be obtained from R. A. Chisholm, 490 11th Street, San Francisco. * 29

BIDS OPENED

SAN FRANCISCO.—Eaton and Smith, 715 Ocean Avenue, S. F., at \$10,125.50 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19151, for the improvement of Athens St. between Excelsior Ave. and Avalon Ave. Est. cost, \$10,261.

- (1) 4600 cu. grading (excavation);
- (2) 3900 cu. embankment;
- (3) 1390 l.f. unarmored conc. curb;
- (4) 16,600 sq. ft. asph-conc. pave., consisting of a 6-inch Class F concrete base and a 2-in. asph. concrete base and a 2-in. asph. concrete wearing surface;
- (5) 6060 sq. ft. 6-in. Class E conc. pavement;
- (6) 4 each brick catchbasins complete;
- (7) 110 l.f. 10-in. vit. clay pipe culvert in place;
- (8) 35 l.f. vit. clay pipe sewer, in place;
- (9) 415 l.f. 6-in. vit. clay pipe side sewers, in place;
- (10) 735 sq. ft. 2-course conc. sidewalk.

Total bids follow:

- (A) Eaton and Smith, 715 Ocean Ave., S. F., \$10,125.50.
 (B) West Construction Co., \$11,119.75.
 (C) Chas. L. Harney, \$11,291.15.

Unit prices follow:

	(A)	(B)	(C)
(1)	.40	.50	.38
(2)	.01	.10	.13
(3)	.60	.90	.65
(4)	.25	.23	.28
(5)	.23	.26	.24
(6)	95.00	100.00	90.00
(7)	2.00	1.50	1.60
(8)	2.00	1.50	3.00
(9)	1.50	1.50	2.00
(10)	.17	.14	.20
(11)	16.75	16.75	16.75

CONTRACTS AWARDED

STATE OF WASHINGTON—State of Washington Directors of Highways, L. V. Murrow, Olympia, awarded the following contracts for highway construction as follows:

WALLA WALLA Co.—Grading, draining, surfacing, and manufacturing and stockpiling mineral aggregates (oil rock) on about 3.5 miles of Secondary State Highway No. 3-E, Dry Creek to Berryman, Federal Aid Secondary Project No. F.A.S. 263-B (1) in Walla Walla Co., Washington, involving about 12,670 cu. y. of crushed stone surfacing, 1,850 cu. y. of mineral aggregate (oil rock), 74 cu. y. of concrete, 6,470 lbs. of steel reinforcing bars, 408 l.f. of pipe culverts and other items.

Awarded: Rogers Constr. Co., Box C-4, Dayton, \$31,199.

STEVENS Co.—Constructing a non-skid seal (single seal) treatment on about 41.7 miles of Primary State Highway No. 22, Meyers Falls to Paterson, U. S. Public Works Project No. Wash. 1558-F (Unit 2), in Stevens County, Washington, involving about 611 tons of bituminous cement and other items.

Awarded: McAtee, Inc., E. 930 16th, Spokane, \$22,510. * 29

CONTRACT AWARDED

PHOENIX, Maricopa County, Ariz.—W. E. Hall, Phoenix, at \$23,256, submitted low bid and awarded contract by the Phoenix City Council, City Hall, Phoenix, for the improvement of portions of 20th Place West, 20th Avenue and Van Buren Streets, in the City of Phoenix.

Arizona Sand and Rock Co., Phoenix, at \$23,481.47 submitted second low bid. * 29

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Fisher Construction Co., 516 7th Street, Phoenix, at \$35,805, awarded contract by the U. S. Bureau of Public Roads, Washington, D. C., for grading and surfacing on 1.278 miles of Section C and a portion of Section F, Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, Coconino County, Ariz.

CONTRACT AWARDED

PHOENIX, Maricopa County, Ariz.—Phoenix-Tempe Stone Co., Phoenix, at \$131,851.58 awarded contract by the Phoenix City Commission for the improvement of certain streets in the City of Phoenix. 29

30—RESERVOIRS & DAMS

CONTRACT AWARDED

PASADENA, Los Angeles County, Calif.—Byverts & Dunn, 1131 N Orange Grove Ave, Los Angeles, at \$65,539.48 were awarded contract (subject to PWA approval) by the Pasadena City Directors for construction of the Sheldon Ave Reservoir at Arroyo Drive and Coniston Road, Pasadena. 30

BIDS OPENED

MONTECITO, Calif.—J. E. Burrell & Sons, 518 W. 17th St., Long Beach, at (1) \$17,918, (2) \$18,577, (3) \$18,620 and R. R. Bishop, 4017 E. Broadway, Long Beach, at (4) \$17,600 submitted low bids to the Montecito County Water District, 583 San Ysidro Rd., Montecito, for the construction of 4 service reservoirs, as follows:

- Unit No. 1: Hot Springs Reservoir.
- Unit No. 2: Buena Vista Reservoir.
- Unit No. 3: Harnish Reservoir.
- Unit No. 4: Baring Reservoir.

Total bids follow:
 J. E. Burrell & Sons, (1) \$17,918, (2) \$18,577, (3) \$18,620.
 R. R. Bishop, (4) \$19,750, (2) \$21,500, (3) \$23,000, (4) \$17,600.

Gates and Huntley, (1) \$23,000, (2) \$24,600, (3) \$25,600, (4) \$19,900.
 Hoagland Engrg. & Constr. Co., (1) \$19,900, (2) \$21,350, (3) \$22,930, (4) \$22,050.

Macco Constr. Co., (1) \$19,770, (2) \$21,990, (3) \$27,280, (4) \$18,270.

Nels Oakeson, (1) \$20,751, (2) \$21,989, (3) \$26,385, (4) no bid.

J. V. Perkinson, (1) \$21,091, (2) \$22,647, (3) \$24,476, (4) no bid.

W. E. Robertson, (1) \$18,997, (2) \$19,987, (3) \$20,701, (4) \$24,819. 30

BIDS OPENED

CONCHAS DAM, N. M.—McCarthy Improvement Co., Davenport, Iowa, at \$307,107.25, submitted low bid to U. S. Engineer, Conchas Dam, N. M., construction of the irrigation head-works of the Conchas Dam project consisting of a reinforced concrete lined tunnel, 700 ft. long, of which 320 ft. is an 11 ft. diam. circular tunnel and 310 ft. is a 22 ft. horseshoe tunnel. The sections are connected by a gate chamber lined with reinforced concrete. Supplemental work includes an approach channel, intake structure, outlet portal wall and access cut. Other bids were:

Bent Bros. and Griffin Co., bidding jointly, \$330,685.60.

Government estimate, \$367,994.57. 30

31—PIPE LINES & WELLS

BIDS OPENED

LOS ANGELES, Calif.—E. N. Dunbar, 155 Tobias St., Pico, at \$2416 submitted the low bid to the State Highway Department, L. A., for the installation of centrifugal spun reinf. concrete pipe cross-overs for the following properties: (1) Alexander R. McGregor, and (2) John A. Bliss, on Rosemead Blvd, approx. 1/4 mile So. of Whittier Blvd., in vicinity of Pico, Road VII-L.A.-168-B.

The complete bids were:
 E. N. Dunbar & Sons, Pico, (1) \$1053, (2) \$1363; total \$2416.00.

H. W. Hansen, Downey, (1) \$1091, (2) \$1417; total 2508.

La Habra Concr. Works, (1) \$1120, (2) \$1455; total \$2575.

E. H. Walters, Covina, (1) \$1225, (2) \$1485; total \$2710.00. 31

CONTRACT AWARDED

COACHELLA, Riverside Co., Calif.—Frank Chutuk, 1242 South Bonnie Beach Place, Los Angeles, at \$40,694.60 awarded contract by the Coachella Sanitary District, Coachella, for the construction of approximately five miles of vitrified sewer pipe, including about 79 structures, and a disposal plant consisting of settling tank and digester. PWA has contributed \$28,000 as a loan and \$22,909 as a grant. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

OAKLAND, Calif.—Until Sept. 27, 1:00 P. M. bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for construction of Diamond Canyon sanitary outlet sewers with appurtenances between Leimert and Mountain Blvd., Oakland.

Work involves:
 (1) 2633 lf. 12-inch reinforced concrete pipe sewer;

(2) 917 concrete jackets;

(3) 483 with concrete cradles;

(4) 721 6x6 by 7 ft. reinforced concrete culvert exclusive of reinforcing steel;

(5) 237 6x6 by 7 ft. tunnel with reinforced concrete lining, exclusive of reinforcing steel;

(6) 246 c.y. concrete, end walls, aprons and dam exclusive of reinforcing steel;

(7) 114,102 lbs. reinforcing steel;

(8) 6 standard manholes;

(9) 2 manhole grading covers;

(10) 13 special manholes;

(11) 1 lamphole;

(12) 2 drop connections.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 32

BIDS WANTED

SAN LEANDRO, Alameda Co., Calif.—As previously reported, until September 19, 5:00 P. M., (opened 8:00 P. M.) bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 E. 14th Street, San Leandro, for construction of Project Unit 1, intercepting sewers and appurtenances, PWA PROJECT 1884-F.

Work involves: Approximately 3000 feet vitrified clay pipe sewer 8 to 12-

inch, 6000 feet vitrified clay pipe sewer 15 and 8-inch, misc. sections, corrugated and cast iron pipe, 32 standard brick manholes and steel truss bridge sewer line crossing over San Leandro Creek.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00, \$15.00 return-able.

Harry N. Jenks, Consulting Engineer, 345 Madrone Avenue, Palo Alto, * 32

BIDS WANTED

VISALIA, Tulare County, Calif.—Until September 19, 7:30 P. M. (opened at 8 P. M.) bids will be received by the Visalia City Council for constructing a sewage treatment plant in accordance with plans and specifications prepared by F. S. Currie of the Currie Engraving Co., Anderson Bldg., San Bernardino, copies of which may be seen at the office of the City Clerk, and may be obtained from the engraver upon deposit of \$10, return-able if plans are returned to the city within 5 days after the opening of bids. Certified or cashier's check or bid bond for 10% must accompany each proposal. The bids will be on a lump sum basis, the work including reconstruction of the present Imhoff tank, construction of a control house, a 35-ft. diam. by 26-ft. deep digester, 200-ft. by 10-ft. deep trickling filter, 100x16-ft. sludge bed. The work involves the following quantities:

(1) 2660 cu. yds. excav.;

(2) 900 cu. yds. fill;

(3) Removal of 180 cu. yds. old concrete;

(4) 470 cu. yds. 3000-lb. concrete;

(5) 480 cu. yds. 2500-lb. concrete;

(6) 290 cu. yds. 1500-lb. concrete;

(7) 42 tons reinf. steel;

(8) Sludge pump.

This is a PWA project. * 32

BIDS WANTED

SACRAMENTO, Calif.—Until September 23, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the Eighth Street sewer in the City of Sacramento. Estimated cost, \$128,921. PWA project.

Plans and specifications available from above office. * 32

BIDS WANTED

SACRAMENTO, Calif.—Until September 23, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the "O" Street sewer in the City of Sacramento. Estimated cost, \$144,639. PWA project.

Plans and specifications available from above office. * 32

BIDS WANTED

DELANO, Kern County, Calif.—Until September 20, 8:00 P. M., bids will be received by the Delano City Council, Scott G. Ladd, City Clerk, City Hall, Delano, for construction of a sewage disposal plant, extensions to the water system, a fire alarm system, and extensions to the storm drain system, located in the City of Delano.

Plans and specifications may be obtained from the above office upon the deposit of \$15.00, refundable. * 32

CHANGE OF ADDRESS

Harry N. Jenks, Consulting Engineer, formerly of 2701 Benvenue Ave., Berkeley, has moved to 345 Madrone Ave., Palo Alto. Telephone Number: Palo Alto 22843. * 32

BIDS WANTED

LAKEPORT, Lake County, Calif.—Until September 16, 8:00 P. M., bids will be received by the Lakeport City Council, City Hall, Lakeport, for construction of Project Unit 1, vitrified clay intercepting sewer line and cast iron pipe sewer force main of the Municipal Sewer disposal project, PWA Project 1967-F.

Work involves: 2400 feet 8 and 10-inch vitrified clay pipe with manholes and approximately 2700 feet 6 and 8-inch bell and spigot cast iron pipe.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. Harry N. Jenks, Consulting Engineer, 345 Madrone Avenue, Palo Alto.

Bids for Project Unit 2, sewage pump and treatment works will be called for shortly. 32

BIDS WANTED

SAN LEANDRO, Alameda Co., Calif.—Until September 19, 5:00 P. M. (opened 8:00 P. M.) bids will be received by the San Leandro City Council, City Clerk, 120 E. 14th Street, San Leandro, for construction of Project Unit 1, intercepting sewers and appurtenances, PWA PROJECT 1884-F.

Work involves: Approximately 3000 feet vitrified clay pipe sewer § to 12-inch, 6000 feet vitrified clay pipe sewer 15 and 8-inch, misc. sections, corrugated and cast iron pipe, 32 standard brick manholes and steel truss bridge sewer line crossing over San Leandro Creek.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00, \$15.00 returnable.

Harry N. Jenks, Consulting Engineer, 345 Madrone Avenue, Palo Alto. 32

TO ASK BIDS SHORTLY

SANTA PAULA, Ventura County, Calif.—The Santa Paula City Council will call for bids shortly for the construction of Project Unit 1, sewer line and appurtenances, PWA project, S. G. Bennett, City Engineer, City Hall, Santa Paula. Harry N. Jenks, Asso. Consulting Engineer, 345 Madrone Ave., Palo Alto. 32

33— WATER WORKS

BIDS WANTED

SACRAMENTO, Calif.—Until September 30, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of new water, Sections 6 to 7 in the City of Sacramento. Estimate cost, \$54,660. PWA project.

Plans and specifications available from above office. 32

BIDS WANTED

SACRAMENTO, Calif.—Until September 16: 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of new water mains, Section 1 to 5 in the City of Sacramento. Estimated cost, \$42,230. PWA project.

Plans and specifications available from above office. 33

BIDS WANTED

MARTINEZ, Contra Costa County, Calif.—Until September 21, 8:00 P. M., bids will be received by the City of Martinez, Raymond B. Johnson, City Clerk, City Hall, for construction of water main extensions, Contract B of PWA Docket Calif. 1749-F. Engineer's estimate, \$30,700.

CONTRA COSTA CO—UNDERGRADE CROSS.—(State)

CONTRA COSTA COUNTY, Calif.—Macco Construction Co., 815 Paramount Blvd., Clearwater, at \$40,829.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of two undergrade crossings under the tracks of the Sacramento Northern Railway and under a County Road at Ohmer Station and about 0.15 miles roadway to be paved with Portland cement concrete, Contra Costa Co., Calif.

Work involves:

- (1) 1 lot shoofly trestle removed;
- (2) 15 c y. concrete removed;
- (3) 30 M gals. water;
- (4) 3,400 c y. struc. excav.;
- (5) 1,400 c y. selected material;
- (6) 1,800 sq. yds preparing subgrade;
- (7) 8 sta. finish roadway;
- (8) 2 tons liq. asphalt, SC-1A shoulders;
- (9) 1 ton liq. asphalt, SC-2 shoulders;
- (10) 8 tons screenings shoulders;
- (11) 350 c y. class B Port. cement concrete pave.;
- (12) 720 each pave dowels;
- (13) 94,000 lbs. bar reinf. steel;
- (14) 640 c y. class A Port. cement concrete structs.;
- (15) 8.5 c y. class A Port. cement concrete ralling;
- (16) 90,000 lbs. struc. steel;

- (17) 1,800 lbs. cast steel;
- (18) 18,000 lbs. ballast plate;
- (19) 3 M ft. board measure treated Douglas fir timber;
- (20) 70 lf. 8-inch CMP;
- (21) 172 lf. 10-inch CMP;
- (22) 540 lf. 12-inch CMP;
- (23) 86 lf. 15-inch CMP;
- (24) 82 lf. 18-inch CMP;
- (25) 828 lf. 30-inch CMP;
- (26) 36 lf. 8-inch perf. metal pipe;
- (27) 4 e. y. rock filling material;
- (28) 195 c y. class A Port. cement concrete curbs, gutters and sidewalk;
- (29) 7 c y. protective covering;
- (30) 1 lot misc. items of work.

- Total bids follow:
- (A) Macco Const. Co., 815 Paramount Blvd., Clearwater, \$40,829.80.
 - (B) Union Paving Co., S. F., \$44,461.80.
 - (C) D. W. Nicholson, Oakland, \$45,712.00.
 - (D) R. G. Clifford, S. F., \$47,173.30.
 - (E) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$47,876.58.
 - (F) P. J. Walker, San Francisco, \$47,947.20.
 - (G) E. T. Lesure, Oakland, \$58,491.70.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	400.00	300.00	300.00	300.00	500.00	100.00	450.00
(2)	5.00	8.00	7.00	4.00	6.00	6.00	7.00
(3)	1.00	2.00	2.30	2.50	3.00	2.50	2.50
(4)	.90	1.50	1.15	1.50	1.00	1.50	2.55
(5)	.05	.50	.85	.31	.26	.60	.27
(6)	.12	.10	.26	.19	.26	.15	.12
(7)	15.00	15.00	12.00	19.00	7.00	12.50	10.00
(8)	11.00	20.00	31.00	25.00	25.00	30.00	24.00
(9)	12.00	28.00	34.00	25.00	25.00	30.00	30.00
(10)	3.00	5.00	4.50	2.25	4.50	4.00	6.00
(11)	9.00	9.00	14.00	12.50	14.00	13.50	15.00
(12)	.16	.20	.20	.22	.20	.30	.24
(13)	.045	.035	.04	.05	.045	.04	.045
(14)	18.00	22.00	21.00	20.60	22.34	20.00	24.00
(15)	60.00	60.00	60.00	60.00	60.00	60.00	75.00
(16)	.075	.07	.0675	.079	.083	.072	.075
(17)	.15	.20	.20	.19	.20	.24	.25
(18)	.08	.08	.08	.10	.096	.088	.08
(19)	115.00	100.00	120.00	120.00	100.00	100.00	120.00
(20)	1.00	1.00	.90	1.00	1.00	1.05	1.10
(21)	1.00	1.25	1.00	1.10	1.30	1.20	1.25
(22)	1.15	1.50	1.30	1.30	1.36	1.30	1.40
(23)	1.30	1.80	1.50	1.50	1.63	1.40	1.60
(24)	1.65	2.00	1.60	1.85	2.00	1.80	1.80
(25)	4.00	3.50	3.10	3.60	3.75	3.40	4.00
(26)	1.00	1.00	1.00	1.00	1.00	1.10	1.25
(27)	2.50	5.00	4.50	2.00	3.75	4.00	7.50
(28)	14.50	14.00	20.00	14.00	17.50	18.50	19.00
(29)	25.00	15.00	35.00	11.60	6.50	30.00	35.00
(30)	1000.00	1000.00	600.00	1000.00	900.00	2500.00	1600.00

Work involves:

- LINE A:
- (1) (A) 4290 lin. ft. 10-inch diameter "cement asbestos" Class 150, or cement lined cast iron Class 150, pipe in place including all ditching, backfill and replacing pavement.
 - (B) 180 ft. 12-inch diameter "cement asbestos" Class 150, or cement lined cast iron Class 150, pipe in place including all ditching and backfill.
 - (C) 400 ft. 8-inch diameter cement asbestos Class 150, or cement lined cast iron pipe class 150, pipe in place including all ditching, backfill and replacing pavement.
- (2) Construction of trestle for creek crossing at Arch Street.
- LINE B:
- (3) 4375 lin. ft. 6-inch diameter cement asbestos, Class 150, or cement lined cast iron Class 150, pipe in place including all ditching, backfill and replacing pavement.
 - (5) 560 lin. ft. relaying, reclaimed 4-inch cast iron pipe including all

- ditching, backfill and replacing pavement.
 - (6) 450 lbs. relaying reclaimed four-inch valves and fittings.
- LINE C AND D:
- (7) 1530 lin. ft. 8-inch diameter cement cast iron, or Durolite steel pipe, including all ditching, backfill and replacing pavement.
- LINE E:
- (8) 5590 lin. ft. 6-inch diameter cement lined cast iron or Durolite steel pipe including all ditching, backfill and replacing pavement.
 - (9) 1950 lin. ft. reclaiming existing 4-inch cast iron pipe, valves and fittings and distributing same for re-use, including all ditching, backfill, and replacing pavement.
 - (10) 260 lin. ft. relaying reclaimed 4-inch cast iron pipe including all ditching, backfill and replacing pavement.
 - (11) 300 lbs. relaying reclaimed four-inch valves and fittings.
 - (12) 3 resetting existing Carey type fire hydrants, including excav. and backfill.

- (13) 12,100 lbs. furnishing and installing unclassified cast iron fittings.
 - (14) 3 furnishing and installing new fire hydrants, including excav. and backfill.
 - (15) One 12-inch by 10-inch tapping sleeve with 10-inch tapping valve, valve box and cover, in place.
 - (16) One 12-inch by 8-inch tapping sleeve with 8-inch tapping valve, valve box and cover, in place.
 - (17) 5 6-inch tapping sleeve with 6-inch tapping valve, valve box and cover, in place.
 - (18) One 6-inch tapping cross with two 6-inch tapping valves, valve boxes and covers, in place.
 - (19) Four 4-inch tapping sleeve with 4-inch tapping valve, valve box and cover, in place.
 - (20) One 12-inch hub end gate valve with valve box and cover, in place.
 - (21) 7 10-inch hub end with gate valves, with valve boxes and covers in place.
 - (22) 2 8-inch hub end gate valves, with valve boxes and covers, in place.
 - (23) 19 6-inch hub end gate valves with valve boxes and covers, in place.
 - (24) 6 new 4-inch hub end gate valves with valve boxes and covers, in place.
 - (25) 6 cu. yds. concrete for blocking, fittings, valves, hydrants, etc., and for pipe anchorages.
- Plans and specifications may be obtained from the City Clerk, Martinez, upon the deposit of \$20.00. John L. Mason, Consulting Engineer, 812 Coventry Road, Berkeley. * 33

LOW BIDDERS

TEHACHAPI, Kern County, Calif.
 —Fred W. Weber, 8442 California Avenue, South Gate, at \$9670.11 (Sch. 2), Carl H. Stuber, Tehachapi, at \$2493.02 (Sch. 3) and Roy E. Davis Co., at \$1852.95 (Sch. 4) submitted low bids to the Tehachapi City Council for the construction of cast iron water mains and appurtenances, drilling of a water well, and for furnishing and installing a deep well pump.

Bids taken on:
 Sch. 1—Cast iron water mains with lead joints.
 Sch. 2—Cast iron water mains with cement joints.
 Sch. 3—Drilling water well.
 Sch. 4—Deep well turbine water pump. * 33

34— PARKS AND PLAY GROUNDS

CONTRACT AWARDED

MONTEREY, Monterey Co., Calif.
 —Pine View Nursery, P. O. Box 965, Carrel Highway, Pacific Grove, at \$495 awarded contract by the Procurement Division Public Buildings Branch, Washington, D. C., for planting and seeding grounds at the U. S. P. O. at Monterey. 34

VET'S ADMINISTRATION

PALO ALTO, Calif.—Bids will be received by the Veterans Administration Facility, Wm. H. Radcliffe, Supervising Superintendent of Construction, Palo Alto, for furnishing supplies and materials, as follows:
 September 15, 2:30 P. M.
 BID No. 54-39-3: Three metal frames or elevator entrances; fob. V. A. Facility, Reno, Nevada.
 September 20, 2:30 P. M.
 BID No. 54-39-4: Furnishing complete one information window, including millwork, glass top, metal grille, aluminum letters and hardware; fob. V. A. Facility, Reno, Nevada.

LANE COUNTY—EXCAVATION—(GOVT)

LANE COUNTY, Oregon—Kuckenber Const. Co., Portland, at \$108,630 submitted low bid to the U. S. Engineer Office, District Engineer, 625 Pittock Block, Portland, under Bid No. 698-39-87, for clearing, bank sloping, gravel borrow and gravel excavation; and construction of approximately 6,300 ft. of rock riprap revetment, located in Lane Co. District Improvement Company No. 1, on the Willamette River at mile 169 and mile 172, Lane Co., Oregon.

Work involves:

- LOCATION 7-A
- (1) 1 acre clearing;
- (2) 300 c.y. gravel sloping;
- (3) 27,000 c.y. gravel excav.;
- (4) 24,900 tons rock riprap.
- LOCATION 9
- (5) 1 acre clearing;
- (6) 2,100 c.y. bank sloping;
- (7) 9,000 c.y. gravel excav.;
- 8) 18,750 tons rock riprap.

Total bids follow:

(A) Kuckenber Const. Co., Portland.....	\$108,630.00
(B) Joplin & Eldon, Portland.....	109,880.00
(C) Jacobsen-Jensen Co., Portland.....	130,717.00
(D) Kern and Kibbe, Portland.....	132,350.00
(E) Homer G. Johnson, Portland.....	138,067.50
(F) The United Contracting Co., Portland.....	152,267.50
(G) Contracting Officer's estimate.....	146,410.88

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$300.00	\$800.00	\$350.00	\$500.00	\$1000.00	\$700.00	\$240.00
(2) .....	.50	.50	.50	.75	.50	.45	.36
(3) .....	.30	.27	.45	.35	.40	.45	.405
(4)	2.20	2.20	2.58	2.75	2.50	3.05	3.125
(5)	300.00	300.00	350.00	300.00	500.00	600.00	480.00
(6) .....	.50	.35	.50	.50	.35	.50	.36
(7) .....	.30	.30	.45	.50	.40	.50	.3925
(8)	2.20	2.30	2.58	2.60	2.75	3.05	2.8025

SAN FRANCISCO—LAYING MAINS—(CITY)

SAN FRANCISCO, Calif.—The San Francisco Water Department, at \$2,552.30 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Specification No. W. D. 185, for the laying of 6-inch and 8-inch cast iron mains in Noriega Street, and 29th Ave., S. F.

Work involves:

- (1) 750 lf. excavation and backfill for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
- (2) 10 c.y. additional excavation and backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 400 lf. 6-inch bolted joint cast iron pipe;
 - (b) 350 lf. 8-inch bell and spigot cast iron pipe;
- (5) 900 lbs. fittings, gate valves, etc., installed;
- (6) 90 lf. bell and spigot joints for pipe and fittings;
- (6a) 70 bolted joints for 6-inch cast iron pipe;
- (7) 1500 sq. ft. street pavement;
- (8) 19 ¾-inch screw taps installed;
- (9) 800 lf. ¾-inch galv. iron service pipe installed;
- (10) Furnishing cast iron pipe—class 150:

- (a) 400 lf. 6-inch bolted joint pipe at \$0.74 per lf.
- (b) 350 lf. 8-inch bell and spigot cast iron pipe at \$1.00 per lf.

- (11) Furnishing bell end gate valve:
 - (a) 1 four-inch valve at \$12.00 each;
 - (b) 1 six-inch valve at \$17.00 each;
- (12) 680 lbs. bell and spigot cast iron fittings at \$0.06 per lb.
- (13) 100 lbs. steel band and bolts at \$0.05 per lb.;
- (14) 800 lf. ¾-inch galv. iron service pipe at \$0.07 per lf.
- (15) lump sum—furnishing ¾-inch fittings for services at \$36.
- (16) lump sum, engineering, supervision and inspection at \$264;
- (17) lump sum, connections at \$82.

Total bids follow:

- (A) San Francisco Water Department, \$2,052.30.
- (B) W. J. Tobin, \$2,150.80.
- (C) Lowrie Paving Co., \$2,151.80.
- (D) Fay Improvement Co., \$2,328.05.
- (E) Pacific Coast Constr. Co., \$2,402.65.
- (F) E. J. Treacy, \$2,469.80.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1) .....	.30	.32	.24	.50	.42	.79
(2) .....	.50	.10	.50	.50	1.00	1.00
(3)	—	—	—	—	—	—
(4a) .....	.06	.06	.06	.12	.12	.10
(4b) .....	.06	.07	.07	.12	.12	.10
(5) .....	.02	.03	.03	.03	.03	.03
(6) .....	.30	.30	.40	.35	.35	.35
(6a) .....	.20	.30	.25	.30	.35	.30
(7) .....	.26	.25	.28	.28	.35	.25
(8) .....	.50	1.50	1.00	1.25	1.15	1.00
(9) .....	.20	.28	.30	.22	.25	.20
10a) .....	.74	.74	.74	.74	.74	.74
10b)	1.00	1.00	1.00	1.00	1.00	1.00
11a)	12.00	12.00	12.00	12.00	12.00	12.00
11b)	17.00	17.00	17.00	17.00	17.00	17.00
(12) .....	.06	.06	.06	.06	.06	.06
(13) .....	.05	.05	.05	.05	.05	.05
(14) .....	.07	.07	.07	.07	.07	.07
(15)	36.00	36.00	36.00	36.00	36.00	36.00
(16)	264.00	264.00	264.00	264.00	264.00	264.00
(17)	82.00	82.00	82.00	82.00	82.00	82.00

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

SIGN, roof, \$25; 1028-1056 Market St.; owner and builder. Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$200; 467 19th Ave.; owner, A. M. Goodman, Los Angeles.
 SIGN, electric, \$100; 1529 Van Ness Ave.; owner, Flynn & Collins, prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

SIGNS (2), electric, \$30 each; 36 Powell St.; owner, Dr. Schwarzmann, prem.; contractor, Wonderlite Neon, 170 Otis St.

ALTER restaurant and bar, \$900; owner, Louis Varney, prem.; contractor, Amos Construction Co., 2709 Laguna St.

ALTER beauty parlor, \$875; 160 Powell; owner, John Schluter, 150 Powell St.; contractor, Egan Gm. Co., 1695 Jackson St.

ALTER store, \$350; 308 10-12 Jessie St.; owner, Jas. D. Costegan, 716 Howard St.; contractor, Lowery Paving Co., 1540 16th St.

SIGN, electric, \$850; 192 4th Street; owner, Mars Hotel, prem.; contractor, Apex Electric Co., 363 Fell St.

FLUE, \$20; 703 10th Ave.; owner, O. E. Denhard, prem.; contractor, Ahlback & Meyer, 85 Dorland St.

SIGN, electric, \$200; 7162 Mission St.; owner, Lims Cafe, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$150; 236 4th Street; owner, Avondale Hotel, 233 4th St.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$500; 2070 Bush St.; owner, Y. Ishii, prem.

ALTER flats, \$590; 1325 12th Ave.; owner, Peter Senger, prem.; contractor, Stuart Foster, 28 Harry St.

ALTER dwelling, \$450; 1269 Quesada; owner, Clara Johnson, prem.

ALTER garage, \$60; 101 Hoffman Ave.; owner and builder, J. Baird, prem.

FLUE, \$15; 1470 25th Ave.; owner, Tribel, prem.; contractor, Carver Niles Co.

ALTER dwelling, \$400; 114 Virginia; owner, W. Call, 17 Eugenia; contractor, Bernard W. Donner, 3800 Mission St.

ALTER restaurant, \$400; 579 Geary St.; owner, Sam Wong, prem.; contractor, Mangrum Holbrook & Elkus, 301 Golden Gate Ave.

ALTER dwelling, \$500; 927-929 Fulton; owner and builder, Golda Thackeray, 268 1st St.

SIGN, electric, \$160; 621 Clement St.; owner, A. M. Carlson, prem.; contractor, Electrical Products Corp., 910 Harrison St.

SIGN, electric, \$350; 908 Market St.; owner, California School of Beauty Culture, prem.; contractor, Apex Electric Co., 363 Fell St.

ALTER dwelling, \$200; 230 Broad St.; owner, Dunne, 232 Broad St.; contractor, Hanson & Klint, 2311 32nd Ave.

SIGN, electric, \$150; N. E. Stockton and Green; owner, L'Italia, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 1661 Pacific Ave.; owner, Walt Rodick, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$500; 1059 Union; owner, O. F. Wright, prem.; contractor, Jas. McFarland, 624 2nd Ave.; plans by (Eng) Jas. McFarland, 624 2nd Ave.

SIGN, electric, \$300; N. W. San Bruno Ave. & Hilton; owner, 7 Up Bottling Co., N.E. San Bruno Ave. & Hilton; contractor, QRS Neon, 690 Potrero.

FLUE, \$20; E. 21st Ave. 50 N. Anza; owner, John Jurras, 2950 Anza St.; Worden Sheet Metal, 4435 Geary.

ALTER dwelling, \$285; 187 Bonview; owner, Joseph Schwab, premises; contractor, National Roofing & Siding Co., 2172 Market St.

ALTER dwelling, \$300; 1711 Eddy St.; owner, Dan Starrett, 138

SAN DIEGO—WATER SYSTEM—(GOVT)

SAN DIEGO, Calif.—Chas. and F. W. Steffgen, 2015 Bay Front Street, San Diego, submitted the low bid to the Public Works Officer, 11th Naval District, San Diego, for furnishing equipment and labor and laying 16-in. water main across San Diego Bay from San Diego to Coronado and thence in a strip of land between the established high tide line and the established bulkhead line, off Coronado, and connecting to the existing water main in the vicinity of the causeway leading to the Naval Air Station, a total distance of 9000 lin. ft. Spec. 9835.

The items were:

- (1) laying 16-in. diam. C. I. pipe in 12-ft. lengths, using leaded flex. joint pipe, type A, from point X at San Diego across the bay to point Y at Coronado only;
- (2) same from point X at San Diego across the bay to Coronado and along the tidelands to point Y at east end of causeway;
- (3) deduction from price stated in (1) if 12-ft. lengths of bolted flex. type pointed pipe are used in lieu of 12-ft. lengths of leaded flex. jointed pipe as covered by Alt. A;

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
(A)	\$13,000.00	\$17,999.00	\$100.00	\$100.00	\$100.00	\$100.00	\$200.00
(B)	37,000.00	63,000.00	3000.00	3000.00	4000.00	4500.00	2500.00
(C)	19,180.00	32,000.00	3400.00	5000.00	5400.00	8130.00	500.00
(D)	38,000.00	53,500.00	4000.00	4800.00	6000.00	7000.00	1000.00
(E)	51,117.00	62,117.00	3000.00	1000.00	2500.00	3000.00	1000.00
(F)	25,800.00	36,300.00	3600.00	4000.00	4400.00	5600.00	—
(G)	23,625.00	38,325.00	1945.00	2225.00	4865.00	6255.00	600.00

MARIPOSA COUNTY—SURFACING—(GOVT)

MARIPOSA CO., Calif.—Triangle Rock & Gravel Company and Ralph A. Bell, Box 250, San Bernardino, at \$270,244.00 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surfacing on approximately 30,823 miles of Section A1, A2, and A3, of Route 5, Wawona Road-Glacier Point, Yosemite National Park, Calif.

Work involves:

- (1) 30.823 miles fine grading sub-grade and shoulders;
- (2) 2.600 M. gals. watering;
- (3) lump sum—water plant or plants for project;
- (4) 73,000 tons crushed rock base course;
- (5) 710 tons applying government furnished cutback asphalt (Type MC-2) for prime coat;
- (6) 1200 tons placing government furnished aggregate for armor coat;
- (7) 85 tons applying Government furnished 90-95 liquid asphalt for armor coat;
- (8) 32,800 tons Class F-2 open graded plant mixture;

	(A)	(B)	(C)	(D)	(E)
(1)	500.00	500.00	750.00	500.00	800.00
(2)	2.50	1.25	3.00	2.00	3.00
(3)	750.00	300.00	1000.00	1000.00	2500.00
(4)	1.64	2.00	2.40	3.25	3.15
(5)	5.00	6.50	8.00	4.50	10.00
(6)	3.00	1.75	3.00	2.75	2.50
(7)	5.50	7.00	10.00	4.50	10.00
(8)	2.60	2.50	3.20	4.30	4.50
(9)	4.40	2.88	5.00	2.90	4.50
(10)	3.00	2.75	6.00	2.90	4.00
(11)	5.50	4.00	4.00	4.50	6.00
(12)	5.50	7.00	10.00	5.00	10.00
(13)	5.50	7.00	10.00	5.00	10.00
(14)	6000.00	6000.00	6000.00	6000.00	6000.00

- (4) deduction from (1) if 15-ft. 9-in. lengths of bolted flex. type joints are used in lieu of 12-ft. leaded flex. type as covered by Alt. B;
- (5) deduction from (2) if 12-ft. lengths of bolted flex. type pointed pipe are used in lieu of 12-ft. lengths of leaded flex. pipe in Alt. A;
- (6) deduction from (2) if 15-ft. 9-in. lengths of bolted flex type jointed pipe are used in lieu of 12-ft. lengths of leaded flex pipe in Alt. B;
- (7) amount to be deducted from prices under (1) and (2) for use of 25-ton floating crane as covered by Alt. C.

Bidders were:

- (A) Chas. & F. W. Steffgen, San Diego.
- (B) San Francisco Bridge, San Francisco.
- (C) Hull, Smale & Robinson, Wilmington.
- (D) Underground Constr. Co., Berkeley.
- (E) Ben C. Gerwick, Inc., S. F.
- (F) Travers Constr. Co. & Lebbus Curtis.
- (G) Case Constr. Co., Inc., Alhambra.

Prices follow:

- (9) 2400 tons class F-2 choker aggregate;
- (10) 2,450 tons Class F-2 cover aggregate;
- (11) 1,415 tons hauling Government furnished 90-95 liquid asphalt for Class F-2 plant mixture;
- (12) 545 tons applying Government furnished emulsified asphalt for Class F-2 seal;
- (13) 50 tons applying Government furnished cutback asphalt (Type MC-2) for seal coat on gutters, shoulders and dikes;
- (14) Force account one-way traffic control and sanding asphaltic material.

Total bids follow:

- (A) Triangle Rock & Gravel Co., and Ralph A. Bell, Box 250, San Bernardino, \$270,244.00.
- (B) Louis Blascetti & Son, Stockton, \$283,819.50.
- (C) Union Paving Co., S. F., \$366,517.25.
- (D) Hanhaban Co., S. F., \$436,186.50.
- (E) Gibbons & Reed Co., Burbank, \$464,498.40.

Unit prices follow:

Erie St.; contractor, Ed. Rosemont, 176 Duboce Ave.
 SIGN, electric, \$390; 175 6th Street; owner, Hotel Alder, prem.; contractor, Brumfield, 965 Folsom Street.
 ALTER dwelling and restaurant \$500; 2299 Powell; owner, Irene Buels, prem.; contractor, P. G. Soss, 1680 Sanchez St.
 FLUES, 2 metalbestos, \$45; S. E. San Bruno and Hilton; contractor, 7 Up Bottling Works, prem.; contractor, General Sheet Metal, 1529 Pine St.
 ALTER dwelling \$42; 648 Fulton St.; owner and builder, Morris & Celia Reznick, 684 Fulton St
 ALTER flat, \$100; 1227-1229 Union St.; owner and builder, Pete Bouzout, 1207 Union St.
 ALTER apts., \$450; 2507-2511 Polk St.; owner, Sam Gazzano, 2509 Polk St.; contractor, F. Rossi, 1835 Stockton St.
 ALTER dwelling, \$300; 156 Russ St.; owner, L. L. Lieb, Novato.
 ALTER loft, \$250; 111 Jones Street; owner, Mercantile Properties, c/o 1734 Broderick; contractor, L. Solomon, 1734 Broderick.
 LOFTS, \$200; 1061 Market St.; owner, William Ede Co., Kohl Bldg. RAMP, \$450; E. Jerrold Ave 150 N. Unton; owner, Southern Pacific

Co., 65 Market St.
 ALTER apts., \$50; 3135 Pacific Ave.; owner, J. McClymond, prem.; contractor, Carl J. Fung & Co., 719 1/2 Sacramento.
 SIGN, electric, \$75; 1157 Grant Ave.; owner, Garaventa & Foppoli, prem.; contractor, Brumfield, 965 Folsom St.
 ALTER dwelling, \$250; 215 Corona Court; owner, Claude A Shull, prem.
 SIGN, electric, \$200; 2850 21st St.; owner, Hohr & Tomke, premises; contractor, Wonderlite Neon Corp., 170 Otis St.
 ALTER dwelling, \$410; 1629 Dolores St.; owner, Henry T. McGrath, prem.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.
 ALTER dwelling, \$300; 1098 Carolina St.; owner, John Ermacoff, prem.
 ALTER dwelling, \$75; 2011 Filbert St.; owner and contractor, Giovanni Monteverdi, 2048 Greenwich St.
 ALTER dwelling, \$400; 143 Flood Ave; owner, Susan Yust, prem.
 FLUES, (2) \$25; 55 Osgood Street; owner, Mr. Campbell, prem.; contractor, A. Ramezotti, 1473 Vallejo St.
 ALTER dwelling, \$410; 1343 Hampshire; owner, C. M. Sullivan, prem.; contractor, Dan C. Richardson, 2064-8 Golden Gate Ave.

ALTER dwelling, \$200; 181 Landress St.; owner, Angelo Bellono, prem.; contractor, Victor Oliva, 927 Hampshire.
 ALTER dwelling, \$150; 668 Parls; owner, S. P. Marelich, prem.
 ALTER hotel, \$500; 44 McAllister St.; owner, Salvation Army, 115 Valencia St.; contractor, Lindgren & Swinerton Inc, 225 Bush St.; plans by D. D. Stone, 381 Bush Street.
 ALTER dwelling, \$630; 979 Dolores; owner, Antonio Ferrigno, prem.; contractor, Modernization Co. of California, 3601 Geary Blvd.
 ALTER dwelling, \$100; 2131 47th Ave; owner, E. H. Lacey, 270 Laguna; contractor, G. M. Moore.
 FLUE, \$15; 284A Richland Avenue; owner, S. Neimoff, prem.; contractor, Carver Niles Co.
 FLUE, \$15; 627 5th Ave.; owner, Buoncrisiani, prem.; contractor, Carver Niles Co.
 ALTER bathroom; owner, W. W. Sanders, prem.; contractor, Royal Show Case Co., 770 McAllister St.
 ALTER dwelling, \$100; 1410 Van Ness Ave South; owner and builder, Gus Arnold, prem.
 SIGN, electric, \$65; 129 Geary St.; owner, Townsend's, prem.; contractor, Electrical Products, 910 Harrison St.

VALLEJO—WATER SUPPLY LINE—(CITY)

VALLEJO, Solano Co., Calif.—W. J. Tobin, 3701 Balfour Avenue, Oakland, at \$41,882.50 submitted low bid to the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for reconstruction of a main water supply line, 12 miles from the City of Vallejo.
 Work involves:
 (1) 2850 l.f. excavation, trench for 14-inch pipe;
 (2) 2870 l.f. excavation for 22-inch pipe;
 (3) 3420 l.f. excavation for 14 and 20-inch pipe;
 4) 746 c.y. deep trench excavation for 14 and 20-inch pipe;
 (5) 95 c.y. excavation for structure;
 (6) 28 l.f. backfill, 14-inch pipe removed;
 (7) 2870 l.f. backfill, 22-inch pipe removed;
 8) 600 c.y. backfill, trench and breaking down;
 (9) 3420 l.f. backfill for 14-inch and 22-inch pipe;
 (10) 736 yds. backfill;

- (11) 3880 l.f. 14-inch pipe removed;
- (12) 2850 l.f. pipe reconditioned (cast iron);
- (13) 2870 l.f. removing 22-inch pipe (steel);
- (14) 800 l.f. furnishing pipe Class 150;
- (15) 3050 l.f. furnishing pipe Class 100;
- (16) 1,000 l.f. furnishing pipe Class 150;
- (17) 7900 lbs. pipe fittings for 14-inch and 22-inch cast iron pipe;
- (18) 2 each pipe reducers;
- (19) one 50-inch gate valve furnished by the City;
- (20) 3870 l.f. bell and spigot for 14-inch pipe;
- (21) 3057 l.f. bell and spigot for 22-inch pipe;
- (22) Lump sum, east railway crossing;
- (23) lump sum, west railway crossing;
- (24) 50 c.y. concrete reinforcing piers;
- (25) 2500 lbs. reinforcing steel;
- (26) 13 only 26-inch pipe saddle;
- (27) 112 l.f. CMP;

- (28) 256 l.f. fence removed and constructed;
- (29) one lot, removing and installing valves, gate valves, etc.
 Alternate: Items 14-15-20.
 Total bids follow:
 (A) W. J. Tobin, 3701 Balfour Ave, Oakland, \$41,882.50, Alt., \$4,453.95.
 (B) Mills Const. Co., S. F., \$43,690.95, Alt., \$7,729.81.
 (C) Pacific States Const. Co., S. F., \$44,104.86, Alt., \$6,971.40.
 (D) John Pestana, Oakland, \$44,951.07, Alt., \$8,598.06.
 (E) Underground Const. Co., Oakland, \$45,533.30, Alt., \$6,116.00.
 (F) M. J. Lynch, S. F., \$45,852.98, Alt., \$9,682.50.
 (G) J. A. Fazio, M. J. McGuire & M. Hester, Oakland, \$46,264.83, Alt., \$6,971.40.
 (H) MacDonald & Kahn Co. Ltd., S. F., \$47,326.49, Alt., \$14,330.10.
 (I) Robert B. McNair, Oakland, \$50,314.25, Alt., \$7,352.35.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	.37	.28	.58	.48	.40	.42	.22	.50	.25
(2)	.37	.34	.58	.48	.40	.51	.24	4.00	.27
(3)	.75	.50	.78	.48	.40	.51	.46	1.00	.50
(4)	1.75	.33	1.00	.72	1.00	1.00	1.10	1.00	1.50
(5)	2.50	6.65	2.25	1.20	2.00	2.00	1.40	2.50	1.50
(6)	.14	.10	.07	.12	.20	.18	.11	.20	.15
(7)	.14	.10	.07	.14	.20	.18	.13	.20	.15
(8)	.15	.20	.45	.17	.50	.30	.35	.30	1.70
(9)	.33	.33	.07	.17	.20	.30	.20	.25	.20
(10)	.15	.34	.65	.14	.50	.30	.35	.25	.65
(11)	.15	.33	.12	.48	.50	.52	.27	.60	.50
(12)	.25	.52	.50	1.10	1.00	.36	.15	.45	.40
(13)	.20	.63	.20	.72	.62	.50	.56	.28	.60
(14)	5.80	5.00	4.50	4.65	4.50	5.21	5.65	4.50	5.70
(15)	4.56	4.40	3.95	4.10	4.00	4.19	5.06	4.00	5.50
(16)	3.48	2.75	2.80	2.90	2.90	3.00	3.51	3.50	3.25
(17)	.07	.80	.08	.07	.07	.09	.07	.10	.07
(18)	25.00	33.00	30.00	30.00	30.00	30.00	50.00	20.00	40.00
(19)									
(20)	.60	1.05	1.10	1.07	1.00	.90	.79	1.00	1.00
(21)	.40	.54	.55	1.00	.90	.66	.70	1.00	.85
(22)	2000.00	1564.00	3250.00	1250.00	1160.00	2180.00	2300.00	2000.00	2750.00
(23)	1154.00	1778.00	2250.00	675.00	900.00	1130.00	1200.00	1200.00	1750.00
(24)	26.00	25.35	22.00	20.00	30.00	25.00	39.00	20.00	27.00
(25)	.06	.065	.08	.05	.80	.60	.06	.05	.075
(26)	6.00	6.60	25.00	9.00	20.00	7.00	14.00	10.00	20.00
(27)	1.50	2.65	1.00	1.20	2.00	3.00	2.00	2.00	1.50
(28)	.40	1.00	.40	.20	1.00	.50	.35	.25	.25
(29)	100.00	306.00	300.00	100.00	100.00	425.00	400.00	200.00	200.00
(Alt.)	1.50	1.97	1.80	2.22	1.60	2.50	1.80	3.45	1.95

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Low Bids Total \$109,000
on State Jobs



Bids September 23 on Brentwood School



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., SEPT. 17, 1938

No. 38

Campbell, Piazza & Huntley, Garcia Low Bidders on Three State Highway Projects

SACRAMENTO, Sept. 14.—Low bids aggregating approximately \$109,000 were submitted to the State Division of Highways here today on three construction projects located in Sacramento, San Benito and Siskiyou counties.

Low bidder on the day's largest job was Campbell Construction Company, 800 R street, Sacramento, with a proposal of \$77,011 for constructing an undergrade crossing under the Southern Pacific tracks about four miles east of Ben All Station in Sacramento county.

Azevedo Construction Co., Sacramento, at \$82,466 was second low bidder on the underpass project, which also includes about two-tenths of a mile of grading and paving with Portland cement concrete.

Complete total bids on the underpass were:

Campbell Const. Co.....	\$77,011
Azevedo Const. Co.....	82,466
J. R. Reeves, Sacramento....	83,593
Holderer Const. Co., Sacramento	84,900

A contract for slope protection work in San Benito county drew proposals from nine contractors, with Piazza & Huntley, 195 North Sixth street, San Jose, low at \$17,640.

Second low bidder was Lee J. Immel of Berkeley, at \$18,304. The contract calls for construction of slope protection on approximately eight-tenths of a mile between Paines and Tres Pinos.

Total bids on the slope protection job were as follows:

Piazza & Huntley.....	\$17,640
Lee J. Immel.....	18,304
Independent Const. Co. Ltd. Oakland	18,600
N. M. Ball Sons, Berkeley..	18,793
E. T. Lesure, Oakland.....	19,110
L. C. Seidel, Oakland.....	20,160
Granite Const. Co., Watsonville	22,737
F. Kans, Stockton.....	22,868
Valley Const. Co., San Jose	26,640
Garcia Construction Co., P. O. Box 65, Irvington, was low bidder at \$14,356 for placing roadmix surfacing, penetration oil treatment and seal coat on approximate-	

BIDS SEPT. 23 FOR BRENTWOOD SCHOOL PROJECT

15-Classroom Structure Out for Proposals; Plans Available

Bids for construction of a school at Brentwood, Contra Costa county, have been invited by the Brentwood-Deer Valley School District, it was announced this week.

Proposals on the contract will be received by the district until September 23.

The contract calls for construction of a one-story frame and stucco school building and demolition of existing structures. The new building will contain 15 classrooms.

Funds Allotted

A PWA grant of \$45,000 recently was allotted the district on the basis of an estimated cost of \$100,000 for construction of a new school building and repairs and alterations to an existing building to bring it into conformity with current standards for earthquake safety.

The application for PWA funds included necessary equipment and improvements to school grounds.

Plans for the Brentwood school job were prepared by Architect Frederick H. Reimers of San Francisco.

Contractors desiring to figure the job may procure plans and specifications from the Architect's office upon deposit of \$20.00, returnable.

STEEL INSTITUTE TO MEET OCTOBER 11-14

The Sixteenth Annual Convention of the American Institute of Steel Construction, Inc., 200 Madison Avenue, New York City, will be held at the French Lick Springs Hotel, French Lick, Indiana, October 11, 12, 13 and 14, it is announced.

Engineers from all parts of the United States will convene next year at the 1939 California World's Fair on Treasure Island, with July 13 set as Engineering Day at the Exposition.

DEED FOR PLANE BASE REQUESTED

Establishment of a Coast Guard seaplane base at San Francisco Municipal Airport was virtually assured this week when Rear Admiral R. R. Waesche, commandant, requested that Edward G. Cahill, Manager of the Public Utilities Commission, prepare deeds transferring necessary airport lands to the Federal agency.

About twenty acres of land are involved in the transfer. The Government will assume half the \$275,000 cost of dredging a runway, pay for maintenance, and expend about \$300,000 on equipment and buildings, it is reported.

Shasta Memorial Hall Bids Oct. 5

Another Shasta county building project this week joined those already out for bids as the board of supervisors, meeting at Redding, authorized advertisement for proposals on the contract for construction of the \$70,000 county memorial hall.

Bids on the project will be opened October 5, the board announced.

Construction of the memorial hall, to be built in Redding, will be financed by a loan and grant in the amount of \$72,000, recently allotted by PWA.

Plans and specifications have been prepared by Architects Masten & Hurd of San Francisco.

ly five and six-tenths miles in Siskiyou county.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2101	Brown	Owner	3500
2102	Driscoll	Hjul	1250
2103	Fleischmann	Empire	1500
2104	Johnston	Tea Pee	3500
2105-6	Meyer	Owner	4000
2107	Milo	Hjul	3000
2105-9	Morris	Owner	4000
2110	Morris	Owner	5000
2111-2	Romagnolo	Owner	3000
2113	Saville	Nelson	5500
2114	Tomlinson	Linder	3000
2115	Yates	Johnson	7000
3000	Barrett	Barrett	1500
3001	Chiappella	Yrigoyen	4000
3002	Christenson	Clausen	4000
3003	Clancy	Owner	4000
3004	Davis	Delaney	4000
3007	Hutts	Owner	3000
3008	Jeffers	Owner	4000
3009	Ketterbach	Owner	1000
3010	Larson	Owner	4000
3011	Pac. G. & E.	Siegrist	1337
3012	Pinkerton	Hanson	2500
3013	Richardson	Berg	6000
3014	Standard Oil	Owner	3000
3017	Windeler	Owner	6000
3018	Hallgren	Owner	3500
3019	Hardiman	Owner	3500
3020	Sheehan	Anderson	4250
3021	Finlay	All-Amer.	1638
3022	Hunter	Lambertson	1500
3023	Madero	Owner	2500
3024	Nelson	Owner	5000
3025	O'Connor	Owner	4000
3026	Rousseau	Owner	16000
3027	Smith	Ntl. Rfg.	2200
3028	Standard Oil	Owner	3000
3029	Standard Oil	Owner	6000
3030	Barber	Owner	3900
3031	Guy	Stendell	4000
3032	Jordan	Kelly	1000
3033	Lindsay	Owner	3500
3034	Spinden	Bay Cities	4000
3035	Lindsay	Owner	3500

DWELLING

(2101) S. W. JERROLD & COLEMAN. Two-story frame dwelling.
Owner—Jas. F. Brown, 1538 20th St.
Architect—Not given. \$3500

ALTERATIONS

(2102) N. W. 16th & HARRISON ST. Alter factory (light manufacturing).
Owner—Thomas A. Driscoll, 800 Francisco.
Contractor—Jas. H. Hjul, 128 Russ Street.
Engineer—Jas. H. Hjul.
Architect—Not given. \$1250

FLATS

(2103) N. VALLEJO 85 E. Buchanan. Two-story frame flats.
Owner—E. C. & R. B. Fleischmann, San Francisco.
Contractor—Empire Construction Co., Russ Bldg.
Engineer—Mac D. Perkins, 110 Sutter St.
Architect—Farr & Ward, 68 Post Street. \$15,000

DWELLING

(2104) E. HEAD 275 N Sargent. One-story frame dwelling.
Owner—R. C. Johnston, 1211 Revere.
Contractor—Tea Pee Construction Co., 308 Scott St.
Architect—Not given. \$3500

DWELLING

(2105) S. W. TERESITA BLVD. 699 S. E. Sequoia Way. One-story frame dwelling.

Owner and Builder—Meyer Bros, 735 Portola Drive.
Architect—Not given. \$4000

DWELLING

(2106) S. W. TERESITA BLVD. & Sequoia Way. One-story frame dwelling.

Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not given. \$4000

ALTERATIONS

(2107) 759 HARRISON STREET. Alter factory.

Owner—Milo Coffee Co., prem.
Contractor—Jas. H. Hjul, 128 Russ Street.
Engineer—Jas. H. Hjul.
Architect—Not given. \$3000

DWELLING

(2108) N. ESCOLTA WAY 69 W. 31st Ave. One-story frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—Donnel E. Jaekle, 126 Jones St. \$4000

DWELLING

(2109) N. ESCOLTA WAY 101 W. 31st Ave. One-story frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—Donnel E. Jaekle, 126 Post St. \$4000

DWELLING

(2110) N. W. ESCOLTA WAY & 31st Ave. One-story frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—Donnel E. Jaekle, 126 Post St. \$5000

DWELLING

(2111) E. CHARTER OAK 350 N. Augusta. One-story frame dwelling.
Owner and Builder—D. Romagnolo, 76 Albion St.
Architect—Albert H. Larsen, 333 Kearny St. \$3000

DWELLING

(2112) E. CHARTER OAK 325 N. Augusta. One-story frame dwelling.
Owner and Builder—D. Romagnolo, 76 Albion St.
Architect—Albert H. Larsen, 333 Kearny St. \$3000

DWELLING

(2113) E. CASTENADA 695 N. Magellan. One-story frame dwelling.
Owner—Harold E. Saville, 25 Cabrillo.
Contractor—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not given. \$5500

ALTERATIONS

(2114) 650 UPLAND DRIVE. Alter dwelling.
Owner—K. C. Tomlinson, prem.
Contractor—J. F. Linder, 617 Moraga Street.
Architect—Vincent Buckley, 525 Market St. \$3000

BUILDING

(2115) W. POTRERO AVE 150 S. 17th Street. One-story class 'C' office and shop.
Owner—G. R. & E. T. Yates, c/o contractor.
Contractor—Louis Johnson, 666 Mission St.

Engineer—H. A. Emmench, 1280 Indiana St.
Architect—Not given. \$7000

ALTERATIONS

(3000) N.E. O'FARRELL & TAYLOR. Alter service station.
Owner—Larry Barrett, c/o Cont.
Contractor—Barrett & Hill, 918 Harrison St.
Architect—Not given. \$1500

DWELLING

(3001) N.W. BALOU & LANE. One-story frame dwelling.
Owner—John Chiappella, 1755 Queensland.
Contractor—Joe Yrigoyen, 31 Thornorton Ave.
Architect—Not given. \$4000

DWELLINGS

(3002) E. 46th Ave 153 N Anza St. (1) W. 46th Ave 125, 300, 325, 350, 375 S. Geary St. (5). (Six) one-story frame dwellings.
Owner and Builder—Herman Christenson, 1801 19th Ave.
Architect—C. O. Clausen, 746 46th Ave. \$3500 each

DWELLING

(3003) E. 12th Ave 150 S. Lawton. One-story frame dwelling.
Owner—J. Clancy, 2380 Washington Street.
Architect—Donnel E. Jaekle, 120 Post St. \$4000

ALTERATIONS

(3004) W. CHURCH 4 S. 28th Street. Alter apts.
Owner—Rebecca Davis, 1606 Church.
Contractor—Delaney & Wilson, 1343 22nd Ave.
Architect—Not given. \$4000

DWELLING

(3005) W. 15th AVE 227 N. Pacheco. Two-story frame dwelling.
Owner and Builder—Henry Doelger, 430 Judah St.
Architect—Not given. \$6000

DWELLING

(3006) W. 15th AVE. 177 N. Pacheco. Two-story frame dwelling.
Owner and Builder—Henry Doelger Bldr. Inc., 320 Judah St.
Architect—Not given. \$6000

DWELLING

(3007) N. LOMBARD 137 W. Kearny. One-story frame dwelling.
Owner—B. Hutts, 340 Lombard.
Architect—Not given. \$3000

DWELLING

(3008) N.E. EDNA AVE. & MARSTON. One-story frame dwelling.
Owner and Builder—Webster Jeffers, 1665 Haight St.
Architect—Not given. \$4000

ALTERATIONS

(3009) 2525 FILLMORE STREET. Alter apts.
Owner and Builder—Robert Ketterbach, 2389 Filbert St.
Architect—Not given. \$1000

DWELLING

(3010) W. 32nd AVE 175 S. Rivera. One-story frame dwelling.
Owner and Builder—George Larson, 3487 21st St.
Architect—Not given. \$4000

ALTERATIONS

(3011) 222-226 JESSIE STREET. Alter station.

Owner—Pac. Gas & Electric Co., 245 Market St.
Contractor—F. R. Siegrist.
Architect—Not given. \$1337

DWELLING
(3012) N.E. MIGUEL 136 ft. 8 in. N.W. Fairmont. One-story frame dwelling.
Owner—J. H. Pinkerton, 41-A Admiral.
Contractor—Hanson & Klint, 2312 32nd Ave.
Architect—Not given. \$2500

FLATS
(3013) E. CHURCH ST. 130 S. 21st St. Two-story frame flats.
Owner—A. Richardson, 925 Church Street.
Contractor—Berg Bros., 682 42nd Ave.
Architect—Not given. \$6000

STATION
(3014) S. E. DAY & CHURCH. One-story steel gas station.
Owner and Builder—Standard Oil Co., 225 Bush St.
Architect—Not given. \$3000

DWELLING
(3015) E. 41st AVE 53 S. Lincoln Way. One-story frame dwelling.
Owner and Builder—E. Viger, 1346 40th Ave.
Architect—Not given. \$3000

DWELLING
(3016) S.E. 41st & LINCOLN WAY. One-story frame dwelling.
Owner and Builder—E. Viger, 1346 40th Ave.
Architect—Not given. \$3000

DWELLING
(3017) N. CLIPPER 152 ft. 8 in. W. Church. One-story frame dwelling.
Owner—F. Windeler, 488 Pine St.
Architect—Not given. \$6000

DWELLING
(3018) W. 24th AVE. 250 S. Moraga. One - story and basement frame dwelling.
Owner & Builder—A. Hallgren, 1594 29th Avenue.
Architect—Not Given. \$3,500

DWELLING
(3019) W 23rd AVE. 143 N Noriega. One - story and basement frame dwelling.
Owner and Builder—M. D. Hardiman, 423 38th Ave.
Architect—Vincent Buckley, 525 Market Street. \$3,500

DWELLING
(3020) W 27th AVE. 100 S Kirkham. One - story and basement frame dwelling.
Owner—Daniel J. Sheehan, 1501 19th Avenue.
Contractor—N. W. Anderson, 2390 21st Avenue.
Architect—Not Given. \$4,250

ALTERATIONS
(3021) 983 1/2 and 999 14th STREET. Alter flats.
Owner—W. R. and A. K. Finlay, 331 Park Drive, Burlingame.
Contractor—All American Builders' Inc., 1212 Bryant St.
Architect—Not given. \$1638

ALTERATIONS
(3022) 554 MARKET ST. Alter Tavern.
Owner—Frank Hunter, premises.
Contractor—Lambertson Sales Co., 942 Mission St.
Architect—Not given. \$1500

DWELLING
(3023) S. HUDSON 175 E. Earl. Two-story frame dwelling.

Owner—Albert A. Madero, 625 Hudson Ave.
Architect—Not given. \$2500

DWELLING
(3024) W. 25th AVE 159 N. Ocean. One-story and basement frame dwelling.
Owner—Fernando Nelson and Sons, 2901 19th Ave.
Architect—Not given. \$5000

DWELLING
(3025) W. BRUSSELS 45 N. Woolsey. One-story and basement frame dwelling.
Owner—James H. O'Connor, 658 Brussels.
Architect—Not given. \$4000

DWELLING
(3026) S.E. CHESTNUT AND RICHARDSON. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$16,000

ALTERATIONS
(3027) 2076 McALLISTER STREET. Alter dwelling.
Owner—Marie Smith, premises.
Contractor. National Roofing and Siding Co., 2172 Market St.
Architect—Not given. \$2200

REST ROOM
(3028) S. E. CLAREMONT AND ULLLOA. Steel rest room.
Owner—Standard Oil Co., 225 Bush Street.
Architect—Not given. \$1000

SERVICE STATION
(3029) S. E. CLAREMONT AND ULLLOA. Steel Service Station.
Owner—Standard Oil Co., 225 Bush Street.
Architect—Not given. \$6000

DWELLING
(3030) S. W. CAYUGA and Badger. One-story and basement frame dwelling.
Owner—H. Barber, 275 College Ave.
Architect—Not given. \$3900

DWELLING
(3031) S.W. QUINTARA and Tenth Ave. One-story and basement frame dwelling.
Owner—E. L. Guy, c/o cont.
Contractor—Elvin C. Stendell, 1125 Holloway Ave.
Architect—Not given. \$4000

ALTERATIONS
(3032) 1462 19th AVE. Alter dwelling.
Owner—Mrs. Jordan, prem.
Contractor—Robert P. Kelly 1434 Jawton St.
Architect—Not given. \$1000

DWELLINGS
(3033) W. 45th Ave. 225, 250, 275 S. Cabrillo. Three 1-story and basement frame dwellings.
Owner—C. T. Lindsay, 820 Taraval.
Architect—Not given. \$3500 each

DWELLING
(3034) W. ROSELYN TERR. 190 S. Turk St. One-story and basement frame dwelling.
Owner—A. Swiden, 160 Russ St.
Contractor—Bay Cities Bldg Co., 160 Russ St.
Architect—C. O. Clausen, 746 46th Ave. \$4000

DWELLINGS
(3035) E. 25th AVE. 150, 175 S. Kirkham. Two 1-story and basement frame dwellings.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500 each

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2213	Hammarberg	Owner	4000
2214	Mawedel	Bernard	16000
2215	McMillan	Colby	1000
2216	Kirkman	De Chene	4000
2217	Trimlett	Owner	3500
2218	West End	Dahl	4000
2219	Wooldridge	Owner	2800
2220-1	Flagg	Owner	4000
2222	Ness	Owner	4000
2223	Peterson	Trizubio	2000
2224	Kappa	Armstrong	45000
2225	Patrick	Owner	4800
2226	Bell	Haskell	13450
2227	Mitchell	Leckins	4000
2228	Netherby	Netherby	5000
2229	Reder	Johanson	2500
2230	Tobey	Owner	3900
2231	Hein	Bettancourt	3300
2232	Berger	Owner	3500
2233-4	Groom	Groom	2850
2235	Hundt	Owner	2800
2236	Lim	Guarda	2600
2237	Philbrick	Waldman	4500
2238	Pressler	Owner	4500
2239	Rude	Owner	3000
2240	Smith	Owner	3675
2241	Young	Frunetti	1500
2242	Beeson	Brown	7500
2243	Beeson	Broodhead	3000
2244	Bordi	School	5700
2245	Gilmore	Owner	4000
2246	Hoon	Cardi	3500
2247	Nelson	Owner	5600
2248	Bartz	Franzen	4000
2249	Beckett	Owner	1500
2250	Bernard	Owner	2500
2251	Bissel	Hayward	3300
2252	Carter	Gabriel	3750
2253	Fire Hebrew	Paganini	50795
2254	Jette	Andersen	20000
2255	Johnson	Euritt	1200
2256	Mayhew	Owner	7000
2257	Price	Frazen	4000
2258	Youngstrom	Owner	1500
2259	Davies	MacGregor	2200
2260	Griffith	Ives	3200
2261	Hanson	Hanson	3000
2262	Lahli	Owner	4000
2263	McCharles	Booth	1500
2264	Bk. Amer.	Capital	12000
2265	Collins	Pereira	3500
2266	Fleming	Owner	5500
2267	Glendening	Barr	1000
2268	Morehouse	Risdon	6500
2269	Mounds	Strang	3700
2270	Poletto	Ungaretti	8400
2271	Pruner	Owner	3500
2272	Sandstrom	Rose	1200
2273	Schaurer	Albin	3200

DWELLING
(2213) 780 KEELER, BERKELEY. One-story 5-room frame dwelling and garage.
Owner and Builder, A. Hammarberg, 314 Ramona.
Architect—Not given. \$4000

RESIDENCE
(2214) 80 SELBOURNE DRIVE, PIEDMONT. Two-story, 8-room residence.
Owner—Mr. and Mrs. F. Marwedel, 400 Perkins St., Oakland.
Contractor—W. Vernon Bernard, 227 San Carlos Ave., Piedmont.
Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland. \$16,000

ALTERATIONS
(2215) 1943 VINE, BERKELEY. Alterations.
Owner—F. McMillan, 1609 Bonita.
Contractor—J. E. Colby, 229 Carlton.
Architect—Not given. \$1000

DWELLING
(2216) 6175 ASPINWALL ROAD, OAKLAND. One-story 5-room dwelling.
Owner—J. A. Kirkman, Jr., 67 Duncan Way.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2101	Brown	Owner	3500
2102	Driscoll	Hjul	1250
2103	Fleischmann	Empire	15000
2104	Johnston	Tea Pee	3500
2105-6	Meyer	Owner	4000
2107	Milo	Hjul	3000
2108-9	Morris	Owner	4000
2110	Morris	Owner	5000
2111-2	Romagnolo	Owner	3000
2113	Saville	Nelson	5500
2114	Tomlinson	Linder	3000
2115	Yates	Johnson	7000
3000	Barrett	Barrett	1500
3001	Chiapella	Yrigoyen	4000
3002	Christensen	Clausen	3500
3003	Clancy	Owner	4000
3004	Davis	Delaney	4000
3007	Hutts	Owner	3000
3008	Jeffers	Owner	4000
3009	Ketterbach	Owner	1000
3010	Larson	Owner	4000
3011	Pac. G. & E.	Slegrist	1337
3012	Pinkerton	Hanson	2500
3013	Richardson	Berg	6000
3014	Standard Oil	Owner	3000
3017	Windeler	Owner	6000
3018	Hallgren	Owner	3500
3019	Hardiman	Owner	3500
3020	Sheehan	Anderson	4250
3021	Finlay	All-Amer.	1638
3022	Hunter	Lambertson	1500
3023	Madero	Owner	2500
3024	Nelson	Owner	5000
3025	O'Connor	Owner	4000
3026	Rousseau	Owner	16000
3027	Smith	Ntl. Rfg.	2200
3028	Standard Oil	Owner	1000
3029	Standard Oil	Owner	6000
3030	Barber	Owner	3900
3031	Guy	Stendell	4000
3032	Jordan	Kelly	1000
3033	Lindsay	Owner	3500
3034	Spinden	Bay Cities	4000
3035	Lindsay	Owner	3500

DWELLING
(2101) S. W. JERROLD & COLEMAN. Two-story frame dwelling.
Owner—Jas. F. Brown, 1538 20th St.
Architect—Not given. \$3500

ALTERATIONS
(2102) N. W. 16th & HARRISON ST. Alter factory (light manufacturing).
Owner—Thomas A. Driscoll, 800 Francisco.
Contractor—Jas. H. Hjul, 128 Russ Street.
Engineer—Jas. H. Hjul.
Architect—Not given. \$1250

FLATS
(2103) N. VALLEJO 85 E. Buchanan. Two-story frame flats.
Owner—E. C. & R. B. Fleischmann, San Francisco.
Contractor—Empire Construction Co., Russ Bldg.
Engineer—Mac D. Perkins, 110 Sutter St.
Architect—Farr & Ward, 68 Post Street. \$15,000

DWELLING
(2104) E. HEAD 275 N Sargent. One-story frame dwelling.
Owner—R. C. Johnston, 1211 Revere.
Contractor—Tea Pee Construction Co., 303 Scott St.
Architect—Not given. \$3500

DWELLING
(2105) S. W. TERESITA BLVD. 699 S. E. Sequoia Way. One-story frame dwelling.

Owner and Builder—Meyer Bros, 735 Portola Drive.
Architect—Not given. \$4000

DWELLING
(2106) S. W. TERESITA BLVD. & Sequoia Way. One-story frame dwelling.

Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not given. \$4000

ALTERATIONS
(2107) 759 HARRISON STREET. Alter factory.
Owner—Milo Coffee Co., prem.
Contractor—Jas. H. Hjul, 128 Russ Street.
Engineer—Jas. H. Hjul.
Architect—Not given. \$3000

DWELLING
(2108) N. ESCOLTA WAY 69 W. 31st Ave. One-story frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—Donnel E. Jaekle, 126 Jones St. \$4000

DWELLING
(2109) N. ESCOLTA WAY 101 W. 31st Ave. One-story frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—Donnel E. Jaekle, 126 Post St. \$4000

DWELLING
(2110) N. W. ESCOLTA WAY & 31st Ave. One-story frame dwelling.
Owner and Builder—G. W. Morris, 95 Pinehurst Way.
Architect—Donnell E. Jaekle, 126 Post St. \$5000

DWELLING
(2111) E. CHARTER OAK 350 N. Augusta. One-story frame dwelling.
Owner and Builder—D. Romagnolo, 76 Albion St.
Architect—Albert H. Larsen, 333 Kearny St. \$3000

DWELLING
(2112) E. CHARTER OAK 325 N. Augusta. One-story frame dwelling.
Owner and Builder—D. Romagnolo, 76 Albion St.
Architect—Albert H. Larson, 333 Kearny St. \$3000

DWELLING
(2113) E. CASTENADA 695 N. Magellan. One-story frame dwelling.
Owner—Harold E. Saville, 25 Cabrillo.
Contractor—Fernando Nelson & Sons, 2901 19th Ave.
Architect—Not given. \$5500

ALTERATIONS
(2114) 650 UPLAND DRIVE. Alter dwelling.
Owner—K. C. Tomlinson, prem.
Contractor—J. F. Linder, 617 Moraga Street.
Architect—Vincent Buckley, 525 Market St. \$3000

BUILDING
(2115) W. POTRERO AVE 150 S. 17th Street. One-story class 'C' office and shop.
Owner—G. R. & E. T. Yates, c/o contractor.
Contractor—Louis Johnson, 666 Mission St.

Engineer—H. A. Emmench, 1280 Indiana St.
Architect—Not given. \$7000

ALTERATIONS
(3000) N.E. O'FARRELL & TAYLOR. Alter service station.
Owner—Larry Barrett, c/o Cont. Contractor—Barrett & Hlp, 913 Harrison St.
Architect—Not given. \$1500

DWELLING
(3001) N.W. BALOU & LANE. One-story frame dwelling.
Owner—John Chiapella, 1755 Quesada.
Contractor—Joe Yrigoyen, 31 Thornton Ave.
Architect—Not given. \$4000

DWELLINGS
(3002) E. 46th Ave 153 N Anza St. (3003) W. 45th Ave 125, 300, 325, 350, 375 S. Geary St. (5). (Six) one-story frame dwellings.
Owner and Builder—Herman Christensen, 1801 19th Ave.
Architect—C. O. Clausen, 746 46th Ave. \$3500 each

DWELLING
(3003) E. 12th AVE 150 S. Lawton. One-story frame dwelling.
Owner—J. Clancy, 2380 Washington Street.
Architect—Donnell E. Jaekle, 120 Post St. \$4000

ALTERATIONS
(3004) W. CHURCH 4 S. 28th Street. Alter apts.
Owner—Rebecca Davis, 1606 Church.
Contractor—Delaney & Wilson, 1343 22nd Ave.
Architect—Not given. \$4000

DWELLING
(3005) W. 15th AVE 227 N. Pacheco. Two-story frame dwelling.
Owner and Builder—Henry Doelger, 430 Judah St.
Architect—Not given. \$6000

DWELLING
(3006) W. 15th AVE. 177 N. Pacheco. Two-story frame dwelling.
Owner and Builder—Henry Doelger Bldg. Inc., 320 Judah St.
Architect—Not given. \$6000

DWELLING
(3007) N. LOMBARD 137 W. Kearny. One-story frame dwelling.
Owner—B. Hutts, 340 Lombard.
Architect—Not given. \$3000

DWELLING
(3008) N.E. EDNA AVE. & MARSTON. One-story frame dwelling.
Owner and Builder—Webster Jeffers, 1665 Haight St.
Architect—Not given. \$4000

ALTERATIONS
(3009) 2525 FILLMORE STREET. Alter apts.
Owner and Builder—Robert Ketterbach, 2389 Filbert St.
Architect—Not given. \$1000

DWELLING
(3010) W. 32nd AVE 175 S. Rivera. One-story frame dwelling.
Owner and Builder—George Larson, 3487 21st St.
Architect—Not given. \$4000

ALTERATIONS
(3011) 222-226 JESSIE STREET. Alter station.

Owner—Pac. Gas & Electric Co., 245 Market St.
 Contractor—F. R. Siegrist.
 Architect—Not given. \$1337

DWELLING (3012) N.E. MIGUEL 136 ft. 8 in. N.W. Fairmont. One-story frame dwelling.
 Owner—J. H. Pinkerton, 41-A Admiral.
 Contractor—Hanson & Klint, 2312 32nd Ave.
 Architect—Not given. \$2500

FLATS (3013) E. CHURCH ST. 130 S. 21st St. Two-story frame flats.
 Owner—A. Richardson, 925 Church Street.
 Contractor—Berg Bros., 682 42nd Ave.
 Architect—Not given. \$6000

STATION (3014) S. E. DAY & CHURCH. One-story steel gas station.
 Owner and Builder—Standard Oil Co., 225 Bush St.
 Architect—Not given. \$3000

DWELLING (3015) E. 41st AVE 53 S. Lincoln Way. One-story frame dwelling.
 Owner and Builder—E. Viger, 1346 40th Ave.
 Architect—Not given. \$3000

DWELLING (3016) S.E. 41st & LINCOLN WAY. One-story frame dwelling.
 Owner and Builder—E. Viger, 1346 40th Ave.
 Architect—Not given. \$3000

DWELLING (3017) N. CLIPPER 152 ft. 8 in. W. Church. One-story frame dwelling.
 Owner—F. Windeler, 488 Pine St.
 Architect—Not given. \$6000

DWELLING (3018) W 24th AVE. 250 S Moraga. One - story and basement frame dwelling.
 Owner & Builder—A. Hallgren, 1594 29th Avenue.
 Architect—Not Given. \$3,500

DWELLING (3019) W 23rd AVE. 143 N Noriega. One - story and basement frame dwelling.
 Owner and Builder—M. D. Hardiman, 423 38th Ave.
 Architect—Vincent Buckley, 525 Market Street. \$3,500

DWELLING (3020) W 27th AVE. 100 S Kirkham. One - story and basement frame dwelling.
 Owner—Daniel J. Sheehan, 1501 19th Avenue.
 Contractor—N. W. Anderson, 2390 21st Avenue.
 Architect—Not Given. \$4,250

ALTERATIONS (3021) 983 1/2 and 999 14th STREET. Alter flats.
 Owner—W. R. and A. K. Finlay, 331 Park Drive, Burlingame.
 Contractor—All American Builders' Inc., 1212 Bryant St.
 Architect—Not given. \$1638

ALTERATIONS (3022) 554 MARKET ST. Alter Tavern.
 Owner—Frank Hunter, premises.
 Contractor—Lambertson Sales Co., 942 Mission St.
 Architect—Not given. \$1500

DWELLING (3023) S. HUDSON 175 E. Earl. Two-story frame dwelling.

Owner—Albert A. Madero, 625 Hudson Ave.
 Architect—Not given. \$2500

DWELLING (3024) W. 25th AVE 159 N. Ocean. One-story and basement frame dwelling.
 Owner—Fernando Nelson and Sons, 2901 19th Ave.
 Architect—Not given. \$5000

DWELLING (3025) W. BRUSSELS 45 N. Woolsey. One-story and basement frame dwelling.
 Owner—James H. O'Connor, 658 Brussels.
 Architect—Not given. \$4000

DWELLING (3026) S E. CHESTNUT AND RICHARDSON. Two-story and basement frame dwelling.
 Owner—Oliver M. Rousseau, 321 Kearny St.
 Architect—Not given. \$16,000

ALTERATIONS (3027) 2076 McALLISTER STREET. Alter dwelling.
 Owner—Marie Smith, premises.
 Contractor. National Roofing and Siding Co., 2172 Market St.
 Architect—Not given. \$2200

BEST ROOM (3028) S. E. CLAREMONT AND ULLLOA. Steel rest room.
 Owner—Standard Oil Co., 225 Bush Street.
 Architect—Not given. \$1000

SERVICE STATION (3029) S. E. CLAREMONT AND ULLLOA. Steel Service Station.
 Owner—Standard Oil Co., 225 Bush Street.
 Architect—Not given. \$6000

DWELLING (3030) S. W. CAYUGA and Badger. One-story and basement frame dwelling.
 Owner—H. Barber, 275 College Ave.
 Architect—Not given. \$3900

DWELLING (3031) S.W. QUINTARA and Tenth Ave. One-story and basement frame dwelling.
 Owner—E. L. Guy, c/o cont.
 Contractor—Elvin C. Stendell, 1125 Holloway Ave.
 Architect—Not given. \$4000

ALTERATIONS (3032) 1462 19th AVE. Alter dwelling.
 Owner—Mrs. Jordan, prem.
 Contractor—Robert P. Kelly 1434 Jawton St.
 Architect—Not given. \$1000

DWELLINGS (3033) W. 45th Ave. 225, 250, 275 S. Cabrillo. Three 1-story and basement frame dwellings.
 Owner—C. T. Lindsay, 820 Taraval.
 Architect—Not given. \$3500 each

DWELLING (3034) W. ROSELYN TERR. 190 S. Turk St. One-story and basement frame dwelling.
 Owner—A. Swiden, 160 Russ St.
 Contractor—Bay Cities Bldg Co., 160 Russ St.
 Architect—C. O. Clausen, 746 46th Ave. \$4000

DWELLINGS (3035) E. 25th AVE. 150, 175 S. Kirkham. Two 1-story and basement frame dwellings.
 Owner—C. T. Lindsay, 820 Taraval Street.
 Architect—Not given. \$3500 each

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2213	Hammarberg	Owner	4000
2214	Marwedel	Bernard	18000
2215	McMillan	Colby	1000
2216	Kirkman	De Chene	4000
2217	Trimitte	Owner	3500
2218	West End	Dahl	4000
2219	Woodbridge	Owner	2800
2220-1	Flagg	Owner	4000
2222	Ness	Owner	4000
2223	Peterson	Trubizoo	2000
2224	Kappa	Armstrong	45000
2225	Patrick	Owner	4800
2226	Bell	Haskell	13450
2227	Mitchell	Leekins	4000
2228	Netherby	Netherby	5000
2229	Reder	Johanson	2500
2230	Tobey	Owner	3900
2231	Hein	Bettancourt	3300
2232	Berger	Owner	3500
2233-4	Groom	Groom	2850
2235	Hundt	Owner	2800
2236	Lim	Guarda	2600
2237	Philbrick	Waldman	4500
2238	Pressler	Owner	4500
2239	Rude	Owner	3000
2240	Smith	Owner	3675
2241	Young	Frunetti	1500
2242	Beeson	Brewster	7500
2243	Beeson	Broodhead	3000
2244	Bordi	School	5700
2245	Gilmore	Owner	4000
2246	Hoon	Cardi	3500
2247	Nelson	Owner	5600
2248	Bartz	Franzen	4000
2249	Beckett	Owner	1500
2250	Bernard	Owner	3500
2251	Bissel	Hayward	3300
2252	Carter	Gabriel	3750
2253	Flre Hebrew	Paganini	50795
2254	Jelte	Andersen	20000
2255	Johnson	Burrill	1200
2256	Mayhew	Owner	7000
2257	Price	Frazen	4000
2258	Youngstrom	Owner	1500
2259	Davies	MacGregor	2200
2260	Griffith	Ives	3200
2261	Hanson	Hanson	3000
2262	Lahti	Owner	4000
2263	McCharles	Booth	1500
2264	Bk. Amer.	Capital	12000
2265	Collins	Pereira	3500
2266	Fleming	Owner	5500
2267	Glendening	Barr	1000
2268	Morehouse	Risdon	6500
2269	Mounds	Strang	3700
2270	Poletto	Ungaretti	8400
2271	Pruner	Owner	3500
2272	Sandstrom	Rose	1200
2273	Schaurer	Albin	3200

DWELLING (2213) 780 KEELER, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner and Builder, A. Hammarberg, 314 Ramona.
 Architect—Not given. \$4000

RESIDENCE (2214) 80 SELBOURNE DRIVE, PIEDMONT. Two-story, 8-room residence.
 Owner—Mr. and Mrs. F. Marwedel, 400 Perkins St., Oakland.
 Contractor—W. Vernon Bernard, 227 San Carlos Ave., Piedmont.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland. \$16,000

ALTERATIONS (2215) 1943 VINE, BERKELEY. Alterations.
 Owner—F. McMillan, 1609 Bonita.
 Contractor—J. E. Colby, 229 Carlton.
 Architect—Not given. \$1000

DWELLING (2216) 6175 ASPINWALL ROAD, OAKLAND. One-story 5-room dwelling.
 Owner—J. A. Kirkman, Jr., 67 Duncan Way.

Contractor—E. K. De Chene, 361 17th Street.		Owner—M. Mitchell, 6054 La Salle Ave.		DWELLING	
Architect—Not given.	\$4000	Contractor—C. W. Lelkins, 6054 La Salle Ave.	\$4000	(2239) 10421 VOLTAIRE AVENUE, OAKLAND. One-story, 4-room dwelling.	
DWELLING		Architect—Not given.		Owner and Builder—J. Rude, 4112 Redding St.	
(2217) 4429 SAN CARLOS AVENUE, OAKLAND. One-story, 5-room dwelling.		DWELLING		One-story garage, \$200.	
Owner and Builder—Leonard Trimlett, 761 53rd St.		(2228) 1957 GASPAR DRIVE, OAKLAND. One-story, 5-room mdwelling.		Architect—Not given.	\$3000
One-story garage, \$250.		Owner—E. M. Netherby, 3853 Lyman Road.		DWELLING	
Architect—Not given.	\$3500	Contractor—W. A. Netherby, 3853 Lyman Road.	\$5000	(2240) 7050 BROADWAY TERR., OAKLAND. One-story, 5-room dwelling.	
DWELLING		Architect—Not given.		Owner and Builder—E. R. Smith, 1644 Clay St., S. F.	
(2218) 1921 107th AVENUE, OAKLAND. One-story 6-room dwelling.		WAREHOUSE		One-story garage, \$100.	
Owner—West End Bldg. Assoc., Alameda.		(2229) 5214 EAST 12th STREET, OAKLAND. One-story warehouse.		Architect—Not given.	\$3675
Contractor—Ed. W. Dahl, 2906 56th Ave.		Owner—D. L. Reder.		ADDITION	
Architect—Not given.	\$4000	Contractor—K. A. Johanson, 2057 High St.	\$2500	(2241) 9234 WALNUT ST., OAKLAND. Addition.	
DWELLING		Architect—Not given.		Owner—J. Young, 9234 Walnut St.	
(2219) 1544 HAVENSCOURT BLVD., OAKLAND. One-story 5-room dwelling.		DWELLING		Architect—Not given.	\$1500
Owner and Builder—Chas. W. Wooldridge, 1616 35th Ave.		(2230) 12 CONRAD COURT, OAKLAND. One-story, 5-room dwelling.		Contractor—S. J. Prunetti, 9239 Walnut St.	
One-story garage, \$200.		Owner and Builder—Wallace C. Tobey, 1743 37th Ave.	\$3900	DWELLING	
Architect—Not given.	\$2800	Architect—Not given.		(2242) 2116 STUART, BERKELEY. One-story, 10-room family dwelling.	
DWELLING		DWELLING		Owner—Reva G. Beeson, 840 55th St., Oakland.	
(2220) S. HARBORD DRIVE, PARCEL B, OAKLAND. One-story 5-room dwelling.		(2231) 2233 PARKER, BERKELEY. One-story, 5-room frame dwelling.		Contractor—F. Broodhead, 1232 Glenn Ave.	
Owner and Builder—John S. Flagg, 3450 Morcom Ave.		Owner—H. Hein, 2027 Haste.		Architect—Not given.	\$7500
Architect—Not given.	\$4000	Contractor—G. J. Bettencourt, 1211 Evelyn Ave.	\$3300	DWELLING	
DWELLING		Architect—Not given.		(2243) 2114 STUART, BERKELEY. One-story, 3-room frame dwelling and garage.	
(2221) S. HARBORD DRIVE, PARCEL A, OAKLAND. One-story 5-room dwelling.		DWELLING		Owner—Reva G. Beeson, 840 55th St., Oakland.	
Owner and Builder—John S. Flagg, 3450 Morcom Ave.		(2232) 4522 CONGRESS AVENUE, BERKELEY. One-story, 5-room dwelling.		Contractor—F. Broodhead, 1232 Glenn Ave.	
Architect—Not given.	\$4000	Owner and Builder—A. Berger, 4521 Congress Ave.	\$3500	Architect—Not given.	\$3000
DWELLING		Architect—Not given.		DUPLEX	
(2222) 2928 SHEFFIELD AVENUE, OAKLAND. One-story 5-room dwelling.		DWELLING		(2244) 2116 EMERSON, BERKELEY. One-story, 8-room frame duplex and garage.	
Owner and Builder—Peter Ness, 3126 California St.		(2233) 2130 64th AVE., BERKELEY. One-story, 5-room dwelling.		Owner—S. A. Bordi, 287 Mather St., Oakland.	
Architect—Not given.	\$4000	Owner—A. F. Groom, 1517 77th Ave.		Contractor—R. K. Schoord.	
ALTERATIONS		Contractor—Groom & Groom, 5405 Brookdale Ave.	\$2850	Architect—E. H. Denke, 1317 Hyde Street.	\$5700
(2223) 243 ORANGE ST., OAKLAND. Alter for apt.		Architect—Not given.		SERVICE STATION	
Owner—Mrs. Dora Peterson, 243 Orange St.		DWELLING		(2245) 2000 KITTRIDGE, BERKELEY. One-story, 1-room service station.	
Contractor—Nick Tribuzio, 7518 Weld St.		(2234) 2136 64th AVE., BERKELEY. One-story 5-room dwelling.		Owner and Builder—Gilmore Oil Co., 2nd and Gilman Sts., Berkeley.	
Architect—Not given.	\$2000	Owner—A. F. Groom, 1517 77th Ave.		Architect—H. T. Gettings Co., San Francisco.	\$4000
SORORITY HOUSE		Contractor—Groom & Groom, 5405 Brookdale.	\$2850	LAUNDRY	
(2224) 2723 DURANT, BERKELEY. Three-story sorority house.		Architect—Not given.		(2246) 3900 SACRAMENTO STREET, BERKELEY. One-story, 1-room laundry.	
Owner—Kappa Alpha Theta, 2723 Durant.		FACTORY		Owner—Dare Hoan.	
Contractor—J. R. Armstrong, 634 E. 10th St., Oakland.		(2235) 881 MOORPARK STREET, OAKLAND. One-story factory.		Contractor—A. J. Cardi, 972 Alleen St., Oakland.	
Architect—Gardner A. Dailey, 210 Post St., S. F.	\$45,000	Owner and builder—Jones & Hundt, 881 Moorpark St.	2800	Architect—Not given.	\$3500
DWELLING		Architect—Not given.		DWELLING	
(2225) 725 GRIZZLY PEAK, BERKELEY. One-story, 5-room frame dwelling and garage.		SERVICE STATION		(2247) 525 CRAMONT, BERKELEY. Two-story, 6-room frame dwelling and garage.	
Owner and Builder—Richard Patrick, 2714 A. Alcatraz Ave.		(2236) 250 8th STREET, OAKLAND. One-story steel service station.		Owner and Builder—Geo. F. Nelson, Jr., 2207 Ashby Ave.	
Architect—Not given.	\$4900	Owner—Fred & Ed. Lim, 8th and Alice Sts.		Architect—C. S. Johnson, 122 Olive Ave., Piedmont.	\$5600
DWELLING		Contractor—S. De Guarda, 2175 38th Ave.	\$2600	DWELLING	
(2226) 160 STONEWALL ROAD, OAKLAND. Two-story 7-room dwelling.		Alter \$400.		(2248) 904 CURRAN AVE., OAKLAND. One-story, 5-room dwelling.	
Owner—Mrs. Rose E. Bell, Claremont Hotel.		Architect—Not given.		Owner—E. S. Bartz, 3044 Curran Ave.	
Contractor—Albert A. Haskell, 255 Ridgeway Ave.		PLANT		Contractor—Carl H. Franzen, 883 54th St.	
Architect—S. L. Jary, 1370 Euclid Ave., Berkeley.	\$13,450	(2237) 816 23rd AVE., OAKLAND. One-story bottling plant.		Architect—Not given.	\$4000
DWELLING		Owner—A. L. Philbrick, 1405 East 38th St.		BUILDING	
(2227) 27 OVAL ROAD, OAKLAND. One-story, 5-room mdwelling.		Contractor—A. E. Waldman, 5409 Pothill Blvd.	\$4500	(2249) 1451-57 FRUITVALE AVE., OAKLAND. One-story store bldg.	
DWELLING		Architect—Not given.		Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.	
(2227) 27 OVAL ROAD, OAKLAND. One-story, 5-room mdwelling.		DWELLING		Architect—Not given.	\$7500
		(2238) 3114 HYDE ST., OAKLAND. One-story, 5-room dwelling.			
		Owner and Builder, Walter Pressler, 1419 Excelsior Ave.	\$4500		
		Architect—Not given.			

DWELLING
(2250) 4908 COCHRAN AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—R. B. Bernard, 725 Warfield Ave.
Architect—R. Hutchison, 3433 Andover St. \$3500

DWELLING
(2251) 1688 86th AVE., OAKLAND. One-story, 5-room dwelling.
Owner—Elmer Bissell, 1648 86th Ave.
Contractor—C. D. Hayward, 2990 Barrett St.
Architect—Not given. \$3300

DWELLING
(2252) 3951 HUNTINGTON, OAKLAND. One-story, 5-room dwelling.
Owner—E. E. Carter & Charlotte A. Carter, 2216 62nd Ave.
Contractor—Walter N. Gabriel, 1447 Franklin St.
Architect—Not given. \$3750

MAUSOLEUM
(2253) NORTH END PIEDMONT AVE., OAKLAND. One-story concrete mausoleum.
Owner—First Hebrew Congregation, Broadway Bldg.
Contractor—David Paganini, 617 Montgomery St., S. F.
Architect—H. A. Minton, 625 Market St., S. F. \$50,795

DWELLING
(2254) 36 BOWLING DRIVE, OAKLAND. Two-story 10-room dwelling.
Owner—S. A. Jette, 751 Trestle Glen.
Contractor—H. C. Andersen & Son, 690 Mont Clair Ave.
Architects—Williams & Wastell, 374 17th St. \$20,000

ALTERATIONS
(2255) 1041 ASHMONTE AVE., OAKLAND. Alter.
Owner—Mrs. Brady Johnson, 1041 Ashmont Ave.
Contractor—O. L. Burritt, 427 63rd St.
Architect—Not given. \$12,000

DWELLING
(2256) 5958 HARBORD DR., OAKLAND. One-story 5-room dwelling.
Owner and Builder—E. G. Mayhew, 521 Prince St.
Architect—C. W. Mayhew, 6026 Aca-cia Ave. \$7000

DWELLING
(2257) 3050 CURRAN AVE., OAKLAND. One-story 5-room dwelling.
Owner—Leland Price, 3050 Curran Ave.
Contractor—Carl H. Franzen, 883 54th St.
Architect—Not given. \$4000

DWELLING
(2258) 9029 FOOTHILL BLVD., OAKLAND. One-story 2-room dwelling.
Owner and Builder—Carl Youngstrom, 2400 89th Ave.
Architect—Not given. \$1500

DWELLING
(2259) 536 TALBOT, ALBANY. One-story, 4-room frame dwelling.
Owner—Ethel M. Davies, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2200

DWELLING
(2260) 1299 ROSE, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—Gladys Griffith, 671 52nd St., Oakland.

Contractor—M. D. Ives, 1314 Rose Street.
Architect—Not given. \$3200

DWELLING
(2261) 2206 BONAR, BERKELEY. One-story, 4-room frame dwelling and garage.
Owner—H. B. Hanson, 834 Willow Ave., Hayward.
Contractor—A. F. Hanson, Hayward.
Architect—Not given. \$3000

DWELLING
(2262) 1058 NEILSON, ALBANY. One-story, 5-room frame dwelling.
Owner and Builder—P. Lahti, 1806 Curtis St.
Architect—Not given. \$4000

REPAIR
(2263) 2560 HILGARD, BERKELEY. Repair fire damage.
Owner—Mrs. McCharles, 2560 Hil-gard.
Contractor—B. S. Booth, 375 Euclid Ave., Oakland.
Architect—Not given. \$1500

ADDITION
(2264) 2607 SEMINARY AVENUE, OAKLAND. One-story concrete addition.
Owner—Bank of America N. T. & S. A., 1 Powell St., S. F.
Contractor—Capital Co., 625 Market St., S. F.
Architect—Not given. \$12,000

DWELLING
(2265) 5477 HOLLAND ST., OAKLAND. One-story, 5-room dwelling.
Owner—J. I. Collins, 1439 55th Ave.
Contractor—O. V. Pereira, 3301 Colum-bian Drive.
One-story garage, \$250.
Architect—Not given. \$3500

DWELLING
(2266) 6601 LIGGETT DRIVE, OAKLAND. One-story, 6-room dwelling.
Owner and Builder—John Fleming, 2248 Coloma St.
Architect—Not given. \$5500

ALTERATIONS
(2267) 795 40th STREET, OAKLAND. Alter.
Owner—James Glendenning, 795 40th Street.
Contractor—R. J. Barr, 874 41st St.
Architect—Not given. \$1000

STORE
(2268) 6112 I.A. SALLE AVENUE, OAKLAND. One-story store.
Owner—C. H. Morehouse.
Contractor—Risdon & Sons, 5977 Ma-riestle Ave.
Architect—Not given. \$6500

DWELLING
(2269) 3200 38th AVE., OAKLAND. One-story, 5-room dwelling.
Owner—Mrs. C. E. Mounts.
Contractor—Laurence Strang, 429 Waight Ave., Alameda.
Architect—Not given. \$3700

DWELLING
(2270) 1901 OAKCREST DRIVE, OAKLAND. Two-story, 8-room dwelling.
Owner—J. C. Poletto, 3642 Nevil St.
Contractor—Chas. Ungaretti & Son, 1727 Poothill Blvd.
Architect—Not given. \$8400

DUPLEX
(2271) 2171-75 108th AVE., OAKLAND. One-story, 6-room duplex.
Owner and Builder—Wm. Pruner, 21104 E. 14th St., Hayward.
Architect—Not given. \$3500

REPAIRS
(2272) 5147 CAMDEN ST., OAKLAND. Fire repairs.
Owner—R. Sandstrom, 5147 Camden Street.
Contractor—W. A. Rose, 478 25th St.
Architect—Not given. \$1200

BUILDING CONTRACTS SAN FRANCISCO COUNTY

359 Pac. Tel. & Tel. Surety 1735
361 Steinmann Kronquist 5750
362 Refreshment Slegrist 6927
363 P. G. & E. Michel 495

PAINTING
(359) 1545 19th AVENUE. Exterior painting and waterproofing work.
Owner—The Pac. Tel. & Tel. Co., 444 Bush St.
Contractor—Surety Waterproofing Co. 240 Montgomery St.
Filed Sept. 8, '38. Dated Aug. 24, '38.
Completion 25%
Usual 40 days 75%
TOTAL, \$1,735.05
Bond, \$1,735.05. Sureties, Pacific In-demnity Co.
Specifications filed.

DWELLING
(361) N. E. RICHARDSON AVE., 111 N. Francisco. One and one-half story frame dwelling.
Owner—Claire Steinmann.
Architect—Sidney A. Colton, 18 Rico Way.
Contractor—Alfred J. Kronquist, 919 Fell St.
Filed Sept. 12, '38. Dated Sept. 6, '38.
Floor joints in \$1437.50
Brown coat \$1437.50
Completion \$1437.50
Usual 35 days \$1437.50
TOTAL, \$5,750
Limit 75 days. Plans filed.

EXHIBIT BLDG.
(362) YERBA BUENA SHOALS. Ex-hibit building.
Owner—Refreshment, Inc.
Architect—Edw. T. Foulkes.
Contractor—F. R. Slegrist, 604 Mis-sion St.
Filed Sept. 13, '38. Dated Sept. 3, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$6,927
Bond, \$6,927. Sureties, American Surety Co. of N. Y. Limit 30 days.
Plans and specifications filed.

SUB-STATION
(363) STERLING SUB-STATION. Sub-station steel work.
Owner—P. G. & E. Co., 445 Sutter St.
Contractor—Michel & Pfeffer, 1415 Harrison St.
Filed Sept. 14, '38. Dated Sept. 6, '38.
15 days after acceptance 85%
Usual 35 days 15%
TOTAL, \$498
Bond, \$498. Sureties, American Bonding Co. of Baltimore. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner Contractor Amt.
360 P. G. & E. Pac. Bridge \$—

GAS PIPE LINE
(360) GAS PIPE LINE FROM KEY MOLE TO TREASURE ISLAND.
Owner—P. G. & E., 245 Market St.
Contractor—Pac. Bridge Co., 333 Kearny St.
Filed Sept. 10, '38. Dated Aug. 29, '38.
Tenth day each month, labor and mat. 85%
Usual 35 days 15%
TOTAL, not given
Bond, \$1,192.00. Sureties, Fidelity & Deposit Co. of Maryland. Limit 45 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

CONTRACT AWARDED

PHOENIX, Ariz.—Wm. Peper, P. O. Box 1564, Phoenix, awarded contract for construction of a 2-story, 22-unit apartment house at the corner of Encanto Blvd. and Central Ave., Phoenix, for the Encanto Apartments Corp.; Robert Jamieson, manager. Cost \$110,000. Orville A. Bell, architect, Heard Bldg., Phoenix. 1

Sub Bids Wanted APARTMENTS

SAN FRANCISCO. 1414-1422 Post Street.

Frame and stucco apartment house containing 58 rooms.

Owner—Withheld.

Architect—F. W. Dakin, 625 Market St., S. F.

Contractor — Fred K. Dupuy, 110 Sutter St., S. F.

The contractor is now taking sub bids on all portions of the work.

3—CHURCHES

Sub-Contract AwarDED CHURCH

Approx. cost, \$60,000
SAN FRANCISCO. 22nd Ave and Lawton St.

Three-story steel and frame church and Sunday School (L-shaped bldg.), gas fired warm air heating system, tile and composition roof, carpets and linoleum on pine floors.

Owner—Church of Jesus Christ of Latter-Day Saints (Stephen Winter, Pres.)

Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Manager of Construction — Claude Lindsay, 802 Taraval St., S. F.

Structural Steel—Golden Gate Iron Works, 1541 Howard St., S. F.

5—FLATS

Contract AwarDED

FLATS Cost, \$15,000
SAN FRANCISCO, N. Vallejo, 85' E. Buchanan Street.

Two-story frame flats.

Owner—E. C. & R. B. Fleischmann.

Architect—Farr and Farr, 68 Post St.
Engineer—Mac D. Perkins, 110 Sutter Street.

Contractor—Empire Construction Co., Russ Building.

6—GARAGES & SERVICE STATIONS

Funds Asked COUNTRY BLDG.

Cost, \$110,000
OAKLAND, Alameda Co., Calif. S. 13th St. St. Jackson and Madison Streets.

Steel and reinforced concrete country garage and justice courts bldg.

Owner—County of Alameda.

Architects—Henry A. Minton, Underwood Bldg., San Francisco, and Carl Werner, 1303 Bay St., Alameda.

Engineer—L. H. Nishklian, 525 Market St., San Francisco.

Above project is part of \$1,004,000 program for which Alameda County Supervisors ask 45% PWA grant.

7—FEDERAL BUILDINGS

BIDS WANTED

MARYSVILLE, Yuba Co., Calif.—Until Sept. 30, 10 A. M. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for lowering subsoil drains, exterior painting and miscellaneous repairs at the U. S. P. O., at Marysville.

Specifications obtainable from the above office and from the custodian of the building at Marysville.

BIDS WANTED

SAN FRANCISCO—Until Sept. 30, 10 A. M. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior and exterior painting and repairs at the U. S. Custom House, San Francisco.

Specifications may be obtained at the above office and at the office of the custodian of the building at San Francisco.

BID OPENED

ABERDEEN, Wash.—Pinckney Plumbing & Heating Co., Aberdeen, Wash., at \$4,035, submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new heating boiler, etc. at the U. S. P. O., at Aberdeen, Wash. 7

BIDS WANTED

SALEM, Ore.—Until Sept. 30, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster at the U. S. P. O., at Salem. 7

BIDS WANTED

SAN DIEGO, Calif.—Until October 4, 11 A. M. bids will be received by the Public Works Officer, 11th Naval Dist., foot of Broadway, San Diego, for aviation facilities at the 11th Naval District (Fleet Training Base) San Clemente Island; Spec. 8940.

Work consists in general of the furnishing of materials and labor and the construction of two timber frame barracks; two timber frame bachelor officers quarters; one timber frame mess hall and galley bldg.; one steel frame hangar; one steel frame heating and electric generating building; foundation only for one hangar; two 100 h.p. steam-heating boilers and appurtenances for heating; kitchen and refrigerating equipment and miscellaneous services and equipment.

Bidding data obtainable from the

Public Works Office, upon deposit of \$20, check or postal money order payable to the Chief of the Bureau of Yards and Docks. 7

BIDS WANTED

SAN DIEGO, Calif.—Until Sept. 20, 11 A. M. (postponed from Sept. 13) bids will be received by the Public Works Officer, 11th Naval District, San Diego, under Spec. 8899, for driving foundation piles for combined Hall-Galley-Barracks Building and for Fleet School Building, at the Naval Operating Base (Destroyer Base), San Diego. 7

BIDS OPENED

MARE ISLAND, Solano Co., Cal.—Westinghouse Electric Elevator Co., Latham Square Bldg., San Francisco at \$7,691 submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, for miscellaneous repairs and improvements on eight elevators, including gates, interlocks, buffers and safety devices at the U. S. Navy Yard, Mare Island; Spec. No. 8787.

Complete bids were:

Westinghouse Elec. Elev. Co.	\$7,691
S. F. Elevator Co.	8,567
Otis Elevator Co.	8,854

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Sept. 21, 11 A. M. (postponed from Sept. 14), bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for installing a concrete chimney for the Central Power Plant at the U. S. Navy Yard, Mare Island; Spec. No. 8930.

Drawings and specifications may be obtained from the Commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order for \$5, payable to the Chief of the Bureau of Yards and Docks.

LOW BIDDERS

FORT LEWIS, Wash.—McDonald Building Co., 1517 S. Tacoma, Tacoma, at \$98,490 submitted low bid to the Constructing Quartermaster, Fort Lewis, for two five family row houses for company officers at McChord Field.

Second and third low bids submitted by Pioneer Construction Co., Seattle, at \$113,000 and Sound Construction and Engineering Co., Seattle, at \$99,624. 7

BIDS OPENED

SAN FRANCISCO.—West Coast Linoleum & Carpet Stores, 1163 Market St., at \$2,375 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing materials and performing work for linoleum flooring at the U. S. Custom House, San Francisco.

Complete bids were:

West Coast Linoleum & Carpet Stores	\$2,375.
Turner Resilient Floors, Inc.	\$2,479.

D. M. & E. Walters & Co.	\$2,737.
All of San Francisco.	

BIDS WANTED

ROSEBURG, Ore.—Until Sept. 27, bids will be received by the Procurement Division, Public Buildings Branch Washington, D. C., for coal burning water heater, at the U. S. P. O., at Roseburg.

Bids Wanted — To Close Oct. 12, 1 P. M.
POSTOFFICE. Cost, \$30,000
 CAMAS, Washington.
 United States Post Office.
 Owner—U. S. Government.
 Plans by Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Wash., D. C.

BIDS OPENED

KETCHIKAN, Alaska.—Moline Furniture Co., Moline, at \$1,600 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for changes in Judge's room and library and changes in witness stand for the U. S. P. O. Court House, Custom House and Jail at Ketchikan.

Other bids were:
 J. B. Warrack Co., Seattle, Wash., \$1,964.
 Original Cabinet Corp., Niles, Mich., \$2,002.

Sub Contracts Awarded

POST OFFICE. Cont. Price, \$94,460
RICHMOND, Contra Costa Co., Calif.
 New United States Post Office
 Owner—United States Government
 Contractor—James I. Barnes Construction Co., Builders' Exchange Bldg., Santa Monica.

Plans by Supervising Architect of the Treasury Department, Washington, D. C.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Streets, S. F.

Roofing—Alta Roofing Co., 976 Indiana Street, S. F.
Hardware—Russell & Erwin, New Briton, Conn.

Cement—Pacific Portland Cement Co., 111 Sutter Street, S. F.
Sand and Gravel—E. H. Higgins Co., 26th Street, Richmond.

Marble—Eastman Marble Co., 209 Mississippi Street, S. F.
Title—Rigney Tile Co., 3012 Harrison Street, Oakland.
Ceramic Veneer—Kraftite Co., Niles.

SUB CONTRACTS AWARDED

PALO ALTO, Santa Clara Co., Cal.
 —James I. Barnes Construction Co., Builders' Exchange Building, Santa Monica, awarded the following sub-contracts for Infirmary Building, No. 137, at the Veterans' Administration Facility, Palo Alto.

Reinforcing Steel—Truscon Steel Co., 604 Mission Street, S. F.
Hardware—Sargent & Co., New Haven, Conn.

Marble—Eastman Marble Co., 209 Mississippi Street, S. F.
Steel Sash—Campbell Metal Window Corp., Baltimore, Md.

COMPLETE BIDS

MARE ISLAND, Solano County, Calif.—Bury Compressor Co., Erie, Pa., at \$41,730 (1) and Condenser Service Engineering Co., Hoboken at \$3,396 (2) submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for (1) air compressors and (2) condensers; Spec. No. 8923.

Complete bids follow:
 Bury Compressor Co., Erie, Pa., (1) \$41,730.
 Condenser Service Engineering Co., Hoboken, (2) \$3,396.
 Ingersoll-Rand Co., Washington, D. C., (1) \$41,922; (2) \$5,315.
 Worthington Pump and Condenser Co., Washington, D. C., (1) \$46,450.
 General Machy. Corp., Hamilton, Ohio, (1) \$46,520.
 Woodberg Mfg. Co., Milwaukee, Wis., (1) \$46,875.
 Hardie-Tynes Mfg. Co., (1) \$47,200.

Lumms Co., N. Y., (2) \$4,097.
 C. H. Wheeler Mfg. Co., Philadelphia, (2) \$3,410.
 Foster Wheeler Co., (2) \$3,330.

BIDS OPENED

SACRAMENTO, Calif.—Pac. Painting and Decorating Co., 5414 Telegraph Ave., Oakland, at \$3,388 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting the plaster, etc. (old portions) in the U. S. Post Office and Court House at Sacramento.

Complete bids were:
 Pacific Painting and Decorating Co., \$3,388 (a) \$8,788.
 R. G. Paoli & Co., S. F., \$7,753 (a) \$800.
 Henry L. Grohne, Decatur, Ill., \$7,965 (a) \$1,497.
 Lee Dixon Co., Ltd., S. F., \$8,760 (a) \$10,925.

CONTRACT AWARDED

FORT LEWIS, Wash.—Nelse Mortensen, 1021 Westlake N. Seattle, at \$34,289 awarded contract by the Constructing Quartermaster, Capt. E. P. Antonovich, 1308 California Ave., Fort Lewis, for one Quartermaster maintenance bldg. at McChord Field, Pierce County.

9— HOSPITALS

Foundations by Day Labor
HOSPITAL Cost, \$200,000
GRASS VALLEY, Nevada Co., Calif.
 Two-story reinforced concrete and steel hospital bldg. (steel floors, reinforced concrete walls, metal lath and plaster partitions, oil-fired steam heat, air conditioning).

Owner—Grass Valley Memorial Hospital Assn., c/o Dr. Carl P. Jones, Grass Valley.

Architect—Walter C. Clifford, 310 Locust St., S. F.
 Foundation work will be done by day labor.

As previously reported structural steel contract awarded Judson Pacific Co., 609 Mission St., S. F.

Sub Contracts Awarded

MEDICAL BLDG. Cont. Pr. \$13,925
PETALUMA, Sonoma Co., Calif.
 One-story frame medical building.
 Owner—C. C. Boyson.
 Architect—George H. Wiemeyer, 605 Market Street, San Francisco.
 Contractor—John H. Frahm, 110 Mt. View Avenue, Petaluma.

Roofing—Don E. Mohn, c/o Napa Lumber Co., Napa.
Plumbing—Rex Hardware Co., 5 Main Street, Petaluma.

Electric Wiring—Brough and Liddle, 15 Western Avenue, Petaluma.
Heating—Frank J. Hoirup, D Street, Extension, Petaluma.

Brick & Stone Work—J. W. Jensen, Rt. 3, Box 252, Petaluma.
Lumber—Sterling Lumber Co., 412 2nd Street, Petaluma.

Bids Wanted — To Close Sept. 26, 10 A. M.
HOSPITAL. Cost, \$186,000
PORTLAND, Oregon, Sam Jackson Park.

Reinforced concrete hospital to accommodate 78 beds.
 Owner—State of Oregon.
 Architect—Lawrence, Holford and Allyn, Failing Bldg.

Plans and specifications obtainable from the architects upon deposit of \$50. Bids must be accompanied by 5% bid security and will be opened by D. J. Fry, State Board of Control, Salem.

Contracts Awarded

HYDROTHERAPY WINGS
AGNEW, Santa Clara Co., Calif.
 State Hospital.

Two hydrotherapy wings at State Hospital (two separate additions on existing receiving bldgs.); two-story reinf. concrete construction, hollow tile partitions, steel sash, tile roofs. (Total combined area approx. 14,000 sq. ft.)
 Owner—State of California.
 Architect—George G. McDougall, State Architect, Public Works Bldg., Sacramento.

General Work
 Moore & Roberts, 693 Mission St., S. F., \$89,700.

Electrical Work
 Guilbert Bros. Electric Co., 288 W. Santa Clara St., San Jose, \$5,726.

Plumbing
 A. J. Peters and Son, 455 Washington St., San Jose, \$15,909.

Heating and Ventilating
 O'Mara & Stewart, Ltd., 218 Clara St., S. F., \$11,719.

Bids Wanted — To Close Oct. 6 HOSPITAL. Cost, \$79,710
WEIMAR, Placer Co., Cal.

Two-story addition to sanitarium.
 Owner—Weimar Sanitarium.
 Architect—Harry J. Devine, Cronan Bldg., Sacto.
 PWA grant of \$35,869 allotted

Bids Wanted — To Close October 6, 11:00 A. M.
HOSPITAL. Cost, \$79,710
WEIMAR, Placer Co., Calif.

Two-story addition to sanitarium.
 Owner—Weimar Sanitarium.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 PWA grant of \$35,869 allotted.

Plans and specifications will be available from the architect's office in about one week, upon deposit of \$25.

12— POWER PLANTS

Plans Being Finured — Bids Close September 20, 2 P. M.
DIAL UNIT

NORTH SACRAMENTO, Sacramento County, Calif., Rio Linda Blvd. and Nogales Street.
 One-story brick and frame dial concentration unit (37x47') tile front.
 Owner—Pacific Telephone and Telegraph Company.
 Architect—Plans by Engineering Department of Owner.
 Plans are being figured by a selected list of contractors.

CONTRACT AWARDED

ALCATRAZ, Calif.—Herman Lawson, 465 Tehama Street, San Francisco, at \$102,000, has been awarded the contract for all mechanical work involved in construction of a \$207,400 power house at the U. S. Penitentiary on Alcatraz Island.

The contract for general construction of the power house was awarded to Clinton Construction Company, at \$207,400, early in August.

All mechanical work on the structure will be handled by Herman Lawson Company under the contract recently awarded to them by Clinton Construction Company, it is announced. The cost of the mechanical work totals \$102,000.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

YERBA BUENA SHOALS.—Until Sept. 30, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden

Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said bldg., for general construction of the Southern Counties Building; San Joaquin Valley Building; Alta California Building and Mission Trails Wall, on Yerba Buena Shoals.

Plans and spec. may be obtained Sept. 16 at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th & N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Bids Wanted—To Close September 27, 10 A. M.

ADDITION Cost, \$.....
MARYSVILLE, Yuba Co., Calif.
 Addition to Hall of Records, County Court House and Jail building (brick walls, reinforced concrete floors, etc.)

Owner—County of Yuba.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications obtainable from the architect's office upon deposit of \$20.00.

Bids will be opened at the office of the County Clerk, County Court House, Marysville.

Sub Contracts Awarded

TOLL PLAZAS Cont. Pr., \$14,900
YERBA BUENA ISLAND. Site of the 1939 World's Fair.

Construction in accordance with the specifications therefor, to which special reference is made, of the Toll Plaza, Yerba Buena Island, of the San Francisco - Oakland Bay Bridge; work includes permanent toll plaza, electrical w/k, plumbing, permanent office, and temporary toll plaza.

Owner—State Dept. of Public Works, S. F.-Oakland Bay Bridge Division.

Plans prepared by S. F.-Oakland Bay Bridge Division.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Mill Work—J. A. Hart Mill and Lumber Co., Jerrold and Napoleon Streets.

Electric Work—Delatour Elec. Co., 735 Tehama St.

Glass—W. P. Fuller & Co., 301 Mission St.

Finish Hardware—Palace Hardware Co., 581 Market St.

Linoleum—The American Art Tile Co., 231 Franklin St.

Masonry—Wm. A. Rainey & Son, 223 Clementina St.

Plumbing—Higgins and Kraus, 741 Tehama St.

Roofing—Alta Roofing Co., 976 Indiana St.

Toll Booth—Michel and Pfeffer Iron Works Inc., 10th & Harrison Sts.

Weighing Scale—The Howe Scale Co., 118 4th St.

All of San Francisco.

Sub-Contracts Awarded

MISSOURI BLDG. Cont. Pr., \$19,264
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Missouri Building; Contract No. 205.

Owner—San Francisco Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Mill Work—J. A. Hart Mill & Lbr. Co., Jerrold and Napoleon Sts.

Finish Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Painting—D. Zellinsky & Sons, Inc.,

165 Grove Street.
 Plumbing—Mara & Stewart, Ltd., 218 Clara Street.
 Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant.
 Sheet Metal—Stelling Sheet Metal Shop, 2811 Army St.
 All of San Francisco.

Sub-Contracts Awarded

EXHIBIT BLDGS. Cont. Pr., \$102,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of the Redwood Empire Building and Sacramento Valley and Mountain Counties Building.

Owner—State of California Commission for the Golden Gate International Exposition (C. H. Purcell, Executive Officer).

Architect—State Division of Architecture (Geo. B. McDougall, State Architect; Timothy Pflueger, Supervising Architect).

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Stairs—Peirano and Drew, 445 Bayshore Blvd.

Sheet Metal—Guilfoyle Corncase Works 1234 Howard St.

Misc. Iron—California Artistic Metal & Wire Co., 349 7th St.

Plumbing—E. Sugarman, 362 S. Geary.

Electrical—Edward J. Lynch Elec. Co., 2080 Sutter Street.

Glass—Cobblestick-Kibbe Glass Co., 666 Howard St.

All of San Francisco.

Funds Allotted

COUNTY COURTHOUSE.

EUREKA, Humboldt Co., Calif. Sixth and I Streets.

Two-story solid Redwood County courthouse, with detention section of reinforced concrete, Class C construction.

Owner—County of Humboldt.

Architect—Frank T. Georgeson, P. O. Box 55, Eureka.

PWA grant of \$45,000 allotted, to be augmented by \$55,000 appropriation already made. Total estimated cost of \$100,000 includes furnishings and equipment.

Contracts Awarded

DORMITORY UNITS

SAN LUIS OBISPO, Calif., California Polytechnic School.

Erection and completion of Six Dormitory Units, consisting of six one-story wood frame buildings, covered on exterior with wood siding on walls and composition shingles on roof. Interior walls and ceilings are plastered. Windows and doors are of wood.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacto.

General Work

O. R. Ochs, 791 Church St., San Luis Obispo, \$27,400.

Plumbing & Heating

Smees Plumbing & Heating Co., San Luis Obispo, \$4,295.

Elevator

Moore Elevator Co., L. A., \$2,635.

CONTRACT AWARDED

SAN LEANDRO, Alameda Co., Cal.

—Symon Brothers, 22nd Ave. and E. 14th St., Oakland, submitted the only bid and was awarded contract by the City of San Leandro.

E. F. Hutchings, City Clerk, for purchase and removal of demolition of frame building at 847 E. 14th St., San Leandro.

The contractor will pay the City of San Leandro \$50.00.

LOW BIDDER

LONG BEACH, Los Angeles Co., Calif.—Duff & Vandenhooft, 733 W. 14th St., Long Beach, submitted low

bid to the Long Beach Water Dept. at \$17,824, for constr. of additions to the Municipal Utilities Bldg. on Broadway, near Cedar Street, Long Beach. Plans were prepared by Architect Warren Dedrick, Heartwell Bldg., Long Beach, and Structural Engineer J. H. Davies, Ocean Center Bldg., Long Beach. • 13

BIDS REJECTED

YERBA BUENA SHOALS, Calif.

—Bids received Aug. 19 for constructing bridges west of the Main Entrance, Yerba Buena Shoals, were rejected by the San Francisco Bay Exposition, Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F., and work will be done by the Exposition company's own forces.

Contract Awarded

BAR Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Bar, Air Terminal Building; Contract No. 211.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Mullen Mfg. Co., 64 Rausch St., S. F.

Bids Wanted — To Close Sept. 26, 8 P. M.

CITY HALL Est. cost, \$61,800
DALY CITY, San Mateo Co., Calif.

Two-story and basement reinforced concrete city hall building.

Owner—City of Daly City.

Architects—Wm. H. Toepke and Otto G. Hintermann, 74 New Montgomery St., S. F.

PWA grant in the amount of \$27,810, together with bonds in the amount of \$34,000 will finance construction.

Plans and specifications obtainable from the architects' office upon deposit of \$15.00.

Bids must be accompanied by certified cashier's check of 10% of bid, and will be opened at the office of the City Clerk, City Hall, Daly City.

Bond Election

CITY HALL AND FIREHOUSE Cost, \$18,235

FAIRFIELD, Solano Co., Calif., Jackson Street.

One-story concrete City Hall and Firehouse; tile roof.

Owner—City of Fairfield.

Architect—Frederick H. Reimers, 233 Post Street, San Francisco.

The City of Fairfield will vote September 20 on a proposal to issue bonds in the amount of \$10,000, which proceeds, together with expected PWA grant of \$8,235 will finance construction.

Award Recommended

FIRE HOUSE

REDDING, Shasta Co., Calif.

Two fire houses and furnishing two fire engines, fire hose, fire alarm system and other apparatus.

Owner—City of Redding, W. Wright, City Clerk.

Architects—Masten & Hurd, 442 Post St., S. F.

Low Bidder—J. P. Brennan, Redding \$71,000.

Complete bids follow:

J. P. Brennan, Redding, \$71,000.

F. A. Hawkins & Co., S. F., \$79,900.

B. A. Greenough, Redding, \$82,200.

Recommendation made to PWA that contract be awarded low bidder.

Contract Awarded

ADDITION Cont. Pr., \$136,940
SACRAMENTO, Sacramento Co., Cal.

Three-story reinforced concrete addition

to county courthouse and jail.
 Owner—County of Sacramento (Chas. W. Detering, Jr., county executive).
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Contractor—W. C. Keating, 1121 24th St., Sacramento.

Bonds Voted
CITY HALL Cost, \$130,000
PORTERVILLE, Tulare Co., Calif.
 City Hall, Police Headquarters and Jail Building.
 Owner—City of Porterville, W. R. Means, City Clerk.

The City of Porterville voted bonds September 7, in the amount of \$17,000 which proceeds together with PWA allotment of \$58,090 and funds on hand will finance construction.

Bids Wanted—To Close September 26, 7:30 P. M.

ALTERATIONS AND ADDITIONS PLACERVILLE, El Dorado County, Calif.

Alterations and additions to Municipal Filtration Plant.

Owner—City of Placerville, Esther A. Mabler, City Clerk.

Plans and specifications obtainable from the City Clerk, City Hall, upon deposit of \$15, per set, \$10 returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid, and will be opened in the City Council Room, City Hall, at 8:00 P. M., September 26.

CONTRACT AWARDED

LOS ANGELES, Calif.—Petersen Bros., Inglewood, at \$9,769 awarded contract by Geo. B. McDougall, State Architect, Public Works Bldg., 12th and "N" Sts., Sacramento, for landscape work and sprinkler system, State Office Building, at Los Angeles.

AWARD RECOMMENDED

LONG BEACH, L. A. Co., Calif.—Duff & Vandenboogen, 733 W. 14th St., Long Beach awarded contract at \$117,824, subject to PWA approval for construction of additions to the Municipal Utilities Bldg. on Broadway, near Cedar St., for the Long Beach Water Dept. Plans were prepared by Architect Warren Dedrick, Heartwell Bldg., Long Beach, and Structural Engineer J. H. Davies, Ocean Center Bldg., Long Beach.

Bids Wanted — To Close Oct. 5.

MEMORIAL HALL, Cost, \$72,000
PEDDING, Shasta Co., Calif.
 Veterans' Memorial Building.

Owner—County of Shasta.
 Architect—Masten & Hurd, 442 Post St., S. F.

A loan and grant in the amount of \$72,000 has been approved.

Bids Opened

GRANARY & COTTAGE,
TEHACHAPI, Kern Co., Calif. Institute for Women.

Granary and Farm Cottage.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low bidder: V. L. and W. B. Jacobson, 3338 Madera Ave., L. A., \$38,977.

Complete bids follow:
 V. L. and W. B. Jacobson, L. A., \$38,977.

R. Hodgson and Sons, Porterville, \$10,490.

H. H. Peterson, San Diego, \$11,644.
 P. J. Daum, L. A., \$12,530.

Myron S. Roberts, Tehachapi, \$14,076.

Bids Opened

ADDITION & ALTER

BISHOP, Inyo Co., Calif. Division

of Highways Station.
 Construction of additions and alterations to equipment repair shops; existing equipment repair shop consists of a wood frame building covered with galv. iron to which certain additions and alterations are to be made.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Low bidder: V. L. and W. B. Jacobson, 3338 Madera Ave., L. A., \$11,339.

H. H. Peterson, San Diego, \$11,316.00.

R. J. Daum, L. A., \$12,187.00.
 R. Hodgson & Sons, Porterville, \$12,990.00.

Bids Wanted—To Close October 4,

2 P. M.

ADDITIONS Cost, \$.....
LOS ANGELES, Calif. State Office Building.

Additions to building and grounds improvements consisting of remodeling the remaining portions of the old Times Bldg., the demolition and removal of certain sidewalks, curbs and other work, the construction of new main entrance stairway from First St. to the State Office Bldg.; also sidewalks and curbs.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Separate bids only will be received for following separate parts of the work: (1) general work; (2) ventilating work; (3) plumbing work, and (4) electrical work.

Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25, returnable.

Bids must be accompanied by a cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

Bids Opened

BOILER HOUSE, ETC.

CONWAY SUMMIT, Mono Co., Calif. Division of Highways Station.

Construction of boiler house, gas and oil station and truck shed (the boiler house, gas and oil station and truck shed consist of wood frame, one-story bldgs. covered on exterior with corrug. galv. iron walls and roof and conc. floors; boiler house walls are covered on interior with corrugated iron, and truck shed walls are covered on interior with wood; steel windows and wood doors).

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Low bidder: R. J. Daum, 3964 Budlong Ave., L. A., \$24,000.00.

Complete bids follow:
 R. J. Daum, 3964 Budlong Ave., L. A., \$24,000.00.

V. L. and W. B. Jacobson, L. A., \$24,467.00.

H. H. Peterson, San Diego, \$25,996.00.

Fred J. Early, Jr., S. F., \$27,758.00.
 R. Hodgson and Sons, Porterville, \$29,192.00.

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until Sept. 27, 1:00 P. M., bids will be received by the United States Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush Street, San Francisco,

for performing all work and providing and paying for all materials, labor, tools, plant, equipment, light, power, transportation, and all other facilities necessary for the interior construction work in a building on Treasure Island, Yerba Buena Shoals.

Plans and specifications may be obtained at Room 1400, 200 Bush Street, San Francisco, upon deposit in cash or certified check of \$50, returnable, payable to George Creel, Commissioner.

14— RESIDENCE

Sub-Contracts Awarded

RESIDENCE Cost, \$10,000
SAN MATEO, San Mateo Co., Calif. One - story frame and stucco residence (hardwood floors, tile baths shake roof, gas-fired forced-air heating system, wood sash).

Owner—James J. Reeden, 335 W. Bellevue, San Mateo.

Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contractor—Suburban Builder, Inc., 126 California Drive, Burlingame.

Roofing—Henry Baer, Garfield and 28th Ave., San Mateo.

Plumbing—F. J. Regan, 245 California Drive, Burlingame.

Electric Wiring—Mausser Elec. Co., 260 Lorton Ave., Burlingame.

Heating & Sheet Metal—B. B. Stern & Co., 241 Park Road, Burlingame.

Tile Work—Benetti Tile Co., 931 N. Idaho St., San Mateo.

Glass and Mill Work—Trollman Mfg. Co., Millbrae.

Hardwood Floors—E. Cinnamond, 232 Arundel Road, Burlingame.

Brick Work—Person & Wik, 1431 Laguna Ave., Burlingame.

Iron Grille Work—San Mateo Forge, Third Ave. and Claremont, San Mateo.

Grading—L. C. Smith, First and Railroad, San Mateo.

Foundations—Bragato & Sons, 363 N. Eldorado St., San Mateo.

Lumber—Wisnom Lumber Co., 1000 Broadway, Burlingame.

Painting—Wm. Steele, 1469 Newlands Ave., Burlingame.

Lathing and Plastering—Paul Venturilli, 943 N. Idaho Street, San Mateo.

Concrete—Calaveras Cement Co., 315 Montgomery St., San Francisco.

Contract Awarded

RESIDENCE Cost, \$7,500
SAN FRANCISCO, W. Lunado Way, 60' S. Mercedes St.

Two-story frame residence.
 Owner—Wm. B. David, 988 Market St.

Architect—Not given.
 Contractor—Moore & Roberts, 693 Mission St. 14

Plans Being Figured — Bids Close

Sept. 17, 12 Noon
RESIDENCE
SAN RAFAEL, Marin Co., Calif.

One-story frame and stucco residence; hardwood floors, tile bath, etc.

Owner—Mr. Franzman, c/o Arch. Architect—F. B. Comstock, 260 California St., San Francisco.
 Plans are being figured by a selected list of contractors.

Sub Contracts Awarded

RESIDENCE Cost, \$9000
SARATOGA, Santa Clara Co., Calif. Glen Unit Tract.

One-story frame and rustic residence (7 rms., 2 baths) hardwood floors shake roof, wood sash, etc.
 Owner—Dr. Breece, care Architect
 Architect—Charles McKenzie, Twohy Bldg., San Jose.
 Contractor—W. S. Clayton, Jr., 34 W.

Santa Clara St., San Jose.
Plumbing, Heating and Sheet Metal—Wm. F. Serpa, 497 N. 13th St.
Electric Wiring—Fleming Elec. Co., 377 E. Julian Street.
Glass and Mill Work—Pacific Mfg. Co., Santa Clara.
Hardwood Floors—Best Floor Co., 1819 Park Street.
Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos Street.
Brick and Stone Work—Frank Filben, 140 Marthin Avenue.
Grading, Foundations and Concrete—J. C. Bateman, Rt. 4, Box 55, Roberts Avenue.
Lumber—Milpitas Lumber Co., Milpitas.
Lathing and Plastering—Louis Hoff, 323 S. 18th Street.
 All of San Jose unless otherwise noted.

Bids In RESIDENCE.
SACRAMENTO, Calif. 44th near Filson St. Blvd.
 Two-story brick residence (12 rooms, 4 baths) cedar shingle roof, gas heating system, etc.
 Owner—John Davis.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Bids are in and being held upon pending arrival of owner today.

Work Underway RESIDENCE.
OAKMORE, Ala. Co., Calif.
 One-story frame residence with shingle siding; dry wall interior, tile showers, linoleum floors in baths, steel sash, etc.
 Owner Withheld.
 Architect—Marshall Dean & John Hudspeth; Marshall Dean, Architect, 2104 Addison St., Berkeley.
 Contractor—Wiley T. Vaughn, 103 Bayo Vista, Oakland.

Low Bidder RESIDENCE.
SACRAMENTO, Calif. 44th near Filson Blvd.
 Two-story brick residence (12 rooms, 4 baths) cedar shingle roof, gas heating system, etc.
 Owner—John Davis.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
Low Bidder—James T. Ransdall, Jr., 1401 39th Ave., Sacramento, \$6,490.

Work Underway. ALTERATIONS.
SARATOGA, Santa Clara Co., Cal.
 Alterations to two-story residence.
 Owner—Dr. J. I. Beattie.
 Architect—Higgins & Root, Security Bldg., San Jose.
 Contractor—Nielsen & Erbenbraut, 201 S. Market St., San Jose.

Plans Completed RESIDENCES Cost, \$5,000 each
SAN FRANCISCO, 31st and Lawton Streets.
 Five one-story frame and stucco residences (5 rooms each) hardwood floors, tile baths, wood sash, etc.
 Owner and Builder—Standard Bldg. Co., 20th Avenue and Judah Sts.
 Architect—D. E. Jaekle, 126 Post St.

Sub-Contracts Awarded RESIDENCE. Cost, \$.....
RICHMOND, Contra Costa Co., Calif.
 Fira Vista Highlands.
 Two-story and basement frame and stucco residence (tile roof, hardwood floors, tile baths, etc.)
 Owner—Mr. Waugh, c/o Architect.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
 Contractor—O. E. Ringeltaube, 1498 Marin Ave., Berkeley.

Roofing—Guy Tyler and Sons, 1502 Cedar St., Berkeley.
Plumbing—Killy MacMillan, 1609 Bonita Ave., Berkeley.
Electric Wiring—Preston Jones.
Heating—David Clay Jones, Oak Springs, Oakland.
Sheet Metal—Richmond Sheet Metal Works, 520 16th St., Richmond.
Iron Grille Work—Glubetich & Morra Iron Works.
Brick & Stone Work—R. H. Evans, 1087 MacLaughlin Ave., Richmond.
Foundations & Concrete—P. Barale's Son, 123 E. 15th St., Oakland.
Lumber & Mill Work—Klier Bros. Lumber Co., 1122 San Pablo, Oakland.

Low Bidder RESIDENCE.
ATHERTON, San Mateo Co., Calif.
 Mindenwood.
 One-story frame residence (8 rooms, 3 baths) shingle roof, gas heating system, etc.)
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Low bidder: Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Contract Awarded ALTERATIONS. Cont. Pr., \$1,191
BURLINGAME HILLS, San Mateo Co., Calif.
 Alterations to residence.
 Owner—Milton F. Theller.
 Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.
 Contractor—Henry Voelker, 805 Winchester Ave., Burlingame.
 Complete bids were:
 Henry Voelker, Burlingame, \$1,191.
 C. H. Bessett Bldg. Co., Burlingame, \$1,373.
 Suburban Bldrs. Inc., S. F., \$1,471.

Plans Completed RESIDENCE
SAN FRANCISCO, Madison St.
 Six one-story frame and stucco residences (5 rooms each); hardwood floors, tile baths, wood sash, etc.
 Owner and Builder—John A. Johnson, 69 Madison St.
 Architect—D. E. Jaekle, 126 Post St.

PLANS BEING FIGURED
GLENDALE, L. A. County, Calif.
 Until Sent 22, Architect Edwood P. Eiden, 106 E. Wilson Ave., Glendale, is taking bids from a selected list of contractors for a 2-story, 28-room convent to be built on Elk St. between Glandale Ave. and Louise St., Glendale, for Roman Catholic Archbishop (Holy Family Convent). 14

Plans Completed RESIDENCES Cost, \$5,000 ea.
SAN FRANCISCO, 41st & Kirkham Streets.
 Five, one-story frame and stucco residences (5 rooms each), hardwood floors, tile baths, wood sash, etc.
 Owner and Builder—Standard Bldg. Co., 20th Ave and Judah St.
 Architect—D. E. Jaekle, 126 Post St., S. F.

Sub-Contracts Awarded RESIDENCE Cost, \$11,000
SAN BERNARDINO, San Bernardino, Calif.
 Two-story frame and stucco residence (9 rooms) approximately 68x46 ft. shingle roof, steel sash and screens, oak floors, three baths, tile drainboard, brick chimney and terraces, overhead garage doors, gas furnace, etc.
 Owner—James D. Derbin, 463 25th Street.

Architect—Not given.
 Contractor—L. P. Scherer, P. O. Box 423, Redlands, Calif.
Plumbing—E. R. Schwender, 531 Arrowhead Avenue.
Electric Wiring—Azvedo Elec. Co., 406 E. 2nd St.
Heating & Sheet Metal—San Bernardino Sheet Metal Works, 649 2nd St.
Brick & Stone Work—C. W. Parker, 1328 Mt. Vernon, Colton.
Foundations & Concrete—Wm. M. Mathews, 9571 Magnolia Ave., Arlington.
Lumber—Gibson Lumber Company.
Millwork—Fletcher Planing Mill, 5th & Stuart, Redlands.
 All of San Bernardino unless otherwise noted.

Preparing Sketches RESIDENCE.
BAYWOOD, San Mateo Co., Calif.
 Two-story frame and stucco California Monterey type residence.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.

Sub-Contracts Awarded RESIDENCE Cost, \$.....
HILLSBOROUGH, San Mateo Co., Calif.
 South Down Road.
 One-story frame and stucco residence (hardwood floors, tile baths, etc.)
 Owner—Ross W. Smith.
 Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.
 Contractor—Henry Voelker, 805 Winchester Ave., Burlingame.
 Mill Work—Pacific Mfg. Co., Santa Clara.

Electric Wiring—R. G. Linville, 2617 Easton Drive, Burlingame.
Grading & Excavating—L. C. Smith, 235 Third Ave., San Mateo.
Heating and Sheet Metal—Izmirian Roofing and Sheet Metal Wks., 229 S. Railroad Ave., San Mateo.
Lumber—Smith Lbr. Co., Burlingame.
 Plastering—Paul Venturelli, 943 N. Idaho, San Mateo.
 Tile Work—Benetti Tile Co., 906 N. Humboldt St., San Mateo.
 Painting—John P. Elliott, 1129 Paloma Ave., Burlingame.
Hardwood Floors—W. C. Haller, 920 Oak Grove Ave., Burlingame.
Brick Work—Chas. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.
Concrete—Hugo Heisinger, 1122 4th Ave., San Mateo.

Preparing Plans RESIDENCES. Cost, \$3,000 to \$9,000 ea.
SAN FRANCISCO, Cor. 41st Ave. & Lincoln Way.
 Two duplex residences; hardwood floors, tile baths, wood sash, etc.
 Owner and Builder—E. Vigen, 1346 40th Ave., S. F.
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded RESIDENCE. Cost \$.....
OAKLAND, Alameda Co., Calif.
 Two-story frame and stucco residence (15 rooms, 4 baths, hardwood floors, tile baths, shingle roof, wood sash, gas fired hot air heating system, etc.)
 Owner—Withheld.
 Architect—Williams and Wastell, 337 17th St., Oakland.
 Contractor—H. C. Andersen & Son, 690 Montclair Ave., Oakland.

Preparing Plans RESIDENCES.
GARDEN CITY, San Mateo Co., Cal.
 Two one-story frame and stucco residences (5 rooms ea.), hard-

wood floors, gas fired hot air heating systems, tile baths, shingle roofs.

Owner and Builder—Paul A. Wolter, Jr., 90 Ravenwood Drive, S. F.
 Architect—Albert H. Larsen, 333 Kearny St., S. F.

Preparing Preliminary Plans
RESIDENCE Cost, \$15,000
 SAN MATEO CO., Calif.
 Two-story frame and stucco residence (3 bedrooms, 2 baths), hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearney St., S. F.

Bids In — Held Under Advisement.
RESIDENCE
 PIEDMONT, Ala Co., Calif.
 Two-story frame residence; hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.
 Announcement shortly.

Contract Awarded
RESIDENCE Cont. Pr. \$9,908
 SALINAS, Monterey Co., Calif.
 Two-story frame and brick veneer residence (9 rooms), hardwood floors, tile baths, wood sash, gas fired hot air heating system, shingle roof, etc.
 Owner—J. P. Meyenberg, c/o Arch. Architect—Charles E. Butner, 7 Winham St., Salinas.
 Contractor—A. F. Carlsen, Route 1, Box 74-A, Salinas.
 Contract does not include plumbing, heating and ventilating, sheet metal, painting or tile work, which will be done by the owner.
 Complete bids were:
 A. F. Carlsen, Salinas.....\$ 9,908.00
 H. P. Kinzey, Salinas..... 10,357.00
 S. W. Andreason, Salinas.... 10,859.70

Preparing Plans
RESIDENCE Cost, \$7000
 GARDEN VILLAGE, San Mateo Co., Calif.
 One-story frame and stucco residence (6 rooms) hardwood flrs., tile bath, wood sash, gas fired heating system, etc.
 Owner—Paul A. Wolter, Jr., 90 Ravenwood Drive, S. F.
 Architect—Albert H. Larsen, 333 Kearny St., S. F.

15— SCHOOLS

Bond Election
SCHOOL Cost, \$25,000
 PLYMOUTH, Amador Co., Calif.
 Three room frame and stucco grammar school building.
 Owner—Plymouth Elementary Sch. District.
 Architect—George C. Sellon, California State Life Bldg., Sacto.
 The school district will vote Sept. 20 on a proposal to issue bonds in the amount of \$13,750, which proceeds together with expected PWA grant of \$11,250 will finance construction.

Bond Election
JUNIOR HIGH SCHOOL Cost, \$367,000
 REDDING, Shasta Co., Calif.
 Construction of Junior High School.
 Owner—Shasta Union High School District.
 Architect—Not given.
 The Shasta Union High School District will vote Sept. 30 on a proposal to issue bonds in the amount of \$200,000, which proceeds together with expected PWA grant of \$167,000 will finance construction.

LOW BIDDERS
 LOS ANGELES, Calif.—Baruch Corp., 625 S. Olive St., L. A., submit-

ted low general contract bid to the L. A. Board of Education at \$95,433, for construction of new assembly hall at Canoga Park high school, 6850 Topang Canyon Blvd., a PWA project. Hibbard, Gerity & Kerton, architects, 1106 Architects' Bldg., L. A.; Paul Jeffers, structural engineer; C. A. Sanborn Co., mechanical engineer. 15

LOW BIDDER
 WHITTIER, L. A. County, Calif.—C. B. Bagnall, Box 176, Palos Verdes Estates, submitted low bid to Whittier School District, at \$29,900, for a 2-story shop bldg. (52x87-ft.) to be built at the Jonathan Bailey school, Whittier, a PWA project. John C. Austin, architect, 608 Chamber of Commerce Bldg., L. A. 15

Contract Approved
ADDITION Cont. Price \$28,334
 SALINAS, Monterey Co., Calif.
 Three classroom addition to Santa Rita School.
 Owner—Santa Rita School District (A. Martinez, Clerk).
 Architect—C. J. Ryland, 136 Boniface Place, Monterey.
 Contractor—Albert Staton, 144 Pine St., Salinas.

Low Bidders
LIBRARY
 CHENEY, Wash., Eastern Washington College of Education.
 Two-story fireproof library building (160x98 ft.)
 Owner—Regents of Eastern Washington College of Education.
 Architect—George M. Rasque & Son, Washington Trust Bldg., Spokane.
 Low Bidder—J. T. Halin, 410 E. Trent, Spokane, \$202,658.
 S. T. Miller Plumbing and Heating Co., N. 613 Monroe, Spokane, at \$36,700 submitted low bid for plumbing and heating and Brown - Johnstone Electric Co., N. 117 Lincoln, Spokane, at \$8,076 submitted low bid for electric wiring.

Funds Asked
SCHOOL BLDG. Cost, \$63,850
 LOS BANOS, Merced Co., Calif. West Side Union High School.
 Two-story reinforced concrete high school (92x62-ft.), to replace present building.
 Owner—Los Banos School District.
 Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
 Approval of PWA grant of \$28,732 is expected within a few days. Balance of funds on hand.

Prospective Bidders
SCHOOL Est. cost, \$174,121
 NILES, Ala. Co., Calif. Second and School Streets.
 One-story school building to contain ten classrooms, toilet rooms, library, administration office, and auditorium to seat about 400.
 Owner—Niles School District.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Grant allotted in the amount of \$78,355.
 Plans and specifications obtainable from the architect's office upon deposit of \$25. Bids will be opened in the office at the Niles School.
 As previously reported, bids will be opened Sept. 28, & P. M.
 Following have taken out plans:
 W. E. Lyons Construction Co., 2009 Pacific Ave., Alameda.
 Miller Construction Co., 3917 Mission St., S. F.
 James L. McLaughlin Co., 251 Kearney St., S. F.
 W. G. Thornally, Builders' Exchange Bldg., Oakland.
 Peter Sartorio, 369 Pine St., S. F.
 Central California Construction

Co., Inc., 115 Burows St., S. F.
 E. T. Leiter Sons, 811 37th Street, Oakland.
 Carl N. Swenson Company, 355 Stockton Ave., San Jose.
 F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
 Moore & Roberts, 693 Mission St., San Francisco.
 K. E. Parker Co., 135 So. Park, San Francisco.
 George Petersen, 1841 Bancroft Ave., San Leandro.
 C. L. Wold Construction Co., Ltd., 442 Fulton St., S. F.
 Nielsen & Erbentraut, 201 S. Market St., San Jose.

Bond Election
AUDITORIUM. Est. cost, \$30,000
 SANTA ROSA, Sonoma Co., Calif.
 Fremont Grammar School.
 One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).
 Owner—City of Santa Rosa School District.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 The City of Santa Rosa school district will vote Sept. 29 on a proposal to issue bonds in the amount of \$80,000, which proceeds, together with PWA grant will finance construction of two elementary schools.

Bond Election
SCHOOL Est. cost, \$100,000
 SANTA ROSA, Sonoma Co., Calif.
 Burbank School.
 One-story frame and stucco grammar school to contain 11 classrooms and auditorium.
 Owner—City of Santa Rosa School District.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
 The City of Santa Rosa school district will vote Sept. 29 on a proposal to issue bonds in the amount of \$80,000, which proceeds, together with PWA grant will finance construction of two elementary schools.

Completing Working Drawings
AUDITORIUM ETC. Cost, \$225,000
 DELANO, Kern Co., Calif., Delano High School.
 Auditorium, cafeteria, and central heating plant.
 Owner—Delano Joint Union High School District.
 Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.
 PWA grant of \$101,142 allotted.

Bond Election
JUNIOR HIGH SCHOOL Cost, \$600,000
 SANTA ROSA, Sonoma Co., Calif.
 Construction of new junior high school building.
 Owner—City of Santa Rosa School District.
 Architect — Harold H. Weeks, 593 Market St., San Francisco.
 The City of Santa Rosa school district will vote Sept. 29 on a proposal to issue bonds in the amount of \$330,000, which proceeds together with PWA grant will finance construction of junior high school.

Contract Awarded
ADDITION. Cont. Pr., \$24,390
 YUBA COUNTY, Calif., about five miles south of Marysville.
 One-story frame and stucco addition to present grammar school to contain three classrooms and assembly hall.
 Owner—Ella Elementary School District, W. G. Taylor, Clerk.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Contractor—C. C. Stephenson, 800 First St., Marysville.
 Contract awarded on basic bid in-

cluding deduction of alternate proposals 1 and 4.

General bids received with four alternate proposals, all deductions.

Complete bids were:

C. C. Stephenson, Marysville, \$27,805, (1) \$2,825, (2) \$1,259, (3) \$1,786, (4) \$590.

Chas. F. Unger, Sacramento, \$29,300, (1) \$2,375, (2) \$1,370, (3) \$3,000, (4) \$600.

M. R. Peterson, Sacramento, \$29,348, (1) \$2,910, (2) \$1,028, (3) \$2,784, (4) \$614.

Lawrence Const. Co., Sacramento, \$29,840, (1) \$2,900, (2) \$750, (3) \$2,400, (4) \$700.

C. H. Hillberg, Turlock \$31,214, (1) \$2,825, (2) \$375, (3) \$2,986, (4) \$590.

Prospective Bidders

RECONSTRUCTION

OAKLAND, Ala. Co., Calif., Kansas Street and Brown Avenue.

Reconstruction of Laurel School.

Owner—Oakland School District.
Engineer—Charles A. Whittion, Second Avenue and 10th Street, Oakland (Sch. Administration Bldg).

Plans and specifications obtainable from Room 109, 1025 Second Ave., Oakland, upon deposit of \$25. Bids will be opened in the same office.

As previously reported, bids will be opened Sept. 20, 4 P. M.

Following have taken out plans:
Villadsen Bros., Inc., 354 Hobart St., Oakland.

Fred J. Early, Jr., 369 Pine Street, San Francisco.

John F. Tulloch, 335 8th St., Oakland.

Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Geo. Swanstrom, 1615 78th Ave., Oakland.

Sprout and Rogers, 4409 Harbord Dr., Oakland.

Emil Person, 829 San Luis Road, Berkeley.

Contract Awarded

GYMNASIUM, ETC.

SHANDON, San Luis Obispo Co., Calif.
Cont. Price, \$30,000

Construction of (A) gymnasium, and (B) farm shop building, Shandon Union High School (1-story frame construction).

Owner—Shandon Union High School District (W. H. Offerman, Clerk) Shandon.

Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.

Contractor—F. C. Stolte Co., 203 Pine Street, Pacific Grove.

Complete bids were:
F. C. Stolte Co., Pacific Grove, \$30,000.

Theo. Maino, San Luis Obispo, \$30,349.

Guy E. Hall, Bakersfield, \$35,848.

E. A. Howkins & Co., S. F., \$36,858.

Bids Wanted—To Close September 22, 7 P. M.

ADDITIONS Cost, \$100,000

BAKERSFIELD, Kern Co., Calif.

Additions to the Longfellow School, the McKinley School and the Jefferson School; PWA projects.

Owner—Bakersfield Board of Education.

Architect—Chas. H. Biggar, 554 Haberfelde Building.

Plans and specifications obtainable from the architect upon deposit of \$25.00.

BIDS WANTED

ANAHEIM, Orange Co., Calif. — Until Sept. 23, 7:15 P. M. (bids to be opened at 7:30 P.M.), bids will be received by Anaheim Elementary School District for rehabilitation of the 1-story, 4-unit, brick La Palma school bldg. in Anaheim. Plans ob-

tainable from Architects Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles. 15

CONTRACT AWARDED

KERN COUNTY, Calif.—Elliot & Elliot, Rt. 2, Box 407, Bakersfield,

awarded contract by the McFarland Union School District for construction of a 1-room addition to primary bldg., a bus garage and a manual training bldg. at the McFarland school in Kern county. Plans by Symmes & Willard; Stanton Willard, architect, 1314 17th St., Bakersfield. 15

Bids Wanted — To Close Sept. 27, 8 P. M.

GYM & AUDITORIUM. Cost, \$23,505

SAN BRUNO, San Mateo Co., Calif. Gymnasium and Auditorium at the North Brae Grammar School.

Owner—San Bruno Park School District. J. C. Johansen, Clerk.

Architect—N. W. Sexton, 1602 De-Young Bldg., San Francisco.

PWA grant of \$10,500 allotted to aid in financing construction. Plans and specifications may be obtained from the Clerk of the Board of Sch. Trustees, Edgemont School, and from the office of the architect upon deposit of \$10, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the office of the Superintendent, Edgemont School, San Bruno.

Contract Awarded

TRAINING SCHOOL. Cont. Price, \$194,330

ELLENSBURG, Wash.

Two-story structural steel, wood joist training school (267x171-ft.).

Owner—Central Washington College of Education, Robert McConnell, President.

Architect—John W. Maloney, Larson Bldg., Yakima.

Mechanical Engineer—Lincoln Bouillon, 1411 4th Ave. Bldg., Seattle.

Contractor—Wm. Yeaman, Yakima.

Contract Awarded

TRADING SCHOOL. Cont. Price, \$194,330

ELLENSBURG, Wash.

Two-story structural steel, wood joist training school (267x171-ft.).

Owner—Central Washington College of Education, Robert McConnell, President.

Architect—John W. Maloney, Larson Bldg., Yakima.

Mechanical Engineer—Lincoln Bouillon, 1411 4th Ave. Bldg., Seattle.

Contractor—Wm. Yeaman, Yakima.

Bids Opened

ALTERATIONS & ADDITIONS

SAN RAFAEL, Marin Co., Calif.

Alterations and additions to existing shop building at the San Rafael High School.

Owner—City of San Rafael School District. (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1602 De-Young Bldg., San Francisco.

Low Bidder—Central California Construction Co., Inc., 115 Burrows St., San Francisco, \$11,263.

Contract awarded low bidder subject to approval of PWA.

Only other bid submitted by Leibert & Trobeck, San Rafael, \$14,589. (548) 1st rep. Aug. 31, 1938. * 15

BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 4, 8 P. M., bids will be received by Baldwin Park School District for construction of a one-story school building at Kenmore and Monterey Sts. a PWA project. Est. cost, \$45,000. Plans obtainable from Architects Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, upon deposit of \$20, 5% to accompany bid. 15

Contract Awarded

YUCAIPA, San Bernardino Co., Cal.—P. Scherer, 206½ Orange St., Redlands, awarded contract by Redlands Board of Education at \$36,444 (subject to PWA approval) for construction of a 1-story classroom and auditorium building on a site adjoining the elementary school in

Yucaipa. Marsh, Smith & Powell, architects, Architects Bldg., L. A. 15

Contract Awarded

ADDITION. Cont. Pr., \$135,000

OILDALE, Kern Co., Calif.

New hall to be added to the grammar school to contain classrooms, manual training dept. and a cafeteria.

Owner—Standard School District. Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Contractor—Henry Eissler, 2229 18th St., Bakersfield.

Contract awarded subject to PWA approval.

Other bids were: Guy E. Hall, Bakersfield, \$145,975. Opperman & Co., Bakersfield, \$151,777.

J. K. Thomas, Long Beach, \$154,960. (38) 1st rep. July 8; 2nd, Aug. 31, 1938. * 15

Contract Awarded

BARSTOW, San Bernardino Co., Calif.—O. K. Earl, Jr., 900 E. Poothill Blvd., Altadena, awarded contract by Barstow Union High School Dist., at \$124,155 (subject to PWA approval), for construction of reinf. concrete dressing room and locker bldg., assembly-gym and cafeteria bldg. at Barstow high school, a PWA project. Award made on base bid of \$137,900 with deductions for certain alternates. E. Chas. Parke, architect, 1 Fuller Bldg., San Bernardino. 15

Contract Awarded

LOS ANGELES, Calif.—E. C. Nesser, 4822 W. Jefferson Blvd., Los Angeles, awarded general contract by the L. A. Board of Education, at \$149,350, for construction of a 2-story class A classroom bldg. at the Ralph Waldo Emerson Jr. high school, 1650 Selby Ave., West L. A., a PWA project. Plans prepared by the architectural section of the bd.; A. S. Nibecker, Jr., architect. 15

BIDS WANTED

SACRAMENTO CO., Calif.—Until Sept. 29, 8 P. M., bids will be received by the San Juan Union High School District, Sacramento County, for installation of a septic tank at the high school; est. cost, \$1,000.

Plans by Architect Chas. F. Dean, California State Life Bldg., Sacramento.

Plans Completed

SCHOOL. Cost, \$8,000

CARIBOU, Plumas Co., Cal. Feather River Highway.

Elementary school building to contain one classroom, office, library and playground in basement (all wood construction).

Owner—Las Plumas School District. Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Bids will be asked within a few days. *

Funds Asked

ADDITIONS & ALTERATIONS

Cost, \$343,000

PALO ALTO, San Mateo Co., Calif.

Addition to Addison School (\$250,000)

Administrative bldg. (\$20,000); Crescent Park School \$40,000; Mavfield addition \$10,000; South Palo Alto addition (\$15,000); Walter Hays addition (\$65,000); Jordan School completion (\$150,000); New Barron Park cite (\$50,000).

Owner—Palo Alto Board of Education.

Architect—Not given.

Application filed for PWA grant of 45% of total estimated cost of alterations and additions to various

schools. Approval of grant contingent upon proposed bond election to supply balance of funds, which will probably be held the latter part of October.

Preparing Plans

SCHOOL BLDGS. Cost, \$.....
REDWOOD CITY, San Mateo Co. Cal.
 Sequoia Union High School.
 Woodshop, garage and garden buildings and shop unit; WPA project.
 Owner—Redwood City School Dist.
 Architect—Eldridge T. C. Spencer,
 369 Pine St., San Francisco.
 (675) 15

Bids Opened

LABORATORY FURNITURE
SAN FRANCISCO, College of Pharmacy, University of Calif., 2nd Ave. & Parnassus St.
 Installation of laboratory furniture.
 Owner—Regents of the University of California, Berkeley.
 Low bidder: R. Brandlen & Co., 2141 Bryant St., S. F., \$15,098.
 Complete bids were:
 P. Brandlen & Co., \$15,098.
 Mullen Mfg. Co., \$15,637.50.
 E. H. Sheldon & Co., \$19,106.74.
 American Seating Co., \$21, 686.35.
 All of San Francisco.

Contract Awarded

SCHOOL ADDITION.
 Cont. Price, \$40,800
SALINAS, Monterey Co., Calif.
 One-story frame and stucco addition to the Washington School, consisting of music room, manual training room, domestic science room; composition roof, wood sash, etc.
 Owner—Salinas City School District.
 Architect—Charles E. Butner, 7 Winham St., Salinas.
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

Bids Wanted—To Close Sept. 23, 7:30 P. M.

JR. HIGH SCHOOL Cost, \$121,000
MONROE, Washington.
 Junior high school building.
 Owner—Union High School District No. 103, Cecil Bennett, Clerk, Snohomish Co., Wash.
 Architect—William Mallis, 330 Lyon Bldg., Seattle.

Plans and specifications may be obtained from the architect's office upon deposit of \$15.00.

Bid must be accompanied by bid bond of 5% of bid. 15

BIDS OPENED

SAN FRANCISCO—A. M. Hardy, 776 Clementina St., at \$5,294 submitted low bid for general construction and Scott Co., Inc., 243 Minna St., at \$2,707 submitted low bid for plumbing work to the Department of Public Works, City Hall for construction of Toilet building at Burnett school, Newcomb Ave. and Lane Street.

Complete bids follow:
General Work

A. M. Hardy, \$5,284.
 M. E. Vukicevich, \$5,429.
 Frank J. Reilly Co., \$5,431.
 Peter Sartorio, \$5,650.
 H. L. Peterson Const. Co., \$5,792.
 Webster Jeffers, \$6,340.
 Anderson & Ringrose, \$6,584.
Plumbing Work
 Scott Co., Inc., \$2,707.
 Skelly & Kohler, \$2,992.
 Herman Lawson Co., \$3,063.
 E. Sugarman, \$3,094.
 Von Tagen Plumbing Co., \$3,177.
 Anderson & Rowe, \$3,179.
 Henry Ernst & Sons, \$3,261.
 O'Mara & Stewart, \$3,300.

Bids Wanted — To Close Sept. 27, 8 P. M.

SCHOOL. Est. cost, \$25,000
GONZALES, Monterey Co., Calif.
 Frame addition to high school to contain science classroom and girls' locker and shower room.
 Owner—Gonzales Union High School District.
 Architect—Chas. E. Butner, 7 Winham St., Salinas.
 Plans and specifications may be obtained from the architects office upon deposit of \$35.

Contract Awarded

RECONSTRUCT SCHOOL
 Cont. Price, \$9,422
DECOTO, Alameda Co., Calif., near Hayward.
 Reconstruction of Decoto Grammar School.
 Owner—Decoto Grammar School District.
 Architect—Clark and Clark, 310 University Ave., Palo Alto.
 Contractor—D. W. Nicholson, 357 12th St., Oakland.
 Contract awarded subject to approval of PWA.

BIDS OPENED

MARYSVILLE, Yuba Co., Calif.—The Allyn L. Burr Co., 2417 28th St., Sacramento, at \$3,489 submitted low bid to the Marysville Elementary School District, D. W. Beatie, Clerk, for construction of new roofs for the Marysville Elementary School Buildings located on corner of 7th and F Streets, Marysville.
 Plans prepared by Architect Chas. F. Dean, Sacramento.
 Complete bids were:
 The Allyn L. Burr Co., \$3,489.
 Tom Nealon, \$3,500.
 Sacramento Roofing & Insulating Co., \$3,743.
 Jack Johnson, \$3,994.

BIDS WANTED

COLTON, San Bernardino Co., Cal.—Until Sept. 20, 7:30 P. M., bids will be received by the Colton Union High School District for construction of a reinf. concrete science and classroom building at Colton high school, a PWA project. Est. cost, \$70,000
 Harry L. Pierce, architect, 1443 Mt. Pleasant St., Los Angeles;
 Martin Pohl, structural engineer, Fuller Bldg., San Bernardino. Plans obtainable at office of high school, Donald McIntosh, principal, upon deposit of \$25. 15

Bids Wanted — To Close Sept. 22, 8 P. M.

GYMNASIUM BLDG. Est. cost, \$55,000
NORTH SACRAMENTO, Sacramento Co., Calif. Grant High School.
 First unit of high school plant consisting of one-story frame with steel trusses, gymnasium bldg. to seat 1800; (second unit consists of 12 room one-story addition including cafeteria, hand & choral rooms, domestic science and art rooms, etc.).
 Owner—Grant Union High School District.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications on first unit of work may be obtained from the architect upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid, payable to Ernest L. McKinnon, Clerk of the Board of Trustees and will be opened in the Assembly Room, at the high school.

Working drawings are now being completed on the second unit of work.

Bonds were voted recently in the

amount \$150,000, which proceeds, together with PWA grant will finance construction of entire project est. at \$250,000.

Bids Wanted — To Close Sept. 23, 8:15 P. M.

SCHOOL.
BRENTWOOD, Contra Costa Co., Cal.
 One-story frame and stucco school building (15 classrooms) and demolition of existing structures.
 Owner—Brentwood Deer Valley Grammar School District.
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Plans and specifications are now available from the architect's office upon deposit of \$20, returnable. PWA grant of \$45,000 recently allotted to aid in financing construction of new school building and earthquake proofing existing building at an estimated cost of \$100,000.

BIDS WANTED

ROSEMEAD, Los Angeles Co., Cal.—Until Sept. 19, 7:15 P. M. (bids to be opened at 7:30 P. M.), bids will be received by Rosemead School District, 1400 Muscatel St., Rosemead, for construction of an auditorium and classroom addition to the Rio Hondo school, SE corner of Rio Honda Ave. and De Adalena Sts., Rosemead. Plans obtainable at office of Architects, Marsh, Smith & Powell, 508 Architects' Bldg., L. A.; \$20.00 deposit; 5% to accompany bid. * 15

CONTRACT AWARDED

TUCSON, Ariz.—E. A. Dow, 1017 N. First Ave., Tucson, awarded contract by School District No. 1, Pima County, Ariz., at \$22,722 for constr. of additions to Government Heights and Mission View schools in Tucson. M. H. Starkweather, architect, 40 W. Congress St., Tucson. * 15

CONTRACT AWARDED

GILROY, Santa Clara Co.—Scott Roofing Co., Pine Street, Santa Cruz, at \$229 submitted low bid and was awarded contract for new built-up roofing on the Gilroy High School Gymnasium, Gilroy. Plans by architect Harold H. Weeks, San Francisco.
 Complete bids were:
 Scott Roofing Co., Santa Cruz, \$229 (built-up roof) \$385 (copper roof).

California Roofing Co., San Jose \$292 (J. M. R415).
 Fred Hayden, San Jose \$399 (built-up roof).

Bids Wanted — To Close Sept. 19, 2 P. M.

SCHOOL BLDGS. Cost, \$368,000
EVERETT, WASHINGTON.
 (A) Four units comprising one auditorium-Gym Bldg (\$240,000); (B) one grade School Bldg. (\$50,000); (C) one Gym Bldg. (\$48,000) and (D) additions and alterations to High School (\$30,000).

Owner—Everett School District, G. D. Reeves, Secretary.
 Architect—Earl W. Morrison, Textile Tower, Seattle.

Plans and specifications obtainable from the architect upon deposit of \$25, returnable. * 15

LOW BIDDER

LOS ANGELES CO.—E. C. Nesser, 4822 W. Jefferson Blvd., L. A., submitted low general contract bid to L. A. Board of Education at \$149,350 for constr. of a 2-story, class A classroom bldg. at Ralph Waldo Emerson Jr. High School, 1650 Selby Ave., W. L. A., a PWA project. * 15

Low Bidders
GYMNASIUM, ETC.
SHANDON, San Luis Obispo Co., Calif.

Construction of (A) gymnasium, and (B) farm shop building, Shandon Union High School (1-story frame construction).

Owner—Shandon Union High School District (W. H. Offerman, Clerk) Shandon.

Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.

Low Bidder: F. C. Stolte Co., 203 Pine St., Pacific Grove, \$30,000.

Second low bid submitted by Theo Maino, San Luis Obispo, at \$30,349.

Sub-Contracts Awarded
AUDITORIUM & CLASSROOM
Cont. Pr., \$46,498

DELANO, Kern Co., Calif.
One-story reinforced concrete auditorium and classroom addition to Delano Elementary School.

Owner—Delano Elementary School District.

Architect—Franklin & Kump, Jr., Haberfelde Bldg., Bakersfield.

Contractor—T. C. and W. H. Irwin, 908 Mildreda St., Fresno.

Steel—Kyle & Co., 346 C St., Fresno.

Steel Sash & Kalamein Doors—Healey & Popovich, 818 Helm St., Fresno.

Concrete—M. Madsen, 247 Maple, Fresno.

Lumber—King Lumber Co., Delano.

Millwork—Fresno Planing Mill, H & Monterey Sts., Fresno.

Roofing & Insulation—Kern County Roofing Co., 427 E. 21st St., Bakersfield.

Glass & Glazing—Valley Glass Co., 2220 Inyo St., Fresno.

Plastering—Wilbur M. Bishop, 1029 Mill St., Porterville.

Hardware—Bakersfield Sandstone Brick Co., 501 Sonora St.

Painting—Eddy Paint Co., 224 W. Putnam Ave., Porterville.

Sheet Metal—Z. Z. Dowd, 4334 Illinois Ave., Fresno.

Wiring—Ryder Electric Co., Porterville.

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 26, 2 P. M., bids will be received by the L. A. Board of Education for a two-story reinf. concrete classroom bldg. (180x60 ft.), to be built at the Norwood St. school, 4975 Norwood St., a PWA project. Est. cost, \$105,000. Plans were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. Work includes the demolition of the main bldg. and ground improvements. Separate bids will be taken on the general work, plumbing, heating, painting and electric wiring. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 29, 2 P. M., bids will be received by the L. A. Board of Education for a two-story, class A reinf. concrete school bldg. (268x60 ft) to be built at the Trinity St. school, 3814 Trinity St., a PWA project. Est. cost \$16,000. Roland E. Coate, architect, 701 Architects' Bldg.; Paul E. Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer; A. S. Nibecker, Jr., architect. Separate bids will be taken on the general work, plumbing, heating and venting, painting and electric wiring. 15

BIDS WANTED

MOJAVE, Kern Co., Calif.—Until Sept. 22, 7:30 P. M., bids will be received by the Mojave School District for a community bldg. to be built in Mojave, a PWA project.

Plans and specifications may be obtained from Architect A. Zimmerman, 611 Architects' Bldg., L. A., upon deposit of \$25. Certified or cashier's check or bond of 5% required. Est. cost \$60,000. 15

LOW BIDDER

BARSTOW, San Bernardino Co., Calif.—O. K. Earl, Jr., 900 E. Foothill Blvd., Altadena, submitted low base bid to Barstow Union High School District, at \$137,900, for construction of the dressin room and locker bldg., assembly-gym and cafeteria bldg. at Barstow high sch., a PWA project. Bids held under advisement until next week. E. Chas. Parke, architect, 1 Fuller Bldg., San Bernardino.

BIDS OPENED

RECONSTRUCT SCHOOL
DECOTO, Alameda Co., Calif., near Hayward.

Reconstruction of Decoto Grammar School.

Owner—Decoto Grammar School District.

Architect—Clark and Clark, 310 University Ave., Palo Alto.

Low Bidder—D. W. Nicholson, 357 12th St., Oakland, \$9,422.

Complete bids follow:
D. W. Nicholson, Oakland, \$9,422.

Carl N. Swenson Co., San Jose, \$9,590.

F. C. Stolte Co., Alameda, \$14,829.

Bids taken under advisement.

BIDS REJECTED

KERN COUNTY, Calif.—The Mountain View School District, W. H. Clendenen, Clerk, rejected all bids for construction of a frame addition to the Mountain View School in Kern County, as bids were not advertised long enough and were illegal. Plans prepared by Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

F. A. Greenough, 2931 22nd Street, Bakersfield, submitted previous low bid.

BIDS OPENED

KERN COUNTY, Calif.—Following bids were submitted August 28, 9 P. M., to the Rosedale Union High School District, Kern County, for furnishing and installing fixtures and equipment:

Light Fixtures

Sam Finerhut, 1818 M Street, Bakersfield, \$301.

Wasco Electric Shop, \$353.24.

Mill Work

Hayward Lumber Company, \$741.60.

Metal Partitions

Hayward Lumber Co., \$431.

E. Dwan, \$567.

Bakersfield Sandstone Brick Co., \$600.

Finish Hardware

Bennett Montgomery Hardware \$664.35.

Hayward Lumber Co., \$711.52.

Blackboards and Pinning Space American Seating Co., \$414.51.

Hayward Lumber Co., \$445.

School Equipment Co., \$461.85.

Bids for heating equipment taken under advisement.

BID OPENING POSTPONED

TULARE COUNTY, Calif.—Until September 22, 11 A. M., (bid opening date postponed from September 19), bids will be received by the Strathmore Elementary School District for the construction of a new school building at Strathmore, a PWA project. Plans are available at the office of H. L. Gogerty, architect, 6272 Yucca Street, Hollywood. It will be a 1 story frame and stucco structure, containing 10 classrooms, library, cafeteria and assembly room. Estimated cost, \$110,000. * 15

Contracts Awarded

LABORATORY BUILDING
DAVIS, Yolo County, Calif.
Enology Building on campus of Branch of College of Agriculture. Owner—Regents of the University of California, Berkeley.

Plans by Engineering Department of Grounds and Building Department. Contractor—Campbell Construction Co., 800 R St., Sacramento, \$41,464.

Plumbing and Heating—Scott Co., Inc., 243 Minna St., S. F., \$11,528.

Electric Wiring—Kerr and Clifford, 4010 Foothill Blvd., Oakland, \$3,860.32.

Refrigeration—York Ice Machine Co., 1275 Folsom St., S. F. \$6,750.

Bids Wanted—To Close Sept. 26, 7:30 P. M.

SCHOOL BLDG. Cost, \$50,000

SALINAS, Monterey Co., Calif.

Construction of Agricultural bldg. for high school.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., S. F.

PWA grant recently allotted will aid in financing construction. Plans and specifications obtainable from the architect's office upon deposit of \$25.

Plans Completed

SCHOOL Est. cost, \$227,000

GRASS VALLEY, Nevada Co., Calif.

High school building to contain five classrooms and gymnasium; reinforced concrete construction.

Owner—Grass Valley Union High School District.

Architect—Harry Devine, Cronan Bldg., Sacramento.

The Grass Valley Union High Sch. District voted bonds recently in the amount of \$125,000.

Plans at State Division of Architecture awaiting approval.

Contract Awarded

ADDITION. Cont. Pr., \$37,657

SALINAS, Monterey Co., Calif.

First unit, addition to the Junior College, consisting of five classrooms and offices.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., S. F.

Contractor—P. T. Wallstrum, 854 Main St., Monterey.

Preparing Working Drawings

ADDITION Cost, \$10,000

SACRAMENTO COUNTY, Calif. N. of Sacramento.

Two classroom addition to grammar school.

Owner—Del Paso Heights Grammar School District.

Architect—Clarence C. Cuff, 1315 Q St., Sacramento.

The school district recently voted bonds in the amount of \$5,500, which proceeds, together with PWA grant will finance construction.

Preparing Working Drawings

GYMNASIUM Est. cost, \$24,000

DOWNIEVILLE, Sierra Co., Calif.

One-story frame gymnasium bldg.

Owner—Downieville School District. Architect—Clarence C. Cuff, 1315 Q St., Sacramento.

PWA grant allotted in the amount of 4% of cost. Balance of funds on hand.

Funds Allotted
SCHOOL Cost, \$71,000
SAN MATEO, Calif., Baywood School.
 Construction of new school building to contain five classrooms and kindergarten room, cafeteria room, nurses and book room.
Owner—San Mateo Grammar School District.

Architect—W. H. Toepke, 74 New Montgomery Street, Thomas M. Edwards, 9 Geary Street and H. A. Schary, 605 Market Street, San Francisco.

PWA grant allotted in the amount of \$34,650, which funds, together with bonds recently voted will finance construction.

Plans are being completed and will shortly be forwarded to State Division of Architecture for approval.

Contract Awarded
ADDITION. Cont. Pr., \$14,494
MONTEREY CO., Cal., near Soledad. Addition of two classrooms and enlarging auditorium (frame and stucco construction).

Owner—Mission Grammar Sch. District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.
Contractor—Albert Staton, 144 Pine St., Salinas.

Preparing Plans
SCHOOL BLDGS.
FRESNO, Fresno Co., Calif., Lowell School.

One-temporary classroom unit and double classroom unit of frame construction.

Owner—Fresno City Board of Education.

Architect—Fred L. Swartz, Brix Building, Fresno.

16—BANKS, STORES AND OFFICES

Bids In
ALTERATIONS
SAN FRANCISCO, 230 Jones Street. Interior alterations to building.

Owner—Musicians Union Building.
Architect—George A. Applegarth, Russ Building, S. F.

Bids are in and being held under advisement for one week.

Preparing Plans
REMODEL BUILDING
GRANTS PASS, Oregon, SE H & 5th Streets.

Remodel present building into department store.

Owner—C. A. Winetrout.
Lessee—Montgomery Ward & Co.
Architect—Plans by Eng. Dept. of Lessee.

Preparing Working Drawings
MEDICAL BUILDING
BERKELEY, Ala. Co., Calif.

Two-story frame and stucco doctors' office building.

Owner—Withheld.
Architect—John E. Dinwiddie, 360 Pine Street, San Francisco.

Sub Contracts Awarded
BANK Contr. Price, \$19,928.00
JACKSON, Amador Co., Calif. Main Street.

One-story and mezzanine modern bank bldg., (reinforced concrete construction, central heating and ventilating system, modern low type banking fixtures, etc.); 40-ft. frontage, 5,000 sq. ft.)

Owner—Capital Company, 625 Market Street, San Francisco.
Plans prepared by Construction Department of Owner.

Contractor—O. J. Scherer, Angels Camp.

Roofing—Allen Burr Co., 2417 28th St., Sacramento.

Electric Wiring—Sonora Electric Co., Sonora.

Heating—Robt. Hanson, Modesto.
Tile Work—Fischer Tile & Marble Co., 1219 Jay Street, Sacramento.

Glass—W. P. Fuller and Co., 1013 12th Street, Sacramento.

Terrazzo—Valley Terrazzo and Marble Co., 4115 Berkshire Ave., Sacramento.

Lumber—Jackson Lumber Co., Jackson.

Mill Work—Hogan Lumber Co., 2nd and Alice, Oakland.

Hardware—Palace Hardware Co., 581 Market St., S. F.

Lathing and Plastering—Clyde C. Parson, Colorado, Modesto.

BIDS IN
LOS ANGELES, Calif.—Bids received by the Railway Express Agency, 85 Second Street, San Francisco, for finishing the office portion of their building on the new Union Terminal site in Los Angeles, are being held under advisement for about one week. * 16

Funds Rejected
STORE BLDG. Cost \$.....
NAPA, Napa Co., Calif. Second and Coombs Streets.

One-story steel and brick store bldg. (30x110-ft.).

Owner—Lincoln Market.
Plans by C. Leroy Hunt, 989 Second St., Napa.

Following contractors figured plans:

E. W. Doughty, P. O. Box 236, Napa.

Coffield & Arnitz, 429 Franklin St., Napa.

J. H. Vienop, R. F. D. 2, Box 2284, Napa.

Bids received Sept. 12 were rejected and new bids will be asked shortly.

Bids In — Held Under Advisement.
STORE BUILDING.
SAN FRANCISCO, 19th Avenue and Irving Street.

Two-story frame store and office building.

Owner—Pacific States Savings & Loan Co.

Architect—Albert F. Roller, Crocker First National Bank Bldg., S. F. Announcement shortly.

Sub-Contracts Awarded
DRIVE-IN-MARKET Cost, \$25,000
YREKA, Siskiyou Co., Calif.

One-story modernistic market bldg. **Owner**—Purity Store, Inc.

Plans by Eng. Dept. of Owner.
Contractor—Younger Bros., Inc., Cheda Bldg., San Anselmo.

Plumbing—G. T. Forsberg, 553 N. Main St., Yreka.

Elec. Wiring—Electric Supply Co., Miner St., Yreka.

Glass—Valley Glass Co., 702 S. San Joaquin, Stockton.

Lumber—Builders Supply Co., 390 9th St., S. F.

Millwork—Henry Hess Co., 310 Sansome St., S. F.

Hardware—Chas. Boegershausen, 2828 California St., S. F. 16

Contract Awarded
PHYSICIANS BLDG. Cost, \$10,000
SAN JOSE, Santa Clara Co., Calif., S. E. cor. 14th & Santa Clara St.

Physicians building and apartment house.

Owner—G. Tuggle.
Architect—Chas. McKenzie, Twoby Bldg., San Jose.
Contractor—Wm. H. Schwartz, 521 S. 8th St., San Jose.

17— THEATRES

Preparing Working Drawings
REMODEL THEATRE
ANGELS CAMP, Calaveras Co., Cal.

Remodel present theatre building. **Owner**—Harvey Amusement Co., 291 Golden Gate Ave., S. F.

Architect—Frederick W. Quandt, 401 Phelan Bldg., S. F.

Upon completion of plans work will be done by day labor.

Bids Opened
THEATER
REDDING, Shasta County, Calif.

One-story and balcony brick theater building.

Owner—T. & D., Jr. Enterprises, Inc., 25 Taylor Street, S. F.

Architects—Jorgensen & Deichmann, 321 Bush Street, San Francisco.

Low bidder: Sallih Bros., 25 Taylor St., S. F., \$35,000.

Moore & Roberts, S. F., \$37,450.
 A. J. Hopper, Oakland, \$38,835.
 Hendricks Const. Co., \$41,000.

J. P. Brennan, Redding, \$47,606.

18— WHARVES & DOCKS

Contract Awarded
DOCKS, PAVING, ETC.
YREKA BUENA SHOALS, Treasure Island.

Construction of three fueling docks, ramp and one passenger landing, and paving, etc., for air base.

Owner—Pan-American Airways, Alameda and San Francisco.

Plans by Engineering Department of Owner.

Contractor—Duncanson Harrelson Co., De Young Bldg., S. F.

Paving—J. H. Fitzmaurice, 2857 Hannah St., Oakland.

19—MISC. CONSTRUCTION

BOND ELECTION
EL CENTRO, Imperial Co., Calif.

The Imperial Irrigation District will vote Sept. 30 on a proposal to incur a bonded indebtedness in the sum of \$1,045,000 and the acceptance of a PWA grant in the sum of \$855,000 to provide for the development of power from the All-American canal supplementary projects. State Engineer Edw. Hyatt has reported to the securities commission that the "cost will be justified by the benefits and the project as a whole is financially sound." * 19

TO START WORK
BURBANK L. A. Co., Calif.—Walt Disney Productions, 2719 Hyperion Ave., L. A., will start work within a week on the construction of the first bldg. of a studio group on a 5-acre site at Alameda and Buena Vista, Burbank, for seif. Work will be done by the company's construction forces under the supervision of Wm. E. Garity, chief engineer. Plans for the improvements are being prepared at the studios under the supervision of F. Scott Crowhurst. The first bldg. will be a frame and stucco warehouse to be used temporarily as construction headquarters. The complete plant will consist of 15 bldgs, including an art school, paint mixing dept., workshops, sound stages, theater and administration bldg., to be built during the course of the next year. 19

BIDS OPENED
LONG BEACH, L. A. County, Cal.

Chas. W. Pettifer, 703 W. 14th St., Long Beach, submitted low bid to the Long Beach Harbor Commission, at \$369,449, for construction of a

steel frame passenger and freight transit shed (120x992 ft.) on Pier "A" Outer Harbor, a PWA project. Plans prepared by R. D. Van Alstine, structural engineer, 410 E. 9th St., Long Beach. Other bids were: Wm. P. Neil Co., \$369,900; J. E. Burell & Son, \$376,770; H. Mayson, \$383,000; J. K. Thomas, \$384,800; H. M. Baruch Corp., \$386,484; Halper Constr. Co., \$387,775; Ford J. Twaits Co., \$391,764; R. E. Campbell, \$398,675; Andy Sordal, \$415,116.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO—Roberts Mfg. Co., 1366 Sutter Street, San Francisco, at \$125.94, 2% 10 days, submitted low bid to the Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 760 Market St., under Bid No. 1357, for furnishing electric lighting fixtures; f.o.b. bidders shipping point.

Total bids follow:

Roberts Mfg. Co., 1366 Sutter St., S. F., \$125.94, 2% 10 days.
 Calif. Elec. Sup. Co., \$143.39, 2% 10 days.
 Alfred J. Casella, \$155.35, 2% 10 days. * 20

CONTRACT AWARDED

FORT MASON, Calif.—Monarch Iron Works, 262 Seventh Street, San Francisco, at \$2,286, 1/2% 30 days submitted low bid and awarded contract by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco, under Bid No. QM-W-6616-39-15, for furnishing all misc. metal work required for the construction of a War Department Theatre at the Presidio of San Francisco.

Total bids follow:

Monarch Iron Works, 262 Seventh St., S. F., \$2,286, 1/2% 30 days
 P. Kern and Sons Iron Works, \$2,450, 1% 30 days
 Industrial Ornamental Iron, Bronze and Wire Works, \$2,546, 1% 10 days.
 Star Ornamental Iron Works, \$2,653, net.
 Arnke Iron Works, \$2,840, 1% 10 days.

Federal Ornamental Iron & Bronze Co., \$2,891, net.

Michel and Pfeffer Iron Works Inc., \$3385, net. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Southwestern Portland Cement Co., at \$24,000, was awarded contract by U. S. Engineer, L. A., for furnishing Portland cement. Inv. 133. * 20

CONTRACT AWARDED

SACRAMENTO, Calif.—A. Teichert and Son Inc., P. O. Box 1113, Sacramento, at \$6.95 per cu. yd. awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for 500 cu. yds. transit mix concrete. * 20

BIDS WANTED

SACRAMENTO, Calif.—Sacramento Co., Calif.—Until Sept. 23, 8:15 P. M. bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for Filtration Plant Repairs located at Sacramento.

Plans and specifications may be obtained from the City Clerk upon deposit of \$25.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Patrick Lumber Company at \$662.55, 2% 10 days, fob Junction City, Ore., awarded contract by the Forest

Service Supply Depot, Frank Haynie Supply Officer, Government Island, under Bid No. 6106, for furnishing structural Douglas Fir lumber for Rag Dump Bridge. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Monolith Portland Cement Co. at \$79,000, disc. 10c bbl., 30 days, was awarded contract by the U. S. Engineer, Los Angeles, for 50,000 barrels of portland cement fob Monolith; Invt. 140. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Co., at \$2,643.48; 1/2 of 1%, 10 days, was awarded contract by the U. S. Engineer, Los Angeles, for 4,000,000 lbs. reinf. steel bars; Invt. 132. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—California Portland Cement Co., at \$14,000, was awarded contract by U. S. Engineer, L. A., for 75,000 bbls. Portland cement f.o.b. Colton. Invt. 139. * 20

BIDS OPENED

SAN FRANCISCO—Central Foundry Co., 386 Fourth Ave., New York, at \$1774.13 (1) \$805.98; (2) and \$14.60 (3), submitted only bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2078, for furnishing (1) 175 lbs. universal joint cast iron pipe; (2) 150 lbs. universal joint cast iron pipe and (2) bell and spigot cast iron pipe; fob San Francisco Airport. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Southern Pacific Co. at \$750 was awarded contract by U. S. Engineer, L. A., for rental of 6 pair steel bridge girders. Invt. 138. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Phelps-Dodge Copper Products Co. at \$91,649.90 was awarded the contract by the L. A. Water & Power Commission for black copper rod. Spec. 2697. Bids were opened July 19. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—General Cable Corp. at \$1,223,274.45 awarded the contract by the L. A. Water & Power Commission for furnishing overhead hollow copper transmission line conductor, Spec. 2688, for use in the construction of the third circuit to Boulder. The bids were opened July 19. The order involves 4,100,000 ft. of conductor. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 75,000 lbs. fabricated steel and other metal work for superstructures for the Rosecrans Ave. bridge over Compton Creek, Invt. 128, opened by U. S. Engineer, L. A. are:

Bethlehem Fabricators, Inc., \$65584 lb., \$4188 deliv.
 Bethlehem Steel Co., \$6635 lbs., \$4762.50 deliv.

Kyle Steel Constr. Co.—1/4 of 1% 10 days—\$598 lb., \$445 deliv.

Mt. Vernon Bridge Co., \$3995 lb., \$2962.50 f.o.b. Mt. Vernon, Ohio.

Clinton Bridge Works—1/2 of 1% 20 days—0.037 lb., \$2775 f.o.b. Clinton, Iowa.

Consolidated Steel Corp., \$0497 lb., \$3727.50 deliv.

Minneapolis-Moline Power Implement Co., \$0473 lb., \$3547.50 f.o.b. Minneapolis.

Apex Steel Corp.—Disc. 1/4 of 1% 20 days—\$0671 lb., \$5032.50 deliv.

Columbia Steel Co., \$0458 lb., \$3435 f.o.b. Memphis, Tenn.

Western Pipe & Steel Co., \$0525

lb., \$3937.50 deliv.

Penn Iron & Steel Co.—Disc. 1/2 of 1% 30 days—\$0473 lb., \$3547.50 deliv.

Western Iron & Metal Co.—Disc. 1/4 of 1% 20 days—\$0464 lb., \$3450 deliv.

CONTRACT AWARDED

WASHINGTON, D. C.—Contracts for Portland cement, f.o.b. bidder's shipping points for general use for various departments of the Army were awarded by War Dept. Q. M. Div., Washington, D. C., as follows:

Riverside Cement Co., T. A. 5000 bbls. at \$1.70 bbl. in paper sacks and \$1.90 bbl. in cloth sacks.

Superior Portland Cement Co. of Seattle, 10,000 bbls. at \$2.70 bbl. in paper sacks and \$2.90 bbl. in cloth sacks.

Pacific Portland Cement Co., San Francisco, 20,000 bbls. at \$1.737 bbl. in paper sacks and \$1.97 bbl. in cloth sacks.

BIDS OPENED

SAN FRANCISCO—Berkeley Steel Construction Co. Inc., 2nd and California Streets, Berkeley, at \$4,340, 1/2 of 1% 10 days submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 668-39-87, for steel doors, gudgeons, and hinge pins; f.o.b. Port Cronkhite, Marin Co.

Star Ornamental Iron Works, at \$569.40, 1% 10 days, submitted only other bid. * 20

BIDS WANTED

SAN FRANCISCO—Until Sept. 19, 2:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Sale No. 15, for the sale of certain items of unserviceable property, including draghead dredge, gasoline engines, motors, batteries, hammers, furnaces, tanks, etc. Items for sale may be seen at the U. S. Engineer Storehouse, Foot of Marina Blvd., Presidio of San Francisco.

CONTRACTS AWARDED

SAN FRANCISCO—Calif. Screw Co., 74 Clementina St., at \$38.19 (Lot 1) and Harron Rickard and McConne Co., 2070 Bryant St., at \$138.50 (Lot 2) awarded contracts by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-39-84, for furnishing (1) 1560 bolts and (2) 2250 cinch anchors; f. o. b. Fort Funston, S. F. * 20

BIDS WANTED

SACRAMENTO, Calif.—Until Sept. 20, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-67, for furnishing and delivering misc. castings etc., as follows:

- (1) 1 main cutter shaft gear;
- (2) 1 intermediate shaft gear;
- (3) 1 miller shaft;
- (4) 2 swing wire guide spools;
- (5) 3 split water ring castings;
- (6) 12 runner shaft coupling bolts;
- (7) 5 dredge pump head liners (engine side);
- (8) 5 dredge pump head liners (suction side);
- (9) 5 dredge pump suction mouth-piece liners;
- (10) 2 eccentric strap castings (main circulator).

F.O.B. Rio Vista, Calif.
 Plans and specifications may be obtained from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 1.—Bridges | 30.—Reservoirs and Dams |
| 2.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 27.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS OPENED

FORT MASON, Calif.—Pacific Mfg. Co., 454 Montgomery St., San Francisco, at \$926 submitted low bid to the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-13, for furnishing all interior and exterior milled woodwork, including window and door screens for the construction of a War Department Theatre at the Presidio of San Francisco.

Total bids follow:

- Pacific Mfg. Co., 454 Montgomery St., S. F., \$926.00.
- Herring and Nutting, \$1647.00.
- Central Mill and Cabinet Co., \$1700.
- Lannon Bros. Mfg. Co., Oakland, \$1714.00.
- R. Brandelin & Co., \$2164.00.
- J. A. Hart Mill and Lumber Co., \$2594.00.
- Acme Mfg. Co., Inc., \$2610.00. * 21

BIDS WANTED

SANTA ANA, Orange Co., Calif.—September 23, 11 A. M., bids will be received by the Orange County Supervisors for constructing a bridge across the Santa Ana River, near Prado in Riverside County in accordance with plans and specifications prepared by the Flood Control Engineer, M. N. Thompson. Specifications obtainable upon payment of \$3.00, not returnable. Bidders must be prequalified. Certified or cashier's check for 10%. The items are:

- (1) 13,456 lin. ft. 102-lb. per ft. struct. steel "H" beam bearing pile, per lin. ft.;
- (2) Constr. six reinf. concr. piers and constr. two reinf. concr. abutments, lump sum;
- (3) 12,474 lin. ft. driving Sec. Z P 38 or Sec M Z-38 steel sheet piling, per lin. ft.;
- (4) 12,500 cu. yds. compacted embank in place, per cu. yd.;
- (5) 1920 tons derrick sized riprap on tonnage basis. * 21

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until September 19, 11:00 A. M., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the extension of the reinforced concrete bridge on the Willow Springs Road Bridge, over Llagas Creek in Supervisors District 1, Santa Clara County, Calif.

Plans and specifications may be obtained from the above office upon the deposit of \$1.00. * 21

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, Calif.—Clifford A. Dunn, Box 431, Klamath Falls, Oregon, at \$173,320 (Schedule 1 — concrete abutments, piers, pedestals, etc.) awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 792, for the construction of the Sacramento River Bridge, first crossing, relocated S. P. Railroad, Kennett Division, Central Valley Project.

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif.—Byerts and Dunn, 1131 N. Orange Grove Avenue, Los Angeles, at \$28,142 awarded contract by the State Division of Highways, Sacramento, for the construction of a reinforced concrete slab bridge consisting of three 22-ft. 0-inch spans and two 17-ft. 6-inch spans on concrete bents and abutments with steel pile foundations across the Middle Fork of San Timoteo Creek about one mile northwest of Beaumont; and about 0.8 miles grading and surfacing with plant-mixed surfacing, Riverside Co., Calif. * 21

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, Calif.—American Bridge Company, Pittsburgh, Pa., at \$569,100 (Sch. 2— fabricating, erecting and painting) awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 792, for construction of the Sacramento River Bridge, first crossing, relocated S. P. Railroad, Kennett division, Central Valley Project.

As previously reported Clifford A. Dunn, Klamath Falls, Oregon, at \$173,320, was awarded contract under Schedule 1, concrete abutments, piers, pedestals, etc. * 21

CONTRACT AWARDED

SANTA BARBARA AND SAN LUIS OBISPO COUNTIES, Calif.—E. G. Berham, 1128 Stearns Drive, Los Angeles, at \$10,320, awarded contract by the State Division of Highways, Sacramento, for reconstruction of a timber bridge across Cuyama River and grading and surfacing with plant-mixed surfacing the west approach, about 35 miles east of Santa Maria, Santa Barbara and San Luis Obispo Counties, Calif. * 21

BIDS WANTED

HUMBOLDT CO., Cal.—Until Sept. 23, 2:00 P. M., bids will be received by the State Division of Highways, E. R. Green, Acting District Engineer, 546 Washash Avenue, Eureka, for repairing a reinforced concrete bridge across Old River about 2 mi.

south of Fernbridge, Humboldt Co., Calif.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Dan Caputo, 401 Illinois Ave., San Jose, at \$690 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk Court House, San Jose, for the repair of the Metcalf Road Bridge over the Coyote Creek in Supervisor's District No. 1 and 2, Santa Clara Co., Calif.

Bert Ward & Son, San Jose, at \$1,250 submitted only other bid. * 21

BIDS OPENED

SAN DIEGO, Calif.—V. R. Dennis (Construction Co., 3911 5th Ave., San Diego, at \$33,341.95, submitted the low bid to the San Diego county supervisors for the construction of a combination pile trestle and wood-truss bridge across the San Luis Rey River on County Road Survey No. 674. The other bids were:

- W. H. Barber, San Diego, \$37,732-35.
- M. H. Golden, San Diego, \$42,000.
- B. G. Carroll, San Diego, \$49,594.
- Lebens Curtis, San Pedro—not read, received too late.
- W. E. Robertson, L. A.—not read, received too late. * 21

BID REJECTED

SIERRA CO., Calif.—The State Division of Highways rejected the bid of Paul J. Tyler, Oroville, at \$99,666 (the only bid submitted) for construction of one 120-ft. steel truss span on concrete piers, and two 49-ft. girder spans on concrete bents across the North Fork of the Yuba River at Downville and approximately 0.5 miles grading, surfacing with untreated crushed gravel or stone and applying seal coat, Sierra County.

Bridge will be repaired by the State Maintenance Division. New bids will be readvertised at a much later date. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

LOW BIDDERS

PUGET SOUND, Wash.—General Construction Co., Seattle, at (1) \$2-117,500; (2) \$1,911,800; (3) \$2,090,900, and (4) \$1,885,400, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8533, for a concrete graving dock at the Navy Yard Puget Sound. Estimated cost, \$4,500,000.

Second and third low bids follow: Parker-Schram Co., Portland, (1) \$2,142,000; (2) \$1,992,000; (3) \$2,147,000; (4) \$1,997,000.

Utah Const. Co., San Francisco, (1) \$2,410,000; (2) \$2,210,000; (3) \$2,400,000; (4) \$2,200,000.

Complete bids will be published shortly. * 22

BIDS OPENED

SAN FRANCISCO—Chas. D. Warner, 247 Waterford Road, Modesto, at \$1400 (\$2.00 per yd.) submitted only bid to the S. F. Public Utilities Commission, Rm. 287, City Hall,

Capital City
Title Company

•

JAMES E. BANCROFT
Manager

•

801 J Street
Sacramento : California

under Hetch Hetchy Water Supply Contract No. 179, for riprap facing at San Joaquin Valve House. 22

CONTRACTS AWARDED

SACRAMENTO, Calif.—Hemstreet & Bell, 501 11th St., Marysville, at \$31,947 (Schedule A) and Geo. R. Patterson and E. H. Ryder, 1415 S. San Joaquin St., Stockton, at \$24,381.80 were awarded contracts by the U. S. Engineer Office, District Engineer, 208 Post Office Building, Sacramento, under Bid No. 1105-39-7 for raising, strengthening and setting back the existing levee along the east levee of the Feather River in Reclamation District No. 784. 22

BIDS OPENED

HUMBOLDT CO., Calif.—Frank Contracting Co., 305 Bocana Street, San Francisco, at \$286,922.93 submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-39-75, for dredging about 2,185,247 cu. yd. materials in Humboldt Bay, as follows:

(a) Eureka channel from deep water in Humboldt Bay about 2600 feet southwest from the Echo Board on the shoal extending southerly from Indian Island to the foot of N Street, Eureka, extended;

(b) Samoa Channel from deep water in Humboldt Bay about 3000 feet southwest from the above Echo Board to deep water off the Hammond Redwood Company Wharf at Samoa;

(c) Fields Landing (Hookton) Channel, from the Beacon on Buhe Spit Shoal to a point about 800 feet southwest from the above Echo end of the Pacific Lumber Company wharf at Fields Landing. Total bids follow:

Frank Contracting Co., 305 Bocana St., S. F., \$0.181 per cu. yd., total \$286,922.93. *Alt. \$0.119.
Hydraulic Dredging Co. Ltd., Oakland, \$0.1625, total \$355,102.64. *\$0.136.
San Francisco Bridge Co., \$0.175, total \$382,419.23. *\$0.1595.
*Alternate price if funds are available to complete work.

BIDS WANTED

SEATTLE, Wash.—Until October 3, 3:00 P. M., bids will be received by the U. S. Engineer Office, 754 Central Building, Seattle, for dredging about 65,000 cu. yds. material from Hylebos Waterway, Tacoma Harbor, Wash.

Plans and specifications may be obtained from the above office.

BIDS OPENED

BONNEVILLE, Oregon—Leonard and Slate, Multnomah, at \$9,500 submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-15, for clearing the channel of Umatilla River between Yeakum and Nolin, Oregon. Work involves:

(1) 1 job clearing and grubbing;
(2) 40,000 c. y. excavation.
Total bids follow:
Leonard & Slate, Multnomah, (1) \$300; (2) \$0.23, total \$9,500.
J. C. Papin, Carson, (1) \$2100; (2) \$0.195, total \$9,900.
F. J. Kernan, North Portland, (1) \$2,000; (2) \$0.21, total \$10,400.
Newport Const. Co., Portland, (1) \$700; (2) \$0.245; total \$10,550.
J. A. Terteling & Sons, Boise, (1) \$3,900; (2) \$0.22; total \$12,700.
Homer G. Johnson, Portland, (1)

\$2,000; (2) \$0.27; total \$12,800.
White's Trucking Co., Walla Walla, (1) \$1,200; (2) \$0.33; total \$14,400.
Siems-Spokane Co., Spokane, (1) \$1,000; (2) \$0.34; total \$14,600.
Geo. Schmitt Const. Co., Portland, (1) \$948.50; (2) \$0.44; total \$18,548.50.
Colonial Const. Co., Spokane, (1) \$3,000; (2) \$0.40; total \$19,000.00.
Government Estimate, (1) \$910; (2) \$0.415, total \$17,510. 22

BIDS OPENED

SEATTLE, Wash.—Puget Sound Bridge and Dredging Co., 2929 16th Ave., S. W. Seattle, at \$68,089.20 (\$0.138 per c. yd.) submitted low bid to the U. S. Engineer Office, 754 Central Bldg., Seattle, for dredging about 493,400 c. y. materials in Olympia Harbor, Wash.

Tacoma Dredging Co., Tacoma, at \$69,569.40 (\$0.141 per cu. yd.) submitted only other bid. 22

COMPLETE BIDS

MARION COUNTY, Ore.—F. J. Kernan, Portland, at \$39,280.70 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-98 for clearing, bank sloping, gravel excavation, gravel borrow and construction of approx. 3250 lf. stone riprap revetment, located in the Lower Santiam Dist. Imp. Co., Location No. 2, Marion Co., Ore.

Total bids follow:
F. J. Kernan, Portland.....\$39,280.70
Kern & Kibbe, Portland..... 44,465.00
Homer G. Johnson, Portland..... 45,266.50
Jacobson Bros., Portland..... 46,495.00
Babler Bros., Portland..... 46,760.00
Joplin & Elion, Portland..... 47,057.00
Leonard & Slate, Multnomah 52,529.00
Constr. Officer's Est..... 49,869.70 22

COMPLETE BIDS

MARION COUNTY, Ore.—Kern & Kibbe, Portland, at \$89,961.80 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-96, for clearing, bank sloping, gravel borrow, excavation Typing 1 and excavation Type 2, and the construction of approx. 3,400 feet of rock riprap revetment located at 3 sites in the lower 2½ miles of the Santiam River in the Lower Santiam Dist. Imp. Co., Marion Co., Ore.

Total bids follow:
Kern & Kibbe, Portland.....\$ 89,961.80
Babler Bros., Portland..... 98,756.50
Joplin & Elion, Portland..... 114,949.00
J. C. Papin, Carson..... 115,199.00
H. G. Johnson, Portland..... 119,077.00
Parker-Schram, Portland..... 120,382.00
Leonard & Slate, Multnomah 128,076.00
Sam Orino, Portland..... 151,864.00
Constr. Officer's Est..... 112,897.92 22

BIDS WANTED

LONG BEACH, L. A. County, Calif.—Until Sept. 21, 10 A. M. bids will be received by the Long Beach Bd. of Harbor Commissioners for constructing earth dike and dredging, Spec. H. D. 50.002, involving:
(1) Construction of an earth dike, extending westerly from Pier 'E,' a distance of 800 ft. more or less, containing approx. 32,000 c. y.;
(2) Dredging approx. 420,000 c. y. from areas noted on plans to be dredged, and depositing same as specified.

Specifications may be obtained from D. A. Marshall, Port Manager, 170 S. Pico Ave., Long Beach. Certifier check or bank draft or bond for 10% must accompany each proposal. 22

23—CANALS

BIDS OPENED

OXNARD, Ventura Co., Calif.—Ray Schwetzer, 1843 E. 58th Pl., L. A., at \$46,487.54 submitted the low bid to the Oxnard Drainage District, Oxnard, and was recommended to the PWA for the award of contract for constructing canals, ditches and misc. structures, PWA Project, in accordance with plans prepared by the engineer, S. Gerald Bennett. The items are:

- (1) 300,000 c. y. excav. ditch;
 - (2) 3000 c. y. struc. excav.;
 - (3) 210 c. y. class A concrete;
 - (4) 6780 lf. treated D. F. piles;
 - (5) 720 lf. untreated D. F. piles;
 - (6) 10,000 bf. ft. untreated D. F. sheet piling;
 - (7) 10 ea. tide gates, 36-in.;
 - (8) 173 lf., No. 7 ga. welded steel pipe, 36-in.;
 - (9) 700 lf., 24-in. C. M. P.;
 - (10) 6 tons misc. bridge hdvcs.;
 - (11) 21 tons plant mix surf.;
 - (12) 1500 lf. 4-in. drain tile;
- The unit prices of the low bid were:

- (1) 5.5c, (2) 50c, (3) \$24.15, (4) \$11.15, (5) 85c, (6) \$119.04, (7) \$160.10, (8) \$108.10, (9) 40c, (10) \$89.20, (11) \$6.56, (12) \$2.00, (13) \$14.82, (14) \$9.46, (15) 55c.

The totals of the other bids were: T. G. Smith and E. G. Perham, \$52,478.

Spicer & Thompson, L. A., \$56,060.
C. G. Willis & Sons, L. A., \$57,189.60.

W. E. Callahan Constr. Co., L. A., \$58,333.

Dimmitt & Taylor, L. A., \$68,218.
R. R. Bishop, Long Beach, \$70,761.
J. Immel, Ventura, \$71,318.35.
Radich & Brown, Burbank, \$75,563.10.

V. R. Dennis Constr. Co., San Diego, \$81,834.50.

Shannah Bros., L. A., \$89,575.

Claude Fisher Co., Ltd., \$89,979.

Chas. J. Johnson and Nick Perscalle, \$99,830.15.

J. E. Haddock, Ltd., Pasadena, \$109,425.20. 23

BIDS WANTED

GILA PROJECT, Ariz.—Until October 6, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Federal Building, Yuma, Arizona, under Spec. No. 800, for the construction of structures, Gravity Main canal, Station 30 to Station 946 plus 70, Gila Project, located near Yuma, Ariz.

Work involves:
(1) 14,440 cubic yards excavation for structures.

- (2) 256,110 cubic yards excavation for canal, channels, road and roughing out excavation for structures.
- (3) 33,640 cubic yards compacted earth lining.
- (4) 7,110 cubic yards uncompact earth lining.
- (5) 980 cubic yards compacted sub-base.
- (6) 41,800 cubic yards rock fill.
- (7) 6,750 cubic yards rock fill about siphon barrel.
- (8) 7,180 cubic yards compacted backfill.
- (9) 9,487 cubic yards concrete.
- (10) 5,430 square yards dry-rock paving.
- (11) 7,600 cubic yards riprap.
- (12) Placing 1,726,700 lbs. reinforcement bars.
- (13) Placing 1,228 lin. ft. rubber water stops.
- (14) Placing 2,005 square feet elastic joint-filler material.
- (15) Draving 227,500 lbs. steel sheet piling.

- (16) Erecting 5.0 feet B. M. timber in bridge and timber ralling.
 - (17) Installing 143,700 lbs. gates, gate hoists and operating and control mechanisms.
 - (18) Placing 940 cwt. bituminous material in float drums.
 - (19) Installing 79,300 lbs. pipe and miscellaneous metalwork.
 - (20) Installing electric conduit, conductors and apparatus.
- Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$3.50 not returnable.

- (31) 94 M. feet b. m. erecting timber in bridges;
- (32) 80 lin. feet laying 15-inch diam. concrete pipe;
- (33) 440 lin. feet laying 18-inch diam. concrete pipe;
- (34) 320 lin. feet laying 24-inch diam. concrete pipe;
- (35) 5,200 lbs. installing gates and gate hoists;
- (36) 4,800 lbs. installing miscellaneous metalwork.

This invitation for bids does not cover the purchase of materials which will be furnished by the Government. Materials to be furnished by the contractor, and those furnished by the Government are described in the specifications which will be a part of the contract.

Plans and specifications may be obtained from the above address upon payment of \$3 per copy; no charge to prospective bidders. Proposal guarantee 10%. * 23

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—As previously reported, until September 30, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 801, for the construction of earthwork, canal lining and structures, Contra Costa Canal Station 638 plus 00 to station 1066 plus 00 and earthwork and structures, Los Medanos wasteway, Delta Division, Central Valley Project, Calif. Work is located near Antioch, Calif.

Work involves:

SCHEDULE No. 1
Earthwork, canal lining, and structures, Contra Costa canal, station 638 plus 00 to station 780 plus 00 and earthwork and structures, Los Medanos wasteway.

- (1) 375,000 cubic yards excavation for canal and wasteway;
- (2) 68,000 sta. cubic yards overhaul;
- (3) 18,000 cubic yards compacting embank;
- (4) 6,600 cubic yards excavation for struc.
- (5) 46,500 square yards trimming foundations for concrete lining;
- (6) 23,500 cubic yards backfill;
- (7) 4,800 cubic yards puddling or tamping backfill;
- (8) 2,700 cubic yards concrete in structures;
- (9) 3,840 cubic yards concrete in canal lining;
- (10) 565,000 lbs. placing reinforcing bars;
- (11) 525 sq. yards dry-rock paving;
- (12) 60 M ft. b. m. erecting timber in bridges;
- (13) 1,625 lin. feet constructing 4-in. diam. underdrains with uncemented joints;
- (14) 100 lin. ft. laying 4-inch diam. sewer pipe with cemented joint.
- (15) 80 lin. feet laying 15-inch diam. concrete pipe;
- (16) 100 lin. feet laying 18-inch diam. concrete pipe;
- (17) 160 lin. feet laying 24-inch diam. concrete pipe;
- (18) 5,000 lbs. installing gates and gate hoists;
- (19) 3,800 lbs. installing miscellaneous metalwork;

SCHEDULE No. 2
Earthwork, canal lining, and structures, Contra Costa canal, station 780 plus 00 to station 1066 plus 00.
(20) 260,000 cubic yards excavation for canal;

- (21) 80,000 station cubic yards overhaul;
- (22) 44,000 cubic yards compacting embank;
- (23) 6,200 cubic yards excavation for structures;
- (24) 93,200 square yards trimming foundations for concrete lining;
- (25) 12,000 cubic yards backfill;
- (26) 4,300 cubic yards puddling or tamping backfill;
- (27) 1,700 cubic yards concrete in structures;
- (28) 7,710 cubic yards concrete in canal lining;
- (29) 725,000 lbs. placing reinforcing bars;
- (30) 450 sq.yards dry-rock paving;

BIDS OPENED

SAN FRANCISCO—Butte Tractor and Equipment Company, at \$225 per month net (\$2,669.50 optional purchase price) submitted low bid to the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 1018 Phelan Bldg., San Francisco, under Bid No. 1356 for rental of one diesel powered tractor of the full track laying type complete with cable operated trailbluider and power unit equipped with extra cable drum; f.o.b. Redding, Calif. Smith Booth Usher Co., at \$500 per month (\$4,500 optional purchase price) submitted only other bid. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland Port Commission, Room 73, foot of Grove St., Oakland, for one 3-ton gas engine forklift dock truck; f.o.b. Outer Harbor Terminal, Oakland. Bids were:

- Ira G. Fagin, \$4,324.
- Clark Siefert Tool Corp., \$4,568.70.
- Baker-Rauland, Cleveland, \$4,325.
- Ait. \$3,913.50. * 25

BIDS WANTED

DENVER, Colo.—Until Oct. 10, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 802, for furnishing and delivering (1) three 11,500-horsepower, 257-r.p.m., vertical-shaft, single-runner, Francis-type, hydraulic turbines; three oil-pressure, actuator-type governors; and three 9,000-kv-a, 6,900-volt, 60-cycle, 90% power factor, 257-r.p.m., vertical-shaft, alternating-current generators, each complete with direct-connected, main exciter and pilot exciter, thrust and guide bearings, for the Elephant Butte power plant, Rio Grande project, New Mexico-Texas; (2) and two 15,000-horsepower 257-r.p.m., vertical-shaft, single-runner, Francis-type, hydraulic turbines; two oil-pressure, actuator-type governors; and two 10,000-kv-a, 6,900-volt, 60-cycle, 90% power factor, 257-r.p.m., vertical-shaft, alternating-current generators, each complete with direct-connected, main exciter and pilot exciter, thrust and guide bearings, for the Green Mountain power plant, Colorado-Big Thompson project, Colorado. F.o.b. shipping point and/or railroad destination. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.00 not returnable. * 25

CONTRACTS AWARDED

SAN BERNARDINO, Calif.—Contracts for the rental of miscellaneous equipment awarded by the city council were:

Geo. Herz & Co, 1 1/2-yd dragline for 300 hours or more, \$7.85 hour.

American Concrete & Steel Pipe Co, 1 1/2-yd dragline for 300 hours or more at \$8.00 per hour.

Pacific Crane & Rigging, Inc., one RD-8 Diesel with Carryall, \$8.45, and 50c. total \$8.95 hour.

Bids on all other items were rejected. * 25

BIDS OPENED

SAN DIEGO, Calif.—Bids for furnishing a tractor f. o. b. San Diego, Reg. 5034, Quot. No. 8953, opened by the State Purch. Agt., Sacramento, were:

Weaver-Rye Tractor Co., \$5829.24; discount \$95.86 30 days.

Crook Co., \$5513.53; net.

LeRoi-Rix Machinery Co., \$5500; discount \$25, 30 days. * 25

BIDS WANTED

BOISE PROJECT, Idaho.—Until Sept. 28, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1123-D, for the construction of structures, D-Line canal laterals 18.7 to 24.3 Payette division, Boise Project, Idaho.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$2.50 per copy not returnable.

24—STREET LIGHTING

BIDS WANTED

MARCH FIELD, Riverside Co., Cal.—Until October 11, 10 A. M. bids will be received by the Constructing Quartermaster, March Field, for South and East Floodlight installations at March Field. Copies of the plans may be obtained upon deposit of \$5. Proposal must be accompanied by a bid bond or certified check for 10% payable to Finance Officer, Ft. MacArthur, Calif. John B. Cassidy, Major, Q. M. Purchasing and Contracting Officer. * 24

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Peters-Perish, Wisconsin, at \$18,540 awarded contract for the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing one 85-ft. aerial ladder motor truck. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-71, for furnishing and operating six dump trucks for 180 hours along the Sacramento River levee in the vicinity of Meridian, Cal. Bids were:

Cottrell & Macgraci, Los Angeles, \$2.10 per hour.

K. I. Dowdy, San Francisco, \$2.14.

W. C. Railing, Menlo Park.

Paul Entremont, Colusa, \$2.35.

Western Trucking Co., Inc., L. A., \$2.50.

Hemstreet & Bell, Marysville, \$2.50.

L. E. Sprig, Long Beach, \$2.50.

Volna Bros., Fresno, \$2.50.

Water Tedesco, Huntington Park, \$2.60.

J. R. Reeves, Sacramento, \$2.62.

Allen Estlund, Redding, \$2.70.

Claude C. Wood, Lodi, \$3.20.

BIDS OPENED

ALAMEDA CO., Calif.—Irving Schwartz, 343 Gerard St., S. F., at \$1.69 per hour submitted low bid to the State Division of Highways, Jno. H. Steggs, District Engineer, District IV, Room 211, State Building, San Francisco, for rental of one 1000 gallon capacity water truck for 600 hours use in Alameda County, Calif.

Total bids follow:
Irving Schwartz, 343 Gerard St., S. F., \$1.69.
P. Sutso, \$1.74.
Portola Truck Service, \$1.875.
Burnt Skibo, \$1.99.
Lee J. Immel, Berkeley, \$2.20.
N. M. Ball Sons, Berkeley, \$3.25

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of (1) one 90-100 H. P. tractor bulldozer, and (2) one 1 c.y. shovel, for use in Topanga Canyon for a period of approximately 12 working days, opened by the State Highway Department, L. A., were as follows:

R. E. Cambell—tractor bulldozer Caterpillar 1936, \$6.95 hour.
John Murillo—Caterpillar RD-8 1937, \$7.75 hour.
A. S. Vinnel Co.—one 1½-yard Northwest shovel, rebuilt 1936, \$7.49 hour.

BIDS WANTED

OAKLAND, Calif.—Until September 21, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Spec. No. 50, for furnishing at lift pumping equipment for Camp Pardee Pumping Plant.

Bids will be taken on:

- (1) Lump sum, one air lift pump consisting of foot piece and deflector delivered at Valley Springs.
- (2) 2 air compressors with motors and V-belt drives, delivered at Valley Springs.

Plans and specifications may be obtained from the above office. * 25

BIDS REJECTED

YOSEMITE NATIONAL PARK, Calif.—Superintendent Lawrence C. Merriam, Yosemite National Park, rejected all bids for rental of one ½ to 1 cu. yd. hand dipper power shovel with operator for 400 hours use on the New Tioga Road, Yosemite National Park.

R. E. Hazard and Son, San Diego, at \$6.85 submitted low bid.

BIDS OPENED

SAN FRANCISCO.—Smith Booth Usher, at \$38.00 per month (\$1,000 optional purchase price) submitted low bid to the U. S. Forest Service Regional Office, F. C. Brown, Procurement Officer, 1013 Phelan Bldg., under Bid No. 1352, for rental of one gasoline powered portable air compressor unit having actual delivery of 55 cu. ft. air per minute at a pressure of 100 lbs. per sq. ft.

Pneumatic Machinery Co., at \$75 per month (\$1025 optional purchase price) submitted only other bid.

BID OPENED

SAN LUIS OBISPO, Calif.—John Fesler, Santa Maria, at \$7.00 per hr. submitted only bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Figueroa St., San Luis Obispo, for rental of one crane equipped with a ¼ cu. yd. clam-shell bucket and mounted on a truck for intermittent maintenance work in the vicinity of Los Alamos, Buelton or Lompoc.

25

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 7, 10:00 A. M. bids will be received by Metropolitan Water District, L. A., for operation valves for the Palms Verdes feeder of the Colorado River Aqueduct, Spec. 288. Bids will be received on:

SCHEDULE 1

Two automatic pressure regulating assemblies, complete with operating mechanism and all appurtenances.

Three only 24-in. manually-operated reseating conical plug type shutoff valve assemblies.

One 24-in. automatically-operated reseating conical plug type emergency check and shutoff valve assembly.

Two 12-in. manually-operated reseating conical plug type shutoff valve assemblies.

Two 14-in. same.

Two 16-in. same.

SCHEDULES 2A OR 2G

Four automatic pressure relief assemblies complete with operating mechanisms and all appurtenances.

SCHEDULE 3

Services of erecting engineers. Under Sched group 2, alt. bids will be received for assemblies with (2A) angle needle or (2G) globe type valves. * 25

BIDS OPENED

COLUMBIA BASIN PROJECT, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. 788, for furnishing and delivering two 14,000 H. P. 400-r.p.m., vertical-shaft, single-runner, Francis-type, hydrolic turbines; two oil-pressure governors; and two 12,500-kv-a., 6,900-volt, 60-cycle, eight-tenths power factor 400-r.n.m., vertical shaft, alternating-current generators, each complete with direct-connected main exciter and pilot exciter and thrust and guide bearings, for installation in the Grand Coulee power plant, Columbia Basin Project, Wash. Appurtenas will be installed by the Government, F.o.b. shipping point and/or Oquir Wash.

Bids were:

S. Moran, York, Pa., (1) \$122,500, wt. 315,260, f.o.b. York; (2) \$19,236, wt. 22,000, f.o.b. Rockford, Ill.; net.
Allis-Chalmers Mfg. Co., Milwaukee, (1) \$116,700, wt. 290,000, f.o.b. West Allis, Wis.; (3) \$200,125, wt. 193,000, net.

The Pelton Water Wheel Co., San Francisco, (1) \$106,498, wt. 300,000, f.o.b. E. (2) \$19,236, wt. 22,000; f.o.b. Rockford, Ill., net.

Newport News Shipbuilding & Dry Dock Co., Newport News, (1) \$108,850, wt. 250,000; f.o.b. Newport News; net.

Woodward Governor Co., Rockford, (2) \$19,236, wt. 22,000; net; f.o.b. Rockford.

Westinghouse Electric & Mfg. Co., Denver, (1) \$193,450, wt. 404,000; net; f.o.b. Pittsburgh, Pa.

General Electric Co., Schenectady, (3) \$197,016, wt. 410,000; net; f.o.b. Schenectady. * 25

BIDS OPENED

SACRAMENTO, Calif.—R. P. Easley Antich, at (1) \$11.75, (2) \$11.75 and (3) \$100 submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-39-70, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers and Tributary channels.

Bids taken on:

(1) Price per hour for time dredge

is working;

- (2) Price per hour for time dredge is held idle;
- (3) Mobilization and demobilization of dredge.

Franks Contracting Co., San Francisco, (1) \$12.75, (2) \$12.75, (3) \$200, submitted only other bid. * 25

BIDS OPENED

FORT MASON, Calif.—Healy-Tibbits Construction Co., 1 Drum St., San Francisco, at \$12.00 per hour, net, (\$4,000 optional purchase price) submitted low bid to the Construction Quartermaster, San Francisco and vicinity, Fort Mason, under Bid No. QM-WV-6616-39-19, for rental for 75 hours of one pile driver for driving steel pile for foundations at Presidio of San Francisco.

Total bids follow:

Healy-Tibbits Const. Co., 1 Drum St., S. F., \$12.00 per hr. Optional purchase price \$4,000. Net.

M. B. McGowan Inc., \$18.00 per hr. \$8.00, % 10 days.

E. W. Peterson, \$19.00 per hour. \$4,000. Net.

Ben C. Gerwick Inc., \$19.71 per hour. \$12,500. Net. * 25

BIDS OPENED

SAN FRANCISCO.—Smith Booth Usher Co., at \$225 per month (\$5195 optional purchase price), net, submitted low bid to the U. S. Forest Service Regional Office, F. C. Brown, Procurement Officer, 1013 Phelan Bldg., under Bid No. 1350, for rental of one tractor trallbulder unit consisting of a diesel-powered tractor net less the 12,000 lbs. complete with cable controlled trallbulder attachments.

Total bids follow:

Smith Booth Usher Co., \$225 per month; \$5195 optional purchase price.

The Rol Rix Co., \$443.65 per month; \$49,965.75 optional purchase price.

Shelburne Tractor & Equipment Co., \$900 per month; \$5064 optional purchase price. * 25

CONTRACT AWARDED

OAKLAND, Calif.—Ira G. Perlin, 200 Davis St., San Francisco, at \$4,224 awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for one 3-ton gas engine fork lift dock truck; f.o.b. Outer Harbor, Terminal, Oakland. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-54, for furnishing and delivering misc. castings, etc., as follows:

- (1) 2 booster pump casings fitted with casing wear rings;
- (2) 6 dredge pump bushings;
- (3) 6 dredge pump outer wearing rings;
- (4) 6 dredge impeller inner wearing rings;
- (5) (a) 4 30-inch open chock; (b) 6 30-inch cleat;
- (6) 1 booster pump connection;
- (7) 4 booster pump suction mouth-piece;
- (8) 6 booster pump liner plates;
- (9) 4 booster pump water rings;
- (10) 6 booster pump wear rings;
- (11) 1 lot rough iron castings;
- (12) 12 fabric lugs.

F.o.b. Rio Vista.

Complete bids follow:

Independent Foundry Co. (1) \$253.99; (2) \$53; (3) \$45.42; (4) \$56.26; (5) (a) \$30.01; (b) \$24.67; (6) \$243.02; (7) \$199.19; (8) \$105.55; (9) \$5.50; (10) \$26.21; (11) \$8; (12) \$5.27.

General Metals Corp., Oakland, (2)

\$56.80; (3) \$37.80; (4) \$42.50; (5) (a) \$10; (b) \$20; (c) \$188.50; (7) \$269.90; (8) \$127.80; (10) \$23.65; (12) \$4.60.
Golden Gate Miners Iron Works, San Francisco, (1) \$1045; (2) \$59.50 (3) \$54.90; (4) \$54.40; (6) \$203.80; (7) \$225.40; (8) \$128.40; (10) \$26.30.
Monarch Foundry Works, Sacramento, (2) \$65; (3) \$45.50; (4) \$44.50 (5) (a) \$25.75; (b) \$22.80; (6) \$175; (10) \$34.60; (12) \$6.65.

Apex Bronze Foundry, (9) \$515.
Union Machine Co., San Francisco, (1) \$1316; (2) \$63; (3) \$49; (4) \$46; (5) (a) \$33; (b) \$28; (6) \$185; (7) \$244; (8) \$123; (9) \$8; (10) \$24; (11) \$14; (12) \$6.
Neptune Machine Wks, San Francisco, (2) \$58; (3) \$52; (4) \$48; (10) \$26.00.

Pacific Coast Engr. Co., Oakland, (2) \$71; (3) \$48; (4) \$48; (5) (a) \$34; (b) \$22; (6) \$260; (10) \$33; (12) \$63.

Stockton Iron Works, Stockton, (1) \$1055; (2) \$60.35; (6) \$255; (7) \$305; (8) \$118.50; (10) \$65.

Bethlehem Shipbuilding Corp., Ltd. San Francisco, (1) \$1385; (2) \$70; (3) \$65; (4) \$65; (5) (a) \$35; (b) \$33; (6) \$245; (7) \$255; (8) \$170; (9) \$8; (10) \$40; (11) \$8; (12) \$ 6.20.

M. Greenberg's Sons Brass Foundry & Machine Works, San Francisco, (9) \$360.

General Engr. & Dry Dock Co., San Francisco, (all totals) (1) \$2382 (2) \$395; (3) \$345; (4) \$345; (6) \$195 (7) \$1195; (8) \$875; (10) \$315.

25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept. 49 Fourth St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:
BID No. 6032—Richmond Sanitary Co.: \$559.27; 2% 130; pipe and fittings.
BID No. 6031—Henry Cowell: \$2.49; \$1491; net; Portland cement.

BID No. 6026—John Cassaretto: \$848.05; 4%-30; crushed rock.

BID No. 6025—Hayward Bldg. and Supply: \$545.10; net; \$0.069; emuls. asphalt.

BID No. 6023—(A) Forsyth Hardwood: \$168.96; 2%-20; (B) E. D. Swift: \$163.80; 2%-30.

BID No. 6010—Pac. Truck Service: \$0.064; \$252; net; emuls. asphalt. * 27

BID CALL CANCELLED

SAN FRANCISCO.—U. S. Treasury Department, 49 Fourth Street, cancelled the call for bids under Bid No. 6073 for concerting of two freight elevators into passenger elevators. Bids were called for Sept. 20, 10:00 A. M. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:
BID No. 5982—Sterling L. C.: \$0.725; \$362.50; net; Portland cement.
BID No. 5992—Diamond Match Co.: \$0.735; \$588; net; Portland cement.
BID No. 5998—Contra Costa Bldg. Mat. Co.: \$0.675; \$864; Portland cement. * 27

BIDS WANTED

SAN FRANCISCO.—Until Sept. 21, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

BID No. 6074: 500 sacks of Portland cement; fob Grass Valley;
BID No. 6075: 125 bbls. Portland cement; fob Eureka;
BID No. 6076: 650 tons crushed rock and 1000 tons of concrete sand; fob Sunset nr. Skyline Blvd., San Francisco;
BID No. 6077: 2560 sacks of Portland cement; fob Sunset nr. Skyline Blvd., San Francisco. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:
BID No. 6017: Richmond Sanitary Co.: \$654.08; 2% 30; pipe and fittings.
BID No. 6013: Loop Lumber Co.: \$662.80; 2% 30; lumber.
BID No. 6011: Swastika L. C.: \$414; 2½c per sack; 30; Portland cement.
BID No. 6009: E. K. Wood: \$711.73; 2% 30; lumber.
BID No. 6006: Calif. Steel Products: \$248; 2% 30; steel tanks (2).
BID No. 5994: Richmond Sanitary: \$392.71; 2% 30; pipe and fittings.
BID No. 5999: San Leandro Rock Co.: \$1020; 1% 20; rock.
BID No. 6003: Superior Rock Co.: \$197.50; 2% 30; rock.
BID No. 5997: United Pipe & Supply: \$558.08; various disc; pipe.
BID No. 5995: Wickwire Spencer Steel: \$1889.85; net; fence.
BID No. 5991: Mohawk Pet. Co.: \$3,716.40; 2% 20; \$4.89; liq. asph.
BID No. 5989: South City Lumber & Supply: \$399.50; 2% 30; mill-work.
BID No. 5987: Perry L. C.: \$1168.98; 2% 30; lumber.
BID No. 5986: M. J. Murphy: \$1619.04; 2% 30; lumber.
BID No. 5985: E. D. Swift: \$442.53; 2% 30; lumber.
BID No. 5978: Baker, Hamilton & Pacific: \$378.03; ½ of 1% 30; steel.
BID No. 5975: J. W. Mumbert: \$405.20; 2% 30; concrete pipe. * 27

BID No. 6013: Loop Lumber Co.: \$662.80; 2% 30; lumber.
BID No. 6011: Swastika L. C.: \$414; 2½c per sack; 30; Portland cement.

BID No. 6009: E. K. Wood: \$711.73; 2% 30; lumber.

BID No. 6006: Calif. Steel Products: \$248; 2% 30; steel tanks (2).

BID No. 5994: Richmond Sanitary: \$392.71; 2% 30; pipe and fittings.

BID No. 5999: San Leandro Rock Co.: \$1020; 1% 20; rock.

BID No. 6003: Superior Rock Co.: \$197.50; 2% 30; rock.

BID No. 5997: United Pipe & Supply: \$558.08; various disc; pipe.

BID No. 5995: Wickwire Spencer Steel: \$1889.85; net; fence.

BID No. 5991: Mohawk Pet. Co.: \$3,716.40; 2% 20; \$4.89; liq. asph.

BID No. 5989: South City Lumber & Supply: \$399.50; 2% 30; mill-work.

BID No. 5987: Perry L. C.: \$1168.98; 2% 30; lumber.

BID No. 5986: M. J. Murphy: \$1619.04; 2% 30; lumber.

BID No. 5985: E. D. Swift: \$442.53; 2% 30; lumber.

BID No. 5978: Baker, Hamilton & Pacific: \$378.03; ½ of 1% 30; steel.

BID No. 5975: J. W. Mumbert: \$405.20; 2% 30; concrete pipe. * 29

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:
September 20, 10:00 A. M.
BID No. 6081—Cast iron tees, ell, wrought iron pipe, bushings and valves; f.o.b. Ft. McDowell, S.F.
BID No. 6082—1920 sacks Portland Cement; f.o.b. Dinuba, Cal.
September 21, 10:00 A. M.
BID No. 6085—120 drinking fountains; f.o.b. 633 7th Street, San Francisco.
September 22, 10:00 A. M.
BID No. 6086—50 fire extinguishers; f.o.b. 633 7th St., San Francisco. * 27

BID No. 6081—Cast iron tees, ell, wrought iron pipe, bushings and valves; f.o.b. Ft. McDowell, S.F.
BID No. 6082—1920 sacks Portland Cement; f.o.b. Dinuba, Cal.

BID No. 6085—120 drinking fountains; f.o.b. 633 7th Street, San Francisco.

BID No. 6086—50 fire extinguishers; f.o.b. 633 7th St., San Francisco. * 27

BID No. 6081—Cast iron tees, ell, wrought iron pipe, bushings and valves; f.o.b. Ft. McDowell, S.F.

BID No. 6082—1920 sacks Portland Cement; f.o.b. Dinuba, Cal.

BID No. 6085—120 drinking fountains; f.o.b. 633 7th Street, San Francisco.

BID No. 6086—50 fire extinguishers; f.o.b. 633 7th St., San Francisco. * 27

BID No. 6081—Cast iron tees, ell, wrought iron pipe, bushings and valves; f.o.b. Ft. McDowell, S.F.

BID No. 6082—1920 sacks Portland Cement; f.o.b. Dinuba, Cal.

BID No. 6085—120 drinking fountains; f.o.b. 633 7th Street, San Francisco.

BID No. 6086—50 fire extinguishers; f.o.b. 633 7th St., San Francisco. * 27

BID No. 6081—Cast iron tees, ell, wrought iron pipe, bushings and valves; f.o.b. Ft. McDowell, S.F.

No. Wash. 1304-F, King County, involving about 4,910 cubic yards excavation, 14,200 cubic yards selected roadway borrow, 11,655 tons Type I-1, asphaltic concrete, 489 lin. ft. pipe culverts and other items. \$101,600 available.

Plans and specifications available from above office upon the deposit of \$2.00.

CONTRACT AWARDED

LYON COUNTY, Nev.—Silver State Construction Company, Inc., Fallon, at \$26,145.25 submitted low bid and awarded contract by the Nevada State Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a roadmix bituminous surface on approximately 12.10 mi. of the State Highway System from 8½ miles north of Wabuska to Junction with U. S. Route 50, Route 2B and LB, Section B and A, Lyon County, Nevada.

Dodge Construction Inc., Fallon, at \$26,661.75 submitted second low bid. Complete bids will be published shortly. * 29

LOW BIDDER

PIMA COUNTY, Ariz.—E. L. Yeager, at \$61,397, submitted low bid to the Arizona Highway Commission, Phoenix, for highway improvement on FAS 120-C, (1) (1939). AFE 8510. A-to-Gila Bend Highway. The work, which begins at Ajo and extends northward about 4½ miles consists of grading, draining and bituminous treated base course and is to be completed on or before March 15, 1939. * 29

CONTRACT AWARDED

GREENLEE COUNTY, Ariz.—All Arizona Engineering & Constructing Company, Clifton, Arizona, at \$38,441.40 awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading and placing cushion materials on approximately 6.15 miles, Section B of Route 19, Clifton-Ajo National Forest Highway, Crook National Forest, Greenlee County, Ariz. * 29

LOW BIDDERS

NAVAJO COUNTY, Ariz.—W. E. Orr Construction Co., Phoenix, at \$50,846.50 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, for grading about 3.175 miles, Section B of Route 17 the Snowflake-Pinetop National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz.
Three low bids follow:
W. E. Orr Constr. Co., Phoenix, \$50,846.50.
H. J. Hagen, Globe, \$56,794.50.
Lewis Bros., Phoenix, \$59,051.75. * 29

H. J. Hagen, Globe, \$56,794.50.
Lewis Bros., Phoenix, \$59,051.75. * 29

BIDS WANTED

STATE OF WASHINGTON—Until Sept. 20, 10:00 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Director of Highways, Olympia, for bridge and highway construction, as follows:

Douglas Co.: Clearing, grading, draining, surfacing and constructing a light bituminous surface treatment and treated pile and timber trestle on about 19.3 miles of Primary State Highway No. 2, Douglas to Baird, U. S. Public Works Project, No. Wash. 1548-F, in Douglas Co., Wash., involving about 165,310 cu. yd. of excav., 67,150 cu. yd. of ballast, 70,800 cu. yd. of crushed stone surfacing, 42 MBM. of treated timber and lumber, 1,040 lf. of treated timber piling, 636 tons of

bituminous cement, 3,026 lft. of pipe culverts and other items.

Grant Co.: Clearing, grading, draining, surfacing and constructing a railway undercrossing and a light bituminous surf. treatment on about 18.5 miles of Primary State Highway No. 7, Enhrata to Stratford vicinity, U. S. Public Works Project No. 1415-F, Units 1 and 2, in Grant County, Wash., involving about 351,630 cu. y. of excav., 19,920 cu. y. of ballast, 48,590 cu. y. of crushed stone surfacing, 324 cu. y. of concrete, 36,670 lbs. of steel reinforcing bars, 127,600 lbs. of structural steel, 960 lft. of steel piling, 610 tons of bituminous cement, 10 MBM. of treated timber and lumber, 1,839 lft. of pipe culverts and other items.

Wahkiakum Co.: Clearing, grading, draining, surfacing and constructing a steel swing bridge with reinforced concrete approaches on about 0.9 mi. of Primary State Highway No. 12, Skamokawa West—Section 2, U. S. Public Works Project No. Wash. 1396-F, in Wahkiakum Co., Wash., involving about 34,755 cu. y. of excav., 1,560 cu. y. of ballast and 1,640 cu. y. of crushed stone surfacing on roadway from stockpiles, 954 cu. y. of concrete, 81,000 lbs. of steel reinforcing bars, 205,000 lbs. of carbon and 83,000 lbs. of silicon structural steel, 35 MBM. of treated timber and lumber, 760 lft. of untreated and 590 lft. of treated piling, 680 lft. of steel piling, 42,100 lbs. of machinery, 940 lft. of pipe culverts and other items.

Okanogan Co.: Constructing six reinforced concrete girder bridges, total length 2,186 ft., on Primary State Highway No. 16, Methow to Carlton Bridges, U. S. Public Works Project No. Wash. 1392-F (Unit 2), in Okanogan Co., Wash., involving about 5,165 cu. y. of structure excav., 5,906 cu. y. of concrete, 1,334,000 lbs. of steel reinforcing bars, 26,425 lft. of untreated timber piling, 388 lft. of pipe culverts and other items.

Lincoln Co.: Ballasting and surfacing on about 13.0 miles of Secondary State Highway No. 2-G, Rear-dan to Edwall, U. S. Public Works Project No. Wash 1553-F, Unit 2, in Lincoln Co., Wash., involving about 36,500 cu. y. of selected roadway borrow and 19,550 cu. y. of crushed stone surfacing.

Whitman Co.: Clearing, grading, draining, surfacing and constructing a treated pile and timber trestle on about 11.4 mi. of Secondary State Highway No. 11-C, Steptoe West, U. S. Public Works Project No. Wash 1553-F (Unit 1), in Whitman Co., Wash., involving about 178,890 cu. y. of excavation, 2,620 cu. y. of shoulder material, 76,310 cu. y. of crushed stone surfacing, 11 cu. y. of concrete, 1,610 lbs. of steel reinf. bars, 8 MBM. treated and 1 MBM. of untreated timber and lumber, 550 lft. of treated timber piling, 3,690 lft. of pipe culverts and other items.

Skaigt County: Clearing, grading, draining and surfacing of about 0.7 mi. of Secondary State Highway No. 17-A, Rockport East, U. S. Public Works Project No. Wash. 1341-F (Unit 1) in Skaigt Co., Wash., involving about 9 acres of clearing, 59,310 cu. y. of excav., 6,190 cu. y. of selected roadway borrow, 2,780 cu. y. of crushed stone surfacing, 3,039 lft. of cable guard rail design No. 6, 523 lft. of pipe culverts and other items.

Jefferson Co.: Clearing, grading, draining and surfacing of about 5.3 mi. of Primary State Highway No. 9, Crocker Lane to Quilcene, Federal Aid Project No. 136-B (2), in Jefferson Co., Wash., involving about 12 acres of clearing, 139,140 cu. y. of excavation, 42,940 cu. y. of selected roadway borrow, 11,300 cu. y. of crushed

stone surfacing, 117 cu. y. of concrete, 20,310 lbs. of steel reinforcing bars, 1,350 lft. of cable guard rail design No. 6, 266 lft. of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00. 29

September 9, 1933

TO ASK BIDS

DAILY CITY, San Mateo Co., Cal.—The Daily City City Council will call for bids in about one month for grading and paving and constructing sewers in Daly City. Estimated cost, \$160,000. 29

CONTRACT AWARDED

FRESNO COUNTY, Calif.—L. A. Briscoe, P. O. Box 656, Arroyo Grande, at \$20,191.08, submitted low bid and was awarded contract by the Fresno County Board of Supervisors, E. Dusenberry, Clerk, County Court-house, Fresno, for the improvement of Three Highway Units in Fresno County, as follows:

UNIT 1—Beginning at the intersection with State Highway Route No. 10 at the Oil King School, northerly 12,900 feet.

UNIT 2—Fowler-Laton Road, beginning at the intersection of Letson Avenue, north of Laton, thence west one and six-tenths miles.

Total bids follow:

L. A. Briscoe, P. O. Box 656, Arroyo Grande, \$20,191.08. John Jurkovich, Fresno, \$21,821.00. Stewart and Nuss, Inc., \$25,819.00. Piazza and Huntley, San Jose, \$26,185.70. 29

BIDS OPENED

SACRAMENTO CO., Calif.—Campbell Construction Co., 800 "R" Street, Sacramento, at \$77,011.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of an undergrade crossing under the tracks of Southern Pacific Railroad about four miles northeast of Ben Ali Station and about 0.2 mile grading and paving with Portland cement concrete, Sacramento County.

- Work involves: (1) 320 M. gals. water; (2) 22,200 cu. rdwy. excav., unclass.; (3) 2,200 cu. str. excav.; (4) 200 cu. ditch and channel excav.; (5) 800 cu. imported borrow; (6) 2,250 sq. yds. subgrade; (7) 10 sta. finish rdwy.; (8) 440 cu. Class A Portland cement conc. pave.; (9) 900 each pavement dowels; (10) 114,000 lbs. bar reinf. steel; (11) 1,010 cu. Class A Portland cement concrete struc.; (12) 205,000 lbs. struc. steel;

- (13) 2,000 lbs. wrought iron plate; (14) 6,200 lbs. cast steel pedestals; (15) 4,200 lbs. misc. iron and steel; (16) 54 lf. 8-in. CMP; (17) 396 lf. 10-in. CMP; (18) 980 lf. 12-in. CMP; (19) 20 lf. 15-in. CMP; (20) 110 lf. 18-in. CMP; (21) 176 lf. 30-in. CMP; (22) 1,820 lf. 6-in. perf. metal pipe underdrains; (23) 340 cu. rock filling material; (24) 44 lf. remove and relay pipe culvert; (25) 280 cu. Class A Portland cement concrete curbs, gutters and sidewalks; (26) 110 lbs. copper seals; (27) 84 lf. 3-in. galv. pipe; (28) 12 cu. protective covering; (29) 1 lot electrical equipment; (30) 1 lot pumping equipment; (31) 1 lot misc. items of work.

Total bids follow:

- (A) Campbell Construction Co., 800 R St., Sacramento, \$77,011.80. (B) Azevedo Construction Co., Sacramento, \$82,466.10. (C) J. R. Reeves, Sacramento, \$83,593.00. (D) Holdener Construction Co., Sacramento, \$84,900.30.

Unit prices follow:

Table with 4 columns: (A), (B), (C), (D) and corresponding unit prices for various construction items.

BIDS OPENED

SISKIYOU CO., Calif.—Garcla Construction Co., P. O. Box 65, Irvington, at \$14,356.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for placing road-mix surfacing and applying penetration oil treatment and seal coat to about 5.6 miles between Callahan and Fort Jones, Siskiyou County.

- Work involves: (1) 250 M. gals water; (2) 3.6 miles reshaping roadbed; (3) 1,600 cu. screened gravel; (4) 24 tons liquid asph. SC-2 prime coat; (5) 2,100 cu. min. agg. road mix surf.; (6) 120 tons liq. asph. ROMC-3 or ROMC-4 road mix surf.; (7) 65 tons liq. asph., SC-2 penetration oil treatment; (8) 88 tons liq. asph. SC-4 material; (9) 950 cu. imported cover doer; (10) 3.6 miles spreading do; (11) 20 tons liq. asph. ROMC-3 or ROMC-4 seal coat; (12) 325 cu. of sand penetration oil treatment and seal coat.

Total bids follow: (A) Garcla Construction Co., P. O. Box 65, Irvington, \$14,356.25. (B) Hemstreet and Bell, Marysville, \$17,887.00. (C) A. Soda and Son, Oakland, \$21,125.00.

Unit prices follow:

Table with 4 columns: (A), (B), (C) and corresponding unit prices for various construction items.

CONTRACT AWARDED

FWTS Co., Wash.—Sam Orino, Portland, at \$86,660.50 awarded contract by the U. S. Bureau of Public

Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for approximately 0.097 miles partial grading and 0.691 miles finished grading on the Randle-Yakima Highway, Grading Project 13-VI, X, National Forest Road Project, located within the Columbia National Forest, Lewis Co., Wash. 29

BIDS WANTED

WASHOE COUNTY, Nev.—Until Sept. 29, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City Nevada, for construction of approximately 5.22 miles of State Highway System from Verdi to Lawtons, Rte. 1, Sections A2 and A3. Washoe Co., Nevada. Work involves:

- (1) 75 hr. 75-h.p. crawler - type tractor;
- (2) 75 hr. 10-ft. blade grader;
- (3) 75 hr. 75-h.p. tractor with power scraper;
- (4) 150 hr. motor grader with pneumatic tires;
- (5) 300 hr. 1½-ton truck;
- (6) Force account; special detours, (\$4,825);
- (7) 8686 tons selected detour surf.;
- (8) 6675 ton mi. haul on do.;
- (9) 47 each remove trees;
- (10) 55,331 l.f. remove fence;
- (11) 3 c.y. remove concrete;
- (12) 677 l.f. remove culvert pipe;
- (13) 43 each remove culvert inlets and outlets;
- (14) Lump sum remove bridge (Lt. Sta. 246+43);
- (15) Lump sum, remove bridge (Rt. Sta. 386+55);
- (16) 11,000 cu. yd. remove temp. flume
- (17) 26,578 sq. vd. remove cement concrete surface;
- (18) 25,014 cu. yd. rdwy. excav., "A"
- (19) 86,730 cu. vd. do., "B";
- (20) 1530 cu. vd. drainage ditch; "A"
- (21) 12,676 cu. vd. borrow;
- (22) 73 sta. slope rounding;
- (23) 302,027 yd. sta. overhaul;
- (24) 24,525 yd. ml. overhaul;
- (25) 4100 cu. vd. struc. excav.;
- (26) 3430 cu. vd. backfill;
- (27) 120 miles subgrade, Type "B" (shoulders);
- (28) 3.70 miles do, (full width);
- (29) 3.20 cu. yd. rock cleanup;
- (30) 1320 cu. yd. rock cleanup;
- (31) Force account, roadside cleanup (\$2500);
- (32) 3931 M. gals. water;
- (33) 30,488 tons type 1 gravel base;
- (34) 18,614 tons gravel surface;
- (35) 27 tons liquid asphalt type MC2 (seal);
- (36) 51 tons blotter sand;
- (37) 451 tons liquid asphalt, type SC2 (roadmix);
- (38) 1.20 miles roadmix (2-ft. width);
- (39) 1.20 miles do, (33-ft. width);
- (40) 7 each roadmix intersections;
- (41) 891 c.y. Class A concrete;
- (42) 255 c.y. Class B concrete;
- (43) 214 c.y. Class D concrete;
- (44) 287 l.f. concrete rail;
- (45) 257,400 lbs. reinf. steel;
- (46) 1100 lbs. bronze bearing plates;
- (47) 79 MFMB untreated Douglas fir;
- (48) 168 l.f. 15-in. corr. metal pipe;
- (49) 1270 l.f. 18-in. do.;
- (50) 514 l.f. 24-in. do.;
- (51) 74 l.f. 30-in. do.;
- (52) 378 l.f. relay culvert pipe;
- (53) 1282 l.f. 8-in. perf. underdrain;
- (54) 504 c.y. drain backfill;
- (55) 1330 l.f. grouting drain backfill
- (56) 33 each weephole extensions;
- (57) 9 c.y. greent hand laid riprap;
- (58) 35 each move pipe culvert head-walls;
- (59) 105 c.y. Class A concrete curb and gutter;
- (60) 2150 lbs. castings;
- (61) 2450 l.f. beam type metal guard rail;

- (62) 92 each culvert markers;
 - (63) 15 each guide posts;
 - (64) 1234 l.f. construct fence;
 - (65) 35,321 l.f. reconstruct fence;
 - (66) 9 each 16-ft. steel gates;
 - (67) 68 each monuments;
 - (68) 170 l.f. metal flume;
 - (69) Lump sum, misc. items;
 - (70) 777 c.y. Cyclopean concrete;
 - (71) 7172 sq. yd. stabilized shoulders.
- Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada; and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00, of which \$5.00 will be refunded. 29

BIDS OPENED

SAN BENITO CO., Calif.—Piazza and Huntley, 195 N. 6th Street, San Jose, at \$17,640 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a slope protection about 0.8 mile in length between Paisines and Tres Pinos, San Benito County. Work involves:

- (1) 7,200 c.y. struc. excav.;
- (2) 1,680 c.y. sacked conc. riprap;
- (3) 600 l.f. bank protection fence.

Total bids follow:

- (A) Piazza and Huntley, 195 N. 6th St., San Jose, \$17,640.00.
- (B) Lee J. Immel, Berkeley, \$18,304.50.
- (C) Independent Construction Co., Ltd., Oakland, \$18,600.00.
- (D) N. M. Ball Sons, Berkeley, \$18,793.00.
- (E) E. T. Lesure, Oakland, \$19,110.
- (F) L. C. Seidel, Oakland, \$20,160.00.
- (G) Granite Construction Co., Watsonville, \$22,737.60.
- (H) F. Kaus, Stockton, \$22,868.00.
- (I) Valley Construction Co., San Jose, \$26,640.00.

Unit prices follow:

	(1)	(2)	(3)
(A)	50	8.16	1.00
(B)	53	8.16	1.30
(C)	75	7.50	1.00
(D)	80	7.40	1.00
(E)	45	9.00	1.25
(F)	65	8.50	2.00
(G)	80	9.57	1.50
(H)	85	9.35	1.40
(I)	65	12.00	3.00

* 29

BIDS OPENED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Calif.—S. A. Cummings, 4170 Falcon St., San Diego, at \$5,270 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera Street, San Luis Obispo, for about 820 miles of traffic stripe to be applied to existing pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties. Work involves:

- (1) 820 miles traffic stripe painting;
 - (2) 220 miles traffic stripe painting.
- Total bids follow:
- S. A. Cummings, 4170 Falcon St., San Diego, (1) \$4.75; (2) \$6.25; total \$5270.
- Albert W. Simmonds, Sacramento, (1) \$5.00; (2) \$7.00; total, \$5640. 29

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at \$10,255.50 awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19151, for the improvement of Athens St. between Excelsior Ave. and Avalon Avenue. 29

BIDS WANTED

SAN FRANCISCO.—Until Sept. 21 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19183, for constructing a armored concrete curb on Monterey Blvd. bet. Yerba Buena Blvd. and St. Elmo Way, involving about 450 l.f. armored concrete curb.

Plans and specifications may be obtained from J. J. Casey, City Engineer, Room 351, City Hall. 29

BIDS OPENED

SAN FRANCISCO.—Calif. Steel Products Co., Bay and Taylor Sts., San Francisco, at \$67.89 submitted low bid and was recommended for award of contract by the Department of Public Works, Room 251, City Hall, for furnishing and installing one diamond top sidewalk door, 4-ft. 8-in. by 5-ft.

Michel & Pfeffer Iron Works, Inc. San Francisco, at \$72 submitted only other bid. 29

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Poulos & McEwen, Sacramento, at \$84,605.20 awarded contract by the State Division of Highways, Public Wks Bldg., Sacramento, for about 0.4 mile of grading and surfacing with roadmix surfacing between Benbow and one mile north of Dean Creek, Humboldt County. 29

BIDS WANTED

KERN COUNTY, Calif.— Until October 6, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 16.8 miles grading and treating with liquid asphalt between Weed Patch and Wheeler Ridge (VI-Ker-Feeder Road), Kern County. Work involves:

- (1) Clear and grub;
- (2) 26,700 c.y. rdwy. excav. unclass.
- (3) 12,000 sta. yds. overhaul;
- (4) 1,830 c.y. ditch excav.;
- (5) 4,900 c.y. imported borrow;
- (6) 25,950 c.y. imported surf. material;
- (7) 600 tons liquid asphalt, SC-2 penetration oil treatment;
- (8) 780 c.y. struc. excav.;
- (9) 72 c.y. Class A Portland cement conc. struc.;
- (10) 6,500 lbs. bar reinf. steel;
- (11) 9.3 MFMB dense select all-heart struc. redwood;
- (12) 34.4 MFMB select all heart do.;
- (13) 6 each clearance markers;
- (14) 238 l.f. 18-in. CMP;
- (15) 600 l.f. 24-in. CMP;
- (16) 46 l.f. 30-in. CMP;
- (17) 46 l.f. 36-in. CMP;
- (18) 48 l.f. 48-in. CMP.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. 29

BIDS OPENED

HICKAM FIELD, T. H.—Ralph E. Woolley, Honolulu, at \$257,900 submitted low bid to the Constructing Quartermaster, John A. Hunt, Hickam Field, under Bid 397-39-10, for construction and completion of finish pavement, driveways, sidewalks and curbs at Hickam Field. Second and third low bids on the main proposal received at Hickam Field, were:

Walker & Olund Ltd., Honolulu, \$259,200.00.
 Marks Construction Co., \$271,000.00.
 J. E. Haddock Ltd., Pasadena, at \$260,000 submitted only bid to the Constructing Quartermaster, Fort Mason, San Francisco, Calif. 29

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids were received and awards made by the State of Washington, Director of Highways, V. W. Morrow, Olympia, for construction as follows:

King Co.: Clearing, grading, draining and paving with Portland cement concrete and asphaltic concrete on about 4.8 miles of Primary State Highway No. 2, Seattle to Lake Forest Park, Federal Aid Project No. 91 (2) in King County, involving about 33 acres of clearing, 17,820 c.y. of excavation, 43,790 c.y. of selected roadway borrow, 7,550 c.y. of crushed stone surfacing, 49,251 sq. yds. and 45 c.y. of cement concrete pavement, 1,991 sq. yds. of cement concrete driveways, 58,190 lbs. of steel reinf. bars, 345 c.w. of concrete, 7,145 l.f. of cable guard rail design No. 6, 255 l.f. of half round corr. metal flume, 199 tons of asph. cement pavement type I-1, 12,531 l.f. of pipe culverts and other items.

Awarded: L. J. Dowell, Inc., 1437 Elliott Ave., W., Seattle, \$282,198.

Other Bidders: Northwest Const. Co., Inc., Seattle, \$29,403; Florito Bros., Inc., Seattle, \$297,952.

Clallam County: Constructing a treated pile and timber bridge with concrete deck on about 0.03 mile of Primary State Highway No. 9, McDonald Creek Bridge and Channel Change, Federal Aid Project No. 138-C (2), in Clallam County, involving about 21,890 c.y. of excav., 178 c.y. of concrete, 37,000 lbs. of steel reinf. bars, 47 MBM of treated timber and lumber, 3,200 l.f. of treated timber piling, 68 l.f. of pipe culverts and other items.

Awarded: F. E. Wilder, Route 2, Olympia, \$23,942.

Other Bidders: Allen & Govan, Inc., Olympia, \$26,767; L. Coluccio, Seattle, \$35,420.

Jefferson County: Constructing a treated pile and timber trestle, detour bridge and channel change on about 0.02 mile of Primary State Highway No. 9, Little Quilcene River Bridge, Federal Aid Project No. 136-F (2), in Jefferson County, involving about 1,700 c.y. of excavation, 120 c.y. of concrete, 19,000 lbs. of steel reinf. bars, 28 MBM of treated Portland cement concrete of about 2.3 miles of Primary State Highway No. 1, Swinomish Slough to Whitney, U. S. Public Works Project No. Wash. 1341-F (Unit 2) in Skagit County, involving about 19,060 c.y. of excavation, 22,010 c.y. of selected roadway borrow, 26,681 sq. yds. of cement concrete pavement, 6,280 lbs. of steel reinf. bars, 7,335 c.w. of cable guard rail design No. 6, 798 l.f. of pipe culverts, and other items.

Awarded: F. E. Wilder, Route 2, Olympia, \$12,857.

Other Bidders: Olympic Pile Driving Co., Port Townsend, \$13,992; Allen & Govan, Inc., Olympia, \$13,996; L. Coluccio, Seattle, \$18,266; Creech Bros. Contr. Co., Aberdeen, \$18,989.

Skagit County: Paving with Portland cement concrete of about 2.3 miles of Primary State Highway No. 1, Swinomish Slough to Whitney, U. S. Public Works Project No. Wash. 1341-F (Unit 2) in Skagit County, involving about 19,060 c.y. of excavation, 22,010 c.y. of selected roadway borrow, 26,681 sq. yds. of cement concrete pavement, 6,280 lbs. of steel reinf. bars, 7,335 c.w. of cable guard rail design No. 6, 798 l.f. of pipe culverts, and other items.

Awarded: L. J. Dowell, Inc., 1437 Elliott Ave. W. Seattle, \$83,066.

Other Bidders: Florito Bros. Inc., Seattle, \$83,118; C. V. Wilder, Bellingham, \$83,158; Northwest Const. Co., Inc., Seattle, \$93,862; N. Florito Inc., Seattle, \$95,482; W. Stevens Const. Co., Seattle, \$102,249; J. B. Covelto, Seattle, \$107,248.

Asotin County: Clearing, grading, draining, surfacing, constructing bituminous surface treatment, road-mix type, Class B and cement concrete sidewalks, driveways, curbs and gutters on about 2.3 miles of Primary State Highway No. 3, Clarkston West,

Section 2, U. S. Public Works Proj. No. Wash. 1559-F (Unit 1), in Asotin County, involving about 69,240 c.y. of excavation, 11,780 c.y. of selected rdwy. borrow, 3,210 c.y. of screened gravel surfacing, 2,800 c.y. of mineral aggregates, 226 tons of bituminous cement, 3,364 sq. yds. of one-course cement concrete sidewalk, 215 sq. yds. of cement concrete driveways, 5,476 l.f. of pipe culverts and other items.

Awarded: J. H. Collins & Co., Colville, \$86,770.

Other Bidders: Charles A. Power, Dayton, \$87,370; Siems-Spokane Co., Spokane, \$99,964.00; Roy L. Bair, Spokane, \$106,425; Max J. Kunej Co., Spokane, \$108,469; Sather & Sons, Seattle, \$108,891; Clifton & Applegate, Spokane, \$118,664; Diesel Oil Sales Co., Seattle, \$129,252; Whitman County: constructing a light bituminous surface and non-skid seal (single seal) treatment on about 6.88 miles of Primary State Highway No. 3, Pullman to Idaho State Line, U. S. Works Project No. Wash. 1558-F (Unit 1), in Whitman County, involving about 107 tons of bituminous cement and other items.

Awarded: McAttee, Inc. E 930 13th Ave., Spokane, \$4742.

Other Bidders: Diesel Oil Sales Co. Seattle, \$4,810; Standard Asph. Paving Co., Inc., Spokane, \$5199; F. R. Hewett, Spokane, \$5856; Norris Bros., Burlington, \$5866.

Lewis County: Grading, draining, surfacing with crushed stone and constructing a reinforced concrete continuous girder bridge on about 0.2 mile of Primary State Highway No. 5, West Fork to Morton, East Fork Tilton River Bridge, U. S. Public Works Project No. Wash. 1549-F in Lewis County, involving about 2,440 c.y. of excavation, 590 c.y. of selected roadway borrow, 502 c.y. of concrete, 111,000 lbs. of steel reinf. bars, 110 l.f. of pipe culverts and other items.

Awarded: H. S. Steffensen, 6714 1st Ave. NW, Seattle, \$31,969.

Other Bidder: H. C. Malott, Seattle, \$32,648.

Pierce County: Clearing, grading, draining, surfacing and constructing asphaltic concrete pavement type I-1 and light bituminous surface treatment on about 6.0 miles of Secondary State Highway No. 5-E, Puyallup to Orting, U. S. Public Works Project No. Wash. 1342-F, in Pierce County, involving about two acres of clearing, 22,900 c.y. of excavation, 22,380 c.y. of selected roadway borrow, 3,170 c.y. of crushed stone surfacing, 1,352 l.f. of cable guard rail design No. 6, 8,787 tons of asphaltic concrete, 34 tons of bituminous cement, 1,017 l.f. of pipe culverts and other items.

Awarded: Woodworth and Cornell, Inc., 1122 East D St., Tacoma, \$102,015.

Other Bidders: Warren Northwest, Inc., Portland, \$104,638; Washington Asphalt Co., Seattle, \$110,630.

Lincoln County: Clearing, grading, draining, surfacing and constructing a light bituminous surface treatment on about 6.9 miles of Primary State Highway No. 7, Harrington North and Davenport South, U. S. Public Works Project No. Wash. 1269-F, in Lincoln County, involving about 89,850 c.y. of excavation, 40,290 c.y. of selected roadway borrow, 16,370 c.y. of crushed stone surfacing, 136 c.y. of concrete, 21,910 lbs. of steel reinf. bars, 24 MBM of treated timber and lumber, 6,150 l.f. of cable guard rail design No. 6, 170 tons of bituminous cement, 1,329 l.f. of pipe culverts and other items.

Awarded: Roy L. Bair, 1220 Ide Ave., Spokane, \$129,453.

Other Bidders: Max J. Kunej, Spokane, \$129,676; F. R. Hewett, Spo-

kane, \$133,476; Clifton & Applegate, Spokane, \$144,619.

COMPLETE BIDS

NAVAJO COUNTY, Ariz.—W. E. Orr, Phoenix, at \$50,846.50 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, for grading about 3.175 miles, Section B of Route 17 the Snowflake-Finetop National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz.

Work involves:

- (1) 14 acres clearing;
(2) 15 acres grubbing;
(3) 19,100 c.y. unclass. excav.;
(4) 250 c.y. unclass. excav. for structures;
(5) 35,400 c.y. unclass. excavation for borrow;
(6) 12,000 sta. yds. overhaul;
(7) 95,000 c.y. mile borrow haul;
(8) 15 c.y. foundation fill;
(9) 2,000 l.f. furrow ditches;
(10) 194 c.y. Class "A" concrete;
(11) 23,300 lbs. reinforcing steel;
(12) 93 c.y. cement rubble masonry;
(13) 422 l.f. 18-inch corr. galv. sheet metal pipe;
(14) 92 l.f. 24-inch do.
(15) 64 l.f. remove clean and relay existing CM pipe;
(16) each type 4 drop inlets;
(17) 4 pair cast steel frames and gratings;
(18) 32 each right of way monuments;
(19) 1 each cattle guards, 2 units;
(20) 17,125 l.f. barbed wire fence;
(21) 1,160 l.f. special fence;
(22) 16 each Type 1 gates;
(23) 15 each culvert markers.

Total bids follow:

- (A) W. E. Orr, Phoenix, \$50,846.50.
(B) H. J. Hagen, Globe, \$56,794.50.
(C) Lewis Bros. Contractors, Phoenix, \$59,051.75.

(D) N. G. Hill & Co., Phoenix, \$68,851.00.

Unit prices follow:

Table with 4 columns (A), (B), (C), (D) and 23 rows of unit prices for various construction items like excavation, concrete, steel, etc.

BIDS OPENED

LEWIS COUNTY, Ore.—Sam Orino Portland, at \$17,375 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Building, Portland, for constructing or improving approximately 3.6 miles of Mt. Rainier National Park, Stevens Canyon Highway Project 4-D (portion) clearing, National Park Road Project, located within Mt. Rainier National Park, Lewis Co., Wash.

Total bids follow:

- Sam Orino, Portland, \$17,375.00
Heller & Gillgannon, Scappoose, 17,250.00
Lucich Bros., Seattle, 19,350.00

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Dan Caputo, 401 Illinois Ave., San Jose, at \$5,187 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for construction of two reinforced concrete retaining walls on Lincoln Ave. and Glen Eyrrie Ave. on the Los Gatos Creek, in Supervisor's District No. 4, Santa Clara County, Calif.

Total bids follow:
Dan Caputo, 401 Illinois Ave., San Jose, \$5,187.00.

Bert Ward & Son, San Jose, \$5,963.00.

Collins and Martin, San Jose, \$5,989.00.

A. J. Raisch, San Francisco, \$6,300.00. * 29

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—Peerless Welding Co., 265 Tenth St., San Francisco, at \$13,810 awarded contract by the State Division of Highways, Sacramento, for installing a multiplate corrugated metal pipe culvert and about 0.2 mile of grading and surfacing with crusher run base and armor coat the roadway at Two Bar Creek, about one mile north of Boulder Creek, Santa Cruz County.

* 29

BIDS OPENED

LONG BEACH, Los Angeles Co., Calif.—Vido Kovacevic, 5400 Imperial Highway, South Gate, at \$34,155.60, submitted low bid to the Long Beach city manager for improving Hathaway Ave., from Los Alamitos Circle to Manila Ave., Cash Contract. The other total bids were:

Sully Miller Constr. Co., \$34,306.41.

Amco Constr. Co., \$35,224.39.

Criffith Co., \$37,811.80.

Oswald Bros., \$39,628.87. 29

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Hayward Bldg. Supply Co., 941 Jackson St., Hayward, at \$7,199 submitted low bid and awarded contract by the Sacramento County Board of Supervisors, Court House, Sacramento, for armor top surfacing Elk Grove Franklin Highway, County of Sacramento.

Total bids follow:

Hayward Bldg. Supply Co., 941 Jackson St., Hayward, \$7,199.00.

McGillivray Construction Co., Sacramento, \$7,232.00.

A. Teichert and Son Inc., Sacramento, \$7,450.00.

J. R. Reeves, Sacramento, \$8,588.00. * 29

LOW BIDDERS

PHOENIX, Maricopa Co., Ariz.—Arizona Sand and Rock Co., Phoenix, at \$32,692.43 submitted low bid to the Phoenix City Council, James Girand, Supt. of Streets, City Hall, for the improvement of streets in the City of Phoenix. Docket Ariz-1080-F.

Three low bids follow:

Arizona Sand & Rock Co., Phoenix, \$30,605.40

Phoenix, \$32,692.43

Daley Corp., San Diego, \$31,188.00

* 29

BIDS WANTED

LOS ANGELES CO., Cal.—Until October 8 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell State Highway Engineer, State Building, Los Angeles, for about 27 miles of grading, placing heavy riprap and constructing Portland cement concrete slope

paving between Frenchman's Flat and Liebre Gulch (VII-L.A.4-1) Los Angeles County.

- Work involves:
(1) 48,000 c.y. rdwy. excav., unclass.;
(2) 500 c.y. struc. excav.;
(3) 45,000 c.y. ditch and channel excavation;
(4) finish rdwy.;
(5) 53,000 lbs. bar reinf. steel;
(6) 2 c.y. Class A Portland cement concrete struc.;
(7) 1,450 c.y. Class A Portland cement concrete slope pave.;
(8) 120 l.f. 24-in. CMP;
(9) 50,500 tons heavy riprap.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 29

LOW BIDDERS

PHOENIX, Maricopa Co., Ariz.—Daley Corp., 4430 Boundary Street, San Diego, at \$33,215.05 submitted low bid to the Phoenix City Council, James Girand, Supt. of Streets, City Hall, for the improvement of streets in Phoenix. Docket Arizona 1081-F.

The three low bids follow:
Daley Corp., 4430 Boundary St., San Diego, \$33,215.05

Phoenix-Tempe Stone Co., \$4,193.50

W. E. Hall Const. Co., \$4,341.73

* 29

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until October 4, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing bridges on approximately 2.235 miles, Section A of Federal Lands Highway Project No. 5, Kane Springs-Oceanside Highway, La Jolla Indian Reservation, San Diego County.

- Work involves:
(1) 23 acres clearing;
(2) 23 acres grubbing;
(3) 168,800 c.y. unclass. excav.;
(4) 2,430 c.y. unclass. excav., for structures;
(5) 135,000 sta. yds. overhaul;
(6) 2,230 miles finishing earth graded roads;
(7) 657 c.y. concrete;
(8) 76,000 lbs. reinf. steel;
(9) 2,260 l.f. corrug. galv. sheet metal pipe;
(10) 4 each CGSM pipe elbows;
(11) 5 each spillway inlets;
(12) 4 each drop inlets, 24-inch;
(13) 4 each R C inlet covers;
(14) 200 sq. yds. grouted rubble gutter;
(15) 82 each right of way monuments;
(16) 25,000 l.f. barbed wire fence;
(17) 16 each gates;
(18) 24 each culvert markers;
(19) 2 each guide posts;
(20) 5,600 l.f. remove and dispose of existing fence;
(21) 320 l.f. remove and relay or stockpile existing CMP culverts
(22) 240 sq. yds. stone paving;
(23) Force account remove and reconstruct irrigation pipe lines.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

30—RESERVOIRS & DAMS

BIDS OPENED

LOS ANGELES, Calif.—Joseph Korb, 5734 York Blvd., L. A., at \$12,075, submitted the low bid to the L. A. County Supervisors, for installation of electric system at San Gabriel Dam No. 1. The other bids were:

Newberry Electric Corp.: \$12,985.

Vancott Co., \$13,440.00.

H. O. Bauerle, \$13,800.00. 30

APPLICATION DENIED

OAKDALE, Stanislaus County, Cal.—PWA has denied the Oakdale Irrigation District's application for a grant and a loan totaling \$3,750,000 for the construction of a storage reservoir at Bardsley Flat. * 30

BIDS OPENED

COLUMBIA BASIN PROJ., Wash.—Kern & Kibbe, 42 SE Salmon, Portland, at \$90,932.62 submitted low bid to the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 795, for the construction of fish traps for migratory fish control at Rock Island Dam, Columbia Basin Project, Wash. Total bids follow:
Kern & Kibbe, 42 SE Salmon, Portland, \$90,932.62

Alloway & Georg, Spokane 113,859.00

R. E. McGrew, Seattle, 116,424.00

L. Romano Engr. Corp., Seattle 127,894.00

* 30

31—PIPE LINES & WELLS

CONTRACT AWARDED

SAN DIEGO, Cal.—F. W. Steffgen, 2015 Bay Front St., San Diego, at \$17,999 has been awarded the contract by the Bureau of Yards and Docks, for constructing a 16-inch water main across San Diego Bay from San Diego to Coronado, and incidental work; Spec. 8935. 31

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 4, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for the construction of precast concrete or welded steel-plate pipe lines and appurtenant works for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between 98th St. at Wadsworth Avenue, Los Angeles, and the Palos Verdes Hills, Spec. 283. The work is located in the cities of Los Angeles and Torrance and in unincorporated territory of the County of Los Angeles, and comprises approx. 13.5 miles of pipe line construction. Proposals will be received for two alternative types of pipe line. The lengths, diameters, etc., are as follows:

SCH. 24—6.8 miles of 50-in. Lock-joint steel cylinder reinf. precast concrete pipe (PC).

SCH. 25—6.7 miles of 50-in. Lock-joint steel cylinder reinf. precast concrete pipe (PC).

ALTERNATIVES

SCH. 24—6.8 miles of 51-in. welded steel-plate pipe with gunite exterior coating and centrifugally applied (spun) mortar-lining (SC).

SCH. 25—6.7 miles of 51in. do (SC).
Award will be made on Schedules 24P and 25P, or on 24SC and 25SC.

Plans and specifications available at Room 1007, 306 W 3rd St., Los Angeles, upon payment of \$5 per set, not returnable. Certified or cashier's check for an amount not less than 10% must accompany each bid. F. E. Weymouth, General Manager and Chief Engineer. The quantities are:

SCHEDULE 24P

Precast concrete pipe for the Palos Verde feeder of the Colorado River Aqueduct, distribution system between station 852 plus 60 and 1312 plus 25. Inside diameter of pipe 50 inches; length, 35,950 ft.

- (1) 100,000 c.y. trench excav.;
- (2) 1,200 c.y. excav. for struc.;
- (3) 71,000 c.y. backfill;
- (4) 1,000 tons rock refill;
- (5) 600 c.y. concrete in structures;
- (6) 300 c.y. concrete in anchors, manhole bases, and supports across trench;

- (7) 500 c.y. concrete in cradle;
 (8) 33,472 lf. precast conc. pipe, dia. 50-in.;
 (8a) do, with standard lock-joint;
 (8b) 2,263 lf. precast conc. pipe, 50-in. with welded lock-joints;
 (9) furnishing & placing steel cylinder reinf.;
 (9a) does not apply here;
 (9b) 1,528 lf. 13-ga.;
 (9c) 22,498 lf. 12-ga.;
 (9d) 9,295 lf. 11-ga.;
 (9e) 672 lf. $\frac{1}{4}$ -in. thick;
 (9f) 93 lf. $\frac{3}{8}$ -in. thick;
 (10) 4,850,000 lbs. furnish and place reinf. steel in precast concrete pipe;
 (11) 113,000 lbs. place reinf. steel in structures;
 (12) furnish and install 51-in. spun mortar lined steel pipe;
 (12a to 12c) does not apply here;
 (12d) 44 lf. $\frac{1}{2}$ -in. thick;
 (13) 44 lf. incasement under railway track;
 (14) does not apply here;
 (15) 1,400 sq. ft. pipe coating, Type B
 (16) does not apply here;
 (17) 65,000 lbs. furnish and install steel thimbles and covers;
 (18) 52,000 lbs. furnish and install steel manifolds, reducing sections, and insulating joint assemblies;
 (19) 2 points furnish and install electrolysis test points, type 1;
 (20) 2 points do, type 2;
 (21) 2 points do, type 3;
 (22) 60,000 lbs. install shutoff, regulating and relief valves;
 (23) 50,000 lbs. install misc. metal;
 (24) 100 lf. install 6-in. conc. pipe;
 (25) 100 lf. install 8-in. conc. pipe;
 (26) 150 lf. furnish and install 6-in. cast-iron pipe for sewer reconstruction;
 (27) 150 lf. furnish and install 8-in. do;
 (28) 50 lf. remodel house connection sewers;
 (29) 320 lf. furnish & install fence.

SCHEDULE 24-SC

- Gunitite-coated welded steel pipe with spun mortar lining for Palos Verdes feeder of the Colorado River Aqueduct distribution system, between stations 952 plus 60 and 1312 plus 25. Inside diameter of steel pipe 5-in., length 35,950 ft.
 (1) 85,000 c.y. trench excav.;
 (2) 1,200 c.y. excav. for struc.;
 (3) 72,000 c.y. backfill;
 (4) 1,000 tons rock refill;
 (5) 600 c.y. concrete in structures;
 (6) 300 c.y. concrete in anchors, manhole bases, and supports across trench;
 (7) 500 c.y. concrete in cradle;
 (8 to 10) do not apply here;
 (11) 113,000 lbs. place reinf. steel in structures;
 (12) furnish and install 51-in. spun mortar lined steel pipe;
 Plate thickness (inches):
 (12a) 26,222 lf. $\frac{3}{8}$ -in.;
 (12b) 8,414 lf. 13/32-in.;
 (12c) 1,204 lf. $\frac{1}{2}$ -in.;
 (12d) 44 lf. $\frac{1}{2}$ -in.;
 (13) 44 lf. incasement under railway track;
 (14) 334,000 sq. ft. pipe coating, type A;
 (15) 143,000 sq. ft. do, type B;
 (16) 11,500 sq. ft. do, type C;
 (17) 62,000 lbs. furnish and install steel thimbles and covers;
 (18) 48,000 lbs. furnish and install steel manifolds, reducing sections and insulating joint assemblies;
 (19) 2 points furnish and install electrolysis test points, type 1;
 (20) 2 points do, type 2;
 (21) 2 points do, type 3;
 (22) 60,000 lbs. install shutoff, regulating and relief valves;
 (23) 50,000 lbs. install misc. metal;
 (24) 100 lf. install 6-in. conc. pipe;
 (25) 100 lf. install 8-in. conc. pipe;

- (26) 150 lf. furnish and install 6-in. cast-iron pipe for sewer reconstruction;
 (27) 150 lf. furnish and install 8-in. do;
 (28) 50 lf. remodel house connection sewers;
 (29) 320 lf. furnish & install fence.

SCHEDULE 25-P

- Precast concrete pipe for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between stations 1312 plus 25 and 1668 plus 90. Inside dia. of pipe, 50-in.; length, 35,360 ft.
 (1) 113,000 c.y. trench excav.;
 (2) 400 c.y. excav. for struc.;
 (3) 84,000 c.y. backfill;
 (4) 1,000 tons rock refill;
 (5) 450 c.y. concrete in struc.;
 (6) 180 c.y. concrete in anchors, manhole bases and supports across trench;
 (7) 750 c.y. concrete in cradle;
 (8) Precast concrete pipe, dia. 50-in.
 (8a) 33,561 lf. with std. lock-joints;
 (8b) 1,509 lf. with welded lock-joints;
 (9) Furnish and place steel cylinder reinf.;
 (9a) 4,230 lf. 14-ga.;
 (9b) 1,662 lf. 13-ga.;
 (9c) 15,919 lf. 12-ga.;
 (9d) 11,043 lf. 11-ga.;

Plate thickness (inches)

- (9e) 592 lf. $\frac{1}{4}$ -in.;
 (9f) 30 lf. $\frac{3}{8}$ -in.;
 (10) 4,550,000 lbs. furnish and placing reinf. steel in precast conc. pipe;
 (11) 78,000 lbs. placing reinf. steel in struc.;
 (12) furnish and install 51-in. spun mortar lined steel pipe;
 Plate thickness (inches)
 (12a to 12c) do not apply here;
 (12d) 72 lf. $\frac{1}{2}$ -in.;
 (13) 72 lf. incasement under railway tracks;
 (14) 334,000 sq. ft. pipe coating, type A;
 (15) 1,700 sq. ft. pipe coating, type B
 (16) does not apply here;
 (17) 62,000 lbs. furnish and install steel thimbles and covers;
 (18) 60,000 lbs. furnish and install steel manifolds, reducing sections and insulating joint assemblies;
 (19) 2 points furnish and install electrolysis test points, type 1;
 (20) 1 point do, type 2;
 (21) 3 points do, type 3;
 (22) 40,000 lbs. install shutoff, regulating and relief valves;
 (23) 50,000 lbs. install misc. metal;
 (24) 100 lf. install 6-in. conc. pipe;
 (25) 100 lf. install 8-in. conc. pipe;
 (26) 550 lf. furnish and install 6-in. cast iron pipe for sewer reconstruction;
 (27) 200 lf. furnish and install 8-in. cast iron pipe for sewer reconstruction;
 (28) 50 lf. remodel house connection sewers;
 (29) does not apply here.

SCHEDULE 25-SC

- Gunitite-coated welded steel pipe with spun mortar lining for Palos Verdes feeder of the Colorado River Aqueduct distribution system, between stations 1312 plus 25 and 1668 plus 90. Inside dia. of steel pipe, 51-in.; length, 35,360 ft.
 (1) 107,000 c.y. trench excav.;
 (2) 400 c.y. excav. for struc.;
 (3) 85,000 c.y. backfill;
 (4) 1,000 tons rock refill;
 (5) 450 c.y. concrete in struc.;
 (6) 200 c.y. concrete in anchors, manhole bases and supports across trench;
 (7) 750 c.y. concrete in cradle;
 (8 to 10) do not apply here;
 (11) 78,000 lbs. placing reinf. steel in struc.;
 (12) furnish and install 51-in. spun mortar lined steel pipe;
 (12a) 23,765 lf. $\frac{3}{8}$ -in.;
 (12b) 10,130 lf. 13/32-in.;

- (12c) 1,322 lf. $\frac{1}{2}$ -in.;
 (12d) 72 lf. $\frac{1}{2}$ -in.;
 (13) 72 lf. incasement under railway tracks;
 (14) 192,000 sq. ft. pipe coating, type A;
 (15) 273,000 sq. ft. do, type B;
 (16) 15,200 sq. ft. do, type C;
 (17) 61,000 lbs. furnish and install steel thimbles and covers;
 (18) 48,000 lbs. furnish and install steel manifolds, reducing sections and insulating joint assemblies;
 (19) 2 points furnish and install electrolysis test points, type 1;
 (20) 1 point do, type 2;
 (21) 3 points do, type 3;
 (22) 45,000 lbs. install shutoff, regulating and relief valves;
 (23) 50,000 lbs. install misc. metal;
 (24) 100 lf. install 6-in. conc. pipe;
 (25) 100 lf. install 8-in. conc. pipe;
 (26) 550 lf. furnish and install 6-in. cast iron pipe for sewer reconstruction;
 (27) 200 lf. furnish and install 8-in. cast-iron pipe for sewer reconstruction;
 (28) 50 lf. remodel house connection sewers;
 (29) does not apply here.

31

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 4, 1930 A. M. bids will be received by the Metropolitan Water District, 306 W. 3rd St., L. A., for the construction of precast concrete or welded steel-plate pipe lines and appurtenant works for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between 98th St. at Wadsworth Ave., L. A. and the Palos Verdes Hills, Spec. 283. Th work is located in the cities of Los Angeles and Torrance and in unincorporated territory of the County of Los Angeles, and comprises approx. 13.5 ml. of pipe line construction. Proposals will be received for two alternative types of pipe line. The lengths, diameters, etc., are as follows:
 SCH. 24—6.8 mi. 50 in. Lock-joint steel cylinder reinf. precast concrete pipe (P).
 SCH. 25—6.7 mi. 50-in. Lock-joint steel cylinder reinf. precast concrete pipe (P).

ALTERNATIVES

SCH. 34—6.8 mi. 51-in. welded steel-plate pipe with Gunitite exterior coating and centrifugally applied (spun) mortar-lining (SC).
 SCH. 25—6.7 mi. 51-in. same (SC).
 Plans will be made on Schedules 24 and 25P, or on 24SC and 25SC. Plans and specifications will not be available until Sept. 13, after which time copies may be obtained at Rm. 1007, 306 W. 3rd St., L. A., upon payment of \$5.00 per set, not returnable.

Certified or cashier's check for an amount not less than 10% must accompany each bid. F. E. Weymouth, General Manager and Chief Engineer.

31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

WILLITTS, Mendocino Co., Calif.—Harvey E. Conner, 1222 Whipple Ave., Redwood City, at 834,1975 submitted low bid to the Willitts City Council, City Hall, Willitts, for construction of the municipal sewer disposal project, comprising vitrified clay sanitary sewers, concrete storm drains, corrugated culvert and improvements to sewage treatment plant. PWA project.

Complete total bids follow:
 Harvey E. Conner, 1222 Whipple Ave., Redwood City, \$34,197.75.
 Manuel Smith, Oakland, \$35,078.75.
 M. J. Lynch, S. F., \$35,838.00.
 A. Soda and Son, Oakland, \$42,181.34.
 Christie Construction Co., San Francisco, \$44,318.28.

E. J. Treacy, S. F., \$47,430.12.
 Three low bids submitted to PWA with recommendation that award be made to low bidder.

• 32

BIDS WANTED

SANTA PAULA. Ventura Co., Cal.—Until Sept. 19, 7:30 P. M. bids will be received by the Santa Paula city council for the construction of Unit A, municipal sewer system, involving:

- (1) 5000 ft. 12-in. vit. pipe in place; silica joints;
- (2) 500 ft. 12-in. vit pipe in place; with sulphur silica joints;
- (3) 10,000 ft. 10-in. vit. pipe in place;
- (4) 300 ft. 10-in. vit. pipe in place, with sulphur silica points;
- (5) 5900 ft. 8-in. vit. pipe in place;
- (6) 400 ft. 8-in. vit pipe in place, with sulphur silica joints;
- (7) 6700 ft. 6-in. vit. pipe in place;
- (8) 600 ft. 6-in. vit. pipe in place; with sulphur silica joints;
- (9) 4500 ft. 4-in. pipe house conn. in place;
- (10) 500 ft. 4-in. vit. pipe house conn. in place, with sulphur silica joints;
- (11) 110 12x4 wyes in place;
- (12) 20 10x4 wyes in place;
- (13) 75 8x4 wyes in place;
- (14) 160 6x4 wyes in place;
- (15) 48 manholes installed complete;
- (16) 22 flush tanks installed in place.

Plans may be obtained upon deposit of \$10, returnable. Certified check or bid bond, 10%. S. Gerald Bennett, city engineer.

Date for bids for Unit B, disposal plant and outfall sewer (two contracts), will probably be set Sept. 19, to be opened about Oct. 3.

BIDS OPENED

TEMPE, Maricopa Co., Ariz.—H. A. Hazard, Tempe, Ariz., at \$40,500 submitted low bid to the Tempe city council for the construction of sewage disposal plant to be constructed under a PWA grant of \$29,250. The estimated cost is approx. \$65,000. The plant will consist of Imhoff tank, Dunbar beds and sludge lagoons, with pipe lines, manholes, valves, etc. The other bids were:

Lewis Bros., Phoenix.....	\$51,444
Gates & Huntley, L. A.....	51,900
M. M. Sundt Tucson.....	53,744
Vinson & Pringle, Phoenix.....	54,700
Hoagland Engr. & Const. Co., Long Beach.....	61,450

• 32

BONDS VOTED

MANTECA, San Joaquin County, Calif.—The City of Manteca voted bonds in the amount of \$65,000 proceeds to finance construction of a new sewer system.

John S. Bates, Engineer, estimates the cost at \$173,000. City expects to receive a PWA grant.

PREPARING PLANS

KING CITY, Monterey Co., Cal.—Currie Engr. Co., 219, Anderson Bldg. San Bernardino, is preparing plans for a sewage treatment plant of the trickling filter type to be constructed by King City. The estimated cost is \$53,000. Bonds in the sum of \$30,000 have been voted and a PWA grant of \$23,850 applied for.

• 32

CONTRACT AWARDED

SACRAMENTO, Calif.—J. W. Terrell, 2765 Donner Way, Sacramento, at \$8,295 submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for constructing sewers in William Land Park, Sacramento.

Total bids follow:
 J. W. Terrell, 2765 Donner Way, Sacramento, \$8,295.00.
 Holdener Constr. Co., Sacramento, \$9,813.00.

A. E. Downer, Berkeley, \$9,175.00.
 Gogo and Rados, Los Angeles, \$12,500.00.
 Robert B. McNair, Oakland, \$10,250.00.

CONTRACT AWARDED

SACRAMENTO, Calif.—J. W. Terrell, 2765 Donner Way, Sacramento, at \$6,245 submitted low bid and awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, for constructing sewers in the business district of Sacramento.

Total bids follow:
 J. W. Terrell, 2765 Donner Way, Sacramento, \$6,245.00.
 Holdener Constr. Co., Sacramento, \$6,394.00.

Gogo and Rados, L. A., \$10,205.00.
 A. E. Downer, Berkeley, \$10,900.00.

• 32

BIDS WANTED

SACRAMENTO, Calif.—As previously reported until Sept. 23, 8:15 P. M. bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the "H" Street sewer in the City of Sacramento. Estimated cost, \$128,921. PWA project.

- Work involves:
- (1) 2830 l.f. 48-in. reinf. conc. sewer in place;
 - (2) 2415 l.f. 45-in. reinf. conc. sewer in place;
 - (3) 6 l.f. transition section in place;
 - (4) 14 old catchbasins and manholes to remove save rims and covers;
 - (5) 4 special conc. manholes to construct without rims and covers;
 - (6) 12 stand. conc. manholes to construct without rims and covers;
 - (7) 2 manhole rims and covers to furnish cut No. 1A;
 - (8) 52,550 sq. ft. asphaltic concrete pave. to take out;
 - (9) 820 c.y. sewer base gravel to place;
 - (10) 850 l.f. 6-in. V I sewer pipe in place;
 - (11) 50 l.f. 8-in. V I sewer pipe in place;
 - (12) 52,550 sq. ft. 9-in. temporary pavement to place.
- Plans and specifications available from above office upon deposit of \$25, refundable.

• 32

BIDS WANTED

SACRAMENTO, Calif.—As previously reported until Sept. 23, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the "O" Street sewer in the City of Sacramento. Estimated cost, \$144,639. PWA project.

- Work involves:
- (1) 2,825 l.f. 57-in. reinf. conc. sewer in place;
 - (2) 2,430 l.f. 45-in. reinf. conc. sewer in place;
 - (3) 6 l.f. transition section in place;
 - (4) 6 old catchbasins and manholes to remove, save covers;
 - (5) 15 stand. conc. manholes to construct, without rims and covers;
 - (6) 9 manhole rims and covers to furnish;

- (7) 52,550 sq. ft. pave. to take out;
- (8) 550 c.y. sewer base gravel to place;
- (9) 350 lf. 6-in. V I sewer pipe in place;
- (10) 50 lf. 8-in. V I sewer pipe in place;
- (11) 52,550 sq. ft. temporary pave. to place.

Plans and specifications available from above office upon deposit of \$25, refundable.

33— WATER WORKS

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—W. J. Tobin, 3701 Balfour Avenue, Oakland, at \$41,882.50 awarded contract by the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for reconstruction of a main water supply line, 12 miles from the City of Vallejo.

• 33

COMPLETE BIDS

TEHACHAPI, Kern County, Calif.—Fred W. Weber, 540 3rd St., Downey, at \$9,670.11, submitted low bid to Tehachapi City Council for constructing cast iron water mains, using cement joints, Sch. 1a, in connection with water system improvements; Ralph W. O'Neill, 1734 Cleveland Road, Glendale, consulting engineer.

Carl H. Stuber, Tehachani, submitted low bid for drilling a water well, Sch. 2, at \$2493.02.

Roy E. Davis Co., submitted apparent low bid on the deep well turbine pumps, Sch. 3, at \$1852.95.

- The quantities are:
- 2744 ft. 2-inch cast iron pipe;
 - 4667 ft. 4-inch cast iron pipe;
 - 2020 ft. 6-inch cast iron pipe;
 - 388 ft. 8-inch cast iron pipe;
 - 32 ft. 10-inch cast iron pipe;
 - 2 8-inch gate valves;
 - 2 6-inch gate valves;
 - 17 4-inch gate valves;
 - 6 2-inch gate valves;
 - 1 8-inch check valve;
 - Misc. recording meters;
 - Misc. black screw pipe and fittings.

SCH 2
 Well, 500 feet deep, 14-inch diam. 12-ga., riveted steel casing pre-perforated.

SCH 3
 Deep well centrif. turbine pump, 30 H. P.

The complete total bids follow:
 Fred W. Weber—Sch. 1a, \$10,142.41;
 Sch. 1a, \$9,670.11.
 Culjak & Zelko—Sch. 1, \$11,691.45;
 Sch. 1a, \$1,583.42.

Sanitary Constr. & Engrg. Co.—Sch. 1, \$10,691.48; Sch. 1a, \$0,841.04; Sch. 1b, \$11,266.54.

Underground Constr. Co.—Sch. 1, \$11,172.61; Sch. 1a, \$10,837.65.

Williams & Van Valkenburgh—Sch. 1, \$11,549.54; Sch. 1a, \$10,958.95; Sch. 1b, \$12,062.09.

S. M. Milovich—Sch. 1, \$11,804.02; Sch. 1a, \$11,502.45; Sch. 1b, \$12,245.41.
 Radich & Brown—Sch. 1b, \$13,375.65.
 Barton & Sheila—Sch. 2, \$2673.72.
 Carl H. Stuber—Sch. 2, \$2493.02.
 Roscoe Moss Co.—Sch. 2, \$3111.95.
 Lyon Bros.—Sch. 2, \$2633.75.

SCH. 3
 Roy E. Davis Co., \$1852.95; Byron-Jackson, \$1953.77; Layne & Bowler Corp., \$2008.36; Pomona Pump Co., \$2008.36; Peerless Pump Co., \$2008.36; Pac. Pump Works, \$2008.36; Sterling Pump Co., \$2008.36; Johnson Pump Co., \$2008.36; Worthington Pump and Machinery Co., \$2008.36; Kimball-Krogh Co., \$2008.36.

• 33

BIDS OPENED

TUCSON, Ariz.—Williams & Van Valkenburgh, 2603 West 7th Street, L. A., at \$40,751.50 (cast iron pipe) submitted low bid to Tucson city council for the construction of water system improvements under PWA Docket Ariz. 1032-F, Unit 2, in accordance with plans and specifications prepared by Headman, Ferguson & Carroll, Phoenix, consulting engineers. Geo. W. Seeley, city engineer.

The complete bids follow:
 Williams & Van Valkenburgh—cast iron, \$40,751.50; Transit, \$4,580. Sundt Constr. Co.—cast iron, \$44,490.55; Transit, \$41,831.05.
 Vinson & Pringle—cast iron, \$59,136.47; Transit, \$59,950.97.
 Tanner Constr. Co.—cast iron, \$52,350.60; Transit, \$48,384.60.
 Arizona Concrete Co.—cast iron, \$45,157.23; Transit, \$45,907.23.

BIDS OPENED

NAPA, Napa Co., Calif.—Pacific Coast Construction Co., 350 California St., San Francisco, at \$29,267.95 submitted low bid to the Napa City Council, Whitfield Griffiths, City Clerk, City Hall, Napa, for construction of a 24-inch pipe water main of steel pipe, a suspension bridge for carrying pipe across the Napa River, automatic chlorine and ammonia equipment, and a pressure regulator all for the Water System of the City of Napa.

Complete total bids follow:
 (A) Pacific Coast Construction Co., San Francisco, \$29,267.95.
 (B) Devincenzi & Haskins, S. F., \$29,401.00.
 (C) Robert B. McNair, Oakland, \$30,429.00.
 (D) W. J. Tobin, Oakland, \$30,570.
 (E) C. Dudley De Velbiss, Oakland, \$31,444.00.
 (F) Underground Const. Co., Oakland \$31,532.50.
 (G) Earl W. Heple, San Jose, \$31,635.00.
 (H) M. J. Lynch, San Francisco, \$33,252.50.
 (I) Fred J. Early, San Francisco, \$33,285.00.
 (J) R. G. Clifford, San Francisco, \$35,029.00.
 (K) Mills Const. Co., San Francisco, \$35,312.85.
 (L) A. Soda & Son, Oakland, \$35,514.90.

Complete unit bids will be published shortly. * 33

BIDS OPENED

SPADRA, Los Angeles Co., Calif.—Warren Southwest Inc., 2145 East 25th Street, Los Angeles, at \$64,915 submitted low bid to the State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Streets, Sacramento, for the installation and connection of a water supply line at Pacific Colony, Spadra, Los Angeles Co., Calif.

The water supply line consists of approximately 24,560 feet of 12-inch diameter water line extending from the property of the Pomona Irrigation Company in the City of Pomona through City and County sts. and roads to a domestic concrete storage reservoir on the property of the State known as Pacific Colony at Spadra. The work also includes approximately 1500 feet of 6-inch pipe from the 12-inch line to an irrigation system, together with all head-works and equipment.

Total bids follow:
 Warren Southwest Inc., 2145 E. 25th St., L. A., \$64,915.00.

PIMA COUNTY, ARIZ.—HWY. IMPROVEMENT—(State)

PIMA COUNTY, Ariz.—E. L. Yeager, Phoenix, at \$61,396.72, submitted low bid to the Arizona Highway Commission, Phoenix, for highway improvement on FAS 120-C, (I) (1939). AFE 8510. Ajo-Gila Bend Highway. The work, which begins at Ajo and extends northerly about 4 1/2 miles consists of grading, draining and bituminous treated base course and is to be completed on or before March 15, 1939.

Work involves:
 (1) 22,508 c.v. roadway excavation (unclass.);
 (2) 13,609 c.v. drainage excavation (unclass.);
 (3) 7,900 l.f. grader ditches;
 (4) 506 c.v. structural excavation (unclass.);
 (5) 11,007 sta. yd. station yard overhaul;
 (6) 790 c.v. ml. cubic yard mile haul;
 (7) 47,600 c.y. imported borrow (CIP);
 (8) 13,066 c.v. select material base course (CIP);
 (9) 8,706 tons aggregate base course (CIP);
 (10) 3,600 c.v. stripping pits;
 (11) 3,401 M. gal. sprinkling (CIP);
 (12) 941 hours rolling;
 (13) 206 c.v. class "A" concrete (incl. cement);
 (14) 20,855 lbs. reinforcing steel (bars) (CIP);
 (15) 490 l.f. 18-in. CMP. (CIP except excavation);

	(A)	(B)	(C)	(D)
(1)	24	30	25	25
(2)	24	25	25	25
(3)	05	06	03	05
(4)	35	100	100	75
(5)	02	03	03	02
(6)	30	40	20	25
(7)	31	28	30	30
(8)	28	33	33	35
(9)	60	58	72	70
(10)	10	20	10	10
(11)	185	150	200	180
(12)	275	300	300	300
(13)	2000	2200	2100	2500
(14)	05	06	05	06
(15)	185	200	160	175
(16)	275	300	250	275
(17)	335	400	320	325
(18)	500	550	500	475
(19)	300	400	300	500
(20)	1000	700	1000	1000
(21)	200	300	240	300
(22)	200	300	320	300
(23)	06	06	07	065
(24)	3500	6000	4000	5000
(25)	150	100	170	250
(26)	100	50	50	70

(16) 336 l.f. 24-in CMP, (CIP) except excavation);
 (17) 194 l.f. 30-in. CMP, (CIP) except excavation);
 (18) 500 l.f. 36-in. CMP, (CIP) except excavation);
 (19) 138 c.y. plain ribrap (CIP);
 (20) 27 c.y. rock baskets for Fords (CIP);
 (21) 46 each guide posts (CIP);
 (22) 35 each R/W markers (Type D) (CIP);
 (23) 85,242 gal. road oil (SC-2) (for bituminous treated base course and flush coat) (CIP);
 (24) 4,753 miles processing bituminous treated base course;
 (25) 226 c.y. blotter material (CIP);
 (26) 500 tons stockpiled aggregate base course (CIP).

Total bids follow:
 (A) E. L. Yeager, Phoenix, \$61,396.72.
 (B) Tiffany Const. Co., Phoenix, \$63,791.04.
 (C) Wren Southwest Inc., Los Angeles, \$64,600.55.
 (D) W. E. Hall Const. Co., Phoenix, \$64,980.87.
 (E) Oswald Bros., Phoenix, \$65,286.20.
 (F) Phoenix-Tempe Stone Co., Phoenix, \$66,169.64.
 (G) Person & Dickerson Constr. Inc., Prescott, \$68,314.27.
 (H) N. G. Hill & Co., Phoenix, \$69,913.55.
 (I) Lewis Bros., Contrs., Phoenix, \$77,460.47.

Unit prices follow:

	(E)	(F)	(G)	(H)	(I)
(1)	27	30	32	25	35
(2)	22	30	25	20	25
(3)	05	20	07	03	05
(4)	85	110	100	100	100
(5)	02	02	02	02	02
(6)	25	16	30	30	22
(7)	30	25	32	45	40
(8)	40	45	35	45	45
(9)	60	58	55	62	52
(10)	17	15	20	10	20
(11)	175	250	200	150	250
(12)	300	300	300	300	300
(13)	2300	1900	2300	2000	2400
(14)	06	06	05	05	06
(15)	200	175	200	150	200
(16)	300	260	250	250	300
(17)	350	325	350	350	400
(18)	500	525	550	500	500
(19)	350	200	300	200	350
(20)	800	500	500	600	600
(21)	300	250	200	200	200
(22)	300	250	250	200	300
(23)	06	06	07	07	08
(24)	6500	4000	6000	5000	7000
(25)	150	50	150	150	300
(26)	50	75	55	60	60

LYON COUNTY, NEV.—SURFACING—(STATE)

LYON COUNTY, Nev.—Silver State Construction Company, Inc., Fallon, at \$26,145.25 submitted low bid and awarded contract by the Nevada State Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a roadmix bituminous surface on approximately 12.10 mi. of the State Highway System from 8 1/2 miles north of Wabuska to Junction with U. S. Route 50, Route 2B and LB, Section B and A, Lyon County, Nevada.

Work involves:
 (1) Force account roadside cleanup;
 (2) 76 tons liquid asphalt, Type RC2 (seal);
 (3) 948 tons liquid asphalt, SC-2.

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	250.00	250.00	250.00	250.00	250.00	250.00
(2)	20.00	20.00	19.00	19.00	27.00	27.00
(3)	38.50	19.00	19.00	19.00	20.00	20.00
(4)	475.00	475.00	500.00	500.00	500.00	500.00
(5)	20.00	30.00	25.00	50.00	30.00	25.00
(6)	4.00	3.50	3.50	3.50	3.00	3.00
(7)	4.00	3.00	3.00	3.50	3.00	3.00

(road-mix):
 (4) 12.07 miles roadmix;
 (5) 18 each roadmix intersections;
 (6) 97 each culvert markers;
 (7) 89 each guide posts.

Total bids follow:
 (A) Silver State Const. Co., Inc., Fallon, \$26,145.25.
 (B) Dordre Const. Inc., Fallon, \$26,661.75.
 (C) Ishell Const. Co., Reno, \$26,797.50.
 (D) Geo. French Jr., Stockton, \$28,123.50.
 (E) U. B. Lee, San Leandro, \$28,243.00.
 (F) J. A. Casson, Hayward, \$28,779.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	250.00	250.00	250.00	250.00	250.00	250.00
(2)	20.00	20.00	19.00	19.00	27.00	27.00
(3)	38.50	19.00	19.00	19.00	20.00	20.00
(4)	475.00	475.00	500.00	500.00	500.00	500.00
(5)	20.00	30.00	25.00	50.00	30.00	25.00
(6)	4.00	3.50	3.50	3.50	3.00	3.00
(7)	4.00	3.00	3.00	3.50	3.00	3.00

Radich and Brown, L. A., \$65,971-20.
Gogo and Rados, L. A., \$66,650.00.
Bennett and Taylor, L. A., \$69,689.00. * 33

BIDS OPENED

SAN FRANCISCO—Pacific Coast Const. Co., 350 California St., San Francisco, at \$1677 submitted low bid to the S. F. Public Utilities Commission, Room 287, City Hall, under Hetch Hetchy Water Supply Contract No. 176, for furnishing and installing a drainage pump, piping, and electrical work at the San Joaquin Valve House.
Modesto Welding & Tank Works, Modesto, at \$1765 submitted only other bid. * 33

34— PARKS AND PLAY GROUNDS

BIDS OPENED

YERBA BUENA SHOALS, Calif.—California Nursery Co., Menlo Pk., at \$19,300 submitted low bid to the United States Golden Gate International Exposition Commission, Geo. Creel, Commissioner, at 200 Bush St., San Francisco, for performing all work and providing and paying for materials, labor, tools, equipment, transportation, and other facilities necessary for landscape treatment around a building located at Treasure Island, Yerba Buena Shoals.
Other bids were:
H. R. Sander, \$21,393.15.
R. F. Wilcox, \$21,966.40.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER beauty shop, \$300; 2237 Chestnut St.; owner, Dr. S. W. Kramer, 1026 Market St.
ALTER store, \$150; 5549 Geary St.; owner, B. P. Oliver Co., 100 Montgomery St.; contractor, G. J. Elkington, Jr., 33 Sutoro St.
ALTER storeroom, \$361; 718 Pine St.; owner, Lubbe, prem.; contractor, Adam Arras and Son, 4098 18th St.
SIGN, electric, \$100; 4701 3rd Street; owner, N. Olson, prem.; contractor, Novelty Elec. Sign Co., 419 Larkin St.
SIGN, electric, \$150; 659 Larkin St.;

owner, 659 Club, prem.; contractor, Apex Elec. Co., 363 Fell St.
ALTER dwelling, \$100; 5162 Gilman Ave.; owner, H. Rookard, prem.
ALTER dwelling, \$200; 2379 21st Ave.; owner, Andrew Burke, prem.; contractor, W. Horstmeyer, 31 Ord St.
ALTER dwelling, \$175; 233 9th Ave.; owner, Michael Mahoney, prem.; contractor, American Terrazzo Co., 36 Wood St.
SIGN, electric, \$25; 151 Taylor St.; owner, Eagle Cafe, prem.; con-

tractor, Wonderlite Neon Prod. Co., 170 Otis St.
SIGN, electric, \$60; 4300 Geary St.; owner, Gen. Pet. Corp., Oakland.
SIGN, electric, \$800; 1148 Harrison St.; owner, Metropolitan Laundry, prem.; contractor, Electric Prod. Corp., 910 Harrison St.
ALTER dwelling, \$250; 848 Washington St.; owner, Sun Wah Kue, prem.; contractor, Shang Glt and Co., 145 Waverly Place.
ALTER dwelling, \$75; 812 Carolina; owner, John Agapoff, prem.

N. C. O. QUARTERS, PRESIDIO

SAN FRANCISCO—Meyer Construction Co., 735 Portola Drive at \$297,613, submitted low bid to the War Department Office of the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, Calif., for construction and completion of nineteen double N.C.O. Quarters at Presidio of San Francisco, Calif.

fireplaces in type "b" quarters (8) deduct for linoleum bath room floors in lieu of asphalt tile (9) deduct for cast stone in lieu of limestone (10) deduct for omitting floor drains and automatic priming devices (11) deduct for omitting foundation drainage (12) deduct for omitting gas pressure regulators.

General bids were received with the following alternate proposals:

(1) Work complete (2) add for two more type "a" quarters (2a) add for two more type "b" quarters (3) deduct for omitting two type "a" quarters (3a) deduct for omitting two type "b" quarters (4) deduct for omitting sun porches (5) deduct for asbestos shingles in lieu of slab shingle tile for roofing type "a" quarters (6) deduct for omitting entrance vestibules from type "a" quarters (6a) deduct for omitting entrance vestibules from type "b" quarters (7) deduct for omitting fireplaces in type "a" quarters (7a) deduct for omitting

Complete basic bids were:
(A) Meyer Construction Co., 735 Portola Drive, S. F. \$297,613.
(B) Leo Epp, S. F., \$298,877.
(C) Anderson & Ringrose, S. F., \$302,679.
(D) K. E. Parker Co., S. F., \$305,725.
(E) Central California Const. Co., S. F., \$308,77.
(F) Monson Bros., S. F., \$313,872.
(G) Pioneer Construction Co., Seattle, \$317,000.
(H) P. F. Reilly, S. F., \$358,000.
Complete alternate proposals follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(2)	\$15,960	\$15,800	\$16,730	\$15,000	\$15,560	\$16,741	\$16,700	\$18,600
(2a)	15,828	15,600	16,585	16,000	15,230	16,540	16,000	18,500
(3)	960	14,200	15,744	15,275	15,100	14,441	12,200	18,362
(3a)	15,828	14,100	15,766	15,330	15,000	14,290	16,150	18,238
(4)	1,326	1,000	1,647	1,200	1,100	1,359	1,580	1,523
(5)	300	10	—	—	13	—	30	—
(5a)	300	10	—	—	17	—	40	20
(6)	408	450	268	485	348	442	400	441
(6a)	232	375	216	400	330	452	220	494
(7)	421	375	336	368	325	314	185	400
(7a)	421	350	336	368	340	204	210	400
(8)	28	5	105	5	95	60	1	110
(9)	84	50	600	45	55	37	140	—
(10)	18	15	10	15	—	10	15	18
(11)	62	30	—	30	120	20	40	119
(12)	9	8.50	—	8.00	11.00	4.00	9.00	10.00
(532)	1st report August 29, 1935							

NAPA COUNTY—WATER MAIN—(CITY)

NAPA, Napa County, Calif.—Devincenzi and Haskins, 440 Anza St., San Francisco, at \$28,738.10 submitted low bid to the Napa City Council, Whitfield Griffith, City Clerk, City Hall, Napa, for construction of a 24-inch pipe water main of steel pipe, a suspension bridge for carrying pipe across the Napa River, automatic chlorine and ammonia equipment, and a pressure regulator for the Water System of the City of Napa.

(2) 4.530 l.f. 24-inch steel pipe installed complete;
(3) 2 pressure regulators installed complete;
(4) Furnishing and installing all cost iron valves and finishing in place, complete.
(5) 180 l.f. pile driving, in place;
(6) 69 c.y. excavation for concrete;
(7) 22 c.y. Class A concrete;
(8) 64 c.y. Class B concrete;
(9) 1 bridge complete except piles, excavation and concrete;
(10) 1 chlorinator and aminator furnished and installed in Building furnished by the City.

(B) Pacific Coast Constr. Co., S. F., \$29,267.95.
(C) Robert B. McNair, Oakland, \$30,429.00.
(D) W. J. Tobin, Oakland, \$30,570.
(E) C. Dudley De Veibiss, Oakland, \$31,444.00.
(F) Underground Const. Co., Oakland \$31,532.50.
(G) Earl W. Heple, San Jose, \$31,635.00.
(H) M. J. Lynch, San Francisco \$33,252.50.
(I) Fred J. Early, S. F., \$33,285.00.
(J) R. G. Clifford, S. F., \$35,029.00.
(K) Mills Const. Co., S. F., \$35,312.85.
(L) A. Soda & Son, Oakland, \$35,514.90.

Devincenzi and Haskins originally submitted a total of \$29,401 which was an error. Extension of unit prices gave corrected total of \$28,738.10.

Work involves:
(1) 4.350 l.f. excavation and backfill;

Total bids follow:
(A) Devincenzi and Haskins, 440 Anza St., S. F., \$28,738.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	.62	.67	.60	.75	.75	.40	.40	.60	.72	.30	.85	.94
(2)	2.97	2.91	3.10	2.85	3.80	3.40	3.33	3.65	3.55	4.20	3.50	3.50
(3)	385.00	537.62	400.00	350.00	400.00	400.00	379.00	600.00	400.00	600.00	539.50	404.00
(4)	2760.00	2808.20	3000.00	2750.00	2500.00	2800.00	2765.45	3000.00	3750.00	2000.00	3321.00	2687.00
(5)	3.00	2.25	4.00	2.00	1.50	2.00	2.00	2.00	1.50	2.00	1.15	2.50
(6)	2.00	1.85	4.00	2.00	1.50	2.50	1.10	2.00	8.00	1.20	1.15	1.70
(7)	20.00	15.00	22.00	25.00	15.00	20.00	30.00	25.00	20.00	20.00	35.00	27.30
(8)	16.00	12.00	19.00	24.00	15.00	22.00	30.00	15.00	20.00	19.00	34.00	28.25
(9)	3000.00	3237.00	3000.00	4000.00	3500.00	4000.00	3562.27	3500.00	3000.00	3700.00	3646.00	4010.00
(10)	4350.00	4419.96	4280.00	4363.00	2500.00	4300.00	4708.00	4400.00	4200.00	4700.00	4478.00	5240.00

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Macco Bids \$593,042 on
Bridge Approach



L. A. Firm Awarded Spadra Pipeline Job



Building Permits, Advance Reports
of Building and Engineering
Projects

25
per C

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., SEPT. 24, 1938

No. 39

Macco Construction Co. Bids \$593,042 on Funston Avenue Approach to G. G. Bridge

SACRAMENTO, September 21.—Under-bidding the closest competing firm by more than \$50,000, the Macco Construction company, Clearwater, at \$593,042, today submitted the low bid to the State Division of Highways for construction of the "Funston Avenue Approach" to the Golden Gate Bridge in San Francisco.

Macco Construction company, builders of the Waldo Approach to the Golden Gate span, offered the lowest of twelve bids submitted to the Division of Highways today.

MacDonald & Kahn Co., Ltd., at \$643,781, submitted the second lowest proposal, followed by Heafey-Moore Company and Fredrickson & Watson, bidding jointly, at \$645-810.70.

Total Bids

Bids ranged from the low proposal of \$593,042 to \$824,124.20.

Complete total bids follow:

Macco Construction Co.....	\$593,042.00
MacDonald & Kahn Co.....	643,781.00
Heafey-Moore Co. and Fredrickson & Watson.....	645,810.70
Union Paving Co.....	657,626.50
David H. Ryan.....	664,796.00
Eaton & Smith.....	685,765.70
Clinton Construction Co.....	725,163.80
Fredericksen & Westbrook	750,315.30
Bates & Rogers Const. Co.	753,599.72
Barrett & Hilp and Chas. L. Harney	763,833.00
George Pollock Co.....	774,466.50
R. G. Clifford.....	824,124.20

Tunnel and Grading

The job involves approximately 2.1 miles of grading and 1300 feet of reinforced concrete tunnel construction.

The "Funston Avenue Approach" will run from Lake street through the Presidio to the Golden Gate Bridge and will form part of an arterial which will carry traffic from the Golden Gate Bridge to Sloat boulevard.

Motorists will drive along the approach for which bids were opened today on to Funston avenue and thence to Nineteenth avenue via a road across Golden Gate Park.

Nineteenth Avenue

The Nineteenth avenue project is now under construction by the City of San Francisco, being financed with State gas tax funds. The improved avenue will run from Sloat boulevard to Lincoln way, connecting at that point with

GERWICK LOW ON L. A. HARBOR JOB

LOS ANGELES, Sept. 21.—Ben C. Gerwick, San Francisco, at \$236,117, today submitted the low bid on Proposition One to the Los Angeles Harbor Commission for construction of reinforced concrete apron wharf facilities at Berths 57 and 60, Wilmington.

The Los Angeles Harbor Commission opened bids this morning on the contract—one of the largest to be placed on the market for harbor work recently. Proposition One calls for construction of reinforced concrete wharf facilities. Alternate bids were submitted, also.

the trans-park road. The first of four sections of the Nineteenth avenue project was completed recently by Charles L. Harney, and the second section is now under construction by the same contractor. Two sections remain to be constructed.

Bidders on the bridge approach contract submitted unit prices on forty-four items. Principal items included: 310,000 cubic yards of unclassified excavation; 1900 cubic yards of trench excavation; 21,500 cubic yards of structural excavation; 146,000 cubic yards of tunnel and retaining wall backfill; 40,000 cubic yards of mud removal; 480 cubic yards of Portland cement concrete pavement; 21,000 cubic yards of Portland cement concrete structures; 2,900,000 lbs. of bar reinforcing steel; 10,000 lbs. of miscellaneous steel; and 6,100,000 station yards overhaul.

No other bids were opened by the State Division of Highways today.

KELLY AWARDS PACIFIC COLONY PIPELINE JOB

Station Improvement, Traffic Stripe Contracts Awarded

SACRAMENTO, Sept. 21.—State Director Earl Lee Kelly of the Department of Public Works today awarded three contracts aggregating \$94,685 for work in Los Angeles, Mono and San Benito counties.

The largest contract awarded today by Mr. Kelly went to Warren Southwest, Inc., Los Angeles, at \$64,915, for construction of a pipe line for Pacific Colony at Spadra, Los Angeles county.

The pipeline will be a 12-inch line about 24,560 feet long, connecting the Spadra domestic storage reservoir with the property of the Pomona Irrigation Company in the City of Pomona.

Work also includes construction of headworks and equipment and a 6-inch pipeline about 1500 feet long, to connect the 12-inch line to an irrigation system.

Water Shortage

Construction of the pipeline was made necessary by the shortage of water at Pacific Colony. The Colony at present depends on wells for its water supply. However, the wells cannot supply the necessary amount of water, and the pipeline will be constructed in order to obtain water from the Pomona Irrigation Company line.

The second largest contract was awarded to R. J. Daum, Inglewood at \$24,000, for construction of a boiler house, gas and oil station, at the Division of Highways Station at Conway Summit, Mono Co. The sheds will be wood frame buildings covered with corrugated iron and having concrete floors.

The third contract went to S. A. Cummings, San Diego, at \$5,270, for applying about 820 miles of traffic stripe to pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara counties.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3036	Evers	Owner	4000
3037	Marin	Elec. Prod.	1200
3038	Sharman	Owner	8000
3040-1	Standard	Owner	3500
3042-4	Tee Pee	Owner	3500
3045	Alden	Augenstein	1500
3046	Jacobsen	Jones	3400
3047	Kolsberg	Owner	3000
3048	McCrystal	McKean	4000
3049	Mills	Cahill	5000
3050	Mills	Cahill	3000
3051	Niemela	Owner	4000
3052	Standard	Owner	6000
3053	Bayles	United Rfg.	1555
3054	Betche	Miller	2000
3055	Hall	Miller	2000
3056	Hamon	Owner	2000
3057	Hansen	Miller	2000
3058	Hurly	Erickson	4000
3059	La Peyri	Miller	2000
3060	R C Archbishop	Owner	3000
3061	Thomas	Swanson	4000
3062	Costello	Owner	4000
3063	Darnburg	Carlson	1500
3064	Krieger	Owner	7400
3065	Meyer	Owner	4000
3066	Pacific States	Akard	9000
3067	Petmiello	Ragni	4500
3068	Pizzo	Owner	3000
3069-71	Struthers	Owner	2750
3072	Bennett	Modern	1000
3073	Chinatown	Owner	3500
3074	Costello	Owner	4000
3075	Driscoll	Harder	2800
3076	Durnan	Cahill	4000
3077	Kern	Owner	5000
3078	Tide Water	Owner	9000
3079	Woodbeck	Harder	3800
3080	Arnold	Hockings	2500
3081	David	Simmons	1000
3082	Elzner	Olafson	3000
3083	Kinney	Bomerer	1500
3084	Lindsay	Owner	3500
3085	Lurie	Cahill	15000

DWELLING

(3036) W. 22nd AVE. 125 S. Vicente. One-story and basement frame dwelling.
Owner—Kenneth Evers, 55 San Rafael Way.
Architect—C. O. Clausen, 746 46th Ave. \$4000

SIGN

(3037) 1683 HOWARD ST. Roof sign.
Owner—Marin Dairymens' Milk Co., premises.
Contractor—Elec. Prod. Corp., 910 Harrison St.
Architect—Not given. \$1200

FLATS

(3038) S. GREENWICH 156 W. Broderick St. Two-story and basement frame flats.
Owner—Thos. R. Sharman, 3700 Broderick.
Architect—Not given. \$8000

FLATS

(3039) S. GREENWICH 181 W. Broderick St. Two-story and basement frame flats.
Owner—Thos. R. Sharman, 3700 Broderick St.
Architect—Not given. \$8000

DWELLING

(3040) E. 36th AVE. 275 N. Santiago. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500

DWELLING

(3041) E. 36th AVE. 275 N. Santiago. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500

DWELLING

(3042) S. W. AVALON 25 N. W. Athens. One-story and basement frame dwelling.
Owner—The Tee Pee Const. Co., 308 Scott St.
Architect—Not given. \$3500

DWELLING

(3043) S. W. AVALON 50 N. W. Athens. One-story and basement frame dwelling.
Owner—Tee Pee Const. Co., 308 Scott St.
Architect—Not given. \$3500

DWELLING

(3044) S. W. AVALON 75 N. W. Athens. One-story and basement frame dwelling.
Owner—Tee Pee Constr. Co., 308 Scott St.
Architect—Not given. \$3500

ALTERATIONS

(3045) 115 JONES ST. Alter bowling alley.
Owner—Harry Alden, 2307 30th Ave.
Contractor—A. E. Augenstein, Jr., 516 Grandview Ave.
Architect—Not Given. \$1,500

DWELLING

(3046) S. ULLOA 107 E 14th Ave. One - story and basement frame dwelling.
Owner—C. Jacobson, 212 Gates St.
Contractor—Thos. M. Jones, 643 29th Avenue.
Architect—Not Given. \$3,400

DWELLING

(3047) NW NAPLES 33 NW Amazon. One - story and basement frame dwelling.
Owner and Buider—T. Kolsberg, 3923 17th Street.
Architect—Not Given. \$3,000

DWELLING

(3048) W 32nd AVE. 100 S Irving. One - story and basement frame dwelling.
Owner—Chas. McCrystal, 40 Parsons.
Contractor—C. T. McKean, 2194 30th Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(3049) NE BUSH and Montgomery. Alter office.
Owner—Mills Estate, Inc., Mills Bldg.
Contractor—Cahill Bros., 206 Sansome Street.
Engineer—A. Torrigno, Mills Bldg.
\$5,000

ALTERATIONS

(3050) 276 BUSH ST. Alter store.
Owner—Mills Estate Inc., Mills Bldg.
Contractor—Cahill Brothers, 206 Sansome Street.
Engineer—A. Torrigno, Mills Bldg.
\$3,000

FLATS

(3501) N CASELLI AVE. 25 West Clara. Two-story and basement frame flats.
Owner and Builder—J. S. Niemala, 141 Caselli Ave.
Architect—Not Given. \$4,000

SERVICE STATION

(3052) SE BAKER and Fulton Sts. Service station.
Owner and Builder—Standard Oil Co., 225 Bush Street.
Architect—Not Given. \$6,000

ALTERATIONS

(3053) 211 GOUGH ST. Alter apts.
Owner—Mary J. Bayles, 211 Gough.
Contractor—United Roofing & Siding Co., 2906 Mission Street.
Architect—Not Given. \$1,555

ALTERATIONS

(3054) 1522 19th AVE. Alter dwelling.
Owner—A. Betche, 1522 19 h Ave.
Contractor—Miller & McGillis, 4444 Geary Blvd.
Architect—Not Given. \$2,000

ALTERATIONS

(3055) 1530 19th AVE. Alter dwelling.
Owner—Geo. Hall, 1530 19th Avenue.
Geary Boulevard.
Architect—Not Given. \$2,000

(3056) 149 JORDAN AVE. Alter dwelling.

Owner and Contractor—Dr. J. Hamon, 149 Jordan Avenue.
Architect—Not Given. \$2,000

ALTERATIONS

(3057) 1526 19th AVE. Alter dwelling.
Owner—John Hansen, 1536 19th Ave.
Contractor—Miller & McGillis, 4444 Geary Boulevard.
Architect—Not Given. \$2,000

DWELLING

(3058) NE EDINBURGH & Brazil. One - story and basement frame dwelling.
Owner—J. Hurly, c/o contractor.
Contractor—H. Erickson, 972 Chenery Street.
Architect—Not Given. \$4,000

ALTERATIONS

(3059) 1518 19th AVE. Alter dwelling.
Owner—G. La Peyri, premises.
Contractor—Miller & McGillis, 4444 Geary Boulevard.
Architect—Not Given. \$2,000

ALTERATIONS

(3060) SE BUSH and Lyon. Alter chapel.
Owner and Contractor—R. C. Archbishop of S. F., 1100 Franklin St.
Architect—John J. Foley, 770 Fifth Avenue. \$3,000

DWELLING

(3061) W PLYMOUTH 100 S Thrift. One - story and basement frame dwelling.
Owner—C. L. Thomas, c/o contractor
Contractor—Swanson and Ward, 4315 Lincoln Way.
Owner—Not Given. \$4,000

DWELLING

(3062) W 27th AVE. 131 N Cabrillo. One - story and basement frame dwelling.
Owner and Builder—Laurence Costello, 352 27th Avenue.
Architect—Not Given. \$4,000

ALTERATIONS

(3063) 1401 14th AVE. Alter dwelling.
Owner—Michael Darnburg, premises.
Contractor—Carlson & Nelson, 1305 38th Avenue.
Architect—Not Given. \$1500

DWELLING
 (3064) N VENTURA Ave. 140 SE
 Linares. One-story and basement
 frame dwelling.
 Owner—L. B. and V. Krieger, 350 La-
 guna Honda.
 Contractor—Not Selected.
 Architect—E. H. Denke, 1317 Hyde
 Street. \$7,400

DWELLINGS
 (3065) N ENCLINE COURT 100,
 133, 177 E Del Vale Ave. Three
 one - story and basement frame
 dwellings.
 Owner and Builder—Meyer Bros., 735
 Portola Drive.
 Architect—Not Given. \$4000 ea.

STORE & OFFICE
 (3066) SW 19th AVE. and Irving St.
 Two-story and basement frame
 store and office.
 Owner—Pacific States Savings and
 Loan, 745 Market St.
 Contractor—W. C. Akard, 225 Cer-
 vantes Blvd.
 Architect—Albert Roller, Crocker 1st
 National Bank Bldg. \$9,000

DWELLING
 (3067) NW RAYMOND 25 E Alpha.
 One - story and basement frame
 dwelling.
 Owner—Emmett Petmiello, 134 Ar-
 leta Avenue.
 Contractor—Jos. Ragnl, 134 Arleta.
 Architect—Not Given. \$4,500

DWELLING
 (3068) SW FOLSOM and Eugene.
 One - story and basement frame
 dwelling.
 Owner and Builder—Calogero Pizzo,
 3702 Folsom Street.
 Architect—Not Given. \$3,690

DWELLINGS
 (3069-71) NE TOPEKA 268, 216, 242
 S Silver Ave. Three one-story
 and basement frame dwelling.
 Owner and Builder—M. T. Struthers,
 4250 Mission Street.
 Architect—Not Given. \$2750 each

ALTERATIONS
 (3072) 1370 PAGE ST. Alter dwell-
 ing.
 Owner—John W. Bennett, premises.
 Contractor—Modernization Company
 of Calif., 3601 Geary Blvd.
 Architect—Not Given. \$1,900

ALTERATIONS
 (3073) 15-17 CAMERON ALLEY.
 Alter stores.
 Owner and Builder—Chinatown Imp.
 Co., 11 Cameron Alley.
 Architect—Not Given. \$3,500

DWELLINGS
 (3074) E 25th AVE. 193, 218, 243, 268
 S Noriega. Four one-story and
 basement frame dwellings.
 Owner and Builder—Michael Costel-
 lo, 821 34th Avenue.
 Architect—Not Given. \$4000 each

DWELLING
 (3075) S TEDDY 175 NW San Bruno.
 One - story and basement frame
 dwelling.
 Owner—Frank E. Driscoll, c/o con-
 tractor.
 Contractor—G. Harder, 240 Van Ness
 Ave. South.
 Architect—Not Given. \$2,500

ALTERATIONS
 (3076) 753 BUSH ST. Alter hotel.
 Owner—Mabel F. Durnan, 625 Mar-
 ket Street.
 Contractor—Cahill Bros., 206 San-
 some Street.
 Engineer—L. H. Nishkan, 526 Mar-
 ket Street. \$4,000

DWELLING
 (3077) S PACHECO 190 W Oriol.
 Two - story and basement frame
 dwelling.
 Owner and Builder—W. H. Kern, 768
 Eighth Ave.
 Architect—Not Given. \$5,000

ALTERATIONS
 (3078) SE MARKET and Dolores.
 Alter service station.
 Owner—Tide Water Assd. Oil Co., 79
 New Montgomery St.
 Contractor—Not Selected.
 Architect—Not Given. \$9,000

DWELLING
 (3079) S MONTEREY Blvd. 225 E
 Detroit. One-story and basement
 frame dwelling.
 Owner—C. and G. Woodbeck, c/o
 contractor.
 Contractor—G. Harder, 240 Van Ness
 Avenue South.
 Architect—Not Given. \$3,800

DWELLING
 (3080) 362-64 31st AVE. Alter dwell-
 ing.
 Owner—Fred Arnold, San Jose, Cal.
 Contractor—Hockings Service, 2216
 Clement St.
 Architect—Not given. \$2500

DWELLING
 (3081) E MORELAND 123 N Dia-
 mond. One-story frame dwelling.
 Owner—A. T. David, c/o cont.
 Contractor—D. R. Simmons, 46 War-
 field St.
 Architect—Not given. \$1000

ALTERATIONS
 (3082) S.W. EDNA AND STAPLES.
 Alter dwelling and stores.
 Owner—Gus Elzner, premises.
 Contractor—Sig. J. Olafson, 2685 Dia-
 mond St.
 Architect—Not given. \$3000

ALTERATIONS
 (3083) 855 CASTRO ST. Alter dwell-
 ing.
 Owner—J. E. Kinney, 836 Castro St.
 Contractor—Michael and Bomerer,
 762 De Haro St.
 Architect—Not given. \$1500

DWELLINGS
 (3084) E CAYUGA 200, 225, 250, 275,
 300, 325, 250, 275 S. Geneca. Eight
 (8) 1-story and basement frame
 dwellings.
 Owner—C. T. Lindsay, 820 Taraval.
 Architect—Not given. \$3500 each

ALTERATIONS
 (3085) 540 VAN NESS AVE. Alter
 office bldg.
 Owner—The Lurie Co., 333 Montgom-
 ery St.
 Contractor—Cahill Bros., 206 San-
 some Street.
 Architect—Not given. \$15,000

ALAMEDA COUNTY				
No.	Owner	Contractor	Amt.	
2274	Harter	Troley	1000	
2275	Peel	Owner	3500	
2276	Cowley	Owner	4400	
2277	Dowling	Owner	3700	
2278	Morris	Christensen	12000	
2279	Newsom	Dream Home	2400	
2280	Finish	Owner	4500	
2281	Pierson	Owner	8000	
2282	Hewitt	Townson	4900	
2283	Hubbard	Owner	4500	
2284	Linton	Patterson	4000	
2285	Pomalo	Benassin	3000	
2286	Schaefer	Bradhoff	3000	
2287	S P	Owner	4000	
2288	Woodward	Justice	3600	
2289	Frankie	Owner	3000	
2290	McGlohn	Walker	6000	
2291	Mobilize	Buel	5000	
2292	Abrott	Vangh	2000	
2293	Gerhart	Owner	3000	

2294	Mendonca	Hansen	5000
2295	Ritchhart	Owner	4000
2296	Stengle	Petersen	5500
2297	Sanchez	Rubenstein	4400
2298	Baney	Owner	1000
2299	Manrow	Chasmar	1200
2300	Mullaney	Owner	3500
2301	Reynolds	Dooley	4500
2302	Tisher	Owner	3850
2303	Boggs	MacGregor	2200
2304	Kesti	Owner	3300
2305-6	Read	MacGregor	2400
2307-8	Vila	Owner	3000
2309	Atlas	Johnson	2700
2310	Hill	Owner	4000
2311	Landauer	Farringer	7000
2312	Leoni	Johnson	5500
2313	McCarthy	Owner	5000
2314	Paxman	Schneck	7000
2315	Peters	Peters	2950
2316	Rattos	Orro	1200
2317	Sanders	Murphy	1800
2318	Scammel	Owner	5000
2319	Youell	Sheridan	1341

(2274) 2420 ASHBY, BERKELEY.
 Garage.
 Owner—Guy Harter, 2420 Ashby.
 Contractor—A. E. Trolie, 2923 Ellis
 Street.
 Architect—Not given. \$1000

DWELLING
 (2275) 2405 DERBY, BERKELEY.
 One-story, 5-room frame dwell-
 ing and garage.
 Owner and Builder—M. A. Peel, 10
 Oakvale.
 Architect—W. W. Dixon, 5th Ave.,
 Oakland. \$3500

DWELLING
 (2276) N.W. COR. MERRIEWOOD
 DR. and Haurus Ave., Oakland.
 One-story, 5-room dwelling.
 Owner and Builder—John P. Cowley,
 372 Taurus Ave.
 Architect—Not given. \$4400

DWELLING
 (2277) 4317 CARSON, OAKLAND.
 One-story, 5-room dwelling.
 Owner and Builder—S. J. Dowling,
 2800 Clay St., Alameda.
 Architect—Not given. \$3700

SHOP AND SHED
 (2278) 3000 ELMWOOD AVENUE,
 OAKLAND. One-story, 2-room
 concrete shop and shed.
 Owner—Morris Draying Co., 3000
 Elmwood Ave.
 Contractor—H. J. Christensen, 1955
 Webster St.
 Architect—Alben Froberg. \$12,000

DWELLING
 (2279) 1007 87th AVE., OAKLAND.
 Two-story, 4-room dwelling.
 Owner—Marian Newsom, 9805 Foot-
 hill Blvd.
 Contractor—Dream Home Builders,
 416 Kearny St., S. F.
 Architect—Not given. \$2400

DWELLING
 (2280) 2139 BYRON, BERKELEY.
 One - story 6-room frame dwell-
 ing and garage.
 Owner and Builder—Finnish Luth-
 eran Church, Allston Way and
 Byron Street.
 Architect—Not Given. \$4,300

DWELLING
 (2281) 930 CRESTON RD., BERKE-
 LEY. One-story 7-room frame
 dwelling and garage.
 Owner and Builder—Wm. M. Pier-
 son, 5316 Golden Gate Avenue.
 Architect—Not Given. \$8,000

DWELLING
 (2282) W CAPRICORN AVE. Lot 5
 Blk G, OAKLAND. One-story 5-
 room dwelling.
 Owner—Phil Heraty, 488 Fairbanks
 Avenue.

- Contractor—Harry K. Jensen, 2757 Rawson Street.
Architect—Not Given. \$4,300
Also 1-story garage, \$200.
- DWELLING**
(2283) 5920 AVACA Avenue, OAKLAND. Two-story 6-rm. dwelling.
Owner and Builder—J. T. Hubbard, 5412 Proctor Ave.
Architect—Not Given. \$4,500
- DWELLING**
(2284) 7120 SUNKIST DR., OAKLAND. One-story 5-rm. dwelling.
Owner—G. W. Linton, 4005 Hopkins.
Contractor—J. F. Patterson, 7621 Foothill Blvd.
Architect—Not Given. \$4,000
- ALTERATIONS**
(2285) 501 OAKLAND AVE. 146-148 Santa Clara, OAKLAND. Alterations to stores.
Owner—Alice Pomilio, premises.
Contractor—Joe Benassini, 620 51st Street.
Architect—R. A. Hutchinson, 3433 Andover Street. \$3,000
- DWELLING**
(2286) 5931 SHERWOOD DR., OAKLAND. One-story 3-rm. concrete dwelling.
Owner—E. O. Schaefer, 209 Capricorn Ave.
Contractor—C. O. Bradhoff, 911 55th Street.
Architect—Not Given. \$3,600
- ADDITION**
(2287) FIRST and Market Streets, OAKLAND. Frame addition to warehouse.
Owner and Builder—Southern Pacific Co., Oakland Pier.
Architect—Not Given. \$1,000
- DWELLING**
(2288) 3225 MORCOM AVE., OAKLAND. One-story 6-rm. dwelling.
Owner—D. S. Woodward, 3014 56th Ave., Oakland.
Contractor—N. F. Justice, 2206 Clinch Ave., Alameda.
Architect—Not Given. \$3,600
Also 1-story garage, \$150.
- DWELLING**
(2289) 1113 CHAUCER, BERKELEY. One-story 4-room frame dwelling and garage.
Owner and Builder—Oscar Frakie, premises.
Architect—Victor Rose, 1229 Chan-ning Way. \$3,000
- DWELLING**
(2290) 701 CRESTON, BERKELEY. One-story 5-room frame dwelling and garage.
Owner—Capt. R. H. McGlohn, 1014 Grizzly Peak.
Contractor—J. M. Walker, 401 Spruce St., Berkeley.
Architect—W. Patton, 401 Spruce. \$6,000
- BUILDING**
(2291) 1001 UNIVERSITY AVE., BERKELEY. One-story 5-room building.
Owner—Mohlize Women of Berkeley, Ninth and University.
Contractor—E. H. Buel, 1295 Hearst.
Architect—M. Maybeck, Berkeley. \$5,000
- ADDITION**
(2292) 1196 32nd ST., OAKLAND. Addition.
Owner—L. A. Abbott, premises.
Contractor—Wiley T. Vaughn, 103 Bayo Vista Ave.
Architect—Not Given. \$2,000
- DWELLING**
(2293) 1301 7th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Harry Gearhart, 7219 Holly Street.
Architect—Not Given. \$3,000
Also 1-story garage \$75.
- DWELLING**
(2294) 2551 WAKEFIELD AVE., OAKLAND. One-story five-rm. dwelling.
Owner—H. Mendonca.
Contractor—M. Hansen, 305 105th Avenue.
Architect—Not Given. \$5,000
- DWELLING**
(2295) 3434 38th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—H. G. Ritchhart, 3909 Quigley Street.
Architect—Not Given. \$4,000
- DWELLING**
(2296) SW COR. LA CUESTA and MONTERA, OAKLAND. One-story 5-room dwelling.
Owner—E. Stengle, 3502 Laguna Ave.
Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave.
Architect—Not Given. \$5,500
- GARAGE**
(2297) 2989 SAN PABLO AVENUE, BERKELEY. One-story 1-room public garage.
Owner—Arthur Sanchez, premises.
Contractor—K. Rubenstein and Son, 668 6th St., Oakland.
Architect—Not Given. \$4,400
- DWELLING**
(2298) 1911 GROVE ST., OAKLAND. Fire repairs.
Owner and Builder—Gordon Baney, premises.
Architect—Not Given. \$1,000
- ALTERATIONS**
(2299) 5456 RUTH AVE., OAKLAND. Alterations.
Owner—Geo. C. Marrow, 5456 Ruth Street.
Contractor—C. E. Chasmar, 4257 Sutherland Street.
Architect—Not Given. \$1,200
- OFFICE**
(2300) 2201 FRUITVALE AVENUE, OAKLAND. One-story office building.
Owner and Contractor—P. F. Mul-lanev, 2926 East 22nd St.
Architect—Not Given. \$3,500
- DWELLING**
(2301) 4273 ATLAS AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—Lillian Reynolds.
Contractor—F. T. Dooley, 4100 35th Avenue.
Architect—Not Given. \$4,500
- DWELLING**
(2302) 3729 MADRONE, OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—C. R. Tisher, 6127 Foothill Blvd.
Architect—Not Given. \$3,800
- DWELLING**
(2303) 924 EVELYN AVE., BERKELEY. One-story 4 room frame dwelling.
Owner—Charlotte MacGregor Boggs, 1019 Waverly Ave., Palo Alto.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2,200
- DWELLING**
(2304) 1420 CURTIS, BERKELEY. One-story 5 room frame dwelling and garage.
Owner and Builder—David Keati, 2217 Browning.
Architect—Not given. \$3,300
- DWELLING**
(2305) 726 TALBOT, ALBANY. One-story 4 room frame dwelling.
Owner—Florence MacGregor Read, 300 Scenic Ave., Piedmont.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2,400
- DWELLING**
(2306) 724 TALBOT, ALBANY. One-story 4 room frame dwelling.
Owner—Florence MacGregor Read, 300 Scenic Ave., Piedmont.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2,400
- DWELLING**
(2307) 97C STANNAGE, ALBANY. One-story 5 room frame dwelling.
Owner and Builder—Joe Vila, 1207 Solano.
Architect—Not given. \$3,000
- DWELLING**
(2308) 971 STANNAGE, ALBANY. One-story 5 room frame dwelling.
Owner and Builder, Joe Vila, 1207 Solano.
Architect—Not given. \$3,000
- ADDITION**
(2309) 1000 19th AVE., OAKLAND. Con. add. and alter.
Owner—Atlas Imperial Diesel Engine Co., 1000 19th Ave.
Contractor—S. G. Johnson, 4652 Dolores Ave.
Architect—Not given. \$2,700
- DWELLINGS**
(2310) 3018-3024 82nd AVE., OAKLAND. One-story 5 room dwelling.
Owner and Builder, Frank R. Hill, 4162 35th Ave.
Architect—Not given. \$4,000 ea.
- DWELLING**
(2311) 2100 FUNSTON PLACE, OAKLAND. One-story 6 room dwelling.
Owner—Frank Landauer, 2100 Fun-eston Place.
Contractor—J. A. Farringer, 1806 Central Ave., Alameda.
Architect—Not given. \$7,000
- DWELLING**
(2312) 28 EL CARMELLO CIRCLE, OAKLAND. One-story 6 room dwelling.
Owner—M. L. Leoni.
Contractor—O. W. Johnson, 3721 Young Ave.
One-story garage, \$200.
Architect—Not given. \$5,500
- DWELLING**
(2313) 3037 DAVIS ST., OAKLAND. One-story 5 room dwelling.
Owner and Builder—Daniel McCar-thy, 2647 Fruitvale Ave.
Architect—Not given. \$5,000
- ALTERATIONS**
(2314) 445 30th ST., OAKLAND. Alter and addition.
Owner—Dr. D. G. Paxman.
Contractor—A. W. Schneck, 3127 Herriott Ave.
Architects—W. D. Reynolds and L. Chamberlain, 361 17th Street. \$7,000
- DWELLING**
(2315) 70 ABBOTT DRIVE, OAKLAND. One-story 4 room dwell-ing.
Owner—L. A. Peters, 631 15th St.
Contractor—A. Lester Peters, 223 Duncan Way.
Architect—Not given. \$2,950
- ALTERATIONS**
(2316) 817-19-21 WASHINGTON ST.,

OAKLAND. Alterations.
 Owner—Ratto's.
 Contractor—Lewis Orro, 3210 63rd Ave.
 Architect—John J. Kist, 685 6th St., San Francisco. \$1200

ADDITION
 (2317) 3481 FRUITVALE AVENUE, OAKLAND, Addition.
 Owner—H. Sanders, 3431 Fruitvale Ave.
 Contractor—Wm. J. Murphy, 1029 Pomona Ave., Albany.
 Architect—Not given. \$1800

DWELLING
 (2318) 139 SONIA ST., OAKLAND. Two-story 6-room dwelling.
 Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
 Architect—Not given. \$5000

ADDITION
 (2319) 3001 TELEGRAPH AVENUE, OAKLAND, Addition.
 Owner—Frank Youell, 3001 Telegraph
 Contractor—Robt. E. Sheridan, 748 Oakland Ave.
 Architect—F. H. Slocombe. \$1341

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

364 Pac. States Akard 11474
 365 Edwards Cahill 141865
 366 Oakwood Buttun 1896

BUILDING
 (363) S.W. IRVING & 19th AVE. Store and office building.
 Owner—Pacific States Savings & Loan, 745 Market St.
 Architect—Albert F. Roller, Crocker First National Bank Bldg.
 Contractor—W. C. Akard, 225 Cervantes Blvd.

Filed Sept. 15, '38. Dated Sept. 15, '38.
 Roof on 25%
 Brown coat 25%
 Completion 25%
 Usual 35 days 25%
 TOTAL, \$11,474

Bond, \$11,474. Sureties, American Surety Co. of N. Y. Plans and specifications filed.

COFFEE PLANT
 (365) MARIPOSA and Arkansas Sts. Three-story reinf. concrete coffee plant.
 Owner — Dwight Edwards Co., 255 12th Street.
 Engineer—Jesse Rosenwald, 525 Market Street.

Contractor—Cahill Bros., 206 Sansome Street.
 Filed, Sept. 20, '38. Dated, Sept. 16, '38
 Monthly payments of 85%
 Usual 35 days 15%
 TOTAL COST, \$141,865

Bond, \$141,865. Sureties, U. S. Guarantee Co. Limit, March 19, 1939
 Plans and Spec. filed.

BLDG. INTERIOR
 (366) YERBA BUENA Shoals. In-stall interior of barbecue hldg.
 Owner—The Oakwood Barbecue.
 Architect—Wm. Gladstone Merchant, 235 Montgomery Street.
 Contractor—Button's Planing Mill, 39 Sheridan St.
 Filed, Sept. 20, '38. Dated, Sept. 9, '38
 Shop work complete 5948
 Completion 948
 TOTAL COST, \$1396

Limit, 45 days.

**SAN FRANCISCO COUNTY
 PERMITS UNDER \$1000**

ALTER dwelling, \$950; 491 Dewey Blvd.; owner, B. W. Kaskel, 491 Dewey Blvd.

SIGN, electric, \$100; 317 O'Farrell; owner, Model Cleaners, premises contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, elec., \$200; 543 Divisadero St.; owner, Barney's, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER flat, \$20; 1214 Fulton St.; owner, Mrs. Edith Silva, prem.

ALTER apts., \$100; 2315 Chestnut; owner, Dr. E. O. B. Reichmuth, 200 Alhambra.

SIGN, elec., \$300; 507 Market St.; owner, Walter's Rest., premises; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

ALTER dwelling, \$200; 479 Texas; owner, Angela Rancho, prem.; contractor, V. Oliva, 927 Hampshire St.

SIGN, elec., \$190.00, 579 Monterey; owner, R. Omi, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.

ALTER flats, \$800; 810 Vallejo St.; owner, R. Thompson, c/o contractor, J. Youell, Carrett and Hill, 918 Harrison St.

ALTER dwelling, \$900; 937 Hollister St. owner, Bert Modino, 823 Hollister St.; contractor, Hanson Bros., 5840 Mission St.

ALTER dwelling, \$860; 2925 Diamond St.; owner, W. H. Paczock, 2925 Diamond St.; contractor, National Roofing and Siding Co., 2172 Market St.

SIGN, elec., \$700; 1148 Harrison St.; owner, Metropolitan Laundry Co. premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, elec., \$600; 544 Broadway; owner, Bruno and Marcello, 544-46 Broadway; contractor, QRS Neon Corp., Ltd., 690 Potrero.

SIGN, elec., \$200; 3154 Fillmore St.; owner, P. Aliotti, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, elec., \$300; 201 Jones Street; owner, Toddle Inn, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER restaurant, \$150; 460 McAllister St.; owner, Frank Lee, 929 Jackson; contractor, Shang, 145 Waverly Place.

BILLBOARD, \$7; SW Geneva and Paris; owner & contractor, Foster & Kleiser Co., 1675 Eddy St.

SIGN, elec., \$250; 507 Market Street; owner, Peter Walter, premises; contractor, QRS Neon Corp. Ltd. 690 Potrero Ave.

ALTER dwelling, \$300; 2011 Golden Gate Ave.; owner, J. D. Nipper, premises; contractor, R. L. Cougle, 1910 Divisadero St.

SIGN, elec., \$200; 766 Post Street; owner, Thrifty Cleaners, prem.; contractor, J. K. Herzog Electric Co., 370 Van Ness Ave. South.

ALTER dwelling, \$800; 2120 Post; owner, S. Y. Chan, 1979 O'Farrell St.; contractor, J. Atkinson, 430 Hickory St.

ALTER dwelling, \$550.00; 1875 21st Ave.; owner, Wm. H. Stevens, premises; contractor, Modernization of Calif., 3601 Geary Blvd.

SIGN, elec., \$200; 871 Geary Street; owner, J. Moss, premises; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$150; 916 Silver Ave.; owner, Mrs. Monaca, 916 Silver Ave.; contractor, Charles Koenig Sons, 208 Dorland.

ALTER dwelling, \$294; 1138 Keith; owner, L. Dei, prem.; contractor, E. Grannucci, 82 Naples St.

GARAGE, frame, \$400; N Pixley 100 W Fillmore St.; owner, George Franchi, 230 Pixley St.; contractor, Tony D'Amico, 2345 Polk St.

SIGN, electric, \$300; 1500 Van Ness Ave.; owner, Tide Water Ass.

Oil Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER dwelling, \$200; 562 Ellington Ave.; owner, C. Cargnaro, premises.

SIGN, elec., \$150; 40 Jones Street; owner, New Moon Cafe, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.

ALTER flats, \$500; 19-21 Precita; owner, L. Casalegno, 2986 Folsom St.; contractor, Golden Gate Con. Co., 344 Kearny St.

ALTER dwelling, \$400; 4072 25th St.; owner, G. Linher, prem.; contractor, Henry Erickson, 972 Chenery St.

ALTER flats, 434-36 19th Ave.; owner, L. Bordegaray, 1212 Divisadero St.; contractor, J. B. Bourdieu, 2621 20th St.

SIGN, electric, \$115; 1891 Haight St.; owner, Burrenson Cafe, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$125; 420 Castro St.; owner, Castro Elec. Co., prem.; contractor, Wonderlite Neon Pro. Co., 170 4th St.

ALTER dwelling, \$150; 154 Clipper St.; owner, Mary Marrow, prem.

SIGN, electric, \$100; 1260 Stockton St.; owner, Fevrier and Perrone, prem.; contractor, American El. Co., 1740 Eddy St.

SIGN, metal, \$40; 1200 Van Ness Ave.; owner, Jas W. McAllister, premises.

NURSERY, 1-story frame, \$300; S. California 103 W. Steiner; owner, T. D. Overach, 2617 California; contractor, Jos. Segals, 317 Green St.

SIGN, electric, \$125; 705 Vallejo St.; owner, Hotel Castro, prem.

ALTER dwelling, \$300; 232 18th St.; owner, C. Hill, premises; contractor, A. Berwick, 1525 Noe St.

ALTER flats, \$240; 434-36 Wailer St.; owner, H. J. McIntyre, 433 Lincoln Way; contractor, Dan C. Richardson, 2064 Golden Gate Ave.

SIGN, electric, \$320; 2350 Geary Blvd.; owner, Geary Rolla-Torium, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

BILLBOARD, \$25; S. Taaval, 100 E. 19th Ave.; owner, West Coast Adv. Co., 1430 Divisadero St.

ALTER dwelling, \$425; 467 Texas St.; owner, Michael Doherty, prem.; contractor, R. W. Merrill, 410 Mississipp.

ALTER dwelling, \$400; 69 Cayuga Ave.; owner, Carl Holzberger, premises.

FLUES, \$230; W. 47th Ave. 200 S. Santiago; owner, J. Tignard, 2330 48th Ave.; contractor, XLCR Gas Furnace Co., 183 West Portal Ave.

ALTER apts., \$450; 1145 Hayes St.; owner, Violet M. Ballew, 1145 Hayes St.

GARAGE, 1-story and basement, frame, \$400; 1241 Taraval; owner, T. Bagnone, prem.; contractor, Pesconi Const. Co., 63 Gilbert.

SIGN, electric, \$145; 766 Post St.; owner, Thrifty Cleaners, prem.; contractor, J. H. Herzog, 370 Van Ness Ave. So.

ALTER dwelling, \$180; 1234 19th Ave.; owner, E. G. Wright, prem.; contractor, S. F. Terrazzo Co., 3730 3rd St.

SIGN, roof, \$19; S.E. Market and Brad; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER shop, \$140; N.E. Hayes and Octavia; owner, R. H. Hayer, 722 17th Ave.; contractor, G. Elkington, Jr., 33 Sutro Heights.

ALTER dwelling, \$200; 121 Leese St.; owner, Mrs. Christen, prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Garages and Service Stations | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Federal Buildings | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Mfg. Co., 3215 Mission Street. |

Piping and Plumbing—Geo. P. Rist, 625 Washington Street.

Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO. Baker and Fulton Streets.

Gasoline service station.
Owner—Standard Oil Co. of Calif.
Plans by Engr. Dept. of Owner.
Contractor—Lloyd O'Brien, 369 Pine.
Electric Wiring—Atlas Electric and Engr. Co., 956 Folsom Street.
Plumbing and Piping—W. P. Goss, Inc., 4640 Geary Blvd.

Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO. Claremont and Ulloa Streets.

Gasoline service station.
Owner—Standard Oil Co. of Calif.
Plans by Engr. Dept. of Owner.
Contractor—Barrett & Hill, 918 Harrison Street.

Electric Wiring—Buzzell Elec. W'ks, 130-132 8th St.
Piping and Plumbing—A. Ramazzotti, 1474 Vallejo St.

7— FEDERAL BUILDINGS

Completing Plans
POST OFFICE Cost, \$149,000
BRAWLEY, Imperial Co., Calif.
New United States Post Office.
Owner—U. S. Government.

Plans by Supervising Architect, Treasury Dept., Wash., D. C.
Bids will probably be called early in October.

BIDS OPENED

SAN DIEGO, Calif.—V. D. Dennis Construction Co., 2911 Fifth Ave., San Diego, submitted low bid to the 11th Naval District at \$11,900, for driving found piles for combined mess hall-galley-barracks bldg. for the Fleet School Bldg., at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8899. Recommendation made that contract be awarded Dennis Co. on bids Nos. 1, 5 and 6. Complete bids follow:

V. R. Dennis Construction Co., (1) \$11,000, (2) \$8660, (3) \$3240, (4) \$9060, (5) \$4040, (6) \$15, (7) \$15.

Raymond Concrete Pipe Co., (1) \$12,676, (2) \$450, (3) \$4226, no other bids.

F. W. Steffen, (1) \$14,074, (2) \$10,230, (3) \$3844, (4) \$10,230, (5) \$3844, (6) \$25, (7) \$60. 7

BIDS OPENED

MARE ISLAND, Solano Co., Calif.
Alchons Tustodis Chimney Construction Co., 140 S. Dearborn St., Chicago, Ill., at \$15,730 submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for installing a concrete chimney for the Central Power Plant at the U. S. Navy Yard, Mare Island; Spec. No. 8930.

Complete bids follow:
Alchons Tustodis Chimney Const. Co., Chicago, \$15,730.
Rust Engineering Co., Pittsburg, \$16,973.

Baruch Corp., L. A., \$19,567.
R. E. Campbell, L. A., \$24,690.
Albert E. Mangs & Associates, San Francisco, \$31,335.
De Luca & Son, Inc., S. F., \$59,000

CONTRACT AWARDED

MARE ISLAND, Solano Co., Calif.—Nordberg Mfg. Co., Milwaukee, at

\$46,875 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for air compressor; Spec. 8823.

BIDS WANTED

RENO, Nev.—Until Sept. 28, 2:30 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif., for providing, installing and finishing complete, cement floor topping (approx. \$300 sq. ft.) in Treatment Building No. 1, Veterans' Administration Facility, Reno.

Additional Sub-Contracts Awarded
POST OFFICE Cont. Fr., \$94,460
RICHMOND, Contra Costa Co., Cal. New U. S. post office.
Owner—United States Government.
Contractor—James I. Barnes Const. Co., Builders' Exchange Building, Santa Monica.

Plans by Supervising Architect of Treasury Dept., Washington, D. C.
Limestone Corner Stone—California Cut Stone & Granite Works, Railroad and Magnolia Sts., So. S. F.
Glass and Glazing—Center Hardware & Glass Co., 600 4th St., San Francisco.

Mill Work—Central Nebraska Mill Works, Hastings, Neb.

Electric Wiring—B. J. Doherty Co., 1725 Church St., San Francisco.

Plumbing and Heating—A. L. Eicholz Screens—Orange Screen Co., Maplewood, N. J.

Sheet Metal—Morrison & Co., 74 DuBois Ave., San Francisco.

Hardwood Floors—Nowlin Hardwood Floor Company.

Steel Windows—S. H. Pomeroy Co., New York City.

Hollow Metal Work—Price Building Specialties Co., 35 Stillman St., San Francisco.

Farm Lumber—Santa Fe Lbr. Co.
Vault Doors—Schwab Safe Co., Lafayette, Ind.

Misc. and Ornamental Iron—Southgate Iron Works, 8150 Marbrisa Ave., South Gate.

Plastering—Southwest Plastering Co.
Asphalt Tile and Cork Carpet—Turner Resilient Floors, Inc., 141 New Montgomery St., S. F.

Metal Plumbing Enclosures—Ebco Steel Products, Columbus, Ohio.
Sub-contracts previously awarded published Sept. 9.

Bids Rejected — New Bids Wanted

RENO, Nevada.—Until Sept. 30, 2:30 P. M., new bids will be received by the Supervising Superintendent of Construction, Veterans Administration Facility, Reno, Nevada, Treatment Building No. 1.

Work will include metal lath, plaster, cement plaster, metal furring, metal corner beads, etc. All work included in one item.

A. Knowles, 982 Bryant St., San Francisco, at \$5,924 submitted previous low bid. Bids were rejected as too high.

CONTRACT AWARDED

CENTRAL VALLEY PROJ., Cal.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$21,296.41 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Bid No. B-47,252-A, reinforcing steel for Contra Costa canal, Central Valley Project. 7

1— APARTMENTS

Plans Being Figured — Bids Close October 1, 12 P. M.

APARTMENTS
SAN FRANCISCO, Calif. Francisco and Bret Hart.

Three-story frame and stucco apartment building (1, 3-room, 1 5-rm. and 1 6-rm. apartment).

Owner—Peter Harnden.
Architect—Richard J. Neutra, 251 Kearny St.

Plans being figured by a selected list of contractors to be announced shortly.

Plans Being Figured—Bids Close October 5, 12 Noon.

APARTMENTS Cost, \$.....
SAN FRANCISCO. Francisco and Bret Harte.

Three-story frame and stucco apartment building one 3-rm., one 5-rm. and one 6-rm. apartment).

Owner—Peter Harnden.
Architect — Richard J. Neutra, 251 Kearny Street.

Opening date postponed from October 1.

Following selected contractors are figuring plans:

Carlen Const. Co., 147 10th Street.
Fred K. DuFuy, 110 Sutter Street.
Empire Const. Co., Ltd., Russ Bldg.
A. W. Perkins, 35 Fulton Street.
Peter Sartorio, 369 Pine Street.
Otto Strate, 190 Moneta Way.
All of San Francisco.

4— FACTORIES & WARE-HOUSES

Contract Awarded
INDUSTRIAL PLANT Cost, \$200,000
SAN FRANCISCO. Mariposa and Arkansas Streets.

Three-story reinforced concrete, flat slab, industrial plant (100x200').

Owner—Dwight Edwards Company.
Consulting Structural Engr. — Jesse Rosenwald, 525 Market Street.
Contractor—Cahill Brothers, Inc., 206 Sansome Street.

6— GARAGES & SERVICE STATIONS

Contracts Awarded
SERVICE STATION Cost, \$.....
SAN FRANCISCO. Day and Church.
Gasoline service station.
Owner—Standard Oil Co. of Calif.
Plans by Engr. Dept. of Owner.
Contractor—Grant - Martinelli Const. Co., 44 Mary Street.
Electric Wiring—Collonan Elec. and

CONTRACT AWARDED

FORTLAND, Ore.—Bingham Construction Co., Couch Bldg., Portland, at \$49,945 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for alterations at the U. S. Custom House, Portland.

NEW BIDS WANTED

TACOMA, Wash.—Until Oct. 1, 10 A. M., new bids will be received by Brigadier General Maurice Thompson, WNG, Camp Murray, Fort Lewis, for additions to Armory, Tacoma. Est. Cost, \$93,000.
Plans obtainable from Architects Russell, Lance and Muri, 319 S 7th St., Tacoma.

Bids received Sept. 14 were rejected and plans revised. H. R. Olsen, 4040 Pacific, Tacoma, at \$141,480 submitted previous low bid. 7

BIDS OPENED

RENO, Nevada.—Ray Cook Marble Co., 1535 Powell St., Emeryville, Cal., at \$2,698 submitted low bid to the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif., for providing, installing and finishing complete slate, marble work, floor and wall tile in Treatment Building No. 1, Veterans' Administration Facility, Reno. Complete bids follow:
Ray Cook Marble Co., Emeryville, \$2,698; 2% 30 days.
H. P. Fischer Tile & Marble Co., Sacramento, \$2,748; net.
Vermont Marble Co., San Francisco, \$2,915; net.
J. Musto, San Francisco, \$2,940; net.
J. W. Snyder, \$3,967; net.
Continental Marble & Tile Co., Los Angeles, \$5,051; net.
Bruner Marble & Tile Co., Inc., Los Angeles, \$3,131.12; 1% 30 days.

CONTRACT AWARDED

SANTA BARBARA, Cal.—William Gilfan, Los Angeles, at \$3,230 was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting, pastering, etc., at the Post Office in Santa Barbara. 7

CONTRACT AWARDED

FORT LEWIS, Wash.—MacDonald Const. Co., Tacoma, Wash., at \$256,668 awarded contract by the Constructing Quartermaster, Fort Lewis for six 5-family row houses for company officers at Fore Lewis. (552) 1st report Aug. 31, 1938. 7

BIDS OPENED

RICHMOND, Contra Costa Co., Calif.—Lombard & Ludwig, Washington, D. C., at \$15 submitted low bid to the Custodian of the U. S. P. O., at Richmond, for Plaster models.
Only other bid submitted by F. Bruyninckh Co., Wash., D. C., at \$50. 7

Completing Plans

PARCEL POST BUILDING

Estimated Cost, \$2,000,000
SAN FRANCISCO. Block bounded by Mission, Howard, Spear and Steuart Streets.

Construction of a 3-story Post Office Dept. parcel post building (590x 275-ft.) nr. Bay Bridge Terminal to be known as Rincon Annex.
Owner—U. S. Government.
Plans by Treasury Dept., Washington, D. C.

BIDS WANTED

ALCATRAZ ISLAND, Calif.—Until Sept. 27, 2 P. M., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for erecting steel grating partition and steel window guards of tool-resisting steel

in and on Bldg. 68, U. S. Penitentiary, Alcatraz; Spec. 63.

Bids will be opened at Room 415, Post Office Bldg., San Francisco, where they may be delivered in person or mailed to Warden, U. S. Penitentiary, Alcatraz.

A copy of specifications is now of file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

Bids Wanted—To Close October 28
QUARANTINE STA. Cost, \$60,000
LOS ANGELES, Calif.

Construction of Quarantine Station, Shop Garage and Parrot Detention Bldg.
Owner—U. S. Government.

Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

Rids Rejected
INDUSTRIAL BLDG. Cost \$.....
BERKELEY, Alameda Co., Calif. 5th and Grayson Streets.

Part 2-, 3-, and 4-story steel frame industrial building with concrete walls and floors (approx. 160x-220 ft.).

Owner—West Coast Kalsomine Co., 5th and Garvson Sts., Berkeley.

Plans by Engr. Dept. of Owner.
Bids received April 14 were rejected. Plans will be revised and new bids asked shortly from a selected list of contractors.

Bids Wanted—To Close October 28
1 P. M.
ADDITION Cost, \$60,000
LOS ANGELES, Calif.

Construction of Shop, Garage and Parrot Detention Bldg. at the U. S. Quarantine Station, Los Angeles.

Owner—U. S. Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

As previously reported, plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

Site Selection

POST OFFICE.
REEDLEY, Fresno Co., Calif. 11th and E Sts., S. W.
U. S. P. O. site (150x150-ft.).
Owner—U. S. Government.
Plans by Supervising Architect, Treasury Dept., Wash., D. C.

BIDS OPENED

NACO, Arizona.—Fred Young, Jr., 4220 1/2 W Adams St., Los Angeles, at \$800 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for the construction of enclosed shelter at the U. S. Border Station, Naco.
Other bids were:
H. L. Grohne, Decatur, Ill., \$1,944.00
Lewis Bros., Phoenix, 2,337.42 7

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Oct. 19, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for structural steel framework for foundry building, 130 feet wide by 408 feet long, an outside overhead crane runway and crane runways for interior cranes at the Navy Yard, Mare Island; Spec. No. 8816. Est. cost, \$300,000.

As previously reported, drawings and specifications may be obtained from the Bureau or from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal mon-

ey order for \$10 payable to the Chief of the Bureau of Yards & Docks. (531) 1st rep. Aug. 29, 1938. 7

BIDS WANTED

SAN DIEGO, Cal.—Until Oct. 4, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, under Spec. 6940 for construction of Aviation Facilities, at San Clemente Island, San Diego County. Est. cost, \$400,000.

Drawings and specifications may be obtained from the Bureau and from the Commandant, Naval Operating Base, San Diego, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks. (703) 7

8— CLUB BUILDINGS

Planned
MEETING HALL Cost, \$6,000
RICHMOND, Contra Costa Co., Cal.

Fourteenth St. nr. Chanslor. Construction of meeting hall to contain offices, clubrooms, kitchen, bar and practice studios.

Owner—Richmond Musicians' Union, Jack Sinnott, President.

Architect—Not Given.
Construction will start within one month.

9— HOSPITALS

Bids Wanted — To Close Sept. 27,
2 P. M.

ADDITION.
SONORA, Tuolumne Co., Calif. Two-story concrete addition to present County Hospital.

Owner—County of Tuolumne.
Architect—William Mooser, 244 Kearney St., S. F.

Plans and specifications obtainable from the architect's office upon deposit of \$25.

Following have taken out plans:
W. C. Tait, 883 Market St., S. F.
O. J. Scherer, P. O. Box 178, Angels Camp.

Moore & Roberts, 693 Mission St., San Francisco.
George Roek, 830 N. Pacific Ave., Stockton.

Sub Contracts Awarded

HOSPITAL Cont. Price, \$63,190
MODESTO, Stanislaus Co., Calif. Two-story and basement Class B re-

September 22, 1938
inforced concrete county hospital building (38x180-ft.), known as Unit 4 and included in eventual group of 12 units. Building will accommodate 120 beds for emergency.

Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.

Contractor—L. Ubels, Box 181, Ripon.
Roofing—Valley Roof Service, 255 Las Flores Ave.

Sheet Metal—Modesto Welding and Tank Works, 99 Highway St.
Tile Work—Greenlee and Henderson, 106 G St.

Glass & Mill Work—Electric Planing Mill, 545 S. Monroe St., Stockton.
Brick and Stone Work—Harvey J. Michels, Rt. 4, Box 482.

Painting—J. H. Andrew, 1609 F St.
Lathing & Plastering—Perry Bros., 242 E. Miner Ave., Stockton.

Linoleum—McLean's, 237 East Minor Ave., Stockton.

All of Sacramento, unless otherwise noted.

SUB-BIDS WANTED

SONORA, Tuolumne Co., Calif.—O. J. Scherer Co., Angels Camp, is figuring plans and desires sub-bids on

all portions of the work for construction of the County Hospital Addition in Sonora, Tuolumne County, for which bids will be opened September 27, 2 P. M.

Plans prepared by Architect Wm. Mooser, 244 Kearny St., San Francisco. 9

Bids Opened

HOSPITAL ADDN. Cost, \$15,000
FORT BRAGG, Mendocino Co., Calif. Two-story and basement frame and Redwood siding addition to the Redwood Hospital.

Owner—Redwood Hospital Assn.
Architect—John Easterly, Healdsburg and Santa Rosa.

Low Bidder—Jos. Chirhart, 431 10th St., Santa Rosa, \$15,623.

Complete bids follow:

General Work

Jos. Chirhart, Santa Rosa.....\$15,623
F. W. Nelson, Fort Bragg..... 16,600
J. H. Schneider, Oakland..... 17,900
Willy & Rhoads, 3653 J St., Fort Bragg, at \$5,265 submitted only bid for heating and plumbing combined; \$3,308 for plumbing only, and \$2,197 for heating only.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 28, 1:45 P. M., informal bids will be received by the Dept. of Public Works Room 251, City Hall, for waterproofing of brickwork above the 7th floor of the Maternity Wing at San Francisco Hospital, Potrero Avenue and 22nd Street.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall.

12— POWER PLANTS

Low Bidder
DIAL UNIT Cost, \$.....
NORTH SACRAMENTO, Sacramento Co., Calif. Rio Linda Blvd. and Nogales Street.

One-story brick and frame dial concentration unit (37x47') tile front.
Owner—Pacific Telephone and Telegraph Company.

Plans by Engineering Dept. of Owner
Low Bidder—Lawrence Const. Co., 5372 Ninth Ave., Sacramento. (633) 1st rep. Sept. 9, 1938. * 12

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Sub Contracts Awarded
PACIFIC BUILDING

Cont. Price, \$51,980

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of the Pacific Building; Contract No. 198. One-story and mezzanine frame bldg., approx. 100 sq. ft.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Clinton Construction Co., 923 Folsom St., S. F.

Painting—A. Quandt & Sons, 374 Guerrero St.

Sheet Metal—Metals Construction Co., 883 Clementina St.

Finish Hardware—E. M. Hundley, 662 Mission St.

Dalmo Window Fixtures—MacDonald Hardware Mfg. Co., 863 Harrison St.

Electric Wiring—Victor Lemoge, 281 Natoma St.

Roofing—Malott & Peterson, 20th & Harrison Sts.

Plumbing—Scott Co., Inc., 243 Minna Street.

Plastering—James F. Smith, 271 Minna St.

Glass & Glazing—W. P. Fuller Co., 301 Mission St.

Magnesian Floors—Hoaglund & Siuse, 557 Market St.
All of San Francisco.

Bids In—Held Under Advisement.
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 333 Grant Avenue
Alteration of power panel involving electrical work, only.

Owner—Pacific Telephone and Telegraph Company.
Plans by Engr. Dept. of Owner.

Prospective Bidders

CITY HALL. Est. cost, \$61,800
DALY CITY. San Mateo Co., Calif. Two-story and basement reinforced concrete city hall building.

Owner—City of Daly City.
Architects—Wm. H. Toepeke and Otto G. Hintermann, 74 New Montgomery St., S. F.

PWA grant in the amount of \$27,810, together with bonds in the amount of \$34,000 will finance construction.

Plans and specifications obtainable from the architects' office upon deposit of \$15.00.

Bids must be accompanied by certified cashier's check of 10% of bid, and will be opened at the office of the City Clerk, City Hall, Daly City. As previously reported, bids will be opened Sept. 26, 8 P. M.

Following contractors have taken out plans:

H. H. Larsen Co., 64 S. Park, S. F.

Anderson & Ringrose, 320 Market St., S. F.

Frank J. Reilly Co., 6350 Fulton St., S. F.

P. F. Reilly, 401 Phelan Building, San Francisco.

Monson Bros., 475 Sixth St., S. F.

G. W. Williams Co., 10 California Drive, Burlingame.

Adam Arras & Sons, 4008 18th St., San Francisco.

R. A. McLean & Co., 602 California St., S. F.

M. E. Vukdevich, 666 Mission St., San Francisco.

Contract Awarded

ELECTRICAL WORK Cont. Price, \$365
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Electrical work for Missouri Bldg., Contract No. 205-1.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Contractor—H. C. Reid and Company, 289 Clementina St., S. F.

Contract Awarded

WATERPROOF FOUNTAIN Cont. Price \$152
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Waterproofing Fountain, Pacific Building, Contract No. 198-4

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—Alta Roofing Company, 976 Indiana St., S. F.

Contract Awarded

TOILET BLDGS. Cont. Price, \$29,735
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of Toilet Building in "Garvey"; Contract No. 172.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—Barrett & Hiip, 918 E. rison St., S. F.

Bids Wanted—To Close October 7:30 P. M.

CITY HALL. Cost, \$40,000
COALINGA, Fresno Co., Calif. City Hall, Police Headquarters, City Owner—City of Coalinga (Ethel McCroskey, City Clerk).

Architect—Fred L. Swartz, Bldg., Fresno.

Plans and specifications obtainable from the office of the City Clerk, City Hall, Coalinga, upon deposit of \$10. returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 10% of bid.

Contract Awarded.

COUNTY JAIL. Cont. Price \$92,200
REDDING, Shasta Co., Calif. 1 West and Butte Streets.

Three-story and basement county jail bldg. to accommodate 400 prisoners.

Owner—County of Shasta (Errol Rank, Clerk).

Architect—Masten & Hurd, 442 P St., San Francisco.

Contractor—C. H. Dodd, 1660 Walnut St., Stockton.

Contract awarded on a basic bid including deduction of alternate proposal No. 2. General bids received with the following alternate proposals both deductions. (1) omit part of jail equipment on 3rd floor

omit all jail equipment on 3rd floor

Complete bids follow:

C. H. Dodd, Stockton, \$103,337 & \$1,295 (2) \$10,855.

F. A. Howlins & Co., San Francisco \$106,874 (1) \$4,000 (2) \$10,300

B. A. Greenough, Bakersfield, \$10,000 (1) \$4,133 (2) \$10,708.

W. E. Lyons Construction Co., H. Christensen Co., Alameda, \$10,943 (1) \$3,882 (2) \$10,224.

Miller Construction Co., San Francisco \$113,000 (1) \$3,200 (2) \$9,500

Moore & Roberts, S. F., \$125,000.

BIDS OPENED

YERBA BUENA SHOALS.—M. McGowan, Inc., 74 New Montgomery St., San Francisco, at \$9,660 submitted low bid to the Department of Public Works, office of the Golden Gate International Exposition, 660 Market Street, San Francisco, for furnishing and placing 10,000 lineal feet of timber piles for foundation for the Auditorium Building, Yerba Buena Shoals.

Complete bids follow:

M. E. McGowan, Inc., \$0.966 per lineal ft.; total \$9,660.

A. W. Kitchen & Co., \$0.98 per lineal ft.; total \$9,800.

Healy-Tibbitts Const. Co., \$1.11 per lineal ft.; total \$11,000.

Clinton Const. Co., \$1.45 per lineal ft.; total \$14,500.

Low Bidder

ALTERATIONS Cost \$.....
SAN FRANCISCO. 333 Grant Avenue

Alteration of power panel involving electrical work, only.

Owner—Pacific Telephone and Telegraph Company.

Plans by Engr. Dept. of Owner.

Low Bidder—Radelfinger Bros., 54 Natoma Street.

BIDS OPENED

YERBA BUENA SHOALS.—Anderson & Ringrose, 320 Market St., San Francisco, at \$3,923 submitted low basic general bid to the Department of Public Works, Room 251, City Hall, San Francisco, for general construction work for the interior of the San Francisco Building on Yerba Buena Shoals.

General bids were received with following alternate proposals (1) add or deduct for metal lathing and plastering in lieu of gypsum (2) add or deduct for change of preparation for sub floor for linoleum (3) add or deduct for teak veneer ply board in lieu of flexible gypsum board for room 208. (4) add or deduct for omitting walls and ceilings finish in rooms 104, 105 and 110 (5) add or deduct for aluminum thresholds in lieu of terrazzo.

Separate bids received for general construction, plumbing, heating and ventilating and electric wiring. Complete bids follow:

General Work
Anderson & Ringrose, S. F., \$73,923 (1) add \$950 (2) — (3) add \$1575. (4) ded. \$132; (5) add \$55.
Monson Bros., S. F., \$77,370 (1) add \$1075. (2) \$add \$160. (3) add \$150. (4) ded. 1017. (5) add \$50.
C. L. Wold Construction Co., S.F., \$78,996 (1) ded. \$3200. (2) add \$228. (3) add \$1025. (4) ded. \$1643. (5) add \$25.
Barrett & Hilp, S. F., \$80,324 (1) add \$675. (2) add \$40. (3) ded. \$200. (4) ded. \$130. (5) add \$50.
Plumbing, Heating & Ventilating
James & Nelson, Inc., 1375 Howard St., \$11,380.
St. H. Plinkerton Co., \$12,400.
Alta Electrical and Mechanical Co., 12,584.

Electric Wiring
G. H. Armstrong, 1388 Van Ness So., \$10,898.
Only other electric bid submitted by G. F. Brayer, at \$11,900 which was not considered as a bid was unsigned.

Bids Wanted—To Close Sept. 30.
CITY HALL, Etc. Cost, \$32,000
SONORA, Tuolumne Co., Calif.
Two-story reinforced concrete city hall, firehouse and library bldg. Owner—City of Sonora.
Engineer—Chas. Gulick, Stockton.
Plans and specifications may be obtained from the City Clerk, T. V. Wulf, City Hall, Sonora, upon deposit of \$10.00.

Contracts Awarded
CUSTODIAL BLDGS., ETC.
SPADRA, Los Angeles Co., Cal. Pacific Colony.

Two 1-story reinforced concrete custodial bldgs. (hollow tile partitions, steel sash, clay tile roof covering, etc.), and completion of Unit 15.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

General Work
John Strona, Pomona.....\$247,800
Heating and Ventilating
Kenneth Fraser, 1452 N. Lake Ave., Pasadena\$17,944
Plumbing
Kenneth Fraser, 1452 N. Lake Ave., Pasadena\$21,882
Electric Wiring
Moore Electric Co., 321 W. 3rd St., Los Angeles\$9,196

Bids Wanted—To Close Sept. 27.
CITY HALL, Etc. Cost, \$.....
FRESNO, Fresno Co., Calif.
One-story brick Public Welfare Bldg. (Est. \$32,170) and steel frame and corr. iron County Shops building (est. \$26,295); concrete floors and foundations.
Owner—County of Fresno.
Architect — W. D. Coates, Rowell Bldg., Fresno.

BIDS WANTED
CONCORD, Contra Costa Co., Cal. —Until Sept. 29, 4 P. M., bids will be received by the Mt. Diablo Fire

Protection District, E. W. Glazier, Chairman, building committee, for construction of a fire house located at Concord.

Plans and specifications obtainable from the Chairman, Board of Fire Commissioners, Concord, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of the amount of bid, and will be opened at 4:30 P. M., Sept. 29, in the Assembly room, District Fire House, Concord.

Bids Wanted—To Close Sept. 30.
5 P. M.
CITY HALL Est. Cost, \$90,000
SAN LEANDRO, Alameda Co., Calif East Fourteenth Street.
Part one- and two-story reinforced concrete city hall, firehouse and jail (150x200-ft.).
Owner—City of San Leandro (E. F. Hutchings, City Clerk).
Architect—Irwin M. Johnson, 2219 7th Avenue, Oakland.
The City of San Leandro voted bonds recently in the amount of \$60,000 which proceeds, together with PWA grant, will finance construction.

Plans and specifications obtainable from the office of the City Clerk, 1120 E 14th St., San Leandro, upon deposit of \$20 per set, \$15 returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of the amount of bid, and will be opened at 10 A. M., October 1, in the Council Chambers, City Hall, San Leandro.

Bids are being received for general construction only, which does not include heating, lighting and plumbing work.

Bids Wanted—To Close Sept. 27.
2 P. M.
ADDITION Cost, \$.....
MARYSVILLE, Yuba Co., Calif. SE Cor. Sixth and D Streets.
Additions and alterations to Hall of Records, County Clerk's office, and Jail building.
Owner—County of Yuba (W. M. Strief, County Clerk).
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

As previously reported plans and specifications obtainable from the architect's office upon deposit of \$20.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of the amount of the bid, payable to the clerk.
Bids will be opened at 2:15 P. M., Sept. 27 in the Board of Supervisor's Room, Yuba County Courthouse at Marysville.

Bids Wanted — To Close Sept. 30.
7:30 P. M.
CITY HALL, Etc. Cost, \$32,000
SONORA, Tuolumne Co., Calif.
Two-story reinforced concrete city hall, firehouse and library bldg. Owner—City of Sonora. T. V. Wulf, City Clerk.
Engineer—Chas. Gulick, Stockton.

As previously reported, plans and specifications will be obtained from the office of the city clerk, City Hall, Sonora, upon deposit of \$10, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of amount of bid and will be opened at 8 P.M., Sept. 30, at the Council Chambers, City Hall, Sonora.

Funds Asked
CIVIC BLDGS.
KING CITY, Monterey Co., Calif. Construction of library building and city hall.
Owner—City of King City.
Architect—Robert Stanton, Del Monte

Hotel, Del Monte.
Application filed for PWA grant to aid in financing.

Contract Awarded
BOILER HOUSE, ETC. Cont. Price, \$24,000
CONWAY SUMMIT, Mono Co., Calif. Division of Highways Station.

Construction of boiler house, gas and oil station and truck shed (the boiler house, gas and oil station and truck shed consist of wood frame, one-story bldgs. covered on exterior with corr. galv. iron walls and roof and conc. floors; boiler house walls are covered on interior with corrugated iron, and truck shed walls are covered on interior with wood; steel windows and wood doors).

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Contractor—R. J. Daum, 3964 Budlong Ave., L. A.

Plans Being Figured—Bids Close September 28.
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS, Site of the 1939 World's Fair.
Construction of exhibit building.
Owner—United States Steel Corp., New York City.
Architect—Walter D. Teague, New York City.

Plans are being figured by a selected list of contractors and bids will be opened in New York City.
Bid opening date previously reported in error.

BIDS WANTED
SAN FRANCISCO.—Until October 4, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Municipal Railroad Contract No. 177, for repairing and painting car houses and stations as follows: Forest Hills Station; Eureka Station and the Geary St. Car House.
Specifications obtainable from Rm. 605, 425 Mason St., upon deposit of \$10.

Low Bidders
ADDITION
KELSO, Cowlitz County, Washington. Construction of an extension to the County Court House for Cowlitz Co.
Owner—County of Cowlitz.

Architect—Ray V. Weatherly, Henry Building, Longview, Wash.
Low bidder: George H. Buckler, Lewis Bldg., Portland, \$153,490.
B. G. Rushlight, Portland, at \$17,947 submitted low bid for plumbing and heating and NePake McKenny Co., Portland, at \$7930 submitted low bid for electric wiring. American Machine Co., at \$5335 submitted low bid for elevators.

Bids Wanted—To Close October 5, 10 A. M.
MEMORIAL HALL Cost, \$72,000
REDDING, Shasta Co., Calif. Veterans' Memorial Building.
Owner—County of Shasta (Errol A. Yank, Clerk).
Architect—Masten & Hurd, 442 Post St., San Francisco.

As previously reported, plans and specifications may be obtained at the architects' office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened at 10 A. M., Oct. 5, in Board Room of the County Board of Supervisors, Court House, Redding.
PWA grant and loan of \$72,000 approved.

CONTRACT AWARDED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—H. Baldini, 766 Miller Ave., S. San Francisco, at \$627 submitted low bid and was awarded contract by the City of South San Francisco, for painting the council chamber, the court room and halls in the city hall.

Only other bid submitted by E. Bertolozzo, S. San Francisco, at \$800. (711) 1st rep. Sept. 19, 1938. * 13

**Contract Awarded
ADDITION & ALTER.**

BISHOP, Inyo Co., Calif. Division of Highways Station. Construction of additions and alterations to equipment repair shops; existing equipment repair shop consists of a wood frame building covered with galv. iron to which certain additions and alterations are to be made.

Owner—State of Calif.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Contractor—V. L. and W. B. Jacobson, 3333 Madera Ave., L. A.

14—RESIDENCE

Preparing Plans
RESIDENCE Cost, \$8000
REDDING, Shasta Co., Calif.
Two-story frame residence, (3 bedrooms), shake roof, hardwood floors, tile bath, oil burning heating system, two-car garage.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., S. F.

Contract Awarded
RESIDENCE Cost, \$4,579
SANTA ROSA, Sonoma Co., Calif.
One-story frame and stucco residence.

Owner—Lee Crabbe, c/o Arch.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. L. Personetti, 731 Santa Rosa Ave., Santa Rosa.

Preparing Sketches
RESIDENCE
ATHERTON, San Mateo Co., Calif. Linden Wood.
Two-story frame residence.
Owner—Withheld.
Architect—Mario Corbett, 72 Third Ave., San Mateo.

Preparing Plans
RESIDENCE Cost, \$12,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence (3 bedrooms, 2 baths), hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., S. F.

Preparing Plans
RESIDENCE Cost, \$6000
SAN FRANCISCO, Buena Vista Heights.
One-story frame and stucco residence (5 rooms) hardwood flrs., tile bath, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St.

Contract Awarded
LODGE Cost, \$.....
PLACER CO., Calif. Near Cisco. Mountain Lodge.
Owner—Withheld.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Low Bidder
RESIDENCE Cost, \$.....
SACRAMENTO, Cal. 54th and Folsom Boulevard.

One - story frame and stucco residence (6 rooms) shingle roof, gas heating system, etc.
Owner—J. W. Bolden.
Architect—Herbert Goodpaster, Mitau Building, Sacramento.
Low Bidder—C. E. DeCuir, 2739 Marshall St., Sacramento, \$5,500.

Plans Being Figured—Bids Close
Sept. 27, 12 Noon.
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.
Two-story frame residence.
Owner—Mr. Neustader, c/o Arch. Architect—Farr & Ward, 68 Post St., San Francisco.

Plans are being figured by a selected list of contractors.

Contract Awarded
RESIDENCE
ATHERTON, San Mateo Co., Calif. Mindenwood.
One-story frame residence (8 rooms, 3 baths), shingle roof, gas heating system, etc.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Preparing Plans
RESIDENCE Cost, \$6000
MILBRAE, San Mateo Co., Calif.
One-story frame and stucco residence (5 rooms), hardwood flrs., tile bath, wood sash, etc.
Owner and **Builder**—John A. Johnson, 69 Madison St., S. F.
Architect—Albert H. Larsen, 333 Kearny St., S. F.

Bids In—Held Under Advertisment.
RESIDENCE Cost, \$.....
SAN RAFAEL, Marin Co., Calif.
One - story frame and stucco residence (hardwood floors, tile bath)
Owner—Mr. Franzman, c/o Architect.
Architect—F. B. Comstock, 260 California St., San Francisco.

Low Bidder
RESIDENCE
SONOMA, Calif.
One-story frame and stucco residence (5 rooms), hardwood flrs., tile bath, wood sash, etc.
Owner—Chas. C. Montaldo, c/o Arch. Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Low bidder—C. C. Bean, Box 435, Sonoma, \$6,600.

Plans Being Figured — Bids Close
Oct. 1, 12 Noon

RESIDENCE
LIVERMORE, Ala. Co., Calif.
One-story frame residence (5 rms.), shingle roof, hardwood floors, tile bath, etc.
Owner—Ivan Meyers, c/o Architects. Architects—Higgins & Root, Security Bldg., San Jose.
Following contractors are figuring plans:
Tornell Co., 364 Highland Avenue, Tracy.
R. N. Jensen, Box 117, Livermore.
S. Bothwell & Son, 724 J St., Livermore.
R. A. Griffin, Orvington.
M. White, P. O. Box 136, Centerville.

Plans Completed
RESIDENCE Cost, \$5000
SAN FRANCISCO, Visitation Valley.
One-story frame and stucco residence, (5 rooms), hardwood flrs., tile bath, etc.
Owner and **Builder**—Elvin C. Sten-

dell, 2143 Kirkham St.
Architect—Albert H. Larsen, 333 Kearny St.

15—SCHOOLS

Sub-Contracts Awarded
GYMNASIUM Cont. Pr., \$22,413
EAST NICOLAUS, Sutter Co., Calif.
One-story frame and stucco gymnasium.

Owner—Sutter Un. High School Dist.
Architect—Charles F. Dean, California State Life Bldg., Sacramento
Contractor—Otto Steinbrenner, 2146 Perkins Way, Sacramento.

Roofing—Capital Roofing Co., 2011 O Street.

Plumbing—Luppen & Mawley, 3126 J Street.

Electric Wiring—C. E. Vorlander, 619 California Street.

Heating—J. J. McDermott, 616 13th Street.

Sheet Metal—Frank Z. Ahl, 2114 P Street.

Tile Work—H. P. Fisher, J. Street.
Glass—American Fus & Materials Co., 2701 Stockton Blvd.

Hardwood Floors—Sacramento Hardwood Floor Co., 2415 J Street.

Iron Grille Work—Palm Iron and Bridge Works, P. O. Box 74.

Lumber and Mill Work—Diamond Match Co., Chico.

Painting—Harold Jones, 1310 D St., Marysville.

Lathing & Plastering—R. L. Thompson, R. D. No. 1, Box 3305.

All of Sacramento unless otherwise noted.

(38) 1st report July 13; 3rd, Aug. 18, 1938. 15

CONTRACT AWARDED

WHITTIER, Los Angeles Co., Cal.—C. B. Bagnall, Box 176, Palos Verdes Estates, awarded contract by Whittier School District at \$29,900 for a 2-story shop building to be built at the Jonathan Bailey school, Whittier; a FWA project, John C. Austin, architect, 608 Chamber of Commerce Bldg., Los Angeles. 15

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Wesco Const. Co., 2000 Hyperion Ave., Los Angeles, awarded contract by the Crest Forest Elementary Sch. District at \$56,370 for construction of a 3-classroom school and an assembly building at Crestline. H. L. Gogerty, architect, 6272 Yuca St., Hollywood. 15

Prospective Bidders

ADDITION Est. Cost, \$30,000
SEBASTOPOL, Sonoma Co., Calif.
Addition to gymnasium (boys' lockers, tennis courts, fences, lockers, etc.) at Analy High School.

Owner—Analy Union High School District (R. H. Irwin, Clerk).

Architect—John Eastery, Healdsburg and Santa Rosa.

Plans and specifications obtainable from the architect's office upon deposit of \$10.00.

As previously reported, bids will be opened Sept. 27, 8 P. M.

Following have taken out plans:
Peter Sartorio, 369 Pine St., San Francisco.

N. H. Sjoberg & Son, 5604 E 16th St., Oakland.

Webster Jeffers, 1555 Page St., San Francisco.

O. Hedahl, 110 Sutter Street, San Francisco.

C. W. Shatto, 390 Murphy Avenue, Sebastopol.

Sam Swindler, 912 Petaluma Ave., Sebastopol.

(59) 1st report May 26; 3rd, Sept. 2, 1938. 15

CONTRACT AWARDED

TUCSON, Ariz.—M. M. Sundt Construction Co., Box 2244 Tucson, was awarded contract by High School District No. 1, Pima County, Ariz., at \$273,346 for construction of an annex at the high school in Tucson, a PWA project. Roy Place, architect, 11 E. Pennington St., Tucson, 15

CONTRACT AWARDED

VENTURA, Calif.—Stanton-Reed Co., 816 W 5th St., Los Angeles, was awarded contract by Ventura Union High School District, at \$235,216, for construction of Units B, C and D of a physical education and classroom unit at Ventura Junior College, a PWA project. Architects Roy C. Wilson and Geoffrey N. Lawford, Say Road, Santa Paula, 15

CONTRACT AWARDED

LOS ANGELES, Cal.—Baruch Corporation, 625 S. Olive St., Los Angeles, awarded general contract by the Los Angeles Board of Education at \$95,438 for construction of new assembly hall at Canoga Park high school, 6850 Topanga Canyon Blvd.; a PWA project. Hibbard, Gerity & Kerton, architects, 1106 Architects' Bldg., Los Angeles; Paul Jeffers, structural engineer; C. A. Sanborn Co., mechanical engineer. 15

BONDS VOTED

SACRAMENTO, Calif.—The City of Sacramento voted bonds Sept. 19 in the amount of \$425,000, which proceeds, together with PWA grant of \$309,600 will finance construction of following alterations and additions to school buildings:

Addition of four building units at Junior College (est. cost \$215,000). Preliminary plans by Architect Harry J. Devine, Sacramento.
Addition of school building at Sacramento Senior High School (est. cost \$175,000). Preliminary plans by Architect Chas. F. Dean, Sacramento and addition of school building at McClatchy Senior High School (est. cost \$75,000). Preliminary plans by Architects Starks & Flanders, Sacramento, and shops.

Additions at Crocker Elementary School (est. cost \$60,000) and John Muir Elementary School (est. cost \$40,000). Preliminary plans by Architects Starks & Flanders, Sacramento, and additions at Theodore Judah Elementary School (est. cost \$60,000) and El Dorado Elementary School (est. cost \$40,000). Preliminary plans by Architect Chas. F. Dean, Sacto. (716) • 15

Plans Completed

JUNIOR COLLEGE ADDITIONS. SANTA ROSA, Sonoma Co., Calif. Cost, \$300,000

Addition of four units at the Junior College to contain administration offices, library, assembly hall and music rooms, agricultural depts. and shops.

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans completed on first and second units and forwarded to State Division of Architecture for approval.

Bids Opened

RECONSTRUCTION

OAKLAND, Ala. Co., Calif., Kansas Street and Brown Avenue. Reconstruction of Laurel School.

Owner—Oakland School District.

Engineer—Charles A. Whitton, Second Avenue and 10th Street, Oakland (Sch. Administration Bldg.).

Low bidder: Sproul and Rogers,

4409 Harbord Drive, Oakland, \$17,489.

Complete general and (a) salvage bids follow:

Sproul and Rogers, Oakland, \$17,489 (a) \$100.

John F. Tulloch, Oakland, \$17,699 (a) \$1.

Central California Const. Co., S.F., \$20,572 (a) \$10.

George Swannstrom, Oakland, \$21,490 (a) \$25.

Carl N. Swenson Co., San Jose, \$21,703 (a) \$100.

Emil Person, Berkeley, \$23,333 (a) —

Fred J. Early, Jr., S. F., \$23,432 (a) \$10.

Bids Opened

COMPLETE SCHOOL

ALAMEDA, Alameda Co., Cal. Bay and Santa Clara (Mastick Sch.) Completion of 1-story and part basement modernistic U-shaped elementary school bldg. (12 classrooms, gym, and auditorium), to be built around a central courtyard of which the exterior stuccoed frame shell on conc. foundation and the composition roof are completed.

Work includes interior mill work, doors, windows, linoleum, lathing and plastering and finish electrical work.

Owner—Alameda Board of Education (Wm. G. Paden, Supt.)

Architect—Kent & Hass, Underwood Bldg., San Francisco.

Low Bidder—F. C. Stolte Co., 1405 San Antonio Ave., Alameda, \$67,810.

Bids were taken as follows: (1) deduct for thinner linoleum; (2) omit light fixtures; (3) omit venetian blinds; (4) omit certain linoleum.

Complete bids follow:

F. C. Stolte Co., \$67,810; (1) \$600; (2) \$1100; (3) \$2100; (4) \$3200.

D. W. Nicholson, \$70,351; (1) \$825; (2) \$925; (3) \$1750; (4) \$2700.

Geo. Swannstrom, \$70,495; (1) \$350; (2) \$900; (3) \$2000; (4) \$3300.

Bids taken under advisement.

Bids Opened

GYMNASIUM

LAKEPORT, Lake County, Calif. One-story frame gymnasium at Clear Lake High School (composition roof, marble floors; no plumbing work).

Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk) Architect—John Easterly, Healdsburg and Santa Rosa.

Low Bidder—A. O. Lightford, Upper Lake.

Recommendation made PWA that contract be awarded low bidder at contract price of \$29,643, on basis of acceptance of alternate proposals (2) deduct for omitting wire baskets and racks; (3) deduct for omitting chairs, and (H2) deduct for omitting steam heating system.

Complete bids follow:

A. O. Lightford, Upper Lake, \$34,100 (2) \$291; (3) \$853; (H2) \$3,308.

M. R. Crane, San Francisco, \$33,599; (2) \$290; (3) \$825; (H2) \$1,930.

M. R. Peterson, Sacramento, \$35,590 (2) \$300; (3) \$850; (M2) \$3,020.

Oliver S. Almie, San Francisco, \$36,000; (2) \$250; (3) \$850; (H2) \$2,000.

N. H. Sjoberg & Son, Oakland, \$37,679; (2) \$297; (3) \$833; (H2) \$907.

CONTRACT AWARDED

ROSEMEAD, L. A. Co., Cal.—James Noon, 291 Vineland, Baldwin Park, awarded contract by Rosemead Sch. District at \$99,975, for construction of a classroom addition and auditorium at Rio Hondo School, S. E.

cor. of Rio Hondo Ave. and De Adalena Sts., Rosemead. Award made subject to PWA approval. Marsch, Smith & Powell, architects, 506 Architects' Bldg., L. A. 15

Sub Contracts Awarded

SHOP BLDG. Cont. Pr., \$5,235 SUISUN CITY, Solano Co., Calif.

Addition of frame and stucco manual training shop at the Crystal Grammar school and alterations to the present school building, including 130 squares of roofing. Owner—Suisun City Grammar School District (J. J. Eney, Principal). Architect—Norman E. Coulter, 46 Kearny St., San Francisco.

Contractor—Robert McCarthy, 1363 14th Ave., S. F.

Roofing—Associated Roofing Co., 4905 Mission St., S. F.

Electric Wiring—B. J. Doherty Co., 1725 Church St.

Glass—W. P. Fuller Co., 301 Mission Street.

Iron Grille Work—Herrick Iron Wks., 18th and Campbell Sts., Oakland.

Lumber—Thompson Lumber & Piling Co., Monadnock Bldg.

Mill Work—Lannon Bros. Mfg. Co., 5th & Magnolia Sts., Oakland.

Concrete—Basalt Rock Co., Inc., 900 Eighth St., Napa.

All of San Francisco, unless otherwise noted.

(4) 1st rep. July 27; 5th, Aug. 26, 1938. 15

Contract Awarded

RESIDENCE Cost, \$5,375 SANTA ROSA, Sonoma Co., Calif.

One-story frame and stucco residence (5 rooms), hardwood flrs., tile roof, etc.

Owner—Benjamin Ableman.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Contractor—Robert R. Todd, 915 Beaver St., Santa Rosa.

CONTRACT AWARDED

TUCSON, Ariz.—M. M. Sundt Construction Co., Box 2244, Tucson, Ariz., awarded contract by High School District No. 1, Pima County, Ariz., at \$273,346, for construction of a 2-story annex at the high school in Tucson, a PWA project. Roy Place, architect, 11 E. Pennington St., Tucson, 15

Bids Wanted — To Close October 5, 8 P. M.

COMPLETE SHOP Cost, \$175,000 BERKELEY, Ala. Co., Calif. Bancroft Way and Grove St.

Completion of two-story reinforced concrete shop unit on the grounds of the Berkeley High School.

Owner—Berkeley Unified School District, (Clara E. Andres, Secy.) 2325 Milvia St., Berkeley.

Architect—Will G. Corlett and Henry H. Gutterson, 1801 Bank of America Bldg., Oakland.

Plans and specifications may be obtained from the office of the architects upon deposit of \$25.

Bids will be opened in the Board Room, Administration Bldg., Berkeley.

CONTRACT AWARDED

SANTA MONICA, L. A. Co., Calif.—Brunzell & Jacobson, 2150 Princeton Ave., L. A., awarded contract by Santa Monica Board of Education, at \$74,792 (subject to PWA approval), for construction of additions to John Adams Junior High School, 16th and Pearl Sts., Santa Monica. Edward Cray Taylor and Ellis Wing Taylor, 803 W. 3rd St., L. A., are the architects and engineers. 15

Bids Wanted — To Close October 3,
8 P. M.

JUNIOR COLLEGE ADDITION.
Cost, \$100,000

AUBURN, Placer Co., Calif.
One-story classroom and adminis-
tration building addition at Placer
Junior College of Auburn.

Owner—Placer Union High School
and Junior College Districts.
Architects—Masten & Hurd, 432 Post
St., San Francisco.

PWA grant allotted in the amount
of \$45,000. Balance of funds raised
by direct tax.

Plans and specifications may be
obtained from the architects' office
upon deposit of \$25.

Bids will be opened in the Library
Building, Placer Junior College of
Auburn.

Funds Asked
ADDITION

GREENFIELD, Monterey Co., Calif.
Construction of addition and altera-
tions at Greenfield Grammar
School.

Owner—Greenfield Union Grammar
School District.

Architect—Robert Stanton, Del Monte
Hotel, Del Monte.

Application filed for PWA grant to
aid in financing. • 15

BIDS WANTED

PRESCOTT, Ariz.—Until Sept. 29,
bids will be received by Prescott
School Trustees for the gym unit
to be built at Prescott high school,
a PWA project. Call for bids on
other units will be issued later.
Total cost is estimated at \$354,500.
Lescher & Mahoney, architects, 110
Title & Trust Bldg., Phoenix. • 15

Contract Awarded

SCHOOL Cont. Pr., \$61,950
BERKELEY, Alameda Co., Cal. NE
Milvia and Virginia Streets.

Completion of Unit No. 1 at Whittier
Elementary School.

Owner—Berkeley Unified School Dist.
(Clara E. Andrews, Secy.), 2325
Milvia Street, Berkeley.

Architects—P. L. Dragon and C. R.
Schmidts, B. R. Hardman and G.
Officer, 2068 Allston Way, Oak-
land.

Structural Engineer—W. Adrian, 417
Market St., San Francisco.

Contractor—Villadsen Brothers, Inc.,
354 Hobart St., Oakland.
(530) 1st report Aug. 29; 2nd, Sept.
16, 1938. • 15

Plans Completed

ADDITION Cost, \$.....
MERCED, Merced County, Calif.

Addition to John Muir Gram. School.
Owner—Merced Elementary Sch. Dis-
trict.

Architect—E. G. Ernst, 561 E. Har-
ding Way, Stockton.

Plans have been forwarded to the
State Division of Architecture for
approval.

PWA grant will aid in financing
construction. •

CONTRACTS AWARDED

SAN FRANCISCO.—A. M. Hardy,
736 Clementina St., at \$5,284 for
general construction work and Scott
Co., Inc., 243 Minna St., at \$2,707
for plumbing work awarded contracts
by the Department of Public Works,
City Hall, for construction of Tol-
let building at Burnett school, New-
comb Ave. and Lane Street.

BOND ELECTION

LARKSPUR, Marin Co., Calif.—The
Larkspur School District, will vote
October 10 on a proposal to issue
bonds in the amount of \$70,000 which
proceeds will finance construction of

alterations and additions to school
buildings. • 15

BIDS OPENED

CROCKETT, Contra Costa County,
Cal.—Robert B. McNair, 3745 Rhoda
Ave., Oakland, at \$11,319.50 sub-
mitted low bid and was recommended
for award of contract by the Car-
guinez Grammar School, Crockett,
for construction of a pedestrian un-
derpass, roadway and yard paving
and storm gutter and cement side-
walk. PWA. Docket Calif. 1950-F.
Engineer's Est., \$12,000.

Work Involves:

(A) Robert B. McNair, Oakland, \$11-
319.50.

(B) Independent Const. Co., Ltd.,
Oakland, \$11,933.50.

(C) L. O'Brien, San Francisco, \$12-
681.70.

(D) L. C. Seidel, Oakland, \$13,794.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)....	\$.135	\$.11	\$.16	\$.15
(2)....	.08	.06	.14	.09
(3)....	.19	.195	.20	.24
(4)....	7654.00	8900.00	7677.00	9600.00

Bonds Voted

ALTERATIONS

ROSS, Marin Co., Calif.

Alterations and additions to elemen-
tary school.

Owner—Ross Elementary School Dis-
trict

Architect—C. F. Gromme, Freitas
Building, San Rafael, and Albert
Evers, 525 Market Street, San
Francisco.

The school district voted bonds
Sept. 20 in the amount of \$60,000
which proceeds together with ex-
pected PWA grant will finance con-
struction.

Bids Wanted—To Close October 3,
8 P. M.

ADDITION Est. Cost, \$40,000
COLUSA, Colusa Co., Calif.

Addition to contain six classrooms
at the grammar school.

Owner—Colusa Elementary Sch. Dist.
Architect—Starks & Flanders, Bank
of America Bldg., Sacramento.

Plans and specifications may be
obtained from the architect's office
upon deposit of \$20.00.

Bids will be opened in the Prin-
cipal's office of the Colusa Eleme-
ntary School building, and must be
accompanied by certified or cash-
ier's check or bid bond for 5% of
bid. •

Contract Awarded

SCHOOL Cont. Pr., \$96,300
BERKELEY, Alameda Co., Cal. NE
Milvia and Virginia Streets.

Second unit of Whittier Elementary
School addition, consisting of 2-
story reinforced concrete bldg.

Owner—Berkeley Unified School Dist.
(Clara E. Andrews, Secy.), 2325
Milvia Street, Berkeley.

Architects—P. L. Dragon and C. R.
Schmidts, B. R. Hardman and G.
Officer, 2068 Allston Way, Oak-
land.

Structural Engineer—W. Adrian, 417
Market St., San Francisco.

Contractor—K. E. Parker Co., 135 So.
Park, San Francisco.

Bids Wanted—To Close October 1,
7:30 P. M.

GYM-AUDITORIUM Cost, \$21,000
DUNSMUIR, Siskiyou Co., Calif.

First unit of construction of a gym-
nasium-auditorium (90x150-ft.)
at the high school.

Owner—Dunsmuir Joint Union High
School District (Ferdinand Brown
Clerk).

Architect—H. C. Baumann, 251 Kear-
ny St., San Francisco.

Plans and specifications may be

obtained upon deposit of \$10, from
the architect's office and at the home
of the clerk of the district at Duins-
muir and at the office of County
Superintendent of Schools Robert G.
Dennis, Yreka.

Bids Wanted—To Close October 7,
8 P. M.

AUDITORIUM-GYM Est. cost \$65,000
GUSTINE, Merced Co., Calif.

One - story steel and wood combina-
tion auditorium-gym to seat 900.
Owner—Gustine Union Elementary
School District.

Architect—Franklin & Kump, Jr., T.
W. Patterson Bldg., Fresno.

Plans and specifications may be
obtained from the architect's office
Bonds voted in the amount of \$36-
000, together with PWA grant will
finance construction

Bids Wanted—To Close October 3,
8 P. M.

SCHOOL Cost, \$70,000
SAN CARLOS, San Mateo Co., Calif.

Chestnut St. N of Arroyo Ave.
Addition of classrooms and audi-
torium building at San Carlos
Central Grammar School.

Owner—San Carlos Elementary Sch.
District (Herbert O. Walters,
Clerk).

Architect—Thomas M. Edwards, 9
Geary St., San Francisco.

Bonds voted in the amount of \$45-
000, together with PWA grant, will
finance construction.

Plans and specifications may be
obtained from the architect's office
upon deposit of \$25.00.

Bids will be opened in the office
of the San Carlos Grammar School,
and must be accompanied by certi-
fied or cashier's check or bid bond
for 10% of bid.

Plans Completed

SCHOOL BLDG. Cost, \$63,850
LOS BANOS, Merced Co., Calif. West
Side Union High School.

Two - story reinforced concrete high
school (92x62-ft.) to replace the
present building.

Owner—Los Banos School District.
Architect—E. G. Ernst, 561 E. Har-
ding Way, Stockton.

Approval of PWA grant of \$28,732
is expected within a few days. Bal-
ance of funds on hand.

Plans have been forwarded to the
State Division of Architecture for
approval.

Preparing Working Drawings

BELVEDERE Cost, \$50,000
BELVEDERE, Marin Co., Calif.

One-story frame and stucco gram-
mar school to contain four class-
rooms, wood sash, maple floors,
slate roof, oil burning heating
system.

Owner—Belvedere Elementary Sch.
District.

Architect—D. E. Jaekle, and W. C.
Falch, Associate Architects, 126
Post St., S. F.

Application filed for PWA grant
for 45% of estimated cost.

Contract Awarded
SCHOOL ADDN. Cont. Pr., \$7,182
SALINAS, Monterey Co., Cal. Alisal
Elementary School.

First unit involving alterations, con-
verting old auditorium into two
classrooms.

Owner—Alisal Un. Elementary Sch.
District.

Architect—C. J. Ryland, 136 Boni-
facio Place, Monterey.

Contractor—Albert Stationo, 144 Pine
St., Salinas.

Complete bids follow:
Albert Stationo, Salinas.....\$7,182

F. C. Stolte Co., Pacific Grove, 7,240

Bids for the second unit of the

work for two classrooms and new auditorium will be asked shortly.

BONDS VOTED

KERN CO., Calif.—The Rio Bravo School District of the County of Kern, voted bonds Sept. 12 in the amount of \$40,000, which proceeds, together with expected PWA grant of \$5,000 will finance construction of a new school unit including two additional classrooms, a cafeteria and an auditorium.

Plans are being prepared by John Paxton Perrine & Associates; Huntington Barker, architect, Western Pacific Bldg., Los Angeles. * 15

Bids Wanted — To Close Sept. 30, 10:30 A. M.

SCHOOL. Cost, \$75,000
PULLMAN, Washington.

Construction of grammar school.
Owner—School District 59, Whitman County, C. V. Kruegel, chairman.

Architects—Whitehouse & Price, Hut-ton Bldg., Spokane, Wash.

Plans and specifications obtainable from the office of the architect.

BIDS WANTED

WHITTIER, L. A. Co., Calif.—Until Sept. 30, 4 P. M. (bids to be opened at 7:30 P. M. on that day), bids will be received by the Whittier Union High School District for the construction of a reinf. concrete girls' gym bldg. and swimming pool

at 1100 West Philadelphia Street, Whittier, a PWA project. Plans and specifications may be obtained from

Architect Wm. H. Harrison, 1101 Architects' Bldg., L. A., upon deposit of \$25. Certified or cashier's check or bond for 5% required.

Paul Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer.

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Calif.—Until Sept. 27, 8 P. M., bids will be received by the Santa Maria Union High School District for the addition of a frame and stucco shower and dressing room unit to the high school, a PWA project. Plans may be obtained from Architect Rudolph A. Polley, 611 E. Cypress St., Santa Maria, upon deposit of \$10. 15

Bids Wanted — To Close October 10, 8 P. M.

SCHOOL BLDG. Cost, \$100,000
MILVIA, VALLEY, Marin Co., Calif.
 Tamalpais Park School.

Two-story eight-classroom and auditorium elementary school building, concrete construction first floor, frame and stucco second floor, tile roof.

Owner—Mill Valley School District.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Eng.—Carl W. Zollner, San Francisco.

Bonds in the amount of \$55,000 were voted August 2d. PWA grant of \$45,000 allotted.

Plans and specifications obtainable from the architect's office upon deposit of \$20.

Bids will be opened at 8 P. M., Oct. 10, at the office of the Old Mill School, Mill Valley.

Contract Awarded

DINING HALL Cont. Pr., \$28,146
PETALUMA, Sonoma Co., Calif. Fair Grounds Sub-Division, Fair St., Lots 1 and 2, Blk. 12.

One-story frame and stucco dining hall (cafeteria) addition to high school.

Owner—Petaluma City High School District.

Architect—Brainerd Jones, 226 Washington St., Petaluma.

Contractor—Peter Sartorio, 369 Pine St., S. F.

Contract awarded on basic bid of \$28,718 less deduction of alternate

(1) \$272, for omitting underground electric service and deduction of alt.

(4) \$200 for omitting 130 ft. of corrugated culverts.

Contract Awarded

RECONSTRUCTION Cont. Price, \$13,229
PETALUMA, Sonoma Co., Cal. Sheldon and Bassett Sts. (Lots 1, 2, 3, 4, 5, 6, 7, 8, Blk 13).

Reconstruction of farm mechanics shop building.

Owner—Petaluma City High School District (Dr. Hall Weston, Clerk).

Architect—Brainerd Jones, 226 Washington St., Petaluma.

Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.

Contractor—Yorgensen Construction Co., 100 Washington St., Petaluma.

Contracts Awarded

LIBRARY Cont. Pr., \$202,655
CHENEY, Wash. Eastern Washington College of Education.

Two-story fireproof library building (150x98-ft.)

Owner—Regents of Eastern Washington College of Education.

Architect—George M. Rasque & Son, Washington Trust Bldg., Spokane

Contractor—J. T. Halin, 410 E. Trent, Spokane.

S. T. Miller Plumbing and Heating Co., N. 613 Monroe, Spokane, at \$36,700 awarded contract for plumbing and heating, and Brown-Johnstone Electrical Co., N. 117 Lincoln, Spokane, at \$8,956 awarded contract for electric wiring.

Contract Awarded

STORE BLDG. Cont. Pr., \$7,190
BURLINGAME, San Mateo Co., Cal. One-story frame and stucco store building.

Owner—Martin Stelling, Jr.

Architect—Earle Bertz, 681 Market St., San Francisco.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

Bids Opened

SCHOOL BERKELEY, Alameda Co., Calif. NE Milvia and Virginia Streets.

Second unit of Whittier Elementary School addition consisting of 2-story reinforced concrete bldg.

Owner—Berkeley Unified School Dist. (Clara E. Andrews, Secy.), 2325 Milvia Street, Berkeley.

Architect—P. L. Dragon, and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Allston Way, Oakland.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Low Bidder—K. E. Parker Co., 135 South Park, San Francisco, \$96,300.

Bids received for: (1) work complete, and (2) unit price concrete, per cubic yard.

Complete bids follow:

K. E. Parker Co., San Francisco, (1) \$96,300; (2) \$35.

D. Nordstrom & Co., Oakland, (1) \$98,072; (2) \$35.

Geo. Swanstrom, Oakland, (1) \$99,514; (2) \$35.

Peter Sartorio, San Francisco, (1) \$99,918; (2) \$27.50.

Villadsen Bros., Inc., Oakland, (1) \$104,950; (2) \$35.

N. H. Sjoberg & Son, Oakland, (1)

\$106,874; (2) \$32.

E. A. Howkins & Co., San Francisco, (1) \$107,000; (2) \$27.

Bids held under advisement. *

Bids Opened

SCHOOL BERKELEY, Alameda Co., Calif. NE Milvia and Virginia Streets.

Completion of Unit No. 1 at Whittier Elementary School.

Owner—Berkeley Unified School Dist. (Clara E. Andrews, Secy.), 2325 Milvia Street, Berkeley.

Architect—P. L. Dragon, and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Allston Way, Oakland.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Low Bidder—Villadsen Bros., Inc., 354 Hobart St., Oakland, \$61,950.

Bids received for: (1) work complete, and (2) unit price concrete, per cubic yard.

Complete bids follow:

Villadsen Bros., Inc., Oakland, (1) \$61,950; (2) \$35.

N. H. Sjoberg & Son, Oakland, (1) \$63,560; (2) \$32.

George Swanstrom, Oakland, (1) \$63,539; (2) \$35.

Peter Sartorio, San Francisco, (1) \$66,747; (2)

Bids held under advisement. *

Bids Wanted — To Close October 5, 8 P. M.

SCHOOL BLDG. Cost, \$50,000
HAYWARD, Ala. Co., Calif. Hayward Union High School.

Part one- and two-story reinforced concrete agricultural building.

Owner—Hayward Union High Sch. District.

Architect—H. C. Smith, 3867 Sacramento, San Francisco.

Plans and specifications may be obtained after Sept. 20 from the architects office upon deposit of \$25.

Bids Wanted—To Close Sept. 27, 7:30 P. M.

SCHOOL BLDGS. Cost, \$10,000
FRESNO, Fresno Co., Calif. Lowell School.

One temporary classroom unit and double classroom unit of frame construction.

Owner—Fresno City Board of Education.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Following have taken out plans: Harris Const. Co., 577 McKinley, Fresno.

Ericson & House, Rt. 6, Box 540, Fresno.

W. J. Ochs, Inc., Helm Building, Fresno.

R. E. Jolly, 834 Arthur, Fresno.

Midstate Const. Co., Pacific Southwest Bldg., Fresno.

T. C. and W. H. Irwin, 908 Mildreda, Fresno. *

Bids Wanted—To Close Sept. 27, 7 P. M.

SCHOOL ADDITION Cost, \$110,000
TAFT, Kern Co., Calif.

Reinforced concrete high school and Junior College addition to contain classrooms, dining room and domestic science room.

Owner—Taft Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Separate bids will be received for (1) general work; (2) electric work; (3) plumbing and heating; (4) hardware and (5) floor covering and venetian blinds.

Following have taken out plans: Fisher & McNulty, Mattel Bldg., Fresno.

Trewhitt-Shields & Fisher, T. W.

Patterson Bldg., Fresno.
Hansen & Sons, P. O. Box 519,
Fresno.
W. J. Ochs, Inc., Helm Building,
Fresno.
Guy Hall, Bakersfield.

**Bids Wanted—To Close October 3,
8 P. M.**
HIGH SCHOOL Cost, \$.....
CORCORAN, Kings Co., Calif.
Construction of high school plant, in-
cluding assembly building.
Owner—Corcoran Union High School
District (T. K. Brown, Clerk).
Architect—H. L. Gogerty, 6272 Yucca
St., Hollywood.

Plans and specifications obtainable
from the architect's office upon de-
posit of \$25, and are on file for ex-
amination at Room 523, Bank of
America Bldg., Visalia.

Bids must be accompanied by cer-
tified or cashier's check or bid bond
for 5% of the amount of the bid.
The school district recently voted
bonds in the amount of \$158,000, pro-
ceeds to aid in financing construc-
tion.

**Bids Wanted — To Close October 7,
7:30 P. M.**
SCHOOL Est cost, \$25,000
GONZALES, Monterey Co., Calif.

Frame addition to high school to con-
tain science classroom and girls'
locker and shower room.
Owner—Gonzales Union High School
District.

Architect—Chas. E. Butner, 7 Win-
ham St., Salinas.

Plans and specifications may be
obtained from the architect's office
upon deposit of \$15.

Bid opening date and amount of
deposit previously reported in error.

Preparing Working Drawings
SCHOOL

COSTA COSTA CO., Calif.
Alterations and additions to school.
Owner—Bay Point School District.
Architect—Harold H. Weeks, 593
Market St., S. F.

The school district voted bonds
Sept. 16 in the amount of \$23,000,
which proceeds will aid in financing
construction.

CONTRACT AWARDED

TRACY, San Joaquin Co., Calif.—
Alfred Pereira, P. O. Box 626, Tracy,
at 25c per cubic yard awarded con-
tract by the Tracy Elementary Sch.
District, for filling and grading area
around new school bldg., located at
West Eaton and Parker Ave., Tracy.
Low bid of G. J. Lake was rejected
as irregular.

Complete bids were:
Geo. J. Lake, 24c per cubic yd.
Alfred Pereira, 25c per cubic yard.
R. E. McCarthy, 28½c per cubic
yard.

Howard E. Marks, 29c per cubic
yard.
A. J. McCosker, 35c per cubic yard.

**Bids Wanted — Tentative Closing
Date Oct. 7.**

SITE PREPARATION
SCHOOL Cost, \$280,000
OAKDALE, Stanislaus Co., Cal. West
of Laurel Avenue bet. Magnolia
and Poplar Streets.

Preparation of site for construction
of one-story frame grammar
school building to contain approx-
imately 17 classrooms, auditorium
to seat 1000, cafeteria, kinder-
garten, library and shop.
Owner—Oakdale Elementary School
District (J. J. Berry, Supt.)

Architects—Frank W. Mayo and Eric
W. Johnson, 931 North El Dorado
St., Stockton.

Bids are being received for clear-

ing of site and grading. Specifica-
tions obtainable from the architects'
office upon deposit of \$25.

Contract Awarded
STORE BLDG. Cont. Pr., \$11,474
SAN FRANCISCO, 19th Avenue and
Irving Street.
Two - story frame store and office
building.

Owner—Pacific States Savings and
Loan Company.
Architect—Albert F. Rofler, Crocker
First National Bank Building.
Contractor—W. C. Akard, 225 Cer-
vantes Blvd.

Sub Contracts Awarded
BANK BLDG.
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
Bank of America Building.
Owner—Capital Co., 625 Market St.,
San Francisco.

Plans by Eng. Dept. of Owner.
Contractor—Cahill Bros., Inc., 206
Sansome St., S. F.

Piling—A. W. Kitchen Co., 110 Mar-
Lumber—Loop Lumber Co., Central
Basin.

Roofing—Malott & Peterson, 20th &
Harrison Sts.

Sheet Metal—Morrison & Co., 74 Du-
boce St.

Plastering—Peter Bradley, 639 Bran-
nan St.

Electric—Alta Electric & Mechanical
Co., Inc., 467 O'Farrell St.

Ventilating—New Mission Sheet Met-
al Works, 3401 Mission St.

Plumbing—Scott Co., Inc., 243 Minna
St.

Contract Awarded
STORE BLDG. Cost, \$30,000
WOODLAND, Yolo Co., Calif. First
and Bush Streets.
One-story concrete store building.
Owner—Yolo Grocery Company.

Architect—Dragon & Schmidt, 2063
Allston St., Oakland.
Contractor—E. L. Younger, 925 Main
St., Woodland.

Contract re-awarded by Fidelity
Bond and Deposit Co. of Maryland
to complete work.
(286) 1st report Aug. 1, 1938. 16

BIDS REJECTED

LOS ANGELES, Calif.—Bids re-
ceived by the Railway Express Ag-
ency, 85 Second Street, San Fran-
cisco, for furnishing the office por-
tion of their building on the new
Union Terminal site in Los Ange-
les, were rejected. Plans will prob-
ably be revised and refigured by the
previous low bidder.

16—BANKS, STORES AND OFFICES

**Bids Wanted—To Close October 11,
8 P. M.**

ALTERATIONS Cost, \$.....
SAN RAFAEL, Marin Co., Calif.
Construction of Units C, D, E and F
additions to the San Rafael High
School, including alterations to
present building and plumbing
and electrical systems for Units
A, B, C, D, E and F and present
shop building.

Owner—City of San Rafael School
District (Oliver Hartzell, Supt.
of Schools).
Architect—N. W. Sexton, 1601 de-
Young Bldg., San Francisco.

Plans and specifications obtainable
from the office of the architect and
from the secretary of the Board of
Education, San Rafael High School
upon deposit of \$25.00.

Bids will be opened in the office
of the secretary of the Board at 8
P. M.

Bids Opened
CAFETERIA, ETC.
FORTUNA, Humboldt Co., Calif.
One-story frame cafeteria building,
one-story frame shop bldg., and
frame bus garage.

Owner—Fortuna Union High School
District.

Architect—Norman R. Coulter, 46
Kearny St., San Francisco.

Low Bidder—M. R. Crane, 180 Santa
Ana Ave., San Francisco, \$29,320.

Recommendation was made to PW
that contract be awarded the low
bidder.

Complete bids follow:
M. R. Crane, S. F. \$29,320
Robert McCarthy, S. F. 31,878
R. H. Douglas, Fortuna 33,063
Moore & Roberts, S. F. 33,956
F. J. Maurer, Eureka 35,700

18—WHARVES & DOCKS

Contract Awarded
ADDITION Cont. Price, \$70,000
STOCKTON, San Joaquin Co., Calif.
Deep Draft Terminal.

Additions to Units C, D & E, Stock-
ton Terminal (cotton compress)
reinfr. concrete foundations, con-
crete floors, brick firewalls, cor-
rugated iron and frame side-
walls, wood roof decking, com-
position roofing, wooden interior
supports, automatic sprinkler sys-
tem, underground water mains.

Owner—Stockton Port District (B. C.
Ailin, Secretary).

Plans by Engr. Dept. of Owner.

Contractor—O. H. Chain, 41 South
Sutter St., Stockton.

Complete bids published Aug. 23.

Sub Contracts Awarded
RECONSTRUCTION.

Cont. Pr., \$135,605
SAN FRANCISCO, Pier 48 and Pier
50, Embarcadero.

Reconstruction of South Apron at
Pier 48 and north Apron at Pier
50, damaged by fire.

Owner—State of California (Board
of Harbor Commissioners), Ferry
Building.

Engineer—Frank G. White, Ferry
Building.

Contractor—Healy Tibbitts Construc-
tion Co., 1100 Evans Ave.

Asphalt—The Fay Improvement Co.,
760 Market St.

Track Work—A. D. Schader, 144
Spear St.

LOW BIDDERS

FORT ALLEN, Kauai, T. H.—E.
E. Black, Ltd., Honolulu, at \$548-
943.60 submitted low bid to the Board
of Harbor Commissioners, Louis S.
Cain, Chairman, for construction of
wharf and terminal facilities at Port
Allen, Kauai, T. H.

Second low bid submitted by
James W. Glover, Honolulu, at \$559-
963.77.

**Bids Wanted — To Close October 17,
3 P. M.**

HARBOR TERMINALS IMP'TS.
PORT OF REDWOOD CITY, San
Mateo Co., Calif.

Construction of Harbor Terminal
Improvements and warehouse in-
cluding equipment.

Owner—Redwood City Council, B. E.
Myers, City Clerk, City Hall.

Plans by Eng. Dept., City of Red-
wood City.

Plans and specifications obtainable
from the office of the city clerk
upon deposit of \$20.

LOW BIDDER

LOS ANGELES, Cal.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$236,117 on Proposition No. 1, submitted low bid to the Los Angeles Harbor Commission, City Hall, Los Angeles, for construction of reinforced concrete apron wharf facilities at Berths 57 and 60, Wilmington; Spec. 979.
(732) 1st report Sept. 6, 1938. 18

19—MISC. CONSTRUCTION

CONTRACT AWARDED

OVERTON, Clark Co., Nev.—Bennett & Taylor, 598 San Fernando Rd., Los Angeles, at \$143,173.10 (using copper conductor) have been awarded contract by the Overton Power District No. 5, Overton, Nev., for the construction of a rural electrical distribution system, involving approximately 93 miles of line. H. W. Crozier, 209 S 3rd St., Las Vegas, Nev., engineer. 19

BIDS WANTED

CHEHALIS, Wash.—Until October 13, 7:30 P. M. bids will be received by the Lewis County Public Utility District, Chehalis, for constructing 65 miles power distribution line in Alpha-Randle-Glenoma Area, involving erection of poles, lines, transformers, meters, etc. Clearing to be done separately.

Plans and specifications may be obtained from Baar and Cunningham, Consulting Engineer, Spaulding Building, Portland. 19

CONTRACT AWARDED

YERBA BUENA SHOALS.—Malott and Peterson, 2412 Harrison St., San Francisco, at \$2,621 submitted low bid and awarded the contract by the San Francisco Bay Exposition Company, 585 Bush Street, San Francisco, under Contract No. 212, for lining of pools in the Central and North Square Courts. 19

BIDS WANTED

COALINGA, Fresno Co., Cal.—Until Sept. 29, 8 P. M., bids will be received by the Coalinga Union High School District, P. F. Jensen, Clerk, for erection of a chain link fence to surround the high school athletic field, located at Coalinga.

Plans and specifications on file with the superintendent of schools at the Coalinga High School.

Bids must be accompanied by certified check or bidder's bond in the amount of 10% of bid.

BIDS WANTED

ALCATRAZ, Calif.—Until Sept. 27, 2:00 P. M. bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, Room 415, P. O. Bldg., S. F., under Bid No. 1617, for repairing the Launch McDowell. Launch may be inspected at Dock No. 4, Fort Mason.

Plans and specifications may be obtained from above office. 19

20—MISC. SUPPLIES AND MATERIALS

BIDS WANTED

ALAMEDA, Calif.—Until October 4, 8:15 P. M. bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, Alameda, for furnishing sewer pipe for the fiscal year ending June 1939.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-68, for furnishing and delivering Douglas fir lumber; fob bidder's shipping point and/or Lovdahl, Calif.

Bids were:
Daugherty Lumber Co., \$1256.95, 2% 10 days, 1/2% 20 days, 1% 30 days; fob Eugene.

Sullivan Lumber Co., \$1350.80, 2% 10 days; fob Eugene.

Thompson Lumber and Piling Co., \$1186.37, 2% 10 days; fob Eugene.

Stapleton Lumber Co., \$1525.20, 2% 10 days. Items 1 to 12, fob Penngrow; items 13 to 15, fob Swiss-hofer, Ore.

Knox Lumber Co., \$1326.22, 2% 20 days; fob Eugene.

E. K. Wood Lumber Co., \$1270.54, 2% 30 days; fob Portland.

Diamond Match Co., \$3391.76, net, fob Portland. Alt. \$1792.59, fob Lovdahl, Calif.

Loop Lumber Co., \$1863.60, 2% 10 days; 1% 20 days; fob San Francisco.

Friend & Perry, \$1830.86, 2% 30 days; fob Lovdahl.

Neidermeyer - Martin Lbr. Co., \$1-595.43, 1% 10 days; fob Reedsport.

Cascade Cargo Sales Corp., \$1-122.92, 2% 10 days; fob Portland and Eugene.

Auburn Lumber Co., \$1949.60, 2% 10 days; fob Toledo, Ohio. 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under LS 221, for furnishing 15,450 tons crushed rock.

Bids were:
Blake Bros., S. F., Sch. 1 \$10,490; Sch. 2, \$9,612.50.

Hutchinson Co., Oakland, Sch. 1 \$10,490; Sch. 2, \$9,672.50, alt. \$12,005.

Superior Rock Co., Oakland, Sch. 1 \$10,490; Sch. 2 \$12,005.

Henry J. Kaiser Co., Oakland, Sch. 1 \$10,950, alt. \$8,540; Sch. 2 \$5,205 (partial bid).

Heafey-Moore Co., Oakland, Sch. 1 \$11,500; Sch. 2 \$11,130. 20

BIDS OPENED

PALO ALTO, Santa Clara Co., Calif.—Mortenson Construction Co., 608 Indiana St., San Francisco, at \$29.50, net, submitted low bid to the Veterans Administration Facility, Wm. H. Radcliffe, Supervising Superintendent of Construction, Palo Alto, under Bid No. 54-39-3, for three metal frames for elevator entrances; f.o.b. VA Facility, Reno, Nev.

Complete bids follow:
Mortenson Const. Co., 608 Indiana St., S. F., \$29.50, net.

South Gate Iron Works, Huntington Park, \$33. 1/2 of 1% 10 days.

Michel and Pfeffer Iron Works Inc., S. F., \$33, net.

Forderer Cornice Works, S. F., \$37, net.

Metal Door and Trim Co., Indiana, \$42, 1% 10 days.

Monarch Iron Works, S. F., \$43, 1/2 of 1% 20 days.

L. Schaffer & Co., S. F., \$44, 2% 10 days.

Siems Bros., St. Paul, \$46, net.

A. J. Baer Co., L. A., \$52.50, net.

Architectural Metal Works, L. A., \$69, 1% 10 days.

Reno Sheet Metal Works, Reno, \$105.60, 2% 10 days. 20

BIDS OPENED

PLACER CO., Calif.—Calaveras Cement Co., 315 Montgomery St., San

Francisco, at \$1.58 per bbl. f.o.b. Kentucky House, Oregon; and \$2.036, f.o.b. Auburn, submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Circ. Prop. No. 1105-39-68, for furnishing and delivering approximately 25,000 barrels Portland cement in 94-lb. paper bags to be used in construction of the North Fork Dam on North Fork of American River, Placer County, Calif. F.O.B. shipping point and/or Auburn, Calif.

Complete bids follow:
Calaveras Cement Co., 315 Montgomery St., S. F., \$1.58 per bbl, f.o.b. Kentucky House, Oregon; \$2.036, f.o.b. Auburn.

Pacific Portland Cement Co., \$1.65, f.o.b. Redwood Harbor, Redwood City; \$2.22, f.o.b. Auburn.

Santa Cruz Portland Cement Co., \$1.75, f.o.b. Stockton. 20

BIDS OPENED

SAN BRUNO, San Mateo County, Calif.—R. G. Clifford, 215 Market St., San Francisco, at \$37,900 submitted low bid to the San Bruno City Council, City Hall, for construction of a concrete culvert approximately 3500 feet long over three creeks in San Bruno.

Work involves:
(1) 3375 c.y. earthfill;
(2) 609 c.y. top soil;

(3) 350 lf. reinforced concrete pipe;

Complete bids follow:
R. G. Clifford, 215 Market Street, San Francisco, (1) \$0.38, (2) \$0.70, (3) \$3.60, total \$37,800.

Barrett and Hilp, S. F., (1) \$0.60, (2) \$0.75, (3) \$4.00, total \$37,900.

Dan Caputo, San Jose, (1) \$0.50, (2) \$0.50, (3) \$4.50, total \$37,987.

John E. Branagh, Piedmont, (1) \$0.36, (2) \$0.35, (3) \$4.90, total \$38,793.

M. J. Lynch, S. F., (1) \$0.30, (2) \$0.20, (3) \$4, total \$38,990.

G. W. Williams Co., Burlingame, (1) \$0.36, (2) \$0.38, (3) \$3.60, total \$39,975.

Chas. L. Harney, S. F., (1) \$0.35, (2) \$0.45, (3) \$3.75, total \$43,600.

Sibley Grading & Teaming Co., S. F., (1) \$0.40, (2) \$0.60, (3) \$6.70, total \$44,473.

Pacific States Const. Co., S. F., (1) \$0.30, (2) \$0.75, (2) \$6, total \$46,489.

Piazza and Huntley, S. F., (1) \$0.60, (2) \$0.80, (3) \$4, total \$46,650.

Williams Bros. & Haas Inc., S. F., (1) \$0.55, (2) \$0.60, (3) \$6, total \$47,900.

Bids held under advisement until after the Bond Election, Sept. 27.

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 1011 Phelan Bldg., San Francisco, under Bid No. 1360 for furnishing (1) 72,000 gals. penetrating liquid asphalt for delivery at Charlton Flats, approximately 23 miles from Foothill Blvd., Los Angeles; (2) 14,000 gallons cut-back, seal coat asphalt for delivery in the vicinity of Charlton Flats; (3) 77,000 gals. of penetrating liquid asphalt for delivery in the vicinity of Chilao Campground, approximately 26 miles from Foothill Blvd., Los Angeles; and (4) 14,000 gallons cut-back, seal coat asphalt for delivery at Chilao.

Bids were:
Paulsen and March, L. A., Items 1 and 3 combined, \$5,185.20; Items 2 and 4, \$1,106.

Square Oil Co., L. A., Items 1 and 3, \$6,705; Items 2 and 4, \$1,260.

Shell Oil Co., L. A., Items 2 and 4, \$1,706.74.
and 3, \$7,450; Items 3 and 4, \$1,299.20.

Morgan Bros., Maywood, Items 1

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineering Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 886-39-90, for furnishing and delivering an electric light plant, consisting of one gasoline engine driven 2000-watt D.C. generator with control panel and power selection switch; fob Fort Cronkhite, Marin County.

Bids were:

Kohler Co., \$358.00, net (without panels).

The Rix Co., \$395, net (including panels). * 20

CONTRACT AWARDED

SAN FRANCISCO.—Loop Lumber Co., Central Basin, San Francisco, at \$138.40, 2% 30 days, submitted low bid and was awarded the contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-91, for 5,000 FBM Douglas Fir lumber; fob Fort Cronkhite, Marin County.

Other bids were:

Rolando Lumber Co., \$140; 2% 30. Smith Lumber Co., \$142.50, 2% 10.

A. L. Stockton Lumber Co., \$190, 2% 30 days. * 20

BIDS OPENED

SACRAMENTO, Cal.—California Corrugated Culvert Co., 5th and Parker Sts, Berkeley, at \$514.13 submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208 Post Office Building, Sacramento, under Bid No. 1105-39-72, for furnishing and delivering corrugated iron pipe and smooth steel pipe, steel head gates, automatic drainage gates and misc. appurtenances; f. o. b. Colusa, Calif.

Total bids follow:

California Corrugated Culvert Co., Berkeley, \$514.13.

Western Pipe and Steel Co., S. F., \$521.68.

Montague Pipe and Steel Co., submitted a partial bid. * 20

BIDS WANTED

BONNEVILLE, Oregon. Until Oct. 6, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-29, for furnishing and delivering 48 concrete stop logs; f.o.b. railroad cars at Bonneville, Oregon.

Plans and specifications available from the above office. * 20

BIDS OPENED

LOS ANGELES, Calif.—Riverside Cement Co., L. A., submitted low bid to U. S. Engineer, L. A., for 10,000 bbls. cement f.o.b. bidder's shipping point or Parker, Ariz., Inv. 488. The bids were:

Riverside Cement Co.—(1Aa) f.o.b. Crestmore, Calif., \$1.65 per bbl.; (1Ab) f.o.b. Crestmore, \$1.35; (1Ba) f.o.b. Parker, \$2.33; (1Bb) f.o.b. Parker, \$2.03; net.

Southwestern Portland Cement Co.—f.o.b. Victorville, (1Aa) \$1.67, (1Ab) \$1.42, net.

California Portland Cement Co.—f.o.b. Colton, (1Aa) \$1.74; (1Ab) \$1.50; net.

Monolith Portland Cement Co.—f.o.b. Monolith, Calif., (1Aa) \$1.99, (1Ab) \$1.48; \$1.0 per bbl. disc.

BIDS OPENED

SACRAMENTO, Calif.—Thomson Diggs Co., 3rd and R Sts., Sacramento, at \$0.1349 submitted low bid to the Sacramento City Council, Ii. G. Denton, City Clerk, City Hall, for furnishing 10,000 feet of copper tubing. Total bids follow:

Thomson Diggs Co., Sacramento,

\$0.1349.

Tay - Holbrook Co., Sacramento,

\$0.1529.

Crane Co., Sacramento, \$0.1537.

Dallman Supply Co., Sacramento,

\$0.1546.

The American Brass Co. San Francisco,

\$0.15468.

Pacific Metals Co., Ltd., San Francisco,

\$0.1571.

Adam-Hill Co., S. F., \$0.1633.

M. R. Carpenter, Sacto., \$0.17.

Gilmore Steel & Supply Co., San Francisco, \$0.173. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-67, for furnishing and delivering misc. castings etc., as follows: (1) 1 main outer shaft gear; (2) 1 intermediate shaft gear; (3) 1 impeller shaft; (4) 2 swing wire guide spools; (5) 3 split water ring castings; (6) 12 runner shaft coupling bolts; (7) 5 dredge pump head liners (engine side); (8) 5 dredge pump head liners (suction side); (9) 5 dredge pump suction mouth-piece liners; (10) 2 eccentric strap castings (main circulator).

F.O.B. Rio Vista, Calif.

Complete unit bids follow:

Hawley Force & Mfg Co., S. F., (1) \$981.60, (2) \$498.90, (3) \$310, (4) \$33,

(5) \$7.95, (6) \$3, (7) \$301, (8) \$251.35,

(9) \$125.50, (10) \$16.50.

Pacific Foundry Co. Ltd., S. F., (7) \$697, (8) \$579, (9) \$380.

Western Gear Works, Seattle, (1) \$920, (2) \$470.

Columbia Machine Works, S. F., (1) \$1,019, (2) \$461 (3) \$275, (9) \$118.

Pacific Coast Engineering Co, Oakland, (3) \$314.

Golden Gate Miners Iron Works, S. F., (1) \$816, (2) \$479, (3) \$326, (7) \$258, (8) \$239.75, (9) \$115.

Stockton Iron Works, Stockton, (1) \$915, (2) \$425, (4) \$27.50, (7) \$289.60,

(8) \$110.40, (10) \$11.

Monarch Foundry Works, Sacramento, (1) \$1125, (2) \$412.50, (3) \$350,

(4) \$20.25, (9) \$116.50, (10) \$17.50.

General Metals Corp., Oakland, (1) \$894.25, (2) \$443, (4) \$29.95, (7) \$307.80, (8) \$244.25, (9) \$130.35, (10) \$16.25.

M. Greenberg's Sons Brass Foundry and Machine Works, S. F., (5) \$5.60.

Moore Dry Dock Co., Oakland, (totals) (1) \$955, (2) \$410, (3) \$325,

(4) \$60, (5) \$35, (6) \$48, (7) \$1342, (8) \$1170, (9) \$598, (10) \$40.

Union Machine Co., S. F., (3) \$188,

(4) \$5.50 total, (5) \$5.55, (7) \$256,

(8) \$226, (9) \$92.80, (10) \$36.

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

General Engineering & Dry Dock Co., S. F., (3) \$463, (7) \$1249 total,

(8) \$1,109 total, (9) \$539 total. * 20

220 cu. ft. each; and (2) 25 cylinders acetylene containing approximately 260 cu. ft. each.

Total bids follow:

Stuart Oxygen Co., S. F., (1) \$0.0157, total \$172.70; (2) \$0.0290, total \$188.50.

Air Reduction Sales Co., (1) \$0.0175, total \$192.50 (2) \$0.0311, total \$202.15.

Linde Air Products, (1) \$0.0179, total \$196.90; (2) \$0.0317, total \$206.05. * 20

CONTRACT AWARDED

OAKLAND, Calif.—The Paraffine Companies, Inc., at \$1.05 awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 3,000 gallons of white lacquer for traffic markers. * 20

CONTRACT AWARDED

YAKIMA PROJ., Wash.—American Bridge Co., Denver, at \$10,921 was awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 1109-D, for furnishing and delivering structural steel for the Northern Pacific railroad bridge over the Yakima Ridge canal and the service bridge on the Roza division dam, Roza Division, Yakima Project. * 20

BIDS WANTED

BONNEVILLE, Ore.—Until Oct. 18 3 P. M. bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-30, for furnishing draft tube stop logs, including (1) 2 bottom sections; (2) 6 intermediate sections and (3) 8 latch assemblies. Alt. A: fob bidder's shipping point; Alt. B: fob Bonneville.

Plans and specifications may be obtained from the above office.

ALAMEDA COUNTY UNDER \$1000

Wreck two-story building, \$50; 131 Chestnut St., Oakland; owner and contractor, Mrs. M. Perry, 1237 51st Ave.

GARAGE, 1-story, \$45; 2301 Mountain Blvd., Oakland; owner a contractor, Paul G. Clark, 2301 Mountain Blvd.

GARAGE, 1-story tile, \$400; 1156 E 14th St., Oakland; owner, J. D. Lafano, premises; contractor, A. B. MacMurtry, 1217 Grand Ave., Piedmont.

RE-ROOF, \$195; 2613 Ashby, Berkeley; owner, Mr. Bridges, 2613 Ashby, Berkeley; contractor, Brown Roofing Co., 4820 Shattuck.

DAILY PACIFIC BUILDER

LARGEST CONSTRUCTION DAILY IN THE WEST

Published by

Stark-Rath

PRINTING AND PUBLISHING COMPANY

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Syst. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS OPENED

TUOLUMNE CO., Calif.—Nelson Wallace, Escalon, at \$26,662.35 (using concrete) and \$27,471 (using steel) submitted low bid to the Tuolumne County Board of Supervisors, Court House, Sonora, for the construction of a concrete bridge across the Stanislaus River, at Parrotts Ferry about 1.5 miles north of Columbia, consisting of three spans; one 100-ft. and two 70-ft. side spans, having a clear roadway width of 20-ft.; or an alternate for a steel bridge consisting of three spans, one 125-ft. and two 72½-ft.

Next two bids were:
 O. J. Scherer, Angel's Camp, concrete \$28,500; steel \$29,030.
 J. S. Metzger & Son, L. A., concrete \$31,949.40; steel \$29,954. * 21

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Geo. C. Renz, 555 Fifth St., Gilroy, at \$3,165 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the extension of the reinforced concrete bridge on the Willow Springs Road bridge over Llagas Creek in Supervisor Dist. 1, Santa Clara County.

Total bids follow:
 Geo. C. Renz, Gilroy.....\$3,165.00
 O. G. Ritchie, San Jose.....3,447.00
 Dan Caputo, San Jose.....3,476.00
 Collins & Martin, San Jose.....3,655.00
 Bert Ward & Son, San Jose.....3,675.00
 Engineer's estimate.....2,990.00

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$35,508.06 awarded contract by the State Division of Highways, Sacramento, for construction of an overhead crossing over tracks of the Southern Pacific Co. on Daly St. at Alhambra Ave. consisting of steel and timber stringer spans with concrete deck timber pile bents in the City of Los Angeles. * 21

BIDS WANTED

YUBA COUNTY, Cal.—Until Sept. 27, 10 A. M., bids will be received by the Yuba County Board of Supervisors, W. M. Strief, County Clerk Hall of Records, Marysville, for the construction of a steel bridge consisting of an 80-ft. span with a 45-ft. span together with abutments, piers and wall, across Slate Creek in Plumas County.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 21

CONTRACT AWARDED

CONTRA COSTA CO., Cal.—Frank Legg, 50 Laguna St., San Francisco, at \$8,509.92 submitted low bid and was awarded contract by the Contra Costa County Board of Supervisors, Hall of Records, Martinez, for the construction of the Maloney Bridge over San Pablo Creek, about 2 miles above the town of San Pablo, Contra Costa County. Est. cost, \$8,500.

Total bids follow:
 Frank Legg, San Francisco.....\$8,509.92
 E. W. Peterson, S. F.....8,519.91
 L. C. Seidel, Oakland.....9,564.58
 Bundesen & Lauritzen,
 Pittsburg.....10,062.84
 M. A. Howkins & Co., S. F.....10,646.42
 B. E. McGowan, Inc., S. F.....11,805.93

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until October 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a bridge across Temescula creek, about seven miles east of Temescula, consisting of reinforced concrete girder spans supported by reinforced concrete piers on precast concrete piles (VIII-Riv-78-B), Riverside County. PWA job.

- Work involves:
 (1) 1 lot remove and dispose of existing bridge;
 (2) 700 c.y. struc. excav.;
 (3) 164,000 lbs. bar reinf. steel;
 (4) 124 c.y. Class A Portland cement conc. footing blocks;
 (5) 720 c.y. Class A do, struc.;
 (6) 722 l.f. timber ralling;
 (7) 2,100 lbs. misc. steel;
 (8) 1,390 l.f. furnish precast conc. piles;
 (9) 85 each drive precast conc. piles (10) 36 l.f. 12-in. CMP;
 (11) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

CONTRACT AWARDED

HUMBOLDT CO., Cal.—Claude C. Wood, P. O. Box 1714, Stockton, at \$10,572 awarded contract by State Division of Highways, Sacramento, for the construction of a reinforced concrete bridge across Redwood Creek at Whittemore Grove State Park, Humboldt County. * 21

LOW BIDDERS

PORTLAND, Oregon.—American Bridge Co., at \$914,218, fob Pittsburgh, Pa., (item 1); and Bethlehem Steel Co., at \$236,332, fob Leidsdale, Pa., (item 2), submitted low bids to J. D. Ross, Administrator, The Bonnevillie Project, Failing Bldg., Port-

land, for (1) 1353 steel towers ranging up to 70 ft. in height to be used on 220,000-volt transmission line that will "tie" Bonneville Dam to Grand support transmission line between Coulee; and (2) 353 steel towers to dam and Vancouver, Wash. * 20

CONTRACT AWARDED

SAN DIEGO, Calif.—V. R. Dennis Construction Co., 3911 Fifth Ave., San Diego, at \$33,341.95 awarded contract by the San Diego County Supervisors for the construction of a combination pile trestle and wooden truss bridge across the San Luis Rey River on County Road Survey No. 674. * 21

CONTRACT AWARDED

MARIPOSA CO., Calif.—John Rocca, Box 444, San Rafael, at \$148,099 awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, S. F., for constructing bridges on Section A1 of Route 3, the Big Oak Flat Road, a length of 0.117 miles, Yosemite National Park, Mariposa Co. * 21

BIDS WANTED

YUBA COUNTY, Cal.—Until Oct. 10, 10 A. M., bids will be received by the Department of Public Works, Division of Water Resources, Edward Hvatt, State Engineer, 401 Public Works Bldg., Sacramento, for constructing a timber and pile bent bridge over South Dry Creek on the county road connecting the Oso road with State Highway 99-E and approximately 1½ miles northwest of Wheatland, Yuba County.

Plans and specifications may be obtained from the above office. * 21

LOW BIDDERS

TULARE COUNTY, Cal.—Rexroth & Rexroth, 2110-C, Sta. A, Bakersfield, at \$3613.30 submitted low bid to the Tulare County Board of Supervisors, Gladys Stewart, County Clerk, Court House, Visalia, for construction of a redwood timber bridge consisting of four 19-ft. 0-in. spans supported upon redwood pile bents and abutments across Yokohl Creek, Tulare County.

L. C. Clark, Visalia, at \$3770.60 submitted second low bid. * 21

BIDS WANTED

SACRAMENTO CO., Calif.—Until October 3, 10:00 A. M., bids will be received by the Sacramento County Board of Supervisors, Thos. F. Patterson, County Clerk, Room 201, Court House Building, Sacramento, for construction of a steel swing bridge and trestle approaches over Sutter Slough and grading and surfacing road leading to bridge, Sacramento Co., Calif.

- Work involves:
 ALTERNATE "A"
 (1) 3,000 c.y. channel excavation;
 (2) 85,925 lbs. steel in cylinder piers, in place;
 (3) 2,050 l.f. furnishing and driving untreated Douglas Fir foundation piles;
 (4) 290 c.y. Class A concrete in cylinder piers;
 (5) 305,000 lbs. structural steel in place;
 (6) 21,100 lbs. cast steel and machinery in place;
 (7) 91 c.y. lightweight deck concrete in place;
 (8) 2,600 l.f. furnishing and driving

Capital City Title Company

•

JAMES E. BANCROFT

•

Manager

•

801 J Street
Sacramento : California

- treated Douglas Fir trestle approach piles;
- (9) 5,940 MFBM treated Douglas fir caps and crossbracings, in place;
- (10) 34,878 MFBM treated Douglas fir stringers, scabs and bridging;
- (11) 6,990 MFBM Redwood sub-floor in place;
- (12) 152 c.y. Class A concrete in trestle deck;
- (13) 35,634 lbs. reinforcing steel, in place;
- (14) 8,934 MFBM Redwood railing material, in place;
- (15) 1640 lf. untreated Douglas Fir dolphin piling furnishing and driving;
- (16) 2500 c.y. roadway fill, in place;
- (17) 1,000 tons crusher run base, in place;
- (18) 14.1 tons liquid asphalt, SC-1A, in place;
- (19) 175 tons coarse screenings, in place;
- (20) 157 tons fine screenings, in place;
- (21) 26 tons liquid asphalt 95 plus, in place;
- (22) 200 c.y. structure excavation.

ALTERNATE "B"

- (1) 3,000 lbs. channel excavation;
- (2) 85,925 lbs. steel in cylinder piers, in place;
- (3) 2080 lf. furnishing and driving untreated Douglas fir foundation piles;
- (4) 290 c.y. Class A concrete in cylinder piers;
- (5) 240,000 lbs. structural steel, in place;
- (6) 21,100 lbs. cast steel and machinery, in place;
- (7) No item seven in Alt. B;
- (8) 2,600 lf. furnishing and driving treated Douglas fir approach piles;
- (9) No item 9 in Alt. B;
- (10) No item 10 in Alt. B;
- (11) No item 11 in Alt. B;
- (12) No item 12 in Alt. B;
- (13) No item 13 in Alt. B;
- (14) 8,934 MFBM Redwood railing, in place;
- (15) 1640 lf. untreated Douglas Fir dolphin piling furnishing and driving;
- (16) 2500 c.y. roadway fill, in place;
- (17) 1,000 tons crusher run base, in place;
- (18) 14.1 tons liquid asphalt, SC-1A, in place;
- (19) 206 tons coarse screenings, in place;
- (20) 185 tons fine screenings, in place;
- (21) 31 tons liquid asphalt 95 plus, in place;
- (22) 200 c.y. structure excavation;
- (23) 5,940 MFBM treated Douglas fir caps and crossbracings, in place;
- (24) 60,000 MFBM Douglas fir stringers, scabs and bridging, in place;
- (25) 500 MFBM Douglas fir plank-ing in place.

Bids may be submitted on Alt. A or Alt. B; or both A and B.

Plans and specifications may be obtained from the County Engineer, Room 310, Court House, Sacramento, upon the deposit of \$10.00, refundable. * 21

22— DREDGING HARBOR WORKS, EXCAVATION**BIDS WANTED**

YUBA COUNTY, Calif.—Until October 4, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for raising and strengthening approximately 7630 lf. existing levee along the east levee of the Feather

River in the vicinity of Marysville, Yuba County. Work involves:

- (1) 314,400 c.y. levee embankment, in place;
- (2) 9,200 M. gals. water for compaction purposes, applied as directed;
- (3) 82 c.y. road gravel, in place;
- (4) 180 lf. furnishing and installing 36-in. dia. No. 10 gauge corrugated iron pipe with necessary 36-in. dia. No. 10 gauge band couplers;
- (5) 2 each furnishing and installing 36-in. dia. Calco No. 100 cast steel gate, or equal;
- (6) 16 c.y. concrete, Class A in place
- (7) 1190 lbs. furnishing and placing reinf. steel;
- (8) 1 job remove and reinstall existing 8-in. dia. by 26-ft. (approx.) corrugated iron pipe and drop inlet and remove and waste existing cobbled wasteway and 5-in. dia. Calco No. 100 gate, all at Sta. 86 plus 70;
- (9) 1 job, remove and waste existing steel gate, timber gate structure and plank walkway at Station 7 plus 91;
- (10) 1 job remove and waste existing steel gate, timber gate structure and plank walkway at Station 8 plus 48.

Plans and specifications may be obtained from the above office, no deposit. * 22

CONTRACT AWARDED

PUGET SOUND, Wash.—General Construction Co., 3840 Iowa, Seattle, at \$2,090,900 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8833, for a concrete graving dock at the Navy Yard, Puget Sound.

Bids taken on:

- (1) Basic bid;
- (2) Alt. bid, omitting crane track;
- (3) Alt. bid, dirt to be put in specified place;
- (4) Alt. bids, dirt to be put in specified place, omitting crane track.
- Complete bids follow:
- General Const. Co., Seattle, (1) \$2,117,500; (2) \$1,911,800; (3) \$2,090,900; (4) \$1,885,400.

Parker-Schram Co., Portland (combined with J. H. Fomeroy & Co., Inc., San Francisco, and R. B. Hammond Co., Portland), (1) \$2,142,000; (2) \$1,992,000; (3) \$2,147,000; (4) \$1,997,000.

The Utah Const. Co., San Francisco, (1) \$2,410,000; (2) \$2,210,000; (3) \$2,400,000; (4) \$2,300,000.

W. E. Callahan Const. Co., Dallas, Texas, (1) \$3,841,541; (2) \$3,661,541; (3) \$3,916,541; (4) \$3,706,541. * 22

CONTRACT AWARDED

BENTON COUNTY, Oregon—Kern and Kibbe, Portland, at \$73,650 was awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 6981-39-85, for clearing, bank sloping, gravel borrow and gravel excavation; and the construction of approximately 2,500 feet of rock riprap revetment, located in the Benton County District Imp. Co. No. 3, on the Willamette River, Benton Co., Oregon. * 22

CONTRACT AWARDED

YAMHILL COUNTY, Ore.—Edliffsen-Wevgand Co., Portland, Oregon at \$65,326.50 awarded contract by the U. S. Engineer Office, Dist. Engineer 628 Pittcock Block, Portland, under Bid No. 628-39-82, for clearing, bank sloping, gravel excavation, and the construction of approx. 2400 feet of rock riprap revetment, located in the Yamhill County District Imp. Co. No. Yamhill County, at Grand Island, Willamette River 69 miles above its mouth, Yamhill Co., Ore.

BIDS OPENED

SEATTLE, Wash.—Puget Sound Bridge and Dredging Co., 2929 16th Ave., Seattle, at \$6,865.50 submitted low bid to the U. S. Engineer Office, 754 Central Bldg., Seattle, for dredging and disposing of about 34,500 c.y. of material from Cap Sante Waterway, Anacortes Harbor, Wash.

Total bids follow:
Puget Sound Bridge & Dredging Co., Seattle, \$0.199 per c.y., total \$6,865.50.

General Const. Co., Seattle, \$0.27 per c.y., total, \$9,315.

Manson Const. & Engr. Co., Seattle, \$0.30 per c.y., total, \$10,350.

Puget Sound Tug & Barge Co., Seattle, \$0.32 per c.y., total, \$11,400. * 22

BIDS OPENED

LANE CO., Oregon.—Jacobsen-Jensen Company, Portland, at \$97,658.00 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-101, for clearing, bank sloping, gravel excavation, gravel borrow and construction of approximately 8,400 feet of stone riprap revetment, located on the Willamette River at two locations in the Lane County District Improvement Company No. 2, 179 and 180 miles above the mouth of the river and on the McKenzie River in the McKenzie River District Improvement Co., No. 1, 4 miles above the mouth of the stream, Lane Co., Oregon.

Total bids follow:
Jacobsen-Jensen Co., Portland, \$97,658.00.

Babler Bros., Portland, \$101,981.00.

Harold Blake, Portland, \$102,390.00.

Joplin and Eldon, Portland, \$108,141.50.

Homer G. Johnson, Portland, \$124,585.00.

Gardiner, Tittle and Dolan, Portland and Tillamook, \$129,160.00.

The United Contracting Co., Portland, \$129,231.00.

Contracting officer's estimate, \$115,440.95. * 22

23— CANALS**BIDS WANTED**

TURLOCK, Stanislaus Co., Calif.—Until October 3, 2 P. M., new bids will be received by the Turlock Irrigation District, R. V. Meikle, Engineer, Turlock, for canal construction, as follows:

SCH. 7: Lateral No. 4½, Drop 6 and 7, and Lateral No. 5½, Drop 19

SCH. 8: Lateral No. 6, Drop 9 to Lander Avenue;

SCH. 9: Lateral No. 7, Drop 11 to Lander Avenue;

SCH. 12: Kofoid Ditch;

SCH. 13: Hudelson Ditch;

SCH. 15: Maze and Wren;

SCH. 17: Emdale Ditch;

SCH. 18: Geo. Olson Ditch.

Engineer's estimate on the above schedules is \$58,843.00. * 23

BIDS WANTED

GILA PROJECT, Ariz.—As previously reported until October 6, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Federal Building, Yuma, Arizona, under Spec. No. 800, for the construction of structures, Gravity Main canal, Station 20 to Station 946 plus 70, Gila Project, located near Yuma, Ariz.

Work involves:
SCHEDULE No. 1
Structures, Gravity Main canal, station 30 to station 335.
(1) 5,700 c.y. excav., common, for struc.;

- (2) 265 c.y. excav., rock, for struc.;
- (3) 64,560 c.y. excav., common, for canals and channels and roughing out excav. for struc.;
- (4) 3,100 c.y. excav., rock, for canals and channels and roughing out excav. for struc.;
- (5) 500 c.y. excav., common, for road;
- (6) 1,500 c.y. excav., rock, for road;
- (7) 17,740 c.y. compacted earth lining;
- (8) 4,440 c.y. uncompacted earth lining;
- (9) 750 c.y. compacted subbase;
- (10) 6,700 c.y. backfill about struc.;
- (11) 2,300 c.y. compacted backfill about struc.;
- (12) 300 cu. yds. placing gravel or rock fill on floor of wash overchute at station 169 plus 00;
- (13) 3,300 c.y. conc. in struc.;
- (14) 585,000 lbs. placing reinf. bars;
- (15) 837 l.f. install rubber water stops;
- (16) 1,060 sq. ft. install elastic joint-filler matl.;
- (17) 1,820 sq. yds. dry-rock paving;
- (18) 3,100 c.y. riprap;
- (19) 195,000 lbs. driving steel sheet piling;
- (20) 1 M ft. bm. constructing timber railings;
- (21) 23,100 lbs. install radial gates;
- (22) 47,400 lbs. install radial-gate hoists and operating and control mechanisms;
- (23) 560 cwt. placing bituminous material in float drums;
- (24) 27,000 lbs. install cast-iron pipe between weir-well inlets and weir wells;
- (25) 3,700 lbs. install pipe handrails;
- (26) 9,600 lbs. install misc. metal-work;

SCHEDULE No. 2

- Structures, Gravity Main canal, station 409 to station 763.
- (27) 5,100 c.y. excav., common, for struc.;
 - (28) 75 c.y. excav., rock, for struc.;
 - (29) 129,850 c.y. excav., common, for canals and channels and roughing out excav. for struc.;
 - (30) 600 c.y. excav., rock, for canals and channels and roughing out excavation for struc.;
 - (31) 15,900 c.y. compacted earth lining;
 - (32) 2,670 c.y. uncompacted earth lining;
 - (33) 130 c.y. compacted subbase;
 - (34) 5,100 c.y. backfill about struc.;
 - (35) 3,400 c.y. compacted backfill about struc.;
 - (36) 212 c.y. conc. in struc.;
 - (37) 285,500 lbs. placing reinf. bars;
 - (38) 416 l.f. install rubber water stops;
 - (39) 660 sq. ft. install elastic joint-filler matl.;
 - (40) 3,150 sq. yds. dry-rock paving;
 - (41) 3,250 c.y. riprap;
 - (42) 36 c.y. constr. reverse filter;
 - (43) 32,500 lbs. driving steel sheet piling;
 - (44) 2.5 M ft. bm. erecting timber in bridge;
 - (45) 1.5 M ft. bm. constr. timber railings;
 - (46) 48 l.f. laying 30-in. diam. concr. pipe;
 - (47) 3,735 lbs. install hand-operated gates and gate hoists;
 - (48) 28,765 lbs. install radial gates;
 - (49) 40,700 lbs. install radial-gate hoists and operating and control mechanisms;
 - (50) 380 cwt. placing bituminous material in float drums;
 - (51) 25,800 lbs. install cast-iron pipe in reverse filter and between weir-well inlets and weir wells;
 - (52) 3,200 lbs. install pipe handrails;
 - (53) 10,000 lbs. install misc. metal-work;
 - (54) Lump sum, constructing engine house, except conc.;
 - (55) 300 l.f. install electrical metal

- conduit;
- (56) 60 tons install electrical conductors and ground wires;
- (57) 1,500 lbs. install electrical apparatus;
- (58) 3,000 c.y. excav., common, for struc.;
- (59) 56,000 c.y. excav., common, for canals and channels and roughing out excav. for struc.;
- (60) 100 c.y. compacted subbase;
- (61) 6,750 c.y. rock fill about siphon barrel;
- (62) 20,000 c.y. backfill over siphon barrel;
- (63) 10,000 c.y. backfill about struc., except about siphon barrel;
- (64) 1,480 c.y. compacted backfill about struc.;
- (65) 2,700 c.y. conc. in siphon barrel;
- (66) 1,355 c.y. conc. in struc., except siphon barrel;
- (67) 846,200 lbs. placing reinf. bars;
- (68) 175 l.f. install rubber water stops;
- (69) 285 sq. ft. install elastic joint-filler matls.;
- (70) 460 sq. yds. drp-rock paving;
- (71) 1,150 c.y. riprap.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$3.50 not returnable.

CONTRACTS AWARDED

TURLOCK, Stanislaus Co., Calif.—M. J. Ruddy, RFD No. 2, Box 784, Modesto, at \$103,817.23 (Schedules 1 and 5); Ed Erickson, Rt. No. 4, Box 1518, Modesto, at \$58,428.88 (Sched. 2, 3, 14 and 19); Lloyd W. Terrell, 221 9th Ave., Turlock, at \$41,738.13 (Sched. 4, 6, 10 and 11), and M. E. Lankard, P. O. Box 51, Denair, at \$5,720.54, were awarded contracts by the Turlock Irrigation District for canal construction.

Schedules 7, 8, 9, 12, 13, 15, 17 and 18 are all rejected and will be re-advertised. 23

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—As previously reported, until September 30, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 801, for the construction of earthwork, canal lining and structures, Contra Costa Canal Station 638 plus 00 to station 1066 plus 00 and earthwork and structures, Los Medanos wasteway, Delta Division, Central Valley Project, Calif. Work is located near Antioch, Calif.

Work Involved:

- SCHEDULE No. 1**
- (1) Earthwork, canal lining, and structures, Contra Costa canal, station 638 plus 00 to station 780 plus 00 and earthwork and structures, Los Medanos wasteway.
 - (2) 375,000 cubic yards excavation for canal and wasteway;
 - (3) 68,000 sta. cubic yards overhaul;
 - (4) 18,000 cubic yards compacting embank;
 - (5) 6,600 cubic yards excavation for struc.;
 - (6) 46,500 square yards trimming foundations for concrete lining;
 - (7) 23,500 cubic yards backfill;
 - (8) 4,800 cubic yards puddling or tamping backfill;
 - (9) 2,700 cubic yards concrete in structures;
 - (10) 3,840 cubic yards concrete in canal lining;
 - (11) 565,000 lbs. placing reinforcing bars;
 - (12) 525 sq. yds. dry-rock paving;
 - (13) 60 M ft. h. m. erecting timber in bridges;
 - (14) 1,625 lin. feet constructing 4-in. diam. underdrains with uncemented joints;

- (14) 100 lin. ft. laying 4-inch diam. sewer pipe with cemented joint.
- (15) 80 lin. feet laying 15-inch diam. concrete pipe;
- (16) 100 lin. feet laying 18-inch diam. concrete pipe;
- (17) 260 lin. feet laying 24-inch diam. concrete pipe;
- (17a) 280 lin. feet 30-inch diameter concrete pipe;
- (18) 5,000 lbs. installing gates and gate hoists;
- (19) 3,800 lbs. installing miscellaneous metalwork;

SCHEDULE No. 2

- Earthwork, canal lining, and structures, Contra Costa canal, station 780 plus 00 to station 1066 plus 00.
- (20) 260,000 cubic yards excavation for canal;
- (21) 80,000 station cubic yards overhaul;
- (22) 44,000 cubic yards compacting embank;
- (23) 6,200 cubic yards excavation for structures;
- (24) 93,200 square yards trimming foundations for concrete lining;
- (25) 12,000 cubic yards backfill;
- (26) 4,300 cubic yards puddling or tamping backfill;
- (27) 1,700 cubic yards concrete in structures;
- (28) 7,710 cubic yards concrete in canal lining;
- (29) 725,000 lbs. placing reinforcing bars;
- (30) 450 sq.yards dry-rock paving;
- (31) 84 M. feet b. m. erecting timber in bridges;
- (32) 80 lin. feet laying 15-inch diam. concrete pipe;
- (33) 440 lin. feet laying 18-inch diam. concrete pipe;
- (34) 420 lin. feet laying 24-inch diam. concrete pipe;
- (34a) 420 lin. feet 30-inch diameter concrete pipe;
- (35) 5,200 lbs. installing gates and gate hoists;
- (36) 4,600 lbs. installing miscellaneous metalwork;

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor, and those furnished by the Government are described in the specifications which will be a part of the contract.

Plans and specifications may be obtained from the above address upon payment of \$3 per copy; no charge to prospective bidders. Proposal guaranty 10%.

Addendum issued changed items 17 and 34 and added items 17a and 34a. 23

BIDS WANTED

TURLOCK, Stanislaus County, Cal.—Until October 3, 2:00 P. M., bids will be received by the Turlock Irrigation District, R. V. Melkie, Engineer, Turlock, for construction of canal lining and canal work.

BIDS OPENED

BOISE PROJECT, Idaho.—Henry L. Horn, Caldwell, Idaho, at \$21,785, submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1114-D, for construction of structures, D-Line canal, laterals 2.1 to 18.7 Payette Division, Boise Project, Idaho.

- Total bids follow:
- Henry L. Horn, Caldwell, Idaho, \$21,565.00.
 - David A. Richardson, Caldwell, \$21,863.00.
 - J. A. Terteling & Sons, Boise, \$22,354.50.
 - Fife and Co., Nyssa, Oregon, \$23,724.50.
 - Geo. B. Henly, Const. Co., Ontario, \$25,095.50.
 - Otis Williams & Co., Vale, \$30,134.50.

24—STREET LIGHTING

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal. Scott-Butner Electric Co., 2214 Webster St., Oakland, at \$15,627 submitted low bid to the Constructing Quartermaster, Sacramento Air Depot, Sacramento, for the construction and completion of night lighting and installation at the Sacramento Air Depot.

Total bids follow:

Scott-Butner Electric Co., 2214 Webster St., Oakland, \$15,627.00.
Underground Const. Co., Oakland, \$17,848.00.
Luppen and Hawley Inc., Sacramento, \$20,723.23. * 24

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SACRAMENTO, Cal.—Following bids submitted to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-74, for rental of one dragline excavator with operating personnel on levee and misc. work at various places along the easterly bank of the Sacramento River in the vicinity of Colusa, Calif.

Bids taken on:

- (1) Rate per hour for time dragline buckets is working;
- (2) Rate per hour for time dragline is held idle on the work;
- (3) Rate per hour moving dragline from one job to another;
- (4) Cost of delivering dragline into vicinity of Colusa and removal of.

Bids were:

Archie L. Till, (1) \$6.25, (2) \$4, (3) \$5, (4) \$18.
J. R. Reeves, Sacramento, (1) \$6, (2) \$4.40, (3) \$5, (4) \$100.
Claude C. Wood, Lodi, (1) \$7, (2) \$6, (3) \$6, (4) no charge.
Hemstreet and Bell, Marysville, (1) \$7, (2) \$4, (3) \$5, (4) \$100.
W. R. Lake, (1) \$6, (2) \$4.85, (3) \$6, (4) \$300.
C. G. Wills & Son, L. A., (1) \$6.85, (2) \$6, (3) \$6.85, (4) \$500.
T. M. Morgan Paving Co., (1) \$5.70, (2) \$3.80, (3) \$5.70, (4) \$350.
Williams Bros & Hoff, (1) \$6.39, (2) \$3, (3) \$6.39, (4) \$200.
B. W. Kuhn, (1) \$6.40, (2) \$3.50, (3) \$4.50, (4) \$450.
James Boyles, San Bernardino, (1) \$7.50, (2) \$5, (3) \$5, (4) \$500.
Bundesen and Lauritzen, Pittsburg, (1) \$6.50, (2) \$3.25, (3) \$6.50, (4) \$200.
American Concrete & Steel Co., (1) \$10.50, (2) \$7.00, (3) \$10.50, (4) \$786.50. * 25

BIDS WANTED

BONNEVILLE, Ore.—Until October 14, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-24, for furnishing and delivering 15 kv. feeder circuit-breakers, and metal-enclosed buses for the Bonneville project, Bonneville, Oregon.

Plans and specifications available from above office. * 25

BIDS OPENED

BONNEVILLE, Ore.—The following submitted bids to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-13, for furnishing and delivering two 74,000-hp. turbines with accessories, government equipment and embedded parts for the Bonneville Project; fob shipping point.

Bids taken on:

- (1) two 74,000-h.p. hydraulic turbines control gates and stems, levers, etc.;
- (2) governing equipment;
- (3) embedded turbine parts;
- (4) turbines, governing equipment & embedded parts.

Bids were:

Baldwin-Southwork Corp., Eddy-ston, Pa., (1) \$1,324,380; (2) \$90,679; (3) \$316,100; (4) \$1,714,359.
Allis-Chalmers Mfg. Co., Milwaukee, (1) \$1,433,790; (2) \$92,000; (3) \$277,400; (4) \$1,751,990.
S. Morgan Smith Co., York, Pa., (1) \$1,253,798; (2) \$87,876; (3) \$261,478; (4) \$1,584,144. * 25

BIDS OPENED

SAN DIEGO, Calif.—V. R. Dennis Construction Co., 3911 5th St., San Diego, at \$8 per hour, \$335 moving in and out, submitted the low bid and recommended for award by the State Highway Department, San Diego, for the rental of a 2- to 2½-cu. yd. power dragline for use at Deep Creek, 5½ miles W. of Indio, for 10 shifts of from 7 to 8 hours each. The other bids were:

D. H. Ryan, \$12.50 hour; moving, \$1400.
Triangle Rock & Gravel Co., \$15 hour; moving, \$800. * 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center Street, Stockton, for rental of equipment, as follows:

- (1) One to four truck shovels, 4/10 c.y. capacity;
- (2) One or more 4-c.y. water level dump trucks;
- (3) One or more 3-c.y. do;
- (4) One or more 2-c.y. do;
- (5) One or more ½-ton expresses.

Equipment to be used throughout District X. Bids were:

Portola Truck Service: (1) \$7.00, moving \$2.50; (2) (a) \$2.90 (b) \$2.40 (c) \$2.65; (3) (a) \$2.50 (b) \$2.10 (c) \$2.30; (4) (a) \$1.75 (b) \$1.55 (c) \$1.65; (5) \$1.24½.
C. E. Huls, Merced: (1) \$3.90, moving \$2.50; (2) (a) \$2.90 (b) \$2.40 (c) \$2.65; (3) (a) \$2.50 (b) \$2.10 (c) \$2.30 (4) (a) \$1.75 (b) \$1.55 (c) \$1.65; (5) \$1.25. * 25

BIDS OPENED

ALPINE CO., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for rental of equipment, as follows:

- (1) One or more truck shovels 410 c.y. capacity;
- (2) One or more 4 c.y. water level dump trucks;
- (3) One or more 3 c.y. water level dump trucks;
- (4) One or more 2 c.y. water level dump trucks;
- (5) One or more ½-ton expresses.

Above equipment for use in Alpine County.

Bids were:

Portola Truck Service, San Francisco, (1) \$7.00, moving \$2.50, (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30, (4) (a) \$1.75, (b) \$1.55, (c) \$1.65, (5) \$1.24½.
C. E. Huls, Merced, (1) \$3.90, moving \$2.50; (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.55, (c) \$1.65; (5) \$1.25. * 25

BID OPENED

SAN FRANCISCO.—A American Dredging Co., 255 California Street, San Francisco, at \$6.66½ per day \$200 for 30 days submitted only bid

to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. No. 868-39-97, for rental of 200 feet of 14-inch hydraulic shoreline pipe for use in connection with dredging in Petaluma Creek. * 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until October 6, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1126-D, for furnishing and delivering a 10-foot, 16-foot extension, motor-driven, vertical boring mill for installation in the Boulder Power Plant, Boulder Canyon project, Arizona-California-Nevada. F.O.B. shipping point and/or Boulder City, Nevada. Boring mill will be installed by the Government.

Plans and specifications available at the above office. No charge to prospective bidders; to others \$0.25 not returnable. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of truck and trailer equipment for transporting heavy machinery in Ventura County were opened by the State Highway Dept., Los Angeles. Bids were taken as follows:

- (1) hauling with stand truck and/or trailer:
 - (a) 3-ton maximum net load;
 - (b) over 3 tons to and inc. 6-ton net load;
 - (c) over 6 tons to and inc. 10-ton net load;
 - (d) over 10 tons to and inc. 19-ton net load;
- (2) hauling where low-bed trailer required:
 - (a) 14 tons maximum net load;
 - (b) over 14 tons to and inc. 24-ton net load;
 - (c) over 24 tons to and inc. 40-ton net load.
- (d) over 40 tons net load.

Note: "Stand-by" time is defined as loading or unloading time in excess of one hour at each end of move.

The bids (first figure for working time, second for stand-by time) were

Lang Trans. Co.: (1a) \$3, \$150; (1b) \$3.50 and 1.75; (1c) \$4 and \$2; (1d) \$5 and \$2.50; (2a) \$6.50 and \$3.25; (2b) \$7.50 and \$3.50; (2c) \$7 and \$3.50; (2d) \$7.50 and \$3.75.

Ventura Transfer Co. and H. & J. Truck Co.: (1a) \$3 and \$1.50; (1b) \$3.50 and \$1.75; (1c) \$4 and \$2; (1d) \$5 and \$2.50; (2a) \$6 and \$3; (2b) \$6.50 and \$3.25; (2c) \$7 and \$3.50; (2d) \$7.50 and \$3.75. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one 1-sack batch concrete mixer, gasoline power driven, opened by the State Highway Dept., Los Angeles, were:

Garlinghouse Bros.: Ransome model 7-S, \$74 per month.

Smith Booth Usher Co.: Jaeger 7-S \$75 per month.

Brown-Bevis Equip. Co.: Rex model 7-S, 1938; \$95 per month.

CONTRACT AWARDED

COLORADO RIVER PROJ., Tex.—Hansell-Eilcock Co., Chicago, at \$23,680 awarded contract by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. No. 110-D, for furnishing and delivering bulk-head gates for installation at the inlet ends of the diversion conduits at the Marshall Ford Dam, Colorado River Project, Texas. * 25

29—STREETS AND HIGHWAYS

CONTRACTS AWARDED

TUCSON, Ariz.—Contracts for st. improvements have been awarded by the Tucson city council as follows:

White & Miller, Tucson, at \$137,823.14, for improving streets in the Tucson Blvd.-Third St. dist.

Tanner Construction Co., Phoenix, Ariz., at \$104,316.91, for improving streets in the 12th Ave.-4th St. dist. 29

BIDS OPENED

WHATCOM CO., Wash.—C. V. Wilder, Bellingham, at \$7,291.40 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving a four-span treated timber pile trestle of variable width at Station 556, approximately 0.092 miles; and surfacing 0.2134 miles on trestle and approaches, and resloping Mt. Baker Highway Project 6-A9, National Forest Road Project, Whatcom Co. State of Wash.

Hallstrom and Hallstrom, Seattle, at \$10,802.50 submitted only other bid. 29

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Calif.—Vido Kovacevich, 5400 Imperial Highway, South Gate, at \$34,155.60, awarded contract by the Long Beach city manager for improving Hathaway Ave., from Los Alamitos Circle to Manila Ave. 29

CONTRACT AWARDED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Calif.—S. A. Cummings, 4170 Falcon St., San Diego, at \$5,270 awarded the contract by State Division of Highways, Sacramento, for about 820 miles of traffic stripe to be applied to existing pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties. 29

BIDS OPENED

SAN FRANCISCO—Love & Haun, 4354 20th St., San Francisco, at \$396 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19183, for constructing an armored concrete curb on Monterey Blvd. between Yerba Buena Blvd. and St. Elmo Way, involving about 450 lf. of armored concrete curb.

Total bids follow:
Love & Haun, \$0.88 per lf., total \$396.00.

E. J. Treacy, \$1.20 per lf., total \$540.

Lowrie Paving Co., \$1.40 per lf., total, \$630. 29

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at (1) \$1.52, and (2) \$40, total, \$800, submitted low bid to the Department of Public Works, Room 251, City Hall, for repairs and maintenance of Slide No. 1, Contract No. 2, on Joost Ave. between Acacia and Baden Sts., San Francisco.

Work involves:
(1) 5 each CMP manholes;
(2) Lump sum, extend fender and repair curb. 29

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Cal.—L. C. Smith, 235 Third Street, San Mateo, at \$9,073.09 submitted low bid and was awarded contract by the Redwood City Council, B. E.

Myers, City Clerk, City Hall, for grading and constructing combined cement concrete curbs and gutters and a 4-inch stabilized slurry base pavement with a 1-inch asphaltic armor coat wearing surface on Quartez St. and Avenue Del Ora, Redwood City.

Work involves:
(1) 3719 c.y. grading and cutting;
(2) 641 c.y. grading and filling;
(3) 3712 lf. comb. curb and gutter;
(4) 32,942 sq. ft. 4-in. stab. slurry base pavement.

Total bids follow:
L. C. Smith, San Mateo (1) \$0.25;
(2) \$0.085; (3) \$0.76; (4) \$0.0995; total, \$9,073.09.

Piazza & Huntley, San Jose, (1) \$0.20; (2) \$0.12; (3) \$0.75; (4) \$0.105; total \$9,163.63.

W. O. Tyson, Redwood City, (1) \$0.30; (2) \$0.20; (3) \$0.85; (4) \$0.12; total \$10,752.14. 29

BIDS WANTED

SONOMA COUNTY, Calif.—Until October 13, 2:00 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile of grading, applying road-mix surface treatment and installing culverts between Boiler Gulch and Miller creek, Sonoma County.

Work involves:
(1) 760 M. gals. water;
(2) 50,000 c.y. rdwy. excav., unclass.
(3) 2200 c.y. struc. excav.;
(4) 44 sta. finish roadway;
(5) 32 c.y. light riprap;
(6) 56 tons liquid asphalt, SC-3;
(7) 9,700 sq. yds. prepare, mix and shape roadbed;
(8) 185 MFEM Redwood timber, dense select all heart structural grade;

(9) 246 lf. 90-in. multi plate CMP 53-11;

(10) 1 lot remove and dispose of existing timber bridges.
Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

SAN BENITO CO., Calif.—Piazza and Huntley, 195 N. Sixth St., San Jose, at \$17,640 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of a slope protection about 0.8 mile in length, between Palaines and Tres Pinos, San Benito County. 29

BIDS WANTED

STATE OF OREGON—Until Sept. 29, 9 A. M. bids will be received by the Oregon State Highway Commission, Auditorium, 3rd floor, Public Service Building, Portland, for construction as follows:

Clackamas County: Molalla Section of Woodburn-Mt. Hood Secondary Highway; 0.34 mile of paving, resurfacing approx. 1,300 c.y. excavation and 5,400 sq. yds. Portland cement concrete pavement.

Deschutes County: Roadside oasis at Brothers on Central Oregon Highway; Federal Aid Project No. 147-H (2). Requires planting of 500 trees and shrubs, construction of 98 rods of woven wire fencing, installing of a pipe line irrigating system, and construction of 210 cubic yards of gravel surfacing.

Deschutes and Harney Counties: Sutex Junction and Brothers buildings on Central Oregon Highway. Requires construction of four frame buildings 26x34-ft.; two maintenance buildings 32x76-ft.; 1,920 lf. woven wire fence and 2,200 c.y. gravel surfacing. Requires also drilling of one well and installation of two pressure water systems and two electric lighting systems.

Deschutes and Lake Counties: Brothers-Harney County Line Section of Central Oregon Highway; Federal Aid Projects Nos. 147-H (1), 148-B (2), and 148-C (2); 28.1 miles grading and 40.9 miles surfacing and oiling. Requires approx. 300,000 c.y. excavation; 125,000 c.y. pit run gravel, and 480,000 sq. yds. asphalt prime coat.

Klamath County: Crooked Creek-Robert Section of The Dalles-California Highway; Federal Aid Proj. No. 83-A (5); 8.73 miles grading, 9.35 miles roadbed topping and 1.78 mi. surfacing and oiling. Requires approximately 360,000 c.y. excavation; 38,000 c.y. gravel and talus rock roadbed topping; 15,500 c.y. crushed rock, and 23,000 sq. yds. oil mat surface treatment.

Linn County: Albany Section of Pacific Highway East; Federal Aid Grade Crossing Project No. PADM 56-D (1). Construction of 1,300 lf. of canal, and 3,015 lf. of railroad roadbed. Requires approximately 2,700 c.y. excavation; 50 c.y. cement rubble masonry; 120 sq. yds. concrete sidewalks; 720 c.y. rock or gravel surfacing materials; 7 M-FB M untreated lumber; and 22 M-FBM treated lumber.

Linn County: Brownsville Section of Halsey-Sweet Home Secondary Highway; 1.14 miles of grading, surfacing and oiling; also furnishing of 600 c.y. crushed rock or crushed gravel in stock pile. Requires approximately 21,000 c.y. excavation; 750 lf. concrete curb; 200 sq. yds. concrete sidewalks; 9,200 c.y. rock or gravel materials; and 17,000 sq. yds. oil mat surface treatment.

Umatilla County: Milton Nursery Bridge over Walla Walla River on County Road No. 360. Requires approximately 650 c.y. excavation; 310 c.y. concrete; 37,000 lbs. metal reinforcement; 126,000 lbs. structural steel; 460 lf. concrete handrail and removal of old bridge. The bids for this project will be received for and in behalf of, and will be considered by, the County Court of Umatilla County.

Plans and specifications may be obtained from R. H. Baldock, State Highway Engineer, upon deposit of \$5.00. 29

COMPLETE BIDS

PHOENIX, Maricopa Co., Arizona.—Arizona Sand & Rock Co., Phoenix, at \$32,692.43 submitted low bid to the Phoenix City Council, James Grand, Supt. of Streets, City Hall, for the improvement of streets in the city of Phoenix. Docket Ariz.-1080-F.

Total bids follow:
Arizona Sand & Rock Co., Phoenix \$32,692.43
W. E. Hall Const. Co. 52,942.65
Daley Corp., San Diego 33,185.40
Phoenix-Temp. Stone Co. 33,424.90
Estimated cost 93,765.40 29

LOW BIDDER

GRAHAM CO., Ariz.—Tanner Construction Company, 801 Security Bldg., Phoenix, at \$128,437 submitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of Solomonville-Duncan Highway, FA77-C (1) (1939) AFW. The work, which begins about 18 1/2 miles east of Solomonville and extends easterly about 4 1/2 miles to the Graham-Greene County line, consists of grading and draining the roadway, and is to be completed on or before August 15, 1939.

Complete bids will be published shortly. 29

BIDS OPENED

SACRAMENTO COUNTY, Calif.—McGillivray Const. Co., P. O. Box 873, Sacramento, at \$24,386.05 (Proposal 1) and \$38,244.24 (Proposal 3) and A. Teichert & Son, Inc., P. O. Box 1113, Sacramento (Proposal 2), at \$14,287.84 submitted low bids to the Sacramento County Board of Supervisors' Court House, Sacramento, for improvement to Fair Oaks Blvd., Sacramento County.

- Work Involves:
(1) 6160 tons asphaltic concrete;
(2) 31,962 l.f. header boards;
(3) 1,065 tons crusher run base;
(4) 1700 c.y. imported borrow;
(5) 28 tons liquid asphalt;
(6) 87.27 M. gals. water;

PROPOSAL 1

- (1) 6160 tons asphaltic concrete;
(2) 31,962 l.f. header boards;
(3) 1,065 tons crusher run base;
(4) 1700 c.y. imported borrow;
(5) 28 tons liquid asphalt;
(6) 87.27 M. gals. water.

PROPOSAL 2

- (7) 3,121 tons asphalt concrete;
(8) 13,660 l.f. header boards;
(9) 1,060 tons crusher run base;
(10) 1500 c.y. imported borrow;
(11) 17 tons liquid asphalt;
(12) 52.73 M. gals. water.

PROPOSAL 3

- (13) 9,281 tons asphalt concrete;
(14) 14,646 l.f. header boards;
(15) 2,125 tons crusher run base;
(16) 3200 c.y. imported borrow;
(17) 45 tons liquid asphalt;
(18) 140,000 gals. water.

Total bids follow:
(A) McGillivray Const. Co., P. O. Box 873, Sacramento (Pro. 1) \$24,386.05; (Pro. 2) \$14,464.69; (Pro. 3) \$38,244.24.
(B) A. Teichert & Son, Inc., P. O. Box 1113, Sacramento (1) \$24,523.59; (2) \$14,287.84; (3) \$38,784.06.
(C) Union Paving Co., San Francisco, (1) \$32,629.73; (2) \$19,460.36; (3) \$44,567.32.
(D) Independent Const. Co., Ltd., Oakland, (3) \$42,455.
(E) Piazza & Huntley, San Jose, (3) \$44,856.95.
(F) J. R. Reeves, Sacramento, (3) \$16,000.49.

Totals of unit prices follow:

Table with 3 columns (A), (B), (C) and 6 rows of unit prices for asphaltic concrete, header boards, crusher run base, imported borrow, liquid asphalt, and gals. water.

PROPOSAL 2

Table with 3 columns (A), (B), (C) and 6 rows of unit prices for asphalt concrete, header boards, crusher run base, imported borrow, liquid asphalt, and gals. water.

PROPOSAL 3

Table with 3 columns (A), (B), (C) and 6 rows of unit prices for asphalt concrete, header boards, crusher run base, imported borrow, liquid asphalt, and gals. water.

PROPOSAL 1

Table with 3 columns (A), (B), (C) and 6 rows of unit prices for asphaltic concrete, header boards, crusher run base, imported borrow, liquid asphalt, and gals. water.

PROPOSAL 2

Table with 3 columns (A), (B), (C) and 6 rows of unit prices for asphalt concrete, header boards, crusher run base, imported borrow, liquid asphalt, and gals. water.

PROPOSAL 3

Table with 3 columns (A), (B), (C) and 6 rows of unit prices for asphalt concrete, header boards, crusher run base, imported borrow, liquid asphalt, and gals. water.

COMPLETE BIDS

PHOENIX, Maricopa Co., Arizona.—Daley Corp., 4430 Boundary St., San Diego, at \$33,215.05 submitted low bid to the Phoenix City Council, James Girand, Supt. of Streets, City Hall, for the improvement of streets in Phoenix. Docket Arizona 1081-F.

Total bids follow:
Daley Corp., 4430 Boundary Street, San Diego.....\$33,215.05
Phoenix-Tempe Stone Co.....34,193.50
W. E. Hall Const. Co.....34,341.73
Arizona Sand & Rock Co.....34,356.22
Estimated cost.....34,574.20
29

CONTRACT AWARDED

CONTRA COSTA CO., Calif.—Macon Const. Co., 815 Paramount Blvd., Clearwater, at \$40,829.80 awarded the contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of two undergrade crossings under the tracks of the Sacramento Northern Railway and under a county road at Ohmer Station and about 0.15 mile of roadway to be paved with Portland cement concrete, Contra Costa County.

BIDS WANTED

GLENN CO., Calif.—Until Oct. 3, 10:30 A. M. bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 "B" Street, Marysville, for construction of a reinforced concrete box culvert and replacing existing gavelment with untreated crushed gravel or stone base and plant mixed surfacing about 3.5 miles north of Willows, Glenn County, Calif.

- Work involves:
(1) 11 M. gals. water;
(2) 750 c.y. imported borrow;
(3) 400 c.y. structure excavation;
(4) 875 c.y. ditch and channel excav.;
(5) 27 c.y. removing concrete;
(6) 21 tons untreated crushed gravel or stone base;
(7) 10 tons plant-mixed surfacing;
(8) 98 c.y. Class "F" Portland cement concrete (structures);
(9) 12,000 lbs. bar reinforcing steel;
(10) 40 l.f. corr. metal pipe to be placed and removed and salvaged;

- (11) one each 18-inch automatic drainage gate;
(12) 68 l.f. guard railing to be removed and reset;
(13) 55 l.f. timber guard railing.
State will furnish CMP and band couplers.
Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

SISKIYOU CO., Cal.—Garcia Construction Co., P. O. Box 65, Irvington, at \$14,356.25 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for placing road-mix surfacing and applying penetration oil treatment and seal coat to about 5.6 miles between Callahan and Fort Jones, Siskiyou County. * 29

CONTRACT AWARDED

NEVADA AND PLACER COUNTIES, Cal.—Lee J. Immel, 1931 Evelyn Street, Berkeley, at \$47,291 was awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for seven separate portions of construction totaling about 0.9 mile in length, consisting of 0.3 mile grading and applying road-mix surface treatment and construction of channel changes and riprap between Indian Springs and one mile east of Rainbow Tavern, Nevada and Placer Counties.

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Los Angeles on October 6.

Following is a list of blue prints and prices:
VI-Ker-Feeder, bet. Weed Patch and Wheeler Bridge; PLANS (No. of sheets) 22; (Cost) \$3.30; CROSS-SECTIONS (No. of sheets) 101; (Cost) \$10.10; (Total) \$13.40.
VII-L.A.-4-I, bet. Frenchman's Flat and Liebre Gulch; PLANS (No. of Sheets) 10; (Cost) \$1; CROSS-SECTIONS (No. Sheets) 37; (Cost) \$3.70; (Total) \$4.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the order to this office.

Requests for above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. * 29

BIDS WANTED

SAN FRANCISCO.—Until Sept. 28, 2:30 P. M. bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19184, improvement of the easterly one-half of 37th Avenue between Kirkham and Lawton Street. Est. cost, \$5,550.

- Work involves:
(1) 40 l.f. 6-inch VCP sidersewers, in place;
(2) 648 l.f. unarmored concrete curb;
(3) 330 sq. ft. two-course concrete sidewalk;
(4) 14,450 sq. ft. asphaltic concrete curb sub-base pavement, consisting of a 6-inch rock sub-base, a 4-inch asphaltic concrete base and a 2-inch asphaltic concrete wearing surface;
(5) 2 brick catchbasins, complete;
(6) 80 l.f. 10-inch VCP culvert;
(7) lump sum, street lighting system, complete.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10.00. * 29

CONTRACT AWARDED

COCONINO CO., Ariz.—Fisher Contracting Company, 516 7th Street, Phoenix, at \$49,990.95 awarded contract by the U. S. Bureau of Public Roads, Phoenix, Arizona, for grading, draining and placing surfacing (base) with bituminous treatment on 6.137 miles of portions of Sections C and D of Route 28, Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino Co., Ariz. * 29

COMPLETE BIDS

ELKO CO., Nev.—Tony Marrazzo, Boise, Idaho, at \$49,416.15 submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 1.818 ml. grading and constructing a bridge on Section E of Route 18, Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev.

- Work involves:
(1) 11 acres clearing;
(2) 11 acres grubbing;
(3) 42,600 c.y. unclass. excav.;
(4) 320 c.y. unclass. excav. for structures;
(5) 6400 c.y. unclass. excav. for borrow;
(6) 84,000 sta. yds. overhaul;
(7) 4200 c.y. ml. borrow haul;
(8) 30 c.y. foundation fill;
(9) 1,803 miles finishing earth graded road;

- (10) 37 c.y. Class A concrete;
- (11) 127 c.y. Class D concrete;
- (12) 38,500 lbs. reinforcing steel;
- (13) 1 M. fm. untreated timber including bridge iron;
- (14) 376 lf. 18-inch corr. galv. sheet metal pipe;
- (15) 448 lf. 24-inch do.
- (16) 44 lf. 30-inch do.
- (17) 50 lf. 60-inch galv. sheet metal pipe, 8 gauge;
- (18) 85 c.y. hand laid riprap;
- (19) 8 each right of way monuments, Type A;
- (20) 1 each cattle guard;
- (21) 98 lf. remove and relay or stockpile existing corr. metal pipe;
- (22) Force account—remove timber culvert;
- (23) Force account—adjustment of water lines.

- Total bids follow:
- (A) Tony Marrazzo, Boise, Idaho, \$49,416.15.
 - (B) Utah Construction Co., San Francisco, \$52,795.75.
 - (C) W. W. Clyde & Co., Springfield, \$55,056.45.
 - (D) Bennett and Taylor, Los Angeles, \$55,928.90.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	25.00	15.00	40.00	50.00
(2)	25.00	10.00	20.00	30.00
(3)	.65	.76	.80	.83
(4)	2.00	2.25	2.00	2.00
(5)	.25	.25	.35	.30
(6)	.02	.02	.03	.02
(7)	.15	.20	.25	.30
(8)	2.00	1.00	2.00	1.00
(9)	250.00	250.00	150.00	300.00
(10)	37.00	35.00	30.00	35.00
(11)	37.00	35.00	32.00	30.00
(12)	.10	.08	.08	.08
(13)	200.00	200.00	100.00	100.00
(14)	2.20	2.25	2.00	2.10
(15)	3.40	3.25	3.00	3.30
(16)	4.50	4.25	4.00	4.50
(17)	12.00	16.50	16.00	15.00
(18)	3.00	10.00	6.00	10.00
(19)	3.50	5.00	4.00	5.00
(20)	200.00	1025.00	1000.00	600.00
(21)	1.00	1.00	1.00	1.50
(22)	250.00	250.00	250.00	250.00
(23)	100.00	100.00	100.00	100.00

30—RESERVOIRS & DAMS

CONTRACTS AWARDED
 MONTECITO, Calif.—J. E. Burrell & Sons, 518 W. 17th St., Long Beach, at (1) \$17,818; (2) \$18,577 and (3) \$16,620, were awarded the contract by the Montecito County Water Dist., Montecito, for constructing service reservoirs as follows: Unit 1, Hot Springs reservoir, Unit 2, Buena Vista reservoir, Unit 3, Harnish reservoir.

R. R. Bishop, 5017 E. Broadway, Long Beach, at \$17,800, was awarded the contract for constructing Unit No. 4, the Baring reservoir. 30

BIDS WANTED
 DUNSMUIR, Siskiyou Co., Calif.—Until Sept. 26, 8:00 P. M. bids will be received by the Dunsmuir City Council, E. C. Hawkins, City Clerk, City Hall, Dunsmuir, for the construction of a masonry wall along the line of Gillis Street on the east bank of the Sacramento River. Wall to be approximately one hundred ft. long, 3 feet wide at the base and 9 feet in height.

Plans and specifications may be obtained from the above office. 30

BIDS OPENED
 LITTLE ROCK, Ark.—Morrison-Knudsen Co., Title Guarantee Bldg., A. A. and Wilbur C. Cole, San Diego, at \$1,544,375, submitted the low

bid to the U. S. Engineer, Little Rock, Ark., for embank and excav. for the Fort Supply Dam on Wolf Creek, Woodward County, Okla. The totals of the other bids were:
 Hooper Construction Co., Jacksonville, Fla., \$1,634,310.
 Brown & Root, Inc., Dallas, Tex., \$1,641,930.
 M. E. Gillizo, Inc., Monette, Mo., \$1,643,350.
 Sternberg Dredging Co., St. Louis, Mo., \$1,718,682.
 T. L. James & Co., Inc., Ruston, La., \$1,730,000.
 Mitty Bros. Construction Co., L. A., \$1,725,710.
 Padgett Construction Co., Memphis, Tenn., \$1,548,000.
 United Construction Co., Winona, Minn., \$1,923,996.
 Forcum James Co., Dyersburg, Tenn., \$1,925,825.
 Guthrie-Marsch-Peterson Co., \$1,947,425.
 C. J. List Construction Co., Kansas City, Mo., \$1,961,199.
 W. E. Callahan Construction Co., L. A., \$2,162,610.
 McCarthy Improvement Co., Dav-enport, Ia., \$2,438,865. 30

BONDS VOTED
 ST. HELENA, Napa Co., Calif.—The City of St. Helena voted bonds Sept. 20 in the amount of \$25,000 to finance raising the city water reservoir eight feet and installing pipe. 30

31—PIPE LINES & WELLS

BIDS WANTED
 J-A MESA, San Diego Co., Calif.—Until Oct. 3, 7:00 P. M. bids will be received by the La Mesa, Lemon Grove, and Spring Valley Irrigation District, 4769 Spring St., La Mesa, for the construction of distribution pipeline replacement project, Unit No. 4, PWA Docket 1469-4-DS, located within the boundaries of the district, in accordance with plans and specifications prepared by C. Harritt, General Manager and Chief Engineer, copies of which may be obtained upon deposit of \$25, returnable. Certified or cashier's check or bid bond, 10%, must accompany each bid. The items are:

- PROPOSAL "A"
 DISTRIBUTION PIPELINE REPLACEMENT PROJECT
 UNIT No. 4
- This proposal form is to be used for submitting bids for the complete construction of Unit No. 4, including the furnishing of all material.
- (1) 1997 c.y. unclass. excav. for installation of cast iron pipe and fittings;
 - (2) 1929 c.y. backfill for installation of cast iron pipe and fittings;
 - (3) 523 sq. ft. oil road surfacing to be removed and replaced, for installation of cast iron pipe and fittings;
 - (4) 44 sq. ft. cement or asphalt concrete pavement to be removed and replaced, for installation of cast iron pipe and fittings;
 - (5) 346 lf. 8-in. class 150 cast iron pipe, complete in place;
 - (6) 3313 lf. 6-in. class 150 cast iron pipe, complete in place;
 - (7) 364 lf. 4-in. class 250 cast iron pipe, complete in place;
 - (8) 5137 lf. 4-in. class 150 cast iron pipe, complete in place;
 - (9) 12,159 lbs. cast iron tees, angles, hydrant spacers and ells, reducers and other fittings, complete in place;
 - (10) one 8-in. hub end gate valve, complete in place;
 - (11) 3 6-in. hub end gate valves, complete in place;

- (12) 20 4-in. hub end gate valves, complete in place;
- (13) 72 lf. 6-in. class 150 cast iron pipe, complete in place in gate wells;
- (14) 9 4-in. two-way cast iron fire hydrants, complete in place;
- (15) 101 c.y. unclass. excav. for installation of service pipe and connections;
- (16) 101 c.y. backfill for installation of service pipe and connections;
- (17) 2.25 c.y. Portland cement concrete, complete in place;
- (18) 15 3/4-in. bronze service connection assembly, comp. in place;
- (19) 325 lf. 3/4-in. copper pipe in service connections, complete in place;
- (20) 12 1-in. bronze service connection assemblies, complete in place;
- (21) 241 lf. 1-in. copper pipe in service connections, complete in place;
- (22) 4 2-in. bronze service connection assemblies, comp. in place;
- (23) 28 lf. 2-in. copper pipe in service connections, complete in place. 31

BIDS OPENED
 TOMBSTONE, Ariz.—Williams & Van Valkenburg, 2603 W. 7th St., L. A. at \$22,207.35 (base), \$20,502.40 (alt.), submitted the low bid to the City of Tombstone, Ariz., for construction of a natural gas pipe line to serve the City of Tombstone by connecting with the main line of the El Paso Natural Gas Co. This is a PWA project, of which \$11,000 is a grant and \$15,000 a loan. The engineers are Headman, Ferguson and Carole, Homebuilders' Bldg., Phoenix.

The other bids were:
 Borderland Pblg. Co., El Paso—Base, \$25,845.37; alt. \$24,685.01.
 Vinson & Pringle, Phoenix—Base, \$27,000.51; alt. \$24,234.56.
 Levis Bros., Phoenix—Base, \$34,530.80; alt. \$32,424.10. 31

BIDS WANTED
 SAN FRANCISCO.—Until Sept. 28, 3 P. M. bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 190, for laying 8-inch cast iron mains in Innes Avenue and Coleman St.

Work involves:

- (1) 1,500 lf. excavation and backfill for 8-in. pipe, trench 17-in. wide by 36-in. deep;
- (2) 5 c.y. additional excavation and backfill;
- (3) no item 3;
- (4) 1,500 lf. 8-in. bell and spigot cast iron pipe installed;
- (5) 2,000 lbs. fittings, gate valves, etc., installed;
- (6) 260 lf. bell and spigot joints for pipe and fittings;
- (7) 2,400 sq. ft. oiled macadam street pavement with 4-in. base;
- (8) no item 8;
- (9) no item 9;
- (10) Furnishing cast iron bell and spigot pipe, Class 150; 1,500 lf. 8-in. pipe at \$1.00 per lf.;
- (11) Furnishing bell and gate valves; four 8-in. valves at \$20.50 each;
- (12) Furnishing bell and spigot cast iron fittings; 1,000 lbs. at \$0.06 per lb.;
- (13) Furnishing steel band and bolts; 100 lbs. at \$0.05 per lb.;
- (14) no item 14;
- (15) no item 15;
- (16) Lump sum, engineering and supervision, \$80.00;
- (17) Lump sum, connections, \$60.00.

Plans and specifications may be obtained at the cashier's office, 6th floor, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of \$5. 31

BIDS WANTED

PHOENIX, Maricopa Co., Ariz.—Until Sept. 28, 2 P. M., bids will be received by the Maricopa County Municipal Water Conservation District No. 1, Phoenix, Ariz., for the drilling, casing, perforating and sand bailing of 20 irrigation wells, 20-in. in diam., located approx. 25 mi. northwesterly of Phoenix, Ariz., in accordance with spec., together with bid forms, which may be obtained at the district office, 927 Title & Trust Bldg., Phoenix, upon deposit of \$2.50, returnable. Certified or cashier's check for 10% must accompany each proposal. Raymond Aller, secretary. * 31

BIDS WANTED

SAN FRANCISCO.—Until Sept. 28, 3:00 P. M. bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 187, for laying of 6, 8 and 12-inch cast iron mains in 37th, 38th, 39th Avenues, Lawton and Quintara Sts., San Francisco.

- Work involves:
- (1) Excavation and backfill;
 - (a) 3,240 lf. for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
 - (b) 940 lf. for 12-inch cast iron pipe, trench 24-inch wide by 44-inch deep;
 - (2) 30 c.v. additional excavation and backfill;
 - (3) No item 3;
 - (4) Installing pipe:
 - (a) 1480 lf. 6-inch bolted joint cast iron pipe;
 - (b) 1760 lf. 8-inch bell and spigot cast iron pipe;
 - (c) 940 lf. 12-inch bell and spigot cast iron pipe;
 - (5) 6,000 lbs. fittings, gate valves, etc., installed;
 - (6) 484 lf. bell and spigot joints for pipe and fittings;
 - (6a) 250 bolted joints for 6-inch cast iron pipe;
 - (7) 1050 sq. ft. street pavement;
 - (8) 136 3/4-inch screw taps installed;
 - (9) 2500 lf. 3/4-inch galv. iron service pipe installed;
 - (10) furnishing cast iron pipe—Class 150:
 - (a) 1480 lf. 6-inch bolted cast iron pipe at \$0.74 per lf.;
 - (b) 1760 lf. 8-inch bell and spigot cast iron pipe at \$1.00 per lf.;
 - (c) 940 lf. 12-inch bell and spigot cast iron pipe at \$1.79 per lf.;
 - (11) furnishing bell end gate valves:
 - (a) 2 six-inch valves at \$17.00 each;
 - (b) 3 eight-inch valves at \$20.50 each;
 - (c) 1 12-inch valve at \$38.00 each;
 - (12) furnishing bell and spigot cast iron fittings; 4,000 lbs. at \$0.06 per lb.;
 - (13) furnishing steel band and bolts, 450 lbs. at \$0.05 per lb.;
 - (14) furnishing 3/4-inch galv. iron service pipe, 2500 lf. \$0.06 per lf.;
 - (15) Lump sum, furnishing 3/4-inch fittings for services at \$227;
 - (16) Lump sum, engineering and supervising, \$80.00;
 - (17) Lump sum, connections, \$218.
- Plans and specifications may be obtained at the cashier's office, 6th Floor, San Francisco Water Department Building, 425 Mason St., San Francisco, upon the deposit of \$5.00. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

TACOMA, Wash.—Until Oct. 3, 2 P. M., bids will be received by the

RIVERSIDE CO.—EARTH DIKE & SLOPE PAV.—(State)

RIVERSIDE CO., Calif.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at \$12,117.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing an earth dike and protecting with slope paving at Whitewater Bridge (VIII-Riv-26-D), Riverside County.

- Work involves:
- (1) 360 M. gals. water;
 - (2) 13,000 c.y. channel excav.;
 - (3) 30,000 sta. yds. overhaul;
 - (4) 5,210 c.y. struc. excav.;
 - (5) 10 sta. finish drwy.;
 - (6) 2,800 sq. yds. slope pavement;
 - (7) 7 each monuments.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	1.50	1.00	.87	1.00	1.25	1.00	2.00	1.25	1.50
(2)	.30	.42	.40	.485	.49	.55	.40	.30	.31
(3)	.005	.005	.02	.005	.01	.01	.01	.01	.01
(4)	.30	.13	.30	.30	.60	.75	.50	.30	.31
(5)	15.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
(6)	2.10	2.00	1.70	2.00	1.50	1.50	3.00	4.15	5.00
(7)	3.50	4.00	3.00	3.00	3.00	5.00	5.00	5.00	4.00

Board of Contracts & Awards, City Hall, Tacoma, for the construction of 48- and 60-inch concrete pipe sewers with catchbasins, steel lining in steel arch culverts, etc. PWA Doc#et 1373-F. Funds available \$223,596.00.

Plans and specifications may be obtained from C. D. Fursbeck, City Engineer, upon deposit of \$5.00. * 32

BIDS OPENED

SANTA PAULA, Ventura Co., Cal.—I. C. Hickey, 320 S. Palm Avenue, Alhambra, at \$36,841 submitted low bid and was recommended for award of contract (subject to PWA approval) by the Santa Paula City Council, for the construction of Unit A Municipal Sewer System. Engineer's estimate \$51,000.

- Total bids follow:
- I. C. Hickey, \$36,841.00.
 - P. S. Tomich, \$47,250.00.
 - Sutalo & Ramljak, \$47,817.50.
 - Radich & Brown, \$48,955.00.
 - R. A. Wattson, \$54,155.00.
 - Artukovich Bros., \$55,332.00.
 - Leko & Bosnyak, \$55,585.00.
 - J. L. Kruly, \$56,386.25.
 - S. M. Milovich, \$57,315.00.
 - V. C. K. Construction Co., \$61,835.00.

LOW BIDDER

DELANO, Kern Co., Calif.—J. E. Pettijohn and Geo. F. Haddisan, P. O. Box 141, Delano, at \$53,392.20 submitted low bid to the Delano City Council, Scott G. Lad, City Clerk, City Hall, Delano, for the construction of a sewage disposal plant, water extensions and a fire alarm system. * 32

CONTRACT AWARDED

VISALIA, Tulare Co., Calif.—Bennett & Taylor, 598 San Fernando Rd., Los Angeles, at \$79,800 awarded contract (subject to PWA approval) by the Visalia City Council, City Clerk, Visalia, for constructing a sewage disposal plant. * 32

CONTRACT AWARDED

WILLITTS, Mendocino Co., Calif.—Harvey E. Connor, 1222 Whipple Ave., Redwood City, at \$34,197.75 was awarded contract by the Willitts City Council, City Hall, Willitts, for construction of the municipal sewer disposal project, comprising vitrified clay sanitary sewers, concrete storm drains, corrugated culvert and improvements to sewage treatment plant; PWA project. * 32

Total bids follow:

- (A) United Concrete Pipe Corp., 1347 W. 208th St., L. A., \$12,117.50.
- (B) Dimmitt and Taylor, L. A., \$12,375.30.
- (C) Oswald Bros., L. A., \$12,557.20.
- (D) W. E. Robertson, L. A., \$14,099.00.
- (E) W. R. Shriver, Glendale, \$14,567.00.
- (F) C. G. Willis & Sons, Inc. & Chas. G. Willis, L. A., \$16,052.50.
- (G) J. S. Metzger & Son, L. A., \$17,360.00.
- (H) R. E. Hazard & Sons, San Diego, \$17,918.00.
- (I) Edmondson and Sons, L. A., \$20,563.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	1.50	1.00	.87	1.00	1.25	1.00	2.00	1.25	1.50
(2)	.30	.42	.40	.485	.49	.55	.40	.30	.31
(3)	.005	.005	.02	.005	.01	.01	.01	.01	.01
(4)	.30	.13	.30	.30	.60	.75	.50	.30	.31
(5)	15.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
(6)	2.10	2.00	1.70	2.00	1.50	1.50	3.00	4.15	5.00
(7)	3.50	4.00	3.00	3.00	3.00	5.00	5.00	5.00	4.00

BIDS WANTED

MOUNT SHASTA, Siskiyou Co., Calif.—Until October 3, 8:00 P. M. bids will be received by the Mount Shasta City Council, John Rule, City Clerk, City Hall, Mount Shasta, for construction of a municipal sewage disposal project.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00 refundable. * 32

BIDS OPENED

SAN LEANDRO, Alameda Co., Cal.—A. D. Downer, 6121 Buenaventura Ave., Oakland, at \$19,987 submitted low bid to the San Leandro City Council, E. F. Hutchings, City Clerk, 1129 E. 14th St., San Leandro, for construction of Project Unit I, intercepting sewers and appurtenances; PWA project 1884-F.

- Total bids follow:
- A. D. Downer, \$19,987.00
 - John Pestana, 21,473.90
 - Manuel Costa, 22,869.38
 - W. J. Tobin, 24,400.00
 - Manuel Smith, 27,956.25
 - M.J.B. Const. Co., 29,877.25
 - E. J. Treacy, 31,009.40

BIDS WANTED

SACRAMENTO, Calif.—Until Oct. 7, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the 50th Street sewers in the City of Sacramento.

- Work involves:
- (1) 416 lf. 15-in. VI sewer pipe in place;
 - (2) 260 lf. 12-in. VI sewer pipe in place;
 - (3) 2 old concrete manholes remove;
 - (4) 3 standard concrete manholes, to construct;
 - (5) 1000 sq. ft. take out pavement;
 - (6) 10 lf. 6-in. VI sewer pipe replace;
 - (7) 1000 sq. ft. temporary pavement replace.
- Plans and specifications available from above office. * 32

BIDS OPENED

VISALIA, Tulare Co., Calif.—Bennett & Taylor, 598 San Fernando Road, Los Angeles, at \$79,800 submitted low bid to the Visalia City Council, City Clerk, Visalia, for constructing a sewage disposal plant.

Total bids follow:

- Bennett and Taylor, 598 San Fernando Road, L. A., \$79,800.00.

J. C. Hickey, Alhambra, \$85,000.00.
H. A. Teget, Ontario, \$94,845.00.
Gates and Huntley, Los Angeles, \$99,700.00.
The Contracting Engineers Co., Los Angeles, \$102,500.00.

Hoagland Engrg. & Construction Co., Long Beach, \$102,900.00.

Fred J. Early, Jr., San Francisco, \$109,541.00. 32

BIDS OPENED

LAKEPORT, Lake Co., Cal.—Underground Const. Co. 354 Hobart St., Oakland, at \$10,692.50 submitted low bid to Lakeport City Council, City Hall, Lakeport, for construction of Project Unit 1, vitrified clay intercepting sewer line and cast iron pipe sewer force main, of the Municipal Sewer Disposal Project, PWA 967-F.

The bids of Underground Const. Co. and M. J. McGuire and M. Hester were forwarded to PWT with recommendation that award be made to McGuire & Hester, deducting Item

- Work involves:
1) 700 l.f. 8-in. vit. clay pipe sewer;
2) 1925 l.f. 10-in. do;
3) 12 standard brick manholes complete;
4) 1 only control manhole, corrugated iron gates, etc.;
5) 2300 l.f. 8-in. bell and spigot cast iron pipe sewer force mains;
6) 500 ft. 6-in. outlet extensions and appurtenances.

- Total bids follow:
A) Underground Const. Co., 354 Hobart St., Oakland, \$10,692.50.
B) M. J. McGuire and M. Hester, Oakland, \$11,561.50.
C) E. E. Lowell, Vallejo, (ded. Item 6), \$9,690.00.
D) Manuel Smith, Oakland, \$12,100.00.
E) Pacific States Const. Co., San Francisco, \$12,956.25.
F) E. J. and M. J. Treacy, S. F., \$12,980.00.

Unit prices follow:

	(A)	(B)	(C)
1)	\$1.10	\$.90	\$1.30
2)	1.30	1.10	1.40
3)	90.00	80.00	90.00
4)	200.00	300.00	175.00
5)	1.80	1.98	2.10
6)	4.00	6.00	
	(D)	(E)	(F)
1)	\$ 1.00	\$ 1.10	\$ 1.26
2)	2.00	1.65	1.42
3)	100.00	80.00	102.00
4)	250.00	300.00	305.00
5)	2.00	2.50	1.885
6)	3.00	4.00	7.00

32

BIDS WANTED

SACRAMENTO, Calif.—Until Oct. 8-15 P. M. bids will be received for the Sacramento City Council, H. Denton, City Clerk, City Hall, for construction of the L and M Street sewers in the City of Sacramento.

Work involves:
1) 926 l.f. 45-in. concrete sewer pipe in place;
2) 1535 l.f. 33-in. do;
3) 366 l.f. 27-in. VI iron stone pipe;
4) 1110 l.f. 24-in. do;
5) 680 l.f. 21-in. do;
6) 2030 l.f. 18-in. VI pipe;
7) 3439 l.f. 15-in. VI iron stone pipe;
8) 120 l.f. 8-in. do;
9) 200 l.f. 6-in. do;
10) 17 old concrete manholes remove;
11) 23 stand. conc. manholes construct;
12) 61,000 pavement 9 in temporary replace.

Plans and specifications available from above office. 32

SAN LEANDRO—SEWER CONSTRUCTION—(CITY)

SAN LEANDRO, Alameda Co., Cal.—A. D. Downer, 6121 Buenaventura Ave., Oakland, at \$19,987 submitted low bid to the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 E. 14th St., San Leandro, for construction of Project Unit 1, intercepting sewers and appurtenances; PWA project 1884-F.

- Work involves:
(1) 2,000 l.f. 8-inch vitrified clay pipe sewer;
(2) 800 l.f. 10-inch do;
(3) 260 l.f. 12-inch do;
(4) 4130 l.f. 15-inch do;
(5) 2025 l.f. 18-inch do;
(6) 200 l.f. 24-inch do;
(7) 360 l.f. 16-inch class A bell and spigot cast iron pipe sewer along and adjacent to railroad crossing and bridge crossing;
(8) 1 steel truss bridge sewer line cross over San Leandro Creek,

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	98	100	125	112	95	180	184
(2)	122	120	138	128	115	170	184
(3)	127	140	153	150	150	230	186
(4)	166	175	195	178	250	270	2,815
(5)	200	230	237	260	285	305	3,158
(6)	500	500	291	650	400	600	491
(7)	400	415	308	500	500	420	543
(8)	500.00	1000.00	850.00	1600.00	3000.00	1200.00	979.00
(9)	100.00	230.00	49.03	250.00	500.00	220.00	321.10
(10)	75.00	70.00	100.00	90.00	75.00	80.00	88.00
(11)	1.00	1.00	.75	1.00	.50	1.00	1.00

- complete;
(9) 1 Davis street sewer underpass complete with 12-inch asbestos-bonded connections sewer line and conduits;
(10) 32 standard brick manholes;
(11) 300 l.f. house sewer connections in improved street including 4-inch diameter Y-branches conduits.

- Total bids follow:
(A) A. D. Downer, Oakland, \$19,987.
(B) John Pestana, Oakland, \$21,473.
(C) Manuel Costa, Oakland, \$22,869.38.
(D) W. J. Tobin, Oakland, \$24,400.40.
(E) Manuel Smith, Oakland, \$27,956.25.
(F) M. J. B. Const. Co., Stockton, \$29,877.25.
(G) E. J. Treacy, San Francisco, \$31,009.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	98	100	125	112	95	180	184
(2)	122	120	138	128	115	170	184
(3)	127	140	153	150	150	230	186
(4)	166	175	195	178	250	270	2,815
(5)	200	230	237	260	285	305	3,158
(6)	500	500	291	650	400	600	491
(7)	400	415	308	500	500	420	543
(8)	500.00	1000.00	850.00	1600.00	3000.00	1200.00	979.00
(9)	100.00	230.00	49.03	250.00	500.00	220.00	321.10
(10)	75.00	70.00	100.00	90.00	75.00	80.00	88.00
(11)	1.00	1.00	.75	1.00	.50	1.00	1.00

SAN FRANCISCO—G. G. BRIDGE APPROACH—(State)

SAN FRANCISCO.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at \$593,042, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for construction of a portion of the State Highway between Lake Street and Golden Gate Bridge Approach, in the City of San Francisco, consisting of about 2.1 miles grading, including approximately 1300 feet of reinforced concrete tunnel construction.

- Work involves:
(1) 15 acres clear and grub;
(2) 4,600 M gals. water;
(3) 1,000 c.y. remove conc.;
(4) 1 lot remove and reconstruct golf course facilities;
(5) 1 lot protecting 12-in. water main;
(6) 1 lot remove exist pump house;
(7) temporary foot bridge;
(8) 310,000 c.y. roadway excav. without class;
(9) 1,900 c.y. trench excav. fill treatment;
(10) 21,500 c.y. struct. excav.;
(11) 146,000 c.y. tunnel and retaining wall backfill;
(12) 3,000 c.y. trench backfill fill treatment;
(13) 40,000 c.y. mud removal;
(14) 6,100,000 sta. yds. overhaul;
(15) 95 sta. finish roadway;
(16) 2,860 sq. yds. prepare subgrade;
(17) 1,075 tons crusher run base;
(18) 500 tons broken stone bitum. macadam;
(19) 16 tons liq. asph. 90-95 bitum macadam;
(20) 400 tons asph. conc. type A surface.
(21) 450 c.y. class A Port. cem. conc. pavement;
(22) 21,000 c.y. class A Port. cem. conc. structures;
(23) 2,900,000 lbs. bar reinf. steel;
(24) 10,000 lbs. misc. steel;
(25) 440 l.f. 12-in. CMP;
(26) 810 l.f. 15-in. CMP;
(27) 1,160 l.f. 18-in. CMP;

- (28) 12,300 l.f. 8-in. pref. metal pipe underdrains;
(29) 1,000 c.y. rock filling material underdrains;
(30) 850 l.f. 12-in. double strength glazed vit. clay pipe;
(31) 880 l.f. 15 double strength glazed vit. clay pipe;
(32) 1,150 l.f. 18-in. double strength glazed vit. clay pipe;
(33) 900 l.f. 30-in. double strength glazed vit. clay pipe;
(34) 34 each frames and grates for drop inlets;
(35) 11 each manhole frames and covers;
(36) Furnish and install 18-in. gate valve;
(37) 4,450 l.f. brick gutters;
(38) 160 l.f. lam. timber guard rail;
(39) 13,000 sq. yds. water proofing;
(40) 13,850 lbs. copper strips;
(41) 1,750 l.f. 4-in. cast iron pipe drains;
(42) 1 lot elec. conduit and fittings;
(43) 1 lot misc. items of work;
(44) 10 each monuments.

- Total bids follow:
(A) Macco Const. Co., 815 Paramount Blvd., Clearwater, \$593,042.00.
(B) MacDonald & Kahn Co., Ltd., San Francisco, \$643,781.00.
(C) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$645,810.70.
(D) Union Paving Co., San Francisco, \$657,626.50.
(E) David H. Ryan, San Diego, \$664,796.00.
(F) Eaton & Smith, San Francisco, \$685,765.70.
(G) Clinton Const. Co., San Francisco, \$725,163.50.
(H) Fredrickson & Westbrook, Lower Lake, \$750,315.30.
(I) Bates & Rogers Const. Corp., Oakland, \$753,599.72.
(J) Barrett & Hipf and Charles L. Harney, San Francisco, \$763,833.
(K) Geo. Pollock Co., Sacramento, \$774,466.50.
(L) R. G. Clifford, San Francisco, \$824,124.20.
- Unit prices follow:

33— WATER WORKS

BIDS OPENED

SACRAMENTO, Cal.—M. J. Lynch, 1435 Church St., San Francisco, at \$43,834 submitted low bid to Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of new water mains, Sections 1 to 5 in Sacramento. Est. cost, \$42,230. PWA project.

Total bids follow:
M. J. Lynch, San Francisco. \$43,834
Pacific States Const. Co., S. F. 45,269
Geo. Pollock Co., Sacto. 53,700

CONTRACT AWARDED

SPADRA, Los Angeles Co., Calif.—Warren Southwest, Inc., 2145 East 25th Street, Los Angeles, at \$64,915 awarded contract by the State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for the installation and completion of a water supply line at Pacific Colony, Spadra, Los Angeles County. *

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—Until October 14, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 803, for the construction of pumping plants Nos. 1, 2, 3 and 4, Contra Costa Canal, Delta Division, Central Valley Project. Work is located near Antioch, Calif.

Estimated quantities are:

- (1) 27,000 c.y. excavation for pumping plant;
- (2) 620 c.y. gravel subbase;
- (3) 2,050 c.y. gravel fill & blankets;
- (4) 17,800 c.y. backfill;
- (5) 5,030 c.y. concrete;
- (6) Placing 455,000 lbs. reinf. bars;
- (7) Placing 2,460 l.f. metal sealing strips;

- (8) Installing 1,200 l.f. rubber water stops;
- (9) Installing 1,270 sq. ft. elastic joint filler material;
- (10) Placing 800 sq. yds. bonded concrete floor finish;
- (11) Installing 7,200 sq. ft. asphalt-saturated felt roofing;
- (12) Placing 2,600 sq. ft. membrane waterproofing;
- (9) 70 30 25 36 47 37
- (13) Applying 680 sq. yds. liquid damproofing;
- (14) Installing 281,300 lbs. metalwork and partitions;
- (15) Installing metal doors, windows and partitions;
- (16) Installing 5,200 l.f. electrical metal conduit;
- (17) Installing 2,400 lbs. of ground wires;
- (18) Constructing 520 sq. ft. of temporary timber floors.

Plans and specifications may be obtained from the above office at no charge to prospective bidders; to others \$2.00 per copy, not returnable.

CONTRACT AWARDED

NAPA, Napa Co., Cal.—Devincenzi & Haskins, 440 Anza St., San Francisco, at \$28,738.10 awarded contract by the Napa City Council, Whitfield Griffith, City Clerk, City Hall, Napa, for construction of a 24-inch pipe water main of steel pipe, a suspension bridge for carrying pipe across the Napa river, automatic chlorine and ammonium equipment, and pressure regulator for the Water System of the City of Napa. *

BID OPENED

WATSONVILLE, Santa Cruz Co., Calif.—Walter A. Hoff, Route 1, Box 674, Palo Alto, submitted only bid at \$1,967 (Item 1) and \$160 (ait. a) to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. P. O., at Watsonville. *

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 400.00	\$ 100.00	\$ 200.00	\$ 100.00	\$ 250.00	\$ 240.00
(2)	.80	1.00	.75	1.00	1.40	1.20
(3)	3.00	1.50	1.20	1.50	2.20	1.25
(4)	5000.00	4000.00	5000.00	5000.00	5000.00	5350.00
(5)	1200.00	500.00	700.00	1500.00	1000.00	425.00
(6)	200.00	800.00	230.00	1500.00	500.00	244.00
(7)	500.00	2000.00	700.00	2500.00	1500.00	1200.00
(8)	.205	.20	.23	.20	.19	.27
(9)	.25	.25	.60	.25	.25	.43
(10)	1.50	1.75	.85	1.50	2.00	1.70
(11)	.18	.26	.21	.35	.25	.27
(12)	.30	.25	.46	.25	.50	.61
(13)	.20	.40	.35	.40	.40	.30
(14)	.002	.003	.003	.003	.005	.00
(15)	10.00	10.00	10.00	15.00	5.00	12.00
(16)	.10	.20	.23	.10	.15	.18
(17)	2.00	3.00	2.90	2.50	2.00	2.44
(18)	2.00	3.00	2.90	4.00	2.00	3.00
(19)	12.00	17.00	11.60	15.00	20.00	14.50
(20)	4.50	4.65	5.00	5.00	3.50	4.00
(21)	10.00	9.00	10.50	10.00	9.00	10.80
(22)	11.35	13.35	14.00	12.10	13.30	13.47
(23)	.0375	.035	.0385	.035	.035	.03
(24)	.15	.15	.12	.12	.25	.16
(25)	1.10	1.50	1.32	1.20	1.25	1.28
(26)	1.50	1.70	1.50	1.50	1.50	1.56
(27)	1.75	2.00	1.87	2.00	2.00	1.90
(28)	.90	1.00	1.00	.90	.90	.91
(29)	2.40	2.50	3.50	3.00	2.75	3.00
(30)	1.00	1.00	1.00	2.00	1.00	1.05
(31)	1.75	1.60	1.56	2.50	1.60	1.67
(32)	6.00	2.00	2.10	10.00	2.20	2.50
(33)	8.00	6.00	5.56	10.00	7.00	6.00
(34)	50.00	60.00	50.00	50.00	54.00	55.00
(35)	100.00	110.00	100.00	100.00	108.00	110.00
(36)	380.00	375.00	319.00	300.00	300.00	335.00
(37)	.70	1.20	1.20	.50	1.00	.91
(38)	2.00	1.20	1.20	1.50	1.50	1.20
(39)	.35	.23	.23	.40	.50	.33
(40)	.40	.50	.62	.50	.30	.45
(41)	.70	.80	.60	.80	1.00	.80
(42)	17000.00	10000.00	10000.00	18000.00	12000.00	17000.00
(43)	1500.00	2000.00	1500.00	2500.00	3000.00	730.00
(44)	4.00	5.00	3.00	4.00	4.00	4.00
	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$ 570.00	\$ 200.00	\$ 103.00	\$ 800.00	\$ 500.00	\$ 180.00
(2)	1.15	1.25	1.03	1.20	.75	1.80
(3)	1.40	1.50	1.55	3.20	3.00	1.20
(4)	7000.00	5000.00	7080.00	4500.00	1000.00	7650.00
(5)	1800.00	4000.00	1025.00	1700.00	500.00	960.00
(6)	1600.00	400.00	1205.00	1700.00	250.00	240.00
(7)	2900.00	3000.00	3025.00	4000.00	1500.00	960.00
(8)	.27	.26	.206	.25	.36	.47
(9)	.70	.30	.57	.70	.60	.37
(10)	2.16	.70	2.60	2.40	1.75	2.00
(11)	.32	.25	.36	.32	.26	.20
(12)	.58	.50	.257	.95	.60	.24
(13)	.40	.30	.412	.50	.30	.48
(14)	.0023	.005	.0031	.005	.005	.004
(15)	6.00	20.00	10.30	25.00	10.00	18.00
(16)	.29	.08	.257	.10	.10	.18
(17)	4.80	3.00	3.10	2.60	2.50	2.40
(18)	4.60	3.00	4.10	5.00	3.00	3.00
(19)	20.00	20.00	13.40	16.50	14.00	15.00
(20)	5.60	4.00	4.65	6.00	4.00	5.58
(21)	11.00	11.00	10.80	9.50	12.00	9.00
(22)	13.40	17.50	16.30	14.60	16.00	17.00
(23)	.035	.035	.033	.035	.037	.037
(24)	.16	.10	1.45	.18	.20	.20
(25)	1.24	1.20	1.60	1.20	1.50	1.20
(26)	1.53	1.30	2.00	1.50	1.75	1.40
(27)	1.90	2.00	2.55	2.00	2.25	1.70
(28)	2.20	1.00	1.05	.96	1.00	.96
(29)	3.50	4.00	4.45	4.50	3.50	3.00
(30)	1.30	.90	1.40	1.80	1.00	1.10
(31)	1.60	1.60	2.10	2.60	1.50	1.55
(32)	2.25	2.00	2.80	11.00	2.00	2.30
(33)	5.60	6.00	6.70	7.50	5.00	7.20
(34)	50.00	50.00	56.00	48.00	60.00	55.00
(35)	100.00	50.00	113.00	100.00	110.00	110.00
(36)	350.00	350.00	365.00	350.00	250.00	400.00
(37)	1.00	1.50	.87	1.20	.25	1.50
(38)	1.25	1.50	1.20	1.20	1.40	1.20
(39)	.31	.40	.28	.30	.32	.40
(40)	.45	.60	.65	.50	.50	.72
(41)	.73	.60	.90	.80	1.00	.85
(42)	15000.00	10000.00	11450.00	8000.00	18000.00	20700.00
(43)	6500.00	4000.00	2900.00	3300.00	1400.00	1800.00
(44)	6.00	3.00	5.00	3.50	3.00	4.00

34— PARKS AND PLAY GROUNDS

BIDS OPENED

PETALUMA, Sonoma Co., Calif.—W. Singleton, 501 4th St., Petaluma, at \$13,955 submitted low basic bid and was awarded contract, subject to PWA approval, by the City of Petaluma for construction of Wickersham Park, Petaluma.

Complete bids were:
W. Singleton, Petaluma, \$13,955 (alt. 1) ded. for omitting w/l, \$365.

A. M. Seeberg, Petaluma, \$14,888.88 (alt. 1) \$388.88.

35— TUNNELS

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until Sept. 26, 10:00 A. M. (date postponed from Sept. 21), bids will be received by the U.S. Bureau of Reclamation, Old Post Office Building, Sacramento, under Spec. No. 796, for the construction of earthenwork, tunnels and structures for the Southern Pacific Railroad

relocation, milepost 258.63 to milepost 272.68, Kennett division, Central Valley Project, Calif.

CONTRACT AWARDED

MARIPOSA CO., Calif.—John Rocca, Box 444, San Rafael, at \$119,515, awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing tunnel lining and guniting on Section A5 of Route 3, the Big Oak Flat Road, a length of 0.393 mile, Yosemite National Park, Mariposa County. * 35

SAN DIEGO COUNTY—GRADING & PAVING—(STATE)

SAN DIEGO CO., Calif.—Griffith Company, 502 Los Angeles Railway Bldg., Los Angeles, at \$162,930.30 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.1 miles to be graded and portions to be paved with Portland cement concrete and plant mix surfacing between Oakley Ave. in LaMesa and Grossmont, XI-SD-12-LMSAA, B), San Diego Co., Calif.

- Work involves:
(1) Clear and grub;
(2) 12,300 M gals. water;
(3) 403,000 c.y. roadway excav. without class;
(4) 2,100 c.y. ditch and channel excavation;
(5) 3,340,000 sta. yds. overhaul;
(6) 9000 c.y. struc. excav.
(7) 1,060 c.y. remove conc.;
(8) 45 c.y. walls remove and disposed of;
(9) 10,500 sq. yds. prepar. surgrade;
(10) 117 sta. finish roadway;
(11) 2,020 tons min. agg. plant mix surf.;
(12) 105 tons liq. asph. MC-5 or MC-extra heavy plant mix surf.;
(13) 11 tons liq. asph. SC-3 prime coat;

- (14) 4 tons liq. asph. SC-2 seal coat;
(15) 26 tons liq. asph. SC-2 road mix surf. treat;
(16) 5,700 sq. yds. prepare mix and shape shoulders, gutters and road approaches;
(17) 1,860 c.y. class B Port. cement conc. pave.;
(18) 10,400 lbs. bar reinf. steel pave. and structs.;
(19) 3,860 each pave. dowels;
(20) 1,100 each pave. tie bolt assemblies;
(21) 45 c.y. class A Port. cement concrete structs.;
(22) 200 c.y. class A Port. cement conc. ditch lining;
(23) 1,700 sq. yds. mesh reinf.;
(24) 110 lf. 8-in. C. M. P.;
(25) 908 lf. 18-in. C. M. P.;
(26) 318 lf. 24 in. C. M. P.;
(27) 444 lf. 30-in. C. M. P. 12 gauge;
(28) 140 lf. 30-in. C. M. P. 14 gauge;
(29) 150 lf. 36-in. C. M. P. 12 gauge;
(30) 228 lf. 36-in. C. M. P. 10 gauge;
(31) 248 lf. 48-in. C. M. P. 8 gauge;
(32) 3 each spillway assemblies;
(33) 380 c.y. class A Port. cement conc. curbs and gutters;
(34) 1,200 lf. lam. guard railing;
(35) 11 each culvert markers;
(36) 1,550 sq. yds. asph. paint binder;
(37) 6 each frames and gratings;

- (38) 1 each electrolier moved and reset;
(39) 8 sections pave. cross devices type A-11;
(40) 31 each monuments;
(41) 29,000 each mesembryanthemum edule cuttings;
(42) 21 each plants key No. 8;
(43) 83 each plants key No. 9;
(44) 180 each plants key No. 10;
Total bids follow:
(A) Griffith Co., 502 Los Angeles Railway Bldg., L. A., \$162,930.30.
(B) Daley Corp. San Diego, \$172,450.65.
(C) Crow Bros. Constr. Co., L. A., \$175,679.80.
(D) Frederickson & Westbrook, Lower Lake, \$178,716.50.
(E) N. M. Ball & Sons, Berkeley, \$179,643.90.
(F) Macco Constr. Co. and R. E. Hazard & Son, \$180,657.50.
(G) V. R. Dennis Constr. Co., San Diego, \$192,335.95.
(H) Basich Bros., Torrance, \$197,993.99.
(I) Claude Fisher Co., Ltd., L. A., \$212,944.40.
(J) David H. Ryan, San Diego, \$233,251.60.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	2000.00	300.00	935.00	1500.00	750.00	2000.00	3000.00	1800.00	1500.00	2000.00
(2)	.50	.82	.50	.60	.50	.75	.40	.85	.50	.75
(3)	.235	.2475	.24	.254	.27	.255	.295	.29	.33	.35
(4)	1.00	.90	1.50	.60	.75	.50	1.00	.75	1.25	2.00
(5)	.003	.0025	.0025	.003	.003	.003	.001	.002	.005	.005
(6)	.90	1.35	1.50	1.50	1.20	1.10	1.25	1.50	1.50	2.00
(7)	1.80	1.75	2.00	1.50	1.25	1.50	2.50	1.50	2.50	2.50
(8)	1.80	1.00	1.00	1.50	2.00	3.00	1.25	2.00	2.00	2.50
(9)	.09	.10	.13	.12	.09	.08	.10	.12	.10	.15
(10)	6.00	5.00	5.00	8.00	5.00	6.00	10.00	10.00	10.00	5.00
(11)	2.00	3.00	3.40	3.30	2.50	2.75	3.50	3.25	3.25	2.75
(12)	10.00	10.75	11.00	11.00	17.00	11.00	11.00	11.25	15.00	12.00
(13)	11.00	19.00	12.00	18.00	12.00	12.00	16.00	20.00	20.00	12.00
(14)	15.00	18.40	25.00	17.00	15.00	15.00	18.00	20.00	20.00	12.00
(15)	11.00	10.00	10.00	9.00	11.00	12.00	9.00	9.25	10.00	12.00
(16)	.07	.08	.09	.07	.07	.08	.05	.07	.10	.10
(17)	7.00	7.75	9.30	8.00	7.70	9.50	10.00	9.88	7.50	9.00
(18)	.074	.085	.083	.08	.06	.06	.08	.08	.08	.09
(19)	.14	.13	.14	.15	.16	.15	.15	.14	.15	.17
(20)	.56	.60	.70	.50	.40	.75	.60	.60	.45	.72
(21)	22.00	26.00	20.00	30.00	23.00	23.00	30.00	25.00	35.00	26.00
(22)	11.00	17.00	15.50	14.00	15.00	14.00	13.00	20.00	15.00	18.00
(23)	.40	.40	.26	.40	.40	.40	.42	.35	.10	1.00
(24)	1.00	.90	1.15	1.00	1.00	1.10	1.10	.94	1.00	1.00
(25)	1.90	1.70	2.00	2.00	1.90	2.00	2.00	1.66	1.80	2.00
(26)	4.00	2.30	3.00	2.50	2.70	3.00	3.00	2.42	2.75	2.90
(27)	4.00	4.00	4.60	4.00	4.45	4.00	4.70	3.92	4.25	4.40
(28)	3.40	3.30	3.65	3.50	3.20	3.00	3.70	3.08	3.45	3.10
(29)	5.00	4.90	5.50	5.00	5.00	5.00	5.50	4.70	5.00	5.30
(30)	6.00	5.75	6.60	6.00	6.20	6.00	6.80	5.59	6.00	6.25
(31)	9.50	9.50	10.30	10.00	10.70	10.00	11.00	9.22	9.50	10.15
(32)	17.00	15.00	20.00	16.00	15.00	15.00	15.00	16.68	20.00	15.00
(33)	13.00	18.00	17.50	15.00	14.00	14.50	14.00	16.00	12.00	15.00
(34)	.90	1.25	1.15	1.00	.95	1.00	1.00	1.50	1.10	1.25
(35)	3.00	2.50	4.00	2.00	2.50	3.00	2.50	3.00	3.00	1.50
(36)	.03	.03	.03	.04	.01	.05	.03	.02	.05	.03
(37)	30.00	30.00	30.00	50.00	40.00	25.00	20.00	30.00	35.00	17.00
(38)	170.00	45.00	100.00	150.00	125.00	50.00	25.00	15.00	25.00	100.00
(39)	35.00	50.00	60.00	40.00	40.00	45.00	75.00	25.00	50.00	50.00
(40)	3.40	3.00	4.00	2.00	2.50	3.00	2.50	4.00	3.00	3.00
(41)	.044	.035	.025	.04	.03	.03	.02	.025	.025	.0125
(42)	.90	2.00	1.25	1.75	2.00	1.00	.50	2.00	.50	1.35
(43)	.90	2.00	1.25	1.75	2.00	1.00	.50	2.00	.50	1.35
(44)	.90	2.00	1.25	1.75	2.00	1.00	.50	2.00	.50	1.35

FRESNO COUNTY, CALIF.—GRADING—(GOVT)

FRESNO COUNTY, Calif.—Hemstreet & Bell, 501 11th St. Marysville at \$305,541.10 submitted low bid to U. S. Bur. of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading 4.713 mi. Section B of the Fresno-General Grant Park Approach Road, Sequoia National Forest, Fresno Co., Calif.

Work involves:

- (1) 46 acres clearing;
(2) 46 acres grubbing;
(3) 227,500 c.y. unclass. excav.;
(4) 2,900 c.y. unclass. excav. for structures;
(5) 5,400 c.y. unclass. excav. for borrow;
(6) 990,000 sta. yds. overhaul;
(7) 18,800 c.y. mile borrow haul;
(8) 4.713 miles finishing earth graded roads;
(9) 100 c.y. Class A cement stone masonry;
(10) 3,254 c.y. loose rock retaining

- (11) 658 lf. 8-in. corr. galv. sheet metal pipe;
(12) 1496 lf. 18-in. do;
(13) 4812 lf. 24-in. do;
(14) 556 lf. 30-in. corr. galv. sheet metal pipe, 14 gauge;
(15) 94 lf. 30-in. do, 10 gauge;
(16) 13 each spillway inlets, Type A
(17) 13 each 8-in. corr. galv. sheet metal pipe elbows;
(18) 1 24-in. corr. do;
(19) 5 each drop inlets, 18-in. Type 4;
(20) 5 each cast steel frames and gratings;
(21) 4 each right of way monuments
(22) Force account selective clearing
(23) Force account guard rocks for parking areas;
(24) Force account remove and re-lay 3 in. pipeline.

Total bids follow:

(A) Hemstreet & Bell, Marysville, \$305,541.10.

Table with 13 columns (A-M) and 24 rows of bid amounts for various items.

- (B) Claude Fisher Co., Ltd., Los Angeles, \$340,997.70.
(C) Geo. K. Thompson, Los Angeles \$353,752.40.
(D) Granfield-Farrar & Carlin, San Francisco, \$364,205.10.
(E) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$368,486.30.
(F) Ralph A. Bell, Monrovia, \$372,265.30.
(G) Harms Bros. & Larson Bros., Sacramento, \$378,875.90.
(H) Union Paving Co., San Francisco, \$396,671.00.
(I) United Concrete Pipe Corp., Los Angeles, \$391,745.20.
(J) Isbell Const. Co., Reno, Nev., \$414,367.00.
(K) Lewis Const. Co., Los Angeles, \$429,850.00.
(L) Mitty Bros. Const. Co., Los Angeles, \$498,312.00.
(M) R. E. Campbell, Los Angeles, \$539,307.30.

LOS ANGELES—PRADO DAM—(GOVT)

LOS ANGELES, Calif.—Guthrie-Marsch-Peterson, Chicago, (L. A. representative: W. Earl Roach, 623 W. 5th), W. E. Callahan Construction Co., L. A., J. P. Shirley, L. A., and Geo. W. Condon, Omaha, Neb., at \$3,640,795 (bidding pointy) submitted low bid to the U. S. Engineer, 751 S. Figueroa Street, Los Angeles, under Bid No. 509-39-90, for construction of and earthen dam on the Santa Ana River at Prado Dam site, Riverside Co.

The work involves:

- (1) lump sum, diversion and care of water during construction;
(2) lump sum, removal of existing structure;
(3) lump sum, clearing and grubbing damsite;
(4) 500,000 c.y. stripping for damsite
(5) 1,375,000 c.y. common excav.;
(6) 600,000 c.y. borrow pit excav.;
(7) 2,125,000 c.y. rock excav., except trenches;
(8) 6,000 c.y. rock excav. trenches, 0 to 10 ft.;
(9) 7,500 c.y. do, 10 to 25 ft.;
(10) 63,000 c.y. do, over 25 ft.;
(11) 20,000 c.y. struc. backfill, uncompacted;
(12) 15,000 c.y. do, compacted;
(13) 580,000 c.y. sel. impervious fill in embankment;
(14) 760,000 c.y. random fill in do;
(15) 1,790,000 c.y. levees fill in embankment and levees;
(16) 21,000 c.y. rock fill in toes;
(17) 2,500,000 squares (100 sq. ft. ea.) rolling, 3 trips;
(18) 18,000 c.y. gravel filters, drains, backing spalls, etc.;
(19) 8,500 squares (100 sq. ft. each) rock paving;

- (20) 252 squares (100 sq. ft. each) rock paving grout;
(21) 600 c.y. rock fill below outlet structure;
(22) 13,000 tons riprap;
(23) 400 squares gutter paving;
(24) 17,000 lf. 6-in. clay tile drains;
(25) 5,500 lf. 12-in. do;
(26) 11,000 lf. 8-in. perforated corr. metal pipe drains;
(27) 45,000 lf. drill holes in rock or concrete;
(28) 45,000 lf. grouting anchors;
(29) 10,700 c.y. concrete in key walls and cutoffs except downstream spillway cutoff crib;
(30) 48,000 c.y. concrete in slabs and aprons;
(31) 28,000 c.y. concrete in intake, conduit, flumes, cantilever wall and misc. struc.;
(32) 63,000 c.y. concrete in downstream spillway cutoff crib;
(33) 100 c.y. concrete in bridge superstructure;
(34) 18,700 c.y. mass concrete in gravity ogee, gravity dam, gravity walls;
(35) 10,700,000 lbs. furnish, bend and place steel reinf.;
(36) 5 test piles;
(37) 67,600 sq. ft. steel sheet piling (35 lbs. per sq. ft. of wall);
(38) 398,000 lbs. install service gates and accessories;
(39) 200 c.y. grouting gate recesses;
(40) 12,900 lbs. furnish and install copper water stops;
(41) lump sum, install switchboard;
(42) lump sum, install elec. crane;
(43) lump sum, install gasoline-lec. generator set;
(44) 1000 lbs. furnish and install conduit for elec. system;

- (45) lump sum, furnish and install lighting and power system;
(46) lump sum, furnish and install underground power service;
(47) 120,000 lbs. furnish and erect struc. steel service bridge;
(48) 155,000 lbs. furnish and install misc. struc. steel;
(49) 75,000 lbs. furnish and install misc. metalwork;
(50) 469,000 lbs. furnish and install misc. black steel pipe;
(51) 8,000 lbs. furnish and install misc. galv. steel pipe;
(52) 4,200 lf. channel fencing;
(53) 4 only 8-in. automatic drainage gates;
(54) lump sum, insulating exhaust pipe from gasoline-elec. generator set;
(55) lump sum, control house superstructure
Total bids follow:
(A) Guthrie-Marsch-Peterson, Chicago; W. E. Callahan Construction Co., L. A.; J. P. Shirley, L. A., and Geo. W. Condon, Omaha, Neb., \$3,640,795.00.
(B) California Contractors Inc., L. A., (composed of Jahn and Bressi, Elliott-Stroud-Seabrook, and D. G. Gordon and R. G. Clifford), \$2,837,600.00.
(C) Winston Bros., L. A., \$3,753,015.
(D) Bates and Rovers Construction Co., Chicago, \$1,048,275.00.
(E) Utah Construction Co. and Griffith Co., \$4,368,500.00.
(F) J. F. Shea Co., Los Angeles, \$4,889,265.00.
(G) Atkinson, Kier, Dennis Co., (V. R. Dennis Constr. Co., San Diego), San Francisco, \$5,741,170.
(H) Engineer's estimate, \$4,570,074.00.
Complete unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	20,000.00	24,000.00	35,000.00	153,000.00	45,000.00	170,000.00	80,000.00	135,000.00
(2)	77,800.00	4,750.00	4,500.00	1,500.00	28,000.00	7,200.00	10,000.00	5,400.00
(3)	150.00	100.00	55.00	120.00	140.00	65.00	400.00	125.00
(4)	.22	.10	.18	.16	.17	.22	.25	.19
(5)	.22	.25	.29	.265	.29	.30	.42	.21
(6)	.17	.25	.24	.233	.29	.235	.22	.18
(7)	.22	.25	.29	.265	.29	.30	.42	.44
(8)	3.40	2.20	5.30	2.50	6.25	2.80	4.00	3.00
(9)	3.40	4.25	3.25	3.15	6.25	6.00	6.00	6.80
(10)	3.40	4.20	5.75	6.00	6.25	8.90	8.00	4.50
(11)	.15	.20	.16	.20	.22	.25	.25	.21
(12)	.75	.90	.95	.85	.55	1.00	1.50	.75
(13)	.06	.06	.06	.05	.06	.12	.07	.065
(14)	.06	.06	.06	.05	.06	.12	.06	.065
(15)	.05	.05	.04	.036	.06	.11	.06	.028
(16)	2.00	1.60	2.10	2.10	1.75	2.25	3.00	3.20
(17)	.01	.01	.007	.014	.01	.01	.01	.018
(18)	2.00	1.46	1.20	1.05	1.15	2.10	1.50	2.30
(19)	22.00	25.50	28.40	22.00	27.50	20.50	28.00	29.00
(20)	32.00	25.50	33.40	30.00	34.00	24.00	35.00	37.40
(21)	5.00	2.60	3.00	3.20	2.80	2.50	3.50	3.25
(22)	2.00	1.60	2.10	2.60	1.75	3.00	3.25	3.62
(23)	40.00	25.50	33.40	30.00	34.00	27.00	40.00	43.65
(24)	.50	.28	.37	.30	.56	.35	.75	.40
(25)	.80	.60	.70	.80	.90	.70	1.00	.66
(26)	.14	.32	.30	.18	.45	.40	1.00	.29
(27)	.20	.15	.04	.10	.07	.50	.60	.09
(28)	6.50	6.00	4.20	7.65	7.00	7.00	8.00	7.65
(29)	7.75	7.75	5.50	7.00	6.00	7.40	9.00	6.50
(30)	9.50	12.50	8.60	8.75	11.25	11.50	15.00	11.50
(31)	4.50	4.70	4.30	7.00	6.50	7.20	8.00	6.90
(32)	35.00	44.25	24.00	32.00	30.00	31.00	45.00	39.00
(33)	6.60	9.25	6.85	8.00	7.85	8.20	12.00	7.55
(34)	.04	.038	.041	.033	.04	.0375	.04	.0435
(35)	300.00	150.00	175.00	300.00	200.00	150.00	400.00	143.00
(36)	1.10	1.40	1.60	1.65	2.15	2.05	1.50	1.70
(37)	1.10	1.20	1.20	1.15	1.00	1.30	1.50	1.20
(38)	.03	.028	.03	.025	.035	.03	.03	.028
(39)	12.50	15.00	5.60	12.50	30.00	25.00	40.00	16.40
(40)	.60	.50	.50	.55	.55	.60	.75	.57
(41)	100.00	100.00	85.00	80.00	100.00	100.00	100.00	85.00
(42)	500.00	300.00	300.00	200.00	500.00	350.00	500.00	340.00
(43)	500.00	350.00	165.00	325.00	300.00	130.00	300.00	380.00
(44)	.30	.35	.30	.30	.35	.35	.40	.32
(45)	900.00	1,000.00	900.00	800.00	1,000.00	1,000.00	1,000.00	860.00
(46)	1,000.00	1,000.00	1,000.00	1,000.00	1,100.00	1,200.00	1,100.00	980.00
(47)	.10	.09	.09	.085	.08	.10	.10	.08
(48)	.09	.07	.07	.065	.10	.085	.09	.076
(49)	.25	.12	.10	.12	.17	.15	.16	.15
(50)	.08	.07	.075	.065	.095	.085	.09	.096
(51)	.15	.15	.18	.20	.22	.22	.20	.28
(52)	.50	.45	.40	.35	.45	.60	.75	.65
(53)	25.00	15.00	20.00	10.00	20.00	25.00	30.00	7.00
(54)	50.00	100.00	80.00	100.00	60.00	100.00	100.00	30.00
(55)	5,000.00	11,500.00	6,360.00	8,500.00	8,400.00	10,000.00	12,400.00	9,000.00

LOS ANGELES COUNTY—OVERHEAD CROSSING—(STATE)

LOS ANGELES CO., Calif.—J. E. Haddock Ltd., 357 N. Chester Ave., Pasadena, at \$35,808.06 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, or construction of an overhead crossing over the tracks of the Southern Pacific Company on Daly St. at Alhambra Ave., consisting of steel and timber stringer spans with concrete deck timber pile bents in the City of Los Angeles.

- (5) 125,000 lbs. new struct. steel;
- (6) 40,000 lbs. salvaged struct. steel;
- (7) 50 M ft. board measure new Douglas fir timber;
- (8) 15 M ft. board measure salvaged Douglas fir timber;
- (9) 4,746 l.f. furnish treated Douglas fir piles;
- (10) 113 each driving treated Douglas fir piles;
- (11) 488 l.f. steel railing;
- (12) 60 l.f. 15-in. C. M. P.;
- (13) 1 lot misc. items of work.

The State will furnish salvaged struct. steel, salvaged Douglas fir timber C. M. P. and band couplers as more explicitly, etc.

Total bids follow:
(A) J. E. Haddock, 357 N. Chester

- Ave., Pasadena, \$35,808.06.
- (B) Crow Bros. Const. Co., L. A., \$36,415.50.
- (C) Fred E. Potts Co., L. A., \$37,239.00.
- (D) W. E. Robertson, L. A., \$37,487.20.
- (E) J. S. Metzger & Son, L. A., \$38,500.00.
- (F) Dimmitt and Taylor, L. A., \$39,846.70.
- (G) Baruch Corp., L. A., \$40,220.66.
- (H) Carlo Bongiovanni Const. Co., Hollywood, \$40,317.50.
- (I) Gibbons & Reed Co., Burbank, \$42,230.50.
- (J) Contracting Engineer Co., L. A., \$42,765.20.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	2.50	3.00	4.00	4.00	4.00	5.00	2.53	4.00	2.50	3.00
(2)	1.50	1.00	1.50	2.00	2.00	1.25	1.27	1.00	2.00	3.00
(3)	.042	.048	.05	.055	.05	.05	.052	.05	.06	.052
(4)	16.00	14.50	16.00	15.00	18.00	25.00	20.80	24.00	22.00	30.00
(5)	.062	.06	.07	.06	.075	.065	.074	.06	.075	.065
(6)	.046	.05	.05	.045	.05	.045	.055	.045	.06	.0525
(7)	96.00	110.00	120.00	100.00	100.00	120.00	114.00	100.00	110.00	110.00
(8)	.66	.75	.50	.70	.80	.70	.684	.75	.75	.70
(9)	20.90	25.00	20.00	40.00	20.00	16.50	20.20	32.00	20.00	20.00
(10)	8.50	9.00	8.00	8.00	5.95	7.50	9.00	9.00	9.50	9.00
(11)	1.50	1.50	1.50	2.00	2.50	2.50	2.53	2.50	2.00	4.00
(12)	1600.00	400.00	762.00	500.00	1464.60	600.00	352.00	750.00	800.00	800.00

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

25
per Co

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



**\$1,717,361 Low Bids on
Relocation**

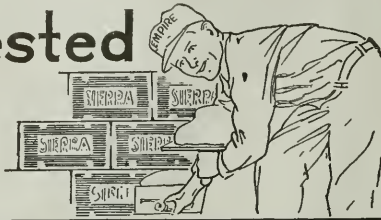


Bids Oct. 19-20 on Six State Contracts



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., OCT. 1, 1938

No. 40

SCHEDULE BIDS ON SIX STATE HIGHWAY JOBS

**Bids Oct. 19 on Span Railway
Telephone Facilities, Las-
sen Grading**

SACRAMENTO, Sept. 27.—The State Highway Commission today authorized calling for bids on six highway, bridge and telephone facility contracts in San Francisco, Lassen, Ventura, Riverside and Los Angeles counties.

Bids on the two Northern California jobs will be opened October 19; the remaining bids will be opened in Los Angeles, October 20.

The San Francisco contract calls for construction of a telephone system for the railway facilities of the San Francisco-Oakland Bay Bridge. Installation of cable; magnet subscriber sets; battery subscriber sets; terminal boxes and switchboards are involved, according to engineers.

The second northern contract involves about 4.4 miles grading and surfacing with crusher run base and road-mixed surfacing between Madeline and Likely in Lassen Co. Principal items include: 51,000 c.y. of unclassified excavation; 18,000 c.y. of imported borrow; 30 c.y. of Portland cement concrete; 1,400 pounds of reinforcing steel; 6,900 tons of mineral aggregate road-mixed surfacing; and 15,000 tons of crusher run base.

Two of the contracts for which bids were called today involve work in Los Angeles county. The first calls for construction of a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific railway about six miles east of Saugus. The second involves grading 1.7 miles of highway between the Rivera Underpass and Shenandoah avenue in Los Angeles. Surfacing with Portland cement concrete, asphaltic concrete and plant-mixed surfacing is involved, also.

The third Southern California job calls for construction of a reinforced concrete slab bridge across Sespe Overflow about 1 mile west

BIDS OCTOBER 14 ON CCC BUILDINGS

Bids for fabrication of eleven portable demountable buildings for CCC camps were invited yesterday by the Office of the Quartermaster for the Ninth Corps Area. Proposals on the contract will be opened at the Presidio of San Francisco October 14.

Deposit on plans for the contract is \$10.00. The buildings will be used by CCC camps located in the Ninth Corps Area, the Quartermaster office said.

Hanrahan-Connolly Awarded Harbor Job

Hanrahan - Connolly Company, San Francisco, at \$104,258 yesterday was awarded the contract by the U. S. Engineer Office, for constructing a rubble mound sand barrier in Crescent City harbor, Del Norte county.

The barrier will extend from the shore at the foot of Josephine street about five hundred feet southeasterly from the shore end of the Shell Company wharf, at Crescent City, southwesterly for a distance of about 2660 ft. to Whaler Island.

Only three bids were submitted on the contract early this month. Other bidders were: Basalt Rock Co., Inc., at \$110,920; and Kern & Kibbe, Portland, at \$122,640.

of Fillmore and widening approaches in Ventura county.

Bids will be opened October 20 for construction of two reinforced bridges—one across Coachella Valley storm drain, and one across a drainage ditch in Riverside county.

The first bridge will consist of thirteen 30-foot spans and two 9-foot cantilever spans, and the second, of two 29-foot spans and two 8-foot 8-inch cantilever spans.

Steel housing will make its official bow to the public at the California World's Fair on Treasure Island in 1939. The new type home is ultra-streamlined.

S. F., MONROVIA FIRMS APPEAR LOW ON S. P. JOB

**Thirty-Two Firms Offer Varied
Proposals on Rail
Relocation**

SACRAMENTO, September 26.—Granfield-Farrar & Carlin, San Francisco, at \$812,380.90, and West Construction Company, Monrovia, at \$904,981, today submitted the apparent low bid to the U. S. Bureau of Reclamation for construction of a 14-mile section of the Southern Pacific railroad relocation around the site of Shasta Reservoir.

Granfield-Farrar & Carlin's bid covers Schedules One through Four and West Construction Company's proposal covers Sched. Five, only.

The first four schedules involve construction of earthwork and structures, while Schedule Five involves construction of earthwork, tunnels and structures. Two half-mile tunnels at Bass Hill summit are called for.

Thirty-Two Bids

Final determination of the low proposals will be arrived at following study of the bids submitted by thirty-two firms today.

Walker R. Young, Supervising Engineer of the Central Valley Project, said: "All the bids will be considered and every possible combination of offers computed, taking into consideration all stipulations by the bidders, before the contracts are awarded."

The bid opening started at 10 A. M. in the quarters of the Sacramento Chamber of Commerce and lasted throughout the day. Approximately 110 people attended the meeting which had been postponed from last Wednesday.

The final outcome of the bid opening was necessarily confused by the reading of thirty-two proposals on all or portions of the 5-schedule form which involved one hundred and seventy-two items. Numerous stipulations changing contractors' prices on different combinations of schedules further obscured the order of bidders.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3085	Bancroft	Owner	2000
3087	Carfagin	Filippis	1000
3088	Caswell	Miller	1000
3089	Heyman	Owner	4950
3090	Prasso	Pence	3000
3091	Verzello	Murer	3500
3093-5	Campbell	Owner	4000
3096	Cohn	Owner	2500
3097	Eklund	Ross	1000
3098	Groff	Owner	1800
3099	Lavoria	Lhd	1000
3100	Mondino	Cappelletti	1800
3101	Romano	Owner	12000
3102	Rousseau	Owner	8000
3103	Ryan	Aetna	3500
3104	Sterling	Wagner	2000
3105	Sutro	Marshall	2700
3106	Whitcomb	Owner	1200
3107	Cal. Sch.	Prout	10000
3108	Coles	Owner	4000
3109	De Mille	Owner	6000
3110	Hoegler	Modernization	1650
3111	Montie	Lansley	2000
3112	Romiquiore	Owner	1000
3113	Standard	Owner	45000
3114	Stephens	Ballard	1250
3115	Yick	Owner	2750
3116	Anderson	Anderson	3900
3117	Anderson	Anderson	3900
3118	Coles	Owner	4000
3119	Dillon	Mattock	17000
3120	Figon	Rossi	1850
3121	Lang	Holt	5000
3122	Maskey's	Mullen	1000
3123	Mullen	Coburn	1000
3124	Christensen	Owner	7000
3125	Ebey	Home Own.	1000
3126	Galdstone	Galdstone	8000
3127	Mather	Olafsson	4000
3128	Sorensen	Bernhardt	3500
3129	Stonson	Owner	7000
3130	Stonson	Owner	5500

ALTERATIONS

(3086) 200 McALLISTER ST. Alter office.
Owner—Bancroft-Whitney Co., prem.
Architect—Farr and Ward, 68 Post Street. \$2000

ALTERATIONS

(3087) 3555 JACKTON ST. Alter dwelling.
Owner—A. Carfagin, premises.
Contractor—V. Filippis, 269 24th Ave.
Architect—Not given. \$1000

ALTERATIONS

(3088) 642 HARRISON ST. Alter warehouse.
Owner—Geo. C. Caswell Co., prem.
Contractor—Miller Const. Co., 3917 Mission St.
Architect—Not given. \$1500

DWELLING

(3089) S.W. DARTMOUTH and Sweeney. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not given. \$4950

DWELLING

(3090) E. LOUISBURG 126 S. Mt. Vernon. One-story and basement frame dwelling.
Owner—Felix Prasso, 38 Calne Ave.
Contractor—J. M. Pence, 2312 35th Avenue.
Architect—Not given. \$3000

ALTERATIONS

(3091) N.E. FLORIDA and Army. Alter flats.

Owner—Louis Verzello, 110 Sadowa.
Contractor—L. Murer, 1274 Quesada.
Architect—Not given. \$3500

DWELLING

(3093) S. ULLOA 405 E. Laguna Honda. One-story and basement frame dwelling.
Owner—J. V. Campbell, 849 Laguna Honda.
Architect—Not given. \$4000

DWELLING

(3094) S. ULLOA 436 E. Laguna Honda. One-story and basement frame dwelling.
Owner—J. V. Campbell, 849 Laguna Honda.
Architect—Not given. \$4000

DWELLING

(3095) S. ULLOA 467 E. Laguna Honda. One-story and basement frame dwelling.
Owner—J. V. Campbell, 849 Laguna Honda.
Architect—Not given. \$4000

SHED

(3096) S. W. ERIE AND FOLSOM. One-story frame office and shed.
Owner—L. Cohn, 1740 Folsom St.
Architect—Not given. \$2500

ALTERATIONS

(3097) 65 ASHBURY TERRACE. Alter dwelling.
Owner—Dr. O. E. Eklund, prem.
Architect—Not given. \$1000

DWELLING

(3098) W. BRUSSELS 100 S. Ward. One-story frame dwelling.
Owner—John Groff, 479 Steiner St.
Architect—Not given. \$1800

ALTERATIONS

(3099) 1282-4-6 PACIFIC AVENUE. Alter flats.
Owner—F. Lavoria, premises.
Contractor—L. Lhd, 54 Stanton St.
Architect—Not given. \$1000

ALTERATIONS

(3100) 2344 3rd STREET. Alter restaurant and hotel.
Owner—Joe Mondino, premises.
Contractor—D. Cappelletti, 1341 Valencia St.
Architect—Not given.

APARTMENTS

(3101) N.E. VILLA TERRACE and Pemberton Place. Two-story frame apts. (and base).
Owner—Wm. S. Romano, c/o Arch. Architect—Albert H. Larson, 333 Kearny St. \$12,000

FLATS

(3102) S.E. TURK and Temescal Ter. Two-story and basement frame flats.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$8000

DWELLING

(3103) S. SATURN 322 E. Temple. One-story and basement frame dwelling.
Owner—P. Ryan, c/o cont.
Contractor—Aetna Const., Co., 1730 24th Ave.
Architect—Not given. \$3500

ALTERATIONS

(3104) 1049 MARKET STREET. Alter store.
Owner—Sterling Furniture Co., prem.

Contractor—Geo. Wagner, 181 So. Park.
Architect—Not given. \$2000

ALTERATIONS

(3105) 3660 JACKSON STREET. Alter dwelling.
Owner—Alfred Sutro, premises.
Contractor—F. S. Marshall, 909 Ashbury St.
Architect—W. W. Wurster, 260 California St. \$2700

ALTERATIONS

(3106) 8th AND MARKET STS. Alter hotel.
Owner—Whitcomb Hotel, premises.
Architect—Not given. \$1200

AUDITORIUM

(3107) W. UTAH 100 N. 17th St. One-story steel auditorium.
Owner—Cal. School of Mechanical Arts, 1750 17th St.
Contractor—J. Prout, 2530 Fillmore St.
Architect—William G. Merchant, Russ Bldg. \$10,000

DWELLING

(3108) E. 41st AVE. 75 N. Judah. One-story and basement frame dwelling.
Owner—Walter C. Coles, 636 33rd Ave.
Architect—Not given. \$4000

APARTMENTS

(3109) N.E. 27th AVE and Santiago. One-story frame apts.
Owner—Fred De Mille, 138 Erie St.
Architect—Not given. \$6000

ALTERATIONS

(3110) 1000 PINE ST. Alter apts.
Owner—J. and F. Hoegler, prem.
Contractor—Modernization Co. of Cal. 3601 Geary Blvd.
Architect—Not given. \$1650

DWELLING

(3111) S. W. ROUSSEAU and Alemany. One-story and basement frame dwelling.
Owner—Geo. Montie, 125 Remington Street.
Contractor—Al. Lansley, 59 Cayuga Street.
Architect—Not given. \$2000

ALTERATIONS

(3112) 1348 ELLIS ST. Alter flats.
Owner—Pierre Romiquiore, prem.
Architect—Fabre and Hilderbrand, 251 Kearny St. \$1000

FOUNDATION

(3113) HUBBELL, IRWIN, 7th and 8th Sts. Foundation for pump house.
Owner—Standard Oil Co. of Calif., 225 Bush St.
Architect—Not given. \$45,000

ALTERATIONS

(3114) 51 YERBA BUENA. Alter dwelling.
Owner—Carroll Stephens, prem.
Contractor—Chester Ballard, Oakland.
Architect—W. T. Stellberg, 85 Second St. \$1250

WAREHOUSE

(3115) 660 WASHINGTON, rear. Two-story class C warehouse.
Owner—Frank Yick, 670 Washington Street.
Architect—Frank W. Dakin, 625 Market St. \$2750

<p>DWELLING (3116) E. 14th AVE 350 S. Ulloa. One-story and basement frame dwelling. Owner—S. Anderson, 1433 7th Ave. Contractor—S. K. Anderson, 1433 7th Ave. Architect—C. O. Clausen, 746 46th Ave. \$3900</p>		<p>Contractor—D. B. Galdstone, 557 Market St. Architect—Farr & Ward, 68 Post St. \$8000</p>		<p>2372 Kivela Letter 3450 2373 MacGregor MacGregor 2200 2374 Schlosser Hunter 2800 2375 Actico Rose 2000 2376 Baker Owner 3000 2377 Croll Boddy 3800 2378 Klein Owner 5000 2379 Lapham Owner 8000 2380 Lohstroh Joseph 3500 2381 Robak Prunetti 1200 2382 Williams Johnston 6000</p>																																																																																																																																																																																																																					
<p>DWELLING (3117) E. 14th AVE. 325 S. Ulloa. One-story and basement frame dwelling. Owner—S. K. Anderson, 1433 7th Ave. Contractor—S. K. Anderson, 1433 7th Ave. Architect—C. O. Clausen, 746 46th Ave. \$3900</p>		<p>DWELLING (3128) W. 27th AVE. 175 N. Kirkham. One-story and basement frame dwelling. Owner—Carl Sorensen, 1379 Kansas. Contractor—Albert Bernhardt, 2406 22nd Ave. Architect—Donnell E. Jaekle, 126 Post St. \$3500</p>		<p>DWELLING (2320) 596 EUCLID, BERKELEY. Three-story 11 room frame dwelling and garage. Owner—Helen F. Byrne, 1421 Hearst Avenue. Contractor—Collins Hocker, 4988 Coronado. Architect—Not given. \$14,000</p>																																																																																																																																																																																																																					
<p>DWELLING (3118) E. 41st AVE 50 N. Judah St. One-story and basement frame dwelling. Owner—Walter P. Coles, 636 33rd Ave. Architect—Not given. \$4000</p>		<p>DWELLING (3129) N. STONECREST DRIVE, 110 W. Junipero Serra. Two-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$7000</p>		<p>DWELLING (2321) 1330 CAMPUS DRIVE, BERKELEY. One-story 5 room frame dwelling and garage. Owner and Builder—Gerald G. Pearce, 2548 Haste. Architect—Harry Dutton. \$3800</p>																																																																																																																																																																																																																					
<p>DWELLING (3119) E. SANTA CLARA 192 N. St. Francis Blvd. Two-story and basement frame dwelling. Owner—Dr. Victor Dillon, 1955 Broadway. Contractor—A. F. Mattock Co., 212 Clara St. Architect—Paul R. Williams, Los Angeles. \$17,000</p>		<p>DWELLING (3130) E. BEACHMONT DRIVE, 367 S. Sloat Blvd. Two-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5500</p>		<p>DWELLING (2322) 5776 HARBORD DRIVE, BERKELEY. One-story 5-room dwelling. Owner—O. R. Bosso, 1043 Ordway St., Albany. Contractor—E. Campomenosi, 6401 Broadway Terr. Architect—W. R. Yelland, Financial Center Bldg. \$6600</p>																																																																																																																																																																																																																					
<p>ALTERATIONS (3120) 1935-37 TAYLOR ST. Alter flat. Owner—Fignon Bros., 1935-37 Taylor Street. Contractor—F. Rossi, 1835 Stockton Street. Architect—Not given. \$1850</p>		<p>ALAMEDA COUNTY</p> <table border="0"> <thead> <tr> <th>No.</th> <th>Owner</th> <th>Contractor</th> <th>Amt.</th> </tr> </thead> <tbody> <tr><td>2320</td><td>Byrne</td><td>Hocker</td><td>14000</td></tr> <tr><td>2321</td><td>Pearce</td><td>Owner</td><td>3800</td></tr> <tr><td>2322</td><td>Bosso</td><td>Campomenosi</td><td>6500</td></tr> <tr><td>2323</td><td>Condues</td><td>Franzen</td><td>16000</td></tr> <tr><td>2324</td><td>Cunha</td><td>Heltman</td><td>2850</td></tr> <tr><td>2325</td><td>Fleisher</td><td>Haker</td><td>3650</td></tr> <tr><td>2326</td><td>Franks</td><td>Owner</td><td>1000</td></tr> <tr><td>2327</td><td>Garfinkle</td><td>Ortzo</td><td>2000</td></tr> <tr><td>2328</td><td>Hufschmidt</td><td>Owner</td><td>7000</td></tr> <tr><td>2329</td><td>Johnson</td><td>Johnson</td><td>3500</td></tr> <tr><td>2330</td><td>Lowe</td><td>Faten</td><td>6000</td></tr> <tr><td>2331</td><td>McCarthy</td><td>Owner</td><td>5000</td></tr> <tr><td>2332</td><td>McCarthy</td><td>Owner</td><td>5500</td></tr> <tr><td>2333</td><td>Morris</td><td>Christensen</td><td>1000</td></tr> <tr><td>2334</td><td>Perkins</td><td>Waldman</td><td>1000</td></tr> <tr><td>2335</td><td>Prelli</td><td>Owner</td><td>1200</td></tr> <tr><td>2336</td><td>Trimlett</td><td>Owner</td><td>4000</td></tr> <tr><td>2337</td><td>Heraty</td><td>Jensen</td><td>2500</td></tr> <tr><td>2338</td><td>Heraty</td><td>Jensen</td><td>3200</td></tr> <tr><td>2339</td><td>Heraty</td><td>Jensen</td><td>3800</td></tr> <tr><td>2340</td><td>Fisher</td><td>Owner</td><td>4000</td></tr> <tr><td>2341</td><td>Neighborhood</td><td>Owner</td><td>1500</td></tr> <tr><td>2342</td><td>Oletzky</td><td>Owner</td><td>3500</td></tr> <tr><td>2343</td><td>Weedman</td><td>MacLeod</td><td>2000</td></tr> <tr><td>2344</td><td>Loeb</td><td>Davies</td><td>4500</td></tr> <tr><td>2345</td><td>Fowle</td><td>Searle</td><td>2900</td></tr> <tr><td>2346</td><td>Grace Meth.</td><td>Owner</td><td>1500</td></tr> <tr><td>2347</td><td>Brower</td><td>Walker</td><td>7000</td></tr> <tr><td>2348</td><td>Gould</td><td>Owner</td><td>3000</td></tr> <tr><td>2349</td><td>Kohler</td><td>Coats</td><td>6000</td></tr> <tr><td>2350</td><td>Marshall</td><td>Owner</td><td>3000</td></tr> <tr><td>2351</td><td>Norton</td><td>Cabill</td><td>3000</td></tr> <tr><td>2352</td><td>Janln</td><td>Bertelsen</td><td>1200</td></tr> <tr><td>2353</td><td>Corso</td><td>Owner</td><td>1000</td></tr> <tr><td>2354</td><td>Beckett</td><td>Owner</td><td>5000</td></tr> <tr><td>2355</td><td>De Rungs</td><td>Owner</td><td>2500</td></tr> <tr><td>2356</td><td>McCorkle</td><td>Owner</td><td>7500</td></tr> <tr><td>2357</td><td>Roberts</td><td>Owner</td><td>3700</td></tr> <tr><td>2358</td><td>Rodrigo</td><td>Jordan</td><td>4000</td></tr> <tr><td>2359</td><td>Shiela</td><td>Corso</td><td>1500</td></tr> <tr><td>2360</td><td>Steltzner</td><td>McCure</td><td>5000</td></tr> <tr><td>2361</td><td>Wixom</td><td>Minney</td><td>3400</td></tr> <tr><td>2362</td><td>Brown</td><td>Hastings</td><td>2000</td></tr> <tr><td>2363</td><td>Johnson</td><td>Hoffman</td><td>4000</td></tr> <tr><td>2364</td><td>Medrose</td><td>Flagg</td><td>3000</td></tr> <tr><td>2365</td><td>Nothdurft</td><td>Ingram</td><td>3000</td></tr> <tr><td>2366</td><td>Osborne</td><td>Soder</td><td>4500</td></tr> <tr><td>2367</td><td>Pollard</td><td>Owner</td><td>3500</td></tr> <tr><td>2368</td><td>Smith</td><td>Lloyd</td><td>1100</td></tr> <tr><td>2369</td><td>Wlerson</td><td>Owner</td><td>5000</td></tr> <tr><td>2370</td><td>Chi</td><td>MacLean</td><td>1200</td></tr> <tr><td>2371</td><td>Emlay</td><td>MacGregor</td><td>2400</td></tr> </tbody> </table>		No.	Owner	Contractor	Amt.	2320	Byrne	Hocker	14000	2321	Pearce	Owner	3800	2322	Bosso	Campomenosi	6500	2323	Condues	Franzen	16000	2324	Cunha	Heltman	2850	2325	Fleisher	Haker	3650	2326	Franks	Owner	1000	2327	Garfinkle	Ortzo	2000	2328	Hufschmidt	Owner	7000	2329	Johnson	Johnson	3500	2330	Lowe	Faten	6000	2331	McCarthy	Owner	5000	2332	McCarthy	Owner	5500	2333	Morris	Christensen	1000	2334	Perkins	Waldman	1000	2335	Prelli	Owner	1200	2336	Trimlett	Owner	4000	2337	Heraty	Jensen	2500	2338	Heraty	Jensen	3200	2339	Heraty	Jensen	3800	2340	Fisher	Owner	4000	2341	Neighborhood	Owner	1500	2342	Oletzky	Owner	3500	2343	Weedman	MacLeod	2000	2344	Loeb	Davies	4500	2345	Fowle	Searle	2900	2346	Grace Meth.	Owner	1500	2347	Brower	Walker	7000	2348	Gould	Owner	3000	2349	Kohler	Coats	6000	2350	Marshall	Owner	3000	2351	Norton	Cabill	3000	2352	Janln	Bertelsen	1200	2353	Corso	Owner	1000	2354	Beckett	Owner	5000	2355	De Rungs	Owner	2500	2356	McCorkle	Owner	7500	2357	Roberts	Owner	3700	2358	Rodrigo	Jordan	4000	2359	Shiela	Corso	1500	2360	Steltzner	McCure	5000	2361	Wixom	Minney	3400	2362	Brown	Hastings	2000	2363	Johnson	Hoffman	4000	2364	Medrose	Flagg	3000	2365	Nothdurft	Ingram	3000	2366	Osborne	Soder	4500	2367	Pollard	Owner	3500	2368	Smith	Lloyd	1100	2369	Wlerson	Owner	5000	2370	Chi	MacLean	1200	2371	Emlay	MacGregor	2400	<p>APARTMENTS (2323) 704-06-08-10 JEAN STREET, OAKLAND. Two-story 20-room apartment. Owner—Mrs. Demetra Condues, 714 Jean St. Contractor—Carl H. Franzen, 883 54th St. Architect—Not given. \$16,000</p>	
No.	Owner	Contractor	Amt.																																																																																																																																																																																																																						
2320	Byrne	Hocker	14000																																																																																																																																																																																																																						
2321	Pearce	Owner	3800																																																																																																																																																																																																																						
2322	Bosso	Campomenosi	6500																																																																																																																																																																																																																						
2323	Condues	Franzen	16000																																																																																																																																																																																																																						
2324	Cunha	Heltman	2850																																																																																																																																																																																																																						
2325	Fleisher	Haker	3650																																																																																																																																																																																																																						
2326	Franks	Owner	1000																																																																																																																																																																																																																						
2327	Garfinkle	Ortzo	2000																																																																																																																																																																																																																						
2328	Hufschmidt	Owner	7000																																																																																																																																																																																																																						
2329	Johnson	Johnson	3500																																																																																																																																																																																																																						
2330	Lowe	Faten	6000																																																																																																																																																																																																																						
2331	McCarthy	Owner	5000																																																																																																																																																																																																																						
2332	McCarthy	Owner	5500																																																																																																																																																																																																																						
2333	Morris	Christensen	1000																																																																																																																																																																																																																						
2334	Perkins	Waldman	1000																																																																																																																																																																																																																						
2335	Prelli	Owner	1200																																																																																																																																																																																																																						
2336	Trimlett	Owner	4000																																																																																																																																																																																																																						
2337	Heraty	Jensen	2500																																																																																																																																																																																																																						
2338	Heraty	Jensen	3200																																																																																																																																																																																																																						
2339	Heraty	Jensen	3800																																																																																																																																																																																																																						
2340	Fisher	Owner	4000																																																																																																																																																																																																																						
2341	Neighborhood	Owner	1500																																																																																																																																																																																																																						
2342	Oletzky	Owner	3500																																																																																																																																																																																																																						
2343	Weedman	MacLeod	2000																																																																																																																																																																																																																						
2344	Loeb	Davies	4500																																																																																																																																																																																																																						
2345	Fowle	Searle	2900																																																																																																																																																																																																																						
2346	Grace Meth.	Owner	1500																																																																																																																																																																																																																						
2347	Brower	Walker	7000																																																																																																																																																																																																																						
2348	Gould	Owner	3000																																																																																																																																																																																																																						
2349	Kohler	Coats	6000																																																																																																																																																																																																																						
2350	Marshall	Owner	3000																																																																																																																																																																																																																						
2351	Norton	Cabill	3000																																																																																																																																																																																																																						
2352	Janln	Bertelsen	1200																																																																																																																																																																																																																						
2353	Corso	Owner	1000																																																																																																																																																																																																																						
2354	Beckett	Owner	5000																																																																																																																																																																																																																						
2355	De Rungs	Owner	2500																																																																																																																																																																																																																						
2356	McCorkle	Owner	7500																																																																																																																																																																																																																						
2357	Roberts	Owner	3700																																																																																																																																																																																																																						
2358	Rodrigo	Jordan	4000																																																																																																																																																																																																																						
2359	Shiela	Corso	1500																																																																																																																																																																																																																						
2360	Steltzner	McCure	5000																																																																																																																																																																																																																						
2361	Wixom	Minney	3400																																																																																																																																																																																																																						
2362	Brown	Hastings	2000																																																																																																																																																																																																																						
2363	Johnson	Hoffman	4000																																																																																																																																																																																																																						
2364	Medrose	Flagg	3000																																																																																																																																																																																																																						
2365	Nothdurft	Ingram	3000																																																																																																																																																																																																																						
2366	Osborne	Soder	4500																																																																																																																																																																																																																						
2367	Pollard	Owner	3500																																																																																																																																																																																																																						
2368	Smith	Lloyd	1100																																																																																																																																																																																																																						
2369	Wlerson	Owner	5000																																																																																																																																																																																																																						
2370	Chi	MacLean	1200																																																																																																																																																																																																																						
2371	Emlay	MacGregor	2400																																																																																																																																																																																																																						
<p>DWELLING (3121) W. LANDSDALE AVE. 173 N. Bengal Alley. Two-story and basement frame dwelling. Owner—W. O. Lang, 39 Sutter St. Contractor—O. K. Holt, 3957 Army Street. Architect—Harold G. Stoner, 251 Kearny St. \$5000</p>		<p>DWELLING (2324) 1526 HAVENSCOURT BLVD., OAKLAND. One-story 5-room dwelling. Owner—A. L. Cunha. Contractor—L. E. Heltman, 13070 Broadway Terrace. One-story garage, \$250. Architect—Not given. \$2850</p>																																																																																																																																																																																																																							
<p>ALTERATIONS (3122) 52 KEARNY ST. Alter restaurant. Owner—Mackey's, premises. Contractor—Mullen Mfg. Co., 60 Rausch St. Architect—Not given. \$1000</p>		<p>DWELLING (2325) 21 WYMAN PLACE, OAKLAND. One-story 5-room dwelling. Owner—Mrs. L. J. Fielsher, 27 Wyman Place. Contractor—Fred Harker, 3142 Jordan Road. Architect—Not given. \$3600</p>																																																																																																																																																																																																																							
<p>ALTERATIONS (3123) 75 SANTA MARINO. Alter dwelling. Owner—N. Mullen, c/o cont. Contractor—Ira W. Coburn, 2048 Market St. Architect—Not given. \$1000</p>		<p>ALTERATIONS (2326) 6508 MOKELUMNE AVEUNE, OAKLAND. Alter. Owner and Builder—Antone Franks, 6508 Mokelumne Ave. Architect—Not given. \$1000</p>																																																																																																																																																																																																																							
<p>DWELLING (3124) E. 21st AVE. 175 S. Judah St. Two-story and basement frame dwelling. Owner—Herman Christensen, 1801 19th Ave. Architect—C. O. Clausen, 746 46th Ave. \$7000</p>		<p>ALTERATIONS (2327) 1107-09 CLAY ST., OAKLAND. Alter. Owner—Sam Garfinkle, 1101 Clay St. Contractor—Golden & Ortzo, 344 13th Street. Architect—Not given. \$2000</p>																																																																																																																																																																																																																							
<p>ALTERATIONS (3125) 1450 CASTRO ST. Alter apts. Owner—R. E. Ebey, premises. Contractor—Home Owners' Imp. Co., 3815 Geary St. Architect—Not given. \$1000</p>		<p>DWELLING (2328) 467 FLORENCE AVENUE, OAKLAND. One-story 6-room dwelling. Owner and Builder—Hufschmidt & Whalen, 359 17th St. Architect—Not given. \$7000</p>																																																																																																																																																																																																																							
<p>DWELLING (3126) W. SANTA PAULA 160 S. Yerba Buena. Three-story and basement frame dwelling. Owner—D. B. Galdstone, 557 Market Street,</p>		<p>DWELLING (2329) 2685 74th AVE., OAKLAND. One-story 5-room dwelling. Owner—M. H. Johnson,</p>																																																																																																																																																																																																																							

- Contractor—Elmer Johnson, 6127 Foothill Blvd.
One-story garage, \$150.
Architect—Not given. \$3500
- DWELLING**
(2330) 5946 COLTON BLVD., OAKLAND. Two-story 5-room dwelling.
Owner—John R. Lowe, 704 Beattie Street.
Contractor—Fred Taten, 5237 Miles Ave.
Architect—Not given. \$6000
- DWELLING**
(2331) 3031 DAVIS ST., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Daniel McCarthy, 3155 64th Ave.
Architect—Not given. \$5000
- DWELLING**
(2332) 3009 DAVIS ST., OAKLAND. One-story 5-room dwelling.
Owner—Kathleen McCarthy, 2647 Fruitvale Ave.
Contractor—Daniel McCarthy, 2647 Fruitvale Ave.
Architect—Not given. \$5500
- (2333) 300 ELMWOOD AVE., OAKLAND. Washrack shed.
Owner—Morris Draying Co., 3000 Elmwood.
Contractor—H. J. Christensen, 1955 Webster.
Architect—Alben Froberg. \$1000
- DWELLING**
(2334) 2900 98th AVE., OAKLAND. One-story dwelling.
Owner—B. A. Perkins, 1704 96th Ave.
Contractor—A. E. Waldman, 5409 Foothill Blvd.
One-story garage, \$250.
Architect—Not given. \$4000
- STORE**
(2335) 9818 E. 14th ST., OAKLAND. One-story frame store.
Owner—Peter Prell, 9824 E. 14th St.
Architect—Not given. \$1200
- DWELLING**
(2336) 3600 LUNDHOLM AVENUE, OAKLAND. One-story 5-room dwelling.
Owner and Builder—Robert Trimlett, 736 Lincoln Ave., Alameda.
Architect—Not given. \$4000
- DWELLING**
(2337) 5836 FLORENCE AVE., OAKLAND. One-story 4-rm. dwelling.
Owner—Phil Heraty, 488 Fairbanks Ave., Oakland.
Contractor—Harry K. Jensen, 2757 Rawson St., Oakland.
Architect—Not Given. \$2,500
- DWELLING**
(2338) 5832 FLORENCE AVE., OAKLAND. One-story 4-rm. dwelling.
Owner—Phil Heraty, 488 Fairbanks Ave., Oakland.
Contractor—Harry K. Jensen, 2757 Rawson St., Oakland.
Architect—Not Given. \$3,200
Also garage, \$200.
- DWELLING**
(2339) 5840 FLORENCE AVE., OAKLAND. Two-story 5-rm. dwelling.
Owner—Phil Heraty, 488 Fairbanks Ave., Oakland.
Contractor—Harry K. Jensen, 2757 Rawson St., Oakland.
Architect—Not Given. \$3,800
Also garage, \$200.
- DWELLING**
(2340) 2327 DARTWOOD AVE., OAKLAND. Two-story 6-rm. dwelling.
- Owner—C. R. Tisher, 6127 Foothill. Architect—Not Given. \$4,000
- ADDITION**
(2341) 6119 TRENOR ST., OAKLAND. Addition.
Owner—Neighborhood Church of C. & M. A., 6119 Trenor Street.
Architect—Not Given. \$1,500
- DWELLING**
(2342) 4643 FAIR AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—E. H. Oletzky, 4412 Masterson Street.
Architect—Not Given. \$3,500
- WAREHOUSE**
(2343) 306 MARKET ST., OAKLAND. One-story brick warehouse.
Owner—Peter Weedman, 306 Market.
Contractor—N. MacLeod, 571 Spruce.
Architect—Not Given. \$2,000
- DWELLING**
(2344) 1932 108th AVE., OAKLAND. One-story 5-room dwelling.
Owner—John J. Losh.
Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.
Architect—Not Given. \$4,500
Also 1-story garage, \$200.
- DWELLING**
(2345) 1244 MOUNTAIN BOULEVARD, OAKLAND. One-story five-room dwelling.
Owner—G. B. Fowle.
Contractor—Chas. G. Searle, 201 Capricorn Ave.
Architect—Not Given. \$2,900
- (2346) 2385 103rd AVE., OAKLAND. Alterations and addition.
Owner—Grace Methodist Church, 2355 103rd Avenue.
Architect—Not Given. \$1,500
- (2347) 1544 CAMPUS DRIVE, BERKELEY. One-story 6 room frame dwelling.
Owner—Wm. Brower, 401 Spruce.
Contractor—J. M. Walker, 401 Spruce.
Architect—Not given. \$7000
- DWELLING**
(2348) 2435 EDWARDS, BERKELEY. One-story 5 room frame dwelling and garage.
Owner and Builder—Gould & Kane, Inc., 1519 Solano.
Architect—B. R. Hardman, Berkeley. \$3000
- DWELLING**
(2349) 2965 SHASTA, BERKELEY. One-story 5 room frame dwelling and garage.
Owner—Dr Kent Kohler, Hardy St., Oakland.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland.
Architect—Not given. \$6000
- DWELLING**
(2350) 925 CERRITO, ALBANY. One-story 5 room frame dwelling.
Owner and Builder—H. E. Marshall, 1230 Marin.
Architect—Not given. \$3000
- DWELLING**
(2351) 2827 WOOLSEY, BERKELEY. Two-story 6 room frame dwelling and garage.
Owner—W. W. Norton, 2827 Woolsey.
Contractor—Cahill Bros., 206 Sansome, S. F.
Architect—Not given. \$3000
- ALTERATIONS**
(2352) 51 EL CAMINO REAL, Berkeley. Alterations.
Owner—L. Janin, 35 Highland Ave.
Contractor—S. J. Bertlesen, 30 Estrada Ave.
Architect—Not given. \$1200
- ALTERATIONS**
(2353) 1625, 27, 29 7th AVE., OAKLAND. Anter to apts.
Owner and builder—Frank Corso, 6005 East 14th St.
Architect—Not given. \$1000
- DWELLING**
(2354) 6028 BUENA VENTURA AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Not given. \$5000
- DWELLING**
(2355) 1251 62nd AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—Geo. De Rungs, 9111 East 14th St.
One-story garage, \$200.
Architect—Not given. \$2500
- DWELLING**
(2356) 9111 HILLCROFT CIRCLE, OAKLAND. Two-story, 7-room dwelling.
Owner and Builder—J. F. McCorkle, 832 Erie St.
Architect—L. M. Johnson, 2219 7th Ave. \$7500
- DWELLING**
(2357) 1909 MAGELLAN DR., OAKLAND. One-story, 5-room dwelling.
Owner—C. E. Roberts, 425 North St.
Contractor—M. Jordan, 979 Mountain Blvd.
Architect—Not given. \$3700
- DWELLING**
(2358) 6085 COLTON BLVD., OAKLAND. One-story, 5-room dwelling.
Owner—J. Rodrigo, 5964 Buena Vista Ave.
Contractor—M. Jordan, 979 Mt. Blvd.
Architect—PP. H. Hammarberg, Berkeley. \$4000
- ALTERATIONS**
(2359) 1621 7th AVE., OAKLAND. Alter to apts.
Owner—Letha Shliehe, 1621 7th Ave.
Contractor—Frank Corso, 6005 East 14th St.
Architect—Not given. \$1500
- REPAIRS**
(2360) 3798 HARRISON ST., OAKLAND. Fire repairs and alter to apts.
Owner—A. G. Steltzner.
Contractor—S. & J. S. McClure Co., 506 Romona St., Albany.
One-story garage, \$500.
Architect—Not given. \$5000
- DWELLING**
(2361) 7548 VALENTINE STREET, OAKLAND. One-story, 5-room dwelling.
Owner—W. W. Wixon, Oakland.
Contractor—Ernest T. Minney, 8144 Foothill Blvd.
Garage, \$200.
Architect—Not given. \$3400
- ALTERATIONS**
(2362) 2249 62nd AVE., OAKLAND. Alter and add.
Owner—H. Brown, 2249 62nd Ave.
Contractor—Geo. A. Hastings, 1963 89th Ave.
Architect—Not given. \$2000
- DWELLING**
(2363) 8207 GOLF LINKS ROAD, Oakland. One-story, 5-room dwelling.
Owner—John & Martha Johnson, 2460 78th Ave.
Contractor—E. F. Hoffman, 7405 Foothill Blvd.
Architect—Not given. \$4000

DWELLING
(2364) 2338 83rd AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—A. J. Medrose, 2300 83rd Ave.
Contractor—J. S. Flagg, 4533 Marcom Ave.
One-story garage, \$500.
Architect—Not given. \$3000

DWELLING
(2365) 2721 TRUMAN AVE., OAKLAND. One-story, 4-room dwelling.
Owner—John F. Nothdurft, 2767 26th Ave.
Contractor—Chas. B. Ingram, 10020 Burr St.
Architect—Not given. \$3000

DWELLING
(2366) 4623 DAVENPORT AVENUE, OAKLAND. One-story, 5-room dwelling.
Owner—Leroy Osborne.
Contractor—Oscar Soder, 4335 Sequoyah Rd.
Architect—Not given. \$4500

DWELLING
(2367) 4839 HARBORD DRIVE, OAKLAND. Two-story, 5-room dwelling.
Owner and Builder—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—Not given. \$3500

SHOP
(2368) 4143 HOPKINS ST., OAKLAND. One-story shop.
Owner—Frank P. Smith, 1311 San Antonio Ave., Alameda.
Contractor—J. A. Lloyd, 4017 East 15th St.
Architect—Not given. \$1100

DWELLING
(2369) 1720 65th AVE., OAKLAND. Two-story, 7-room dwelling.
Owner and Builder—P. L. Wiersma, 1157 71st Ave.
One-story garage, \$300.
Architect—Not given. \$5000

ADDITIONS
(2370) 2462 LE CONTE, BERKELEY. Additions.
Owner—The Chi Fraternity, prem.
Contractor—C. C. MacLear, 78 Rio Vista Ave., Oakland.
Architect—Not Given. \$1,200

DWELLING
(2371) 1246 PORTLAND, ALBANY. One-story 4-rm. frame dwelling.
Owner—Dorothy M. Emlay, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano Ave.
Architect—Not Given. \$2,400

(2372) 1131 CHAUCER, BERKELEY. One-story 5-rm. frame dwelling and garage.
Owner—W. A. Kivela.
Contractor—J. E. Leiter, Colma.
Architect—Not Given. \$3,450

DWELLING
(2373) 625 TALBOT, ALBANY. One-story 4-room frame dwelling.
Owner—Leighton D. MacGregor, 1391 Solano Ave.
Contractor—C. M. MacGregor, 1391 Solano Ave.
Architect—Not Given. \$2,200

DWELLING
(2374) 725 STANNAGE, ALBANY. One-story 4-rm. frame dwelling.
Owner—Fred Schlosser, 962 44th St., Oakland.
Contractor—J. R. Hunter, 2356 25th Ave., Oakland.
Architect—Not Given. \$2,500

REPAIRS
(2375) 390 14th ST., OAKLAND. Fire repairs.

Owner—Actico Bldg. Co., 14th and Franklin Streets.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$2,000

DWELLING
(2376) 2344 88th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—W. J. Baker, 2255 Ransome Ave.
Architect—Not Given. \$3,000

DWELLING
(2377) 7612 STERLING DR., OAKLAND. One-story 5-rm. dwelling
Owner—W. A. Croll, 5851 Brann St.
Contractor—W. A. Boddy, 6409 Hillmont Drive.
Architect—Not Given. \$3,800

DWELLING
(2378) 488 FLORENCE AVE., OAKLAND. One-story 6-rm. dwelling
Owner and Builder—Matthew Klein, 4071 Oakmore Road.
Architect—Not Given \$5,000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

367 P. G. & E. Anchor 96065
368 Dillon Mattock 17618
369 P. G. E. Pac. Bridge 11927

FENCES
(367) OWNER'S ISLAND, S. F., & Mole Substation, Alameda Co. Enclosure fences.
Owner—P. G. & E., 454 Sutter St.
Contractor—Anchor Post Fence Co., 460 5th St.
Filed Sept. 22, '38. Dated Sept. 17, '38. 30 days after completion.
TOTAL, \$960.65
Bond, \$960.65. Sureties, Fidelity & Deposit Co. of Maryland. Limit 7 days. Plans and specifications filed.

DWELLING
(368) E. SANTA CLARA 192 N. St. Francis Blvd. Two-story and basement frame dwelling.
Owner—Dr. and Mrs. Victor Dillon, 1955 Broadway.
Architect—Paul R. Williams, 3839 Wilshire Blvd., L. A.
Contractor—A. F. Mattock Co., 212 Clara St., S. F.
Filed Sept. 22, '38. Dated Sept. 26, '38. F.H.A. Sched. payments.
TOTAL, \$17,618.75
Specifications and plans filed.

PIPE GAS LINE
(369) KEY SYSTEM MOLE TO Treasure Island, 11,000 ft. of steel pipe gas line.
Owner—P. G. & E. Co., 445 Sutter Street.
Contractor—Pacific Bridge Co., 333 Kearny St.
Filed Sept. 27, '38. Dated Aug. 29, '38. Each month 85%
Usual 35 days 15%
TOTAL, \$11,927.4
Bond, \$11,927. Sureties, Fidelity & Deposit Co. of Maryland. Limit 45 days. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

226 Bk. of Amer. Fitzmaurice 1211
227 P. G. & E. Anchor Post 960
228 Waite Potter 4000
229 Murray Knight 7400
230 Thomas Guaranty 3760
231 Sprouse Bertelsen 24874

ALTERATIONS
(226) SEMINARY AND WALNUT AVES., OAKLAND. Concrete work for alteration and additions to Branch Bank.
Owner—Bank of America Nat. Tr. and Sav. Assn., premises.

Contractor—J. H. Fitzmaurice, 2857 Hannah St.
Filed Sept. 23 '38. Dated Sept. 13, '38. First and 15th, lab. and mat. 75%
Usual 35 days 25%
TOTAL, \$1211.00
Bond, \$1211.00. Sureties, Fidelity & Deposit Co., Maryland. Forfelt, \$20 per day. Limit 30 days. Plans and specifications filed.

FENCE
(227) OWNER'S ISLAND, S. F. CO. and Mole Substation, Alameda County. Install fence.
Owner—F. G. & E.
Contractor—Anchor Post Fence Co., 460 5th St., S. F.
Filed Sept. 23, '38. Dated Sept. 17, '38. Payment in full within 30 days.
TOTAL \$960.65
Bond, \$960.65. Sureties, Fidelity & Deposit Co. of Maryland. Limit 1 week. Plans and specifications filed.

DWELLING
(228) S.E. COR. LOMA VISTA and California Sts. Six-room dwelling.
Owner—Wm. Waite.
Contractor—A. W. Potter & Sons.
Filed Sept. 26, '38. Dated June 9, '38
Foundation in \$800.00
Frame up \$800.00
Brown Plastered \$800.00
Completion \$800.00
Usual 35 days \$800.00
TOTAL, \$4000.00
Limit 90 days.

RESIDENCE
(229) E. SIDE REGENT ST. 220 ft. So. of Otis Drive, Alameda. Residence and garage.
Owner—Thos. H. & Margaret G. Murray.
Architect—F. H. Slocombe.
Contractor—Harry C. Knight, 1435 Harrison St., Oakland.
Filed Sept. 27, '38. Dated Sept. 8, '38. \$1000 when deed placed in escrow. Balance when loan obtained on property.
TOTAL, \$7400.00
Limit 75 days. Plans and specifications filed.

DWELLING
(230) LOT 23 BLOCK 21, Iveywood Ext., Oakland. One-story frame and stucco dwelling.
Owner—Raymond R. and Marjory H. Thomas.
Architect—Not Given
Contractor—Guaranty Home Building Co., 3275 Marcom Ave., Oakland.
Filed and Dated, Sept. 27, 1938.
Roof on \$925
Brown coated 925
Completed 925
Usual 35 days 925
TOTAL COST, \$3700
Limit, 60 days.

DWELLING
(231) LOT 189. ST. JAMES Wood, Piedmont. Two-story and basement dwelling and garage.
Owner—R. A. Sprouse, 244 Lakeside Drive.
Architect—Miller and Warnecke, Financial Center Bldg.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.
Filed and Dated, Sept. 28, 1938.
1st floor sub-floor in place \$4664
Roof on 4664
Plastered 4664
Completed 4664
Usual 35 days 5970
One year after completion 248
TOTAL COST, \$24,874
Bond, \$24,874. Sureties, Central Surety and Iris Corp. Limit, 120 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Contract Awarded
APARTMENTS Cost, \$17,000
SAN FRANCISCO. NE COR. Villa Terrace and Pemberton Place. Two-story frame and stucco apartment house containing 4 apts.)
 Owner—W. S. Ramano.
 Architect—Albert H. Larsen, 333 Kearny Street.
 Contractor—Paul A. Wolter, 90 Ravenwood Drive.

Plans Being Figured
APARTMENTS Cost, \$20,000
EUREKA. Humboldt Co., Calif. "H" and 13th Streets.

Two-story frame and stucco apartment house (composition shingle roof, hardwood floors, tile baths, oil burning gas - fired heating system, etc.

Owner—Mrs. Charlotte Lundblad.
 Architect—H. C. Baumann, 251 Kearny Street, San Francisco.

Plans are now being figured by a selected list of contractors.

6—GARAGES & SERVICE STATIONS

Being Done By Day's Work.
SERVICE STATION Cost, \$.....
RED BLUFF. Tehama Co., Cal. Main and Cedar Streets.

Gasoline service station.
 Owner—Gilmore Oil Company.
 Plans by Engr. Dept. of Owner.
 (751) 6

7—FEDERAL BUILDINGS

Add. Sub Contracts Awarded
PALO ALTO. Santa Clara Co., Cal.—James I. Barnes Construction Co., Builders' Exchange Building, Santa Monica, awarded the following additional sub contracts for Infirmary Bldg., No. 137, at the Veterans' Administration Facility, Palo Alto.
Hollow Metal—Aetna Steel Products Co., Brooklyn, N. Y.

Metal Cabinets—Bradfield Building, Products Co., 619 E. Third St., Los Angeles.

Plumbing & Heating—A. L. Elcholz. Electric Wiring—Erskine Elec. Wks., Middlefield Rd., at 5th Ave., Redwood City.

Glass & Glazing—W. P. Fuller Co. Steel Sheaving—General Fireproofing Co., 534 Fourth St., S. F.

Structural Steel—Herrick Iron Wks., 1729 Campbell St., Oakland.

Screens—Orange Screen Co., Maplewood, N. J.

Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland. Granite—Madera Quarries. Cement—Pacific Portland Cement Company.

Interior Tiles—Thomas H. Price Co., 90 Vine St., San Jose.

Roofing—R. L. Roofing Co., 721 El Camino Real, Palo Alto. Sand & Gravel—Rhodes & Robinson. Terrazzo—Salt Lake City Terrazzo Co., Salt Lake City, Utah.

Form Lumber—Santa Fe Lumber Co. Misc. & Ornamental Iron—Southgate Iron Works.

Plastering—Southwest Plaster Co. Sheet Metal—Stanford Sheet Metal Works, 815 High St., Palo Alto.

Asphalt & Rubber Tile Floors—Turner Resilient Floors, Inc., 141 New Montgomery St., S. F.
 Sub contracts previously awarded published Sept. 9.

CONTRACT AWARDED
SAN DIEGO. Cal.—V. D. Dennis Const. Co., 3911 Fifth Ave., San Diego, at \$11,900 awarded contract by the 11th Naval District for driving foundation piles for combined mess hall-galley-barracks building for the Fleet School Bldg., at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8899. 7

CONTRACT AWARDED
SAN FRANCISCO.—West Coast Linoleum & Carpet Stores, 1163 Market St., at \$2,375 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing materials and performing work for linoleum flooring at the U. S. Custom House, San Francisco.

MATERIALS APPROVED
EUGENE. Ore.—Treasury Department has approved following building material and equipment awards for construction of the U. S. P. O. at Eugene, Ore.; George Isackson Co., contractor: Plumbing fixtures, Crane Co.; pressure reducing valve on water supply, Mueller Co.; back-water valves, Josam Mfg. Co.; back-water cesspool, Thos. F. Butler Co.; brass pipe, Revere Brass & Copper Co.; boilers, Fitzgibbons Boiler Co.; vacuum pumps, Chicago Pump Co.; thermostatic traps, Sterling Engr. Co.; float and thermostatic traps, Sterling Engr. Co.; angle radiator valves tube and wall radiators, Crane Co.; electric water coolers, Halsey W. Taylor Co.; rubber-covered wire, Hazard Insulated Wire Works; receptacles, Arrow-Hart & Heeman Elec. Co.; lighting fixtures, Perfeelite Co. 7

CONTRACT AWARDED
KETCHIKAN. Alaska.—Moline Furniture Co., 111 2nd St., Moline, Ill., at \$1,800 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for changes in Judge's room and library and changes in witness stand for the U. S. P. O. Court House, Custom House and Jail at Ketchikan.

CONTRACT AWARDED
ABERDEEN. Wash.—Pinckney Plumbing and Heating Co., 107 So. G Street, Aberdeen, at \$4,045 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new heating boiler, etc., at the U. S. P. O. at Aberdeen, Wash. 7

BIDS OPENED

SAN FRANCISCO.—Van Arsdale-Harris Lumber Co., Inc., 5th and Brannan St., at \$92,40 submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-96, for furnishing and installing acoustical tile on the ceilings of the Power and Fan Rooms of the Power Room structure at Battery Davis, Fort Funston, Calif.

Only other bid submitted by Western Asbestos Co., at \$1,450.

CONTRACT AWARDED

SAN FRANCISCO.—Meyer Const. Co., 735 Portola Drive, at \$288,139 awarded contract by the War Department, Washington, D. C., for construction and completion of nineteen double N. C. O. Quarters at Presidio of San Francisco.

MATERIALS APPROVED

COLVILLE. Wash.—Treasury Department has approved the following bldg material and equipment awards for the construction of new partitions in the basement of the U.S.P.O. at Colville: Neuman Bros., contractors: Electric water cooler, Nash-Kelvinator Corp.; non - conducting covering for plumbing and heating, Johns - Manville Co.; angle radiator valves, James P. Marsh Co. 7

BIDS REJECTED

SACRAMENTO. Calif.—Procurement Division, Public Buildings Branch, Wash., D. C., rejected all bids for painting plaster, etc., (old Portons) in the U. S. Post Office and Court House at Sacramento.

Specifications will be revised and work readvertised. Pac. Painting and Decorating Co., Oakland, at \$3,388 submitted previous low bid.

MATERIALS APPROVED

SACRAMENTO. Cal.—The Treasury Department has approved the following equipment award for construction of the U. S. P. O. at Sacramento: Luppen & Hawley, contractor:

Compressors with 7½-h.p. motors, Kraisel Co. 7

LOW BIDDERS

RIVERSIDE. Riverside Co., Calif.—R. A. Klamp, Riverside, at \$14,566, submitted low bid to the Department of Agriculture, Washington, D. C., for furnishing and installing mechanical equipment for the U. S. Regional Salinity Laboratory at Riverside, Bureau of Plant Industry.

Work includes gas-fired high and low pressure boilers, storage water heaters, air washers, fans, pumps, motors, compressors, electric switchboards, electric wiring, controls, gas and water piping, plumbing, steam-fitting, metal duct system, and all appurtenant contiguous parts necessary to a complete mechanical installation.

Second low bid submitted by Economy Plumbing and Heating Co., Long Beach, at \$15,700.

BIDS OPENED

ALCATRAZ ISLAND. Calif.—Pacific Electrical Mfg. Co., 267 12th St., Richmond, at \$3,153-90 days, submitted only bid to the Bureau of Prisons, U. S. Penitentiary, Alcatraz for erecting steel grating partitions and steel window guards of tool-resisting steel in and on Bldg. 68, U. S. Penitentiary, Alcatraz; Spec. 63.

Prospective Bidders
POSTOFFICE. Est. cost, \$75,000
LOS BANOS, Merced, Calif.
 Construction of U. S. Post Office.
 Owner—U. S. Government.
 Plans prepared by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C.
 As previously reported, bids will be opened Sept. 30, 1 P. M.

Following have taken out plans:
 James I. Barnes Constr. Co., Builders Exchange Bldg., Santa Monica.
 Robt. McCarthy, 1363 14th Ave., San Francisco.

F. C. Solte, 1405 San Antonio Ave., Alameda, Calif.
 Daniel J. Patton, Anber & Tioga Sts., Phila., Pa.

J. Burton Henry, 1922 Brandywine St., Phila., Pa.
 Schulz & McDonald, Inc., 1719 16th St., Oakland, Calif.

W. F. Stewart, Santa Fe, New Mexico.

Alliance Engineers, Inc., Chamber of Commerce Building, Los Angeles.
 The Brandt Co., P. O. Box 1093, Fort Worth, Texas.

Clyde G. Jones, P. O. Box 877, Los Banos, Calif.

BIDS OPENED

PALO ALTO, Santa Clara Co., Cal.
 Following submitted bids to the Veterans Admin. Facility, Wm. H. Radcliffe, Supv. Supt. of Construction, Palo Alto, under Bid No. 54-39-6, for furnishing (1) two cast iron thresholds; (2) one bronze do; for Vets. Admin. Facility, Reno, Nev. Wooster Products Co., Wooster, Ohio, (1) \$4.52; (2) \$17.78; total, \$22.30; 1/2 of 1% 10 days.

American Abrasive Metals Co., San Francisco, (1) \$6.40; (2) \$17.80; total \$24.20; 1% 10 days.

Safety Tread Co., New York, (1) \$12.20; (2) \$24.44; total, \$36.64; 1% 10 days.

American Safety Tread Co., Lowell, (1) \$7.20; (2) \$22; total, \$29.20; 2% 10 days.

Enterprise Foundry Co., San Francisco, total, \$98; net. * 7

BIDS WANTED

SAN FRANCISCO.—Until Oct. 26, 10:00 A. M. bids will be received by the War Department, Office of the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, Calif., for construction of one 250 men barracks and one 263 men barracks.

Plans obtainable upon deposit of certified check in the amount of \$25 payable to the Finance Officer, Fort Mason, Calif.

Bids must be accompanied by bid bond in the amount of 10% of bid.

BIDS WANTED

CANAL ZONE.—Until Oct. 26, 11 A. M., (postponed from Sept. 28), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for twenty-four apartment houses, four quarters for officers and two transformer houses at the Naval Submarine and Fleet Air Bases, Coco Solo, C. Z., and at the fifteenth Naval District Headquarters, Balboa, C. Z. Est cost, \$720,000.

The bids. will be of concrete construction with wood framing for roofs. The work will include wood piles, concrete units, steel and iron work, roofing and sheet metal work, masonry and metal covered doors, metal louvers, metal shower compartments, cement mortar plaster, asphalt tile flooring, carpentry and joinery, screeing, hardware, glazing,

painting, and plumbing and electrical systems. Spec. 8843.

Drawings and specifications may be obtained from the Bureau or from the Commandant, Fifteenth Naval District, Balboa, C. Z., upon deposit of check or postal money order for \$50, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

SAN FRANCISCO.—Until October 21, bids will be received by the Procurement Division, Public Buildings Branch, Wash., D. C., for heating and ventilating repairs at the U. S. Post Office and Court House at San Francisco.

Drawings and specifications obtainable from the above office.

BIDS OPENED

RENO, Nev.—I. Christensen, 1311 Terrace Drive, Reno, at \$1273.60 submitted low bid to the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif., for providing, installing and finishing complete, cement floor topping (approx. 8300 sq. ft.) in Treatment Building No. 1, Veterans' Administration Facility, Reno.

Only other bid submitted by J. W. Newman, Sparks, Nevada, at \$1345.20.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 14, 11 A. M., bids will be received by the War Department, Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the fabrication of eleven portable demountable buildings for CCC camps in the Ninth Corps Area.

Plans and specifications obtainable from the above office upon deposit of \$10.00 certified check, payable to Quartermaster, Ninth Corps Area. (778) * 7

9— HOSPITALS

Funds Asked

WILLOWS, Glenn Co., Calif.
 One-story reinf. conc. county hospital to accommodate about 25 beds.

Owner—County of Glenn.
 Architect—George C. Sellon, California State Life Bldg., Sacramento

A special election will be held Sept. 30 to approve above project. Application has been filed for PWA grant of \$33,750; balance of funds to be raised through tax levy.

Bids Opened

ADDITION.
SONORA, Tuolumne Co., Calif.
 Two-story concrete addition to present County Hospital.

Owner—County of Tuolumne.
 Architect—William Mooser, 244 Kearny St., S. F.

Low Bidder: A. T. Beckett, 224 Scenic Drive, Piedmont, \$46,264.

Complete bids follow:
 A. T. Beckett, Piedmont, \$46,264.
 W. C. Tait, S. F., \$48,950.

H. H. Henning, Stockton, \$49,353.
 O. J. Scherer, Angels Camp, \$53,400.

BIDS OPENED

SAN FRANCISCO.—J. W. Bender Roofing & Paving Co., 18th and Bryant Sts., at \$119 submitted low bid to the Dept. of Public Works, City Hall, for waterproofing of brickwork above the 7th floor of the Matermity Wing at San Francisco Hospital, Potrero Avenue and 22nd St.

Only other bid submitted by Aristo Paint Co., at \$223.
 (731) 1st rep. Sept. 22, 1938. * 9

10— HOTELS

Bids Opened

WATER TANK Cost, \$.....
FRESNO, Fresno Co., Calif.
 Concrete and steel water storage tank.

Owner—City of Fresno, c/o Harry Foster, City Hall, Fresno.

Plans by Fresno City Engr. Dept. Recommendation made that contract be awarded Chicago Bridge and Iron Works, at \$68,080 for steel tank.

Bids received for (A) steel tank and (B) concrete tank.

Complete bids follow:
 Chicago Bridge & Iron Works, Chicago, Ill, (A) \$68,080.

Pittsburgh Des Moines Steel Co., Pittsburgh, Penn., (A) \$84,400.
 Trewitt-Shields & Fisher, Fresno, (B) \$74,397.

Clinton Construction Co., S. F., \$78,800.

Planned

HOTEL. Cost, \$60,000
SAN MATEO, Calif. Bayshore highway near Third Ave.
 Two-story hotel; coffee shop.
 Owner—Charles L. Harding, 789 El Camino Real, Burlingame.
 Architect—Not given.

**13— PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

BIDS WANTED

YERBA BUENA SHOALS.—Until October 14, 2:00 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Rm. 415 of said bldg., for plumbing work for the Southern Counties Bldg.; San Joaquin Valley Bldg.; Alta California Bldg.; and Mission Trails Wall, on Yerba Buena Shoals.

Plans and specifications may be obtained Friday at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Bonds Defeated

LIBRARY Cost, \$23,000
SANTA CLARA, Santa Clara Co., Calif.

One-story reinforced concrete library building.

Owner—City of Santa Clara.
 Architect—Higgins & Root, Security Bldg., San Jose.

City of Santa Clara defeated bonds September 27 in the amount of \$102,000, which proceeds, together with PWA grant, were to have financed construction of the library, remodeling present city hall, construction of city auditorium and municipal swimming pool.

Bids Wanted — To Close October 5, 8 P. M.

CITY HALL Cost, \$40,000
YUBA CITY, Sutter Co., Calif.

City Hall Bldg., containing administration offices, meeting chambers, notice and fire department.

Owner—City of Yuba City.
 Architect—Starks & Planners, Bank of America Bldg., Sacramento.

Plans and specifications obtainable from the architects office upon deposit of \$20.

Prospective Bidders
MEMORIAL HALL Cost, \$72,000
REDDING, Shasta Co., Calif.
 Veterans' Memorial Building.
 Owner—County of Shasta (Errol A. Yank, Clerk).

Architect—Masten & Hurd, 442 Post Street, San Francisco.

Plans and specifications may be obtained at the architect's office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened at 10 A. M. Oct. 5, in Board Room of the County Board of Supervisors, Court House, Redding.

PWA grant and loan of \$72,000 approved.

Following have taken out plans:
 W. E. Lyons Construction Co., 2009 Pacific Ave., Alameda.

O'Connor Bros., 750 Madison St., Red Bluff.

B. A. Howkins & Co., 1182 Market St., San Francisco
 Redding Lumber Co., Redding.

Bonds Voted

HALL OF JUSTICE.

Est cost, \$357,166

BERKELEY, Ala. Co., Calif., rear of present City Hall.

Three-story, reinforced concrete police administration building to contain accommodations for the police dept., courtroom, cell blocks, laboratory, police training school quarters, probation officials' offices, interview rooms, radio broadcast station, etc.

Owner—City of Berkeley, City Manager Hollis R. Thompson.

Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

The City of Berkeley voted bonds Sept. 27 in the amount of \$196,442, which proceeds, together with PWA grant of \$160,724 will finance construction of building and equipment. Estimated cost of building only, \$296,100.

Contract Awarded

ALTERATIONS & ADDITIONS
 Contract Price, \$17,998

PLACERVILLE, El Dorado County. Alterations and additions to Municipal Filtration Plant.

Owner—City of Placerville, Esther A. Mahler, City Clerk.

Engineer—C. H. Wildman, Placerville.

Contractor—Pacific Coast Const. Co., 350 California St., San Francisco.

Complete bids follow:
 Pacific Coast Const. Co. \$17,998.36
 Underground Const. Co.,

Oakland 20,015.40
 Fred J. Early, Jr., S. F. 22,358.86
 Robt. B. McNair, Oakland, 23,787.20
 Campbell Const. Co., Sacto., 28,409.66

BIDS WANTED

ALAMEDA CO., Calif.—Until Oct. 11, 10:30 A. M., bids will be received by the Alameda County Board of Supervisors, Courthouse, Oakland, for installation of a boiler at the Arroyo Sanatorium Ala. Co., Calif.

Specifications obtainable from the above office upon deposit of \$25.

Bids Opened

ADDITION.

MARYSVILLE, Yuba Co., Calif. SE Cor. Sixth and D Streets.

Additions and alterations to Hall of Records, County Clerk's office, and Jail building.

Owner—County of Yuba, (W. M. Strief, County Clerk).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

Low bidder: C. A. Otto, 1029 H St., Marysville.

Recommendation made to PWA

that contract be awarded low bidder at \$27,597, which includes two alternate deductions of \$682 and \$831.

Complete basic bids follow:
 C. A. Otto, Marysville, \$29,410.
 Lawrence Const. Co., Sacramento, \$29,986.

Chas. F. Unger, Sacramento, \$31,200.

Azevedo Const. Co., Sacramento, \$31,689.

W. R. Burroughs, Marysville, \$31,983.

C. C. Stephenson, Marysville, \$32,814.

Low Bidders

COUNTY SHOP BLDG.

FRESNO, Fresno Co., Calif.
 Steel frame and corr. iron County Shops building (concrete floors and foundations).

Owner—County of Fresno
 Architect—W. D. Coates, Rowell Bldg., Fresno.

Low Bidder—R. Pedersen, 446 Clark St., Fresno, \$25,521.

Recommendation made to WPA that contract be awarded the low bidder.

Three low bidders follow:
 R. Pedersen, Fresno, \$25,521
 T. C. and W. H. Irwin, Fresno, \$26,855
 Harris Const. Co., Fresno, \$27,591

Complete bids will be published shortly.

Low Bidders

COUNTY WELFARE BLDG.

FRESNO, Fresno Co., Calif.
 One-story brick Public Welfare Bldg.

Owner—County of Fresno
 Architect—W. D. Coates, Rowell Bldg., Fresno.

Low Bidder—T. C. and W. H. Irwin, 908 Mildreda Ave., Fresno, \$28,568.

Recommendation made to PWA that contract be awarded low bidder.

The three low bids follow:
 T. C. and W. H. Irwin, 908 Mildreda St., Fresno, \$28,568.
 R. Pedersen, Fresno, \$29,392.
 Trehwhitt-Shields & Fisher, Fresno, \$30,139.

Complete bids will be published shortly.

Bids Opened

ADDITIONS

SPADRA, Pacific Colony, Los Angeles Co., Calif.

Addition to Administration Building and Isolation Building; addition to Administration Building is a one-story reinforced concrete building comprising approx. 3230 sq. ft. of floor area; with metal stud partitions, steel sash, wood roof framing and clay tile roof covering; the Isolation Building is a two-story reinforced concrete building, comprising approx. 10,080 sq. ft. of floor area; with hollow tile partitions, steel sash and tile roof covering.

Owner—State of California.
 Architect—George B. McDougall, State Architect, Public Works Bldg., Sacramento.

Separate bids were taken as follows: (1) general work (2) heating and ventilating work (3) plumbing work and (4) electrical work.

Complete bids follow:

General Work
 Baruch Corp., 625 S. Olive Street, L. A., \$76,687 (includes telegraphic deduction of \$1,125).

Harvey A. Nichols, L. A., \$81,780.
 Fred E. Potts Co., L. A., \$87,263 (includes telegraphic deduction of \$4,037).

Plumbing
 Travers Ridell Co., L. A., \$14,998.
 Hickman Bros., San Pedro, 15,390
 E. Willardson, Los Angeles, 17,457
 Economy Plumbing & Heating

Co., Long Beach 17,976

Heating and Ventilating
 American Engineers & Contractors, Ltd., 3063 Oregon St., Los Angeles \$ 5,087

Travers Ridell Co., L. A. 5,350

Hickman Bros., San Pedro 5,376

J. Herman Co., L. A. 5,500

Economy Plumbing & Heating Co., Long Beach 6,400

Electric Work

MacFarlane Electric Co., 117 E. 3rd St., Santa Ana 3,197

Moore Electric Co., L. A. 3,486

Coast Elec. Co., Long Beach 3,590

Van Cott Co., L. A. 3,594

Sub Contracts Awarded

POLICE STA. & JAIL
 Cont. Price, \$22,500

BURLINGAME, San Mateo Co., Cal. One- and part two-story reinforced concrete police station and jail.

Owner—City of Burlingame.
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Contractor—John E. Branagh, 116 Monticello Ave., Piedmont.

Plumbing—Harry Lee, 220 California Drive, Burlingame.

Grading—L. C. Smith, 235 Third Ave., San Mateo.

Lumber—Wisnom Lumber Co., 1000 Broadway, Burlingame.

Concrete—H. E. Casey Co., Woodside Way and Peninsula Ave., San Mateo.

Sub-Contracts Awarded

FIRE ENGINE HOUSE
 Contract Price, \$69,833

FRESNO, Fresno Co., Calif. Fresno and E Streets.

One-story reinforced concrete fire engine house.

Owner—City of Fresno.
 Architect—E. W. Peterson, Mason Bldg., Fresno.

Contractor—Trehwhitt-Shields & Fisher, Pacific Southwest Building, Fresno.

Plumbing and Heating—Frank Hudson, 2141 S Van Ness Ave.

Electric Wiring—Electric Const. Co., 831 Fulton Street.

Tile Work—C. E. McMullin Co., 1225 Broadway.

Glass—W. P. Fuller & Co., Los Angeles and M Streets.

Brick and Stone Work—Harry W. Smith, 135 N Calaveras Street.

Grading—Stewart & Nuss, Inc., 410 Thorne Avenue.

Lumber and Hardware—Valley Lbr. Co., P. O. Box 134.

Mill Work—Meadery Planing Mill, P. O. Box 662.

Lathing and Plastering—Jos. Masi, 515 Oleander St.

Concrete—Grant-Pacific Company.
Steel Rolling Doors—Healey & Popovich, 818 Helm Bldg.

All of Fresno.

BIDS OPENED

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison Street, San Francisco, at \$16,818 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for construction of the Finish Work for California State Bldg., Yerba Buena Shoals.

Complete bids follow:

Barrett & Hilp, S. F. \$101,856
 Geo. A. Fuller Co., L. A. 103,600
 Anderson & Ringrose, S. F. 165,000

Bonds Voted

CIVIC AUDITORIUM

Estimated Cost, \$250,000

SANTA CRUZ, Santa Cruz Co., Cal. SW Cor. of Center and Church.

Two-story early California style auditorium building approx. 100 by 160 ft., seating 1410 on the main floor with balcony to seat 600;

stage, dressing rooms, committee rooms.

Owner—City of Santa Cruz.
Architect—Mark Daniels, 101 Post St., San Francisco.

The City of Santa Cruz recently voted bonds in the amount of \$140,000, which proceeds, together with FWA grant of \$114,945, will finance construction.

Contract Awarded
TERRA COTTA MAP
Const. Price \$10,465

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Terra Cotta Work on Map, Pacific Building, Contract No. 198-3.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Architect—S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Gladding McBean & Co., Harrison at 9th St., S. F.

CONTRACT AWARDED

SACRAMENTO. Sacramento Co., Calif.—Azevedo Construction Co., 920 D St., Sacramento, at \$11,428 awarded contract by the Sacramento City Council, for Filtration Plant Repairs located at Sacramento.

Complete bids follow:
Azevedo Construction Co., \$11,428.
Lawrence Const. Co., \$11,866.
Campbell Const. Co., \$14,887.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$101,856 awarded contract by the Department of Public Works, Office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for construction of the Finish Work for California State Bldg., Yerba Buena Shoals.

Bids Opened

CONTRACT AWARDED
DAILY CITY. San Mateo Co., Calif. Two-story and basement reinforced concrete city hall building.

Owner—City of Daly City.
Architects—Wm. H. Toepke and Otto G. Hintermann, 74 New Montgomery St., San Francisco.

Low Bidder—H. H. Larsen Co., 84 South Park, San Francisco, \$43,223.

Complete bids follow:

H. H. Larsen Company.....\$43,223
Adam Arras.....43,344
I. E. Vukicevich.....44,723
Monson Brothers.....45,280
Frank J. Reilly Co.....45,321
Geo. W. Williams.....45,748
Alfred J. Hopper.....46,185
Anderson & Ringrose.....47,726
P. F. Reilly.....51,700
A. A. McLean & Co.....55,000

CONTRACT AWARDED

YERBA BUENA SHOALS.—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$62,423 submitted low bid and was awarded contract by the United States Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush St., San Francisco, for performing all work and providing and paying for all materials, labor, tools, plant, equipment, light, power, transportation and all other facilities necessary for the interior construction work in a building on Treasure Island, Yerba Buena Shoals.

Complete bids follow:

Bartlett & Hilp, S. F.....\$62,423
George A. Fuller Co., L. A.....68,000
Heinsbergen Dec. Co., S. F.....68,000

14— RESIDENCE

Bids Opened
RESIDENCE.
ORINDA, Ala. Co., Calif.

One-story and basement frame and stucco residence; hardwood flrs., tile bath, shake roof, gas furnace, etc.

Owner—Jack Lum, & Arch.
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Low bidder: Olaf Petersen, 3626 Rhoda Ave., Oakland, \$9,962.

Complete bids follow:
Olaf Petersen, Oakland, \$9,962.
T. H. Lapham, Oakland, \$10,394.
Earl M. Malott, Piedmont, \$10,423.
A. Frederick Anderson, Oakland, \$11,100.

Albert A. Haskell, Oakland, \$12,100.
(755) 1st rep. Sept. 26, 1938. * 14

Bids In—Held Under Advertisment.

RESIDENCE Cost, \$.....
SAN FRANCISCO. Santa Ana Street north of St. Francis Blvd., Lot 8 Block 10.

Two-story frame and brick veneer residence (8 rooms and 2 baths), hardwood floors, tile baths, composition shingle roof, etc.

Owner—George Osooske, c/o Architect Architect—Charles F. Strothoff, 2274 Fifteenth Street.

Plans Completed

RESIDENCE.
BAYWOOD, San Mateo Co., Calif.

Two-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, tile baths, air conditioned heating system, etc.

Owner and Builder—Robert H. Smith.
Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.

Preparing Preliminary Sketches.

RESIDENCE Cost, \$40,000
CONTRA COSTA COUNTY. Calif.

Two-story residence (9 rooms) guest cottages, swimming pool, pavilion tennis courts, etc.

Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Bids In

RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.

Two-story frame residence.
Owner—Mr. Neustadter, c/o Arch. Architect—Farr & Ward, 68 Post St., San Francisco.

Plans were figured by a selected list of contractors.

Bids Wanted

RESIDENCE Est. Cost, \$12,000
SAN RAFAEL, Marin Co., Calif.

Two-story frame and stucco residence.

Owner—Phillip Wooster, c/o Office Towel Supply Co., 60 Union St., San Francisco.

Architect—Harold G. Stoner, 251 Kearny St., San Francisco.

General bids are now being received by the owner.

Contract Awarded

RESIDENCE Cost, \$.....
ATHERTON OAKS, San Mateo Co.

One-story California type farm house (7 rooms, 4 baths) air conditioning system, steel sash, brick veneer and wood exterior, hardwood floors, etc.

Owner—C. E. Melugin.
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
Contractor—Emil G. Steinegger, 302 Myrtle St., Redwood City.

Preparing Working Drawings

RESIDENCE Cost, \$5,000
SANTA ROSA, Sonoma Co., Calif.

One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, etc.

Owner—A. L. Le Bran, c/o Architect Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Preparing Plans

STUDIOS Cost, \$.....
SAN FRANCISCO.

Group of studio apts. and stores.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny Street.

Sub-Contracts Awarded

RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.

Mindenwood.
One-story frame residence (8 rooms, 3 baths), shingle roof, gas heating system, etc.)

Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Sheet Metal—G. & M. Sheet Metal Works, 504 9th Ave., San Mateo.
Mill Work—Pacific Mfg. Co., Santa Clara.

Plans Being Figured

RESIDENCE Cost, \$.....
SAN RAFAEL, Marin Co., Calif.

One-story and basement frame and stucco residence (hardwood floors tile bath, etc.)

Owner—Robert Forsythe, c/o Archi. Architect—Conrad T. Kett, 519 California St., San Francisco.

Following contractors are figuring plans:
Ernest Laxton, 526 Red Hill Ave., San Anselmo.
A. Von Rotz, San Anselmo.

Contract Awarded

RESIDENCE Cont. Pr., \$8,617
WALNUT CREEK, Contra Costa Co., Calif.

One-story frame and stucco residence (7 rooms) hardwood floors tile baths, etc.)

Owner—Withheld.
Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.

Contractor—A. McLeod, Box 98, Lafayette.

To Be Done By Day's Work

RESIDENCES Cost, \$.....
SAN FRANCISCO. Thirty-first Ave. and Ulloa Street.

Six one-story frame and stucco residences (hardwood floors, tile baths, etc.)

Owner and Builder—A. Nelson, Inc., 242 Ocean Avenue.
Architect—Conrad T. Kett, 519 California Street.

Ruben Wagner, Manager of Construction, 1754 9th Ave., is taking sub-contracts.

Bids Opened

RESIDENCE Cost, \$.....
SANTA ROSA, Sonoma Co., Calif.

One-story frame and stucco residence (6 rooms) hardwood floors tile bath, etc.

Owner—Mrs. Devoy, c/o Architect. Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Low Bidder—Louis Halvorsen, 128 Dutton Ave., Santa Rosa, \$4,500.

Other bids were:

Alex Oslund.....\$4,538
R. S. Knight.....4,640
Robert Todd.....4,750
Joe Chirhart.....4,897
J. Graves.....4,920

Bids Opened

RESIDENCE Cost, \$.....
SACRAMENTO, Calif.

Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.

Architect—Herbert Goodpaster, Mitau Building, Sacramento.
Low bidder: C. E. De Cuir, 2739 Marshall St., Sacramento, \$7,640.
Other bids were:
L. L. Watson, Sacramento, \$7,630.
N. H. Lund, Sacramento, \$7,640.

Sub-Contracts Awarded

RESIDENCE Cost, \$.....
CARMEL POINT, Monterey Co., Cal. 1½-story frame residence (5 rooms, 3 baths) clapboard exterior, plaster interior, hardwood and linoleum floors, air conditioning system, steel sash, 2-car garage, Redwood clapboard roof, etc.
Owner—Frank Schwabacher, San Mateo.

Architect—C. K. Sumner, Deckerok Bldg., Palo Alto.
Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.

Roofing and Glass—Carmel Building Specialties, Torres and Fifth Sts., Carmel.

Plumbing—Anderson - Dougherty - Hargis Co., 225 Main St., Salinas.

Lumber—M. J. Murphy, Inc., San Carlos and Ocean, Carmel.

Lathing and Plastering—George J. Turner, 234 Congress Ave., Pacific Grove.

Sub-Contracts Awarded

RESIDENCE Cost, \$10,250
CARMEL POINT, Monterey Co., Cal. One-story adobe and frame residence (6 rooms, 3 baths) air conditioning heating, oak and linoleum floors, steel sash, Redwood clapboard roof, 2-car garage.

Owner—A. M. Catlin, Topeka, Kans. Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.

Roofing, Heating and Glass—Carmel Bldg. Specialties, 1 Torres and Fifth, Carmel.

Plumbing—Barton Oil-O-Matic Co., 635 Cass St., Monterey.

Electric Wiring—Monterey Light Shop, Monterey.

Sheet Metal—Anderson - Dougherty - Hargis Co., 225 Main St., Salinas.

Hardwood Floors—E. G. Finn Hardwood Co., 515 McKenzie Ave., Watsonville.

Adobe, Hardware and Steel Sash—Carmel Bldg. Specialties, 1 Torres and Fifth, Carmel.

Grading—F. De Amaral.

Lumber—M. J. Murphy, Inc., San Carlos and Ocean, Carmel.

Lathing and Plastering—George J. Turner, 234 Congress Ave., Pacific Grove.

15—SCHOOLS

COMPLETE BIDS

STRAITHMORE, Tulare Co., Calif.—As previously reported, J. S. Metzger & Son, 408 S. Spring St., Los Angeles, at \$119,000 submitted low bid to the Strathmore Elementary Sch. District, W. M. Thrall, Clerk, for the construction of a new one-story frame and stucco school building at Strathmore, a PWA project. Plans prepared by Architect H. L. Gogerty, 6722 Yucca St., Hollywood.

Complete bids follow:
J. S. Metzger & Sons, \$110,000.
Trevhitt-Shields & Fisher, \$121,900.
T. P. Schultz, \$124,400.

R. Hodgson & Sons, \$124,669.
R. W. Brown Construction Co., \$126,140.

Andy Sordal, \$129,963.
Fisher & McNulty, \$130,000.
Lynch-Cannon Construction Co., \$134,000.

A. V. Van Tuyle, \$134,544.
Stark & Schmid, \$136,000.
J. K. Thomas, \$136,487.

Opening Date Postponed Until Oct. 4, 8:00 P. M.

SCHOOL

SAN LUCAS, Monterey Co., Calif. School bldg. to contain three classrooms, auditorium, kitchen, etc. Owner—San Lucas School District. Architect—C. J. Ryland, 136 Bomfacco Place, Monterey.

Bonds voted in the amount of \$45,000, together with PWA grant will finance construction.

Plans and specifications obtainable from the architect's office upon deposit of \$25. Bids will be opened at the San Lucas School.

Postponed from September 24.

Award Recommended

SCHOOL Cont. Price, \$72,923
BRENTWOOD, Contra Costa Co., Calif.

One-story, frame and stucco school building (15 classrooms) and demolition of existing structures.

Owner—Brentwood Deer Valley Grammar School District.

Architect—Frederick H. Reimers, 233 Post Street, San Francisco.

Low bidder: George Roek, 830 N. Pacific Ave., Stockton.

Recommendation made to PWA that contract be awarded low bidder, all deductions.

General bids were received with five alternate proposals.

Complete bids follow:

George Roek, Stockton, \$72,923, (1) \$5,328, (2) \$392, (3) \$422.

Central California Const. Co., S. F.: \$73,333, (1) \$5,000, (2) \$195, (3) \$343, (4) \$750, (5) \$430.

Peter Sartorio, S. F., \$76,765, (1) \$4,400, (2) \$128, (3) \$350.

F. C. Stolte Co., Ala., \$81,407, (1) \$6,500, (2) \$200, (3) \$600.

John Hachman, Stockton, \$82,000, (1) \$5,600, (2) \$400, (3) \$860, (4) \$200, (5) \$443.

E. T. Leiter & Sons, Oakland, \$82,887, (1) \$5,000, (2) \$900, (3) \$500, (4) \$400.

Fred J. Early, Jr., S. F., \$83,888, (1) \$8000, (2) \$175, (3) \$375.

Tornell Company, Tracy, \$92,177, (1) \$9,900, (2) \$150, (3) \$512, (5) \$500.

Low Bidders
ADDITIONS
BAKERSFIELD, Kern Co., Calif. Additions to the Longfellow School, the McKinley School and the Jefferson School; PWA projects. Owner—Bakersfield Board of Education.

Architect—Chas. H. Biggar, 554 Harberfeld Building.

Low bidder: Henry Elssler, 2229 18th St., Bakersfield, \$100,000.

Second low bid submitted by Guy E. Hall, Bakersfield at \$102,970.

LOW BIDDERS

EVERETT, Wash.—Following low bids received by the Everett School District for construction of school buildings at Everett. Plans by Architect Earl W. Morrison, Textile Tower, Seattle:

Unit A—Auditorium Gym: General Work, Brady Const. Co., 1166 Mercer, Seattle, \$196,950; heating, ventilating and plumbing, Ben Barrow, 6550 Westlake, Seattle, \$40,600; electric wiring, NePage-McKenny, 806 6th St., Seattle, \$26,800; plumbing, Ben Barrow, \$20,180.

Unit B—Lincoln Grade School: General work, Paul Odegard, Everett, \$28,950; plumbing and heating, Bassett Plbg. & Htg. Co., \$7,589; electric wiring, NePage - McKenny, \$1,915.

Unit C—Gym: South Union High School; General work, H. J. Solie, \$32,000; plumbing and heating Bassett Plbg. & Htg. Co., \$6,759; electric wiring, NePage-McKenny \$2,119.

Unit D—Senior High Addition: Paul Odegard, \$18,226. 15

Bids Wanted—To Close October 6, 2 P. M.

ADDITIONS & ALTERATIONS
GRASS VALLEY, Nevada Co., Calif. Construction of Unit No. 1: Additions and alterations to school building.

Owner—Grass Valley High School District (L. Prisk, Clerk).

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened in the office of the Board of Education, Grass Valley High School District, and must be accompanied by certified or cashier's check or bid bond for 5% of bid.

(748) 15

Bids Opened
GYM. BLDG.

NORTH SACRAMENTO, Sacramento Co., Calif. Grant High School.

First unit of high school plant, consisting of one-story frame with steel trusses, gymnasium building to seat 1800 (second unit consists of 12-room 1-story addition including cafeteria, band & choral rooms, domestic science and art rooms, etc.)

Owner—Grant Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Low bidder: M. R. Peterson, 1116 O St., Sacramento, \$65,245.

Recommendation made to PWA that contract be awarded the low bidder.

Complete bids follow:

M. R. Peterson, Sacramento, \$65,245.

Otto Steinbrenner, Sacramento, \$66,744.

Chas. F. Unger, \$67,868.

H. W. Robertson, \$68,894.

Holdener Const. Co., \$71,100.

Lawrence Construction Co., \$71,446.

Campbell Const. Co., \$73,911.

Prospective Bidders
ALTERATIONS Cost \$.....
SAN RAFAEL, Marin Co., Calif.

Construction of Units C, D, E, and F additions to the San Rafael High School, including alterations to present building and plumbing and electrical systems for Units A, B, C, D, E and F and present shop building.

Owner—City of San Rafael School District (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1601 de Young Bldg., San Francisco.

Plans and specifications obtainable from the office of the architect and from the secretary of the Board of Education, San Rafael High School upon deposit of \$25.00.

As previously reported, bids will be opened Oct. 11, 8 P. M.

Following have taken out plans: Barrett & Hilp, 918 Harrison St., San Francisco.

Peter Sartorio, 369 Pine Street, San Francisco.

Clinton Construction Co., 923 Folsom St., S. F.

Central California Construction Co., Inc., 115 Burrows St., S. F.

Moore & Roberts, 693 Mission St., San Francisco.

H. H. Henning, 1751 Berkeley Ave., Stockton.

BIDS WANTED
ANAHEIM, Calif.—Until Oct. 11, 7:15 P. M., (bids to be opened at 7:30 P. M.), bids will be received by Anaheim Elementary School District for

construction of a wood frame auditorium building at the Benjamin Franklin school, Janss and Water Sts., Anaheim, a PWA project. Plans obtainable from Architects Marsh, Smith & Powell, 508 Architects' Bldg., L. A., upon deposit of \$20; 5% to accompany bid. • 15

BIDS OPENED

SAN FRANCISCO—D. J. & T. Sullivan, 1942 Folsom St., at \$376 submitted low bid to the Dept. of Public Works, City Hall, for moving two bungalows from Farragut School, Holloway Ave. bet. Capitol Ave. and Faxon Ave. to Parkside School, 25th Ave. and Ulloa St.

Other bids were:
Hanson Bros., \$424.
Pierson—Johnson, \$690.
(750) 1st rep. Sept. 26, 1938. • 15

Bids Opened

ADDITION
SEBASTOPOL, Sonoma Co., Calif. Addition to gymnasium (boys' shower, tennis courts, fences, lockers, etc.) at Analy High School.
Owner—Analy Un. High School District (R. H. Irwin, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.

Low Bidder—C. W. Shatto, 330 Murphy Ave., Sebastopol, \$27,747
Complete bids follow:

C. W. Shatto Sebastopol.....\$27,747
Peter Sartorio, S. E.....28,976
N. H. Sjoberg & Son, Oakland 29,783
Sam Swindler, Sebastopol..... 31,400

Contract Awarded.

ADDITIONS. Cont. Pr., \$101,500
BAKERSFIELD, Kern Co., Calif. Additions to the Longfellow School, the McKinley School and the Jefferson School; PWA projects.
Owner—Bakersfield Board of Education.

Architect—Chas. H. Biggar, 554 Haberfeld Building.
Contractor—Henry Bissler, 2229 18th St., Bakersfield.
Other bids were:
Guy E. Hull, \$102,970.
Frank Grimaud, \$105,000.
I. H. Hansen & Son, \$105,825.
Oppenheimer & Co., \$106,526.
J. K. Thomas, \$106,528.

BIDS WANTED

NEEDLES, San Bernardino Co., Calif.—Until Oct. 10, 11:00 A. M., new bids will be received by the Needles Elementary School District for the construction of a 2-classroom addition to the "D" Street school, a 2-classroom addition to the Northside school and a 1-classroom addition to the Chubbusch school. All bids received Sept. 12 were rejected. Plans are available at the office of H. L. Goertry, architect, 6272 Yuca St., Hollywood, upon deposit of \$25. Est. cost, \$25,000. • 15

BIDS WANTED

ALHAMBRA, L. A. Co., Calif.—Until Oct. 10, 8:00 P. M., bids will be received by Alhambra Board of Education for construction of a boys' gym bldg. (156x92-ft.) on the high school site on S. 4th St., Alhambra, a PWA project. Plans were prepared by John Walker Smart, architect, 1200 E. Alhambra Road, Alhambra, and Murray Erick, structural engineer, 811 W. 7th St., L. A. Estimated cost \$85,000. Plans obtainable from Secretary of Board of Education, 601 N. Garfield Avenue, Alhambra, upon deposit of \$10; 5% to accompany bid. • 15

BIDS WANTED

EL MONTE, Cal.—Until October 7, 7:30 P. M., bids will be received by El Monte Union High School Dis-

trict for a wood frame domestic science building to be built at the high school, a PWA project. Plans available from Architects Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, upon deposit of \$20; 5% to accompany bid. • 15

Bids Wanted—To Close October 12, 8 P. M.

ADDITION Est. Cost, \$130,000
WOODLAND, Yolo Co., Calif. New 2-story annex addition to the Woodland High School.

Owner—Woodland High School District.

Architects—Dragon & Schmidts, 2063 Allston St., Oakland.

Bonds voted in the amount of \$75,000, together with PWA grant will finance construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the office of the Board of Education at Woodland.

CONTRACTS AWARDED

EVERETT, Wn.—Following awards made by the Everett School District for construction of school building at Everett. Plans by Architect Earl W. Morrison, Textile Tower, Seattle.

Unit A—Auditorium Gym: General Work, Brady Const. Co., 1166 Mercer, Seattle, \$196,950; heating, ventilating and plumbing, Ben Barow, 6550 Westlake, Seattle, \$40,000; electric wiring, NePage-McKenney, 806 6th St., Seattle, \$26,600; plumbing, Ben Barow, \$20,180.

Unit B—Lincoln Grade School: General work, Paul Odegard, Everett, \$28,950; plumbing and heating, Bassett Plbg. & Htg. Co., \$7,589; electric wiring, NePage - McKenny, \$1,915.

Unit C—Gym: South Union High School: General work, H. J. Solle, \$32,000; plumbing and heating Bassett Plbg. & Htg. Co., \$6,759; electric wiring, NePage-McKenny, \$2,149.

Unit D—Senior High Addition: Paul Odegard, \$13,226. • 15

Bids Wanted — To Close October 10, 2 P. M.

SCHOOL Cost, \$8,000
CHARLOTT, Plumas Co., Cal. Feather River Highway.

One-story elementary school bldg. to contain one classroom, office, library and playroom in basement (all wood construction).

Owner—North Fork Sch. District, A. F. Menzel, Clerk.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

As previously reported plans and specifications obtainable from the architect's office upon deposit of \$25.

Bids will be opened at the present elementary school.

Low Bidders
JR. HIGH SCHOOL Cost, \$121,000
MONROE, Washington.

Junior High School Building.

Owner—Union High School District No. 103 (Ceel Bennett, Clerk, Snohomish County).

Architect—William Mallis, 330 Lyon Bldg., Seattle.

Low Bidder—Western Const. Co., Textile Tower, Seattle, \$107,890.

Recommendation made that contract be awarded low bidder on net bid of \$95,771, which includes deduction of alternate proposals.

Tait Engr. Co., 2618 Rockefeller Ave., Everett, submitted low basic bid for plumbing and heating. • 15

Prospective Bidders

SCHOOL Cost, \$70,000
SAN CARLOS, San Mateo Co., Cal. Chestnut St. N of Arroyo Ave.

Addition of classrooms and auditorium building at San Carlos Central Grammar School.

Owner—San Carlos Elementary Sch. District (H. O. Walters, Clerk).

Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

Bonds voted in the amount of \$45,000, together with PWA grant, will finance construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened October 3, 8 P. M., in the office of the San Carlos Grammar School, and must be accompanied by certified or cashier's check or bid bond for 10% of bid.

Following contractors have taken out plans:

Miller Const. Co., 3917 Mission St., San Francisco.

G. W. Williams Co., 10 California Drive, Burlingame.

Charles J. Pedersen, 734 Prospect Row, San Mateo.

H. H. Larsen Co., 64 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Cliff C. Newman, 507 Brannan St., San Francisco.

N. H. Sjoberg & Son, 5604 E. 16th St., Oakland.

Archie DaMant, 1056 Highway, Redwood City.

Mooney & MacDonald, Inc., 1477 Buinrigame Ave., Burlingame.

Roy Glover, 616 Cedar Street, San Carlos.

John E. Branagh, 116 Monticello Ave., Piedmont.

Central California Const. Co., Inc., 115 Burrows St., San Francisco.

R. A. McLean & Co., 602 California St., San Francisco.

Bids Wanted — To Close October 10, 8 P. M.

ADDITION. Est. Cost, \$10,000
FRESNO, Calif.

Frame and stucco addition (2 classrooms), to grammar school.

Owner—Teague Elementary School District, Fresno.

Architect—Franklin and Kump, Jr., T. W. Patterson Bldg., Fresno

Plans and specifications obtainable from the architect's office.

BIDS WANTED

KERN COUNTY, Cal.—Until Oct. 7, 8 P. M., bids will be received by the Panama School District, Kern County, for construction of a temporary 2-classroom buildings at the Panama Migratory School. Plans may be obtained from Symmes & Willard; Stanton Willard, architect 1314 17th St., Bakersfield, upon deposit of \$10. Certified check or bond for 10% required. • 15

CONTRACT AWARDED

MOJAVE, Kern Co., Calif.—O. K. Earl, Jr., 900 E. Foothill Blvd., Altadena, awarded contract by Mojave School District, at \$49,500 (subject to PWA approval), for construction of a community bldg. at Mojave. A. C. Zimmerman, architect, 611 Architects' Bldg., L. A. • 15

CONTRACT AWARDED

STRATHMORE, Tulare Co., Calif.—J. S. Metzger & Son, 408 S. Spring St., Los Angeles, at \$10,000 awarded contract by the Strathmore Elementary School District, W. M. Thrall, Clerk, for the construction of a new one-story frame and stucco school building at Strathmore, a PWA project. Plans prepared by Architect H.

L. Cogerty, 6722 Yucca St., Hollywood.

Prospective Bidders
SCHOOL BLDG. Cost, \$100,000
MILL VALLEY, Maria Co., Calif.
Tamalpais Park School.

Two-story eight-classroom and auditorium elementary school building, concrete construction first floor, frame and stucco second floor, tile roof.

Owner—Mill Valley School District.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Structural Eng.—Carl W. Zollner, San Francisco.

Bonds in the amount of \$55,000 were voted August 2d. PWA grant of \$45,000 allotted.

Plans and specifications obtainable from the architect's office upon deposit of \$20.

Bids will be opened at 8 P. M., Oct. 10, at the office of the Old Mill School, Mill Valley.

Following have taken out plans:
De Luca & Son, Inc., 1745 Filbert Street.

Peter Sartorio, 369 Pine St.
K. E. Parker Co., 135 S. Park.
Fred J. Early, Jr., 369 Pine St.
C. L. Wold Const. Co. Ltd., 4412 Fulton St.

Monson Bros., 475 6th St.
P. F. Reilly, 666 Mission St.
All of San Francisco.

BIDS WANTED

SANTA BARBARA, Calif.—Until Oct. 6, 2 P. M., bids will be received by the Santa Barbara School District for construction of kindergarten-cafeteria additions to the Garfield school in Santa Barbara. Plans may be obtained from Edward & Plunkett; Wm. A. Edwards, architect, 114 E. De la Guerra St., Santa Barbara, upon deposit of \$10. Certified or cashier's check or bond for \$5% required. 15

Prospective Bidders
COMPLETE SHOP Cost, \$175,000
BERKELEY, Alameda Co., Cal. Bancroft Way and Grove Street.
Completion of two-story reinforced concrete shop unit on the grounds of the Berkeley High School.

Owner—Berkeley Unified School District, (Clara E. Andrews, Secy.), 2325 Milvia St., Berkeley.
Architect—Will G. Corlett and Henry H. Gutterson, 1801 Bank America Bldg., Oakland.

Plans and specifications may be obtained from office of the architects upon deposit of \$25.00.

Bids will be opened in the Board Room, Administration Bldg., Berkeley.

As previously reported, bids will be opened October 5, 8 P. M.

Following contractors have taken out plans:
Peter Sartorio, 369 Pine St., San Francisco.

Central California Const. Co., Inc., 115 Burrows St., San Francisco.

Carl N. Swenson Co., 335 Stockton Ave., San Jose.
George Swanstrom, 1615 78th Ave., Oakland.

K. E. Parker Co., 135 South Park, San Francisco.

W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

W. K. Van Bokkelen Const., 439 23rd St., Oakland.

Bids Opened
SCHOOL BLDG.
SALINAS, Monterey Co., Calif.
Construction of Agricultural building for high school.
Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham Street, Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—Sam Trondhjem, 50 Geit St., Salinas, \$46,142.

Recommendation made to PWA that contract be awarded low bidder.
Complete bids follow:
San Trondhjem, Salinas.....\$46,142
Harold C. Geyer, Monterey..... 46,832
Albert Staton, Salinas..... 47,695
R. Pedersen, Fresno..... 48,793
F. C. Stolte Co., Pacific Grove 48,800
P. T. Wallstrum, Watsonville. 51,760

Bids Wanted — To Close October 13, 8 P. M.

SCHOOL. Cost, \$190,000
COALINGA, Fresno Co., Calif.
Construction of the new Sunset Sch.; reinf. concrete construction.

Owner—Coalinga Elementary School District, Annie Cheney, Clerk.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids must be accompanied by Certified or cashier's check or bid bond for 5% of bid, and will be opened in the present Sunset School Bldg., Coalinga.

Sub-Contracts Awarded

ADDITION Cont. Pr., \$14,494
MONTEREY CO., Cal., near Soledad.
Addition of two classrooms and enlarging auditorium (frame and stucco construction).

Owner—Mission Grammar Sch. District.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Contractor—Albert Staton, 144 Pine Street, Salinas.

Roofing—Monterey County Roofing & Tile Co., 263 Main St., Salinas.

Plumbing, Heating and Sheet Metal—Underwood & Wellman, 217 Salinas St., Salinas.

Electric Wiring—Salinas Elec. Works 253 Main St., Salinas.

Tile Work—M. G. Bowen Tile Co., 142 Carmelita, Monterey.

Glass—Thos. H. French, 131 Light-house, Monterey.

Window Shades—Gill-Mann Co., 160 2nd St., San Francisco.

Grading, Foundations and Concrete—W. A. Dontanville, W. Alisal and Homestead, Salinas.

Lumber—Tom Hamby, Soledad.

Mill Work—Hollenbeck Bush Planing Mill Co., P. O. Box 605, Fresno.

Painting—J. O. Lindell, Salinas.

Lathing and Plastering—George J. Turner, 234 Congress Ave., Pacific Grove.

BIDS WANTED

MONROVIA, L. A. Co., Calif.—Until Oct. 10, 7:00 P. M., bids will be received by the Monrovia-Arcadia-Duarte High School District for the construction of a reinf. conc. gym building at the high school (80x145-ft) plant on West Colorado Blvd., Monrovia, a PWA project. Plans and specifications may be obtained from Architect Robert M. Finlayson, 218 Central Bldg., Monrovia, upon deposit of \$25. Estimated cost \$57,500. 15

Preparing Working Drawings
SCHOOL BLDG. Cost, \$40,000
SACRAMENTO, Sacto. Co., Calif.
Construction of addition at El Dorado Elementary School.

Owner—City of Sacramento.

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.
Bonds recently voted together with PWA grant will finance construction.

Preparing Working Drawings

JUNIOR COLLEGE BLDGS. Cost, \$215,000
SACRAMENTO, Sacto. Co., Calif.
Construction of four building units at the Junior College as follows:
Aeromatics Bldg. (\$80,000). Engineering shop bldg. (\$60,000). Home Economics Bldg. (\$45,000). Cafeteria (\$30,000).

Owner—The City of Sacramento.
Architect—Harry J. Devine, Conan Bldg., Sacramento.

Bonds recently voted together with PWA grant will finance construction.

Preparing Working Drawings
SCHOOL BLDG. Cost, \$60,000
SACRAMENTO, Sacto. Co., Calif.
Construction of addition at Theodore Judah Elementary School.

Owner—City of Sacramento.
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction.

Preparing Working Drawings
HIGH SCHOOL BLDG. Cost, \$174,000
SACRAMENTO, Sacto. Co., Calif.
Construction of addition at Sacramento Senior High School.

Owner—City of Sacramento.
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction.

Funds Asked
SCHOOL ADDN. Est. Cost, \$255,000
ELY, Nevada.

Construction of addition to White Pine County High School, including 7 classrooms, an auditorium to seat 900, and a gym.

Owner—White Pine High School District, B. W. Wheatley, Supt.

Architect—Not Given.
Application filed for PWA grant of \$115,000. Balance of funds to be supplied through sale of bonds.

Preparing Working Drawings
SCHOOL ADDN. Cost, \$75,000
SACRAMENTO, Calif.
Construction of addn. at McClatchy Senior High School.

Owner—City of Sacramento.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Bonds recently voted, together with PWA grant will finance construction.

Preparing Working Drawings
SCHOOL ADDN. Cost, \$60,000
SACRAMENTO, Calif.
Construction of addition at Crocker Elementary School.

Owner—City of Sacramento.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Bonds recently voted, together with PWA grant will finance construction.

Preparing Working Drawings
SCHOOL ADDN. Cost, \$40,000
SACRAMENTO, Calif.
Construction of addition at John Muir Elementary School.

Owner—City of Sacramento.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 5, 2 P. M., bids will be received by the Los Angeles Board of Education for construction of a classroom building and a 2-unit shop building at the Bret Harte Jr. high school, located on Hoover St. bet. 82nd and 94th Sts. Separate bids will be taken on general work, plumbing, heating and ventilating, painting and electrical work.

Plans for the shop (est. cost \$16,500) were prepared by architectural section of the board; A. S. Nibecker, Jr., architect. Plans for

the classroom bldg. (est. cost, \$119,000) were prepared by Architect W. E. Erkes. 15

Sub-Contracts Awarded
ADDITION Cont. Price, \$28,334
SALINAS, Monterey Co., Calif.
 Three - classroom addition to Santa Rita School.

Owner—Santa Rita School Dist. (A. Martinez, Clerk).
 Architect—C. J. Ryland, 136 Boniface Place, Monterey.

Contractor—Albert Staton, 144 Pine Street, Salinas.

Roofing—County Roof Service, 330 Market St., Salinas.

Plumbing, Heating and Sheet Metal—Anderson, Dougherty & Hargis Co., 225 Main St., Salinas.

Electric Wiring—Langlais Elec. Co., Pacific Grove.

Tile Work—M. G. Bowen Tile Co., 142 Carmelita, Monterey.

Glass and Mill—Hollenbeck - Bush Planting Mill Co., P. O. Box 905, Fresno.

Hardwood Floors—E. J. Finn, Salinas.

Grading, Foundations and Concrete—W. A. Dontanville, W. Alisal and Homestead, Salinas.

Lumber—Square Deal Lbr. Co., Abbott St., Salinas.

Painting—F. J. Sagert, 27 W. San Luis, Salinas.

Lathing and Plastering—L. C. Jorgensen, 24 Orange Dr., Salinas.

Sub Contracts Awarded
RECONSTRUCTION

PETALUMA, Sonoma Co., Cal. Sheldon and Bassett Sts. (Lots 1, 2, 3, 4, 5, 6, 7, 8, Blk 13).

Reconstruction of farm mechanics shop building.

Owner—Petaluma City High School District (Dr. Hall Weston, Clerk).
 Architect—Brainerd Jones, 226 Washington St., Petaluma.

Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.

Contractor—Vogensen Construction Co., 100 Washington St., Petaluma.

Roofing—Don E. Mohn, c/o Napa Lumber Co., Napa.

Plumbing & Heating—Frank J. Holm, D Street Extension.

Electric Wiring—Baugh Electric Co., 15 Western Avenue.

Sheet Metal—E. L. Shell Sheet Metal Works, 11 E. Washington St.

Glass, Lumber & Mill Work—The Diamond Match Co., Chico.

Misc. Iron Work—Van Beber Bros., 244 Main St.

Steel Sash—Ceco Steel Products Co., 1280 Indiana St., S. F.

Hardware—Marshall-Nowell Supply Co., Spear & Mission Sts., S.F.

Painting—H. C. Christensen, Highland Avenue.

Lathing & Plastering—B. Baccala, 401 Bodega Avenue.

Concrete—Hein Bros. Basalt Rock Co., P. O. Box 162.

Over Doors—Parker-Carpenter Inc., 991 Bryant St., S. F.

Linoleum—Nielsen Furniture Co., 145 Kentucky.

All of Petaluma unless otherwise noted.

LOW BIDDERS
STRATHMORE, Tulare Co., Cal.—J. S. Metzger & Son, 408 S. Spring St., Los Angeles, at \$110,000 submitted low bid to the Strathmore Elementary School Dist., W. M. Thrall, Clerk, for the construction of a new one-story frame and stucco school building at Strathmore, a PWA project. Plans prepared by Architect H. L. Gogerty, 6722 Yuca St., Hollywood.

Second low bid submitted by Trew-hitt - Shields & Fisher, Fresno, at \$121,990.

BOND ELECTION
ALAMEDA, Alameda Co., Calif.—The City of Alameda will vote Sept. 27 on two propositions to issue bonds in the amount of \$22,000 for construction of new school buildings, and \$350,000 for earthquake reconstruction of present schools, which proceeds together with expected PWA grant of \$466,000 will finance construction. 15

BIDS WANTED
BRAWLEY, Imperial Co., Calif.—Until Oct. 7, 11 A. M., bids will be received by the Brawley Union High School District for a six-classroom building to be built at the high school in Brawley, a PWA project. Plans may be obtained from Architect H. L. Gogerty, 6722 Yuca Street, Los Angeles, upon deposit of \$25. Estimated cost, \$31,000. 15

Bids Wanted — To Close October 10, 2 P. M.
SCHOOL Cost, \$8,000
CARIBOU, Plumas Co., Cal. Feather River Highway.
 Elementary school building to contain one classroom, office, library and playroom in basement (all wood construction).
 Owner—Las Plumas School District
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Plans and specifications obtainable from the architect's office.

Prospective Bidders
JUNIOR COLLEGE ADDITION
AUBURN, Placer Co., Calif. Cost, \$100,000
 One-story classroom and administration building addition at Placer Junior College of Auburn.
 Owner—Placer Union High School and Junior College Districts.
 Architects—Masten & Hurd, 442 Post St., San Francisco.
 PWA grant allotted in the amount of \$45,000. Balance of funds raised by direct tax.
 Plans and specifications may be obtained from the architects' office upon deposit of \$25.

As previously reported, bids will be opened Oct. 3, 8 P. M. in the Library Bldg., Placer Jr. College.
 Following have taken out plans:
 Empire Construction Co., Ltd., Russ Bldg., S. F.
 Miller Construction Co., 3917 Mission St., S. F.
 Lemcke Construction Co., 324 N. 3rd St., Albuquerque, New Mexico.
 H. W. Robertson, 3004 F St., Sacto.
 Moore & Roberts, 693 Mission St., San Francisco.
 Campbell Construction Co., 800 R St., Sacto.
 (718) 1st rep. Sept. 22, 1938. 15

Prospective Bidders
SCHOOL BLDG. Cost, \$50,000
HAYWARD, Alameda Co., Cal. Hayward Union High School.
 Part one- and two-story reinforced concrete agricultural building.
 Owner—Hayward Union High School District.

Architect—H. C. Smith, 3867 Sacramento St., San Francisco.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, bids will be opened October 5, 8 P. M.

Following have taken out plans:
 Fred J. Early, Jr., 369 Pine Street, San Francisco.

Frank Eyre, 929 Market St., San Francisco.

A. Nelson, Inc., 242 Ocean Ave., San Francisco.

D. W. Nicholson, 357 12th Street, Oakland.

David Nordstrom, 354 Hobart St., Emil Person, 829 San Luis Road, Oakland.

W. C. Tait, 883 Market Street, San Francisco.

Bond Election
SCHOOL Cost, \$50,000
BELVEDERE, Marin Co., Calif.
 One-story frame and stucco grammar school to contain four classrooms, wood sash, maple floors, slate roof, oil burning heating system.
 Owner—Belvedere Elementary Sch. District.
 Architect—D. E. Jaekle and W. C. Falch, Associate Architects, 126 Post St., San Francisco.

The school district will vote Oct. 11 on a proposal to issue bonds in the amount of \$22,000, which program, will finance construction. 15

Bids Wanted — To Close October 18, 7 P. M.
SCHOOL Cost, \$90,909
OAKLEY, Contra Costa County, Cal.
 One-story frame and stucco grammar school building to contain 8 classrooms, gym, and auditorium.
 Owner—Oakley Union School District, Edity Dal Porto, Clerk.
 Architect—Harold H. Weeks, 593 Market St., S. F.

PWA grant of \$40,909, together with recently voted bonds in the amount of \$50,000 will finance construction.

Plans and specifications will be available shortly from the office of the architect upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8 P. M., Oct. 18, in the office of the Oakley Grammar School.

Bonds Voted
SCHOOL BLDGS. Est. Cost, \$533,713
EUREKA, Humboldt Co., Calif.
 Construction of high school industrial building (\$154,545) and construction of four new elementary schools, including Marshall, Lincoln and Franklin schools (\$379,168).

Owner—City of Eureka School Dist.
 Architect—Masten & Hurd, 442 Post Street, San Francisco.

The City of Eureka School District voted bonds September 27 in amount of \$293,542, which proceeds with a PWA grant of \$240,170, will finance construction of schools.
 (1689) 1st report July 20; 2nd, Aug. 2, 1938. 15

Bids Opened
GYM AND AUDITORIUM
SAN BRUNO, San Mateo Co., Calif.
 Gymnasium and auditorium at North Brae Grammar School.
 Owner—San Bruno Park School District (J. C. Johansen, Clerk).
 Architect—N. W. Sexton, 1602 Decker Street, San Francisco.
 Low Bidder—Chif. C. Newman, 597 Brannan St., San Francisco.
 Recommendation made that con-

tract be awarded low bidder at \$20,156, which includes deduction of following alternates: (1) deduct for omitting lathing and plastering interior; (2) deduct for omitting electric wiring; (3) deduct for omitting bus garage; (4) deduct for omitting heating units; and (5) add or deduct for rustic covering in lieu of stucco.

Complete bids follow:

CHF, C. Newman, San Francisco, (1) \$22,352; (2) \$330; (3) \$846; (4) \$270; (5) \$450; (6) \$250.

Chas. Pedersen, San Mateo, \$22,900: (1) \$303; (2) \$647; (3) \$368; (4) \$500.

Jos. Bettancourt, San Bruno, \$22,945: (1) \$450; (2) \$725; (3) \$295; (4) \$460; (5) \$50.

R. A. McLean, San Francisco, \$23,632: (1) \$514; (2) \$846; (3) \$630; (4) \$762; (5) \$48.

N. R. Nicholson, San Francisco, \$23,850: (1) \$125; (2) \$846; (3) \$297; (4) \$460; (5) add \$250.

John E. Branagh, Oakland, \$25,100 (1) \$462; (2) \$713; (3) \$296; (4) \$671; (5) \$526.

G. W. Williams Co., Burlingame, \$25,990: (1) \$375; (2) \$700; (3) \$400; (4) \$525; (5) add \$390.

(645) 1st report Sept. 13; 2nd, Sept. 26, 1938. 15

Contract Awarded

ALTERATIONS & ADDITIONS
Contract Price, \$11,263
SAN RAFAEL, Marin Co., Calif.

Alterations and additions to existing shop building at the San Rafael High School.

Owner—City of San Rafael School District (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1602 De-Young Bldg., San Francisco.

Contractor—Central California Construction Co., Inc., 115 Burrows St., San Francisco.

Bids Wanted — To Close October 19,
7 P. M.

SCHOOL. Cost, \$47,570
MARTINEZ, Contra Costa Co., Cal.
Block bounded by Almond St. and Vine Ave., Sycamore St. and Palm Ave.

Construction of one-story frame Mt. Vies Primary School building to contain classrooms and kindergarten.

Owner—Martinez School District, W. A. Ormsby, Clerk.

Architect—Harold H. Weeks, 593 Market St., S. F.

Plans and specifications will be available shortly from the office of the architect upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened at 8 P. M., Oct. 19, in the office of the Board of Trustees at Martinez Junior High School.

Bids Wanted — To Close October 11,
7:30 P. M.

SCHOOL ADDITION.
PLACERVILLE, Eldorado Co., Calif.

Addition to the high school to contain gymnasium, science room and cafeteria.

Owner—El Dorado County High Sch. District, Leo N. Ench, Clerk.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

The high school district voted bonds recently in the amount of \$95,000 which proceeds will aid in financing construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond

for 5% of bid and will be opened in the El Dorado County High School, Placerville.

Contract for excavations awarded to C. A. Baker, 620 El Camino Ave., Sacramento, at \$1,250.

Bids Opened

SCHOOL
NILES, Alameda Co., Calif. Second and School Streets.

One-story school building to contain ten classrooms, toilet rooms, library, administration office and auditorium to seat about 400.

Owner—Niles School District.
Architect—John J. Donovan, 950 Park St., Berkeley.

Low Bidder—Peter Sartorio, 369 Pine St., San Francisco, \$172,340.

Complete total bids follow:
Peter Sartorio \$172,340
W. G. Thornally, Oakland 173,842
Frank J. Reilly, S. F. 174,431

Jas. L. McLaughlin Co., S. F. 175,821
K. E. Parker Co., S. F. 176,396
Nielsen & Erbenraut, San

José 177,475
C. L. Wold Const. Co., S. F. 178,000
Carl N. Swenson, San Jose, 178,348

Geo. Petersen, San Leandro, 179,900
Miller Const. Co., S. F. 180,875
Central Calif. Const. Co.,

San Francisco 185,100

Preparing Working Drawings

SCHOOL BLDGS. Cost, \$.....
REDWOOD CITY, San Mateo Co.,
Cal. Sequoia Union High School.

Wood shop, garage and garden bldgs.
WPA project.

Owner—Redwood City School Dist.
Architect—Spencer, Blanchard & Maher, 369 Pine St., San Francisco.

Shop unit addition at the high school is now under construction.

Prospective Bidders

SCHOOL. Est. Cost, \$25,000
GONZALES, Monterey Co., Calif.

Frame addition to high school to contain science classroom and girls' locker and shower room.

Owner—Gonzales Union High School District.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Plans and specifications may be obtained from the architect's office upon deposit of \$15.

As previously reported bids will be opened Oct. 7, 7:30 P. M.

Following have taken out plans:
Albert Staton, 144 Pine St., Salinas.
R. Pedersen, 446 Clark St., Fresno.

Harold Geyer, 574 Main St., Monterey.

Low Bidders

SCHOOL ADDITION
TAFT, Kern Co., Calif.

Reinforced concrete high school and Junior College addition to contain classrooms, dining room and domestic science room.

Owner—Taft Union High School District.
Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Low bidder: H. B. Nicholson, 438 Chamber of Commerce Bldg., L. A., \$73,451.

F. W. Peck Taft, at \$11,537 submitted low bid for plumbing and heating; Collins Electrical Co., 708 E. Market St., Stockton, at \$6,398, submitted low bid for electric work;

Van Fleet Freear, 557 Howard St.; S. F., at \$2,573 submitted low bid for venetian blinds and floor covering and Pioneer Mercantile Co., 1532 20th St., Bakersfield, submitted low bid for finish hardware.

Recommendation made to PWA that contracts be awarded low bidders.

Contract Awarded

RECONSTRUCTION
Cont. Price, \$17,389
OAKLAND, Ala. Co., Calif., Kansas Street and Brown Avenue.

Reconstruction of Laurel School.
Owner—Oakland School District.
Engineer—Charles A. Whitton, Second Avenue and 10th Street, Oakland (Sch. Administration Bldg.).

Contractor—Sproul and Rogers, 4409 Harbord Drive, Oakland.

16—BANKS, STORES AND OFFICES

Preparing Working Drawings
STORE & SHOP Cost, \$15,000
SAN FRANCISCO.

Studio store and coffee shop bldg.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., S. F.

Plans will be completed in about ten days.

Contract Awarded

BANK BLDG.
BAKERSFIELD, Kern Co., Cal. SW corner of Chester Ave. and 18th St.

One-story reinforced concrete bank building (89x66-ft.) marble and tile work; air conditioning system.

Owner—Anglo-California National Bank, 1 Sansome St., San Francisco.

Architect—Chas. H. Biggar, 554 Harberfeld Bldg., Bakersfield.

Contractor—Guy Hall, 4344½ S. Arlington Ave., Los Angeles, \$105,000.

17— THEATRES

Contracts Awarded

ALTERATIONS
SA FRANCISCO, 230 Jones Street.
Interior alterations to building.

Owner—Musicians Union Building.
Architect—George A. Applegarth, Russ Building, S. F.

Contractor—A. F. Mattock Co., 212 Clara St., S. F.

Edward B. Ward & Co., 270 Fremont St., awarded contract for ventilating work.

18— WHARVES & DOCKS

Bids Wanted—To Close October 17,
3 P. M.
HARBOR TERMINAL IMP.

Estimated Cost, \$87,828
PORT OF REDWOOD CITY, San Mateo Co., Calif.

Construction of harbor terminal improvements consisting of completion of present wharf and construction of new warehouse (300x100-ft.) inc. equipment.

Owner—Redwood City Council, B. E. Myers, City Clerk, City Hall.

Plans by Engr. Dept. of Redwood City.

PWA grant of \$39,522, together with proceeds of \$50,000 bond sale will finance construction.

As previously reported, plans are now awaiting final PWA approval and will be available after Sept. 26 from the office of the city clerk upon deposit of \$20.

BIDS OPENED

LOS ANGELES, Cal.—As previously reported, Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$236,117 submitted low bid on Prop. No. 1 (all work, exclusive of concrete piling, to the Los Angeles Harbor Commission, City Hall, Los

Angeles, for construction of reinforced concrete apron wharf facilities at Berths 57 and 60, Wilmington; Spec. 978.

Complete bids on Prop. 1 follow:
 Ben C. Gerwick, S. F. \$236,117
 Baruch Corp., L. A. 242,884
 Wm. P. Neil Co., L. A. 256,000
 Rohl-Connelly Co., L. A. 270,909
 Andy Sordal and R. R. Bishop
 Long Beach 309,000

Complete bids received on nineteen alternate proposals on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco.

Sub Contracts Awarded
ADDITION. Cont. Price, \$70,000
STOCKTON, San Joaquin Co., Calif.
 Deep Draft Terminal.

Additions to Units C, D & E, Stockton Terminal (cotton compress) reinf. concrete foundations, concrete floors, brick firewalls, corrugated iron and fame side-walls, wood roof decking, composition roofing, wooden interior supports, automatic sprinkler system, underground water mains.

Owner—Stockton Port District (B. C. Allin, Secretary).

Plans by Engr. Dept. of Owner.
 Contractor—O. H. Chain, 41 South Sutter St., Stockton.

Roofing—Stockton Roofing Co., 738 N. Hunter St.

Electric Wiring—Eddy Electric and Mech. Co., 309 E. Weber St.

Sheet Metal—Dunan Walker Eng. Co., 141 N. Hunter.

Glass—Valley Glass Co., 2220 Inyo St., Fresno.

Brick and Stone Work—R. Williams, 612 S. Central Ave.

Lumber—Thompson Lumber & Piling Co., 1085 Monadnock Bldg., San Francisco.

Mill Work—Electric Planing Mill, 545 S. Monroe St.

Hardware—Turner Hardware & Implement Co., P. O. Box 1050.

Painting—Maes F. Garrow, 51 E. Noble St.

Concrete—Madsen & Gouldh, 2496 E. Marsh St.

All of Stockton, unless otherwise noted.

19—MISC. CONSTRUCTION

BIDS OPENED

KENDRICK PROJECT, Wyo.—Fritz Ziebarth, 803 Security Bldg., Long Beach, California, at \$31,823, submitted low bid to the U. S. Bureau of Reclamation, Casper, Wyoming, under Spec. No. 799, for the construction of a transmission line from Cheyenne, Wyoming to Gering, Nebraska.

Total bids follow:
 Fritz Ziebarth, Long Beach, \$31,823.00.

Dwight Chanin Jr., Hastings, Nebraska, \$33,687.90.

A. H. Read Co., Cheyenne, Wyoming, \$63,770.00.

General Engrg. & Const. Co., Kansas City, Mo., \$59,965.50.

Northwestern Engrg. Co., Rapid City, S. D., \$67,074.30.

Wayne-Burnaby Inc., Spokane, Wash., \$137,309.00. 19

BIDS WANTED

SAN FRANCISCO AND ALAMEDA COUNTIES, Calif.—Until Oct. 19, 2:00 P. M., bids will be received by the State Department of Public Wks., San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction of the telephone system of the railway facilities of the San Francisco-Oakland Bay Bridge, San Francisco

and Alameda Counties, Calif.

- Work involves:
 Contract R-6 Telephone System
 (1) Installation of cable lump sum;
 (2) Furnishing and placing cable accessories and branch wiring lump sum;
 (3) 7 type A local battery magneto subscriber sets;
 (4) 1 type B local batter magneto subscribers set.
 (5) 9 type C local battery magneto subscriber sets;
 (6) 5 type D local battery magneto subscriber sets;
 (7) 15 type E central battery subscriber Sets.
 (8) 4 type F central battery subscriber sets;
 (9) 11 No. 10 cable terminal boxes;
 (10) 5 No. 26 cable terminal boxes;
 (11) 1 No. 51 cable terminal box;
 (12) 1 PBX switchboard;
 (13) 1 lot misc. work. • 19

BIDS WANTED

WASHINGTON, D. C.—Until Oct. 11, bids will be received by the Coast and Geodetic Survey, Department of Commerce, Washington, D. C., for the construction of a 1500-ton survey vessel.

Following have taken out plans:
 Moore Dry Dock Co., Foot of Adeline, Oakland
 General Engineering and Dry Dock Co., 1100 Sansome St., S. F.
 Todd Drydock & Construction Corp., Seattle.
 Commercial Iron Works, Portland.

CONTRACTS AWARDED

SAN FRANCISCO.—Pacific Dry Dock & Repair Co., foot of 14th St., Oakland, at \$234 (A); Bethlehem Shipbuilding Corp., Ltd., 20th and Illinois Sts., San Francisco, at \$590 (B), and Bruer-Siemer, 956 Evans St., San Francisco, at \$404 (C), were awarded contracts by the State Harbor Board of Commissioners, Ferry Bldg., for drydocking and overhauling (A) Tug Gov. Markham; (B) Dredge No. 4, and (C) Scows 7 and 8.

Total bids follow:
 Pacific Dry Dock & Repair Co., Oakland, (A) \$234; (C) \$433.
 Bethlehem Shipbuilding Corp., Ltd., San Francisco: (A) \$365; (B) \$590; (C) \$505.

Bruer-Siemer, San Francisco: (C) \$404.

General Engr. & Dry Dock Co., San Francisco: (A) \$300; (B) \$622; (C) \$525.

Anderson & Christofani, San Francisco: (C) \$620.

H. C. Thompson, San Francisco, (C) \$480. 19

CONTRACT AWARDED

SAN FRANCISCO.—Bruer-Siemer, 956 Evans Ave., San Francisco, at \$875 submitted low bid and was awarded contract by the State Harbor Board of Commissioners, Ferry Building, for reconditioning landing float No. 10.

Total bids follow:
 Bruer-Siemer, S. F. \$875.00
 Anderson & Christofani, S. F. 1201.00
 Pacific Dry Dock & Repair Co., Oakland 1266.00
 H. C. Thompson, S. F. 1412.00
 • 19

CONTRACT AWARDED

LONG BEACH, Calif.—Charles W. Pettifer, 703 W 14th St., Long Beach, awarded contract by Long Beach Harbor Commission at \$369,449, for construction of passenger and freight transit shed on Pier A, Outer Harbor, Long Beach, a PWA project. E. D. Van Alstine, structural engineer, 410 E 9th St., Long Beach. 19

BIDS WANTED

COLUMBIA BASIN PROJECT, Wash.—Until Oct. 20, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Coulee City, Wash., under Spec. No. 804, for the construction of the Leavenworth Station for migratory-fish control, Columbia Basin Project, Wash. Work is located near Leavenworth, Wash. Estimated quantities are:

- (1) 261,100 c.y. excavation for diversion canal;
- (2) 7550 c.y. excav. for roads;
- (3) 44,470 c.y. excav. for struc.;
- (4) 10,000 sta. c.y. overhaul;
- (5) 9130 c.y. backfill;
- (6) 410 c.y. coarse-gravel riprap;
- (7) 26,600 c.y. gravel blanket;
- (8) 1780 c.y. crushed-rock or crushed-gravel road surfacing;
- (9) 5400 c.y. concrete in struc.;
- (10) Placing 540,000 lbs. reinf. bars;
- (11) Placing 1390 lf. rubber water stops;
- (12) Driving 3 M ft. B M of timber sheet piling;
- (13) Erecting 113 M ft. B M of timber in structures;
- (14) Fabricating 27 M ft. B. M. of timber appurtenances;
- (15) Constructing 1950 lf. 6-inch and 8-inch diameter underdrains embedded in gravel;
- (16) Laying 160 lf. 12-inch diameter corrugated metal pipe;
- (17) Erecting 53,700 lbs. structural steel in bridge;
- (18) Installing 260,000 lbs. metal-work;
- (19) Laying 5200 lf. 6-inch diameter cast-iron pipe;
- (20) Installing 3000 lf. electrical metal conduit;
- (22) Installing 2780 lbs. electrical conductors and apparatus;

Plans and specifications may be obtained from the above office at no charge to prospective bidders; to others, \$2.00 per copy, not returnable. 19

To Be Done By Day's Work.
FOUNDATION Cost \$45,000
SAN FRANCISCO. Hubble, Irwin, 7th and 8th Streets.

Foundation for pump house.
 Owner and Builder—Standard Oil Co. of California, 225 Bush St.
 Plans by Engr. Dept. of Owner.

Contract Awarded
AUDITORIUM Cost, \$10,000
SAN FRANCISCO. W Utah, 100 N 17th St.

One-story steel auditorium.
 Owner—California School of Mechanical Arts, 1750 17th Street.
 Architect—Wm. G. Merchant, Russ Building.
 Contractor—J. Prout, 2530 Fillmore.

BIDS OPENED

ALCATRAZ, Calif.—Wm. Carr & Sons, at \$1108.38, 15 days, submitted low bid to the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, Room 415, P. O. Bldg., S. F., under Bid No. 1617, for repairing the Launch McDowell. Launch may be inspected at Dock No. 4, Fort Mason.

Pacific Dry Dock & Repair Co., at \$1120 18 days, submitted only other bid. • 19

BIDS OPENED

OAKLAND, Calif.—Matson Electric Equipment Co., 4115 Broadway, Oakland, at \$4,121 submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for the installation of electric power facilities at Eleventh Street Unit, Outer Harbor Terminal, Oakland.

Total bids follow:

Matson Elec. Equip. Co., Oakland, \$4,121.00.
 T. L. Rosenberg Co., \$4,225.00.
 Kerr and Clifford, \$4,395.79.
 Pacific Elec. Motor Co., \$4,466.00.
 California Elec. Co. Ltd., \$4,487.00.
 Spott Elec. Co., \$4,646.00.
 Vincent Elec. Motor Co., \$4,780.41.
 Scott-Butner Elec. Co., \$4,857.00.

• 19

BIDS OPENED

BONNEVILLE, Ore.—Aluminum Corp. of America, at \$143,897 delivered and \$128,600 factory, submitted low bid to J. D. Ross, Bonneville Project, Administrator, Falling Bldg., Portland, for 220,000-volt transmission line conductor between Vancouver substation and Kelso.

Total bids follow:
 Aluminum Corp. of America, \$143,897 delivered; \$128,600 factory. Alt. bid \$138,433, \$124,079.

Anaconda Copper Co., \$179,144 delivered.

Phelps-Dodge Copper Products Co., \$195,444 delivered. Alt. \$165,882 deliv.
 General Cable Co., \$221,410 deliv. Alternate. • 19

BIDS OPENED

BONNEVILLE PROJECT.—Aluminum Corp. of America, at \$792,820, delivered and \$708,185, factory, submitted low bid to J. D. Ross, Administrator, The Bonneville Project, Falling Building, Portland, for 800 miles transmission line to link Bonneville and Grand Coulee Projects.

Total bids follow:
 Aluminum Corp. of America, \$792,820 delivered; \$708,185 factory. Alt. bid: \$762,655, \$633,181.

Anaconda Copper Co., \$987,029 delivered.

Phelps-Dodge Copper Products Co., \$1,142,082 delivered. Alt. bid: \$966,314 delivered.

General Cable Co., Alt. \$1,259,719 delivered. • 19

20—MISC. SUPPLIES AND MATERIALS**BIDS WANTED**

OAKLAND, Calif.—Until October 4, 1:00 P. M. bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing insulated lead covered cable for the Electrical Dept.

Plans and specifications available from above office. • 20

BIDS OPENED

STATE OF WASHINGTON.—The following submitted bids to Procurement Division, Treasury Department Washington, D. C., for furnishing cement for the State of Washington:

Oregon Portland Cement Co., Portland, \$1.75, fob point of production Line rail connection, Union Pacific; 1 day shipment; allowance on all sacks returned to mill, 10c each. Contractor absorbs transportation charges on all sacks returned to mill.

Santa Cruz Portland Cement Co., \$2.15, fob storage; point of production, Davenport, Calif.; rail connection, Southern Pacific Co. Storage, Portland, Ore. Rail connection Union Pacific; one day shipment; 10c allowed on all returned sacks.

Superior Portland Cement Co., Seattle, \$2.09 fob point of production; railroad connection N.P., U.P., P.C., C.M.S., and P. & F.; 3 day shipment; 10c allowed on returned sacks. • 20

BIDS OPENED

MARIPOSA COUNTY, Cal.—Following submitted bids to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Of-

fice Bldg., Civic Center, San Francisco, for furnishing (1) 760 tons of MC-2 cutback asphalt; (2) 1,000 cu. yd. 90-95 liquid asphalt; (3) 545 tons of emulsified asphalt for use on Section A1, A2, and 3, Route 99, near wona Road-Glacier Point, Yosemite rosemete National Park.

Bids were:
 O & H Oil Co., (1) \$5.40; (2) \$4.35, fob Oxnard, 2% 10 days; 1% 20.

Petrol Corp., (1) \$4; (2) \$6; 10d Los Angeles.

Golden Bear Oil Co., (1) \$7; (2) \$6.50; fob Oildale, Seguro; 4% 10 days; 4% 20 days and 4% 30 days.

Casmite Corp., (1) \$4; (2) \$4; 10d Casmaia; net.

Five C Refining Co., (1) \$4.50; (2) \$4; fob Santa Maria; net.

Gilmore Oil Co., (3) \$12.66; fob Los Angeles; net.

American Buttmuls: (3) \$13.80; 10b Oakland; net.

Union Oil Co., (1) \$7; (2) \$6.50; (3) \$6.50; fob Oleum; (1) \$7; (2) \$6.50, fob Maltha; (1) \$6; (2) \$5; (3) \$13.80 fob Wilmington; (1) \$4.50; (2) \$4.50; 10b Casmaia; net.

Standard Oil Co., (1) \$4.50; 1-5b Casmaia; (1) \$6; (2) \$5; fob El Segundo; (1) \$7; (2) \$6.50; fob El Segundo or Richmond; net.

Cal-Rock Asphalt Co., (3) \$11.80, fob Casmaia; net.

Richfield Oil Corp., (1) \$4.50; (2) \$5; (3) \$11.46; fob Casmaia or Watson; net.

Snell Oil Co., (1) \$7; (2) \$6.50; (3) \$13.80; fob Martinez; (1) \$6; (2) \$5; 10b Los Angeles; (1) \$7; (2) \$6.50; fob Bakersfield; (1) \$4.50; (2) \$4.50; 10b Casmaia; net.

Tide Water Assd. Oil Co., (1) \$4.50 fob Casmaia; (1) \$6; (2) \$5; fob Los Angeles; (1) \$7; (2) \$6.50; fob Bakersfield or Avon; net.

Telegraph Refining Corp., (1) \$5.50 (2) \$4.50; fob Elftani; net. • 20

BIDS OPENED

SAN FRANCISCO.—Following submitted identical bids at \$2.94 per bbl, total \$308.70 to the U. S. Engineer Office, Lt. Col. J. A. Dorst, Distict Engineer, 401 Custom Huse, San Francisco, under Bid No. 868-39-92, for 105 bbls Diesel fuel oil; f.o.b. Folsom, Calif.

Bidders were:
 Standard Oil Co., Richfield Oil Co., Union Oil Co., Tidewater Associated Oil Co., and Shell Oil. • 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, District Engineer, Lt. Col. J. A. Dorst, 401 Custom Huse, San Francisco, under Bid No. 868-39-93, for 1400 cu. yd. clean gravel; f.o.b. Fort Cronkhte, Marin County.

Bids were:
 Bode Gravel Co., S. F., \$4.50 per cu. yd., total \$7,650, 2% 20 days.

McPhail Fuel Co., San Rafael, \$2.55, total \$4,335, 10c c.y. 30 days.

Consumers Rock and Cement Co., S. F., \$2.20, total \$3,434, 10c c.y. 30 days.

Cheda Co., San Rafael, \$3.45, total \$5,865, 2% 30 days.

Cargros Gravel and Fuel Co., San Rafael, \$3.50, total \$5,950, 14c per c.y., 30 days. • 20

BIDS OPENED

BONNEVILLE, Ore.—Aluminum Company of America, at \$114,907, fob Bonneville, submitted low bid to J. R. Ross, Administrator, The Bonneville Project, Falling Bldg., Portland for furnishing conductor cable and appurtenances for Bonneville-Coulee 230-kv transmission line.

Total bids follow:
 Aluminum Company of America, \$114,907; fob Bonneville.

Anaconda Wire & Cable Co., \$137,-

371.00.

Phelps Dodge Corp., \$151,915.

BIDS WANTED

HAYWARD, Alameda Co., Calif.—Until October 10, 8 P. M., bids will be received by the Board of Trustees of the Hayward School District, Jacob Harder, Jr., Clerk, Markham School Bldg., 1074 "C" St., Hayward, for furnishing cement and gravel to be used in the construction of the amphitheatre and gymnasium on the grounds of the Bret Harte School Bldg., Hayward.

Plans and specifications may be obtained from the above office. • 20

CONTRACT AWARDED

SACRAMENTO, Calif.—Tay-Holbrook Co., Sacramento, at \$0.1529 awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 10,000 feet of copper tubing. • 20

CONTRACTS AWARDED

OAKLAND, Calif.—The East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under LS 221, awarded the following contracts for furnishing of crushed rock:
 Hutchinson Co., Oakland: Sch. 1, \$10,490; Sch. 2, Zone 1, \$9,672.50.
 Superior Rock Co., Sch. 2, Zone 2, \$12,005.
 Heafey-Moore Co., Oakland, Sch. 2, Zone 3, \$11,130. • 20

BIDS WANTED

OAKLAND, Cal.—Until Oct. 5, 3:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 1085, for furnishing lumber for use in roofing the Verryman Reservoir.

Plans and specifications may be obtained from the above office. • 20

BIDS WANTED

BONNEVILLE, Ore.—Until Oct. 11, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bldg No. 694-38-36, for furnishing 9 lightning arresters, 115 kv, single pole units, station type for outdoor service; f.o.b. railroad cars at bidder's shipping point and/or Bonneville, Ore.

Plans and specifications may be obtained from the above office. • 20

BIDS WANTED

BONNEVILLE, Ore.—Until Oct. 11, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bldg No. 694-38-36, for furnishing 9 lightning arresters, 115 kv, single pole units, station type for outdoor service; f.o.b. railroad cars at bidder's shipping point and/or Bonneville, Ore.

Plans and specifications may be obtained from the above office. • 20

BID OPENED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., San Francisco, at \$1.19 per ln. ft., submitted only bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-102, for furnishing approximately 60 ln. ft. of pipe covering in place on the exhaust pipe of Diesel Engine at Fort Funston, San Francisco. • 20

SAN FRANCISCO COUNTY UNDER \$1000

ALTER dwelling, \$280; 1255 Bay St.; owner, Mrs. F. W. Kroll, 3033 Van Ness Ave.; contractor, Bay Pest Control Co., 261 B Street, San Mateo.

ALTER dwelling, \$400; 52 Cambridge St.; owner, A. Majefski, prem.

ALTER office bldg, \$472; 693 Mission St.; owner, Williams Bldg., prem;

contractor, Phoenix-Simpson Co. FLUES, \$50; 736 Commercial Street;

owner, J. Jung, prem.; contractor, Ideal Vent. & Sheet Metal Works, 736 Commercial St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 1.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 27.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

TULARE COUNTY, Cal.—Rexroth and Rexroth, 2110-C, Sta. A, Bakersfield, at \$3,613.30 submitted low bid and awarded contract by the Tulare County Board of Supervisors, Gladys Stewart, County Clerk, Court House Visalia, for construction of a redwood timber bridge consisting of four 19-ft. 0-in. spans supported upon redwood pile bents and abutments across Yokohi Creek, Tulare County.

Total bids follow:

Rexroth & Rexroth, Bakersfield	\$3,613.30
L. C. Clark, Visalia	3,770.80
Thorsten & Dahl, Visalia	4,083.00
J. E. Anderson, Visalia	4,389.40
R. Hodgson & Sons, Porterville	4,953.68
C. C. Geldersleve, Berkeley	5,484.00

BIDS WANTED

TULARE COUNTY, Calif.—Until October 10, 2 P. M., bids will be received by the Tulare County Board of Supervisors, Gladys Stewart, County Clerk, Court House Bldg., Visalia, for construction of two redwood timber bridges, as follows:

- (1) Bridge 128, consisting of two 17-ft. spans supported upon redwood pile bent and abutments, located on Road K across Deer Creek canal;
- (2) Bridge 129, consisting of one 35-ft. timber truss span supported on redwood pile abutments located on Road 834 across White River.

Work involves:

Bridge 128

- (1) 552 lf. redwood pile (furnish);
 - (2) 23 each redwood piles (driving);
 - (3) 14.60 M BF redwood;
- Bridge 129**
- (4) 336 lf. redwood piles (furnish);
 - (5) 14 each redwood piles (driving);
 - (6) 8.03 M. BM redwood.

Plans and specifications may be obtained from the County Surveyor, Court House, Visalia. * 21

BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 11, 2 P. M., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for the construction of a reinf. conc. bridge and other improvements along Gage Ave. at the Los Angeles River, for a distance of 2200 lf., more or less, in accordance with plans and specifications prepared by the Bridge Department of the County Road Dept., Geo. W. Jones, County Road Commissioner. Plans and specifications may be obtained from the Bridge Department upon payment of \$5.00

per set, not returnable. Certified or cashier's check for 10% must accompany each proposal. Alice Burks Clerk of the Board.

The proposed bridge will be 470 ft. long, with three 100-ft. spans and two 85-ft. spans with a 44-ft. roadway and two 5-ft. sidewalks, and metal railing. * 21

BIDS OPENED

HUMBOLDT COUNTY, Cal.—E. E. Smith, 1636 "B" Street, Eureka, at \$8,995.00 submitted low bid to the State Division of Highways, E. R. Green, Acting District Engineer, 546 Washab Ave., Eureka, for repairing a reinforced concrete bridge across Old River about two miles south of Fernbridge, Humboldt County.

Work involves:

- (1) 30 c.y. removing existing conc.;
 - (2) 165 c.y. struc. excav.;
 - (3) 12,000 lbs. bar reinf. steel;
 - (4) 45 c.y. Class A Portland cement concrete (struc.);
 - (5) 2.25 c.y. do (ralling);
 - (6) 48 lf. furnishing cast-in-place concrete piles;
 - (7) 8 each driving steel shells;
 - (8) 300 c.y. sacked concrete riprap;
 - (9) 1 lot misc. items of work.
- Complete bids follow:
- E. E. Smith, Eureka, (1) \$16; (2) \$1; (3) \$0.07; (4) \$30; (5) \$40; (6) \$1; (7) \$200; (8) \$11; (9) \$500; total, \$8,995.
- D. R. Scheuman and C. H. Johnson, (1) \$10; (2) \$2; (4) \$0.06; (4) \$25; (5) \$40; (6) \$2; (7) \$200; (8) \$12; (9) \$125; total, \$8,925. * 21

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—Person & Hollingsworth, 507 South Lorena St., L. A., at \$124,219.60 were awarded the contract by the Orange County Supervisors, for constructing a bridge across the Santa Ana River near Prada in Riverside County in accordance with plans and spec. prepared by the Flood Control Engineer, M. N. Thompson. The items are:

- (1) 13,456 lf. 102 lb. per ft. struc. steel "H" beam bearing pile, per lin. ft.;
- (2) constr. six reinf. conc. piers and constr. two reinf. conc. abutments, lump sum;
- (3) 12,474 lin. ft. driving Sec. Z P 38 or Sec. M Z-38 steel sheet piling, per lin. ft.;
- (4) 12,500 cu. yds. compacted embank in place, per cu. yd.;
- (5) 1920 tons derrick sized riprap on tonnage basis.

Total bids follow:

Person & Hollingsworth—(1) \$120, (2) \$103,853, (3) \$.60, (4) \$.27, (5) \$1.75; total \$124,219.60.

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento • California

Baruch Corp.—(1) \$.45, (2) \$115,000, (3) \$.74, (4) \$.59, (5) \$.56; total \$148,412.96.

Sharp & Fellows Constr. Co.—(1) \$.70, (2) \$119,513.12, (3) \$.76, (4) \$.35, (5) \$.40; total \$150,467.56.

Winston Bros. Co.—(1) \$.50, (2) \$125,000, (3) \$.80, (4) \$.32, (5) \$.40; total \$153,387.20.

Oscar Oberg—(1) \$.49, (2) \$130,336.82, (3) \$.61, (4) \$.29, (5) \$.295; total \$153,444.40.

Shannahan Bros.—(1) \$.81, (2) \$142,590, (3) \$.70, (4) \$.40, (5) \$.40; total \$174,901.16.

J. E. Haddock Ltd.—(1) \$.64, (2) \$203,000, (3) \$.54, (4) \$1.00, (5) \$.60; total \$242,367.80. * 21

BIDS WANTED

LOS ANGELES CO., Calif.—Until October 20, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific Company about 6 miles east of Saugus, consisting of one 66-ft. 0-inch span, one 56-ft. 0-inch span, one 54-ft. 0-inch span and one 49-ft. 0-inch span, (VII-LA-23-D), Los Angeles Co., Calif.

Work involves:

- (1) 25 c.v. remove conc.;
- (2) 250 c.v. roadway excav. without class.;
- (3) 1,800 c.v. struct. excav.;
- (4) 224,000 lbs. bar reinf. steel;
- (5) 1,234 c.v. class A Portland cem. conc. struc.;
- (6) 17 c.v. class A Portland cem. conc. railing;
- (7) 6,700 lbs. misc. iron and steel;
- (8) 23 each timber posts;
- (9) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacto. * 21

BIDS WANTED

VENTURA CO., Calif.—Until Oct. 20, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinforced concrete slab bridge across Sespe Overflow about one mile west of Fillmore and widening approaches. (VII-VENT-79-B), Ventura Co., Calif.

Work involves:

- (1) 1 lot remove and dispose of exist. debris
- (2) 55 c.v. remove and dispose of exist. conc.;
- (3) 1,600 c.v. roadway excav. without class.;
- (4) 1,550 c.v. struct. excav.;
- (5) 217,000 lbs. bar reinf. steel;
- (6) 1,240 c.v. class A Portland cem. conc. struc.;
- (7) 25 c.v. class A Portland cem. conc. slope pave.;
- (8) 7,650 lbs. misc. steel;
- (9) 960 lf. solid timber bridge railing;
- (10) 148 lf. remove and salvage C M P.;
- (11) 280 lbs. bronze expansion plates;
- (12) 200 lf. solid timber guard railing;
- (13) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 21

September 28, 1938

BIDS WANTED

RIVERSIDE CO., Calif.—Until Oct. 20, 2:00 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of two reinforced concrete bridges one across Coachella Valley storm drain consisting of thirteen 30-ft. 0-inch spans and two 9-ft. 0-inch cantilever spans; and one across a drainage ditch consisting of two 29-ft. 4-inch spans and two 8-ft. 8-inch cantilever spans about 5 miles southeast of Indio, (X1-RIV-187-P), Riverside Co., Calif.

Work involves:

- (1) 1 lot remove and dispose of exist. bridge;
- (2) 70 c.y. struct. excav.;
- (3) 228,000 lbs. bar reinf. steel;
- (4) 852 c.y. class A Portland cem. conc. strucls.;
- (5) 2,538 lf. furnish cast in place conc. piles;
- (6) 72 each drive steel shells for cast in place conc. piles;
- (7) 17,350 lbs. misc. steel;
- (8) 1,090 lf. timber railing;
- (9) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 21

September 28, 1938

LOW RIDDERS

STATE OF WASH.—Pacific Bridge Company, 329 Kearny Street, San Francisco, General Construction Co. and Columbia Construction Co., Seattle, at \$5,949,730.40 (bidding jointly) submitted low bid to the State of Washington Toll Bridge Authority, L. V. Murrow, Director of Highways, Olympia, for construction of a suspension bridge over Puget Sound, adjacent to the City of Tacoma in Pierce County, known as Tacoma Narrows, together with incidental anchor work. Estimated cost, \$5,400,000.

Three low bids follow:

Pacific Bridge Co., 332 Kearny St., S. F., General Construction Co., and Columbia Construction Co., Seattle, \$5,949,730.40.

Columbia Steel Company, S. F., \$6,038,560.44.

Columbia Steel Company, Sch. 7a, \$3,349,985.20; Roebling and Sons Co. of Calif., Sch. 10, \$2,722,626 and Acme Construction Co., Sch. 6, \$99,618; making a total of \$6,171,229.20. * 21

BIDS OPENED

HUMBOLDT CO., Cal.—Hemstreet and Bell, 501 11th Street, Marysville, at \$5,300, submitted low bid to the Yuba County Board of Supervisors, W. M. Strief, County Clerk, Hall of Records, Marysville, for the construction of a steel bridge consisting of an 80-ft. span with a 45-ft. span together with abutments, piers and wall, across Slate Creek in Plumas County.

Valley Construction Co., San Jose, at \$13,984.25 submitted only other bid. * 21

22—DREDGING HARBOR WORKS, EXCAVATION**BIDS OPENED**

LONG BEACH, Cal.—Case Const. Co., San Pedro, submitted the low bid to the Long Beach Board of Harbor Commissioners for constructing earth dike and dredging Spec. H D 50.002, involving:

- (1) Construction of an earth dike,

extending westerly from Pier B, a dist. of 800 ft. more or less, containing approx. 32,000 c.y.;

- (2) Dredging approx. 420,000 cu. yd. from areas noted on plans to be dredged and depositing same as specified.

D. A. Marshall, Port Manager.

The bids were:

Case Const. Co.: (1) \$40; (2) \$139; total, \$171.80.

Standard Dredging Co.: (1) \$.54; (2) \$1.339; total, \$73.518. * 22

CONTRACT AWARDED

LANE COUNTY, Oregon—Kuckenbergh Const. Co., Portland, at \$108,630 awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-87, for clearing, bank sloping, gravel borrow and gravel excavation; and construction of approximately 6300 ft. of rock riprap revetment, located in Lane County District Imp. Co. No. 1, on the Willamette River at mile 169 and mile 172, Lane County. * 22

CONTRACT AWARDED

BONNEVILLE, Ore.—Leonard and Slate, Multnomah, at \$9,500 awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-15, for clearing the channel of Umatilla River bet. Yoakum and Nolin, Ore. * 22

CONTRACT AWARDED

MARION COUNTY, Ore.—Kern & Kibbe, Portland, at \$89,961.80 awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-96, for clearing, bank sloping, gravel borrow, excavation Type 1 and excavation Type 2, and the construction of approx. 3,400 feet of rock riprap revetment located at 3 sites in the lower 2½ miles of the Santiam River in the Lower Santiam Dist. Imp. Co., Marion Co. * 22

BONDS VOTED

WATSONVILLE, Santa Cruz Co., Calif.—The City of Watsonville voted bonds September 27 in the amount of \$70,000 proceeds to finance construction of a new levee system. * 22

CONTRACT AWARDED

DEL NORTE COUNTY, Calif.—Hanrahan-Connelly Co., 582 Market Street, S. F., at \$104,258 awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-78, for furnishing about 58,400 tons of rock and constructing a rubble mound sand barrier in Crescent City Harbor, extending from the shore at the foot of Josephine St., about 500 feet southeasterly from the shore end of the Shell Co., Wharf), Crescent City, southwesterly for a distance of about 2660 feet to Whaler Island, Del Norte County. * 22

CONTRACT AWARDED

LONG BEACH, Calif.—Case Const. Co., San Pedro, at \$71,180 awarded contract by the Long Beach Board of Harbor Commissioners for constructing earth dike and dredging Spec. H D 50.002, involving:

- (1) Construction of an earth dike, extending westerly from Pier B, a distance of 800 ft. more or less, containing approx. 32,000 c.y.;
- (2) Dredging approx. 420,000 c.y. from areas noted on plans to be dredged and depositing same as specified.

D. A. Marshall, Port Manager. 22

25—MACHINERY AND EQUIPMENT**CONTRACT AWARDED**

SAN FRANCISCO.—Shaw Pump & Supply Co., at \$191, 2% 10 days, for Arcadia, submitted low bid and was awarded contract by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1918 Phelan Bldg., San Francisco, under Bid No. 1361, for one shallow well, self-tilting, belt-driven power pump complete; fob (1) bidder's shipping pt. and (2) fob Arcadia.

Total bids follow:

Shaw Pump & Supply Co., (1) \$157 Ashland, Ohio; (2) \$191; 2% 10. Scott Machinery Co., (1) \$201.75, San Francisco; (2) \$209.74; net.

Food Mch. Co.; (1) \$362.41, San Jose; (2) \$369.91; net.

Smith, Booth Usher Co., (1) \$194, Los Angeles, (2) \$200; net.

Pacific Pump Co., (1) \$190.90, San Francisco; (2) \$198.05; 2% 30 days.

Brown Bevis Equip. Co., Los Angeles, (2) \$229; net.

Hercules Equipment & Rubber Co. San Francisco, (2) \$245; 5% 30.

Simonds Machinery Co., (1) \$444.90, San Francisco; (2) \$432.40; net.

Fairbanks-Morse Co., (1) \$550.50, San Francisco; (2) \$565; net.

Gardner-Denver Co., (1) \$733, Quincy, Ill., (2) \$761.14; net.

Woodin & Little, (1) \$383.75, San Francisco; (2) \$394.38; net. * 25

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 14379, Rev. No. 15766, for one 10-ft. gasoline-powered, dual-drive, motor grader with scarifier; fob Sacramento.

Bids were:

Austin Western Road Machinery Co., San Francisco, \$3758.

J. D. Adams Co., San Francisco, \$3299.60; 2% 30 days.

Sacramento Tractor & Equipment Co., Sacramento, \$3425; 2% 30 days.

Greens Wells Machinery Co., Oakland, \$4586; 2% 30 days.

Harron, Rickard & McCone, San Francisco, \$3461; \$56.67 30 days.

Caterpillar Tractor Co., Oakland, \$3324.74; \$50 20 days. * 25

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-100, for (1) rental of 1½-ton truck for four months; and (2) rental of truck, station wagon or ½-ton pickup truck for four months. Trucks to be used in the vicinity of Salinas.

Bids were:

Bay Auto Co., (1) \$74; (2) \$84.

Evans Auto & Truck Rental, (1) \$73; (2) \$61.

Irving Schwartz, (1) \$175; (2) \$125.

Hertz Drive-U-Yourself, (1) \$125.

S. F. Tedesco, Los Angeles, (1) \$124 (2) \$119.

Lerer Bros., (1) \$115; (2) \$69.40.

N. Giorgi, (1) \$100.

Sam E. Bonsangue, Los Angeles, (1) \$250.

Joe Bonsangue, L. A., (2) \$125. * 25

BIDS OPENED

SAN FRANCISCO.—Butte Tractor

Equipment Company, at \$295 per month submitted only bid to the U. S. Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1918 Phelan Bldg., San Francisco, under Bid No. 1363, for rental of one diesel-powered tractor of the

full track laying type complete with trallibrator attachment and power hoist.

Smith Booth Usher Co., at \$500 per month submitted only other bid.

BIDS WANTED

BOULDER CANYON PROJECT.—Until October 13, 2 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1128-D, for furnishing and delivering two flowmeters for measuring the flow of water through 115,000-h.p. hydraulic turbines for installation in the Boulder power plant Boulder Canyon Project; fob shipping point and/or Boulder City, Nev. Apparatus will be installed by the Government.

Plans and specifications available from above office at no charge to prospective bidders; to others \$0.25, not returnable. 25

BIDS WANTED

SACRAMENTO, Calif.—Until Oct. 4, 3:00 P. M. bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-89, for rental of equipment with operating personnel for use on levee and misc. work along the Bear River and tributaries in the vicinity of Arboga, as follows:

- (1) Furnishing three RD No. 8, or equal, Caterpillar tractors, each equipped with LeTourneau, or equal, double drum power unit, and LeTourneau or equal scraper for 1200 tractor hours.
 - (2) Furnishing one RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit, and LeTourneau, or equal, bulldozer with auxiliary pusher unit for 400 hours.
 - (3) Furnishing one roofer, LeTourneau Type S, or equal for 400 hours.
 - (4) Furnishing one water truck with tank and road sprinkling devices for 400 hours.
 - (5) Mobilization and delivery of equipment to U. S. Engineer: (a) For Item 1; (b) for Item 2; For Item 3; (d) For Item 4.
- Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

SAN FRANCISCO.—Brown Bevis Equip. Co., at \$792, net, fob Freeport, Illinois, was awarded contract by the Forest Service Regional Office, G. D. Huestis, Asst. Procurement Officer, 1018 Phelan Bldg., San Francisco, under Bid No. 1362, for 2 single-cylinder, 4-cycle horizontal or vertical Diesel engines, complete; fob (1) bidder's shipping point; and (2) Arcadia, Calif.

Total bids follow:
Brown Bevis Equip. Co., (1) \$792; net; Freeport, Ill.
Fairbanks-Morse Co., (1) \$1172, Beloit, Wis.; (2) \$1236; net.
Southwest Equip. Co., (1) \$1836, Lansing, Mich.; net.
Shaw Pump & Supply Co., (1) \$850, Los Angeles; net; (2) \$889.
Lorimer Diesel Engine Co., (1) \$1900, Oakland; (2) \$1940; 15% 30 days.
Smith Booth Usher Co., (1) \$920, Los Angeles; (2) \$932; net.
Stover Mfg. & Engr. Co., (1) \$765, Freeport; (2) \$854; 2% 20 days.
Atlas Imperial Diesel Engine Co., (1) \$937, Freeport, Ill.; (2) \$997; net.
Pacific Pump & Supply Co., San Francisco; (1) \$920, S. F.; (2) \$944; 2% 30 days.
Witte Engine Co., (1) \$970.50, Kansas City; (2) \$1099; 2% 30 days.
Woodin & Little, (2) \$888; 2% 30

Lee & Thatro, (1) \$880, Freeport, Ill. (2) \$940. 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted identical bids at \$1300 to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for one portable air compressor for the Water Department.

Edward R. Bacon, Western Machinery Co., Harron Rickard & McCone Co., and Knox-Hale Machinery Co. 25

BIDS OPENED

YUMA PROJECT, Ariz.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1113-D, for furnishing and delivering one clutch-operated, crawler-traction mounted, full-revolving, Diesel engine powered, convertible type dragline excavator for the Yuma Project, Ariz.; f.o.b. shipping point and/or Yuma, Ariz.

Bids were:
Harnischfeger Corp., Milwaukee, Wisc., \$13,525, wt. 64,800; 2%; f.o.b. Milwaukee.

Lima Locomotive Works Inc., Shovel and Crane Division, Lima, Ohio, \$15,345, wt. 73,500; 2%; f.o.b. Lima.
Link-Belt Co., Chicago, \$13,320, wt. 72,000; 1%; f.o.b. Chicago.
American Hoist & Derrick Co., St. Paul, Minn., \$12,175, wt. 65,400; 2%; f.o.b. St. Paul.

Bay City Shovels Inc., Bay City, Mich., \$11,450, wt. 63,500; ¼%; f.o.b. Bay City.

Koehring Co., Denver, Colo., \$11,994.95, wt. 61,100; 2%; f.o.b. Milwaukee. 25

BIDS WANTED

OAKLAND, Calif.—Until October 4, 1:00 P. M. bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 6 motorcycles.

Plans and specifications may be obtained from the above office. 25

BIDS OPENED

KENDRICK PROJECT, Wyo.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1121-D, for furnishing and delivering structural steel supporting structures for the Cheyenne and Greeley substations, Kendrick Project, Wyoming. Structures will be erected by the Government. F.o.b. shipping point and/or railroad destinations.

Bids were:
International Derrick & Equipment Co., Columbus, Ohio, \$6,960, wt. \$117,882, net; f.o.b. Columbus.

Mississippi Valley Steel Steel Co., Melrose Park, Ill., \$10,620, wt. 78,000, f.o.b. Cheyenne, Wyo., and wt. 44,900, f.o.b. Greeley, Colo.; net.

Warden-Allen Co., Milwaukee, \$6,681, wt. 122,117; ¼%; f.o.b. Milwaukee.

Bethlehem Steel Co., Bethlehem, Pa., \$7,009, wt. 123,300; net; f.o.b. Leidsdale.

Lehigh Struc. Steel Co., New York, \$8,659, wt. 120,998, net; f.o.b. Milwaukee.

American Bridge Co., Denver, \$8,486, wt. 120,900; net; f.o.b. Pittsburgh, Pa.

Wisconsin Bridge & Iron Co., Milwaukee, \$8,219, wt. 119,000; net; f.o.b. Milwaukee. 25

BIDS OPENED

BOULDER CANYON PROJECT.—Walter Kidde & Co., Inc., New York and C-O-Two Fire Equipment Co., Newark, N. J., at \$4,037.25, net, f.o.b. Boulder City, Nevada, submitted

identical bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1120-D, for furnishing and delivering one carbon-dioxide fire extinguishing system for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nev. Apparatus will be installed by the Government.

BIDS OPENED

OAKLAND, Cal.—Merrill Co., 343 Sansome St., San Francisco, at \$1747 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 50, for furnishing air lift pumping equipment for Camp Pardee Pumping Plant.

Bids taken on:
(1) Lump sum, one air lift pump consisting of foot piece and deflector delivered at Valley Springs;
(2) Two air compressors, with motors and V-belt drives, delivered at Valley Springs.

Complete bids follow:
Merrill Co., San Francisco: (1) \$192.50; (2) \$1554.50; total, \$1747.
Ingersoll-Rand Co., (1) \$264; (2) \$1530; total, \$2094.
Worthington Pump & Mch. Corp., (1) \$385; (2) \$1854; total, \$2239.
Sullivan Mch. Co., (1) \$205; (2) \$1987.30; total, \$2092.30. 25

BIDS OPENED

SAN LUIS OBISPO, Calif.—M. J. Murphy, Inc., Carmel, at \$4.50 per hour submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for rental of one ½-c.y. dragline, including operator, pitman, all fuels and lubricants for maintenance work at the San Miguel Canyon Bridge.

Total bids follow:
M. J. Murphy, Inc., Carmel, \$4.50 per hour.
L. C. Karstedt, Watsonville, \$6.25.
Rock & Gravel Trucking Co., Oakland, \$6.50.
John Fessler, Santa Maria, \$8.00.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for rental of one 1-sack gasoline operated concrete mixer without operator for use on the Yosemite All-Year-Round Highway near El Portal.

Bids were:
Harron, Rickard & McCone Co., San Francisco, \$10 per day; moving to be paid by the State.

S. M. McGaw, Stockton, \$4 per day, moving \$75. 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Sheldon Oil Company, Sulsun and C. E. Huls, Merced at \$5.75 per hour submitted identical bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for rental of one approximately 200 gallon pressure spraying oil distributor equipped with tachometer and volume and pressure gauges, for work on the Yosemite All Year Round Highway near El Portal. 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for rental of one 7 to 10-ton tandem or three-wheel roller for use on the Yosemite All Year Round Highway near El Portal.

Bids were:

C. E. Huls, Merced, \$3.00 per hour, 12 tons, moving, \$50.

S. M. McGaw, Stockton, \$3.50 per hour, 7 or 8 tons; moving, \$100.

M. J. B. Construction Co., Stockton, \$3.50 per hour, 10-ton, \$100 moving. • 25

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 3, 2:00 P. M., bids will be received by the State Highway Dept., 808 State Bldg., L. A., for rental of equip. for use in Ventura County (intermittent jobs). The equipment required is as follows:

- (1) 1 or more, 220 cu. ft. air compressor (actual air delivery) on four-wheel running gear. Rental per hour;
- (2) 1-4 jack-hammer (dry type). Rental each per day;
- (3) 1-4 pavement breaker. Rental each per day;
- (4) 1 or more, sets of steel and hose for operating either jack-hammers or pavement breakers, as ordered. Rental each per day.

Bids must be submitted on forms obtainable only at the office of the State Highway Dept., at above address. • 25

27—WPA PURCHASES, RENTALS

BIDS WANTED

SAN FRANCISCO.—Until Oct. 6, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

- BID NO. 6151—500 l.f. clay sewer pipe; fob Fruitvale and Montana Sts., Oakland;
- BID NO. 6152—Paint, oil, turpentine; fob Monterey;
- BID NO. 6153—Douglas fir lumber; fob Geneva Ave. and Rio Verle St., San Francisco;
- BID NO. 6154—6,000 ft. 1½-in. conduit; fob 1155 Page Street, San Francisco. • 27

BIDS WANTED

YERBA BUENA SHOALS.—Until October 14, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Rm. 415 of said bldg., for electrical work for the Southern Counties Bldg.; San Joaquin Valley Bldg.; Alta California Bldg.; and Mission Trails Walk, on Yerba Buena Shoals.

Plans and spec. may be obtained Friday at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Streets, Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:

BID NO. 6104—Western Pipe & Steel; \$654; net; pipe.

BID NO. 6098—Albert C. Moe; \$875; 2%—30; \$1.75; aggregates.

BID NO. 6095—W. S. Wetenhall; \$439.45; ¼ of 1%—20; reinf. steel.

BID NO. 6094—Simonds Mch'y. Co.; \$1855.30; net; pump, starter, cable, etc.

BID NO. 6050—Adam Arras; \$57.44; net; concrete mixer; rental. • 27

BIDS WANTED

SAN FRANCISCO—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials, as follows:

- October 3, 10:00 A. M.
- BID NO. 6141—Steel pipe, couplings, elbows and valves; f.o.b. Benicia, Solano County.
- BID NO. 6142—450 cu. concrete pipe; f.o.b. Fairfield, Solano Co.
- BID NO. 6143—37,400 sq. ft. reinforcing fabric; f.o.b. Dinuba, Tulare Co.
- October 6, 10:00 A. M.
- BID NO. 6145—180 tons fine aggregates and 182 tons gravel; f.o.b. Dinuba.
- BID NO. 6146—Douglas Fir lumber; f.o.b. Fort Baker, Marin Co.
- BID NO. 6147—640 sacks Portland cement and 50 tons coarse aggregates; f.o.b. 41st and Lincoln Way, S. F.
- BID NO. 6148—Culvert, couplers and end rds; f.o.b. Felton.
- BID NO. 6149—528 sacks Portland cement; f.o.b. Bakersfield, Kern County.
- BID NO. 6150—1053 sacks Portland cement; f.o.b. Dinuba. • 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:

- BID NO. 6076: Golden Gate Quarry; \$1.33 (2); 2% 30 (sand); and G. Mazzera \$1.50 (1) 2% 30 (gravel).
- BID NO. 6075: Geo. C. Jacobs; \$358.75; 10c bbl. 30; \$2.87; Portland cement.
- BID NO. 6051: E. Barbettini; \$46; 2% 20; rent—truck.
- BID NO. 6008: James L. Hall; \$0.59; \$1239; net; piles.
- BID NO. 6068: Crescent Elec.; \$317.44; 2% 10th prox.; elec. supplies.
- BID NO. 6064: Elec. Corp.; \$744.16; 5% 10th prox.; elec. supplies.
- BID NO. 6070: Forsyth Hardwood; \$445.50; 2% 30; lumber.
- BID NO. 6081: Oakland S. M. Co.; \$389.36; 2% 30; pipe. • 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. supplies and materials for use on WPA projects:

- BID NO. 6077—Henry Cowell; \$0.50; net; \$1290; Portland cement.
- BID NO. 6074—Auburn L. C.; \$536.25; \$0.6725; net; Portland cement.
- RID NO. 6056—Pittsburgh Steel Co.; \$1221; net; chain link fence.
- BID NO. 6018—E. R. Perry; \$27.25; net; \$354.25; 13 doors. • 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth Street, San Francisco, for furnishing misc. supplies and materials for use on WPA projects:

BID NO. 6124: S. F. Elevator Co.; \$1187; net; alter elevator.

BID NO. 6091: Auburn L. C.; \$0.62, \$310; net; Portland cement.

BID NO. 6090: Henry Cowell; \$504; 2½c 30; Portland cement.

BID NO. 6086: Western Fire Equip. Co.; \$6.20, \$310; 2% 30; fire extinguishers.

BID NO. 6085: Grinnell Co.; \$771.60; 2% 30; drinking fountains.

BID NO. 6084: Marshall - Nowell; \$404.75; 2% 30; hardware.

BID NO. 6042: General Mch'y. and Supply Co.; \$9330; 2% 30; fob Parkersburg, W. V., miscellaneous shovels and handles. • 27

29—STREETS AND HIGHWAYS

SAN FRANCISCO.—Until Oct. 19 (tentative), 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,190, for removing sand from 40th Ave. between Kirkham and Noriega, from Kirkham between 39th and 40 Avenues, and from Lawton between 39th and 41st Aves. Estimated cost, \$2,000.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00. • 29

BIDS WANTED

SAN BENITO CO., Calif.—Until October 3, 2:00 P. M., bids will be received by the Regional Director, Region No. 4, National Park Service, Sheldon Bldg., San Francisco, for asphalt wearing surface on approximately 1.78 miles entrance road, Pinnacles National Park, San Benito County, Calif. • 29

BIDS OPENED

HUMBOLDT CO., Cal.—Claude C. Wood, P. O. Box 1714, Stockton, at \$77,642.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 1.4 miles grading and surfacing with road mix surfacing between Big Lagoon and one mile north of Orick, Humboldt County.

- Work involves:
- (1) 10 acres clear and grub;
 - (2) 70 M gals water;
 - (3) 79,800 cu.yds. rdwy excav. without class;
 - (4) 2,760 cu. yds. struct. excav.
 - (5) 280 cu. yds. ditch and channel excav.
 - (6) 123,300 sta. yds. overhaul;
 - (7) 39,100 mile yds haul;
 - (8) 3,860 cu. yds imported borrow;
 - (9) 64 sta. finish rdwy.;
 - (10) 2,175 cu. yds min. agg. road mix surf.;
 - (11) 21 tons liquid asph. SC-1A prime coat;
 - (12) 157 tons liq. asph. SC-4 road mix surf.;
 - (13) 22 tons asph. Emulsion seal coat;
 - (14) 265 cu. yds. screenings seal coat;
 - (15) 900 lbs. reinforc. steel;
 - (16) 26 cu. yds. Class A Portland cement conc. struts.;
 - (17) 354 linft. 8-inch C M P;
 - (18) 950 lin. ft. 18-inch C M P;
 - (19) 52 lin. ft. 24-inch C M P;
 - (20) 3,290 lin. ft. 8-inch perf. metal pipe;
 - (21) 1,835 cu. yds. rock filling material;
 - (22) 1 each spillway assemblies;
 - (23) 10 each frames and gates;
 - (24) 8 each remove headwalls;
 - (25) 705 lin. ft. bank protection fence;
 - (26) 41 each culvert markers;
 - (27) 9 each guide posts;
 - (28) 0.50 mile new property fence;
 - (29) 28 each monuments.
- Total bids follow:
- (A) Claude C. Wood, Stockton, \$77,642.00.
 - (B) John Berman & Sons and Scheuman & Johnson, Eureka \$77,918.25
 - (C) N. M. Ball Sons, Berkeley, \$84,108.40.
 - (D) Hemstreet & Bell, Marysville, \$87,339.05

(E) Poulos & McEwen, Sacramento, \$93,013.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$125.00	\$150.00	\$75.00	\$125.00	\$100.00
(2)	1.50	1.00	.50	1.50	1.00
(3)	1.30	.33	.33	.38	.45
(4)	1.50	2.00	1.75	1.50	1.50
(5)	1.00	1.00	1.00	1.50	2.00
(6)	.01	.005	.005	.01	.0075
(7)	.10	.10	.10	.15	.20
(8)	1.50	.90	1.20	2.00	.90
(9)	5.00	6.00	5.00	5.00	5.00
(10)	2.60	1.65	2.50	3.00	2.25
(11)	20.00	21.00	12.00	20.00	20.00
(12)	20.00	22.00	18.00	18.00	25.00
(13)	27.50	30.00	20.00	30.00	33.00
(14)	2.50	5.00	3.00	3.00	3.50
(15)	.10	.08	.08	.10	.10
(16)	35.00	40.00	35.00	40.00	50.00
(17)	1.00	1.00	1.00	1.20	1.10
(18)	2.00	1.90	1.75	1.80	2.00
(19)	3.00	3.00	2.70	3.00	3.00
(20)	1.00	1.00	1.00	1.00	1.10
(21)	2.00	2.00	2.50	2.50	2.00
(22)	15.00	14.00	15.00	20.00	15.00
(23)	60.00	60.00	50.00	60.00	60.00
(24)	20.00	6.00	10.00	5.00	10.00
(25)	17.50	20.00	23.00	15.10	21.90
(26)	2.00	2.00	2.50	2.50	2.00
(27)	2.00	2.00	2.50	3.00	2.00
(28)	600.00	700.00	600.00	800.00	800.00
(29)	3.00	4.00	3.00	3.00	3.00

BIDS OPENED

SAN FRANCISCO. — Eaton Smith, 715 Ocean Avenue, San Francisco, at \$5,953.60 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19184, improvement of the easterly one-half of 37th Avenue between Kirckham and Lawton Street, Est. cost, \$5,550.

Work involves:

- (1) 40 lf. 6-inch VCP sidersewers, in place;
- (2) 648 lf. unarmored concrete curb;
- (3) 330 sq. ft. two-course concrete sidewalk;
- (4) 14,450 sq. ft. asphaltic concrete-rock sub-base pavement, consisting of a 6-inch rock sub-base, a 4-inch asphaltic concrete and a 2-inch asphaltic concrete wearing surface;
- (5) 2 brick catchbasins, complete;
- (6) 80 lf. 10-inch VCP culvert;
- (7) lump sum, street lighting system, complete.

Total bids follow:

- (A) Eaton and Smith, S. F., \$5,953.60.
- (B) Pacific States Construction Co., S. F., \$6,235.50.
- (C) Lowrie Paving Co., S. F., \$6,414.20.

Unit prices follow:

	(A)	(B)	(C)
(1)	1.00	1.50	1.80
(2)	.70	1.00	.90
(3)	.15	.20	.15
(4)	.29	.27	.31
(5)	80.00	100.00	75.00
(6)	2.00	2.00	2.50
(7)	900.00	1200.00	880.00

BONDS DEFEATED

WATSONVILLE. Santa Cruz Co., Calif.—The City of Watsonville on Sept. 27, defeated bonds in the amount of \$170,000 proceeds to finance widening of Main Street.

CONTRACT AWARDED

LEWIS COUNTY, Wash.—Lulich Company, Seattle, at \$110,661.90 was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving approximately 1,373 miles, Mt. Rainier National Park, Stevens Canyon Highway Project 4-E2, Units 3 and 4-D Unit 1, Grading National Park Road Project, lying within the Mt. Rainier National Park, Lewis County, Wash. 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until October 20, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.7 miles to be graded and surfaced with Portland cement concrete, asphalt concrete and plant-mix surfacing between Rivera Underpass and Shenandoah Avenue, (VII-LA-168-B), Los Angeles Co., Calif.

- Work involves:
- (1) 89 sta. clear and grub;
 - (2) 300 M gals. water;
 - (3) 1,100 c.y. remove conc.;
 - (4) 4,000 c.y. roadway excav. without class;
 - (5) 55 c.y. struc. excav.;
 - (6) 3,000 sta. yds. overhaul;
 - (7) 600 c.y. import subgrade material;
 - (8) 2,200 c.y. drainage sump excav.;
 - (9) 2,200 c.y. sand backfill drainage sump;
 - (10) 9,500 c.y. sids. preparing subgrade;
 - (11) 89 sta. finish roadway;
 - (12) 16 tons liq. asph. SC-2 prime coat;
 - (13) 2,400 tons mineral aggregate plant mixed surf.;
 - (14) 130 tons liq. asph. SC-4 plant mix surf.;
 - (15) 4,450 tons asphalt conc.;
 - (16) 8 tons asph. emulsion paint binder and seal coat;
 - (17) 480 c.y. class B Portland cem. conc. pave. base;
 - (18) 15 c.y. class A Portland cem. conc. struc.;
 - (19) 1,400 lbs. bar reinf. steel;
 - (20) 2 each culvert markers.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. 29

BIDS WANTED

TASSEN CO., Calif.—Until Oct. 19, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 4.4 miles grading and surfacing with crusher run base and road-mix surfacing between Madeline and Tassen, Lassen County, Calif.

- Work involves:
- (1) 27 acres clear and grub;
 - (2) 650 M gals. water;
 - (3) 51,000 c.v. roadway excav. without class;
 - (4) 650 c.v. struc. excav.;
 - (5) 200 c.v. ditch and channel excav.;
 - (6) 18,000 c.v. import borrow;
 - (7) 140,000 sta. vds. overhaul;
 - (8) 233 sta. finish roadway;
 - (9) 15,000 tons crusher run base;
 - (10) 60 tons liq. asph. SC-2 prime coat;
 - (11) 6,900 tons min. aggregate road mix surf.;
 - (12) 40 tons liq. asph. ROMC-3 or ROMC-4 road mix surf.;
 - (13) 49 tons liq. asph. ROMC-3 or POMC-4 seal coat;
 - (14) 450 tons sand seal coat;
 - (15) 1,400 lbs. bar reinf. steel;
 - (16) 30 cu. vds. class A Portland cement conc. struc.;
 - (17) 104 lf. 12-in. CMP;
 - (18) 946 lf. 18-in. CMP;
 - (19) 122 lf. 24-in. CMP;
 - (20) 64 lf. 36-in. CMP;
 - (21) 54 each culvert markers;
 - (22) 55 each monuments.
- Plans and specifications may be obtained from the above office. 29

CONTRACT AWARDED

GRAHAM CO., Ariz.—Tanner Construction Co., 801 Security Building, Phoenix, at \$128,437.31 was awarded contract by the Arizona State Highway

Commission, Phoenix, for improvement of Solomonville-Duncan Highway, FA-77-C (1) (1939), APW. The work, which begins about 18 1/2 miles east of Solomonville and extends easterly about 4 1/2 miles to the Graham-Greenlee County line, consists of grading and draining the roadway and is to be completed on or before August 15, 1939. 29

CONTRACT AWARDED

GLENDALE, Los Angeles Co., Cal.—Geo. R. Curtis Paving Co., 2100 E 25th St., Vernon, at \$28,500 awarded contract by Glendale City Council for improvement of Central Ave. between Lexington Dr. and Arden Avenue, approx. 2500 lf. in length, a PWA project. Bids were received on a lump sum basis. Work involves 6-in. asph. conc. pavement, cement concrete curbs, gutters and walks and culvert. Est. cost, \$32,000. 29

September 23, 1938

CONTRACT AWARDED

VALLEJO, Solano County, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$3,183.30 submitted low bid and was awarded contract by the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, for repaving of Marin Street from the northerly line of York Street to the southerly line of Georgia Street in the City of Vallejo. 29

LOW BIDDER

LOS ANGELES CO., Calif.—Lewis Construction Co., 340 W. 2nd St., Los Angeles, at \$64,237.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a portion of State Highway 1 in the County of Los Angeles, between 1.5 miles north of Azusa and San Gabriel River Bridge, consisting of about 0.7 miles to be graded and surfaced with plant mixed surfacing. Complete bids will be published shortly. 29

LOW BIDDERS

TULARE CO., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$40,565.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 11.1 miles grading and applying road-mix surface treatment between Visalia Airport and 4 miles south of Dinuba, Tulare Co., Calif.

Next two bids were: Griffith Co., Los Angeles, \$41,458. Stewart and Nuss Inc., Fresno, \$43,286. Complete bids will be published shortly. 29

AWARD RECOMMENDED

ELKO CO., Nev.—Tony Marrazzo, Boise, Idaho, at \$49,416.15 has been recommended for an award of contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 1.818 mi. grading and constructing a bridge on Section E of Route 18, Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev. 29

CONTRACT AWARDED

HICKAM FIELD, T. H.—J. E. Haddock Ltd., 357 N. Chester Ave., Pasadena, at \$260,000 awarded contract by the Constructing Quartermaster, John A. Hunt, Hickam Field, under Bid No. 397-39-10, for construction and completion of finish pavement, driveways, sidewalks and curbs at Hickam Field.

September 23, 1938

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids were received and contracts awarded by the State of Washington Director of Highways, L. V. Murrow, Olympia, for bridge and highway construction, as follows:

Douglas Co.: Clearing, grading, draining, surfacing, and constructing a light bituminous surface treatment and treated pile and timber trestle on about 19.3 miles of Primary State Highway No. 2, Douglas to Baird, U. S. Public Works Project, No. Wash. 1548-F, in Douglas Co., Wash., involving about 165,310 c.y. of excav., 67,150 c.y. of ballast, 70,900 c.y. of crushed stone surfacing, 42 MBM. of treated timber and lumber, 1,040 lft. of treated timber and lumber, 636 tons of bituminous cement, 3,028 lft. of pipe culverts and other items.

Awarded: M. E. Nelson Const. Co., Inc. Tonasket, \$222,647.

Other bidders: Roy L. Bair, Spokane, \$228,371; F. R. Hewitt, Spokane, \$223,016; James Crick & Max J. Kunej, Spokane, \$247,660; McNutt Bros., Eugene, Ore., \$269,037; Goetz & Brennan, Seattle, \$272,803; Homer G. Johnson, Portland, \$307,771; L. Romano Engr. Corp., Seattle, \$383,726.

Grant Co.: Clearing, grading, draining, surfacing and constructing a railway undercrossing and a light bituminous surf. treatment on about 18.5 miles of Primary State Highway No. 7, Ephrata to Stratford vicinity, U. S. Public Works Project No. 1415-F, Units 1 and 2, in Grant County, Washington, involving about 351,630 c.y. of excav., 10,290 c.y. of ballast, 18,590 c.y. of crushed stone surfacing, 324 c.y. of concrete, 36,670 lbs. of steel reinforcing bars, 127,600 lbs. of structural steel, 960 lft. of steel piling, 610 tons of bituminous cement, 10 MBM. of treated timber and lumber, 1,839 lft. of pipe culverts and other items.

Awarded: K. L. Goulter, 212 West Hudson, Seattle, \$221,304.

Other bidders: Erickson Pav. Co., Seattle, \$226,265; Max J. Kunej Co., Spokane, \$229,681; N. A. Degerstrom & Chas. A. Power, Spokane, \$245,647; Florio Bros., Inc., Seattle, \$251,259; Goetz & Brennan, Seattle, \$256,738; Roy L. Bair, Spokane, \$258,639; Clifton & Applegate, Spokane, \$278,256; Elliott & Co., Inc., Seattle, \$279,594; L. Romano Engr. Corp., Seattle, \$290,618; McNutt Bros., Eugene, Ore., \$302,392; White's Trucking Co., Walla Walla, \$348,921.

Wahkiakum Co.: Clearing, grading, draining, surfacing and constructing a steel swing bridge with reinforced concrete approaches on about 0.9 mi. of Primary State Highway No. 12, Skamokawa West—Section 2, U. S. Public Works Project No. Wash. 1396-F, in Wahkiakum Co., Wash., involving about 34,755 c.y. of excav., 1,560 c.y. of ballast and 1,640 c.y. of crushed stone surfacing on roadway from stockpiles, 954 c.y. of concrete, 81,000 lbs. of steel reinforcing bars, 205,000 lbs. of carbon and 83,000 lbs. of silicon structural steel, 35 MBM. of treated timber and lumber, 760 lft. of untreated and 590 lft. of treated piling, 680 lft. of steel piling, 2,100 lbs. of machinery, 944 lft. of pipe culverts and other items.

Low Bidder: McRae Bros., 614 5th, Seattle, \$136,732.

Other Bidders: Grays Harbor Construction Co., Aberdeen, \$147,777; Parker-Schram Co., Portland, \$149,037. Bids under advisement.

Okanogan Co.: Constructing six reinforced concrete girder bridges, total length 2,186 ft., on Primary State Highway No. 16, Methow to Carlton Bridges, U. S. Public Works Project No. Wash. 1382-F (Unit 2),

in Okanogan Co., Wash., involving about 5,165 c.y. of structure excav., 5,906 c.y. of concrete, 1,334,000 lbs. of steel reinforcing bars, 26,425 lft. of untreated timber piling, 338 lft. of pipe culverts and other items.

Awarded: Roy L. Bair, 1220 Ide, Spokane, \$274,721.

Other bidders: Henry Hagman, Cashmere, and Andrew Sather and Sons, Seattle, \$288,467; Norris Bros., Burlington, \$300,493; Ramsey & Co., Seattle, \$312,284; Alloway & Goss, Spokane, \$339,929; L. Romano Engr. Corp., Seattle, \$374,586.

Lincoln Co.: Ballasting and surfacing on about 13.0 miles of Secondary State Highway No. 2-G, Rear-dam to Edwall, U. S. Public Works Project No. Wash 1553-F, Unit 2, in Lincoln Co., Wash., involving about 36,500 c.y. of selected roadway borrow and 19,550 c.y. of crushed stone surfacing.

Awarded: F. R. Hewitt, 420 West 22nd, Spokane, \$38,925.

Other bidders: H. C. Rogers, Yakima, \$41,052; Roy L. Bair, Spokane, \$41,580; John & McAllister, Spokane, \$42,371; Materne Bros., Spokane, \$43,972; Fred G. Redmon, Yakima, \$46,015; Max J. Kunej Co., Spokane, \$52,605; Goetz & Brennan, Seattle, \$54,020; Homer G. Johnson, Portland, \$57,380.

Whitman Co.: Clearing, grading, draining, surfacing and constructing a treated pile and timber trestle on about 11.4 mi. of Secondary State Highway No. 11-C, Steptoe West, U. S. Public Works Project No. Wash 1553-F (Unit 1), in Whitman Co., Wash., involving about 178,890 c.y. of excavation, 2,620 c.y. of shoulder material, 76,310 c.y. of crushed stone surfacing, 11 c.y. of concrete 1,610 lbs. of steel rebar, 8 MBM. treated and 1 MBM. of untreated timber and lumber, 350 lft. of treated timber piling, 3,690 lft. of pipe culverts and other items.

Awarded: Roy L. Bair, 1220 Ide, Spokane, \$145,789.

Other bidders: Clifton & Applegate, Spokane, \$163,920.00; McNutt Bros., Eugene, Ore., \$172,272; Goetz & Brennan, Seattle, \$196,220.

Skagit County: Clearing, grading, draining and surfacing of about 0.7 mi. of Secondary State Highway No. 17, Rockport East, U. S. Public Works Project No. Wash. 1341-F (Unit 1) in Skagit Co., Wash., involving about 9 acres of clearing, 59,310 c.y. of excav., 6,190 c.y. of selected roadway borrow, 2,780 c.y. of crushed stone surfacing, 3,039 lft. of cable guard rail design No. 6, 523 lft. of pipe culverts and other items.

Awarded: Halleran Bros., 2317 10th N, Seattle, \$58,345.

Other bidders: Rumsey & Co., Seattle, \$66,002; A. W. Stevens Const. Co., Mt. Vernon, \$67,223; L. Coluccio, Seattle, \$72,411; Winston Bros., \$95,125.

Jefferson Co.: Clearing, grading, draining and surfacing of about 5.8 mi. of Primary State Highway No. 9, Crocker Lane to Quilcena, Federal Aid Project No. 136-B (2), in Jefferson Co., Wash., involving about 12 acres of clearing, 139,140 c.y. of excavation, 42,940 c.y. of selected roadway borrow, 11,300 c.y. of crushed stone surfacing, 117 c.y. of concrete, 20,310 lbs. of steel reinforcing bars, 1,350 lft. of cable guard rail design No. 6, 266 lft. of pipe culverts and other items.

Low Bidder: Allen & Govan, Box 105, Olympia, \$99,689.

Other bidders: Northwest Const. Co., Inc., \$120,630; L. Garcia, Seattle, \$123,750; Florio Bros., Inc., Seattle, \$124,314; K. L. Goulter, Seattle, \$128,411.

BIDS WANTED

LEWIS CO., Wash.—Until Oct. 7, 10:00 A. M. bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 216 New Post Office Bldg., Portland, for constructing or improving approximately 0.797 miles grading and 0.268 miles partial grading on Mt. Rainier National Park, Stevens Canyon Highway, Project 4-C2, Unit 2, Grading, National Park Road Project, located within the Mt. Rainier National Park, Lewis Co., Wash.

Work involves:

- (1) All reqd. extra and misc. force account work;
- (2) 5 acres clearing;
- (3) 8 acres grubbing;
- (4) 151,700 c.y. unclass. excav.;
- (5) 120,000 sta. yds. special overhaul;
- (6) 0.797 miles finishing earth graded roads;
- (7) 11 M ft. B. M. untreated timber including bridge iron;
- (8) 360 c.y. class A cement stone masonry (falls);
- (9) 290 c.y. class A cement stone masonry (guard rail type 2);
- (10) 430 lft. culverts (alternate);
- (11) 200 lft. 3-inch extra strength reinf. concrete culvert pipe;
- (12) 20,000 c.y. handlad rock embankment;
- (13) 100 sq. yds. paved culvert inlets, type 1.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 29

BIDS WANTED

NAVAJO COUNTY, Ariz.—Until October 7, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Showlow-Holbrook Highway, F. A. 136-A (1) (1939) APE 7704. The work, which is to begin near Showlow and to extend northerly about 9.8 miles, consists of grading and draining over a new alignment and is to be completed on or before July 31, 1939.

Work involves:

- (1) 69,200 c.y. rdwy. excav.;
- (2) 3,000 c.y. slides and overbreaks;
- (3) 3,000 c.y. drainage excav.;
- (4) 15,800 lft. 2x1-ft. dikes;
- (5) 600 c.y. dikes (larger than 2x 1-ft.);
- (6) 1,100 c.y. struc. excav.;
- (7) 164,000 sta. yds. overhaul;
- (8) 3,300 c.y. mt. overhaul;
- (9) 70,200 c.y. imported borrow;
- (10) 102,800 c.y. imported borrow base course;
- (11) 22,400 tons select material base course;
- (12) 30,000 c.y. stripping pits;
- (13) 3500 M. gals. sprinkling;
- (14) 2000 hours rolling;
- (15) 418 c.y. Class A concrete;
- (16) 32,000 lbs. reinforcing steel;
- (17) 1486 lft. CMP (4 sizes);
- (18) 106,200 lft. line fence.

Plans and specifications may be obtained from Arizona State Highway Engineer Howard S. Reed. 29

CONTRACT AWARDED

SAN FRANCISCO.—Macco Const. Co., 815, Paramount Blvd., Clearwater, at \$593,042 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for construction of a portion of the State Highway bet. Lake Street and Golden Gate Bridge Approach, in the City of San Francisco, consisting of about 2.1 mile grading, including approx. 1300 feet of reinforced concrete tunnel construction. 29

AWARD RECOMMENDED

FRESNO CO., Calif.—Hemstreet & Bell, 501 11th Street, Marysville, at \$305,541.10, has been recommended for an award of contract by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for grading 4.713 mi., Section B of the Fresno-General Grant Park Approach Road, Sequoia National Forest, Fresno Co., Calif. * 29

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Lewis Construction Co., 3440 W Second St., Los Angeles, at \$64,237.00 awarded contract by State Division of Highways, Sacramento, for constructing a portion of State Highway in Los Angeles County bet. 1.5 miles north of Azusa and San Gabriel River Bridge, consisting of about 0.7 mile to be graded and surfaced with plant mixed surfacing. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento October 11 and in Los Angeles October 13.

Following is a list of blue prints and prices:

IV-SO-56-C.D., bet. Boiler Gulch and Miller Creek, bids to be opened in Sacramento; PLANS (No. sheets) 16; (Cost) \$1.00; CROSS-SECTIONS (No. of sheets) 26; (Cost) \$2.60; (Total) \$4.20.

VIII-Riv-78-E, bridge across Temecula Creek, bids to be opened in Los Angeles; PLANS (No. of sheets) 10 (Cost) \$1.00; No Cross-Sections; (Total) \$1.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. * 29

CONTRACT AWARDED

SAN DIEGO CO., Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$162,930.30 awarded the contract by the State Division of Highways, Sacramento, for about 2.1 miles to be graded and portions to be paved with Portland cement concrete and plant mix surfacing between Oakley Ave. in La Mesa and Grossmont (XI-SD-12-LMSAA, E), San Diego County. * 29

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Unired Concrete Pine Corp., 1347 West 208th St., Los Angeles, at \$12,117.00 awarded contract by the State Division of Highways, Sacramento, for constructing an earth dike and protecting with slope paving at White-water Bridge (VII-Riv-26-D), Riverside County. * 29

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Campbell Construction Co., 800 "R" Street, Sacramento, at \$77,011.80 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for construction of an undergrade crossing under the tracks of Southern Pacific Railroad about four miles northeast of Ben Ali Station and about 0.2 mile grading and paving with Portland cement concrete, Sacramento County. * 29

CONTRACT AWARDED

SAN FRANCISCO—Love & Hann, 3354 20th St., San Francisco, at \$396 awarded contract by the Department

of Public Works, Room 251, City Hall, under Spec. No. 19183, for constructing an armored concrete curb on Monterey Blvd. bet. Yerba Buena Blvd. and St. Elmo Way, involving about 450 l.f. of armored concrete curb. *

CONTRACT AWARDED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at \$800 awarded contract by the Department of Public Works, Room 251, City Hall, for repairs and maintenance of Slide No. 1, Contract No. 2, on Joost Ave. bet. Acacia and Baden Sts., San Francisco. *

CONTRACT AWARDED

PIMA COUNTY, Ariz.—E. L. Yeager, Phoenix, at \$61,296.72 awarded contract by the Arizona Highway Commission, Phoenix, for highway improvement on FAS 120-C, (1) (1939). AFE 8510, Ajo - Gila Bend Highway. The work, which begins at Ajo and extends northerly about 4 1/2 miles, consists of grading, draining and bituminous treated base course and is to be completed on or before March 15, 1939. *

BIDS WANTED

LASSEN COUNTY, Cal.—Until October 4, 2 P. M., bids will be received by the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, for about 0.6 mile of grading and surfacing with gravel and applying penetration oil treatment between 3 miles south of Standish and Wendel, Lassen Co. Plans and specifications may be obtained from the above office. *

30—RESERVOIRS & DAMS

CONTRACT AWARDED

CONCHAS DAM, N. M.—McCarthy Improvement Co., Davenport, Iowa, at \$307,107.25 awarded contract by U. S. Engineer, Conchas Dam, N. M., for construction of the irrigation headworks of the Conchas Dam project, consisting of a reinf. concrete lined tunnel 700 ft. dia. of which 320 ft. is an 11-ft. dia. circular tunnel and 310 ft. is a 22-ft. horseshow tunnel. The sections are connected by a gate chamber lined with reinforced concrete. Supplemental work includes an approach channel, intake structure, outlet portal wall and access cut. *

31—PIPE LINES & WELLS

September 29, 1938

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at \$5,907.52.00 submitted low bid to the

Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D 187, for laying of 6- and 12-inch cast iron mains in 37th, 38th, 39th Avenues, Lawton and Quintara Sts., San Francisco.

Work involves:

- (1) Excavation and backfill;
 - (a) 3,240 l.f. for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
 - (b) 940 l.f. for 12-inch cast iron pipe, trench 24-inch wide by 44-inch deep;
- (2) 30 c.v. additional excavation and backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 1480 l.f. 6-inch bolted joint cast iron pipe;
 - (b) 1760 l.f. 8-inch bell and spigot cast iron pipe;
 - (c) 940 l.f. 12-inch bell and spigot cast iron pipe;

- (5) 6,000 lbs. fittings, gate valves, etc., installed;
- (6) 484 l.f. bell and spigot joints for pipe and fittings;
- (6a) 250 bolted joints for 6-inch cast iron pipe;
- (7) 1050 sq. ft. street pavement;
- (8) 136 1/2-inch screw taps installed;
- (9) 2500 l.f. 1/2-inch galv. iron service pipe installed;
- (10) furnishing cast iron pipe—Class 150:
 - (a) 1480 l.f. 6-inch bolted cast iron pipe at \$0.74 per l.f.;
 - (b) 1760 l.f. 8-inch bell and spigot cast iron pipe at \$1.00 per l.f.;
 - (c) 940 l.f. 12-inch bell and spigot cast iron pipe at \$1.79 per l.f.;
- (11) furnishing bell end gate valves;
 - (a) 2 six-inch valves at \$17.00 each;
 - (b) 3 eight-inch valves at \$20.50 each;
 - (c) 1 12-inch valve at \$38.00 each;
- (12) furnishing bell and spigot cast iron fittings; 4,000 lbs. at \$0.06 per lb.;
- (13) furnishing steel band and bolts, 450 lbs. at \$0.05 per lb.;
- (14) furnishing 1/2-inch galv. iron service pipe, 2500 l.f. \$0.06 per l.f.;
- (15) Lump sum, furnishing 1/2-inch fittings for services at \$227;
- (16) Lump sum, engineering and supervising, \$80.00;
- (17) Lump sum, connections, \$218.

Total bids follow:

(A) E. J. Treacy.....	\$8,907.52
(B) Eaton and Smith.....	9,153.20
(C) S. F. Water Dept.....	9,175.40
(D) Fay Imp. Co.....	9,354.22
(E) W. J. Tobin, Oakland.....	9,682.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1a).....	\$343	\$40	\$36	\$37	\$40
(1b).....	72	49	61	70	50
(2).....	1.00	1.00	.51	.10	.50
(3).....	.....	.....	.....	.....	.....
(4a).....	.06	.07	.07	.09	.06
(4b).....	.08	.07	.09	.11	.07
(4c).....	.12	.10	.16	.25	.20
(5).....	.03	.04	.03	.025	.03
(6).....	.30	.40	.36	.38	.30
(7a).....	.30	1.00	2.1	2.2	.30
(7b).....	.24	.30	.26	.25	.25
(8).....	1.00	2.00	.51	.90	1.50
(9).....	.14	.10	.26	.22	.30
(10a).....	.74	.74	.74	.74	.74
(10b).....	1.00	1.00	1.00	1.00	1.00
(11a).....	1.79	1.79	1.79	1.79	1.79
(11b).....	17.00	17.00	17.00	17.00	17.00
(12).....	20.50	20.50	20.50	20.50	20.50
(13).....	38.00	38.00	38.00	38.00	38.00
(14).....	.06	.06	.06	.06	.06
(15).....	.05	.05	.05	.05	.05
(16).....	227.00	227.00	227.00	227.00	227.00
(17).....	218.00	218.00	218.00	218.00	218.00

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at \$3,168.00 submitted the low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 190, for laying 8-inch cast iron mains in Innes Avenue and Coleman St.

Work involves:

- (1) 1,500 l.f. excavation and backfill for 8-in. pipe, trench 17-in. wide by 36-in. deep;
- (2) 5 c.v. additional excavation and backfill;
- (3) no item 3;
- (4) 1,500 l.f. 8-in. bell and spigot cast iron pipe installed;
- (5) 2,000 lbs. fittings, gate valves, etc., installed;
- (6) 280 l.f. bell and spigot joints for pipe and fittings;
- (7) 2,400 sq. ft. oiled macadam street pavement with 4-in. base;
- (8) no item 8;
- (9) no item 9;
- (10) Furnishing cast iron bell and

spigot pipe, Class 150; 1,500 l.f. 8-in. pipe at \$1.00 per l.f.;

- (1) Furnishing bell and gate valves; four 8-in. valves at \$20.50 each;
- (12) Furnishing bell and spigot cast iron fittings; 1,000 lbs. at \$0.06 per lb.;
- (13) Furnishing steel band and bolts: 100 lbs. at \$0.05 per lb.;
- (14) no item 14;
- (15) no item 15;
- (16) Lump sum, engineering and supervision, \$50.00;
- (17) Lump sum, connections, \$60.00.

Total bids follow:

(A) E. J. Treacy	.....	\$3,168.00
(B) The Fay Imp. Co.	.....	3,189.00
(C) W. J. Tobin	.....	3,498.00
(D) S. F. Water Dept.	.....	3,968.00

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$.663	\$.54	\$.66	\$ 1.20
(2).....	1.50	.50	3.00	1.00
(3).....	.....	.....	.....	.....
(4).....	.08	.123	.10	.07
(5).....	.03	.025	.03	.03
(6).....	.35	.35	.30	.35
(7).....	.045	.11	.17	.05
(8).....	.....	.....	.....	.....
(9).....	.....	.....	.....	.....
(10).....	1.00	1.00	1.00	1.00
(11).....	20.50	20.50	20.50	20.50
(12).....	.06	.06	.06	.06
(13).....	.05	.05	.05	.05
(14).....	.....	.....	.....	.....
(15).....	.....	.....	.....	.....
(16).....	80.00	80.00	80.00	80.00
(17).....	60.00	60.00	60.00	60.00
				31

BIDS WANTED

GUSTINE, Merced Co., Calif.—Until October 21, 10 A. M., bids will be received by the Board of Directors of the Gustine Drainage District, Nellie J. Wehner, Secretary, Justice's Courtroom, Gustine, for drilling, casing and developing two drainage wells.

Plans and specifications may be obtained from Frank Davis, Engineer, 2325 Dwight Way, Stockton, upon deposit of \$5.00. * 31

CONTRACT AWARDED

SACRAMENTO, Cal.—M. J. Lynch, 1435 Church St., San Francisco, at \$43,534 awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of a new water mains, Sections 1 to 5 in Sacramento. PWA project.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until Oct. 10, 7:30 P. M. (tentative date), bids will be received by the Santa Paula city council, M. G. Demarest, Clerk, for the construction of about 7200 l.f. of 24-in. vit. outfall sewer line connecting the main line of the collection system with the proposed treatment plant. The work is estimated to cost \$30,000, funds for which have been provided from the State flood emergency funds, Harry N. Jenks, 345 Madrone Ave., Palo Alto, consulting engineer. * 32

BIDS WANTED

LAKEPORT, Lake Co., Calif.—Until October 14, 7:30 P. M., new bids will be received by the Lakeport City Council, D. W. Dillard, City Clerk, City Hall, Lakeport, for construction of Project Unit 1, Municipal sewage disposal project, PWA project.

Plans and specifications may be obtained from the above office upon the deposit of \$10, returnable.

Bids opened September 16 were all rejected. * 32

COMPLETE BIDS

DELANO, Kern Co., Calif.—J. E. Pettijohn and Geo. F. Haddisan, P. O. Box 141, Delano, at \$53,392.20 submitted low bid and was awarded contract (subject to PWA approval) by the Delano City Council, Scott G. Ladd, City Clerk, City Hall, Delano, for the construction of a sewage disposal plant, water extensions and a fire alarm system.

The other bids were:
Sutalo & Ramljak, L. A., \$55,200.
H. A. Teget, Ontario, \$56,936.30.
M. S. Kemper, L. A., \$58,189.40.
Underground Const. Co., Oakland, \$58,351.

Bennett & Taylor, L. A., \$59,116.07.
Trewitt, Shields & Fisher, Fresno, \$59,805.38.

Hoagland Engr. & Const. Co., Long Beach, \$63,222.10.

Contracting Engrs. Co., Inc., L. A., \$63,306.80.

J. C. Hickey, Alhambra, \$67,930.
Gates & Huntley, L. A., \$67,944.90.
Complete unit prices on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. * 32

BONDS VOTED

DIXON, Sacramento Co., Calif.—The City of Dixon voted bonds in the amount of \$18,000 to finance the erection of a sewage disposal plant. Application has been made to the PWA for a 45% grant. * 32

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until Oct. 10, 7:30 P. M. (tentative date), bids will be received by the Santa Paula city council, M. G. Demarest, Clerk, for the construction of a trickling filter type sewage disposal plant in accordance with plans and specifications prepared by Harry N. Jenks, 345 Madrone Avenue, Palo Alto. The cost is estimated at \$65,000, of which 45% is a PWA grant. A copy of the plans is on file at the office of the city engineer, Santa Paula, but bidders will not be able to obtain copies until later. * 32

BIDS OPENED

SACRAMENTO, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$78,424 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the "H" Street sewer in the City of Sacramento. Estimated cost \$128,921. PWA project.

Total bids follow:
Union Paving Co., San Francisco, \$78,424.00

Artukovich Bros., Hynes, \$91,000.00.
A. Telchert & Son Inc., Sacramento, \$99,503.00.

Gogo and Rados, Los Angeles, \$100,745.00.

Geo. Pollock Co., Sacramento, \$103,664.00.

J. W. Terrell, Sacramento, \$104,900.00.

MacDonald & Kahn Co., Ltd., S. F., \$106,600.00.

Pacific States Construction Co., S. F., \$115,740.00.

A. Soda and Son, Oakland, \$117,200.00.

V C K Construction Co., Los Angeles, \$118,000.00. * 32

BIDS OPENED

SACRAMENTO, Calif.—Union Paving Company, 212 Babcock Bldg., San Francisco, at \$83,496 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of the "O" St. sewer in the City of Sacramento. Estimated cost \$144,639. PWA project.

Total bids follow:

Union Paving Co., San Francisco, \$83,496.00.

Artukovich Bros., Hynes, \$99,000.00.
Gogo and Rados, Los Angeles, \$92,740.00.

A. Telchert & Son Inc., Sacramento, \$101,700.00.

Geo. Pollock Co., Sacramento, \$104,094.00.

V C K Construction Co., Los Angeles, \$105,000.00.

MacDonald and Kahn Co. Ltd., San Francisco, \$110,700.00.

Lord and Bishop, Sacramento, \$114,900.00.

Pacific States Construction Co., San Francisco, \$134,400.00. * 32

BID OPENED

OAKLAND, Calif.—W. J. Tobin, 3701 Balfour Avenue, Oakland, submitted only bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for construction of Diamond Canyon sanitary outlet sewers with appurtenances between Leimert arid Mountain Blvd., Oakland.

Work involves:

(1) 2633 l.f. 21-inch reinforced concrete pipe sewer;

(2) 917 concrete jacks;

(3) 423 with concrete cradles;

(4) 181 6x6 7 ft. reinforced concrete culvert exclusive of reinforcing steel;

(5) 237 6x6 7 ft. tunnel with reinforced concrete lining, exclusive of reinforcing steel;

(6) 246 c.y. concrete, end walls, aprons and dam exclusive of reinforcing steel;

(7) 114,102 lbs. reinforcing steel;

(8) 6 standard manholes;

(9) 2 manhole covers;

(10) 13 special manholes;

(11) 1 lamphole;

(12) 2 drop connections.

Unit prices follow:

(1) \$15, (2) \$6.50, (3) \$16, (4) \$26,

(5) \$35, (6) \$30, (7) \$0.05, (8) \$175,

(9) \$150, (10) \$250, (11) \$25, (12) \$20.

* 32

33— WATER WORKS

BIDS WANTED

CENTRAL VALLEY PROJ., Cal.—As previously reported until Oct. 14, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 603, for the construction of pumping plants Nos. 1, 2, 3 and 4, Contra Costa Canal, Delta Division, Central Valley Project. Work is located near Antioch, Calif.

The complete items are:
PUMPING PLANTS Nos. 1, 2, 3 & 4, CONTRA COSTA CANAL, DELTA DIV., CENTRAL VALLEY PROJ., CALIFORNIA

Bids will be considered on all or any number of the following schedules. Bidders may make such stipulations as they desire regarding combinations of schedules, but no bid will be considered for only a part of any schedule.

SCHEDULE NO. 1

A. PUMPING PLANT NO. 1

(1) lump sum, unwatering foundations;

(2) 8000 c.y. excav. for pumping plant;

(3) 280 c.y. placing gravel subbase;

(4) 860 c.y. placing gravel fill and blankets;

(5) 4800 c.y. backfill;

(6) 3400 c.y. compacting backfill;

(7) 1140 c.y. concrete;

(8) 105,000 lbs. placing reinf. bars;

(9) 630 l.f. placing metal sealing strips;

(10) 130 l.f. installing rubber water stops;

- (11) 100 sq. ft. installing elastic joint filled matl.;
- (12) 200 sq. yds. placing bonded concrete flr. finish;
- (13) 1800 sq. ft. installing asphalt saturated felt roofing complete with flashing;
- (14) 650 sq. ft. placing membrane waterproofing;
- (15) 170 sq. yds. applying liquid dampproofing;
- (16) 12,500 lbs. installing discharge pipes;
- (17) 36,000 lbs. installing trashrack and stop log metalwork;
- (18) 16,000 lbs. installing traveling crane and crane rails;
- (19) 12,000 lbs. installing metal flr. plates and gratings and frames, pipe hand rails, and hatchway and manhole frames and covers;
- (20) 170 s. ft. installing metal doors;
- (21) 500 sq. ft. installing metal sash windows;
- (22) 150 lbs. installing window operators;
- (23) 100 sq. ft. installing metal partitions;
- (24) 500 lbs. installing plbg. fixtures;
- (25) 800 lbs. installing metal ventilators;
- (26) 2500 lbs. installing misc. metalwork;
- (27) 1000 l.f. installing elec. metal conduit 1 1/2 in. or less in diam.;
- (28) 300 l.f. installing elec. metal conduit more than 1 1/2 in. and not more than 3 in. in diam.;
- (29) 600 lbs. installing ground wire;
- (30) 140 s. ft. constr. temporary timber flrs.

- (58) 600 lbs. installing ground wires;
- (59) 140 sq. ft. constr. temporary timber flrs.;

SCHEDULE NO. 3
PUMPING PLANT No. 3

- (60) 5000 c.y. excav. for pumping plant;
- (61) 180 c.y. placing gravel subbase;
- (62) 500 c.y. placing gravel fill;
- (63) 4000 c.v. backfill;
- (64) 2800 c.v. compacting backfill;
- (65) 1170 c.v. concrete;
- (66) 105,000 lbs. placing reinf. bars;
- (67) 610 l.f. placing metal sealing strips;
- (68) 270 l.f. installing rubber water stops;
- (69) 250 sq. ft. installing elastic joint filler matl.;
- (70) 200 sq. yds. placing bonded concrete flr. finish;
- (71) 1800 sq. ft. installing asphalt saturated felt rfg. complete with flashing;
- (72) 650 sq. ft. placing membrane waterproofing;
- (73) 170 sq. vds. applying liquid dampproofing;
- (74) 19,000 lbs. installing discharge pipes;
- (75) 16,000 lbs. installing trashrack and ston log metalwork;
- (76) 2500 lbs. installing traveling crane and crane rails;
- (77) 11,000 lbs. installing metal flr. plates and gratings and frames, pipe hand rails, and hatchway and manhole frames and covers;
- (78) 220 sq. ft. installing metal doors;
- (79) 450 sq. ft. installing metal sash windows;
- (80) 150 lbs. installing metal sash window operators;
- (81) 100 sq. ft. installing metal partitions;
- (82) 500 lbs. installing plumbing fixtures;
- (83) 800 lbs. installing metal ventilators;
- (84) 2500 lbs. installing misc. metalwork;
- (85) 1000 l.f. installing elec. metal conduit 1 in. or less in diam.;
- (86) 200 l.f. installing elec. metal conduit more than 1 1/2 in. and not more than 3 in. in diam.;
- (87) 600 lbs. installing ground wires;
- (88) 140 sq. ft. constr. temporary timber flrs.;

SCHEDULE NO. 4
PUMPING PLANT No. 4

- (89) 10,000 c.y. excav. for pumping plant;
- (90) 200 c.v. placing gravel fill;
- (91) 2000 c.v. backfill;
- (92) 3500 c.v. compacting backfill;
- (93) 1500 c.v. concrete in pumping plant;
- (94) 100,000 lbs. placing reinf. bars;
- (95) 610 l.f. placing metal sealing strips;
- (96) 540 l.f. installing rubber water stops;
- (97) 700 sq. ft. installing elastic joint filler matl.;
- (98) 200 sq. vds. placing bonded concrete flr. finish;
- (99) 1800 sq. ft. installing asphalt saturated felt rfg. complete with flashing;
- (100) 650 sq. ft. placing membrane waterproofing;
- (101) 170 sq. vds. applying liquid dampproofing;
- (102) 17,000 lbs. installing discharge pipes;
- (103) 16,000 lbs. installing trashrack and ston log metalwork;
- (104) 21,000 lbs. installing traveling crane and crane rails;
- (105) 11,000 lbs. installing metal flr. plates and gratings and frames, pipe handrails, and hatchway and manhole frames and covers;

- (106) 230 sq. ft. installing metal doors;
- (107) 450 sq. ft. installing metal sash windows;
- (108) 150 lbs. installing metal sash window operators;
- (109) 100 sq. ft. installing metal partitions;
- (110) 500 lbs. installing plumbing fixtures;
- (111) 800 lbs. installing metal ventilators;
- (112) 2500 lbs. installing misc. metalwork;
- (113) 1000 l.f. installing elec. metal conduit 1 1/2 in. or less in diam.;
- (114) 300 l.f. installing elec. metal conduit more than 1 1/2 in. and not more than 3 in. in diam.;
- (115) 600 lbs. installing ground wires;
- (116) 140 sq. ft. constr. temporary timber flrs.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor, and those furnished by the government are described in the specifications which will be a part of the contract.

Plans and specifications may be obtained from the above office at no charge to prospective bidders; others \$2.00 per copy, not returnable.

34— PARKS AND PLAY GROUNDS

CONTRACT AWARDED
WATSONVILLE, Santa Cruz Co., Calif.—Walter A. Hoff, Route 1, Box 674, Palo Alto, awarded contract at \$1,967 by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for landscape work at the U. S. P. O., at Watsonville.

CONTRACT AWARDED
YERBA BUENA SHOALS.—California Nurseries, Niles, at \$19,300.00 awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, for performing all work and providing and paying for materials, labor, tools, equipment, transportation and other facilities necessary for landscape treatment around a building located at Treasure Island, Yerba Buena Shoals.

BIDS WANTED
PORTLAND, Ore.—Until October 26, 10:00 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for landscape work at the U. S. P. O., East Portland Branch, Portland.

Drawings and specifications obtainable from the above office and from the Custodian of the building at Portland. **34**

35— TUNNELS

COMPLETE BIDS
CENTRAL VALLEY PROJECT, Calif.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at \$512,380.00 (Schedules 1, 2, 3, and 4) and West Construction Company, P. O. Box 486, Monrovia, at \$904,981 (Schedule 5) submitted the apparent low bids (when all bidder's stipulations are considered) to the U. S. Bureau of Reclamation, Old Post Office Building, Sacramento, under Spec. No. 796, for the construction of earthwork, tunnels, and structures for the Southern Pacific Railroad relocation, milepost 258.63 to milepost 272.68, Kennett division, Central Valley Project, Calif.:

Complete total bids follow:

Granfield-Farrar and Carlin, San Francisco, Sch. 1, \$176,387.70; Sch. 2, \$216,592.30; Sch. 3, \$206,425; Sch. 4, \$212,975.90. Schedules 1 and 2 and \$392,950; Schedules 1, 2, 3, and 4, \$812,380.90.

West Construction Co., Mooroviva, Sch. 5, \$904,981.00.

Colonial Construction Co. and Max J. Kuney, Spokane, Sch. 5, \$1,013,075.

Max J. Kuney Co., Spokane, Sch. 1, \$247,697.40; Sch. 2, \$291,427; Sch. 3, \$293,712; Sch. 4, \$301,462.20. Stipulation: All, any two, or none. Deduct 1c per cu. yd. excavation common and rock on items 2, 3, 41, 42, 77, 78, 107 and 108 on all Schedules.

Mittry Bros. Construction Co., Los Angeles, Sch. 5, \$1,013,393. Stipulation: By wire plus \$1.00 per c. yd. Items 146 and 152.

Shofner, Gordon and Hinman and Hunkin Constr. Co., Los Angeles, Sch. 5, \$1,074,619.

Gordon Construction Co., Denver, Sch. 3, \$321,431; Sch. 4, \$329,457.80; Sch. 5, \$1,049,959. Stipulations: Sch. 5 along or 3 and 4 together, 4 and 5 minus 5.04 rock, Item 108; 3 and 5 minus 5.04 Item 78; 3 and 4 and 5 minus \$0.05 Items 78, 108 and 146, making total Item 146 \$27,675.

J. E. Dixon, Los Angeles, Sch. 5, \$1,273,694.10.

Winston Bros. Co., L. A., Sch. 5, \$955,204.80.

Hinman Bros. Const. Co., Denver, Sch. 3, \$208,720.40, Sch. 4, \$226,422.10, Sch. 5, \$955,204.80.

Crow Bros. Const. Co., L. A., Sch. 1, \$207,063.70.

W. E. Callahan Const. Co., and J. P. Shirley, L. A., Sch. 1, \$362,486.40; Sch. 2, \$336,455.60. Stipulation: Both or none.

Clyde W. Wood, L. A., Sch. 1, \$283,214; Sch. 2, \$344,207.50. Stipulation: Either or both.

A. Teichert & Son, Inc., Sacramento, Sch. 1, \$275,591.60; Sch. 2, \$333,831; Sch. 3, \$345,865.60; Sch. 4, \$364,337.20.

Geo. Pollock Co., Sacramento, Sch. 1, \$295,354.60; Sch. 2, \$341,939; Sch. 3, \$279,586; Sch. 4, \$294,480.70; Sch. 5, \$1,063,740.

P. J. Twler, Oroville, Sch. 3, \$303,031.50; Sch. 4, \$308,710.18; Stipulation: either or both. Deduct \$6,000 if awarded both.

Heavey-Moore Co. and Frederickson and Watson Co., Oakland, Sch. 1, \$983,012.50; Sch. 2, \$237,041.41; Sch. 3, \$184,518.62; Sch. 4, \$183,616.56. Stipulation: all or none.

Frederickson and Westbrook, Lower Lake, Sch. 1, \$196,623.10; Sch. 2, \$294,111.10.

Hambhan-Connolly Co., S. F., Sch. 4, \$371,728; Sch. 5, \$1,083,173.00.

United Concrete Pipe Corp., L. A., Sch. 1, \$246,918.00; Sch. 2, \$288,403.50; Sch. 3, \$270,337; Sch. 4, \$277,432.50; Sch. 5, \$1,127,310. Stipulation: 1 and 4 or 1 and 2 or 2 and 3 or 3 and 4, or 5 alone.

Jahn & Bressi Const. Co., and R. C. Clifford, L. A., Sch. 1, \$190,986.90; Sch. 2, \$219,679.20; Sch. 3, \$251,064; Sch. 4, \$258,991.70; Sch. 5, \$1,114,652.40; Stipulation: 4 and 5 or all 5 alone.

D. W. Thurston, L. A., Sch. 5, \$1,139,057.50.

Utah Construction Co., S. F., Sch. 1, \$188,722.90; Sch. 2, \$291,338.70; Sch. 3, \$271,924.30; Sch. 4, \$279,472.70; Sch. 5, \$1,109,739.50. Stipulation: For all schedules, \$2,141,189.10; for 4 and 5, \$1,389,203.20.

Clifford A. Dunn, Klamath Falls, Sch. 1, \$258,004.50; Sch. 2, \$288,150.70; Sch. 3, \$247,661.60; Sch. 4, \$257,239.80. Stipulation: any single or adjacent

MARTINEZ—WATER MAINS—(CITY)

MARTINEZ, Contra Costa County, Calif.—J. A. Fazio, 402 Castro Street, Oakland, and M. J. McGuire and M. Hester, 1483 Hopkins Street, Oakland, (bidding jointly), at \$30,515.75 submitted low bid and were recommended for award of contract (subject to PWA approval) by the City of Martinez, Raymond B. Johnson City Clerk, City Hall, for construction of water main extensions. Contract B of PWA Docket Calif. 1749-F. Engineer's estimate \$30,700.

Work involves:

LINE A:

- (1) (A) 4290 lin. ft. 10-inch diameter "cement asbestos," Class 150, or cement lined cast iron Class 150, pipe in place including all ditching, back fill and replacing pavement.
- (B) 180 ft. 12-inch diameter "cement asbestos" Class 150, or cement lined cast iron Class 150, pipe in place including all ditching and backfill.
- (C) 400 ft. 8-inch diameter cement asbestos Class 150, or cement lined cast iron pipe class 150, pipe in place including all ditching, backfill and replacing pavement.
- (2) Construction of trestle for creek crossing at Arch Street.

LINE B:

- (3) 4375 lin. ft. 6-inch diameter cement asbestos, Class 150, or cement lined cast iron Class 150, pipe in place including all ditching, backfill and replacing pavement.
- (4) Reclaim 685 feet 4 inch pipe.
- (5) 560 lin. ft. relaying, reclaimed 4-inch cast iron pipe including all ditching, backfill and replacing pavement.

- (6) 450 lbs. relaying reclaimed four-inch valves and fittings.
- (7) 1530 lin. ft. 8-inch diameter cement cast iron, or Durolite steel pipe, including all ditching, backfill and replacing pavement.

LINE E:

- (8) 5590 lin. ft. 6-inch diameter cement lined cast iron or Durolite steel pipe including all ditching, backfill and replacing pavement.
- (9) 1950 lin. ft. reclaiming existing 4-inch cast iron pipe, valves and fittings and distributing same for re-use, including all ditching, backfill, and replacing pavement.
- (10) 260 lin. ft. relaying reclaimed 4-inch cast iron pipe including all ditching, backfill and replacing pavement.

- (11) 300 lbs. relaying reclaimed four-inch valves and fittings.
- (12) 3 resetting existing Carey type fire hydrants, including excav. and backfill.
- (13) 12,100 lbs. furnishing and installing unclassified cast iron fittings
- (14) 3 furnishing and installing new fire hydrants, including excav. and backfill.
- (15) One 12-inch by 10-inch tapping sleeve with 10-inch tapping valve, valve box and cover, in place.
- (16) One 12-inch by 8-inch tapping sleeve with 8-inch tapping valve, valve box and cover, in place.
- (17) 5 6-inch tapping sleeve with 6-inch tapping valve, valve box and cover, in place.
- (18) One 6-inch tapping cross with two 6-inch tapping valves, valve boxes and covers, in place.
- (19) Four 4-inch tapping sleeve with 4-inch tapping valve, valve box and cover, in place.
- (20) One 12-inch hub end gate valve with valve box and cover, in place.
- (21) 7 10-inch hub end with gate valves, with valve boxes and covers in place.
- (22) 2 8-inch hub end gate valves, with valve boxes and covers, in place.
- (23) 19 6-inch hub end gate valves with valve boxes and covers, in place.
- (24) 6 new 4-inch hub end gate valves with valve boxes and covers, in place.
- (25) 6 cu. yds. concrete for blocking, fittings, valves, hydrants, etc., and for pipe anchorages.
- (26) One 1-inch air release valve in redwood box.

Total bids follow:

- (A) J. A. Fazio and M. J. McGuire and M. Hester, Oakland, \$30,515.75.
- (B) Underground Construction Co., Oakland, \$31,948.50.
- (C) E. J. Treacy, San Francisco, \$33,041.50.
- (D) W. J. Tobin, Oakland, \$33,929.15.
- (E) H. E. Conner, Redwood City, \$36,615.33.
- (F) M. J. Lynch, San Francisco, \$37,423.50.
- (G) Robert B. McNair, Oakland, \$37,976.35.
- (H) Mills Construction Co., San Francisco, \$41,568.20.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1a)	\$ 2.07	\$ 2.35	\$ 2.28	\$ 2.44	\$.27	\$ 2.00	\$ 2.60	\$ 2.50
(1b)	2.53	2.80	2.20	2.40	2.53	2.00	2.50	2.70
(1c)	1.59	1.60	1.75½	1.80	1.07	2.00	1.95	2.44
(2)	200.00	200.00	243.30	75.00	300.00	200.00	150.00	85.00
(3)	1.25	1.20	1.31	1.45	1.53	1.50	1.35	1.66
(4) .....	.25	.30	.40	.53	.50	.70	.48	.84
(5) .....	.52	.30	.60	.53	.50	1.00	.85	.96
(6) .....	.03	.04	.07	.05	.06	.03	.10	.15
(7)	1.83	1.60	2.25	1.80	2.70	2.20	2.30	2.36
(8)	1.25	1.25	1.33	1.40	1.80	1.60	1.65	1.80
(9) .....	.25	.30	.35	.53	.50	.70	.48	.84
(10) .....	.02	.03	.04	.05	.05	1.00	.68	.94
(11) .....	.03	.04	.07	.05	.06	.03	.10	.18
(12)	20.00	20.00	20.00	15.00	20.00	20.00	15.00	40.00
(13) .....	.07	.12	.08	.08	.08	.10	.07	.12
(14)	64.00	90.00	66.00	62.50	62.00	70.00	70.00	90.00
(15)	124.00	180.00	150.00	200.00	9954.00	200.00	250.00	207.00
(16)	105.00	120.00	99.40	125.00	77.78	175.00	150.00	135.00
(17)	72.00	80.00	63.30	85.00	50.17	150.00	100.00	95.00
(18)	127.00	120.00	102.50	140.00	85.71	200.00	175.00	150.00
(19)	55.00	50.00	44.20	67.50	35.40	77.50	75.00	72.00
(20)	87.00	110.00	92.10	85.00	71.60	100.00	90.00	125.00
(21)	70.00	80.00	72.40	70.00	56.15	90.00	75.00	100.00
(22)	56.00	65.00	45.25	47.00	36.48	80.00	54.00	64.00
(23)	41.00	40.00	32.70	35.00	32.06	85.00	35.00	55.00
(24)	28.00	35.00	20.00	20.00	20.20	59.00	25.00	30.00
(25)	20.00	15.00	12.50	15.00	20.00	15.00	15.00	20.00
(26)	45.00	50.00	38.00	17.50	22.75	60.00	30.00	50.00

ent schedules not more than any two.

Sam Orino, Portland, Sch. 2, \$348,298; Sch. 3, \$334,803.90; Sch. 4, \$338,163.50.

John Marsch Inc., Chicago, and Edward Peterson Co., Omaha, Sch. 1, \$233,926.75; Sch. 2, \$268,690.20; Sch. 3, \$230,159.10; Sch. 4, \$236,453.85; Stipulation: Only all four schedules together, total \$969,259.90.

Lewis Construction Co. L. A., Sch. 1, \$275,631.80; Sch. 2, \$279,189.90; Sch. 3, \$270,651.80; Sch. 4, \$265,057. Stipulation: Accept only one.

Natt McDougall Co. and A. Guthrie Inc., Portland, Sch. 1, \$274,360.20; Sch. 2, \$327,892.20; Sch. 3, \$286,197.80; Sch. 4, \$332,000.60; Sch. 5, \$1,299,721.80. Stipulation: All four or 5 alone.

Siemens-Spokane Co., Spokane, Sch. 2, \$333,924.30; Sch. 3, \$316,397.29; Sch. 4, \$329,725. Stipulation: Will accept one schedule only.

N. M. Ball Sons, Berkeley, Sch. 1, \$191,990.10.

MacDonald and Kahn Co., Ltd., San Francisco, Sch. 5, \$991,518.

Bates and Rogers Const. Co., Oakland Sch. 2, \$260,428.56; Sch. 3, \$204,771.58; Sch. 3, \$200,338.44; Sch. 5, \$1,039,247.62. Stipulation: Will accept 5 alone or all four alone or all.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$500; 6434 Callford St.; owner, F. A. Krane, premises; contractor, Lloyd Const. Construction Co., 2652 Harrison St. SIGN, electric, \$200; 427 Columbus Ave.; owner, Galletti Brothers, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis.

SIGN, electric, \$50; 840 Post Street; owner, Yosemite Gravlines, 840 Post St.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$450; 2595 32nd Ave.; owner, Edw. Burke, 2595 32nd Ave.

ALTER dwelling, \$150; 1681 Palou; owner, E. Lassattella, 1675 Palou; contractor, Dream House Builders, 416 Kearny St.

ALTER service station, \$900; NE Pine and Steiner; owner, Standard Oil Co., 225 Bush St.

ALTER dwelling, \$500; 356 Corbett Ave.; owner, Helen Frechs, 356 Corbett Ave.; contractor, Lloyd Const. Co., 2652 Harrison St.

ALTER dwelling, \$500; 22 John St.; owner, John Chew, prem.; contractor, Lloyd Const. Co., 2652 Harrison St.

SIGN, electric, \$150; 151 Potrero; owner, Nason, premises; contractor, Apex Elec. Co., 363 Fell.

FLATS, alter, \$350; 2838 Folsom St.; owner, Wm. Ingham, premises.

ALTER dwelling, \$300; 260 Tingley; owner, A. Schofield, prem.; contractor, Lincoln U. Grant, 658 3rd Ave.

ALTER dwelling, \$250; 714 North Pt. St.; owner, S. Demato, prem.; contractor, Robinson & Johnston, 180 Oak St.

ALTER dwelling, \$750; 5424 Anza; owner, Richard Szymanski, 5424 Anza St.

ALTER store, \$800; S Geary 60 W Grant Ave.; owner, Howard B. Morrow, Geary and Grant Ave.; contractor, Graham & Jensen, 728 35th Ave.

ALTER dwelling \$575; 2586 Diamond St.; owner, W. D. Blacklock, 2586 Diamond St.; contractor, Modernization Co. of Calif., 3601 Geary.

ALTER dwelling, \$500; 415 Connecticut; owner, Harry Bemmer, 415 Connecticut; contractor, Lloyd Const. Co., 2652 Harrison St.

TULARE COUNTY—GRADING & SURF.—(STATE)

TULARE COUNTY, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$40,565 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for about 11.1 miles grading and applying road-mix surface treatment between Visalia Airport and 4 miles south of Dinuba (VI-Tul-Feeder), Tulare County.

Work involves:
 (1) 500 M gals. water;
 (2) 3700 c.y. rdwy. excav.;
 (3) 53,000 c.y. imported borrow;
 (4) 1600 tons liq. asph. SC-2 road mix surf. treatment;
 (5) 158,000 sq. yds. prepare, mix and shape roadbed.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$1.00	\$2.00	\$2.00	\$1.00	\$1.50	\$2.00	\$1.25	\$1.50	\$1.50	\$2.00
(2).....	.15	.37	.28	.25	.20	.30	.25	.35	.30	.16
(3).....	.34	.41	.38	.40	4.25	4.40	.50	.54	.54	.55
(4).....	8.00	6.90	8.75	8.13	8.65	9.00	8.50	8.50	8.00	8.75
(5).....	.055	.04	.045	.05	.04	.042	.05	.048	.055	.06

(A) Union Paving Co., San Francisco, \$40,565.00.
 (B) Griffith Co., Los Angeles, \$41,459.00.
 (C) Stewart & Nuss, Fresno, \$43,286.
 (D) N. M. Ball Sons, Berkeley, \$43,565.00.
 (E) Piazza & Huntley, San Jose, \$43,910.00.
 (F) Lewis Orsatti & Son and Claude C. Wood, \$44,346.00.
 (G) Basich Bros., Torrance, \$49,550.
 (H) L. A. Briscoe, Arroyo Grande, \$49,729.00.
 (I) J. E. Haddock, Ltd., Pasadena, \$54,190.00.
 (J) S. Edmondson & Sons, Los Angeles, \$54,222.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$1.00	\$2.00	\$2.00	\$1.00	\$1.50	\$2.00	\$1.25	\$1.50	\$1.50	\$2.00
(2).....	.15	.37	.28	.25	.20	.30	.25	.35	.30	.16
(3).....	.34	.41	.38	.40	4.25	4.40	.50	.54	.54	.55
(4).....	8.00	6.90	8.75	8.13	8.65	9.00	8.50	8.50	8.00	8.75
(5).....	.055	.04	.045	.05	.04	.042	.05	.048	.055	.06

INYO COUNTY—GRADING — SURFACING—(STATE)

INYO COUNTY, Calif. — Oswald Brothers, 366 East 58th Street, Los Angeles, at \$48,856.40 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 11.1 miles grading and surfacing with road mix surface treatment between Death Valley National Monument and Death Valley Junction, Inyo Co., Calif.

Work involves:
 (1) Clear and grub;
 (2) 47,800 cu. yds. rdwy. excav. without class;
 (3) 530 Cu. yds. struct. excav.;
 (4) 88,050 cu. yds. ditch excav.;
 (5) 10,900 cu. yds. imported surfacing material;
 (6) 79,000 sta. yds. overhaul;
 (7) 584 sta. finish rdwy.;
 (8) 371 tons liq. asph. SC-2;
 (9) 131,000 sq. yds. prep. mix and shape roadbed;
 (10) 280 lin. ft. 24-inch C M P;
 (11) 89 each remove and reset guide posts;
 (12) 28 each dip markers;
 (13) 2,380 cu. yds. light riprap,
 (14) 89 each monuments.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$2500.00	\$500.00	\$1460.00	\$1000.00	\$1000.00	\$4000.00	\$1150.00
(2).....	.15	.18	.25	.17	.23	.25	.245
(3).....	.75	1.00	1.00	1.00	1.25	1.00	1.00
(4).....	.15	.18	.13	.18	.29	2.00	2.45
(5).....	.40	.42	.45	.75	.75	.60	.40
(6).....	.01	.81	.01	.004	.005	.01	.01
(7).....	7.40	4.00	5.00	8.00	5.00	5.00	12.50
(8).....	10.00	14.00	12.90	11.00	15.00	14.00	15.00
(9).....	.03	.025	.052	.035	.045	.04	.05
(10).....	2.50	3.00	2.93	2.80	3.00	3.50	3.50
(11).....	1.00	2.00	1.50	2.00	2.00	1.00	1.25
(12).....	1.50	3.00	3.60	3.00	2.00	4.00	4.00
(13).....	3.06	2.50	3.10	3.00	2.50	3.00	2.50
(14).....	4.00	2.00	3.50	3.00	3.50	4.00	4.00

(A) Oswald Bros., 366 E 58th Street, Los Angeles, \$48,856.40.
 (B) J. A. Casson, Hayward, \$48,886.00.
 (C) Crowe Bros. Const. Co., Los Angeles, \$54,326.80.
 (D) Basich Bros., Torrance, \$55,787.00.
 (E) Parrish Bros., Eldridge, \$59,671.50.
 (F) Fredericksen & Westbrook, Sacramento, \$63,451.00.
 (G) S. Edmondson & Son, Los Angeles, \$67,037.50.
 (H) Dodge Construction, Inc., Fallon, Nevada, \$69,116.00.
 (I) Griffith Co., Los Angeles, \$72,928.80.
 (J) Ishell Const. Co., Reno, \$74,004.50.
 (K) C. G. Willis & Son and Chas. G. Willis, Los Angeles, \$77,062.65.
 (L) United Concrete Pipe Corp., Los Angeles, \$78,049.00.
 (M) Geo. Herz Co., San Bernardino, \$79,556.00.
 (N) Oilfields Trucking Co., Bakersfield, \$80,608.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$2500.00	\$500.00	\$1460.00	\$1000.00	\$1000.00	\$4000.00	\$1150.00
(2).....	.15	.18	.25	.17	.23	.25	.245
(3).....	.75	1.00	1.00	1.00	1.25	1.00	1.00
(4).....	.15	.18	.13	.18	.29	2.00	2.45
(5).....	.40	.42	.45	.75	.75	.60	.40
(6).....	.01	.81	.01	.004	.005	.01	.01
(7).....	7.40	4.00	5.00	8.00	5.00	5.00	12.50
(8).....	10.00	14.00	12.90	11.00	15.00	14.00	15.00
(9).....	.03	.025	.052	.035	.045	.04	.05
(10).....	2.50	3.00	2.93	2.80	3.00	3.50	3.50
(11).....	1.00	2.00	1.50	2.00	2.00	1.00	1.25
(12).....	1.50	3.00	3.60	3.00	2.00	4.00	4.00
(13).....	3.06	2.50	3.10	3.00	2.50	3.00	2.50
(14).....	4.00	2.00	3.50	3.00	3.50	4.00	4.00

SIGN, electric, \$300; 916 Laguna St.; owner, S. F. Gospel Center, 916 Laguna; contractor, Apex Elec. Co., 363 Fell St.

ALTER dwelling, \$300; 1099 Dolores St.; owner, John Cassaretto, premises; contractor, Lloyd Const. Co., 2662 Harrison St.

ALTER dwelling, \$375; 732 Central Ave.; owner, Lazar Elia, prem.; contractor, M. Smith, 3723 17th.

ALTER apts., \$400; 296 Texas St.; owner, Louis Lamott, 1304 18th Ave.; contractor, V. Pensero, 7 Stark St.

ALTER flats, \$300; 5518-20 California St.; owner, Wm. Hackett, premises.

ALTER dwelling, \$450; 1001 Capp St.; owner, Jos. S. Hildrick, 95 Highland Ave.; contractor, H. Erickson, 972 Cheney St.

ALTER dwelling, \$200; 643 London St.; owner, Fred Danman, 639 London St.

ALTER factory, \$500; 447 Drumm St.; owner, Vulcan Macaroni Co., 447 Drumm St.; contractor, Rome Carpenter Shop, 1658 Powell St.

ALTER store, \$330; 2773 24th Street; owner, J. Lynch, premises.

BILLBOARD, \$13; SE 17th and Harrison Sts.; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

ALTER dwelling, \$350; 201 Caselli St.; owner, A. F. Duggan, prem.; contractor, Mark Teza, 2668 Diamond St.

SIGN, electric, \$400; 400 Eddy St.; owner, Coca Cola, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER flats, \$800; 118-A-B Connecticut; owner, L. Porta, 114 Connecticut; contractor, J. B. Bourdieu, 2625 20th St.

LOS ANGELES COUNTY—GRADING & SURF.—(State)

LOS ANGELES CO., Calif.—Lewis Construction Co., 3440 W 2nd Street, Los Angeles, at \$64,237.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing of a portion of State Highway in the County of Los Angeles, between 1.5 miles north of Azusa and San Gabriel River Bridge, consisting of about 0.7 miles to be graded and surfaced with plant mixed surfacing.

Work involves:

- (1) 38 Sta. clear and grub;
- (2) 1,200 M gals. water;
- (3) 62,500 cu. roadway embankment;
- (4) 270 cu. struct. excav.;
- (5) 35 sta. finish roadway;
- (6) 11 tons liq. asph. SC-2 prime coat;
- (7) 1750 tons min. aggregate plant mix surf.;
- (8) 95 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
- (9) 61,000 tons heavy riprap;
- (10) 40 l.f. 8-in. CMP;

- (11) 220 l.f. 24-in. CMP;
- (12) 80 l.f. 48-in. CMP;
- (13) 120 l.f. remove, clean and relay pipe culverts;
- (14) 2 each spillway assemblies;
- (15) 17 ach. culvert markers;
- (16) 1 lot misc. items of work.

Total bids follow:

(A) Lewis Const. Co., Los Angeles, \$64,237.00.

(B) Oswald Bros., Los Angeles, \$80,670.00.

(C) United Concrete Pipe Corp., Los Angeles, \$29,750.50.

(D) R. L. Oakley, Los Angeles, \$137,813.00.

(E) Basich Bros., Torrance, \$143,260.30.

(F) Shanahan Bros., Inc., Los Angeles, \$156,181.00.

(G) W. E. Hall Co. and A. S. Vinnell Co., Los Angeles, \$170,145.

(H) Claude Fisher Co. Ltd. Los Angeles, \$170,533.50.

(I) Warren Southwest Inc. Los Angeles \$226,936.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 5.00	\$ 3.00	\$ 2.50	\$ 10.00	\$ 5.00	\$ 20.00	\$ 10.00	\$ 10.00	\$ 3.00
(2).....	1.30	1.00	1.00	2.00	.90	1.00	1.25	1.25	1.75
(3).....	.35	.45	.33	.60	.26	.365	.61	.50	.69
(4).....	1.00	1.65	1.50	1.00	1.00	2.00	1.50	1.50	.95
(5).....	10.00	10.00	10.00	10.00	8.00	10.00	15.00	10.00	5.00
(6).....	6.00	11.00	15.00	12.00	11.50	13.50	12.50	15.00	13.50
(7).....	2.00	2.40	2.20	2.50	2.20	1.90	3.50	2.85	2.50
(8).....	7.00	8.00	8.00	9.00	8.00	8.00	10.00	9.00	8.70
(9).....	.55	.70	.97	1.15	1.95	2.00	1.93	2.10	2.84
(10).....	1.00	1.25	.80	1.50	.90	3.50	1.25	1.25	1.10
(11).....	2.50	2.75	2.35	3.50	2.35	4.00	3.50	2.50	3.20
(12).....	8.00	7.00	8.50	10.00	6.40	13.00	7.00	7.00	7.30
(13).....	1.00	1.00	1.00	3.00	.40	2.00	1.50	1.06	1.15
(14).....	15.00	15.00	13.00	15.00	16.40	85.00	15.00	15.00	20.00
(15).....	3.00	3.50	1.50	3.00	2.00	5.00	2.50	3.00	3.00
(16).....	750.00	1200.00	1700.00	1000.00	300.00	1700.00	2590.00	1500.00	1000.00

LOS ANGELES COUNTY—STRUC. AND PAVEMENT—(STATE)

LOS ANGELES COUNTY, Calif.—G. O. Gartz, 124 West Sixth Street, Los Angeles, at \$23,676.90 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for about 0.1 mile drainage structures and Portland cement concrete pavement to be constructed on Ramona Blvd. near Los Angeles County Sheriffs Pistol Range (VII, LA-26-D) Los Angeles County, Calif.

Work involves:

- (1) 100 cu. yds. remove concrete;
- (2) 4300 cu. yds. struct. excav.;
- (3) 7600 cu. yds. ditch and channel; excav.;
- (4) 1030 sq. yds. prepare subgrade;
- (5) Finishing roadway;
- (6) 90 tons min. agg. plant mix surf.
- (7) 5 tons liq. asph. SC-4 plant mix surf.;
- (8) 400 sq. yds. surfage and relay bituminous surf.
- (9) 175 tons asph. conc. channel pave

- (10) 7200 sq. ft. woven wire fence channel pave.;
- (11) 55 cu. yds. Class A Port. cem. concrete pave.;
- (12) 90 each pave dowels;
- (13) 109,300 lbs. bar reinf. steel;
- (14) 700 cu. yds. Class A Port. cem. conc. structs.;
- (15) 500 lbs. misc. iron and steel;
- (16) 60 lin. ft. 18-in. CMP;
- (17) 42 lin. ft. remove and relay exist. C M P culverts.;
- (18) 8 cu. yds. Class A Port. cem. conc. curbs and local depressions;
- (19) 100 lin. ft. bank protection fence.

Total bids follow:

(A) G. O. Gartz, Los Angeles, \$23,676.90.

(B) Dimmitt & Taylor, Los Angeles, \$25,689.00.

(C) Berg Bros., Los Angeles, \$26,619.00.

(D) Claude Fisher Co., Ltd., Los Angeles, \$26,829.50.

(E) Tomei Const. Co., Culver City, \$26,970.50.

(F) C. F. Robbins, Los Angeles, \$26,997.50.

(G) Contracting Engineers Co., Los Angeles, \$27,430.40.

(H) United Concrete Pipe Corp., Los Angeles, \$27,641.50.

(I) Geo. J. Bock Co., Los Angeles, \$27,891.10.

(J) Oswald Bros., Los Angeles, \$28,170.10.

(K) J. S. Metzger & Son, \$28,935.00.

(L) J. E. Haddock, Ltd., Pasadena, \$29,099.15.

(M) R. H. Travers, Los Angeles, \$32,203.00.

(N) Radich & Brown, Los Angeles, \$32,265.60.

(O) Nick Perscallo, Los Angeles, \$32,551.40.

(P) Edward Green, Los Angeles, \$33,828.50.

(Q) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$36,191.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)
(1).....	\$5.00	\$ 3.00	\$ 5.00	\$ 5.00	\$ 2.50	\$ 3.50	\$ 3.00	\$ 3.60	\$ 4.20	\$ 6.00	\$ 4.25	\$ 6.00	\$ 3.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00
(2).....	.65	.45	.75	.80	.50	.75	.30	.55	.70	.50	.75	.55	.75	.80	1.85	.80	1.25
(3).....	.39	.30	.40	.40	.60	.50	.25	.50	.45	.40	.50	.65	.50	.45	.60	.80	.80
(4).....	12	15	20	25	15	15	10	20	12	20	12	18	15	15	11	20	.65
(5).....	20.00	100.00	50.00	100.00	125.00	100.00	100.00	300.00	50.00	48.00	200.00	100.00	600.00	50.00	200.00	50.00	50.00
(6).....	2.75	3.00	5.00	4.00	3.00	2.50	3.60	2.50	3.25	3.00	3.25	3.00	3.75	3.75	5.00	3.50	5.00
(7).....	8.00	8.00	20.00	10.00	12.00	10.00	20.00	10.00	10.00	7.00	10.00	9.00	7.00	11.00	18.00	18.00	10.00
(8).....	.25	.15	.50	.30	.20	.40	.10	.40	.25	.15	.15	.27	.30	.30	.53	.80	.30
(9).....	3.00	4.50	5.00	5.00	5.00	4.00	5.00	4.50	3.50	5.00	5.00	5.75	3.50	8.00	3.50	7.00	4.50
(10).....	.07	.08	.08	.10	.08	1.0	.08	1.0	.08	2.0	.03	.08	.16	.16	.07	1.0	.15
(11).....	8.00	10.00	12.0	10.00	10.00	12.00	16.00	9.00	9.00	10.00	12.00	12.00	9.50	10.00	12.00	12.00	13.50
(12).....	12	15	15	15	15	20	.30	15	20	.14	.20	15	20	.14	14	.50	.15
(13).....	.05	.045	.045	.045	.05	.05	.048	.05	.05	.05	.018	.045	.05	.06	.05	.045	.05
(14).....	13.00	18.00	15.00	15.00	15.00	15.00	20.00	16.50	18.00	17.00	18.00	16.00	20.00	18.00	14.50	19.00	20.00
(15).....	.20	.15	.20	.15	.20	.12	.30	.18	.15	.16	.20	.15	.15	.14	.15	.20	.25
(16).....	2.00	2.50	3.00	1.80	3.00	2.0	4.00	2.00	2.15	2.00	2.50	2.75	3.00	2.50	2.40	2.00	2.50
(17).....	1.00	.50	2.50	1.00	3.00	3.00	2.00	.75	1.00	2.00	1.00	1.00	1.00	1.00	1.50	1.00	1.50
(18).....	10.00	16.00	15.00	20.00	15.00	18.00	13.00	13.00	12.50	24.00	15.00	20.00	15.00	13.00	20.00	14.00	15.00
(19).....	5.00	5.00	8.00	10.00	7.00	5.00	11.00	7.00	6.00	12.00	6.00	4.50	11.00	12.00	10.00	13.00	10.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until Oct. 10, 10:00 A. M. bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-92, for furnishing paint, drier, oil, putty, thinner, varnish and brushes; f.o.b. Dock No. 3, Fort Mason.

FORT MASON, Calif.—Until Oct. 10, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

10:00 A. M.

BID No. 928-39-85—Boiler tubes and stays; f.o.b. Dock No. 3, Fort Mason.

10:30 A. M.

BID No. 928-39-86—Hackaws blades, nails, bolts, nuts, pipe, pipe-fittings, sheet iron, steel and lumber; f.o.b. Dock No. 1, Fort Mason.

1:00 P. M.

BID No. 928-39-91—Life preservers and buoys; f.o.b. Fort Mason.

SAN FRANCISCO.—Until Oct. 4, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-104, for furnishing and delivering 1550 ft. of 1,500,000 C. M. cable; f.o.b. Fort Cronkhit, Tennessee Point, Marin Co., Calif.

SACRAMENTO, Calif.—Until Oct. 3, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. W. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-39-91, for furnishing and delivering approximately 3,000 tons of cobblestones on the westerly side of the Sacramento River in the vicinity of Fremont Weir, Yolo Co., Calif.

P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-103, for furnishing 800 feet of wire and hose and four hose reels; fob Battery Davis, Fort Funston.

FORT MASON, Calif.—Until Oct. 10, 10:30 A. M. bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-94, for 15,000 lbs. wiping cloths; f.o.b. Fort Mason.

FORT MASON, Calif.—Until Oct. 10 A. M., bids will be received by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco, under Bid No. QM-W-6616-39-24, for furnishing 5200 lf. 4-in. tile and 15,000 bd. ft. Douglas fir timber; fob Presidio of San Francisco.

SAN FRANCISCO.—Until Oct. 7, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-108, for furnishing 88 mild steel channels, 95 pipe sleeves 190 cut washers, and 90 cut wash-

ers; fob Battery Davis, Fort Funston, San Francisco.

FORT MASON, Calif.—Until Oct. 11, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:

10:00 A. M.

BID No. 928-39-99—Leather, belting, bolts, cable, hose, tubing, nuts, elbow and misc. motor parts; f.o.b. Motor Whse. No. 6, Presidio of S. F.

10:30 A. M.

BID No. 928-39-100—Hand trucks, brushes, markers and strapping machines; f.o.b. Fort Mason.

SAN FRANCISCO.—Until Oct. 6 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-105, for 1 electric disc sander complete with all necessary equipment and 6 grinding wheels; f.o.b. U. S. Engineer storehouse, foot of Marina Blvd., S. F.

CANAL ZONE

PANAMA CANAL.—Until October 11 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. 3387, for furnishing 60,000 barrels of fuel oil; fob Cristobal.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL.—Until Oct. 10, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3386, for furnishing misc. supplies and materials, including:

Pig iron, asphalt roofing, boiler lagging, asbestos board, pipe covering, floor grinder, brass-melting crucibles, fire-clay refractories, hinges, safety treads, circuit breakers, hand lamps, bearing signs, garbage cans, powdered aluminum, lead, zinc oxide, varnish, lacquer, mixing oil, rosin, coal tar, and lumber; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and equipment, as follows:

SCH. 4371—Corrosion resisting steel pipe and tubing for eastern yds. and Puget Sound, Sept. 30.

SCH. 4325-1 electric spot welder for San Diego, Sept. 27.

SCH. 900-2038—1000 ft. aluminum extruded shapes, 650 ft. aluminum allow rolled section shapes and 140 ft. aluminum allow extruded shapes for San Diego, Sept. 30.

SCH. 4359—Seamless steel tubing for eastern yards and Puget Sound, Sept. 30.

SCH. 4343-1 engine lathe for San Diego, Sept. 30.

SCH. 900-2055-50 aircraft propeller power units for Seattle, Sept. 30.

SCH. 4377—Generators and switchboards and spare parts, tools, etc., for eastern and western yds., Sept. 30.

SCH. 4383—large quantities of steel oilers for eastern and western yards, Oct. 4.

SCH. 4379-1 electric furnace with control equipment for Mare Island, Oct. 4.

SCH. 3836-10 slicing machines for Mare Island, Sept. 30.

SCH. 4404—33,000 yds. cotton canvas for San Diego, Oct. 11.

SCH. 4405-30 acetylene gas cylinders for San Diego, Oct. 11.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and materials, as follows:

SCH. 4417—15,000 ft. No. 1 common redwood for San Diego; Oct. 14.

SCH. 4422—Boiler tube brushes and refills for Mare Island, Oct. 14.

SCH. 4429-1 electric drive telescope fork type tiering tilting truck for Mare Island, Oct. 11.

SCH. 4453-900 cylinder valves for Mare Island, Oct. 4.

SCH. 4443—Composition steam and water pipe fittings for various navy yards, Oct. 14.

SCH. 4438—1350 pairs rubber gloves for Brooklyn and Mare Island, Oct. 14.

SCH. 4450—Fuel oil for Diesel engines for west coast, Oct. 13.

SCH. 2703-493 bronze chest handles for Sewalls Point; 5780 drawer pulls for Portsmouth and Brooklyn and 696 drawer pulls for Puget Sound, Oct. 7.

SCH. 90-2071—Steel tubing for boilers for naval vessels for various deliveries, Sept. 30.

SCH. 900-2067-700 gun firing solenoids for f.o.b. contractor's wks., Sept. 30.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER offices, 8890; 180 New Montgomery St.; owner, Sperry Flour premises; contractor, Oscar Prescott & Sons, 250 Langton St.

ALTER flats, 3285; 174 18th Ave.; owner, Mrs. Leavey, prem.; contractor, Chas. Greenberg, 3118 23rd St.

FLUES, 525; 230 Powell St.; owner, M. Appleton, 230 Powell St.

SIGN, electric, 8400; 151 Powell St.; owner, T. O. Nash & Co., Inc., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, 8350; 4200 Geary St.; owner, Ashley & McMullen, Inc., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER dwelling, 3335; 430 Pennsylvania; owner, G. Balestiera, 430 Pennsylvania; contractor, John Scarobosio, 740 Wisconsin.

ALTER apts., 8530; 3270 23rd St.; owner, Eaton & Smith, 715 Ocean Avenue.

U. S. POSTAGE
PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Cal.

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Calls Bids on Four
Exposition Contracts

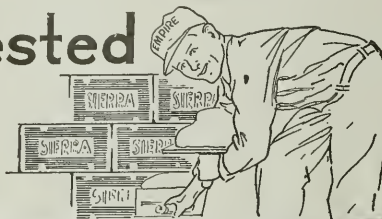


S. F. Sept. Permit Total \$1,768,291



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., OCTOBER 8, 1938

No. 41

STATE INVITES BIDS ON FOUR FAIR PROJECTS

Auditorium, Livestock Barn To Be Constructed On Shoals

The State of California's construction program for the Golden Gate International Exposition on Yerba Buena Shoals received added impetus yesterday with the issuance of four calls for bids for work on Treasure Island.

Bids for general construction of the Auditorium Building on the Shoals will be opened October 21, at the office of the California Commission for the Golden Gate International Exposition in San Francisco, it was announced.

In addition, the Commission revealed, bids will be opened October 24 for general construction of the California Coliseum Livestock Barn on Treasure Island.

On the same date bids for plumbing work and for electrical work for the Coliseum Livestock Barn will be opened. Separate proposals will be submitted on the plumbing and electrical work.

With yesterday's action by the Commission, the State's construction program for the World's Fair hit a new high level of activity.

Last week bids were called, to be opened October 14, for construction of electrical work and plumbing work for the Southern Counties Building; the San Joaquin Valley Building; the Alta California Building; and the Mission Trails Wall. As in the case of the Livestock Barn, separate contracts will be awarded on each section of the work.

The bids calls fore-shadowed the action of the Commission this week in awarding the contract for general construction of the buildings to Barrett & Hilp at the bid price of \$103,678.

Bids on the job were opened September 30.

All bids will be opened in the Commission's office at 660 Market street in San Francisco.

Plans and specifications may be obtained from the same office upon deposit of \$25, returnable. Plans are on file also at the office of

MATERIAL PRICE INDEX DECLINES

The building material price average for the week ended September 24 stood at 89.4 per cent of the 1926 level, the U. S. Bureau of Labor Statistics reported yesterday. A drop of about two-tenths of one per cent from the index for the preceding week resulted from weakening prices for yellow pine flooring and timbers, turpentine, sand and gravel, according to the bureau.

Prices for yellow pine lath, red cedar shingles, white lead, lead pipe, and copper sheets and wire were higher. Brick, cement and structural steel prices remained unchanged during the week.

CONCRETE BLDG. UNIT STANDARD AVAILABLE

The Division of Simplified Practice of the National Bureau of Standards has announced that printed copies of the second revision of Simplified Practice Recommendation R32, Concrete Building Units, are now available. This recommendation lists sizes and tolerances for load and non-load bearing block and tile, and for face and common concrete brick, and is effective from August 1, 1938. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

The original recommendation, which was approved by a general conference of producers, distributors, and users in 1924, reduced the number of sizes of concrete building units to thirteen, and established one size for concrete brick. In 1932 the industry accepted the Standing Committee's suggested revision which modified some dimensions and added four units to the recommended list. The present revision adds four 11 1/4-in. units to the schedule.

State Architect George B. McDougall, Public Works Building, Sacramento, and at the Builders' Exchanges in San Francisco and Oakland.

S. F. BUILDING PERMIT LEVEL WELL OVER '37

Oct. Permit Volume Steady; Total Reflects Gain Over Last Year

Building in San Francisco during September continued to maintain the level set during the past few months with 655 building permits issued for construction valued at \$1,768,291, according to Head Clerk S. J. Rosenblum of the Central Permit Bureau.

The September building permit total was approximately the same as the August figure and almost double the September, 1937, total.

Frame construction continued to provide the backbone of the industry with 160 permits issued for construction costing \$675,274, as compared to 93 permits issued in September, 1937, for a total of \$423,470. The total last month was \$1,166,110.

The total for the first 9 months of the year was \$15,415,525, a drop from the \$17,280,594 figure for the same period last year.

Following is the comparison of San Francisco building totals for September, this year and last:

Class	Sept., 1938		Sept., 1937	
	No.	Est. Cost	No.	Est. Cost
B	1	\$ 142,000	1	\$140,000
C	11	190,000	4	26,000
Frames	160	675,274	93	423,470
Alter.	478	253,240	444	249,492
Sub total	650	\$1,260,514	542	\$838,962
Public	.....	.....	2	69,017
U. S. Govt.	1	288,139	.....	.....
1938 Exp.	4	219,638	.....	.....
Total	655	\$1,768,291	544	\$907,979
1938 (9 mos.)	.....	.....	1937 (9 Mos.)	.....
No. Est. Cost	.....	.....	No. Est. Cost	.....
5,838	\$15,415,525	6,024	\$17,280,594	

Shipments of electric industrial trucks and tractors, as reported by ten manufacturers representing the entire industry, totaled 69 for August 1938, as compared with 41 for July 1938, 173 for August 1937 and 125 for August 1936. These data were released by Director W. L. Austin, Bureau of the Census, Department of Labor.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3131-4	Doelger	Owner	4000
3154	S F Whse	Chahill	3000
3136	Westphal	Owner	9500
3137	Westphal	Owner	6500
3138	Ayob	Hall	1000
3139	Foster	Murray	1465
3140	Infant Shtr.	Walker	1500
3141	Knapp	Unit Constr.	4800
3142-5	Meyer	Owner	4000
3146	Meyer	Owner	4500
3147	Young	Owner	3500
3148	Ferrario	Ragni	3800
3149-51	Johnson	Owner	3000
3152	Tomer	Dream Home	3500
3153	Wilhelm	McKeon	4500
3154	Bertrand	More	1000
3155	Clinkenhead	McKeon	4000
3156	Curtis	El Rey	4000
3157	Mormosa	Larson	5750
3158	Hallgren	Owner	3500
3159	McCaffrey	Stendell	1000
3160	Rose	Salomon	1838
3162	Anderson	Owner	4000
3163	Arco	Owner	4000
3164	Carraro	Carraro	4000
3165	Dahlstrom	Owner	3500
3166-7	Davis	Masarie	1000
3168	Davis	Masarie	2000
3169	Foranescchi	Owner	7000
3170	Gudehus	Modern.	2280
3171	Keefe	McLlnahan	1000
3172	Morey	Unit Constr.	7800
3173	Nelson	Owner	6000
3174	Noshking	Greenberg	3000
3175	Ott	Jensen	3800
3176	Zellerbach	Owner	8500
3177	Anderson	Owner	4000
3178	Capurro	Vukloevich	2000
3179	Doelger	Owner	3000
3180	Loozian	Owner	1950
3181	McCaffrey	Stendell	1000
3182	Nelson	Owner	3900
3183	Nelson	Owner	3600
3184	Ruffner	Smith	2856
3185	Sandeman	Petersen	4000
3186	So. Pac. Co.	Owner	3300
3187	Zion Ch.	Morris	5000

DWELLINGS

(3131) E 41st AVE. 25, 50 and 75 N
LAWTON ST. Three one-story
and basement frame dwellings.
Owner and Builder—Henry Doelger,
Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$4,000 each

DWELLINGS

(3132) E 41st AVE. 25, 50, and 75 S
Kirkham St. Three 1-story and
basement frame dwellings.
Owner and Builder—Henry Doelger,
Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$4,000 each

DWELLINGS

(3133) W 41st AVE. 50, 75, 100, 125,
150, 175, 200, 225, 250, 275 N Lawton.
Ten 1-story and basement frame
dwellings.
Owner and Builder—Henry Doelger,
Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$4,000 each

DWELLING

(3134) SE 41st AVE. and Kirkham
Owner and Builder—Henry Doelger
Bldr., Inc., 320 Judah Street.
Architect—Not Given. \$4,000

SHEDS

(3135) E SPEAR 137 N Folsom St.
One-story frame sheds.
Owner—S. F. Warehouse Co., 625
Third Street.
Contractor—Chahill Bros., 206 San-
some Street.
Architect—Not Given. \$3,900

DWELLING

(3136) SW MARINA Blvd. and Casa
Way. Two-story and basement
frame dwelling.
Owner and Builder—A. R. Westphal,
c/o Architect.
Architect—William F. Gunnison, 251
Kearny Street. \$9,500

DWELLING

(3137) SW CASA WAY 51 SE Ma-
rina Blvd. Two-story and base-
ment frame dwelling.
Owner and Builder—A. R. Westphal,
c/o Architect.
Architect—William F. Gunnison, 251
Kearny Street. \$6,500

ALTERATIONS

(3138) 230 THIRD ST. Alter store.
Owner—Fred Ayob, premises.
Contractor—Hugh Hall, 2288 3rd St.
Architect—Not given. \$1000

ALTERATIONS

(3139) 451 MARKET ST. Alter res-
taurant.
Owner—Foster Lunch System, 986
Mission St.
Contractor—Austin B. Murray, 1330
Natoma St.
Architect—Not given. \$1465

ALTERATIONS

(3140) 19th AVE and ORTEGA STS.
Alter Infant Shelter.
Owner—Infant Shelter, Inc., prem.
Contractor — P. J. Walker Co., 607
Sharon Bldg.
Architect—Albert F. Roller, Crocker
First Nat'l Bank. \$1500

ALTERATIONS

(3141) 2131 VALLEJO ST. Alter
apts.
Owner—Knapp and Mauberritt, c/o
contractor.
Contractor—Unit Const. Co., 557 Mar-
ket St.
Architect—Not given. \$4800

DWELLING

(3142) N ENCLINE CT. 273 E. Del
Vale. One-story and basement
frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000

DWELLING

(3143) N ENCLINE CT. 256 E. Del
Vale. One-story and basement
frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000

DWELLING

(3144) N ENCLINE CT. 238 E. Del
Vale Ave. One-story and base-
ment frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000

DWELLING

(3145) N ENCLINE CT. 220 E. Del
Vale. One-story and basement
frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000

DWELLING

(3146) N ENCLINE CT. 203 E. Del
Vale. One-story and basement
frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4500

MILL

(3147) S.E. PHELPS and Fairfax
Ave. One-story frame storage
mill.

Owner—A. Young and Son, 496 Wilde
Ave.
Architect—Not given. \$3500

STORE

(3148) W SAN JOSE AVE. 70 W
Colonial Way. One-story frame
store.
Owner—John Ferrario, 1834 San Jose
Avenue.
Contractor—Jos. Ragni, 134 Acton.
Architect—Not Given. \$3,800

DWELLING

(3149) W MADISON 27 S Silver Ave.
One - story and basement frame
dwelling.
Owner and Builder—J. A. Johnson,
69 Madison.
Architect — Donnell E. Jaekle, 126
Post Street. \$3,000

DWELLING

(3150) W MADISON 77 S Silver Ave.
One - story and basement frame
dwelling.
Owner and Builder—J. A. Johnson,
69 Madison.
Architect — Donnell E. Jaekle, 126
Post Street. \$3,000

DWELLING

(3151) W MADISON 52 S Silver Ave.
One - story and basement frame
dwelling.
Owner and Builder—J. A. Johnson,
69 Madison.
Architect — Donnell E. Jaekle, 126
Post Street. \$3,000

DWELLING

(3152) E 46th AVE. 125 N Rivera.
One - story and basement frame
dwelling.
Owner—R. Tomer, 416 Kearny St.
Contractor—Dream Home Bldrs., 416
Kearny Street.
Architect—Not Given. \$3,500

DWELLING

(3153) E 18th AVE. 125 N Ulloa.
One - story and basement frame
dwelling.
Owner—R. Wilhelm, 104 Vicksburg.
Contractor—C. T. McKeon, 2194 30th
Avenue.
Architect—Not Given. \$4,500

ALTERATIONS

(3154) 874 24th AVE. Alter dwelling.
Owner—John L. Bertrand, premises.
Contractor—G. M. Moore, 2117 Leav-
enworth Street.
Architect—Not Given. \$1,000

DWELLING

(3155) E 29th AVE. 100 N Rivera.
One - story and basement frame
dwelling.
Owner — P. Clinkenhead, 2275 19th
Avenue.
Contractor—C. T. McKeon, 2194 30th
Avenue.
Architect—Not Given. \$4,000

DWELLING

(3156) N URBANO Dr. 125 W Berica.
One - story and basement frame
dwelling.
Owner—Howard C. Curtis, Jr., 3035
Baker Street.
Contractor—El Rey Bldg. and Cab-
inet Shop, 430 Holloway Ave.
Architect—Geo. E. Ralph, 110 Sut-
ter Street. \$4,000

FLATS

(3157) W ALABAMA 120 S 25th.
Two - story and basement frame
dwelling.
Owner—Jos. Formosa, c/o Architect.

Contractor—A. R. Larson, 650 Diamond Street.
 Architect—H. C. Baumann, 251 Kearney Street. \$5,750

DWELLING
 (3158) W 24th AVE. 225 S Moraga. One - story and basement frame dwelling.
 Owner and Builder—A. Hallgren, 1594 29th Avenue.
 Architect—Not Given. \$3,500

ALTERATIONS
 (3159) REAR 20 HIGHLAND AVE. Alter dwelling.
 Owner—J. McCaffrey, c/o contractor. Contractor—Elvin C. Stendell, 1125 Holloway Ave.
 Architect—Not Given. \$1,000

ALTERATIONS
 (3160) 1438 McALLISTER ST. Alter apartments.
 Owner—S. Rose, c/o contractor. Contractor—L. Salomon, 1734 Broderick Street.
 Architect—Not Given. \$1,338

ANIMAL HOSPITAL
 (3161) N 16th St. 70 E Alabama. Two-story Class B animal hospital.
 Owner—S. F. Society for Prevention of Cruelty to Animals, 2500 16th. Contractor—Not Selected.
 Engineer—C. Heller, 111 Sutter St. \$40,000

DWELLING
 (3162) E. 31st AVE. 325 N Taraval. One-story and basement frame dwelling.
 Owner—N. W. Anderson, 614 Taraval Street.
 Architect—Not given. \$4000

DWELLINGS
 (3163) E. 19th AVE 275, 300, 325, 350, 375 S. Vicente. Five (5) 1-story and basements frame dwellings.
 Owner—Arco Bldg Co., 5401 Mission Street.
 Architect—Not given. \$4000 ea.

DWELLING
 (3164) S. OAKDALE 25 W. Keith. One-story and basement frame dwelling.
 Owner—G. Carraro, 750 Felton St. Contractor—G. Carraro and Sons, 700 Felton St.
 Architect—Not given. \$3100

DWELLING
 (3165) S.E. THOR AVE and Lippard. One-story and basement frame dwelling.
 Owner—Gust Dahlstrom, 160 Castro. Architect—Not given. \$3500

ALTERATIONS
 (3166) N.W. 3rd and 22nd STREETS. Alter dwelling.
 Owner—A. Davis, 2496 3rd Street. Contractor—Mesarie and Scatina, 2550 19th Street.
 Architect—Not given. \$1000

ALTERATIONS
 (3167) W. 3rd STREET 100 N. 22nd St. Alter dwelling.
 Owner—A. Davis, 2498 3rd Street. Contractor—Masarie and Scatina, 2550 19th St.
 Architect—Not given. \$1000

STORE AND GARAGE
 (3168) W. 3rd STREET 50 N. 22nd Street. One-story frame store and garage.
 Owner—A. Davis, 2496 3rd St. Contractor—Masarie and Scatina, 2550 19th Street.
 Architect—Not given. \$2000

DWELLING
 (3169) N. MARINA BLVD. 131 West Baker St. Two-story and basement frame dwelling.
 Owner—Louis Foranceschl, 3636 Baker St.
 Architect—Sidney A. Colton, 18 Rico Way. \$7000

ALTERATIONS
 (3170) 540 SHRADER ST. Alter apts. Owner—Annie M. Gudehus, 540 Shrader St.
 Contractor—Modernization Co. of Cal., 3601 Geary Blvd.
 Architect—Not given. \$2280

ALTERATIONS
 (3171) W. 3rd STREET 75 S. 22nd St. Alter dwelling.
 Owner—Johanna Keefe, 1324 Market Street.
 Contractor—T. W. McLinahan, 333 16th Ave.
 Architect—Not given. \$1000

FLATS
 (3172) W. JONES 20 S. Bernhard. Two-story and basement frame flats.
 Owner—Jos. G. Morey, c/o cont. Contractor—Unit Const. Co., 557 Market St.
 Architect—Not given. \$7800

DWELLING
 (3173) W. 25th AVE. 82 N. Ocean Ave. One-story and basement frame dwelling.
 Owner—Fernando Nelson and Sons, 2901 19th Ave.
 Architect—Not given. \$6000

ALTERATIONS
 (3174) 1325 KANSAS. Alter flats. Owner—Geo. Noshking, premises. Contractor—Chas. Greenberg, 3118 23rd St.
 Architect—Not given. \$3000

DWELLING
 (3175) S. HEARST AVE 100 E. Carro. One-story and basement frame dwelling.
 Owner—Arthur B. Otts, 3593 Mission Street.
 Contractor—E. Jensen, 41 Bache St.
 Architect—Not given. \$3800

SHOW ROOM
 (3176) N.E. 10th 373 S.E. BRYANT Street. One-story frame show room.
 Owner—Zellerbach Levison Co., 465 California St.
 Contractor—Not selected.
 Engineer—Hyman Rosenthal, 76 6th Ave.
 Architect—Hyman and Appleton, 68 Post St. \$8500

DWELLING
 (3177) S. CLIFFORD TERRACE 66 W. Upper Terrace. Two-story and basement frame dwelling.
 Owner—E. C. Anderson, 2418 35th Ave.
 Architect—Not given. \$4000

ALTERATIONS
 (3178) COLUMBUS AND GREEN STREET. Alter market.
 Owner—Jos. Capurro, 876 Green St. Contractor—M. E. Vuklecvich, 666 Mission St.
 Architect—Not given. \$2000

DWELLING
 (3179) S. KIRKHAM 132 W. 44th Ave. One-story and basement frame dwelling.
 Owner—Henry Doelger Bildr, Inc., 430 St.
 Architect—Not given. \$3000

ALTERATIONS
 (3180) 1822-26 McALLISTER ST.

Alter dwelling.
 Owner—G. M. Loozian, 1457 Waller Street.
 Architect—Not given. \$1950

DWELLING
 (3181) REAR W. HIGHLAND AVE. and Bernal Ave. One-story frame dwelling.
 Owner—J. C. McCaffrey, c/o cont. Contractor—Elvin C. Stendell, 1125 Holloway Ave.
 Architect—Not given. \$1000

DWELLINGS
 (3182) W. 31st AVE 150, 100, 125 S. Ulloa. Three (3) one-story and basement frame dwellings.
 Owner—A. Nelson, Inc., 242 Ocean Ave.
 Contractor—Conrad T. Kett, 519 California St. \$3900 ea.

DWELLINGS
 (3183) W. 31st AVE 175, 200, 225 S. Ulloa. Three (3) 1-story and basement frame dwellings.
 Owner—A. Nelson, Inc., 242 Ocean Ave.
 Architect—Conrad T. Kett, 519 California St. \$3600 ea.

DWELLING
 (3184) N.E. OLIVER 142 S.E. Mission St. One-story frame dwelling.
 Owner—C. A. Ruffner, 57 Chattanooga.
 Contractor—H. H. Smith, Daly City.
 Architect—Not given. \$2856

DWELLING
 (3185) E. FAXON AVE. 250 N. Holloway Ave. One-story and basement frame dwelling.
 Owner—William Charles Sandeman, 912 Geneva Ave.
 Contractor—Henry W. Petersen, 912 Geneva Ave.
 Architect—Not given. \$4000

ALTERATIONS
 (3186) 1515 3rd STREET. Alter warehouse.
 Owner—Southern Pacific Co., 65 Market St.
 Architect—Not given. \$3300

ALTERATIONS
 (3187) N.W. 9th AVE and Anza. Alter church.
 Owner—Zion Lutheran Church, prem; Contractor—A. T. Morris and Sons, 5400 Fulton St.
 Architect—J. H. Blohme, 637 E. 17th St., Oakland. \$5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2383	Brydon	Mueller	5000
2384	Caclan	Ungaretti	3500
2385	Edy	Owner	3500
2386	Haler	Haler	6000
2387	Rothschild	Kelman	4100
2388	Sprouse	Bertelsen	24574
2389	Thiel	Owner	8500
2390	Bartle	Younger	1000
2391	Diamond	Fox	5800
2392	Dowling	Owner	5000
2393	Gaines	Patterson	4500
2394	Heraty	Jensen	2850
2395	Hemys	Wlerk	3600
2396	Machek	Dowling	4500
2397	Thomas	Guaranty	3700
2398	Tisher	Tisher	11000
2399	Warren	Owner	3500
2400	Bd of Educa	Vilhadsen	61950
2401	Bonds	Owner	6000
2402	Orde	Paige	9000
2403-6	Watson	Shapero	7000
2407	Indep Iron	Owner	2500
2408	Johnson	Berg	5000
2409	Lincoln	Owner	2900
2410	Nixon	Hoffman	3300
2411	Price	Millradt	2000
2412	Scherman	Spivock	4500

2413	Sherriff	Owner	5000
2414	Swalley	Tisher	4000
2415	Washmera	Minney	3500
2416	Groom	Groom	3000
2417	Morris	Wierk	3500
2418	Nicolini	Bartlett	7000
2419	Rodrigues	Owner	1400
2420	Weher	Rich	3500
2421	Womack	Womack	3500
2422	Woodburn	Ridgway	3500
2423	Vander Hoff	Carlson	2423
2424	Acton	Brasch	13000
2425	Crocker	Crocker	4000
2426	De Brum	Leonard	6000
2427	Hicks	Owner	3000
2428	Maloney	Moore	1300
2429	Vender	Christensen	4000
2430	Capital	Berkeley	1200
2431	Emle	Walker	5000
2432	May	MacGregor	3000
2433	Layton	Jackson	1288
2434	Cronin	Owner	4200
2435	Harlow	Marong	2500
2436	Johnson	Johnson	3000
2437	Keenan	Owner	1950
2438	Netherby	Owner	4000
2439	Oak Sch. Dist.	Sproul	17389
2440	Squaglia	Wirt	1500
2441	Standard	Indp. Iron	3800
2442	Stuart	Fitzmaurice	4500

DWELLING

(2383) 1400 GRIZZLY PEAK, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—P. H. Brydon, 2427 Virginia.
Contractor—T. R. Mueller, 698 Creston Road.
Architect—Not given. \$5000

DWELLING

(2384) 2830 9th, BERKELEY. One-story, 4-room frame dwelling & garage.
Owner—Mr. Caciali, 2830 9th.
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd., Oakland.
Architect—Not given. \$3500

ALTERATIONS

(2385) 129 HILLSIDE AVE., PIEDMONT. Alterations.
Owner and Builder—Joe Edy, 108 Requa.
Architect—Not given. \$3500

(2386) 344 & 346 HOWARD AVE., PIEDMONT. One-story, 8-room duplex.
Owner—H. W. Haler, Athens Athletic Club.
Contractor—H. W. Haler, Athens Athletic Club.
Architect—Guy L. Brown. \$6000

DWELLING

(2387) 765 NEILSON, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—R. F. Rothschild, 1013 Peralta.
Contractor—Kelman & Will, 1655 Euclid.
Architect—Not given. \$4100

GARAGE

(2388) 73 WYNGARD, PIEDMONT. Two-story, nine-room garage.
Owner—R. A. Sprouse, 244 Lakeside Drive.
Contractor—S. J. Bertelsen, 30 Estrella Ave.
Architect—Miller & Warneke, 1700 Financial Center Bldg., Oakland. \$24,874.00

GARAGE

(2389) 422 PACIFIC AVE., PIEDMONT. Two-story, slx-room & garage.
Owner and Builder—A. A. Thiel, 422 Pacific Avenue.
Architect—A. C. Williams. \$8,500.00

REPAIRS

(2390) 1801-03 13th AVE., OAKLAND. Repairs. \$61,950

Owner—John Bartle, 1801 13th Ave.
Contractor—F. A. Younger, 5690 San Pablo Ave.
Architect—Not given. \$1000

ADDITION

(2391) 4706 GROVE ST., OAKLAND. Bulk garage addition.
Owner—Diamond Dairy Co., 4706 Grove St.
Contractor—Fox Bros., 1478 University Ave., Berkeley.
Architect—Not given. \$5800

DWELLING

(2392) 2971 55th AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not given. \$5000

DWELLING

(2393) 1824 MT. BLVD., OAKLAND. One-story, 5-room dwelling.
Owner—F. L. Gaines, 1021 Warfield.
Contractor—J. F. Patterson, 761 Foothill Blvd.
Architect—Not given. \$4500

DWELLING

(2394) 233 CAPRICORN AVENUE, OAKLAND. One-story, 4-room dwelling.
Owner—Phil Heraty, 488 Fairbanks Ave.
Contractor—Harry K. Jensen, 2757 Rawson St.
Garage, \$200.
Architect—Not given. \$2850

DWELLING

(2395) 329 TAURUS AVE., OAKLAND. One-story, 5-room dwelling.
Owner—David C. James.
Contractor—Nick Wierk, 302 13th Street.
Architect—Not given. \$3600

DWELLING

(2396) 4323 CARSON ST., OAKLAND. One-story, 5-room dwelling.
Owner—Frank & Vera Machek, 5484 El Camille St.
Contractor—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not given. \$4500

DWELLING

(2397) 2401 DURANT AVE., OAKLAND. One-story, 5-room dwelling.
Owner—R. Thomas, 725 East 18th Street.
Contractor—Guaranty Home Bldg. Co., 3275 Morcom Ave.
Architect—Not given. \$3700

APARTMENTS

(2398) 687 EXCELSIOR AVENUE, OAKLAND. Two-story, 16-room apartments.
Owner—Tisher & Gorden, 6127 Foothill Blvd.
Contractor—C. R. Tisher, 6127 Foothill Blvd.
Architect—Not given. \$11,000

DWELLING

(2399) 3035 VICTOR AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—W. H. Warren, 3038 Dakota St.
Architect—Not given. \$3500

(2400) 1645 MILVIA ST., BERKELEY. Finishing Unit 1 of Whittier School.
Owner—Berkeley Board of Education.
Contractor—Villadsen Bros., Inc. 354 Hobart St., Oakland.
Engineer—W. Adrian, 417 Market St., San Francisco. \$61,950

DWELLING
(2401) 730 GRIZZLY PEAK BLVD., BERKELEY. One-story 6-room frame dwelling and garage.
Owner and Builder—Milton S. Bonds, 960 Ventura Avenue.
Architect—Not Given. \$6,000

DWELLING
(2402) 2816 CLAREMONT Avenue, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—Mrs. Geo. Orde, 2811 Claremont Avenue
Contractor—H. S. Paige, 5651 Oak Grove Ave., Oakland.
Architect—J. K. Ballantine, 137 Harland Place, S. F. \$9,000

DWELLING
(2403) 227 ST. JAMES DR., PIEDMONT. Two-story 10-rm. dwelling and garage.
Owner—H. B. Watson, 201 Estates Drive, Piedmont.
Contractor—S. M. Shapero, 462 Elwood Avenue.
Architect—J. B. Anthony, 3225 Lakeshore, Oakland. \$9,000

DWELLING
(2404) 1888 TRESTLE GLEN, PIEDMONT. Two-story 9-room dwelling and garage.
Owner—H. B. Watson, 201 Estates Drive, Piedmont.
Contractor—S. M. Shapero, 462 Elwood Avenue.
Architect—J. B. Anthony, 3225 Lakeshore, Oakland. \$9,000

DWELLING
(2405) 231 ST. JAMES DR., PIEDMONT. Two-story 9-room dwelling and garage.
Owner—H. B. Watson, 201 Estates Drive, Piedmont.
Contractor—S. M. Shapero, 462 Elwood Avenue.
Architect—J. B. Anthony, 3225 Lakeshore, Oakland. \$9,000

DWELLING
(2406) 4871 PARK BLVD., PIEDMONT. Two-story 7-room dwelling and garage.
Owner—H. B. Watson, 201 Estates Drive, Piedmont.
Contractor—S. M. Shapero, 462 Elwood Avenue.
Architect—J. B. Anthony, 3225 Lakeshore, Oakland. \$7,000

ADDITION
(2407) 821 PINE ST., OAKLAND. Steel addition.
Owner & Builder—Independent Iron Works, 821 Pine Street.
Architect—Not Given. \$2,500

DWELLING
(2408) 3163 WISCONSIN STREET, OAKLAND. One-story five-room dwelling.
Owner—Joel Johnson, 4010 35th Ave.
Contractor—Paul M. Berg, 3554 Midvale Avenue.
Architect—Not Given. \$5,000
Also 1-story garage, \$300.

DWELLING
(2409) 2121 107th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—W. G. Lincoln, 5720 Kingsley Circle.
Architect—Not Given. \$2,900
Also 1-story garage, \$200.

DWELLING
(2410) 7003 CIRCLE HILL DRIVE, OAKLAND. One-story five-room dwelling.
Owner—James C. Nixon, 3121 College Ave., Berkeley.
Contractor—E. F. Hoffman, 7405 Foothill Blvd.
Architect—Not Given. \$3,300
Also 1-story garage, \$200

ALTERATIONS
 (2411) 1304 BROADWAY, OAKLAND. Alterations.
 Owner—Price Shoe Stores, premises.
 Contractor—H. Millardt & Son, 834 Ohio St., Richmond.
 Architect—Not Given. \$2,000

DWELLING
 (2412) 2111 E. 29th ST., OAKLAND. One-story 6-room dwelling.
 Owner—Sol Scherman, 2789 Foothill.
 Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
 Architect—Not Given. \$4,500

DWELLING
 (2413) 5642 CABOT DRIVE, OAKLAND. One-story 5-room dwelling.
 Owner and Builder—Chas. A. Sheriff, 1910 Russell St., Berkeley.
 Architect—Not Given. \$5,000

DWELLING
 (2414) 2332 DASHWOOD AVE., OAKLAND. One-story 5-rm. dwelling.
 Owner—J. Swalley, 7033 Fresno St.
 Contractor—C. R. Tisher, 6127 Foothill Blvd
 Architect—Not Given. \$4,000

DWELLING
 (2415) 1172 75th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—Rudolph Washmera, 2842 Coolidge Ave.
 Contractor—Ernest T. Minney, 8114 Foothill Blvd.
 Architect—Not Given. \$3,500
 Also 1-story garage, \$200.

DWELLING
 (2416) 1948 87th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—A. F. Groom, 1517 77th Ave.
 Contractor—Groom and Groom, 5405 Brookdale Ave.
 Architect—Not Given. \$3,000
 Also 1-story garage, \$150.

DWELLING
 (2417) 1150 84th AVE., OAKLAND. One-story 6-room dwelling.
 Owner—Byron Morris, 1144 Cedar St. Berkeley.
 Contractor—Nick Wierk, 302 13th St.
 Architect—Not Given. \$3,600
 Also 1-story garage, \$150.

RESTAURANT
 (2418) 800 THIRD AVE., OAKLAND. One-story restaurant.
 Owner—P. J. Nicolini, 933 Loomis Court.
 Contractor—R. E. Bartlett, 233 Wilamette Ave., Berkeley.
 Architect—K. Narbett, Richmond.
 \$7,000

DWELLING
 (2419) 9932 E ST., OAKLAND. One-story 2-room dwelling.
 Owner and Builder—Wm. Rodrigues, 1130 Carpenter St., San Leandro.
 Architect—Not Given. \$1,400

DWELLING
 (2420) 232 MODOC AVE. OAKLAND. One-story 5-room dwelling.
 Owner—Henry Weber, 567 30th St.
 Contractor—Jas. L. Rich, 556 37th.
 Architect—Not Given. \$3,500

DWELLING
 (2421) 1815 107th AVE., OAKLAND. One-story 5-room dwelling.
 Owner—A. E. Womack, 4819 Tompkins St.
 Contractor—Womack & Son, 617 Estudillo Ave., San Leandro.
 Architect—Not Given. \$3,500

DWELLING
 (2422) 21 OVAL ROAD, OAKLAND. One-story 5-room dwelling.
 Owner—Paul E. Woodburn, 624 Prospect Avenue.

Contractor—Ridgway Woodburn, 2600 La Cuesta.
 Architect—Not Given. \$3,500
 Also garage, \$500.

DWELLING
 (2423) 2955 SHASTA ROAD, BERKELEY. One-story, 5-room frame dwelling and garage.
 Owner—V. S. Vander Hoof.
 Contractor—Harry L. Carlson, 351 Taurus Ave., Oakland.
 Architect—Not given. \$6000

APARTMENTS
 (2424) 2405-07-09-11 IVY DRIVE, OAKLAND. Two-story, 16-room apartments.
 Owner—A. E. Aston, Central Bank Building.
 Contractor—M. P. Brasch, 1600 Mt. Blvd.
 Architect—Not given. \$13,000

DWELLING
 (2425) 4916 COCHRANE AVENUE, OAKLAND. Two-story, 5-room dwelling.
 Owner—Faith Crocker.
 Contractor—H. L. Crocker Jr., 30 Wilding Lane.
 Architect—Not given. \$4000

DWELLING
 (2426) 1819-21 74th AVE., OAKLAND. One-story, 10-room, 2-family dwelling.
 Owner—Manuel De Brum, 1827 74th Ave.
 Contractor—F. J. Leonards, 1456 86th Ave.
 Architect—Not given. \$6000

DWELLING
 (2427) 9891 THERMAL AVE., OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—W. P. Hicks, 10108 Pearmain St.
 One-story garage, \$200.
 Architect—Not given. \$3000

ADDITION
 (2428) 5326 HARBORD DRIVE, OAKLAND. Addition.
 Owner—Dr. H. P. Maloney, 3326 Harbord Drive.
 Contractor—The John J. Moore Co., 354 Hobart St.
 Architect—Not given. \$1300

ALTERATIONS
 (2429) 3901 EAST 14th ST., OAKLAND. Alterations.
 Owner—Vittle Vendor, Inc.
 Contractors—H. J. Christensen Co., & W. E. Lyons Const. Co., 1955 Webster St.
 Architect—Not given. \$4000

ALTERATIONS
 (2430) 1928 CENTER, BERKELEY. Alterations.
 Owner—Capital Co., Bank of Amer. Bldg., Oakland.
 Contractor—City of Berkeley.
 Architect—Not given. \$1200

DWELLING
 (2431) 1510 OLYMPUS DRIVE, BERKELEY. Two-story, 6-rm. frame dwelling and garage.
 Owner—Richard Eyde, 2555 Buena Vista.
 Contractor—J. M. Walker, 401 Ppruce.
 Architect—Not given. \$5000

DWELLING
 (2432) 943 KEY ROUTE BLVD., ALBANY. One-story, 5-room frame dwelling.
 Owner—Dorothy M. Emlay, 1391 Solano.
 Contractor—C. M. MacGregor, 1391 Solano.
 Architect—Not given. \$3000

ADDITIONS
 (2433) 1310 PORTLAND, ALBANY. Additions.
 Owner—M. F. Layton, 1310 Portland.
 Contractor—S. C. Jackson, 8514 Terrace Drive, El Cerrito.
 Architect—Not given. \$1288

DWELLING
 (2434) 6101 MONADNOCK WAY, OAKLAND. One-story, 6-room dwelling.
 Owner—S. & W. Cronin, 1516 35th Ave.
 Garage, \$150.
 Architect—Not given. \$4200

DWELLING
 (2435) 5119 MILES AVE., OAKLAND. One-story, 4-room dwelling.
 Owner—Leslie M. Harlow, 5117 Miles Ave.
 Contractor—Joe Marong, 5423 Claremont Ave.
 Architect—Not given. \$2500

DWELLING
 (2436) 9899 THERMAL AVE., OAKLAND. One-story, 5-room dwelling.
 Owner—N. H. Johnson.
 Contractor—Elmer Johnson, 6127 Foothill Blvd.
 Architect—Not given. \$3000

ALTERATIONS
 (2437) 1609 EAST 21st ST., OAKLAND. Alter and addition.
 Owner and Builder—Mrs. Thelma Keenan, 1609 East 21st St.
 Architect—Not given. \$1950

DWELLING
 (2438) 4006 LINCOLN AVE., OAKLAND. One-story, 4-room dwelling.
 Owner and Builder—Mrs. W. A. Netherby, 3853 Lyman Road.
 Architect—Not given. \$4000

RECONSTRUCTION
 (2439) 3820 KANSAS STREET, OAKLAND. Reconstruction of school.
 Owner—Oakland School District, 1025 2nd Ave.
 Contractor—Harold R. Sproul, 4409 Harbord Drive.
 Architect—C. A. Whitton, 1025 2nd Ave. \$17,389

ALTERATIONS
 (2440) 239 FOOTHILL BLVD., OAKLAND. Alter.
 Owner—Mr. M. Squaglia, 1847 La Salle Ave., S. F.
 Contractor—J. H. Wlitt, 882 56th St.
 Architect—Not given. \$1500

SERVICE STATION
 (2441) 5942 COLLEGE AVENUE, OAKLAND. One-story steel service Station.
 Owner—Standard Oil Co., 1201 Financial Center Bldg.
 Contractor—Independent Iron Wks., 821 Pine St.
 Wreck bldg., \$50.
 Architect—Not given. \$3800

BUILDING
 (2442) 2857 ETTIE ST., OAKLAND. One-story steel factory bldg.
 Owner—Stuart Oxygen Co., 2857 Ettie St.
 Contractor—J. H. Fitzmaurice, 2857 Hamlsh.
 Architect—H. O. Olphand, 18th and Campbell Sts. \$4500

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$200: 125 Peru St.; owner: J. Aceves, prem.; contractor: American Terrazo Co., 36 Wood St.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
370 Safeway	Legg	6512
376 Regents U.C.	Brandlein	15098
377 Wing	Sartorio	4905
378 Pac. T. & T. Radelfinger		1156

WRECKING

(370) NW BUSH and Larkin Sts.
Demolish Lurline Baths Bldg.
Owner—Safeway Stores, Inc.
Architect—Not Given.
Contractor—Frank Legg, 50 Laguna.
Filed, Sept. 29, '38. Dated, Sept. 21, '38
Upon completion 85%
Usual 35 days 15%
TOTAL COST, \$6,512

Bond, \$6512. Sureties, Fidelity and Deposit Corp of Maryland. Plans filed.

FURNITURE

(376) SECOND & PARNASSUS Sts.
Laboratory furniture for Pharmacy Bldg.
Owner—Regents of U. of C.
Engineer—W. B. Reynolds.
Contractor—R. Brandlein & Co., 2141 Bryant St.
Filed Oct. 4, '38. Dated Oct. 4, '38.
Completion 75%
Usual 35 days 25%
TOTAL, \$15,098

Bond, \$16,000 (2 bonds of \$8000). Sureties, Hartford Accident & Indemnity Co. Forfeit \$10. Limit 112. Plans and specifications filed.

ALTERATIONS

(377) 219 14th AVENUE. Alter three-story and basement frame dwelling.
Owner—W. P. Wing, 219 14th Ave.
Architect—O. A. Delchmann, 321 Bush St.
Contractor—Peter Sartorio, 666 Mission St.
Filed Oct. 5, '38. Dated Sept. 29, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$4905

Bond, \$4905. Sureties, United States Guarantee Co. Limit 60 days. Plans and specifications filed.

MODIFICATION

(378) 333 GRANT AVE. Modification of house service panel and additions.
Owner—Pac. Tel. & Tel Co., 444 Bush Street.
Contractor—Radelfinger Bros., 544 Natoma St.
Completion 75%
Usual 40 days 25%
TOTAL, \$1156

Bond, \$1,156. Sureties, U. S. Guarantee Co. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

232 Waite	Potter	2900
233 Jelte	Anderson	21979
234 P. G. & E.	Griffin	5438
235 Carter	Foster	6967
371 Okonite	Green	3225
372 M H A	Mattock	.....
373 Same	Phoenix	375
374 Same	Nelson	2319
375 Same	Ward	4550

DWELLINGS

(232) ALL LOT 48, PTN LOT 49—Lot 33—Ptn Lot 34—Lot 35—Ptn Lot 34, Blk. 8, Key Route Hgts. Tract., Oakland. Three 5-room dwellings.
Owner—Wm. Waite.
Contractor—A. W. Potter & Sons, 6324 Camden St., Oakland.
Filed Sept. 29, '38. Dated June 9, '38.

Foundation in	\$580.00
Frame up	\$580.00
Brown plastered	\$580.00
Completion	\$580.00
Usual 35 days	\$580.00
(on each house)	
TOTAL, \$2900.00 ea. house	
Limit 90 days.	

RESIDENCE

(233) LOT 11 PTN LOT 10 BLK C Claremont Pines, Oakland. Two-story and basement residence.
Owner—Safford A. Jelte.
Architect—Williams & Wastell, Oakland.
Contractor—H. C. Anderson & Son.
Filed, Sept. 30, '38. Dated, Sept. 7, '38
Floor joists in place \$4121
Ready for plastering 4121
Finisher plastering 4121
Completion 4121
Usual 35 days 5494
TOTAL COST, \$21,579

Limit, 130 days. Plans and specifications filed.

ASSEMBLY BLDG.

(234) NEWARK. General construction of assembly building.
Owner—Pacific Gas & Electric Co.
Architect—Not Given.
Contractor—R. A. Griffin, Irvington.
Filed, Oct. 1, '38. Dated, Sept. 27, '38.
15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$5438.57

Bond, \$5438. Sureties, Hartford Accident and Indemnity Co. Limit, 70 days. Plans and spec. filed.

RESIDENCE

(235) LOT 7, BERKELEY VIEW Terrace, Berkeley Residence.
Owner—Dr. H. D. Carter.
Architect—Michael Goodman.
Contractor—Wm. G. Foster.
Filed, Oct. 1, '38. Dated, Aug. 23, '38.
Frame up 25%
Roof and siding in place 25%
Completion 25%
Usual 35 days 25%
TOTAL COST, \$6967

Limit, 90 days. Spec. filed.

EXHIBIT BOOTH

(371) YERBA BUENA SHOALS. Exhibit booth in Palace of Electricity.
Owner—Okonite Co., Russ Bldg.
Architect—Not Given.
Contractor—Nelson, Green & Co., 170 Otis Street.
Filed, Oct. 3, '38. Dated, Sept. 16, '38.
Progress payments.
TOTAL COST, \$3,225

Bond, \$3,225. Sureties, Hartford Accident & Indemnity Co. Limit, Jan. 31, 1939. Spec. filed.

ALTERATIONS

(372) 230 JONES St. Remodel and alter hall building.
Owner—Musicians' Hall Assn. of San Francisco, 230 Jones St.
Architect—Geo. A. Applegarth, Russ Building.
Contractor—A. F. Mattock Co., 212 Clara Street.
Filed, Oct. 3, '38. Dated, Sept. 22, '38.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, \$.....

Bond, \$23,223. Sureties, U. S. Guarantee Co. Limit, 75 days. Plans and specifications filed.

(373) ELECTRICAL work on above.
Contractor—Phoenix - Day Co., 212 Clara Street.
Filed, Oct. 3, '38. Dated, Sept. 22, '38.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, \$375

Limit, 75 days. Plans and Specifications filed.

(374) HEATING System for above.
Contractor—James A. Nelson, Inc., 212 Clara Street.
Filed, Oct. 3, '38. Dated, Sept. 22, '38.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, \$2,319.00

Limit, 60 days. Plans and Specifications filed.

(375) VENTILATING for above.
Contractor—Edw. B. Ward and Co., 212 Clara Street.
Filed, Oct. 3, '38. Dated, Sept. 22, '38.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, \$4,550.00

Limit, 60 days. Plans and Specifications filed.

SAN FRANCISCO COUNTY
PERMITS UNDER \$1000

ALTER dwelling, \$400; 200 Ripley; owner, Mrs. Young, premises; contractor, John Hink, 1459 Van Ness Ave. South.

ALTER dwelling, \$300; N Judah 95 W 21st Ave.; owner, H. Christensen, 1801 19th Ave.

ALTER flat, \$425; 680 Greenwich; owner, G. Montone, prem.; contractor, Raymond Moresi, 1152 Kearny St.

ALTER restaurant, \$400; 210 Ellis; owner, Crocker First Nat'l Bank Post and Montgomery; contractor, Lindgren & Swinerton, Inc., 225 Bush St.

SIGN, electric, \$250; SE 19th Ave. and Lincoln Way; owner, Lachman Bros. premises; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER dwelling, \$500; 2747 Baker; owner, M. Cooper, prem.; contractor, P. G. Soss, 1650 Sanchez.

ALTER dwelling, \$445; NW 24th Avenue and Anza; owner, Mrs. Bordon, premises; contractor, Joe Piasecke, 345 Haight St.

SIGN, electric, \$110; 1148 Harrison; owner, Metropolitan Laundry Co. premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$250; 50 Cotter St. owner, P. Benedetto, prem.; contractor, Alf. De Benedetto, 22 Cotter St.

ALTER dwelling, \$500; 598 15th Ave. owner, C. Conklin, prem.; contractor, S. F. Dal Porto, 4327 Geary Blvd.

ALTER office and store bldg, \$750; 870 Market St.; owner, Flood Realty Co. premises.

ALTER dwelling, \$700; 527 17th Ave. owner, M. O'Connor, prem.; contractor, Carver Niles Co., 1024 Clement St.

ALTER dwelling, \$200; 2220 Clay St.; owner, F. Claxton, premises.

SIGN, electric, \$175; 1010 Clement; owner, Portigal's, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.

MARQUEE, \$400; 761 Market St.; owner, Manning Coffe Co., 761 Market St.; contractor, Dinwiddie Const. Co., 210 Crocker Bldg.

ALTER dwelling, \$150; 1309 12th Avenue; owner, E. B. Ward, 1097 Irving St.; contractor, J. Newton, 2029 Kirkham.

SIGN, electric, \$130; 2512 Mission; owner, The Globe Shop, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTE Rstores and apts., \$980; 2029 Fillmore St.; owner, M. S. Achenbach, 2618 Buchanan; contractor, Geo. C. Todhunter, 1088 Ashbury St.

ALTER dwelling, \$500; 467 Gates St. owner, F. Calabresi, premises; contractor, Progressive Concrete Const. Co., 1438 Van Dyke St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, |
| 4.—Factories and Warehouses | Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and Offices |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Etc. |

3—CHURCHES

Contract Awarded
CHURCH
BURLINGAME, San Mateo Co., Cal.—Sherman Ave. and El Camino Real.
 Frame and stucco church to seat 200 and parsonage.
 Owner—Grace Evangelical Lutheran Church of San Mateo (Rev. Albert R. Kurtz, pastor).
 Architect—Walter R. Hagedohm, 451 N. Western St., Los Angeles.
Contractor—G. W. Williams Co., 10 California Drive, Burlingame.
 Bids will be asked shortly for construction of a parsonage. A parish house seating 250 including stage and kitchen, will be constructed at a later date.

7—FEDERAL BUILDINGS

BIDS WANTED
HICKAM FIELD, T. H.—Until October 21, 1:30 P. M. (P.S.T.) at the office of the Constructing Quartermaster, Fort Mason, Calif., and Oct. 21, 11 A. M. (H.S.T.) at the office of the Constructing Quartermaster, Hickam Field, T. H., bids will be received by the War Department, for construction of the Fire Station and Guardhouse at Hickam Field, T. H.
 Plans and specifications may be obtained at the office of the Constructing Quartermaster, Ft. Mason, upon deposit of certified check in the amount of \$10, payable to the Finance Officer, Fort Mason.

CONTRACT AWARDED
MARE ISLAND, Solano Co., Calif.—Alphons Custodes Chimney Const. Co., Chicago, awarded contract by Bureau of Yards & Docks, at \$15,730, for the construction of a concrete chimney at the Navy Yard, Mare Island; Spec. 3930.

BIDS WANTED
SACRAMENTO, Calif.—Until Oct. 28, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for waterproofing, at the U. S. P. O., and Courthouse, at Sacramento. * 7

BIDS OPENED
SAN DIEGO, Cal.—Fred F. Greenfield Co., 1830 W. Jefferson Blvd., Los Angeles, at \$287,467 submitted low bid to the 11th Naval District, for aviation facilities at the 11th Naval District (Fleet Training Base), San Clemente Island; Spec. 8940.
 Complete bids under item 1 for work complete follow:
 Fred F. Greenfield Co., \$287,467.

L. A. Contracting Co., \$302,300.
 Wm. P. Neil Co., \$313,907
 Eicherich Bros., \$340,712.
 Johnson, Drake & Piper, \$348,450.
 Walter Trepte, \$348,919.
 R. E. Campbell, \$362,214.
 George A. Fuller Co., \$382,000.

LOW BIDDER
TACOMA, Wash.—Stelro and Hansen, 3403 6th St., Tacoma, submitted low bid and was awarded contract subject to PWA approval at \$90,000, to Brigadier General Maurice Thompson, WNG, Camp Murray, Fort Lewis, for additions to Armory, Tacoma.
 Architects Russell, Lance and Muri, 319 S. 7th St., Tacoma.

LOW BIDDER
MARE ISLAND, Solano Co., Calif.—Ingersoll-Rand Co., 1627 K Street, N. W., Wash., D. C., at \$39,750 submitted low bid to the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8907, for steam turbine of straight condensing type for direct connection to existing turbo air compressor including accessories at the Navy Yard, Mare Island, Calif.

BIDS WANTED
COLUSA, Colusa Co., Calif.—Bids are now being received by the Custodian of the building for push button and buzzer system at the U. S. P. O. at Colusa. * 7

Low Bidders
POSTOFFICE
LOS BANOS, Merced, Calif.
 Construction of U. S. Post Office.
 Owner—U. S. Government.
 Plans prepared by Supervising Architect of the Treasury Department, Washington, D. C.
 Low bidder: L. F. Dow Co., 245 Bundy Drive, L. A., \$51,324.
 Second and third low bidders:
 Lemcke Construction Co., Albuquerque, New Mexico, \$52,200.
 George Goedhart, San Diego, \$55,900.

BIDS WANTED
SAN FRANCISCO—As previously reported, until October 26, 10 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, Calif., for construction of one 250-men barracks and one 263-men barracks; estimated cost, \$275,000.
 Plans obtainable upon deposit of certified check in the amount of \$25, payable to the Finance Officer, Fort Mason, Calif.

Bids must be accompanied by bid bond in the amount of 10% of bid. (765) 1st rep. Sept. 17, 1938. * 7

BIDS WANTED
FORT LEWIS, Wash.—Until Oct. 18, 11:00 A. M., bids will be received by Capt. E. P. Antonovich, Construction Quartermaster, Fort Lewis, for 12 type "N-5" Row Houses (NCO Quarters) and 8 single NCO Quarters at Ft. Lewis and 4 type "N-5" Row Houses (NCO Quarters) at McChord Field, est. cost, \$564,420.
 Plans obtainable from the Constructing Quartermaster upon deposit of \$50 certified check payable to Treasurer of United States. * 7

COMPLETE BIDS
SAN FRANCISCO—D. Zelinsky &

Sons, Inc., 165 Grove St., at \$15,635 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for interior and exterior painting and repairs at the U. S. Custom House, San Francisco.
 Complete bids follow:
 D. Zelinsky & Sons, Inc., San Francisco, \$15,635.00.
 Patterson Bros., Oakland, Calif., \$17,950.00.

American Building & Maintenance Co., S. F., \$19,883.00.
 Cramer Bros., San Francisco, \$19,870.00.
 Raphael Bros., S. F., \$22,059.00.
 R. P. Paoli, S. F., \$22,475.00.
 Shulman-Anroy Painting Co., San Francisco, \$25,589.72.
 Henry L. Grohne, Decatur, Ill., \$26,388.00.
 L. Dixon Co., Ltd., S. F., \$32,590.00.

CONTRACT AWARDED
SAN DIEGO, Cal.—Southwest Welding & Mfg. Co., 3201 W. Mission Road, Alhambra, awarded a revised contract by Bureau of Yards and Docks, Navy Dept., Washington, D. C., at \$385,700 for construction of 25 fleet moorings at San Diego; Spec. 8805. The original contract awarded Aug. 15 was for \$227,000, which included a deduction of \$158,700 from \$385,700 if the cast steel anchors were furnished by the government. * 7

Complete Bids
POSTOFFICE
LOS BANOS, Merced, Calif.
 Construction of U. S. Post Office.
 Owner—U. S. Government.
 Plans prepared by Supervising Architect of the Treasury Department, Washington, D. C.
 Low bidder: L. F. Dow Co., 245 Bundy Drive, L. A., \$51,324.
 Complete bids follow:
 L. F. Dow Co., Los Angeles, \$51,324.

Lemcke Construction Co., Albuquerque, N. M., \$52,200.
 George Goedhart, San Diego, \$55,900.
 Robert McCarthy, S. F., \$56,180.
 Schuler & McDonald Inc., Oakland, \$57,238.
 James I. Barnes, Santa Monica, \$58,000.

BIDS WANTED
TUCSON, Ariz.—Until October 13, bids will be received by the Custodian at the Postoffice Bldg., Tucson, for new elevator cables. Spec. obtainable from the above. * 7

CONTRACT AWARDED
SAN DIEGO, Cal.—The Southwest Welding & Mfg. Co., Inc., 3201 West Mission Road, Alhambra, at \$385,700 (revised award under Item 1) was awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8805, for construction of 25 fleet moorings at the Naval Operating Base, San Diego.

CONTRACT AWARDED
FORT LEWIS, Wash.—George A. Fuller Co., 408 S. Spring Street, Los Angeles, at \$719,250 awarded contract by the Constructing Quartermaster, Fort Lewis, for construction of two 500-men barracks.
 Complete bids published October 4.

Site Selected
POSTOFFICE
ANTIOCH, Contra Costa Co., Calif.

First St.
Construction of United States Post
Office.

Owner—U. S. Government.
Plans by Supervising Architect,
Treasury Dept., Wash., D. C.

Site Selected
POSTOFFICE
CULVER CITY, L. A. Co., Calif.
Lincoln Ave.

Construction of United States Post
Office.

Owner—U. S. Government.
Plans by Supervising Arch., Treas-
ury Dept., Wash., D. C.

Site Selected
POSTOFFICE
GARDENA, Calif. Gardena Blvd. and
Berendo St.
Construction of United States Post
Office.

Owner—U. S. Government.
Plans by supervising Arch., Treas-
ury Dept., Wash., D. C.

BIDS WANTED
SACRAMENTO, Calif.—Until Oct.
27, 10:00 A. M., bids will be received
by the Procurement Division, Public
Buildings Branch, Washington, D. C.,
for painting plaster, etc. (old
portions) in the U. S. P. O. and
Court House at Sacramento.

Specifications may be obtained
from the above office and from the
Custodian of the Bldg., at Sacra-
mento.

CONTRACT AWARDED
KETCHIKAN, Alaska.—Harold H.
Schultz, Inc., Liberty Bldg., Yakima,
Wash., at \$2,977 awarded contract by
the Procurement Division, Public
Buildings Branch, Washington, D. C.,
for linoleum floor covering on third
floor of the U. S. Post Office, Court
House, Custom House and Jail at
Ketchikan, Alaska. 7

COMPLETE BIDS
RIVERSIDE, Riverside Co., Calif.
—R. A. Klamp, Riverside, at \$14,566
submitted low bid to the Depart-
ment of Agriculture, Washington, D. C.,
for furnishing and installing me-
chanical equipment for the U. S. Re-
gional Salinity Laboratory at River-
side, Bureau of Plant Industry.

Complete bids follow:
R. A. Klamp, Riverside.....\$14,566
Economy Pibg. & Htg. Co., Long
Beach 15,700
American Engrs. & Contrs.,
Los Angeles 15,889
J. W. Welsh, Alhambra 16,000
J. Herman Co., Los Angeles 16,375
B. K. Stoneman, Los Angeles 16,650
Acme Sheet Metal Works,
Riverside 19,117

BIDS WANTED
YERBA BUENA SHOALS. — As
previously reported until October 14,
2 P. M., bids will be received by the
Department of Public Works at the
office of the California Commission
for the Golden Gate International
Exposition, Room 411, Pacific Mutual
Life Insurance Bldg., 660 Market St.,
San Francisco, and publicly opened
and read in Room 415 of said bldg.,
for electrical work for the Southern
Counties Bldg.; San Joaquin Valley
Bldg.; Alta California Bldg.; and
Mission Trails Wall, on Yerba Buena
Shoals.

Plans and spec. may be obtained
at the above office upon deposit of
\$25, returnable, and may be seen at
the office of the State Architect,
Public Works Building, 12th and N
Streets, Sacramento, and at the of-
fice of the Builders' Exchange in San
Francisco and Oakland.

LOW BIDDERS
SAN FRANCISCO.—D. Zelinsky &
Sons, Inc., 165 Grove St., at \$15,635
submitted low bid to the Procure-
ment Division, Public Bldgs. Branch
Washington, D. C., for interior and
exterior painting and repairs at the
U. S. Custom House, San Francisco.
Second low bid submitted by Pat-
terson Bros., Oakland, at \$17,900.

CONTRACT AWARDED
SAN FRANCISCO.—Western As-
bestos Co., 675 Townsend St., at \$1-
450 awarded contract by the U. S.
Engineer Office, Lt. Col. J. A. Dorst,
District Engineer, 401 Custom House,
San Francisco, under Bid No. 868-
39-96, for furnishing and installing
acoustical tile on the ceilings of
the Power and Fan Rooms of the
Power Room structure at Battery
Davis, Fort Funston, Calif.

BIDS OPENED
RENO, Nevada.—Ralph Tyler, 524
E. 7th St., Reno, at \$5,196 submitted
low bid to the Supervising Superin-
tendent of Construction, Veterans
Administration Facility, Palo Alto,
for lathing and plastering at Veter-
ans Administration Facility, Reno,
Nevada, Treatment Building No. 1.
Work will include metal lath, plaster,
cement plaster, metal furring,
metal corner beads, etc. All work in-
cluded in one item.

Complete bids follow:
Ralph Tyler, Reno, \$5,196.
A. Knowles, S. F., \$5,790.
M. J. King, S. F., \$5,945.
F. A. Arvia, Long Beach, \$6,577.

BIDS OPENED
SAN DIEGO, Calif.—M. H. Golden,
531 Bank of American Bldg., San
Diego, submitted low normal bid
Sept. 29, at \$310,300, to the 11th
Naval District, Foot of Broadway, San
Diego, for two-story barracks bldgs.
to be built at the Naval Operating
base (Marine Corps Base), San Die-
go. Spec. 8909. Other bids were:
Geo. A. Fuller Co., \$825,000; Chas. L.
Fosking, \$842,000; B. O. Larsen, 960,
000; H. Hayson, \$867,571; L. A. Con-
tracting Co., \$871,000; Wm. P. Nell
Co., \$349,000 for B1 and B4 barracks
only. Three of the structures will
contain 33,452 sq. ft. of floor space
and the other two will contain 29-
782 sq. ft. each; all will be class A,
reinforced concrete construction, stucco
ext. precast concrete pile founda-
tions, tile and composition roofing,
concrete floors, terrazzo floors in
toilets and kitchens, clay tile interior
partitions, wood, double-hung win-
dows, steam heating systems. Cost
of the superstructure is estimated at
\$700,000 and the foundation at \$125-
000. Kistner & Curtis, architects, 675
Spreckels Theatre Bldg., San Diego;
Wm. T. Wright, 412 Architects' Bldg.,
L. A., structural engineer. The bids
were held under advisement. 7

BIDS OPENED
SAN DIEGO, Calif.—Wm. P. Nell
Co., 4814 Loma Vista Ave., L. A.,
(L. A. 1101), submitted low normal
bid Sept. 29, at \$410,000, to the 11th
Naval District, Foot of Broadway,
San Diego, for addition to storehouse
at the Naval Operating Base (Naval
Supply Depot), San Diego; Spec. 8910.
Other bids were: Geo. Campbell and
Chas. P. Kelly, \$412,893; Joshua H.
Marks-Charde Co., \$416,000; Hunt &
Curry, \$420,000; L. A. Contracting
Co., \$425,000; Geo. A. Fuller Co., \$426-
000; B. O. Larsen, \$430,000; H. May-
son, \$435,100; Ford J. Twaits, \$438-
678; (10) W. W. Petley, \$440,787; W.
E. Kier Construction Co., \$443,819;
Pozzo Construction Co., \$460,705; Pa-
cific Elevator Co. (Item 9), \$61,500;

Otis Elevator Co. (Item 8) \$61,916.
(Item 9) \$62,892. The work consists
in general of a 7-story addition to
the existing storehouse and includes
concrete construction, steel windows,
pressed steel doors, steel rolling drs.,
metal lath and plaster, roofing and
sheet metal, carpentry, tile work,
terrazzo work, painting, glazing,
electric work, plumbing, heating and
passenger and freight elevators. All
bids were held under advisement. 7

9—HOSPITALS

Plans Rejected
HOSPITAL Cost, \$.....
WILLOWS, Glenn Co., Calif.
One-story reinf. conc. county hospital
to accommodate about 25 beds.
Owner—County of Sutter.
Architect—George C. Sellon, Califor-
nia State Life Bldg., Sacramento
The County of Glenn rejected plans
September 30 at a special election to
approve the project.

CONTRACT AWARDED
SAN FRANCISCO.—J. W. Bender
Roofing & Paving Co., 18th and
Bryant Sts., at \$119 awarded con-
tract by the Dept. of Public Works,
City Hall, for waterproofing of brick-
work above the 7th floor of the Ma-
ternity Wing at San Francisco Hos-
pital, Potrero Avenue and 22nd St.

To Ask Bids Shortly
HOSPITAL Cost, \$79,710
WEIMAR, Placer Co., Calif.
Two-story addition to sanitarium.
Owner—Weimar Sanitarium.
Architect—Harry J. Devine, Cronan
Bldg., Sacramento.
PWA grant of \$35,869 allotted.
Although bids were scheduled to
have opened Oct. 6, it was necessary
to postpone bid call; however, a new
bid call will shortly be issued.

Contract Awarded
HOSPITAL ADDITION
FORT BRAGG, Mendocino Co., Cal.
Two-story and basement frame and
Redwood siding addition to the
Redwood Hospital.
Owner—Redwood Hospital Assn.
Architect—John Easterly, Healdsburg
and Santa Rosa.
Contractor—F. W. Nelson, Ft. Bragg

Contract Awarded
HOSPITAL Cont. Pr., \$221,599
PORTLAND, Ore. San Jackson Pk.
Reinforced concrete hospital to ac-
commodate 78 beds.
Owner—State of Oregon.
Architect—Lawrence, Holford & All-
yn, Falls Bldg., Portland.
Contractor—George H. Buckler Co.,
Lewis Bldg., Portland.

Contract Awarded
ADDITION Cont. Pr., \$40,807
SONORA, Tuolumne Co., Calif.
Two-story concrete addition to pres-
ent County Hospital.
Owner—County of Tuolumne.
Architect—Wm. Mooser, 244 Kearny
St., San Francisco.
Contractor—A. T. Beckett, 224 Scenic
Drive, Piedmont.

13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED
YERBA BUENA SHOALS, Cal.—
Until October 21, 2 P. M., bids will
be received by the Department of
Public Works at the office of the
California Commission for the Golden
Gate International Exposition, Room
411, Pacific Mutual Life Insurance
Bldg., 660 Market St., San Francisco,
and publicly opened and read in Rm.

415 of said building, for general construction of the Auditorium Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until October 24, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Rm. 415 of said building, for general construction of the California Coliseum Livestock Barn on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until October 24, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Rm. 415 of said building, for plumbing work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until October 24, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Rm. 415 of said building, for electrical work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Planned FIREHOUSE. Cost, \$18,000
EUREKA, Humboldt Co., Calif.
Construction of new firehouse.
Owner—City of Eureka.
Architect—Frank T. Georgeson, P. O. Box 55, Eureka.
Application filed for PWA grant of \$8,000.

BIDS WANTED

ALAMEDA COUNTY, Cal.—Until October 25, 10:30 A. M., bids will be received by Alameda County Board of Supervisors, Courthouse, Oakland for installation of a boiler at the Arroyo Sanitarium, Alameda County.

Specifications obtainable from the above office upon deposit of \$25.00.

Bid call scheduled to be opened October 11 was canceled and work re-advertised.

Bid Opened

MEMORIAL HALL.
REDDING, Shasta Co., Calif.
Veterans' Memorial Building.
Owner—County of Shasta (Errol A. Yank, Clerk).

Architect—Masten & Hurd, 442 Post Street, San Francisco.

Low bidder: B. A. Howkins & Co., 1182 Market St., San Francisco, \$72,451.

Mr. Howkins submitted the only bid.

Sub Contracts Awarded

ADDITION. Cont. Pr., \$136,940
SACRAMENTO, Sacramento Co., Cal.
Three-story reinforced conc. addition to county courthouse and jail.
Owner—County of Sacramento (Chas. W. Detering, Jr., county executive).

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—W. C. Keating, 1121 24th St., Sacramento.

Roofing—Capital Roofing Co., 2011

Q St.

Plumbing—Luppen & Hawley, 3126

J Street.

Electric Wiring—J. C. Hobrecht Co.,

2233 Portola Way.

Heating—A. W. Sweet, 112 W. Bas-

settlaue Ave.

Sheet Metal—Jos. H. Mendenhall, 321

N. 12th Street.

Tile Work—H. P. Fisher Tile & Marble Co., 1219 J Street.

Glass—W. P. Fuller & Co., 1013 12th

Street.

Iron Grille Work—California Artistic Metal & Wire Co., 349 7th St.,

San Francisco.

Grading—A. Teichert & Son, Inc., P. O. Box 1113.

Lumber—Diamond Match Co., Chicco Mill Work—Capital City Planing Mill,

1812 9th St.

Painting—Willcoxon & Wilson, 1724

34th St.

Lathing & Plastering—S. A. Tucher-

farber, 2116 36th St.

Reinforcing Steel—Ceco Steel Products Co., 1280 Indiana St., S. F.

Venetian Blinds—Elders Draper Studio, 1827 J St.

Elevator—Otis Elevator Co., 1506 J

Street.

Linoleum—H. W. Rivett Co., 2300 Y

Street.

All of Sacramento, unless otherwise noted.

(1481) 1st rep. Feb. 9; 5th, Sept. 12, 1938. * 13

BIDS WANTED

WILLOWS, Glenn Co., Calif.—Until October 17, 10:00 A. M., bids will be received by the Board of Supervisors of Glenn Co., W. B. Sale, County Clerk, for construction of bldgs. at the county corporation yard.

Plans and specifications on file with the county clerk.

Bids must be accompanied by certified check of 10% of bid.

Complete Bids

COUNTY SHOP BLDG.
FRESNO, Fresno County, Calif.
Steel frame and corr. iron County Shops building (concrete floors and foundations).

Owner—County of Fresno.
Architect—W. D. Coates, Rowell

Bldg., Fresno.

Low Bidder—E. Pedersen, 446 Clark St., Fresno, \$25,521.

Recommendation made to WPA that contract be awarded the low bidder.

Complete bids follow:

R. Pedersen, Fresno.....	\$25,521
T. C. & W. H. Irwin.....	26,855
Harris Construction Co.....	27,591
Midstate Construction Co.....	27,608
L. H. Hansen & Sons.....	29,400
Trewhitt-Shields & Fisher.....	29,629
Richmond Construction Co.....	30,145

Complete Bids

COUNTY WELFARE BLDG.
FRESNO, Fresno County, Calif.
One-story brick Public Welfare Bldg.
Owner—County of Fresno.
Architect—W. D. Coates, Rowell Bldg., Fresno.

Low Bidder—T. C. and W. H. Irwin, 908 Mildreda Ave., Fresno, \$28,568.

Recommendation made to WPA that contract be awarded the low bidder.

Complete bids follow:

T. C. & W. H. Irwin.....	\$28,568
R. Pedersen.....	29,392
Trewhitt-Shields & Fisher.....	30,139
Midstate Construction Co.....	30,343
Richmond Construction Co.....	32,350
Harris Construction Co.....	32,429
L. H. Hansen & Sons.....	33,160

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until October 18, 8 P. M., bids will be received by the San Joaquin Local Health District, John J. Spippy, District Health Officer, 130 South American St., Stockton, for the construction of a new Addition to and the remodeling of present building located at 130 South American St., Stockton.

Plans and specifications may be obtained from the above office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid.

BIDS OPENED

CONCORD, Contra Costa Co., Cal.—J. Hansen, Concord, at \$25,379, submitted low bid to the Mt. Diablo Fire Protection District, E. W. Glazier, Chairman, building committee, for construction of a fire house located at Concord.

Complete bids follow:

J. Hansen, Concord, \$25,379.00.
C. M. Teigland, Oakland, \$27,153.00.
E. J. Freethy, Richmond, \$27,383.00.
E. T. Leiter Sons, Oakland, \$27,487.00.
A. Frederick Anderson, Oakland, \$30,480.00.

Plans Completed
CITY HALL Cost, \$135,000

MARYSVILLE, Yuba Co., Calif. SW corner of Sixth and C Streets. Two-story Class B City Hall Bldg. (13,800 sq. ft. floor space) to contain city offices and city jail. Owner—City of Marysville.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

The City of Marysville voted bonds August 30 in the amount of \$75,000 together with PWA grant will finance construction.

Bids will be asked shortly.

BONDS VOTED
JAIL. Est. Cost, \$117,596

UKIAH, Mendocino Co., Calif.

Two-story reinf. concrete county jail (steam heat, composition roof, two cell blocks to accommodate 20 prisoners each; sheriff's offices, kitchen, psychopathic ward, women's and juvenile sections).

Owner—County of Mendocino.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

The County of Mendocino voted bonds recently in the amount of \$65,000, which proceeds, together with expected PWA grant of \$52,598, will finance construction.

Award Recommended

CITY HALL, ETC.
SONORA, Trilumme Co., Calif.
Two-story reinforced concrete city hall, firehouse and library bldg. Owner—City of Sonora, T. V. Wulf, City Clerk.
Engineer—Charles Gulick, Stockton.
Low Bidder—O. J. Shearer Co., Angels Camp, \$31,250.

Recommendation made to PWA that contract be awarded low bidder, who submitted the only bid.

BIDS OPENED

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison St., San Francisco, at \$103,678, submitted low bid to the Dept. of Public Works, Office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the Southern Counties Building; San Joaquin Valley Building; Alta California Building and Mission Trails Wall, on Yerba Buena Shoals
Complete bids were:
Barrett & Hilp, S. F., \$103,678.
Clinton Const. Co., S. F., \$114,000.
George A. Fuller Co., L. A., \$120,215.

Bids Opened

CITY HALL
SAN LEANDRO, Alameda Co., Calif.
East Forteenth Street.
Part one- and two-story reinforced concrete City Hall, firehouse and jail (150x300-ft.)
Owner—City of San Leandro (E. F. Hutchings, City Clerk).
Architect—Irwin M. Johnson, 2219 7th Avenue, Oakland.
Low Bidder—Geo. Petersen, 1841 Bancroft Avenue, San Leandro, \$84,000.

General bids were received with the following alternate proposals, all deductions:
(1) omit paving;
(2) omit linoleum in police dept.;
(3) change woodwork;
(4) omit portion of retaining wall.
Geo. Petersen, San Leandro \$84,000
(1) 450 (2) 340 (3) 200 (4) 400.
John F. Tulloch, Oakland, \$88,650
(1) 543 (2) 529 (3) 275 (4) 457.
D. W. Nicholson, Oakland, \$92,939
(1) 500 (2) 600 (3) 50. (4) 350.
Vilhadsen Bros., Inc. Oakland \$102,000 (1) 400 (2) 200 (3) (4) 200.
Award to low bidder at \$94,000 recommended.

Completing Plans

LIBRARY Est. Cost, \$50,635
REDWOOD CITY, San Mateo Co.
Construction of new 1-story Library Building on property adj. to the City Hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

The City of Redwood City voted bonds Sept. 27 in the amount of \$97,000 which proceeds together with PWA grant will finance construction of new library building and addition to present city hall.

Bids will be advertised about October 10.

Completing Plans

ADDITION Est. Cost, \$93,906
REDWOOD CITY, San Mateo Co.
Two-story addition to present city hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

The City of Redwood City voted bonds Sept. 27 in the amount of \$97,000, which proceeds together with PWA grant will finance construction of addition to present city hall and new library building.

Bids will be advertised about October 10.

BONDS VOTED

MARTINEZ, Contra Costa Co., Cal.—The City of Martinez, Raymond B. Johnson, City Clerk, voted bonds Sept. 29, in the amount of \$18,000, which proceeds will aid in financing construction of a public library bldg.
Plans by Architect E. Geoffrey Bangs, San Francisco.

Bonds in the amount of \$17,000 for waterfront improvements were defeated. * 13

Bonds Voted

FIRE HOUSE Cost, \$20,000
SAN CARLOS, San Mateo Co., Calif.
Reinforced concrete, Class C firehouse.
Owner—City of San Carlos, L. A. Lynch, City Clerk.
Architects—Thomas M. Edwards and H. A. Schary, 9 Geary St., San Francisco.

The City of San Carlos voted bonds September 27 in the amount of \$11,000, which proceeds together with PWA grant will finance construction.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison St., S. F., at \$103,678 awarded contract by the Dept. of Public Works, Office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the Southern Counties Building; San Joaquin Valley Building; Alta California Building and Mission Trails Wall, on Yerba Buena Shoals.

Preparing Working Drawings EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of exhibit building.
Owner—Doughnut Corp. of America.
Architect—A. R. Williams, 251 Post St., San Francisco

Bids Wanted—To Close October 18, 8 P. M.

HEALTH CENTER Cost, \$52,000
STOCKTON, San Joaquin Co., Calif.
130 South American St.
Health Center, brick construction (Annex 50x100-ft.) offices, dental clinic, nurses' rooms, etc.
Owner—County of San Joaquin.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

PWA has approved grant of \$23,567.

As previously reported, bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened by the San Joaquin Local Health District, John L. Shipy, District Health Officer, 130 South American St., Stockton.

Plans and specifications may be obtained from the architect's office and from the District Health Officer upon deposit of \$20, returnable.

Bids Wanted—To Close October

25, 8 P. M.
CITY HALL Cost, \$135,000
MARYSVILLE, Yuba Co., Calif. SW corner of Sixth and C Streets.
Two-story Class B City Hall building (13,800 sq. ft. of floor space), to contain city offices and city jail.
Owner—City of Marysville.
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Plans and specifications obtainable from the architect's office upon deposit of \$20.00.

Azevedo Const. Co., 5th and V Sts., Sacramento, is figuring plans and desires sub-bids on all portions of the work.

Preparing Working Drawings HALL OF JUSTICE.

Est. cost, \$357,166
BERKELEY, Ala. Co., Calif., rear of present City Hall.

Three-story, reinforced concrete police administration building to contain accommodations for the police dept., courtroom, cell blocks, laboratory, police training school quarters, probation officials' offices, interview rooms, radio broadcast station, etc.

Owner—City of Berkeley, City Manager Hollis R. Thompson.
Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.
The City of Berkeley voted bonds Sept. 27 in the amount of \$196,442, which proceeds, together with PWA grant of \$160,724 will finance construction of building and equipment. Estimated cost of building only, \$296,100.
(6163 1st rep. July 20; 3rd, Sept. 29, 1938. * 13

Contract Awarded

PLASTERING Cont. Pr., \$6,530
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Incidental Plastering, North Courts, Ferry Court, etc.; Contract No. 137.

Owner—S. F. Bay Exposition Co. Inc. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush Street, San Francisco.
Contractor—Leonard Bosch, 167 5th Ave., San Francisco.

Contract Awarded

DIAL UNIT Cost, \$.....
NORTH SACRAMENTO, Sacramento Co., Calif. Rio Linda Blvd. and Nogales Street.

One-story brick and frame dial concentration unit (37x47-ft.) tile front.
Owner—Pacific Telephone and Telegraph Company.

Plans by Engineering Dept. of Owner
Contractor—Lawrence Const. Co. 5372 Ninth Ave., Sacramento.

Bids Wanted — To Close October 25, 2 P. M.

OFFICE BLDG.
EUREKA, Humboldt Co., Calif.
Wood frame office building covered on exterior with Redwood siding and Redwood shingles for the Highway Patrol, Dept. of Motor Vehicles; foundations are in place.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Bids are being received for the entire work.

Plans and specifications obtainable from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25, returnable.

BONDS DEFEATED

MERCED, Merced Co., Calif.—The City of Merced defeated bonds Sept. 27 in the amount of \$107,000, which proceeds were to have aided in financing construction of enlargement and rebuilding of the city hall (est. cost, \$73,550); installation of a new electrical fire alarm system (est. cost \$57,700); and the construction of a municipal swimming tank (est. cost, \$62,772). Application filed for PWA grant of \$86,000, which is 45% of the cost of the three proposed projects. Plans and specifications prepared by City Engineer G. S. Winton. 13

BIDS OPENED

SAN FRANCISCO.—The following bids were received by the Public Utilities Commission, City Hall, un-

der Municipal Railroad Contract No. 177, for repairing and painting car houses and stations as follows: (1) Eureka Station; (2) Forest Hill Station; (3) Gray St. Car House; (4) all work.

Complete bids follow:
 American Bldg. Maintenance Co., 467 O'Farrell St., (1) \$693; (2) \$1,319; (3) \$1,474; (4) \$3,433.
 J. H. Mohr Co., (1) \$800; (2) \$1,328; (3) \$1,570; (4) \$3,627.
 Aristo Painting Co., (1) \$877; (2) \$1,630; (3) \$1,760; (4) \$4,067.
 A. E. Gordon Painting Co., (1) \$1-355; (2) \$2,077; (3) \$2,995; (4) \$5,497.
 Edwin Anderson, (3) \$1,542.
 D. Zelinsky & Sons, (1) \$3,034; (2) \$2,367; (3) \$1,854; (4) \$7,188.

Bids Opened
ADDITIONS
LOS ANGELES, Calif. State Office Building.

Additions to building and grounds improvements consisting of remodeling the remaining portions of the old Times Bldg., the demolition and removal of certain sidewalks, curbs and other work, the construction of new main entrance stairway from First St. to the State Office Building; also sidewalks and curbs.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building Sacramento.

Complete bids follow:
General Work
 J. S. Metzger & Son, 408 S. Spring St., Los Angeles, \$120,000.
 Contracting Engineering Co., Inc., Los Angeles, \$127,784.
 Harvey A. Nichols, Los Angeles, \$133,363.

Electric Wiring
 Moore Electric Co., 321 W Third St., Los Angeles, \$1,426.
 H. H. Walker, Los Angeles, \$1,820.
 Coast Electrical Co., L. A., \$1,869.

Plumbing Work
 Johnston & Washer, 1319 S Los Angeles St., Los Angeles, \$4,387.

Heating and Ventilating
 C. T. Newman Heating & Ventilating Co., 2729 Hooper Ave., Los Angeles, \$4,768.
 J. Herman Co., Los Angeles, \$4,946.
 B. K. Stoneman, Los Angeles, \$6,032.

Bids in Held Under Advertisment.
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of exhibit bldg.
 Owner—American Railway Express Company.

Plans by Engr. Dept. of Owner.
 Announcement shortly.

CONTRACT AWARDED
CONCORD, Contra Costa Co., Cal.
 —J. Hansen, Concord, at \$25,379 was awarded contract by the Mt. Diablo Fire Protection District for construction of a fire house at Concord.

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO, 333 Grant Ave.
 Alterations of power panel involving electrical work, only.
 Owner—Pacific Telephone and Telegraph Company.
 Plans by Engineering Dept. of Owner
 Contractor — Radelfinger Bros., 544 Natoma Street.

14— RESIDENCE

Plans Being Figured
REMODEL RESIDENCE. Est. cost, \$10,000
PIEDMONT, Alameda Co., Calif., 305 Sheridan St.
 Remodel residence.

Owner—Withheld.
 Architect—Frederick H. Reimers, 233 Post St., S. F.

No definite bid opening date set.
 Plans are being figured by the following selected list of contractors.

Clarence H. Thrans, 28 Home Pl., Oakland.
 Willis F. Lynn, 1037 Ashmount Ave., Oakland.
 D. W. Nicholson, 357 12th Street, Oakland.
 Geo. W. Anderson, 211 Hanover St., Oakland.
 Olaf Petersen, 3626 Rhoda Avenue, Oakland.

Plans Being Figured — Bids Close
Oct. 10, 12 Noon.

RESIDENCE Cost, \$.....
SAN FRANCISCO, Divisadero St.
 Two-story frame and stucco residence (hardwood floors, tile baths etc.).

Owner—Withheld.
 Architect—Harold G. Stoner, 251 Kearny Street.
 Bid opening date previously reported in error.

Plans are being figured by the following contractors:
 G. P. W. Jensen & Sons, Inc., 320 Market St., S. F.
 C. Lindberg, 1 Naylor St., S. F.
 J. Harold Johnson, 771 28th Ave., San Francisco.

RESIDENCE
LIVERMORE, Ala. Co., Calif.
 One-story frame residence (5 rms.), shingle roof, hardwood floors, tile bath, etc.

Owner—Ivan Meyers, c/o Architects. Architects—Higgins R Root, Security Bldg., San Jose.

Following contractors are figuring plans:
 Tornell Co., 364 Highland Avenue, Tracy.
 R. N. Jensen, Box 117, Livermore.
 S. Bothwell & Son, 724 J St., Livermore.

R. A. Griffith, Orvington.
 M. White, P. O. Box 136, Center-ville.
 Bid opening date, scheduled at Oct. 1, has been postponed about one week. No definite date set.

Contract Awarded
RESIDENCES Cost, \$.....
SAN FRANCISCO. Bruce and Jackson Streets.

Two 3-story frame residences.
 Owner—R. C. Gray.
 Architect—Fred. L. Confer, Claremont Hotel, Berkeley.
 Contractor—J. R. Armstrong, 834 E. Tenth St., Oakland.

Contract Awarded
RESIDENCE
ORINDA, Alameda Co., Calif.
 One - story frame and stucco residence (hardwood floors, tile baths wood sash, etc.)

Owner—Mr. Ballinger, c/o Architect. Architect—Williams and Wastell, 337 17th Street, Oakland.
 Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

SAN FRANCISCO, Forest Hill.
Being Done By Day's Work.

RESIDENCE Cost, \$.....
 One-story and basement frame residence (5 rooms), hardwood floors tile bath, etc.
 Owner—L. B. Krieger.
 Architect—E. H. Denke, 1317 Hyde.

15— SCHOOLS

BIDS OPENED
SACRAMENTO COUNTY, Calif.—
Henry Finnegan, 1714 16th Street, Sacramento, at \$899 submitted low bid to the San Juan Union High

School District, Sacramento County, for installation of a septic tank at the high school.

Plans by Architect Chas. F. Dean, California State Life Bldg., Sacramento.

Other bids were:
 M. R. Peterson.....\$1,090
 Chas. F. Unger.....1,185
 Lawrence Const. Co.....1,266
 Otto Steinbrenner.....1,375

Bids Wanted — To Close October 13,
4:30 P. M.

ADDITION Cost, \$.....
MERCED, Merced County, Calif.
 Addition to John Muir Gram. School. Owner—Merced Elementary Sch. District.
 Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Plans and specifications may be obtained from the architect's office upon deposit of \$20.

Bids will be opened at 5 P. M., Oct. 13, in the office of the Superintendent of Schools, John Muir Grammar School.

Bids Wanted — To Close October 20,
8 P. M.

JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif.
 One-story frame and brick veneer Industrial Arts Building; known as unit 8; concrete floors, tile roof, etc.

Owner—City of Santa Rosa Junior College District.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans and specifications may be obtained from the architect's office upon deposit of \$15.

Bids will be opened at 8:30 P. M., Oct. 20, in Library of present Administration Bldg. at the Junior College, and must be accompanied by certified or cashier's check or bid bond for 5% of bid.

Complete project, estimated at \$363,191, consists of Industrial Arts bldg., Commercial bldg., assembly bldg. and Administration and library bldg. Plans are completed for the Commercial bldg., and being completed on the balance of work. PWA grant of \$163,435 recently allotted to aid in financing.

CONTRACT RE-AWARDED
STRATHMORE, Tulare Co., Cal.—

Trewhitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno. re-awarded contract by the Strathmore Elementary School District, W. M. Thrall, Clerk, for the construction of a new one-story frame and stucco school building at Strathmore, a P W A project. Plans prepared by Architect H. L. Gogerty, 6722 Yucca St., Hollywood.

BONDS VOTED
FRESNO, Calif.—The City of Fresno voted bonds Sept. 27 in the amount of \$803,000 which proceeds will aid in financing \$1,850,000 school improvement program.

Preliminary plans prepared by Architect Charles Franklin and Fred L. Swartz.

Sub Contracts Awarded
SCHOOL ADDITION

Cont. Price, \$40,800
SALINAS, Monterey Co., Calif.
 One-story frame and stucco addition to the Washington School, consisting of music room, manual training room, domestic science room; composition roof, wood sash, etc.

Owner—Salinas City School District
 Architect—Charles E. Btuner, 7 Wigham St., Salinas.
 Structural Engineer—E. W. Kellberg, 320 Market St., San Francisco.

Contractor—F. S. Stolte, 1405 San Antonio Ave., Alameda.

Roofing & Tile Work—Monterey Co. Roofing & Tile Co., 263 Main St.
Plumbing, Heating & Sheet Metal—Anderson-Dougherty-Hargis Co., 225 Main St.
Electric Wiring—Salinas Elec. Wks., 253 Main St.

Glass—W. P. Fuller & Co., 301 Mission St., S. F.

Window Shades—The Gill-Mann Co., 160, 2nd St., S. F.
Hardwood Floors—Roy Finn, 10 Central Ave.

Iron Grille Work—Schrader Iron Wks. Inc., 1247 Harrison St., S. F.
Grading, Foundations & Concrete—A. A. Dontaiville, Box 544.

Lumber—S. P. Milling Co., 206 Sansome St., S. F.

Mill Work—Hollenbeck Bush Planning Mill Co., P. O. Box 605, Fresno.

Hardware—Marshall-Newell Supply Co., Spear & Mission Sts., S. F.
Painting—Felix Sagert, 217 Salinas Street.

Lathing & Plastering—Western Plastering.

Linoleum—West Coast Linoleum Co. All of Salinas unless otherwise noted.

BIDS WANTED

MARYSVILLE, Yuba Co., Calif.—Until October 12, 8:00 P. M., new bids will be received by the Marysville Elementary School District, Walter Kynoch, Clerk for construction of new roofs for the Marysville Elementary School Buildings located on corner of 7th and F Streets, Marysville.

Plans and specifications may be obtained from the above office and from Architect Chas. F. Dean, 1407 California State Life Building, 10th and J Streets, Sacramento, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid payable to the clerk.

Plans Completed

ADDITION & ALTERATIONS

Est. cost, \$13,000
VALLEJO, Solano Co., Calif.
Additions and alterations at Roosevelt School.

Owner—Vallejo Unified School District, Elmer Cave, Supt. of Schs. Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans forwarded to State Division of Architecture for approval. (789) 15

BONDS DEFEATED

MONTEREY, Monterey Co., Calif.—The Monterey Union High School District defeated bonds Sept. 29 in the amount of \$525,000, which proceeds were to have aided in financing construction of a new high sch. and junior college. * 15

CONTRACT AWARDED

SAN FRANCISCO—D. J. & T. Sullivan, 1942 Polson St., at \$376, was awarded contract by the Department of Public Works, City Hall, for moving two bungalows from Farragut School, Holloway Avenue between Capitol Ave. and Faxon Ave. to Parkside School, 25th Avenue and Ulloa Street

Bids Wanted—To Close Oct. 17, 8 P. M.

SCHOOL ADDN. Cost, \$.....

DELANO, Kern Co., Calif.
Construction of wood frame and stucco classroom addition at the grammar school.

Owner—Delano Union Grammar Sch. District (E. J. Girard, Clerk).

Architect—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.

Plans and specifications obtainable from the architect's office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid.

Bonds Voted JUNIOR HIGH SCHOOL.

Cost, \$600,000
SANTA ROSA, Sonoma Co., Calif.
Construction of new junior high sch. building.

Owner—City of Santa Rosa School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

The City of Santa Rosa school district voted bonds Sept. 29 in the amount of \$330,000, which proceeds together with PWA grant will finance construction.

Contract Approved GYM. BLDG. Cont. Pr., \$65,245

NORTH SACRAMENTO, Sacramento Co., Calif. Grant High School.

First unit of high school plant, consisting of one-story frame with steel trusses, gymnasium building to seat 1800 (second unit consists of 12-room 1-story addition including cafeteria, hand & choral rooms, domestic science and art rooms, etc.).

Owner—Grant Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—M. R. Peterson, 1116 O St., Sacramento.

Award of contract approved by PWA.

BONDS VOTED

VALLEJO, Solano Co., Calif.—The Vallejo Unified School District voted bonds Sept. 29 in the amount of \$225,000, which proceeds together with PWA grant of \$225,000, will finance construction new Lincoln school; addition to Charles F. Curry School; addition of science bldg. and equipment and girls' physical education bldg. at Senior high school and additions and alterations at Roosevelt School.

Plans by Architect John J. Donovan, Berkeley. * 15

Plans Completed SCHOOL ADDN. Est. cost, \$74,000

VALLEJO, Solano Co., Calif.

Construction of addition to Charles F. Curry School.

Owner—Vallejo Unified School District, Elmer Cave, Supt. of Schs. Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans forwarded to State Division of Architecture for approval.

Preparing Working Drawings SCHOOL BLDGS.

SAN MATEO, San Mateo Co., Calif.

San Mateo Union High School.

Unit 1, construction of music and shop bldg. and Unit 2, auditorium bldg.

Owner—San Mateo Union High Sch. District.

Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.

Bonds recently voted in the amount of \$85,000 together with PWA grants will aid in financing construction.

Low Bidders

HIGH SCHOOL. Cost, \$.....
CORCORAN, Kings Co., Calif.

Construction of high school plant, including assembly bldg.

Owner—Corcoran Union High School District (T. H. Brown, Clerk).

Architect—H. L. Gogerty, 6272 Yucca St., Hollywood.

Low bidder: W. W. Petley, 1426 La Brea St., L. A.

Second low bid submitted by J. K. Thomas, Long Beach.

Bids Opened

JUNIOR COLLEGE ADDITION AUBURN, Placer Co., Calif.

One - story classroom and administration building addition at Placer Junior College at Auburn.

Owner—Placer Union High School & Junior College Districts.

Architects—Masten & Hurd, 442 Post St., San Francisco.

Low Bidder—Lawrence Const. Co., 5372 Ninth Ave., Sacramento, \$70,474.

Recommendation made to PWA that contract be awarded low bidder.

Complete bids follow:

Lawrence Const. Co., Sacto.....\$70,494

Empire Const. Co., Ltd., S. F.....73,367

H. W. Robertson, Sacto.....76,192

Moore & Roberts, S. F.....76,382

Campbell Const. Co., Sacto.....76,454

Miller Const. Co., S. F.....78,200

Azevedo Const. Co., Sacto.....78,832

Lembo Const. Co., Albuquerque, N. M.....82,054

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Cal.—Until October 20, 7 P. M., bids will be received by the Watsonville Union High School District, T. S. MacQuiddy, Clerk, for the furnishing, installation and construction of gymnasium apparatus, athletic goods, miscellaneous equip., office equip., sidewalks and curbing, sprinkler system, landscaping and laundry equipment, located at Watsonville.

Plans and specifications may be obtained at the office of Architect Harold H. Weeks, 593 Market St., San Francisco, upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8 P. M., October 20, in the office of the Watsonville High School.

Bonds Voted

SCHOOL Est. Cost, \$100,000

SANTA ROSA, Sonoma Co., Calif. Burbank School.

One - story frame and stucco grammar school to contain 11 classrooms and auditorium.

Owner—City of Santa Rosa School District.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

The City of Santa Rosa school district voted bonds Sept. 29, which proceeds, together with expected PWA grant of \$50,000 will finance construction.

Bonds Voted

AUDITORIUM Est. Cost, \$33,100

SANTA ROSA, Sonoma Co., Calif. Fremont Grammar School.

One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).

Owner—City of Santa Rosa School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

The City of Santa Rosa school district voted bonds Sept. 29, which proceeds, together with expected PWA grant of \$15,100 will finance construction.

Bids Opened

ADDITION

COLUSA, Colusa Co., Calif.

Addition to contain 6 classrooms at the grammar school.

Owner—Colusa Elementary Sch. Dist. Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Low Bidder—Otto Steinbrenner, 2146 Perkins Way, Sacramento, \$36,995

Complete bids follow:

Otto Steinbrenner, Sacto.....\$36,995
Lawrence Const. Co., Sacto..... 37,166
Chas. F. Unger, Sacramento..... 38,424
M. R. Peterson, Sacramento..... 38,995
F. H. Neilson, Orland..... 43,956

Prospective Bidders

ADDITION Est. Cost, \$10,000
FRESNO, Fresno Co., Calif.
Frame and stucco addition (2 class-rooms) to grammar school.

Owner—Teague Elementary School District, Fresno.
Architect—Franklin & Kump, Jr., T. W. Patterson Building, Fresno.
Plans and specifications obtainable from the architect's office.

As previously reported, bids will be opened October 10, 8 P. M.
Following have taken out plans:
Ericson & House, Rt. 6, Box 540, Fresno.

Lewis C. Nelson, Rt. 1, Box 414, Kingsburg.
Lee Nelson, Clovis.

Prospective Bidders

AUDITORIUM-GYM Est. Cost \$65,000
GUSTINE, Merced Co., Calif.

One - story steel and wood combination auditorium-gym to seat 900.
Owner—Gustine Union Elementary School Dist. (Mrs. Viola Gabriel, Clerk).

Architect—Franklin & Kump, Jr., T. W. Patterson Building, Fresno.
Plans and specifications obtainable from the architect's office.

Bonds voted in the amount of \$36,100, together with PWA grant, will finance construction.

As previously reported, bids will be opened October 7, 8 P. M.
Following have taken out plans:
W. J. Ochs, Inc., Helm Building, Fresno.

L. H. Hansen & Sons, P. O. Box 519, Fresno.

Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

R. W. Brown Const. Co., 118 South K St., Madera.

Liner & Allen, P. O. Box 43, Merced.
L. Ubels, Ripon.
Roy Kruger, Gustine.

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal.—Until October 17, 2 P. M., bids will be received by Los Angeles Board of Education for a new classroom bldg. to be built at the San Pedro high school, 1001 W 15th St., San Pedro, a PWA project. Separate bids will be taken on the general, plumbing, heating and ventilating, painting and electric wiring contracts. Estimated cost \$150,000. Gordon B. Kaufmann, architect, 627 S. Carondelet Street, Los Angeles; Murray Erick, structural engineer; Elliott Lee Ellingwood, mechanical engineer. * 15

Low Bidder
CHEMISTRY BLDG.
CORVALLIS, Oregon.

Three-story and basement chemistry building.

Owner—Oregon State Board of High Education, Charles D. Byrne, Secretary, Oregon Bldg., Portland

Low Bidder—Dougan-Hammond Construction, Rothschild Bldg., Portland, \$213,665.

Prospective Bidders
SCHOOL Cost, \$190,000
COALINGA, Fresno Co., Calif.

Construction of new Sunset School (reinf. concrete construction).

Owner—Coalinga Elementary School District (Annie Cheney, Clerk).

Architect—W. D. Coates, Rowell Bldg., Fresno.

Plans and specifications obtainable from the architect's office upon deposit of \$25.00.

Bids must be accompanied by certified or cashier's check or bid bond

for 5% of bid, and will be opened in the present Sunset School building, Coalinga.

As previously reported, bids will be opened October 13, 8 P. M.

Following have taken out plans:
L. H. Hansen & Sons, P. O. Box 519, Fresno.

Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

O. H. Strauser, 900 Dawson Ave., Long Beach.

N. H. Sjoberg & Son, 5604 E 16th St., Oakland.

F. C. Stolte Co., 1405 San Antonio, Alameda.

H. A. Nichols, 936 E Slauson Ave., Los Angeles.
W. W. Petley, 1426 S. La Brea, Los Angeles.
Harman Const. Co., 4540 Cutter, Glendale.

BONDS VOTED

ALAMEDA, Alameda Co., Calif.—The City of Alameda voted bonds Sept. 27 in the amount of \$22,000 for construction of new school buildings, and \$350,000 for earthquake reconstruction of present schools, which proceeds, together with the expected PWA grant of \$466,000, will finance construction. * 15

CONTRACT AWARDED

FURNITURE Cont. Pr., \$15,098
SAN FRANCISCO, College of Pharmacy, University of Calif., Second and Ave. and Parnassus St.

Installation of laboratory furniture. Owner—Regents of the University of California, Berkeley.

Contractor—R. Brandlein & Co., 2141 Bryant St., San Francisco.

Prospective Bidders.

ADDITION Est. Cost, \$130,000
WOODLAND, Yolo Co., Calif.

New 2-story annex addition to the Woodland High School.

Owner—Woodland High School District.

Architects—Dragon & Schmidts, 2068 Allston St., Oakland.

Bonds voted in the amount of \$75,000, together with PWA grant, will finance construction.

As previously reported, plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened in the office of the Board of Education at Woodland.

As previously reported, bids will be opened Oct. 12, 8 P. M.

Following contractors have taken out plans:
Peter Sartorio, 369 Pine St., San Francisco.

K. E. Parker Co., 135 South Park, San Francisco.

Campbell Const. Co., 800 R Street, Sacramento.

Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Villadsen Bros., Inc., 354 Hobart St., Oakland.

N. L. Sjoberg & Son, 5604 E 16th St., Oakland.

B. A. Howkins & Co., 1182 Market St., San Francisco.

Azevedo Const. Co., Fifth and V Sts., Sacramento.

Correction in Sub-Contract
SCHOOL ADDN. Cont. Pr., \$40,800
SALINAS, Monterey Co., Calif.

One - story frame and stucco addition to Washington School.

Owner—Salinas City School District. Architect—Chas. E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

Plans Being Figured—Bids Close
October 24, 10 A. M.
SHOP BLDG. Cost, \$..

MAXWELL, Colusa Co., Calif.
One-story frame and stucco agricultural shop building at the high school.

Owner—Maxwell Union High School District.

Architect—O. A. Deichmann, 321 Bush St., San Francisco.

Alfred J. Hopper, 243 Langton St., San Francisco, is figuring plans and desires sub-bids not later than October 22 on all portions of the work.

Sub Contracts Awarded

ADDITION Cont. Pr., \$135,000
OLDALE, Kern Co., Calif.

New unit to be added to the grammar school to contain classrooms, manual training dept. and a cafeteria.

Owner—Standard School District. Architect—Chas. H. Bigger, 554 Harberfield Bldg., Bakersfield.

Contractor—Henry Elssler, 2229 18th St., Bakersfield.

Roofing—Orval W. McNay, 1669 1/2 Chester Ave.

Plumbing—Bakersfield Plumbing Co., 1817 M St.

Electric Wiring—W. T. Drury, 615 19th St.

Heating & Ventilating—W. H. Fisher, 2606 Chester Ave.

Sheet Metal—Geo. E. Wilson.

Tile Work & Marble—Kern Co. Roofing Co., 427 E. 21st St.

Glass & Glazing—W. P. Fuller & Co., 2016 Chester Ave.

Venetian Blinds—Bakersfield Sandstone Brick Co., 501 Sonora St.

Hardwood Floors—O. W. Newman, 1713 2nd St.

Reinf. & Struc. Steel—Kyle & Co., 346 G St., Fresno.

Excavating—C. W. Hartman, P. O. Box 1632.

Asphalt Tile & Linoleum—McNaul & Baxter, 2231 Union Ave.

Mill Work—Fresno Planing Mill, H and Monterey Sts., Fresno.

Painting—John Jenkins, 213 Harding Ave., Oldale.

Hollow Metal & Metal Clad Doors—Francis Kimble, P. O. Box 1093.

Toilet Stalls—Bakersfield Sandstone Brick Co., 501 Sonora St.

Steel Sash—Soule Steel Co., 1750 Army St., S. F.

All of Bakersfield, unless otherwise noted.

Prospective Bidders

SCHOOL ADDITION
PIACERVILLE, Eldorado Co., Cal.

Addition to the high school to contain gymnasium, science room and cafeteria.

Owner—El Dorado County High Sch. District. Leo. N. Ench, Clerk.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

The high school district voted bonds recently in the amount of \$95,000 which proceeds will aid in financing construction.

As previously reported, bids will be opened October 11, 7:30 P. M.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.
Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the El Dorado County High School, Placerville.
Following have taken out plans:
Azevedo Construction Co., 5th and V Sts., Sacramento.
Moore & Roberts, 693 Mission St., San Francisco.
Lindgren & Swinerton, Inc., 619 H St., Sacramento.
Campbell Construction Co., 800 R St., Sacramento.

Lawrence Construction Co., 5372 Ninth Ave., Sacramento.
Wm. C. Keating, 1121 24th Street, Sacramento.
Otto Steinbrenner, 2146 Perkins Way, Sacramento.
H. W. Robertson, 3004 F Street, Sacramento.

Bids Wanted — To Close October 14, 5 P. M.

GYMNASIUM Cost, \$80,000
LONGVIEW, Washington.
Concrete gymnasium bldg.
Owner—Board of Education, (School District 122, Cowlitz Co., (Ruth E. Russell, Clerk).
Architect—N. Torbitt, Lloyd Bldg., Seattle and Ray W. Weatherby, Henry Bldg., Longview.
Plans and specifications obtainable from the architects' office upon deposit of \$25.

BIDS REJECTED

PRESCOTT, Ariz.—Prescott School Trustees rejected bids received Sept. 29 for a gym. bldg. to be built at the high school. McClinty Construction Co., Phoenix, Ariz., was low bidder. New bids will be asked. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix, Ariz. 15

Contract Awarded

ADDITION
SEBASTOPOL, Sonoma Co., Calif.
Addition to gymnasium (boys' shower, tennis courts, fences, lockers, etc.) at Anahy High School.
Owner—Aanahy Un. High School District (R. H. Irwin, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.
Contractor—C. W. Shatto, 300 Murphy Ave., Sebastopol.

Contract Awarded

GYMNASIUM
LAKEPORT, Lake County, Calif.
One-story frame gymnasium at Clear Lake High School (composition roof, marble floors; no plumbing work).
Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.
Contractor—A. O. Lightford, Upper Lake.

BIDS WANTED

TULARE CO., Calif.—Until Oct. 14, 11:00 A. M., bids will be received by the Exeter School District, Lincoln school bldg., Exeter, for construction of a school containing 6 classrooms, assembly room, gym and offices. Plans may be obtained at the office of H. L. Gogerty, architect, 6272 Yuca St., Hollywood, upon deposit of \$25. Est. cost, \$95,000. 15

Contract Awarded

COMPLETE SCHOOL
Cont. Price, \$67,810
ALAMEDA, Alameda Co., Cal. Bay and Santa Clara (Mastick Sch.).
Completion of 1-story and part basement modernistic U-shaped elementary school bldg. (12 classrooms, gym, and auditorium), to be built around a central courtyard of which the exterior stuccoed frame shell on conc. foundation and the composition roof are completed.
Work includes interior mill work, doors, windows, linoleum, lathing and plastering and finish electrical work.
Owner—Alameda Board of Education (Wm. G. Faden, Supt.).
Architect—Kent & Hass, Underwood Bldg., San Francisco.
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

October 6, 1938

Contract Awarded
HIGH SCHOOL

Cont. Price, \$237,107
CORCORAN, Kings Co., Calif.
Construction of high school plant, including assembly bldg.
Owner—Corcoran Union High School District (T. H. Brown, Clerk).
Architect—H. L. Gogerty, 6272 Yuca St., Hollywood.
Contractor—W. W. Petley, 1426 S. La Brea Ave., L. A.
Award, subject to PWA approval, based on bid of \$244,825 including alternates 1 to 8.
Complete basic bids follow:
W. W. Petley, L. A., \$244,825.
J. K. Thomas, \$247,285.
Andy Sordal, \$248,886.
Treshitt-Shields & Fisher, \$259,418.
Fisher & McNulty, \$253,459.
W. E. Allen, \$262,000.
(697) 1st rep. Sept. 20; 2nd, Oct. 5, 1938. 15

BONDS VOTED

CONCORD, Contra Costa Co., Cal.—The Concord Elementary School District voted bonds Sept. 23, in the amount of \$35,000 which proceeds will be used to finance construction of alterations and improvements to school buildings.
(528) 1st rep. Aug. 31, 1938. 15

Contract Awarded

LOS ANGELES, Calif.—Halper Construction Co., 6150 Wilshire Blvd., awarded general contract by L. A. Board of Education, at \$143,143, for construction of a two-story, class A school as the Trinity Street Sch., 3814 Trinity St., a PWA project. Roland E. Coate, architect, 701 Architects' Bldg.; Paul E. Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer. 15

BIDS WANTED

SANTA BARBARA CO., Calif.—Until October 15, 11:00 A. M., bids will be received by the Wasloja Sch. District for construction of a school bldg., teacher's cottage and a water system at the Wasloja school, Cuyama valley, Santa Barbara County. Plans and specifications may be obtained from Architects Lockard & Cheesman, 117 E. De la Guerra St., Santa Barbara, upon deposit of \$25. Certified or cashier's check or bond for 5% required. Est. cost, \$9500.

October 6, 1938

Bids Wanted — To Close October 14, 5 P. M.

SCHOOL ADDITION. Cost, \$150,000
NEWEBERG, Oregon.

One-story frame and brick veneer addition and shop unit at high school.
Owner—Union High School District 6, Yamhill County, (W. E. Nelson, Clerk).
Architect—John Laurin Reynolds, 841 Williamette St., Eugene.
Plans and specifications obtainable from the architect upon deposit of \$25. 15

October 6, 1938

Bids Wanted — To Close October 25, 4 P. M.

RECONSTRUCTION
OAKLAND, Ala. Co., Calif. 103rd Avenue and E St.
Reconstruction of Stonehurst School.
Owner—Oakland School District.
Engineer—Charles A. Whitton, Second Ave. and 10th St., Oakland, (Sch. Administration Bldg.).
Plans and specifications obtainable from Room 109, 1025 Second

Ave., Oakland, upon deposit of \$25. Bids will be opened in the same office. (817) 15

LOW BIDDER

LOS ANGELES, Cal.—E. C. Nesser, 4822 W. Jefferson, Los Angeles, submitted low general bid at Los Angeles Board of Education at \$92,925 for construction of a two-story classroom building (180x60-ft.) at the Norwood St. school, 1975 Norwood St., a PWA project. Plans prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

October 6, 1938

CONTRACT AWARDED

GLENDALE, Los Angeles Co., Cal.—Herbert J. Murphy, 170 N. Fifth St., Monrovia, awarded contract for construction of a 2-story 28-room convent on Elk St. bet. Glendale Ave. and Louise St., Glendale, for Roman Catholic Archbishop (Holy Name Convent); Erwood P. Eiden, architect, 106 E. Wilson Ave., Glendale. 15

October 6, 1938

BIDS WANTED

PHOENIX, Ariz.—Until Oct. 20, 7 P. M., bids will be received by the Phoenix Un. High School and Junior College District for the construction of a library, auditorium and administration building at the site of the new junior college plant in Phoenix, a PWA project. Plans and specifications may be obtained from Lescher & Mahoney, supervising architects, 1100 Title & Trust Bldg., Phoenix, upon deposit of \$10. Certified or cashier's check for 5% required. H. H. Green, Phoenix, architect. 15

October 6, 1938

BIDS WANTED

PHOENIX, Ariz.—Until Oct. 31, 2 P. M., bids will be received by Maricopa County, Ariz., Supervisors for the addition of two classrooms, a library and toilet rooms, together with equipment, to Liberty Grammar School. Orville A. Bell, Heard Bldg., Phoenix, is the architect. 15

Completing Working Drawings
SCHOOL. Cost, \$41,810

BAY POINT, Contra Costa Co., Calif.
Addition of five classrooms, office, library and installation of heating.
Owner—Port Chicago School District.
Architect—Harold H. Weeks, 593 Market St., S. F.
PWA grant of \$18,810, together with recently voted bonds on \$23,000 will finance construction.

Bids Wanted — To Close October 14, 4:30 P. M.

ADDITION. Cost, \$.....
MERCED, Merced County, Calif.
Addition to John Muir Gram. School.
Owner—Merced Elementary Sch. District.
Architect—Alfred W. Petersen, clerk.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

As previously reported plans and specifications may be obtained from the architect's office upon deposit of \$20.

Bids will be opened at 5 P. M., October 14, in the office of the Superintendent of Schools, John Muir Grammar School.

Bid opening date previously reported in error.

BIDS WANTED

SAN DIEGO, Calif.—Until October 18, 7:30 P. M., bids will be received by San Diego Board of Education for two gym. bldgs. to be built at

the Herbert Hoover high school, San Diego, a PWA project. Estimated cost, \$125,000. Plans obtainable from Architects Kistner & Curtis, 675 Spreckels Theater Bldg., San Diego, or 412 Architects' Bldg., L. A.; no deposit. Check or bond for 5% to accompany bid. 15

LOW BIDDER

LOS ANGELES, Calif.—Halper Construction Co., 6150 Wilshire Blvd., submitted low general contract bid to L. A. Board of Education, at \$143,143, for construction of a two-story, class A school bldg., to be built at the Trinity St. school, 3814 Trinity St., a PWA project. Roland E. Coate, architect, 701 Architects' Building; Paul E. Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 27, 2 P.M., bids will be received by L. A. Board of Education for remodeling the present main bldg. at the Kern Ave. Jr. High School, 4775 4th St., into an administration bldg., and for a new classroom bldg., a physical education bldg., two new shop bldgs. and a cafeteria bldg. to be built on the site, a PWA project. Estimated cost \$275,000. Plans prepared by the architectural section of the board; A. S. Nibecker, Jr., architect, will be available Monday, Oct. 3. Separate bids will be taken on the general, plumbing, heating and ventilating, painting and electric wiring contracts. 15

Bids Wanted—To Close October 15, 8 P. M.

SCHOOL Cost, \$.....
KERN COUNTY, Calif. Tejon Pass bet. Fort Tejon and Lebec.

New grammar school building. Owner—Pershing Elementary School District G. A. Watson, Trustee). Architect—Frank Wynkoop, 420 Haberfeld Bldg., Bakersfield.

Plans and specifications obtainable from the architect's office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the Pershing Schoolhouse at Lebec.

LOW BIDDER

LOS ANGELES, Calif.—O. K. Earl, Jr., 900 E. Foothill, Altadena, submitted low bid to Whittier Union High School District, at \$183,000, for construction of a girls' gym building and swimming pool gallery on West Philadelphia St., Whittier, a PWA project. Wm. H. Harrison, architect, 1101 Architects' Building, L. A.; Paul Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer. 15

Bids Opened
SCHOOL Cost, \$.....

SAN LUCAS, Monterey Co., Calif. School bldg. to contain three classrooms, auditorium, kitchen, etc.

Owner—San Lucas School District. Architect—C. J. Ryland, 139 Bonifacio Place, Monterey.

Low Bidder—F. C. Stolte Co., 203 Pine St., Pacific Grove, \$79,650.

Total bids follow:
General Work
 F. C. Stolte Co., Pacific Grove, \$79,650
 N. H. Sjoberg & Son, Oakland 83,464
 J. R. Armstrong, Oakland 87,462
 Theo. Maino, San Luis
 Obispo 87,212

Stage Equipment
 Gill-Mann Co., 160 2nd St., San Francisco \$950.57
 N. H. Sjoberg & Son, Oakland 1147.00

Bonds Defeated
JR. HIGH SCHOOL Cost, \$367,000
REDDING, Shasta Co., Calif.
 Construction of Junior High School. Owner—Shasta Union High School District.

Architect—Masten & Hurd, 442 Post St., San Francisco. The Shasta Union High School District defeated bonds Sept. 30 in the amount of \$200,000, which proceeds together with expected PWA grant of \$167,000 were to have financed construction.

BIDS WANTED

FORT BRAGG, Mendocino Co., Cal.—Until October 21, 8 P. M., bids will be received by the Fort Bragg Union High School District, at the office of the Fort Bragg High School, for furnishings and equipment for the high school; WA project; est. cost, \$18,000. Engineer F. W. Kellberg, 320 Market St., San Francisco.

Bids Rejected

SCHOOL BLDG.
HAYWARD, Alameda Co., Cal. Hayward Union High School.

Part one- and two-story reinforced concrete agricultural building. Owner—Hayward Un. High School District.

Architect—H. C. Smith, 3667 Sacramento St., San Francisco.

Low Bidder—A. Frederick Anderson, 1093 Longridge Road, Oakland, \$60,918.

Other bidders were: D. W. Nicholson, \$61,376; C. M. Teigland, \$64,350; W. C. Tait, \$64,485; John F. Tulloch, \$66,482; D. Nordstrom, \$67,109; and Fred J. Early, Jr., \$67,849.

All bids were rejected by the school board.

BIDS WANTED

SAN FRANCISCO—Until October 19, 1:45 P. M., informal bids will be received by the Dept. of Public Wks., Room 251, City Hall, for furnishing and installing four pairs and two single doors at Commodore Stockton School.

Specifications obtainable from Supt. of Bldgs, R. A. Chisholm, 490 11th Street.

Bids Opened

SCHOOL
SAN CARLOS, San Mateo Co., Cal. Chestnut St. N of Arroyo Ave.

Addition of classrooms and auditorium building at San Carlos Central Grammar School.

Owner—San Carlos Elementary Sch. District (H. O. Walters, Clerk). Architect—Thomas M. Edwards, 9 Geary St., San Francisco.

Low Bidder—J. B. Allen, San Carlos, \$61,900.

Bids were taken as follows: Alt. 1, omit firtex on ceiling; Alt. 2, omit linoleum.

Complete bids follow:
 J. B. Allen, San Carlos, \$61,900; (1) \$825; (2) 200.

G. W. Williams Co., Burlingame, \$62,997; (1) \$440; (2) \$220.

Chas. J. Pedersen, San Mateo, \$63,780; (1) \$250; (2) \$205.

Miller Const. Co., San Francisco, \$64,525; (1) \$250; (2) \$220.

John E. Branagh, Piedmont, \$64,700; (1) \$560; (2) \$300.

Central California Const. Co., San Francisco, \$68,777; (1) \$435; (2) \$230.

N. H. Sjoberg & Son, Oakland, \$69,835; (1) \$385; (2) \$225.

R. A. McLean & Co., San Francisco, \$69,896; (1) \$500; (2) \$262. * 15

Prospective Bidders
SCHOOL Cost, \$47,570
MARTINEZ, Contra Costa Co., Cal.
 Block bounded by Almond St.,

Vine Ave., Sycamore St. and Palm Ave.
 Construction of one-story frame Mt. View Primary School building to contain classrooms and kindergarten.
 Owner—Martinez School District, W. A. Ormsby, Clerk.
 Architect—Harold H. Weeks, 593 Market St., S. F.

Plans and specifications will be available shortly from the office of the architect upon deposit of \$20, returnable.

As previously reported, bids will be received until 7 P. M., October 19 and will be opened at 8 P. M., in the office of the Board of Trustees at Martinez Junior High School.

Following have taken out plans: Nielsen & Erbenraut, 201 S. Market St., San Jose.

Willis F. Lynn, 1037 Ashmount Ave., Oakland.

F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Peter Sartorio, 369 Pine St., S. F. N. H. Sjoberg & Son, 5604 E. 16th St., Oakland.

Elmer J. Freethy, 224 16th Street, Richmond.

B. A. Howkins & Co., 1182 Market St., San Francisco.

C. M. Teigland, 525 49th St., Oakland.

H. H. Henning, 1751 Berkeley Ave., Stockton.

Central California Construction Co., Inc., 115 Burrows St., S. F. E. T. Letter Sons, 811 37th Street, Oakland.

Alfred J. Hopper, 1769 Pleasant Valley Ave., Oakland.

Bonds Voted
SCHOOL ADDITION Cost, \$20,000
ANTIOCH, Contra Costa Co., Calif.

Addition of two classrooms at the grammar school. Owner—Antioch Elementary School District.

Architect—Not given. The school district voted bonds recently in the amount of \$11,000 which proceeds together with expected PWA grant of \$9,000 will finance construction.

Bids Wanted — To Close October 21, 8 P. M.

AUDITORIUM Est. cost, \$33,100
SANTA ROSA, Sonoma Co., Calif.
 Fremont Grammar School.

One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).

Owner—City of Santa Rosa School District.

Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.

Plans and specifications may be obtained at the architect's office upon deposit of \$15, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened at 8:30 P. M., in the office of the City Superintendent of Schools.

Bids Opened
COMPLETE SHOP

BERKELEY, Alameda Co., Cal. Bancroft Way and Grove Street.

Completion of two-story reinforced concrete shop unit on the grounds of the Berkeley High School.

Owner—Berkeley Unified School District, (Clara E. Andrews, Secy.), 2325 Milvia St., Berkeley.

Architect—Will G. Corlett and Henry H. Gutterston, 1801 Bank America Bldg., Oakland.

Low Bidders: Proposition No. 1—H. J. Christensen, 1955 Webster St., Oakland, \$189,621; Proposition 2, K. E. Parker Co., 135 South Park San Francisco, \$194,875.

Bids were taken as follows: (1)

work complete; (2) omit linoleum.

Complete bids follow:
 H. J. Christensen: (1) \$199,621; (2) \$185,064.
 K. E. Parker Co., (1) \$199,875; (2) \$194,875.
 Carl N. Swenson Co., (1) \$203,800; (2) \$199,800.
 Fred J. Early, Jr., (1) \$205,965; (2) \$200,965.
 F. C. Stolte Co., (1) \$207,268; (2) \$201,268.
 Central California Const. Co., (1) \$211,371; (2) \$205,371.
 W. K. Van Bokkelen Const., (1) \$217-935; (2) \$213,435.
 George Swanstrom, (1) \$226,000; (2) \$220,000.
 Peter Sartorio, (1) \$226,720; (2) \$220-720.
 Anderson & Ringrose, (1) \$226,000; (2) \$224,500.
 (722) 1st report Sept. 22; 2nd, Sept. 27, 1938.

16—BANKS, STORES AND OFFICES

Planned STORE

SAN FRANCISCO. NW Larkin and Bush Sts.

One-story frame drive-in store bldg., on site of old Lurline Baths Bldg. Parking space.

Owner—Safeway Stores, Inc. Plans by Const Dept. of Owner.

Building on site is now being wrecked by Frank Legg, 50 Laguna St., and bids will later be asked of a selected list of contractors.

Plans Being Figured — Bids Close October 15, 11 A. M.

MARKET BUILDING

MODESTO, Stanislaus Co., Calif. One-story and mezzanine market building, 140x125 ft.) with 60 ft. tower.

Owner—Withheld.

Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans are being figured by a selected list of contractors.

Bids In—Held Under Advertisment.

REMODEL HOTEL.

SAN FRANCISCO. 60 Market St. Remodel exterior of Hotel Terminal; some interior alterations.

Owner—Terminal Hotel.

Architect—William W. Wurster, 260 California St.

Plans Being Figured — Bids Close October 18.

STORE BLDG.

VISALIA, Tulare Co., Calif.

Construction of new store bldg.

Owner—Montgomery Ward & Co.

Plans by Eng. Dept. of Owner.

Plans are being received from a selected list of contractors.

Bids will be opened in the Chicago office of owner. * 16

Planned

SHOW ROOM

SAN FRANCISCO. N.E. 10th St., 373 ft. S.E. Bryant St.

One-story frame show room.

Owner—Zellerbach Levison Co., 465 California St.

Architect—Hyman and Appleton, 68 Post St.

Engineer—H. Rosenthal, 76 6th Ave.

Bids Wanted — To Close October 26,

10 A. M.

BANK.

Est. cost, \$500,000.

BERKELEY, Ala. Co., Calif. Milvia and Center Streets.

Five-story and basement, reinforced concrete, Class B, Farm Credit Administration Bldg., 11th District (172x100 ft.).

Owner—Farm Credit Administration.

Architect—James W. Plachek, 511

Mercantile Bank Bldg., Berkeley. Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Contract Awarded

ADDITIONS Cost, \$.....

REDWOOD CITY, San Mateo Co.

Addition and alterations to Territo

Market building.

Owner—Withheld.

Architect—F. W. Dakin, 625 Market

St., San Francisco.

Contractor—Peter Sorenson, 919 Ar-

guello St., Redwood City.

17— THEATRES

Contract Awarded

THEATRE

OAKLAND, Alameda Co., Calif. Hop-

kins and Brown Sts., Laurel The-

atre.

One-story and balcony theatre (to

seat 990) reinforced concrete con-

struction.

Owner—State Wide Theatre Co.

Architect—A. A. Cantin, 64 Pine St.,

San Francisco.

Contractor—Cahill Bros., Inc., 206

Sansome St., San Francisco.

CORRECTION—Contract Awarded

OAKLAND, Alameda Co., Calif. Hop-

kins and Brown Sts., Laurel The-

atre.

One-story reinforced concrete the-

atre building to seat 875 persons.

Owner—State Wide Theatre Co.

Architect—A. A. Cantin, 64 Pine St.,

San Francisco.

Contractor—Cahill Bros., Inc., 206

Sansome St., San Francisco.

Description of building previously

reported in error.

18— WHARVES & DOCKS

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts

for construction of reinforced con-

crete apron wharf facilities at Berths

57 and 60, Wilmington, Spec. 978,

were awarded by L. A. Harbor Com-

mission, Sept. 26 (subject to PWA

approval) as follows:

Ben C. Gerwick, 112 Market Street,

San Francisco, Sec. A, item 1 and

Sec. D, items 17 and 18, \$293,651.61.

Warren Southwest, Inc., Berth 140,

Wilmington, Sec. C, items 13 and 14,

\$324,374.34.

19—MISC. CONSTRUCTION

BIDS OPENED

SAN FRANCISCO.—A. S. Dutra,

255 California Street, San Francisco,

at \$82 submitted low bid to the

Public Utilities Commission, Room

257, City Hall, for making test holes

at bottom of San Francisco Bay at

two locations; one at S. F. Airport

and one northerly of San Mateo

Point.

Healy-Tibbitts Construction Co.,

S.F., at \$900 submitted only other

bid. * 19

BONDS VOTED

WILLOWS, Glenn Co., Calif.—The

City of Willows voted bonds to fi-

nance construction of a sewage dis-

posal system, and repairs to the fire

alarm system.

Bonds were defeated for an annex

to the city library. * 19

BIDS WANTED

WASHINGTON, D. C.—Until Nov.

10 bids will be received by the U. S.

Maritime Commission, Washington,

D. C., for construction of a single

screw combination passenger and

cargo vessel. * 19

BIDS WANTED

PORTLAND, Ore.—Until Novem-

ber 2, 3 P. M., bids will be received

by the U. S. Engineer Office, Dis-

trict Engineer, 625 Pittcock Block,

Portland, under Bid No. 698-39-146,

for constructing and delivering affloat

at Government Moorings, No. 8010

NW St. Helens Road, Portland, one

single screw Diesel or steam driven

wood hull dredge tender.

Plans and specifications may be

obtained from the above office up-

on deposit of \$50, returnable. * 19

CONTRACT AWARDED

OAKLAND, Calif.—Matson Electric

Equipment Co., 4115 Broadway, Oak-

land, at \$4,121, awarded contract by

the Oakland Port Commission, foot

of Grove St., Oakland, for the in-

stallation of electric power facilities

at Eleventh Street Unit, Outer

Harbor Terminal, Oakland. * 19

BIDS WANTED

LOS ANGELES, Cal.—Until Nov.

15, 2 P. M., bids will be received by

the Los Angeles Water & Power

Purchasing Agent for furnishing and

delivering single circuit, galv. steel

transmission line towers; Spec. 2712,

for the "third circuit line" bet. Los

Angeles and Boulder. Copies of the

specifications may be obtained by

bona fide bidders upon application

to D. P. Nicklins, Purchasing Agent,

Room 601, 205 S. Broadway, Los An-

geles. * 19

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SAN FRANCISCO.—Following sub-

mitted bids to T. A. Brooks, Pur-

chaser of Supplies, 270 City Hall,

under Bid No. 2086, for SFWD stan-

dard hubend gate valves, as follows:

(1) 100 4-inch, (2) 300 6-inch and (3)

200 8-inch.

Bids were:

General Engineering and Dry Dock

Co., (1) \$18.86, (2) \$28.65, (3) \$53.25;

net.

M. Greenberg's Sons, (1) \$13.19, (2)

\$16.39, (3) \$24.49, net.

San Francisco Water Department,

(1) \$13.25, (2) \$18.45, (3) \$26.50, net.

* 20

BIDS WANTED

OAKLAND, Calif.—Until October

12, 5:30 P. M., bids will be received

by the East Bay Municipal Utility

District, John Kimball, Secretary,

512 16th Street, Oakland, under Spec.

LS 222, for furnishing 27,400 l.f. cast

iron pipe, as follows:

(1) 20,000 l.f. Class 150 bell and splig-

of cast iron pipe of 8-inch internal

diameter;

(2) 5,000 l.f. Class 150 bell and splig-

of cast iron pipe of 10-inch internal

diameter;

(3) 2,400 l.f. Class 150 bell and spligot

cast iron pipe of 16-inch internal

diameter.

Plans and specifications may be

obtained from the above office. * 20

BIDS REJECTED

SAN FRANCISCO.—The U. S. For-

est Service Regional Office, Geo. D.

Huestis, Asst. Procurement Officer,

1018 Phelan Building, rejected all bids

under No. 1366 for furnishing 165 gal-

lons of creosote wood preservative;

for Government Island and Stirling

City, Calif. * 20

BIDS OPENED

SAN FRANCISCO.—The following

submitted bids to the U. S. Engineer

Office, District Engineer, 401 Custom

House, San Francisco, under Bid No.

868-39-104, for furnishing and delivering 1550 Lf. of 1,500,000-c.m. cable; fob Port Cronkhitte, Tennessee Point, Marin County.

Westinghouse Electric Supply Co., Alameda Wire & Cable Co., Crescent Electric Co., Hazard Insulated Wire Works, Gray Electric Supply Co., California Electric Supply Co., identical at \$2195.40; reels \$32 each; 2% 10th prox.

Graybar Electric Co., \$2195.50; net; reels \$32 each.

John A. Roehlings Sons Co. of Calif., \$2195.49; net; reels \$32 each.

General Cable Corp., \$2195.49; 2% 10th prox.; price on reels not stated.

The Electric Corp. of San Francisco \$2195.49; 2% 10th prox.; price on reels not stated.

General Electric Supply Corp., \$2,407.15 including reels; 2% 10th prox.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until October 17, 3:30 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for furnishing and delivering 5200 barrels of cement; fob Woodland Avenue Yard Warehouse, Modesto.

Plans and specifications available from the above office. 20

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until October 17, 3:00 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for furnishing and delivering approx. 40,000 barrels of cement in paper bags; fob Woodland Avenue Yard Warehouse, Modesto.

Plans and specifications available from the above office. 20

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until October 19, 8 P. M., bids will be received by the Berkeley Board of Education, and Unified School District, Clara F. Andrews, Secretary, Room 203, Administration Bldg., Berkeley, for furnishing construction materials, as follows:

Lumber, structural steel, reinforcing steel, millwork, concrete, concrete materials, glass, bolts, washers and nuts, misc. tools, nails, rough hardware, finish hardware, misc. hardware, misc. metals, paint materials, roofing materials, insulation materials, asphalt materials, electrical materials, welding rods, plastering material, steel sash, plumbing and heating materials and miscellaneous items; for use in the reconstruction and repair of school buildings and grounds of the Berkeley Unified School District.

Plans and specifications may be obtained from the Secretary of the Board, 2325 Milvia St., Berkeley.

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until October 18, 8:15 P. M., bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, Alameda, for furnishing lumber for the fiscal year ending June, 1939.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 15 installed lead covered cable for the Electrical Department, as follows: (a) 6125 ft., (b) \$200 ft. and (c) \$1800.37.

Identical bids at (a) 36,000 ft., (b) \$1288, and (c) \$2952, were submitted

by the following: Westinghouse Electric Supply Co., American Automatic Elec. Sales Co., The Electric Corp., Electric Supply Co., Graybar Elec. Co., and General Cable Corp.

John A. Roehling's Sons Co., submitted bids at (a) \$1889.86, (b) \$1324.70 and (c) \$2517.48. 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing Portland cement for Hansen Dam, Invt. 161, were opened by U. S. Engineer, L. A., Oct. 3. The items were:

OPTION NO. 1
(1) 75,000 bbls. cement in paper bags, for deliv. f.o.b. RR cars at contractor's shipping point, OR

(2) 75,000 bbls. cement, in paper bags, for deliv. at Hansen Dam, near Roscoe.

Commercial freight applicable to bid under Item No. 2 (for computing f.o.b. mill or whse. price).

OPTION NO. 2
(1) 75,000 bbls. cement, in bulk, for delivery f.o.b. RR cars at contractor's shipping point, OR

(2) 75,000 bbls. cement, in bulk, for deliv. at Hansen dam, near Roscoe.

(See note under Item 2 of Option No. 1).

The bids were:
Riverside Cement Co. and Southwestern Portland Cement Co. (bidding jointly), option 1 (1) f.o.b. Crestmore 45,000 bbls., \$143 bbl. f.o.b. Victorville; 30,000 bbls., \$140 bbl., total \$106,350; (2) \$1.67 bbl., \$125,250, freight rate \$24 bbl. from Crestmore and \$27 bbl. from Victorville; option 2 (1) f.o.b. Crestmore, 45,000 bbls., \$1.18 bbl., f.o.b. Victorville, 30,000 bbls. \$1.15 bbl., total \$87,600; (2) \$1.42 bbl., \$106,500, freight rate same as under option 1.

California Portland Cement Co., option 1 (1) f.o.b. Colton, \$153 bbl., \$118,500; option 2 (1) \$1.30 bbl., \$97,500.

Monolith Portland Cement Co., disc \$10 bbl., 30 days; option 1 (1) f.o.b. Monolith, \$153 bbl., \$118,500; option 2 (1) f.o.b. Monolith, \$1.30 bbl., \$97,500. 20

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1122-D, for furnishing and delivering materials for metal shelving, bins and benches for warehouse No. 2 and No. 3, Boulder Canyon Project, Arizona-California-Nevada, f.o.b. shipping point and/or Boulder City, Nevada. Shelving, bins and benches will be erected by the Government.

Bids were:
The Interior Steel Equip Co., Cleveland, Ohio, \$3,797, wt. 67,000; net; f.o.b. Cleveland.

International Engrg. Works Inc., Framingham, Mass., \$4,684, wt. 56,200; net; f.o.b. Framingham.

The Kendrick-Bellamy Stationery Co., Denver, \$4,449.12, wt. 5,000; net; f.o.b. Youngstown, Ohio.

DeLux Metal Furniture Co., Warren, Pa., \$3,193.23, wt. 57,930; 1%; f.o.b. Warren.

Lyon Metal Products Inc., Aurora, Ill., \$3,753.87, wt. 57,103; net; f.o.b. Aurora.

Fred Medart Mfg. Co., St. Louis, Mo., \$4,528.47, wt. 58,500; net; f.o.b. St. Louis. 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 16,250 tons of coarse aggregate and 8750 tons of sand, Invt. 153, were opened by U. S. Engineer, Los Angeles as follows:

Standard Rock Products Co. and Security Materials Co., disc. \$20 ton 25 1/2 prox.; \$140 ton, \$35,000. Plant at Riverside Dr. and Allen intersection.

Consolidated Rock Products, John D. Gregg and City Rock & Gravel Co., disc. \$20 ton 25th prox.; \$108 ton, \$27,000; add \$.05 ton if average delivery is less than 1000 tons per day; plant near Allen and Riverside Dr.

Graham Bros., disc. \$20 ton 25th prox.; \$135 ton, \$33,750; plant 1/2 mi. from Riverside Drive and Main, Burbank. 20

CONTRACTS AWARDED

BONNEVILLE, Ore.—Contracts for steel towers and transmission cable for construction of transmission lines for the Bonneville project have been awarded by Administrator J. D. Ross, Bonneville project, Portland, Ore., as follows:

Steel towers for the Bonneville-Grand Coulee line—American Bridge Co., \$9,421,850, f.o.b. Pittsburgh, Pa. Steel towers for the Bonneville-Vancouver line—American Bridge Co., \$236,832, f.o.b. Pittsburgh, Pa.

Steel towers for the Vancouver-Kelso line—American Bridge Co., \$140,424, f.o.b. Pittsburgh, Pa.

Conductors and appurtenances for Bonneville-Grand Coulee 230 k.v. transmission line, from North Bonneville, Wash., to Condit, Wash.; Aluminum Co. of America, \$109,101.50, f.o.b. Massena, N. Y.

Conductors and appurtenances for Condit to Grand Coulee 230 k.v. transmission line: Aluminum Co. of America, \$708,185.76, f.o. Massena, N. Y.

Conductors and appurtenances for Vancouver-Kelso 230 k.v. transmission line: Aluminum Co. of America, 128,600.20, f.o.b. Massena, N. Y. 20

CONTRACT AWARDED

ALAMEDA, Alameda Co., Cal.—N. Clark & Sons, Pacific and 4th Sts., Alameda, was awarded contract by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, Alameda, for furnishing sewer pipe for the fiscal year ending June, 1939, as follows: (1) 4-inch; (2) 8-inch; (3) 12-inch; (4) 15-inch and (5) 18-inch.

Identical bids at (1) \$0.148; (2) \$0.3502; (3) \$0.6903; (4) \$1.0506, and (5) \$1.4708 were submitted by N. Clark & Sons, Alameda, and Gladding, McBean & Co., San Francisco.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTER, \$90; Location not given; owner, Mr. Geo. Hagins, prem.; contractor, Berkeley Fuel Supply Co., 1444 Shattuck.

ALTER, \$400; 1059 Euclid; owner, Mr. Sharp, 1059 Euclid; contractor, A. L. Peters, 223 Duncan Way, Oakland.

ALTER, \$150; 2110 McKinley; owner and builder, W. D. House, 2110 McKinley.

ALTER, \$300; 2121 Grant; owner, A. Johnson, 2121 Grant; contractor, T. S. Lossing, 3020 Benvenue.

REPAIRS, \$98; 502 Brush St., Oakland; owner, Julia Fisher and Mary Crowley, 2232 Derby St. Berkeley; contractor, Kice and Wright, 3600 Hopkins St.

RE-ROOF, \$65; 2602 11th Ave., Oakland; owner, Margaret Henninger, 2602 11th Ave.

ALTER, \$50; 1324 Magnolia Street, Oakland; owner, Mr. and Mrs. Horace R. Dunne, 1324 Magnolia St.

GARAGE, \$200; 3733 Balfour Ave., Oakland; owner and builder, D. R. Wilden, 3733 Balfour Ave.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging Harbor Works, Esavva.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light. System	33.—Water Works
25.—Mechanical and Equipment	34.—Parks & Play-grounds
26.—Fire Alarm Syst.	35.—Tunnels
27.—Fire Equipment	
28.—Streets & Highways	

21— BRIDGES

BIDS WANTED

STANISLAUS CO., Calif.—Until October 11, 11:00 A. M., bids will be received by the Stanislaus County Board of Supervisors, C. C. Eastin, Clerk, Court House, Modesto, for the construction of a timber bridge across Dry Creek, where Wells Ford Road crosses Dry Creek, 1½ miles east and 1¼ miles north of the Town of Empire, Stanislaus Co.

Plans and specifications may be obtained from the County Surveyor. * 21

BIDS WANTED

STANISLAUS CO., Calif.—Until October 11, 11:00 A. M., bids will be received by the Stanislaus County Board of Supervisors, C. C. Eastin, Clerk, Court House, Modesto, for the construction of three bridges, as follows: one over the South San Joaquin Irrigation District's main canal on the Dodds Road, one over the Turlock Irrigation District's main canal on Santa Fe Avenue and one over the San Joaquin and Kings River Canal Company's main Canal on the Draper Road, Stanislaus Co.

Plans and specifications may be obtained from the County Surveyor. * 21

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—E. E. Smith, 1636 "B" Street, Eureka, at \$8,895.00 awarded contract by the State Division of Highways, Sacramento, for repairing a reinforced concrete bridge across Bid River about two miles south of Fernbridge, Humboldt County. * 21

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until October 26, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for a reinforced concrete slab supported on concrete and timber bents consisting of eight 10-ft. 0-in. spans replacing portions of a bridge and an approach thereto across East Branch of South Fork of Bel River, 2.7 miles south of Garberville, Humboldt County.

Work involves:

- (1) 115 c.y. remove and dispose of existing masonry;
- (2) 185 c.y. remove and dispose of existing concrete;
- (3) 1,350 c.y. rdwy. excav., unclass.
- (4) 60 c.y. struc. excav.
- (5) 52,500 lbs. bar reinf. steel;
- (6) 420 c.y. Class A Portland cement conc. struc.;

- (7) 4 MFBM Redwood timber select all-heart struc. grade;
- (8) 78 lf. Redwood log railing;
- (9) 2,700 lf. furnish treated Douglas fir piles;
- (10) 61 each drive do;
- (11) 5 c.y. rubble masonry;
- (12) 290 lf. temporary railing;
- (13) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office

21

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until October 28, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, 1365 Harbor Blvd., San Diego, for construction of a reinforced concrete slab bridge across San Luis Rey River about 2 miles south of Rincon, consisting of eight-ten 25-ft. 0-in. spans and two 8-ft. 4-in. spans on cast in place concrete pile bents, San Diego County.

Work involves:

- (1) 50 M. gals. water;
- (2) 1,800 c.y. rdwy. excav., unclass.;
- (3) 450 c.y. struc. excav.;
- (4) 180,000 lbs. bar reinf. steel;
- (5) 875 c.y. Class A Portland cement concrete;

- (6) 4,100 lbs. misc. steel;
- (7) 1,000 lf. timber railing;
- (8) 3,040 lf. furnish cast in place concrete piles;

- (9) 76 each drive steel shells;
- (10) 164 c.y. sacked conc. riprap;
- (11) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BIDS WANTED

VENTURA COUNTY, Calif.—Until October 27, 2 P. M., bids will be received by the State Highway Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the reconstruction of a bridge across the Santa Clara River at Satleoy and approaches thereto; said structure to consist of reinforced concrete girder spans on concrete piers with steel pile foundations, Ventura County.

Work involves:

- (1) 110 c.y. remove existing conc.;
- (2) 150 M. gals. water;
- (3) 4,000 c.y. struc. excav.;
- (4) 7,000 c.y. imported borrow;
- (5) 3 tons liq. asph. SC-2 prime coat
- (6) 500 tons min. agg. plant mix surf.;

- (7) 28 tons liq. asph. ROMC-4 or -5 plant mix surf.;
- (8) 436,000 lbs. bar reinf. steel;
- (9) 1,240 sq. yds. wire mesh reinf.;
- (10) 510 c.y. Class A Portland ce-

- (11) 1,900 c.y. Class A Portland cement conc. struc.;

- (12) 3,400 lbs. misc. steel;
- (13) 1,800 lf. timber railing;
- (14) 400 lf. timber guard rail;
- (15) 5,516 lf. furnish steel piles;
- (16) 197 each drive steel piles;
- (17) 395 c.y. sacked conc. riprap;
- (18) 1 lot jacking exlst. trusses and approach spans into position;
- (19) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento * 21

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Cal.—Chas. W. Pettifer, 703 W. 14th St., Long Beach, at \$34,974, was awarded contract by Long Beach city council, for construction of the West Seaside Blvd. bridge over the L. A. River flood control channel. The proposed bridge will be 582 ft. long with approaches 72 ft. and 58 ft., 12 ft. wide (footbridge), constructed of cros. wood piling (piling 50 ft. in length), 8 piers each with 7 piles, a PWA project. * 21

CONTRACT AWARDED

SAN BRUNO, San Mateo Co., Cal.—R. G. Clifford, 215 Market St., San Francisco, at \$37,800 awarded contract (subject to PWA approval) by the San Bruno City Council, City Hall, for construction of a concrete culvert approx. 3500 feet long over three creeks in San Bruno. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

HUMBOLDT CO., Calif.—Frank Contracting Co., 305 Bocana Street, San Francisco, at \$260,044 awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-75, for dredging about 2,185,247 c.y. materials in Humboldt Bay. * 22

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—G. E. Murray, Route 1, Box 1221, Modesto, at \$0,095 per c.y. submitted low bid to the Reclamation District No. 17, L. B. Raab, Civil Engineer, 109 E. Weber Ave., Stockton, for moving and rebuilding an earthen levee on the San Joaquin River approximately 3¼ miles southwest of French Camp. Work involves about 23,000 c.y. earth moving and is suitable for tractor-drawn scrapers.

Total bids follow:	per c.y.
G. E. Murray, Modesto.....	\$0.095
F. C. Roberts, Lathrop.....	7.1075
L. A. Phillips, Inc., Brentwood 0.1249	
A. F. Maestri, Stockton.....	0.13
H. Earl Parker, Stockton.....	0.137
C. L. Strother, Sacramento.....	0.14
W. C. Watson, Lodi.....	0.14
Parish Bros., Eldridge.....	0.155
A. B. Houser, Stockton.....	0.18
A. L. Green, Oakland.....	0.23

BIDS OPENED

YUBA COUNTY, Calif.—Olympian Dredging Co., 249 First St., San Francisco, at \$43,869, submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for raising and strengthening approximately 7630 lf. existing levee along

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento : California

the east levee of the Feather River in the vicinity of Marysville, Yuba Co., Calif.

Total bids follow:
Olympian Dredging Co., San Francisco, \$43,689.00.

Morrison-Knudsen Co., San Francisco, 47,577.20.

Hemstreet and Bell, Marysville, \$47,841.50.

H. Earl Parker and Harms Bros., Sacramento, \$54,057.30.

Frederickson & Watson Const. Co. and Heafley-Moore Co., Oakland, \$61,724.90.

A. Telchert & Son Inc., Sacramento, \$67,866.90.

Bodenhamer Construction Co., Oakland, \$69,591.20.

D. McDonald, Sacramento, \$100,122.00. * 22

CONTRACT AWARDED

LANE CO., Oregon.—Jacobson-Jensen Company, Portland, at \$97,658.00 awarded contract by the U. S. Engineer Office, District Engineer, 628 Plittcock Block, Portland, under Bid No. 698-39-101, for clearing, bank sloping, gravel excavation, gravel borrow and construction of approximately 8,400 feet of stone riprap revetment, located on the Willamette River at two locations in the Lane County District Improvement Company No. 2, 179 and 180 miles above the mouth of the river and on the McKenzie River in the McKenzie River District Improvement Co., No. 1, 4 miles above the mouth of the stream, Lane Co., Oregon. * 22

23— CANALS

LOW BIDDERS

TURLOCK, Stanislaus Co., Calif.—Following submitted low bids to the Turlock Irrigation District, R. V. Meikle, Engineer, Turlock, for canal construction, as follows:

SCH. 7: Lateral No. 4½, Drop 6 and 7, and Lateral No. 5½, Drop 19 23;

SCH. 8: Lateral No. 6, Drop 9 to Lander Avenue;

SCH. 9: Lateral No. 7, Drop 11 to Lander Avenue;

SCH. 12: Kofcoed Ditch;

SCH. 13: Hudson Ditch;

SCH. 15: Maze and Wren;

SCH. 17: Elmdale Ditch;

SCH. 18: Geo. Olson Ditch.

Low bidders were:
Stanislaus Concrete Products Co., Box 972, Modesto, Sch. 17, \$12,899.

Lloyd W. Terrell, 221 Ninth Ave., Turlock, Sch. 9, \$6362; Sch. 13, \$6,192, Sch. 18, \$1,429.

Ed Erickson, Rt. 4, Box 1516, Modesto, Sch. 7, \$18,542, Sch. 8, \$6,328, Sch. 12, \$6,246.

M. E. Lankard, P. O. Box 51, Denair, Sch. 15, \$2,645. * 23

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until October 17, 10:30 A. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the construction of concrete lining, concrete pipe, and concrete structures in the canals and service ditches of the Modesto Irrigation District.

Plans and specifications available from the above office. * 23

BIDS OPENED

BOISE PROJECT, Idaho.—David A. Richardson, Caldwell, Idaho, at \$18,544.50 submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1123-D, for the construction of structures, D-Line canal laterals 18.7 to 24.3 Payette Division, Boise Project, Idaho.

File and Company, Nyssa, Oregon, at \$19,559, submitted only other bid.

25— MACHINERY AND EQUIPMENT

CONTRACT AWARDED

OAKLAND, Cal.—Merrill Co., 343 Sansome St., San Francisco, at \$1,747 awarded contract by the East Bay Municipal Utility Dist., John Kimball, Secretary, 512 16th Street, Oakland, under Spec. No. 50, for furnishing air lift pumping equipment for Camp Pardee Pumping Plant, as follows:

- (1) Lump sum, one air lift pump consisting of foot piece and deflector delivered at Valley Springs;
- (2) Two air compressors, with motors and V-belt drives, delivered at Valley Springs. * 25

CONTRACTS AWARDED

COLUMBIA BASIN PROJ., Wash.—The Pelton Water Wheel Co., San Francisco, at (1) \$106,493; Woodward Governor Co., Rockford, at (2) \$19,480; and Westinghouse Electric & Mfg. Co., East Pittsburgh, at (3) \$193,480, were awarded contracts by the U. S. Bureau of Reclamation, Washington, D. C., under Spec. 788, for furnishing and delivering (1) 2 14,000-h.p., 4000-r.p.m., vertical-shaft, single-runner, Francis-type hydraulic turbines; (2) two oil-pressure governors; (3) two 12,500-kv-a, 6,900-volt, 60-cycle, eight-tenths power factor, 400-r.p.m., vertical-shaft, alternating current generators, each compensating with direct-connected main exciter and pilot exciter and thrust and guide bearings, for installation in Grand Coulee power plant, Columbia Basin Proj., Wash. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2087, for one Universal iron worker for San Francisco water department.

Bids were:
Moore Machinery Co., \$1490, net.
Harron Richard & McCone, \$1495, net.

C. F. Bulotti Machinery Co., \$2547, 2% 30 days. * 25

BIDS OPENED

FRESNO, Fresno Co., Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 16497, Req. No. 6220, for furnishing one tractor; fob Fresno.

Bids were:
Knox-Hale Machinery Co., San Francisco, \$3499.35.

Budd & Quinn, Inc., Fresno, \$3967.72, disc. 850 30 days.

Food Mch. Corp., San Francisco, \$503, \$50 disc. 30 days.

Barrett Tractor Co., \$3496.20, 8% 20 days. * 25

DENVER, Colo.—Until October 21,

2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1150-D, for furnishing and delivering one clutch-operated, crawler-traction-mounted, full-revolving, Diesel-engine-powered, convertible type, dragline excavator equipped with a 45-ft. boom with a two-sheave boom tip, two 10-ft. boom-insertion pieces, a shovel attachment with a 1-cu. yd. dipper, and other accessory equipment for the Rio Grande Project, New Mexico-Texas; and one clutch-operated, crawler-traction-mounted, full-revolving, Diesel-engine-powered, convertible type, dragline excavator equipped with a 60-ft. boom, one 20-ft. boom-insertion piece, a shovel at-

tachment with 2½ cu. yd. dipper and other accessory equipment for the All American canal System, Boulder Canyon Project, Arizona-California-Nevada, F.O.B. shipping point and/or railroad destination.

Plans and specifications available from above office; no charge to prospective bidders; to others \$0.25 not returnable. * 25

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until Oct. 25, 10:00 A. M., bids will be received by the Imperial Irrigation District, El Centro, for furnishing and deliv. electric control equipment and materials for Drop No. 4 power plant and substation on the All-American Canal, about 15 miles E. of Calexico, Spec. 17. Copies may be obtained from the district office, El Centro, upon deposit of \$10, returnable. Certified or cashier's check or bid bond for 5% must accompany each proposal. This is a PWA project (Calif. 1088-P). M. J. Dowd, Imperial, chief engineer; W. W. Goodson, secretary. The principal items are:

Main control equipment for generator, substation and station auxiliaries.

Excitation and voltage regulator equipment.

Master clock and automatic frequency control equipment.

Storage battery and charging sets. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—Lang Transportation Co., Los Angeles, at \$6.80 per hour, was awarded the contract by the State Highway Dept., Los Angeles, for rental of one Northwest 1936 tracklaying crane with 1½-yd. clamshell bucket and rock tongs for use in Ventura County, Route 133.

The other bids were:
Dimmitt & Taylor: Link-Belt, 1930, \$7.00 hour.

J. O. Cox and C. L. Sheets: GA-2, 1929, \$7.45 hour.

Geo. J. Bock Co.: P&H 1½-yd. rebuilt 1938—\$10.45 hour.

Jack Pryor: Osgood 1-c.y. 1928—\$4.50 (bucket too small). * 25

BIDS OPENED

BONNEVILLE, Ore.—The following submitted bids to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-19, for furnishing and installing (1) two 60,000-kva alternating current generators and auxiliaries; (2) two sets of anchor bolts, and embedded foundation plates for two additional 60,000-kva alternating current generators for the powerhouse at Bonneville.

Total bids were:
Allis-Chalmers Mfg. Co., Milwaukee, Wis., (1) \$1,488,838; (2) \$7,000.

General Electric Co., Schenectady, N. Y., (1) \$1,425,996; (2) \$900.

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa., (1) \$1,451,400; (2) \$360. * 25

BIDS OPENED

LOS ANGELES, Cal.—Hansen and Izer, 1276 E. Main St., Ventura, submitted the only bid to State Highway Dept. for rental of equipment for use in Ventura County. The bids were:

160-c.f. COMPRESSOR
Compressor, \$1.25 hr.; jackhammers \$1.25 each per day, one to 4 sets of hose and steel, \$1.00 per day each; one or more pavement breakers, \$1.25 per day each.

220-Yd. COMPRESSOR
Compressor, \$1.50 hour; jackhammers, \$1.25 per day each; hose and steel, \$1.00 per day each, et; pavement breakers, \$1.25 per day, each.

26— RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until October 14, 3:00 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 178, for construction of tracks to the Bay Bridge Terminal, San Francisco.

Work involves:

- (1) 42,000 sq. ft. removing pave;
- (2) 1450 ft. removing plain track (single track);
- (3) 2500 c.y. excav. track trench;
- (4) 160 c.y. excav. and backfilling conduit and drain trenches;
- (5) 600 c.y. breaking and distributing concrete and brick sub-ballast;
- (6) 1550 c.y. furnishing and delivering crushed rock ballast;
- (7) 2510 ft. constructing plain track (single track);
- (8) 14.5 MBM furnishing and deliv. special track length ties;
- (9) 600 l.f. removing and replacing rails;
- (10) lump sum; installing special track layout at Market and First Sts.;
- (11) lump sum; installing special track layout at Market and Fremont Sts.;
- (12) installing double track over double track crossings;
- (13) lump sum; installing special track layouts at the Bridge Terminal Bldg.;
- (14) 90 applying thermit weld joints;
- (15) 80 furnishing and installing 300,000 C.M. joint bonds;
- (16) 15 furnishing and installing 4/0 joint bonds;
- (17) 120 furnishing and installing 4/0 rail to rail copper cross bonds;
- (18) 10 furnishing and installing 4/0 track to copper cross bonds;
- (19) 3600 ft. furnishing and installing 4/0 copper wire at special work;
- (20) 150 l.f. furnishing and installing ironstone pipe drains;
- (21) 40,000 sq. ft. 2-inch asphaltic pavement on 6-inch concrete base;
- (22) 12,000 sq. ft. 1-1/2-inch asphaltic wearing surface;
- (23) 12,000 sq. ft. 3-inch asphaltic concrete base;
- (24) 3000 sq. ft. asphaltic concrete conform pavement;
- (25) 1500 sq. ft. concrete base for conform pavement;
- (26) 4700 ft. concrete stringer; single track.

Plans and specifications may be obtained from Room 005, 425 Mason Street, upon the deposit of \$10.00. * 26

29— STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO.—Until October 19, 1:45 P. M. informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19191, for removal of slide on State Street between Castro and Levant Streets. Estimated cost \$990.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 251, City Hall, upon the deposit of \$10.00. * 29

BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—Until Oct. 17, 2:00 P. M., (opened at 8:00 P. M.) bids will be received by the Redwood City City Council, E. E. Myers, City Clerk, City Hall, Redwood City, for grad-

ing and paving with a waterbound macadam base and a bituminous macadam wearing surface a distance of 526 feet on Valota Road, extending from the southeast line of Lot 45, Reese Subdivision to the southeast line of Redwood Ave., Redwood City.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

STATE OF WASHINGTON.—Until October 18, 10 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for highway construction, as follows:

Okanogan County: Clearing, grading, draining and surfacing about 9.5 miles of Primary State Highway No. 16, Methow to Carlton, U. S. Public Works Proj. No. Wash. 1382-F (Unit 1), in Okanogan County, involving about 346,900 c.y. of excavation, 26,060 c.y. of crushed stone surfacing, 149 c.y. of concrete, 10,540 lbs. of steel reinforcing bars, 5,178 l.f. of irrigation pipe, 13 MBM of treated timber and lumber, 4094 l.f. of pipe culverts, and other items.

Skagit County: Clearing, grading, draining and surfacing with screened gravel on about 2.2 miles of Secondary State Highway No. 1-H, Conaway to McMurray, U. S. Public Works Project No. Wash. 1341-F (Unit 3), in Skagit County, involving about 16 acres of clearing, 71,420 c.y. of excavation, 7,720 c.y. of selected roadway borrow, 4,550 c.y. of screened gravel surfacing, 3,075 l.f. of cable guard rail Design No. 6, 300 l.f. of half round corr. metal gutter, 763 l.f. of pipe culverts and other items.

Pierce County: Clearing, grading, and surfacing about 1.8 miles of Primary State Highway No. 5, Sumner to Buckley (Eli Hill Section), Federal Aid Project No. 278-A, in Pierce County, involving about 19 acres of clearing, 307,770 c.y. of excavation, 4,380 c.y. of crushed stone surfacing, 7000 l.f. of cable guard rail design No. 6, 4,500 l.f. of half round corr. metal gutter, 2,245 l.f. of water pipe, 2,816 l.f. of pipe culverts, and other items.

Thurston and Grays Harbor Cos.: Clearing, grading, draining, paving with Portland cement concrete and constructing three treated pile and timber trestles on about 0.2 mile of Primary State Highway No. 9, Rochester-West Bridges, Federal Aid Project No. 179-B, in Thurston and Grays Harbor Cos., involving about 4,915 c.y. of excavation, 50 sq. yds. and 42 c.y. of cement concrete pavement, 130 c.y. of concrete, 47 MBM of treated timber and lumber, 31,800 lbs. of steel reinf. bars, 450 l.f. of timber guard rail, Type No. 3, 2,140 l.f. of treated timber piling, 45 l.f. of pipe culverts and other items.

Thurston County: Clearing, grading, surfacing and constructing a road undercrossing on about 1.3 miles of Secondary State Highway No. 1-M, Rochester North Federal Aid Secondary Project No. FAS 207-C and Federal Aid Grade Crossing Project No. FAGS 207-B, in Thurston County, involving about 8 acres of clearing, 54,060 c.y. of excavation, 3,450 c.y. of crushed stone surfacing, 226 c.y. of concrete, 3,195 l.f. cable guard rail design No. 6, 13,410 lbs. of steel reinf. bars, 135,000 lbs. of structural steel, 9,400 lbs. of cast steel, 10 MBM of treated and 9 MBM of untreated timber and lumber, 3,360 l.f. of untreated piling, 870 l.f. of half round corr. metal gutter, 374 l.f. of pipe culverts and other items.

Kittitas County: Clearing, grading, draining, surfacing and manufacturing and stockpiling mineral aggregates (oil rock) on about 1 mile of Secondary State Highway No. 2-E, Forest Boundary South, Federal Aid Secondary Project No. FAS 15-A, in Kittitas County, involving about 8 acres of clearing, 8,570 c.y. of excavation, 5,330 c.y. of selected roadway borrow, 2,220 c.y. of crushed stone surfacing, 750 c.y. of mineral aggregates (oil rock), 402 l.f. of pipe culverts and other items.

Pierce and King Counties: Clearing, grading, draining and surfacing on about 2.8 miles of Secondary State Highway No. 5-D, Pierce county line to Kit's Corner, Federal Aid Secondary Project No. FAS 2-B, in Pierce and King Counties, involving about 20 acres of clearing, 105,630 c.y. of excavation, 17,730 c.y. of selected roadway borrow, 4,290 c.y. of screened gravel surfacing, 5,620 l.f. of cable guard rail design No. 6, 9 MBM of treated timber and lumber, 1,194 l.f. of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. *

BIDS OPENED

SAN BENITO CO., Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$5,787.60 submitted low bid to the Regional Director, Region No. 4, National Park Service, Sheldon Building, San Francisco, for asphalt wearing surface on approximately 1.73 miles entrance road, Pinnacles National Park, San Benito Co., Calif.

Work involves:

- (1) 16,700 gals. furnishing, hauling, and spreading asphalt emulsion;
- (2) 1,200 gals. spreading liquid asphalt;
- (3) 141 tons spreading crushed rock;
- (4) 165 tons rock chips;
- (5) 400 sq. yds. patching.

Total bids follow:

- (A) Lee J. Immel, Berkeley, \$5,787.60.
- (B) Hayward Building & Supply Co., Hayward, \$5,895.40.
- (C) Piazza and Huntley, San Jose, \$5,976.75.
- (D) Granite Construction Co., Ltd., Watsonville, \$6,664.80.
- (E) A. A. Tieslun, Berkeley, \$6,697.80.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	..... 12	10	13	15	11
(2)	..... 12	095	15	20	25
(3)	..... 5.60	6.40	5.75	6.80	6.80
(4)	..... 6.00	6.60	6.00	7.00	6.80
(5)	..... 45	50	25	25	110

CONTRACT AWARDED

HUMBOLDT CO., Cal.—Claude C. Wood, P. O. Box 1714, Stocketon, at \$77,642.00 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for about 14 miles grading and surfacing with road mix surfacing between Big Lagoon and one mile north of Orick, Humboldt County.

CONTRACT AWARDED

INYO COUNTY, Calif.—Oswald Brothers, 366 East 58th Street, Los Angeles, at \$48,856.40 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for about 11.1 miles grading and surfacing with road mix surface treatment between Death Valley National Monument and Death Valley Junction, Inyo Co., Calif. * 29

COMPLETE BIDS

GLENN CO., Calif.—N. M. Ball Sons, 852 Carmel Street, Albany, at \$5,795.50 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, 703 "B" St., Marysville, for construction of a

reinforced concrete box culvert and replacing existing pavement with untreated crushed gravel or stone base and plant mix surfacing about 3.5 miles north of Willows, Glenn Co., Calif.

Work involves:

- (1) 11 M gals. water;
- (2) 750 c.y. imported borrow;
- (3) 400 c.y. structure excav.
- (4) 875 c.y. ditch and channel excavation;
- (5) 27 c.y. removing concrete;
- (6) 21 tons untreated crushed gravel or stone base;
- (7) 10 tons plant-mixed surfacing;
- (8) 95 c.y. Class F Portland cement concrete (structures)
- (9) 12,000 lbs. bar reinforcing steel;
- (10) 40 lf. CMP to be placed, removed and salvaged;
- (11) 1 each 18-inch auto. drainage gate;
- (12) 68 lf. guard railing to be removed and reset;
- (13) 55 lf. timber guard railing;

Complete bids follow:

N. M. Ball Sons, Berkeley, (1) \$3.00, (2) \$1.00, (3) \$1.20, (4) \$0.80, (5) \$5.00, (6) \$3.50, (7) \$6, (8) \$27, (9) \$0.055, (10) \$1.50, (11) \$20, (12) \$1.00, (13) \$2.00, total \$5795.50.
 A. A. Fiebau, Berkeley, (1) \$3, (2) \$0.60, (3) \$3, (4) \$0.35, (5) \$8, (6) 2.50, (7) \$16, (8) \$28, (9) \$0.05, (10) \$1, (11) \$40, (12) \$1.00, (13) \$2, total \$5959.75. * 29

BIDS WANTED

SACRAMENTO, Calif.—Until Oct. 14, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of the alley between "O" and "P" Streets from the easterly line of 16th Street to the westerly line of 17th Street in Sacramento. Plans and specifications may be obtained from the above office. * 29

BIDS OPENED

LASSEN CO., Calif.—Harms Bros., Vinton, at \$10,460.00 submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, for about 0.6 mile of grading and surfacing with gravel and applying penetration oil treatment between 3 miles south of Standish and Wendel, Lassen Co. Total bids follow:
 Harms Bros., Vinton, \$10,460.50.
 C. M. Syar, Loyalton, \$11,873.05.
 Fredericksen and Westbrook, Lower Lake, \$11,719.50. * 29

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., San Francisco, at \$5,853.60 awarded contract by Department of Public Works, Room 251, City Hall, under Spec. No. 19184, for improvement of the easterly one-half of 37th Avenue between Kirkham and Lawton Streets. * 29

BIDS OPENED

VENTURA CO., Calif.—S. Edmondson & Sons, 533 W. 20th Street, Los Angeles, at \$39,671.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.3 miles grading and surfacing with plant-mixed surfacing, two miles west of the Los Angeles County Line, Ventura Co., Calif.

Work involves:

- (1) 17 sta. clear and grobb.
- (2) 500 M gals. water.
- (3) 10 cu. yds. remove exist. conc.
- (4) 8,600 cu. yds. rdwy. excav. with class.
- (5) 350 cu. yds. struct. excav.
- (6) 25 cu. yds. ditch and channel excav.

- (7) 13,500 cu. yds. imported borrow.
- (8) 1,550 cu. yds. imported surf. material.
- (9) 17 sta. finish rdwy.
- (10) 16 tons liquid asph. SC-2 prime coat.
- (11) 610 tons mln. agg. plant mix sur.
- (12) 35 tons liquid asph. ROMC-4 or ROMC-5 plant mix sur.
- (13) 3,600 sq. yds. prepar. mix and shape shoulders.
- (14) 45 tons liq. asph. SC-2 road mix surf. treatment.
- (15) 800 lbs. bar reinforc. steel.
- (16) 15 cu. yds. class A Portland cement structs.
- (17) 12,000 tons heavy riprap.
- (18) 30 lin. ft. 8-in. C M P.
- (19) 390 lin. ft. 24-in. C M P.
- (20) 220 lin. ft. 36-in. C M P.
- (21) 1 each spillway assembly.
- (22) 16 each culvert markers.

* Total bids follow:

(A) S. Edmondson & Sons, Los Angeles, \$39,671.50.

(B) Griffith Co., L. A., \$51,551.95.

Unit prices follow:

	(A)	(B)
(1)	2.50	7.00
(2)	1.00	1.40
(3)	3.00	5.00
(4)	40	27
(5)	1.50	1.20
(6)	1.00	1.20
(7)	.35	.38
(8)	.45	.54
(9)	4.00	7.00
(10)	10.00	9.70
(11)	3.00	3.00
(12)	11.00	8.30
(13)	.06	.09
(14)	10.00	6.25
(15)	.07	.06
(16)	30.00	30.00
(17)	1.95	3.05
(18)	1.50	1.00
(19)	3.25	2.70
(20)	6.25	5.00
(21)	20.00	20.00
(22)	4.00	2.50

CONTRACT AWARDED

PHOENIX, Maricopa Co., Arizona.—Oswald Bros., 366 East 58th St., L. A., at \$122,440.45 were awarded the contract by the Phoenix city commission for the improvement of portions of Van Buren, Monroe, Adams, Washington, Jefferson and Madison Sts., and 20, 21, 22 and 23 Aves., Res. of Inten. No. 6685, a FWA project (Job P-374), in accordance with plans prepared by James Girand, city engineer. The other bids were:
 Arizona Sand & Rock Co., \$123,289.27.
 W. E. Hall Co., \$123,692.75.
 Daley Corp., \$126,172.50. * 29

CONTRACT AWARDED

MARIPOSA & TUOLUMNE COS., Cal.—Hayward Bldg. Supply Co., 941 Jackson St., Hayward, at \$5,246 was awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing bituminous surface treatment on 8.637 miles of Section A-1, Route 4, Tioga Road, Yosemite National Park, Mariposa and Tuolumne Counties. * 29

BIDS WANTED

IMPERIAL COUNTY, Calif.—Until October 11, 3 P. M., bids will be received by the State Highway Department, San Diego, for highway construction in Imperial County, City of El Centro, E Main St., State Highway Route 27, from Southern Pacific R. R. to east city limits and 5th and 6th Sts. from State to Orange Sts., about 1.3 miles to be resurfaced with plant-mixed surfacing.

Work involves:

- (1) 2725 tons of mineral aggregate

- (plant-mixed surfacing);
- (2) 140 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
- (3) 14 tons asphaltic emulsion. Plans and specifications available from above office. * 29

BIDS OPENED

LOS ANGELES, Cal.—C. O. Sparks, 1601 S. Soto Street, at \$23,712.50, submitted low bid to the Los Angeles County Supervisors for the improvement of Slauson Avenue between Central Ave. and Compton Ave. Total bids follow:
 C. O. Sparks, \$23,712.50.
 Geo. R. Curtis Pav. Co., \$26,962.80.
 Oswald Bros., \$27,262.50.
 Warren Sowest, Inc., \$27,461.50.
 Griffith Co., \$27,677.50.
 L. A. Paving Co., \$28,849.90.
 W. E. Hall Co., \$32,935.00. * 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Arizona.—Arizona Sand & Brick Co., Phoenix, at \$32,692.43 awarded contract by the Phoenix City Council, James Girand, Supt. of Streets, City Hall, for the improvement of streets in the city of Phoenix. Docket Ariz.-1080-F. * 29

CONTRACT AWARDED

ELKO CO., Nev.—Tony Marrazzo, Boise, Idaho, at \$49,416.35 awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 1.818 ml. grading and constructing a bridge on Section E of Route 18, Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev. * 29

CONTRACT AWARDED

NAVAJO COUNTY, Ariz.—W. E. Orr, Phoenix, at \$50,846.50 awarded contract by the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, for grading about 3.175 miles, Section B of Route 17 the Snowflake-Pinetop National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz. * 29

LOW BIDDERS

WASHOE CO., Nev.—Isbell Construction Co., Reno, at \$273,691.96, submitted low bid to the State of Nevada. Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 5.22 miles of State Highway System from Verdi to Lawtons, Rt. 1, Sections A2 and A3, Washoe Co., Nev. Dodge Construction Co. Inc., Fallon, at \$274,893.70 submitted second low bid. * 29

CONTRACT AWARDED

TULARE COUNTY, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$40,566 awarded contract by the State Division of Highways, Sacramento, for about 11.1 miles grading and applying road-mix surface treatment between Visalla Airport and 4 miles south of Dinuba (VI-Tul-Feeder), Tulare Co. * 29

CONTRACT AWARDED

WASHOE CO., Nev.—Isbell Construction Co., Reno, at \$273,691.96, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 5.22 miles of State Highway System from Verdi to Lawtons, Rt. 1, Sections A2 and A3, Washoe Co., Nev. * 29

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—G. O. Gartz, 124 West Sixth Street, Los Angeles, at \$23,676.90 awarded contract by the State Division of Highways, Sacramento, for about 1 mile drainage structures and Portland cement concrete pavement to be constructed on Ramona Blvd. near Los Angeles County Sheriffs Pistol Range (VII-LA-26-D) Los Angeles County, Calif. • 29

BIDS OPENED

DOUGLAS, Ariz.—Phoenix-Tempe Stone Co., Phoenix, submitted the low bid to the city council for improving various streets under three FWA projects, as shown below. The bids were:

(A) Phoenix Tempe Stone Co., Phoenix—Docket 1075-F, \$32,986; Docket 1097-F, \$32,986; Docket 1098-F, \$56,165.

(B) J. A. Casson, Hayward, Calif.—Docket 1075-F, \$33,133.50; Docket 1097-F, \$33,133.50; Docket 1098-F, \$57,651.50.

Henry M. Beard, city clerk.

The quantities and bids are:

PWA DOCKET ARIZ 1075-F

- (1) 12,600 sq. yds. excav., grading, reshaping for paving;
- (2) 12,500 sq. yds. aggregate base course complete in place;
- (3) 12,500 sq. yds. plant-mixed asphalt concrete complete in place;
- (4) 12,500 sq. yds. seal coat complete in place;
- (5) 34,000 sq. ft. one course concrete sidewalks, complete in place, Detail 1;
- (6) 5500 l.f. concrete combined curb and gutter, complete in place, Detail 2;
- (7) Engrg. and contingencies.

The bids were:

Phoenix-Tempe Stone Co. (1) 30c, (2) 20c, (3) 55c, (4) 14c, (5) 20c, (6) \$1.39, (7) \$3.666; total \$32,986.

J. A. Casson Co. (1) \$27.5c, (2) 15c, (3) 63c, (4) 11c, (5) 22c, (6) \$1.35, (7) \$3.665; total \$33,133.50.

PWA DOCKET ARIZ 1097-F

- (1) 12,500 sq. yds. excav., etc.;
- (2) 12,500 sq. yds. base course;
- (3) 12,500 sq. yds. plant-mixed asphalt concrete;
- (4) 12,500 sq. yds. seal coat;
- (5) 34,000 sq. ft. one course walk;
- (6) 5500 l.f. concrete combined curb and gutter;
- (7) Engrg. and contingencies.

The bids were:

Phoenix-Tempe Stone Co.—units and totals as above.

J. A. Casson Co.—units and totals as above.

PWA DOCKET ARIZ 1098-F

- (1) 22,500 sq. yds. excav., etc.;
- (2) 22,500 sq. ft. aggregate base course;
- (3) 22,500 sq. yds. plant-mixed asphalt concrete;
- (4) 22,500 sq. yds. seal coat;
- (5) 58,700 sq. ft. one course walk;
- (6) 9500 l.f. concrete combined curb and gutter;
- (7) Engrg. and contingencies, \$5700.

The bids were:

Phoenix-Tempe Stone Co. (1) 30c, (2) 20c, (3) 53c, (4) 10c, (5) 20c, (6) \$1.40, (7) \$5700; total \$56,165.

J. A. Casson Co. (1) 27.5c, (2) 15c, (3) 63c, (4) 11c, (5) 22c, (6) \$1.35, (7) \$5700; total \$57,651.50. • 29

BIDS AWARDED

LOS ANGELES CO., Calif.—Until October 27, 2 P. M. bids will be received by the State Highway Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.8 mile of grading and paving with Portland cement concrete, asphalt concrete and plant-mix surfacing and con-

structing two bridges, Arroyo Seco Parkway, between Hough Street and Meridian Ave. (VII-LA-205-LA), Los Angeles County.

- Work involves:
- (1) Clear and grub;
 - (2) 1500 M. gals. water;
 - (3) 800 c.y. remove conc.;
 - (4) 160,000 c.y. rdwy. excav., unclass.
 - (5) 3,700,000 sta. yds. overhaul;
 - (6) 7,775 c.y. struc. excav.;
 - (7) 21,000 sq. yds. prepare subgrade
 - (8) finish rdwy.;
 - (9) 6 tons liq. asph. SC-2 prime coat
 - (10) 920 tons min. agg. plant mix surf.;
 - (11) 50 tons liq. asph. ROM-C 4 or 5 plant mix surf.;
 - (12) 3,400 tons asph. conc.;
 - (13) 4 tons asph. emulsion seal coat;
 - (14) 2,250 c.y. Class A Portland cement conc. pave.;
 - (15) 227,000 lbs. bar reinf. steel pave. and struc.;
 - (16) 4,200 each pave. dowels;
 - (17) 850 each pave. tile bolt assemblies;
 - (18) 1,675 c.y. Class A Portland cement conc. struc.;
 - (19) 17,500 lbs. misc. iron and steel;
 - (20) 400 l.f. 24-in. stand. reinf. conc. pipe centrifugal type;
 - (21) 280 l.f. 27-inch do;
 - (22) 350 l.f. 30-inch do;
 - (23) 450 l.f. 36-inch do;
 - (24) 310 l.f. 42-inch do;
 - (25) 10 l.f. 8-in. CMP;
 - (26) 1,100 l.f. 18-in. CMP;
 - (27) 220 l.f. 21-in. CMP;
 - (28) 300 l.f. 24-in. CMP;
 - (29) 50 l.f. 30-in. CMP;
 - (30) 40 l.f. remove, clean and relay existing CMP;
 - (31) 1 each spillway assemblies;
 - (32) 1,200 c.y. Class A Portland cement conc. curbs, gutters, sidewalks and depressions;
 - (33) 200 l.f. curb armor;
 - (34) 1,150 l.f. lam. guard railing;
 - (35) 3,250 l.f. chain link fence;
 - (36) 10 each walk gates;
 - (37) 2 each adjust exist. manholes to grade;
 - (38) 1,900 l.f. 1½-in. galv. iron pipe;
 - (39) 1,750 l.f. 2-in. do;
 - (40) 329 l.f. steel railing;
 - (41) 306 lbs. sheet copper;
 - (42) 1 lot lighting equipment;
 - (43) 1 lot misc. items.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. • 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—W. E. Hall, Title & Trust Bldg., Phoenix, at \$74,810.75, was awarded the contract by the Phoenix city commission, for the improvement of portions of Bellevue, Eastmoreland, Portland, Diamond, Mathers, Roosevelt, 13th, 14th, and 15th Sts., Res. of Inten. 6687 (Job P-365), in accordance with plans and specifications prepared by James Girand, city engineer.

The other bids were: Arizona Sand & Rock Co., \$76,036.57.

Daley Corp., \$76,541.50.

Oswald Bros., \$76,900.50.

BIDS OPENED

STATE OF OREGON.—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction as follows:

Clackamas County: Molalla Section of the Woodburn-Mt. Hood Secondary Highway, 0.94 mile of paving, requiring approx. 1,300 c.y. excavation and 5,400 sq. yds. Portland cement concrete pavement. Awarded Mountain States Construction Co., Eugene, \$12,286. Other bidders: Oregon Contracting Co., Portland, \$12,

427; Riverbend Sand and Gravel Co., Salem, \$12,436; United Contracting Co., Portland, \$13,699.

Deschutes County: Roadside oasis at Brothers on Central Oregon Highway; Federal Aid Project No. 147-H (2). Requires planting of 500 trees and shrubs, construction of 98 rods of woven wire fencing, installing of a pipe line irrigation system, and construction of 210 cubic yards of gravel surfacing.

Low bidder: Saxton, Looney and Risley, Oak Grove, \$7009. Other bidders: Contracting and Sales Inc., Portland, \$8254. Bids rejected.

Deschutes & Harney Counties: Sunex Junction and Brothers buildings on Central Oregon Highway. Requires construction of four frame buildings 26x34-ft.; two maintenance buildings 32x76-ft.; 1,920 l.f. woven wire fence and 2,200 c.y. gravel surfacing. Requires also drilling of one well and installation of two pressure water systems and two electric lighting systems.

Awarded Henry C. Nelson, Bend, \$36,394. Other bidders: Allen V. Moore, Portland, \$29,249; C. E. Silbaueh, Pendleton, \$43,045.

Deschutes and Lake Counties: Brothers-Harney County Line Section of Central Oregon Highway; Federal Aid District No. 147-H (2), 184- (2) and 148-C (2)/ 28.1 miles grading and 40.9 miles surfacing and oiling. Requires approx. 300,000 c.y. excavation; 125,000 c.y. pit run gravel, and 480,000 sq. yds. asphalt prime coat.

Awarded E. C. Hall, Eugene, \$174,821. Other bidders: E. C. Gerber, Oregon City, \$177,143; J. A. Terteling, Boise, \$180,141; Fisher Bros., Oregon City, \$181,027; R. L. Houck, Salem, \$182,825; Leonard and Slate, Multnomah, \$185,918; White's Trucking Co., Walla Walla, Wash., \$191,268; Clifford A. Dunn, Klamath Falls, \$191,899; Homer G. Johnson, Portland, \$199,516; McNutt Bros., Eugene, \$192,402; Harold Blake, Portland, \$196,482; M. L. O'Neill and Son, Eugene, \$198,289; Babler Bros, Portland, \$198,995; Joplin and Eldon, Portland, \$232,976; Parker-Schram Co., Portland, \$253,355.

Klamath County: Crooked Creek-Lobert Section of The Dalles-Callaifornia Highway; Federal Aid Proj. No. 83-A (5): 8.73 miles grading, 9.35 miles roadbed topping and 1.78 ml. surfacing and oiling. Requires approximately 390,000 c.y. excavation; 38,000 c.v. gravel and talus rock roadbed topping; 15,500 c.y. crushed rock, and 23,000 sq. yds. oil mat surfacing treatment.

Low bidder: Roy L. Houck, Salem, \$120,203. Referred to engineer. Other bidders: Mountain States Construction Co., Eugene, \$127,252; Harold Blake, Portland, \$128,698; M. L. O'Neill, Eugene, \$133,699; Fisher Bros., Oregon City, \$136,682; Clifford A. Dunn, Klamath Falls, \$142,588; Joplin and Eldon, Portland, \$139,395; J. A. Terteling, Boise, \$139,459; Homer G. Johnson, Portland, \$147,300; Parker-Schram, Portland, \$161,754; McNutt Bros., Eugene, \$162,445; Colonial Construction Co., Eugene, \$189,049; A. C. Greenwood, Portland, \$147,397; E. L. Gates, Crater Lake, \$151,036.

Linn County: Albany Section of Pacific Highway East; Federal Aid Grade Crossing Project No. FAGM 56-D (1). Construction of 1,300 l.f. of canal, and 3,015 l.f. of railroad roadbed. Requires approximately 2,700 c.y. excavation; 50 c.y. cement rubble masonry; 120 sq. yds. concrete sidewalks; 720 c.y. rock or gravel surfacing materials; 7 M-FB M untreated lumber; and 22 M-FBM

treated lumber.

Awarded Mountain States Construction Co., Eugene, \$6422. Other bidders: C. J. Montag, Portland, 6789; Leonard and Slate, Multnomah, \$6969; United Contracting Co., Portland \$8959.

Linn County: Brownsville Section of Halsey-Sweet Home Secondary Highway: 1.14 miles of grading, surfacing and oiling; also furnishing of 600 c.y. crushed rock or crushed gravel in stock pile. Requires approximately 21,000 c.y. excavation; 750 lf. concrete curb; 200 sq. yds. concrete sidewalks; 9,200 sq. rock or gravel materials; and 17,000 sq. yds. oil mat surface treatment.

Awarded Mountain States Construction Co., Eugene, \$21,970. Other bidders: D. L. Ashton, Lebanon, \$23,345; Saxton, Looney and Risley, Oak Grove, \$26,045; O. C. Yocum, Willamina, \$23,838; E. C. Gerber, Oregon City, \$26,992; H. L. Rice, Portland, \$27,089; Harold Blake, Portland, \$28,933.

Umatilla County: Milton Nursery Bridge over Walla Walla River on County Road No. 360. Requires approximately 650 c.y. excavation; 310 c.y. concrete; 37,000 lbs. metal reinforcement; 126,000 lbs. structural steel; 460 lf. concrete handrail and removal of old bridge. The bids for this project will be received for and in behalf of, and will be considered by the County Court of Umatilla County.

Low bidder: C. J. Montag, Couch Bldg., Portland, \$19,330. Referred to engineer. Other bidders: Snook Bros., Eugene, \$20,916; Mountain States Construction Co., Eugene, \$20,940; George F. Price, Dayton, Wash., \$21,130; Averill and Corbin, Portland, \$21,662; C. E. Silbaugh, Pendleton, \$21,680; Leonard and Slate, Multnomah, \$22,135; Barnham Bros., Salem, \$24,255; Portland Bridge Co., Portland, \$24,690; Colonial Construction Co., Spokane, \$25,290. 29

CONTRACTS AWARDED

STATE OF WASHINGTON.—The State of Washington Director of Highways, L. V. Murrow, Olympia, Washington, awarded the following contract for highway construction: Wahia, um County: Clearing, draining, grading, surfacing and constructing a steel swing bridge with reinforced concrete approaches on about 0.9 miles Primary State Highway No. 12, Skamokawa West, Sec. 2, U. S. Public Works Project No. Wash. 1396-F, Wahkiakum County, Wash.: Awarded: MacRae Bros., 614 5th Ave., Seattle, \$136,732.50.

King County: Clearing, grading, draining and paving with Type 1-1 asphaltic concrete on about 5.8 mi. of Secondary State Highway No. 5-M, Section 1, Black River Junction to Orillia; and Sec. 2, Kent Vicinity to PSH No. 5, near Auburn, U. S. Public Works Project, No. Wash. 1304-F, King Co.: Awarded: Warren Northwest Inc., P. O. Box 5072, Portland, \$96,737.80. 29

BIDS WANTED

COCONINO CO., Ariz.—Until Oct. 25, 10-00 A. M. bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for about 3.577 miles grading and placing surfacing (base) on Section B of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino Co., Ariz.

Work involves:
 (1) 25 acres clearing;
 (2) 25 acres grubbing;
 (3) 101,000 c.y. unclass. excav.;
 (Continued on page 27)

NILES SCHOOL

SCHOOL, NILES, Alameda Co., Calif. Second and School Streets. Cost, \$..... One-story school building to contain ten classrooms, toilet rooms library, administration office, and auditorium to seat about 400. Owner—Niles School District. Architect—John J. Donovan, 950 Parker Street, Berkeley.

Low Bidder—Peter Sartorio, 369 Pine St., San Francisco, \$172,430.

General bids were received with the following alternate proposals, all deductions:
 (1) Use machine-made roof tile in lieu of sand-made roof tile;
 (2) Use composition blackboard in lieu of slate or glass;
 (3) Omit steam lines;
 (4) Omit classroom 131;
 (5) Omit all work south of library 172;
 (6) Omit classroom 112;
 (7) Credit for salvage.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(N)	(I)	(J)	(K)
(1).....	\$1,100	\$1,000	\$ 850	\$1,000	\$1,640	\$1,626	\$ 900	\$1,600	\$1,000	\$1,078	\$1,000
(2).....	680	850	630	687	700	786	700	656	850	686	650
(3).....	1,050	1,050	1,025	1,017	1,042	1,050	1,100	1,006	1,000	1,017	980
(4).....	4,200	3,400	3,500	3,590	3,043	4,110	3,600	3,767	3,866	3,943	3,700
(5).....	8,200	9,500	10,000	11,758	10,336	11,000	10,100	11,462	11,325	11,952	10,500
(6).....	6,990	5,200	7,500	6,209	4,954	6,300	7,600	7,067	6,000	6,848	6,300
(7).....	100	10	.....	.....	150	500	.....	200	10	100	200

Complete total bids follow:
 (A) Peter Sartorio, San Francisco, \$172,430.
 (B) W. G. Thornally, Oakland, \$173,884.
 (C) Frank J. Reilly, San Francisco, \$174,431.
 (D) Jas. L. McLaughlin Co., S. F., \$175,821.
 (E) K. E. Parker Co., San Francisco \$176,396.
 (F) Nielson & Erbenbraut, San Jose \$177,475.
 (G) C. L. Wold Const. Co., S. F., \$178,000.
 (H) Carl N. Swenson Co., San Jose \$178,348.
 (I) George Petersen, San Leandro, \$179,000.
 (J) Miller Const. Co., San Francisco \$180,875.
 (K) Central California Const. Co., San Francisco, \$185,100.

Complete alternate proposals follow:

SACRAMENTO CO.—BRIDGE CONSTR.—(COUNTY)

SACRAMENTO COUNTY, Calif.—Lord & Bishop, Native Sons Building, Sacramento, at \$69,670.90 (Alternate "B"), submitted low bid to the Sacramento County Board of Supervisors, Thos. F. Patterson, County Clerk, Room 201, Court House Bldg., Sacramento, for construction of a steel swing bridge and trestle approaches over Sutter Slough and grading and surfacing road leading to bridge, Sacramento County.

Work involves:
 ALTERNATE "A"

- (1) 3,000 c.y. channel excavation;
- (2) 85,925 lbs. steel in cylinder piers, in place;
- (3) 2,080 lf. furnishing and driving untreated Douglas Fir foundation piles;
- (4) 290 c.y. Class A concrete in cylinder piers;
- (5) 305,000 lbs. structural steel in place;
- (6) 21,100 lbs. cast steel and machinery in place;
- (7) 91 c.y. lightweight deck concrete in place;
- (8) 2,600 lf. furnishing and driving treated Douglas Fir trestle approach piles;
- (9) 5,940 MFBM treated Douglas fir caps and crossbracings, in place;
- (10) 34,878 MFBM treated Douglas fir stringers, scabs and bridging;
- (11) 6,990 MFBM Redwood sub-floor in place;
- (12) 152 c.y. Class A concrete in trestle deck;
- (13) 35,634 lbs. reinforcing steel, in place;
- (14) 8,934 MFBM Redwood railing material, in place;
- (15) 1640 lf. untreated Douglas Fir dolphin piling furnishing and driving;
- (16) 2500 c.y. roadway fill, in place;
- (17) 1,000 tons crusher run base, in place;
- (18) 34.1 tons liquid asphalt, SC-1A, in place;
- (19) 175 tons coarse screenings, in place;
- (20) 157 tons fine screenings, in place;
- (21) 26 tons liquid asphalt 95 plus, in place;
- (22) 200 c.y. structure excavation.

- (2) 85,925 lbs. steel in cylinder piers, in place;
 - (3) 2080 lf. furnishing and driving untreated Douglas fir foundation piles;
 - (4) 290 c.y. Class A concrete in cylinder piers;
 - (5) 240,000 lbs. structural steel, in place;
 - (6) 21,100 lbs. cast steel and machinery, in place;
 - (7) No item seven in Alt. B;
 - (8) 2,600 lf. furnishing and driving treated Douglas fir approach piles;
 - (9) No item 9 in Alt. B;
 - (10) No item 10 in Alt. B;
 - (11) No item 11 in Alt. B;
 - (12) No item 12 in Alt. B;
 - (13) No item 13 in Alt. B;
 - (14) 8,934 MFBM Redwood railing, in place;
 - (15) 1,640 lf. untreated Douglas Fir dolphin piling furnishing and driving;
 - (16) 2500 c.y. roadway fill, in place;
 - (17) 1,000 tons crusher run base, in place;
 - (18) 14.1 tons liquid asphalt, SC-1A, in place;
 - (19) 206 tons coarse screenings in place;
 - (20) 185 tons fine screenings, in place;
 - (21) 31 tons liquid asphalt 95 plus, in place;
 - (22) 200 c.y. structure excavation;
 - (23) 5,940 MFBM treated Douglas fir caps and crossbracings, in place;
 - (24) 60,000 MFBM Douglas fir stringers, sabs and bridging, in place;
 - (25) 50.0 MFBM Douglas fir plank-ing in place.
- Total bids follow:
 (A) Lord and Bishop, Sacramento: (Alt. A) \$78,004.92; (Alt. B) \$69,670.90.
 (B) Holdener Const. Co., Sacramento (A) \$78,973.92; (B) \$70,629.40.
 (C) Bundesen & Lauritzen, Pittsburg (A) \$80,092.67; (B) \$71,672.49.
 (D) Healey-Tibbitts Const. Co., San Francisco: (A) \$81,963.84; (B) \$72,338.58.
 (E) M. B. McGowan, Inc., San Francisco: (A) \$82,014.51; (B) \$75,237.25.
 (F) George Pollock Co., Sacramento: (A) \$87,698.35; (B) \$78,133.05.
- Unit prices follow:

ALTERNATE "A"

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 1.50	\$.44	\$.50	\$.25	\$.95	\$.80
(2)	.12	.14	1.53	.10	.10	.13
(3)	.75	.80	.85	.75	.60	1.00
(4)	16.00	13.00	13.40	20.00	13.00	16.00
(5)	.09	.105	.093	.105	.10	.105
(6)	.30	.26	.27	.35	.30	.40
(7)	35.00	22.00	24.50	23.00	30.00	35.00
(8)	1.00	1.20	1.89	1.20	1.75	1.50
(9)	100.00	115.00	126.00	130.00	120.00	110.00
(10)	90.00	105.00	98.30	120.00	104.00	100.00
(11)	90.00	90.00	130.00	100.00	130.00	90.00
(12)	16.00	10.00	13.40	20.00	15.00	17.00
(13)	.05	.0475	.052	.05	.05	.05
(14)	150.00	135.00	195.00	120.00	150.00	150.00
(15)	.80	.85	1.05	1.00	1.00	1.00
(16)	.40	.55	.55	.40	.86	.70
(17)	2.50	2.25	2.81	4.50	3.70	3.50
(18)	30.00	17.60	15.86	20.00	24.00	20.00
(19)	4.00	3.60	3.19	3.00	4.00	4.50
(20)	4.00	3.65	3.72	3.00	4.00	4.50
(21)	25.00	19.00	15.64	20.00	24.50	16.00
(22)	1.50	6.00	1.00	7.50	5.00	1.50

ALTERNATE "B"

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 1.50	\$.34	\$.50	\$.25	\$.95	\$.80
(2)	.12	.14	1.53	.10	.10	.13
(3)	.75	.80	.85	.75	.60	1.00
(4)	16.00	13.00	13.40	20.00	13.00	20.00
(5)	.10	.0075	.095	.105	.11	.11
(6)	.30	.26	.27	.35	.30	.40
(7)	35.00	22.00	24.50	23.00	30.00	35.00
(8)	1.00	1.20	1.89	1.20	1.75	1.50
(9)	100.00	115.00	126.00	130.00	120.00	110.00
(10)	90.00	105.00	98.30	120.00	104.00	100.00
(11)	90.00	90.00	130.00	100.00	130.00	90.00
(12)	16.00	10.00	13.40	20.00	15.00	17.00
(13)	.05	.0475	.052	.05	.05	.05
(14)	150.00	135.00	195.00	120.00	150.00	150.00
(15)	.80	.85	1.05	1.00	1.00	1.00
(16)	.40	.55	.55	.40	.86	.70
(17)	2.50	2.25	2.85	4.50	3.70	3.50
(18)	30.00	17.60	15.86	20.00	24.00	20.00
(19)	4.00	3.60	3.19	3.00	4.00	4.50
(20)	4.00	3.65	3.72	3.00	4.00	4.50
(21)	25.00	19.00	15.64	20.00	24.50	16.00
(22)	1.50	6.00	1.00	7.50	5.00	1.50
(23)	70.00	86.00	83.00	100.00	87.50	80.00
(24)	60.00	75.00	70.00	90.00	81.00	65.00
(25)	50.00	55.00	66.50	70.00	72.00	50.00

- (4) 1190 c.y. unclass. excav. for struc.
- (5) 2400 c.y. unclass. excav. for borrow;
- (6) 357,000 sta. yd. overhaul;
- (7) 5200 lf. furrow ditches;
- (8) 700 M. gals. watering.
- (9) Lump sum, water plant or plants for project;
- (10) 13,000 tons 2-inch heavy crushed rock or gravel base course;
- (11) 6500 tons crusher run top course;
- (12) 200 tons applying government furnished asphalt material (Type SC-2) for bituminous treatment;
- (13) Force account, sanding;
- (14) 71 c.y. class A concrete;
- (15) 1470 lbs. reinforcing steel;
- (16) 130 c.y. cement rubble masonry;
- (17) 250 c.y. loose rock retaining wall;
- (18) Alternate 55 c.y. cement rubble masonry or 22 lf. 72-in. C.G.S.M. pipe;
- (19) 362 lf. corr. galv. sheet metal pipe;
- (20) 2 each 42-in. corr. galv. sheet metal pipe elbows;
- (21) 1300 lf. remove, clean and remove, clean, relay existing CM pipe;
- (22) Force account, apply asphalt to CM pipe to be relaid;
- (23) 30 each right of way monuments;
- (24) 7200 lf. barbed wire fence;
- (25) 3100 lf. special fence;
- (26) 9 each type 1 gates;
- (27) 1 each type 2 gates;
- (28) 36 each culvert markers;
- (29) Force account, obliterate and clean up existing road;
- (30) 1860 c.y. wire basket riprap;
- (31) 64,000 lbs. wire mesh for basket riprap.

from the Federal Office Building, Civic Center, San Francisco. * 29

BIDS WANTED

SANTA CLARA CO., Calif.—Until October 26, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.6 miles grading and surfacing with gravel base and armor coat and constructing two reinforced concrete girder bridges, between one mile east of Bellis Station and 3 miles west of the Merced County Line, Santa Clara Co., Calif.

Wor k involves:

- (1) 139 sta. clear and grubbing;
- (2) 5,500 M. Gals. water;
- (3) 500,000 c.y. roadway excavation without class.;
- (4) 1,000,000 sta. yds. overhaul;
- (5) 6,300 c.y. struct. excav.;
- (6) 2,200 c.y. ditch and channel excavation;
- (7) 139 sta. finish roadway;
- (8) 16,000 c.y. gravel base;
- (9) 115 tons liq. asph. 90-95 armor coat;
- (10) 90 tons liq. asph. SC-1A prime coat and penetration oil treatment;
- (11) 30 tons liq. asph. SC-2 penetration oil treat.;
- (12) 1,275 c.y. screenings armor coat;
- (13) 120 c.y. sand penetration oil treatment;
- (14) 409,000 lbs. bar reinf. steel;
- (15) 2,685 c.y. class A Port. cem. conc. structs.;
- (16) 130 c.y. class A Port. cem conc. footing blocks;
- (17) 26 c.y. class A Port. cem conc. railing;
- (18) 385 c.y. rubble masonry;
- (19) 2,220 lbs. misc. iron and steel;
- (20) 166 lbs. bronze expansion plates;

- (21) 300 lf. 8-in. CMP;
- (22) 1,100 lf. 18-in. CMP;
- (23) 300 lf. 24-in. CMP, 12 gauge;
- (24) 320 lf. 24-in. CMP, 10 gauge;
- (25) 720 lf. 30 in. CMP 10 gauge;
- (26) 550 lf. 8-in. perf. metal pipe;
- (27) 20 c.y. rock filling material;
- (28) 30 lf. remove clean and relay CMP;
- (29) 162 lf. remove clean and salvage CMP;
- (30) 9 each spillway assemblies;
- (31) 5.2 miles new property fence;
- (32) 10 each drive gates;
- (33) 140 each guide posts;
- (34) 46 each culvert markers;
- (35) 63 each monuments;
- (36) 1 lot misc. bridge items.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

LOS ANGELES, Cal.—C. O. Sparks, 1601 S. Soto Street, at \$23,712.50, awarded contract by the Los Angeles County Supervisors for the Improvement of Slauson Avenue between Central Ave. and Compton Avenue. * 29

30—RESERVOIRS & DAMS

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-77, for furnishing and delivering 4125 cu. yds. (solid) of riprap stone dumped on the shore and/or on government barge along the Sacramento River, as follows:

- (a) 2500 c.y., easterly bank of Sacramento River in vicinity of Kramer's;
 - (b) 1,500 c.y., westerly bank of Sacramento River in vicinity of Inglin's;
 - (c) 125 c.y. easterly bank of Sacramento River in vicinity of Beckley's.
- Bids were:
 Ruhlka Bros., Rocklin, \$4.12, total \$16,995, 2% 10 days.
 Basal' Rock Co., Inc., Napa, (a) \$4.70, (b) \$4.40, (c) \$5.48, total \$19,035.
 Brighton Sand and Gravel Co., (a) \$6.24, (b) \$5.79, (c) \$6.68, total \$25,120, 2% 30 days.
 Lord and Bishop, Sacramento, \$6.40, total \$26,626.25.
 Johnson Rock Co., Stockton, \$6.90, total \$28,462.50, 10% per c. yd., 30 days. * 30

CONTRACT APPROVED

LOS ANGELES, Calif.—Contract for the Prado Dam at \$3,639,795, has been approved by Col. Warren T. Hannum, Division Engineer, U. S. Army Engineers, San Francisco, and has been mailed to the successful bidder, a combination of Guthrie-Marsch-Meterson Co., J. P. Shirley, W. E. Callahan Construction Co. and Geo. W. Condon Co. The Los Angeles office of the W. E. Callahan Co. and J. P. Shirley is 205 S. Spring St. * 30

BIDS WANTED

ST. HELENA, Napa Co., Calif.—Until October 11, 8:00 P. M., bids will be received by the City Council of the Town of St. Helena, E. R. Palmer, City Clerk, City Hall, for the construction of raising Lower Dam 16-2 of the Municipal Water Works of the Town of St. Helena.

Plans and specifications may be obtained from the above office upon the deposit of \$200, refundable. (Continued on page 27)

Plans and specifications may be obtained from the above office and

- (15) lump sum, furnishing 3/4-inch fittings for services at \$86;
- (16) lump sum, engineering and supervision at \$108;
- (17) lump sum, connections at \$153-50.

Plans and specifications may be obtained at 425 Mason Street, San Francisco, upon the deposit of \$10.00. * 31

LOW BIDDERS

LOS ANGELES, Calif.—American Concrete & Steel Pipe Co., 4625 Ervstone Blvd., South Gate, at \$532,708.66 (Schedule 24-P) and United Concrete Pipe Corp., Box 1, Sra. H. Los Angeles, at \$498,640.27 (Schedule 25-P) submitted low bids to the Metropolitan Water District, 306 W. Third St., Los Angeles, for the construction of (Sch. P) precast concrete or (Sch. SC) welded steel-plate pipe lines and appurtenant works for the Palos Verdes feeder of the Colorado River Aqueduct distribution system: Spec. No. 283.

Low bids follow:
 American Concrete & Steel Pipe Co., South Gate, Sch. 24-P, \$532,708.66; Sch. 25-P, \$518,877.11. No stipulation.

United Concrete Pipe Corp., Los Angeles, Sch. 25-P, \$498,640.27; Sch. 24-P, \$571,177.36; Sch. 24-SC, \$607,373; Sch. 25-SC, \$571,521.50. Stipulation: would accept either schedule, but only both SC schedules. Emco Derrick & Equipment Co.,

Los Angeles, Sch. 24-SC, \$549,628; 25-SC, \$542,107.38.

Complete bids will be published shortly * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until October 17, 8 P. M., bids will be received by the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, for the improvement of El Camino Real from the existing manhole at the western termination of Street Street, southeasterly to its intersection with Poplar Ave.; and Ponlar Avenue from its intersection with El Camino Real, northeasterly to the existing manhole at its intersection with San Mateo Drive, as follows:

- (1) Constructing a 12-inch vitrified clay pipe sanitary sewer;
- (2) Constructing 7 brick manholes with east iron frames and covers and wrought iron steps.

Plans and specifications may be obtained from the above office. * 32

LOW BIDDERS

TACOMA, Wash.—L. Coluccio, 1638 Lane, Seattle, at \$218,947 submitted low bid to the Board of Contracts & Awards, City Hall, Tacoma, for the

construction of 48- and 60-inch concrete pipe sewers with catchbasins, steel lining in steel arch culverts, etc. PWA Docket 1373-F. Funds available \$223,596.00.

American Concrete and Steel Pipe Co., Tacoma, at \$222, 713 submitted second low bid. * 32

CONTRACT AWARDED

SANTA PAULA, Ventura Co., Cal.—J. C. Hickey, 320 S. Palm Avenue, Alhambra, at \$36,841 awarded contract by the Santa Paula City Council, for the construction of Unit A, Municipal Sewer System. * 32

CONTRACT AWARDED

SAN LEANDRO, Alameda Co., Cal.—A. D. Downer, 6121 Buena Ventura Ave., Oakland, at \$19,987 awarded contract by the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 East 14th St., San Leandro, for construction of Project Unit 1, intercepting sewers and appurtenances. PWA project 1884-F. * 32

CONTRACT AWARDED

SACRAMENTO, Calif.—Union Paving Company, 12 Babcock Bldg., San Francisco, at \$83,496 awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of the "O" Street sewer in the city of Sacramento; PWA project. * 32

(Continued from page 29)

LOS ANGELES COUNTY—BRIDGE CONSTRUCTION—(STATE)

LOS ANGELES COUNTY, Cal.—J. E. Haddock, Ltd., 257 N. Chester Avenue, Pasadena, at \$67,337.30 submitted the low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a bridge consisting of fifteen 30-ft. and two 23-ft. reinforced concrete slab spans on concrete piers and abutments with concrete pile foundations across Castaic Creek near Castaic Junction and about 0.7 miles grading and surfacing with plant-mixed surfacing and road mix surface treatment applied to shoulders and detour, Los Angeles County, Calif.

Work involves:

- (1) 100 cu. yds. remove concrete;
- (2) 1 lot remove existing bridge;
- (3) 35 sta. clear and grub;
- (4) 300 M gals water;
- (5) 4,800 cu. yds. rdwy. excava. without class;
- (6) 600 cu. yds. structural excava.;
- (7) 15,000 cu. yds. imported borrow;

- (8) 35 sta. finish rdwy.;
- (9) 11 tons liq. asph. SC-2 prime coat;
- (10) 1,750 tons min. agg. plant mix surfacing;
- (11) 91 tons liq. asph. ROMC-4 or -5 plant mix surfacing;
- (12) 2,600 sq. yds. asph. paint binder;
- (13) 12,000 sq. yds. prepar. mix and shape shoulders and detour;
- (14) 145 tons liquid asph. SC-2 shoulders and detour;
- (15) 180,000 lbs. bar reinf. steel;
- (16) 1,220 cu. yds. class A Portland cement concrete structs.;
- (17) 5,500 lbs. misc iron and steel;
- (18) 1,056 lin. ft. timber railing;
- (19) 2,040 lin. ft. furnish conc. piles cast in place;
- (20) 108 each drive steel shells;
- (21) 550 cu. yds. sacked conc. riprap;
- (22) 500 lin. ft. bank protection fence;
- (23) 20 lin. ft. 8-in. C M P;
- (24) 1 each spillway assembly;
- (25) 80 lin. ft. remove and salvage C M P;
- (26) 1 lot misc. items of work.

Total bids follow:

- (A) J. E. Haddock, Ltd., Pasadena, \$67,337.30.
- (B) W. E. Robertson, Los Angeles, \$69,750.00.
- (C) White & Wilberg, \$70,893.90.
- (D) Griffith Co., Los Angeles, \$72,749.55.
- (E) Dimmitt & Taylor, Los Angeles, \$73,274.70.
- (F) Hensler & Garnett, Glendale, \$73-546.50.
- (G) R. R. Bishop, Long Beach, \$75,745.00.
- (H) Contracting Engineers Co., Los Angeles, \$75,875.00.
- (I) Nick Perscalo, Los Angeles, \$76-678.75.
- (J) United Concrete Pipe Corp., Los Angeles, \$76,692.20.
- (K) Byerts & Dunn, Los Angeles, \$78,347.00.
- (L) J. S. Metzger Sons and Los Angeles Paving Co., L. A., \$78,799.35
- (M) C. O. Sparks and Mudd Engr. Co., Los Angeles, \$85,660.00.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
(1).....	\$ 1.50	\$ 2.00	\$ 1.50	\$ 2.00	\$ 2.00	\$ 4.00	\$ 2.30	\$ 2.50	\$ 5.00	\$ 2.00	\$ 2.00	\$ 1.00	\$ 6.00
(2).....	550.00	1524.00	1190.00	1100.00	1500.00	1600.00	1800.00	800.00	2000.00	1500.00	3500.00	3000.00	4000.00
(3).....	10.00	20.00	14.00	5.00	10.00	6.00	5.00	3.00	25.00	5.00	5.00	9.50	10.00
(4).....	2.00	1.50	1.10	1.25	1.50	2.00	2.00	3.50	2.00	1.50	1.00	1.50	1.50
(5).....	.25	.50	.22	.26	.20	.30	.40	.55	.20	.20	.25	.34	.50
(6).....	.90	.60	2.00	1.80	1.00	1.50	1.50	.55	1.00	1.50	1.50	1.50	2.00
(7).....	.37	.50	.36	.40	.45	.40	.60	.50	.35	.42	.50	.52	.70
(8).....	5.00	10.00	7.00	6.00	10.00	15.00	15.00	7.00	6.00	8.00	6.00	6.00	5.00
(9).....	8.00	8.00	15.00	7.70	6.00	15.00	16.00	11.00	16.50	10.00	7.00	8.40	15.00
(10).....	3.10	2.50	2.52	3.10	2.60	3.00	2.40	2.80	3.00	2.60	2.75	2.67	3.30
(11).....	8.30	8.00	8.20	8.35	7.50	8.00	8.00	7.00	9.00	14.00	10.00	9.90	8.00
(12).....	.03	.03	.025	.02	.03	.03	.04	.03	.04	.03	.03	.04	.05
(13).....	.07	.06	.07	.06	.06	.10	.12	.09	.10	.08	.07	.075	.08
(14).....	6.10	8.00	11.00	6.20	6.00	8.50	8.00	6.00	10.25	8.00	6.00	6.50	8.00
(15).....	.045	.0421	.0465	.043	.045	.05	.042	.05	.05	.05	.05	.05	.65
(16).....	19.00	20.00	20.75	22.70	23.40	21.00	18.00	20.00	19.60	23.00	20.00	22.00	22.00
(17).....	.095	.12	.125	.12	.11	.12	.11	.15	.12	.12	.15	.15	.20
(18).....	1.00	1.50	1.30	1.00	1.20	1.00	1.25	2.00	1.25	1.70	2.00	1.50	1.50
(19).....	1.40	1.25	2.10	1.60	1.30	1.80	1.50	1.50	2.50	1.50	2.00	1.50	1.50
(20).....	43.50	40.00	39.80	45.00	45.00	55.00	45.00	45.00	42.00	50.00	30.00	30.00	50.00
(21).....	10.00	8.00	7.40	10.00	9.00	8.00	13.00	12.00	10.00	9.00	10.00	12.00	8.00
(22).....	6.00	5.00	6.84	5.80	6.00	4.50	8.50	6.00	10.00	8.00	5.00	8.00	8.00
(23).....	1.00	1.50	1.00	.85	1.30	1.25	1.50	2.00	1.00	1.00	1.00	2.00	2.00
(24).....	15.00	25.00	20.00	20.00	20.00	15.00	15.00	30.00	15.00	20.00	15.00	30.00	15.00
(25).....	.75	2.00	1.30	.75	1.50	1.00	1.00	.60	2.00	1.00	2.00	1.00	1.60
(26).....	1000.00	800.00	1050.00	650.00	1000.00	500.00	2000.00	950.00	1500.00	750.00	4923.00	400.00	1500.00

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until Oct. 13, 7:30 P. M., bids will be received by the Santa Paula City Council, M. G. Demarest, City Clerk, City Hall, Santa Paula, for construction of a Municipal sewage pump and treatment works. PWA project Unit No. 2.

Work involves: Structures, pipe work and equipment for separate sludge digestion plant with rapid biologic filtration. Major equipment comprises sewage, sludge and recirculation pumps; clarifier sludge mechanisms and biofilter rotary distributors; sludge gas and heating equipment and chlorinator equipment; sludge drying beds, plant roadway, landscape and fencing.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00 refundable. S. G. Bennett, Santa Paula, City Engineer and Harry N. Jenks, 345 Madrono Ave., Palo Alto, Asso. Consulting Engineer. * 32

BIDS WANTED

LAKEFORT, Lake Co., Calif.—Until October 14, 7:30 P. M., bids will be received by the Lakeport City Council, D. W. Dillard, City Clerk, City Hall, Lakeport, for construction of Project Unit No. 1 and Project Unit No. 2 of a Municipal Sewage Disposal Project at Lakeport. PWA projects.

Work involves:
UNIT NO. 1—Vitrified clay pipe with manholes and bell and spigot cast iron pipe.

UNIT NO. 2—Sewage pump and treatment works, sludge digestion type with rapid biologic filtration. Major equipment includes: sewage pump, sludge and recirculation pumps; rectangular tanks, sludge collectors and biofilters, sludge gas and heating equipment and chlorinator equipment, plant roadway and fencing.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00 for both units. Bids on each unit shall be opened at the same time but considered separately.

Harry N. Jenks, 345 Madrono Ave., Palo Alto, Consulting Engineer.

BIDS OPENED

MT. SHASTA, Siskiyou Co., Calif.—Manuel Smith, 588 22nd St., Oakland, at \$29,985.00 submitted low bid and was recommended for award of contract (subject to PWA approval) by the Mount Shasta City Council, John Rule, City Clerk, City Hall, for construction of a municipal sewage disposal project.

Total bids follow:

Manuel Smith, Oakland.....	\$29,985
Underground Const. Co.....	47,870
Edward Green, Los Angeles.....	49,500
Oakland Sewer Const. Co., Oak-	
land	49,874
	32

35— TUNNELS

BIDS WANTED

PROVO RIVER PROJ., Utah.—Until October 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Provo, Utah, under Spec. No. 808, for the construction of the Olmsted and Albine-Draper tunnels for the Salt Lake Aqueduct, Aqueduct Division, Provo River Proj.

Plans and specifications may be obtained from the above office, no charge to prospective bidders; to others, \$1.00, not returnable. * 35

CENTRAL VALLEY PROJ.—Earthwork & Struct.—(Govt.)

CENTRAL VALLEY PROJECT, Calif.—Haas, Doughty & Jones and Marshall and Stacy, 1101 Merchants Exchange Building, San Francisco, at \$149,254 (Schedule 1) and \$165,972.50 (Schedule 2) submitted apparent low bid to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 801, for the construction of earthwork, canal lining and structures, Contra Costa Canal Station 635 plus 00 to station 1066 plus 00 and earthwork and structures, Los Medanos wasteway, Delta Division, Central Valley Proj., Calif. Work is located near Antioch, Calif.

Work involves:
SCHEDULE No. 1
Earthwork, canal lining, and structures, Contra Costa canal, station 635 plus 00 to station 750 plus 00 and earthwork and structures, Los Medanos wasteway.

- (1) 375,000 cubic yards excavation for canal and wasteway;
- (2) 68,000 sta. cubic yards overhaul;
- (3) 18,000 cubic yards compacting embank;
- (4) 6,600 cubic yards excavation for struct.;
- (5) 46,500 square yards trimming foundations for concrete lining;
- (6) 23,500 cubic yards backfill;
- (7) 4,800 cubic yards puddling or tamping backfill;
- (8) 2,700 cubic yards concrete in structures;
- (9) 3,840 cubic yards concrete in canal lining;
- (10) 565,000 lbs. placing reinforcing bars;
- (11) 525 sq. yards dry-rock paving;
- (12) 60 M ft. b. m. erecting timber in bridges;
- (13) 1,625 lin. feet constructing 4-in. diam. underdrains with uncemented joints;
- (14) 100 lin. ft. laying 4-inch diam. sewer pipe with cemented joint.
- (15) 80 lin. feet laying 15-inch diam. concrete pipe;
- (16) 100 lin. feet laying 18-inch diam. concrete pipe;
- (17) 260 lin. feet laying 24-inch diam. concrete pipe;
- (17a) 280 lin. feet 30-inch diameter concrete pipe;
- (18) 5,000 lbs. installing gates and gate hoists;
- (19) 3,800 lbs. installing miscellaneous metalwork;

SCHEDULE No. 2
Earthwork, canal lining, and structures, Contra Costa canal, station 780 plus 00 to station 1066 plus 00.
(20) 260,000 cubic yards excavation for canal;

- (21) 80,000 station cubic yards overhaul;
- (22) 44,000 cubic yards compacting embank.;
- (23) 6,200 cubic yards excavation for structures;
- (24) 83,200 square yards trimming

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$.08	\$.11	\$.11	\$.12	\$.15	\$.125	\$.11	\$.14	\$.13	\$.....
(2)	.....	.03	.01	.01	.005	.02	.01	.02	.02	.01
(3)	.....	.18	.13	.15	.075	.07	.31	.10	.12	.20
(4)	.....	.50	.90	.60	1.25	1.30	1.00	1.25	1.00	1.00
(5)	.....	.20	.23	.22	.17	.30	.22	.25	.25	.33
(6)	.....	.20	.32	.20	.17	.25	.40	.30	.20	.20
(7)	.....	.50	.44	.30	.40	.35	.50	.40	.40	.39
(8)	18.50	18.35	19.00	22.00	15.00	19.00	22.00	19.00	23.75	.....
(9)	7.50	5.70	6.50	6.50	7.00	6.30	7.50	9.00	7.15	.....
(10)	.0175	.0172	.0175	.017	.015	.02	.02	.015	.02	.....
(11)	3.00	4.00	2.50	2.50	3.00	3.00	3.00	4.00	3.00	.....
(12)	35.00	26.00	25.00	40.00	30.00	30.00	30.00	30.00	35.00	.....
(13)	.....	.50	.25	.75	.30	.20	.60	.50	.20	.30
(14)	.....	.75	.17	.50	.45	.50	.60	1.00	.40	.50
(15)	.....	1.00	.45	.90	.40	.50	1.00	.50	.60	.70
(16)	.....	1.50	.70	1.05	.50	.50	1.50	.75	.70	.50
(17)	.....	1.50	.83	1.15	.70	.50	2.00	1.00	1.00	1.90
(17a)	.....	.....	1.15	1.50	.....	.75	3.00	1.50	1.30	1.70
(18)	.....	.06	.05	.05	.08	.05	.05	.04	.07	.05
(19)	.....	.08	.05	.05	.08	.05	.10	.08	.10	.10

- foundations for concrete lining;
- (25) 12,000 cubic yards backfill;
 - (26) 4,300 cubic yards puddling or tamping backfill;
 - (27) 1,700 cubic yards concrete in structures;
 - (28) 7,710 cubic yards concrete in canal lining;
 - (29) 725,000 lbs. placing reinforcing bars;
 - (30) 450 sq. yards dry-rock paving;
 - (31) 94 M. feet b. m. erecting timber in bridges;
 - (32) 80 lin. feet laying 15-inch diam. concrete pipe;
 - (33) 440 lin. feet laying 18-inch diam. concrete pipe;
 - (34) 420 lin. feet laying 24-inch diam. concrete pipe;
 - (34a) 420 lin. feet 30-inch diameter concrete pipe;
 - (35) 5,200 lbs. installing gates and gate hoists;
 - (36) 4,800 lbs. installing miscellaneous metalwork.

This invitation for bids does not over the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor, and those furnished by the Government are described in the specifications which will be a part of the contract.

- Total bids follow:
- (A) Haas, Doughty & Jones and Marshall and Stacy, S. F., Sch. 1, \$149,254.00; Sch. 2, \$165,972.50. Stipulation: Both or none.
 - (B) Heafey-Moore Co. and Fredrickson and Watson Construction Co., Oakland, Sch. 1, \$156,855.05; Sch. 2, \$161,999.60. Stipulation: Both or none.
 - (C) J. A. Terteling & Sons, Boise, Idaho, Sch. 1, \$156,524.75; Sch. 2, \$164,638.50. Stipulation: All or none.
 - (D) Utah Construction Co., San Francisco, Sch. 1, \$167,868.; Sch. 2, \$168,255. Stipulation, both or none
 - (E) W. E. Callahan and J. P. Shirley, Los Angeles, Sch. 1, \$169,167.50; Sch. 2, \$174,449.50. Stipulation: all or none.
 - (F) United Concrete Pipe Corp., L. A., Sch. 1, \$174,447.; Sch. 2, \$182,257. Stipulation: Both or none.
 - (G) Granfield-Farrar and Carlin, S. F., Sch. 1, \$178,341.50; Sch. 2, \$181,822.
 - (H) R. G. Clifford, San Francisco, Sch. 1, \$180,937.; Sch. 2, \$191,051; Stipulation: All or none.
 - (I) A. Teichert & Son Inc., Sacramento, Sch. 1, \$189,762.50; Sch. 2, \$204,656. Stipulation: If awarded both schedules deduction from items 1 and 20 \$0.005, from items 5 and 24, \$0.06 and from items 8 and 27, \$1.75.
 - (J) M. J. B. Construction Co., Stockton, Sch. 2, \$173,185.

Unit prices follow:
SCHEDULE I

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	.....	.08	.11	.11	.12	.15	\$.125	\$.11	\$.14	\$.13
(2)	.....	.03	.01	.01	.005	.02	.01	.02	.02	.01
(3)	.....	.18	.13	.15	.075	.07	.31	.10	.12	.20
(4)	.....	.50	.90	.60	1.25	1.30	1.00	1.25	1.00	1.00
(5)	.....	.20	.23	.22	.17	.30	.22	.25	.25	.33
(6)	.....	.20	.32	.20	.17	.25	.40	.30	.20	.20
(7)	.....	.50	.44	.30	.40	.35	.50	.40	.40	.39
(8)	18.50	18.35	19.00	22.00	15.00	19.00	22.00	19.00	23.75	.....
(9)	7.50	5.70	6.50	6.50	7.00	6.30	7.50	9.00	7.15	.....
(10)	.0175	.0172	.0175	.017	.015	.02	.02	.015	.02	.....
(11)	3.00	4.00	2.50	2.50	3.00	3.00	3.00	4.00	3.00	.....
(12)	35.00	26.00	25.00	40.00	30.00	30.00	30.00	30.00	35.00	.....
(13)	.....	.50	.25	.75	.30	.20	.60	.50	.20	.30
(14)	.....	.75	.17	.50	.45	.50	.60	1.00	.40	.50
(15)	.....	1.00	.45	.90	.40	.50	1.00	.50	.60	.70
(16)	.....	1.50	.70	1.05	.50	.50	1.50	.75	.70	.50
(17)	.....	1.50	.83	1.15	.70	.50	2.00	1.00	1.00	1.90
(17a)	.....	.....	1.15	1.50	.....	.75	3.00	1.50	1.30	1.70
(18)	.....	.06	.05	.05	.08	.05	.05	.04	.07	.05
(19)	.....	.08	.05	.05	.08	.05	.10	.08	.10	.10

SCHEDULE II

(20).....	.08	.11	.11	.12	.152	.125	.11	.12	.145	.14
(21).....	.03	.01	.01	.005	.02	.01	.02	.02	.01	.015
(22).....	.18	.13	.15	.075	.07	.31	10	.12	.20	.12
(23).....	.50	.90	.60	1.25	1.25	1.00	1.25	1.00	1.00	1.00
(24).....	.20	.23	.22	.17	.27	.25	.25	.25	.29	.22
(25).....	.20	.32	.20	.17	.20	.40	.30	.20	.20	.20
(26).....	.50	.44	.30	.40	.43	.50	.40	.40	.30	.50
(27).....	18.50	18.35	19.00	22.00	15.00	19.00	21.00	19.00	27.75	20.00
(28).....	7.50	5.70	6.50	6.50	6.65	6.30	7.00	9.00	6.70	6.00
(29).....	.0175	.0172	.0175	.017	.015	.02	.02	.015	.02	.018
(30).....	3.00	4.00	2.50	2.50	2.50	3.00	3.00	4.00	3.00	2.50
(31).....	35.00	26.00	25.00	40.00	30.00	30.00	30.00	30.00	35.00	35.00
(32).....	1.00	.45	.90	.40	.50	1.00	.50	.60	.70	.80
(33).....	1.50	.70	1.05	.50	.50	1.50	.75	.70	.80	.80
(34).....	1.50	.83	1.15	.70	.50	2.00	1.00	1.00	1.20	1.00
(34a).....	.05	1.15	1.50	1.25	1.25	3.00	1.50	1.30	1.70	1.00
(35).....	.05	.05	.05	.08	.05	.05	.04	.07	.05	.05
(36).....	.10	.05	.05	.08	.05	.10	.08	.10	.10	.10

L. A. CO.—PIPE LINE, PALOS VERDES FEEDER—(Dist.)

LOS ANGELES, Calif. — American Concrete & Steel Pipe Co., 4635 Firestone Blvd., South Gate, at \$52,708.66 (Schedule 24-P) and United Concrete Pipe Corp., Box 1, Sta. H, Los Angeles, at \$498,610.27 (Schedule 25-P) or a combined total of \$1,031,318.93 submitted low bids to the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for the construction of (Sch. P) precast concrete or (Sch. SC) welded steel-plate pipe lines and appurtenant works for Palos Verdes feeder of the Colorado River Aqueduct distribution system; Spec. No. 283. The work is located in the cities of Los Angeles and Torrance and in unincorporated territory of the County of Los Angeles, and comprises approx. 13.5 miles of pipe line construction. Proposals will be received for two alternative types of pipe line. The lengths, diameters, etc., are as follows:

SCH. 24—6.8 miles of 50-in. Lock-joint steel cylinder reinf. precast concrete pipe (P).

SCH. 25—6.7 miles of 50-in. Lock-joint steel cylinder reinf. precast concrete pipe (P).

ALTERNATIVES

SCH. 24—6.8 miles of 51-in. welded steel-plate pipe with guniting exterior coating and centrifugally applied (spun) mortar-lining (SC).

SCH. 25—6.7 miles of 51-in. do (SC). Award will be made on Schedules 24P and 25P, or on 24SC and 25SC.

Work involves:

SCHEDULE 24P

Precast concrete pipe for the Palos Verde feeder of the Colorado River Aqueduct distribution system between station 952 plus 60 and 1312 plus 25. Inside diameter of pipe 50 inches; length, 35,360 ft.

- (1) 100,000 c.y. trench excav.;
- (2) 1,200 c.y. excav. for struc.;
- (3) 71,000 c.y. backfill;
- (4) 1,000 tons rock refill;
- (5) 600 c.y. concrete in structures;
- (6) 300 c.y. concrete in anchors, manhole bases, and supports across trench;
- (7) 500 c.y. concrete in cradle;
- (8) 33,472 l.f. precast conc. pipe, dia. 50-in.;
- (8a) do, with standard lock-joint;
- (8b) 2,263 l.f. precast conc. pipe, 50-in. with welded lock-joints;
- (9) furnishing & placing steel cylinder reinf.;
- (9a) does not apply here;
- (9b) 1,528 l.f. 13-ga.;
- (9c) 22,498 l.f. 12-ga.;
- (9d) 9,295 l.f. 11-ga.;
- (9e) 672 l.f. 3/4-in. thick;
- (9f) 93 l.f. 1/2-in. thick;
- (10) 4,850,000 lbs. furnish and place reinf. steel in precast concrete pipe;
- (11) 113,000 lbs. place reinf. steel in structures;
- (12) furnish and install 51-in. spun mortar lined steel pipe;
- (12a to 12c) does not apply here;
- (12d) 44 l.f. 1/2-in. thick;
- (13) 44 l.f. incasement under rail-

- way track;
- (14) does not apply here;
- (15) 1,400 sq. ft. pipe coating, Type B
- (16) does not apply here;
- (17) 65,000 lbs. furnish and install steel thimbles and covers;
- (18) 52,000 lbs. furnish and install steel manifolds, reducing sections, and insulating joint assemblies;
- (19) 2 points furnish and install electrolysis test points, type 1;
- (20) 2 points do, type 2;
- (21) 2 points do, type 3;
- (22) 60,000 lbs. install shutoff, regulating and relief valves;
- (23) 50,000 lbs. install misc. metal;
- (24) 100 l.f. install 6-in. conc. pipe;
- (25) 100 l.f. install 8-in. conc. pipe;
- (26) 150 l.f. furnish and install 6-in. cast-iron pipe for sewer reconstruction;
- (27) 150 l.f. furnish and install 8-in. do;
- (28) 50 l.f. remodel house connection sewers;
- (29) 320 l.f. furnish & install fence.

SCHEDULE 25-SC

- Guniting coated welded steel pipe with spun mortar lining for Palos Verdes feeder of the Colorado River Aqueduct distribution system, between stations 952 plus 60 and 1312 plus 25. Inside diameter of steel pipe 5-in.; length 33,950 ft.
- (1) 95,000 c.y. trench excav.;
- (2) 1,200 c.y. excav. for struc.;
- (3) 72,000 c.y. backfill;
- (4) 1,000 tons rock refill;
- (5) 600 c.y. concrete in structures;
- (6) 300 c.y. concrete in anchors, manhole bases, and supports across trench;
- (7) 500 c.y. concrete in cradle;
- (8 to 10) do not apply here;
- (11) 113,000 lbs. place reinf. steel in structures;
- (12) furnish and install 51-in. spun mortar lined steel pipe;
- Plate thickness (inches)
- (12a) 26,222 l.f. 3/4-in.;
- (12b) 8,414 l.f. 13/32-in.;
- (12c) 1,204 l.f. 7/8-in.;
- (12d) 44 l.f. 1/2-in.;
- (13) 44 l.f. incasement under railway track;
- (14) 334,000 sq. ft. pipe coating, type A;
- (15) 143,000 sq. ft. do, type B;
- (16) 11,500 sq. ft. do, type C;
- (17) 62,000 lbs. furnish and install steel thimbles and covers;
- (18) 45,000 lbs. furnish and install steel manifolds, reducing sections and insulating joint assemblies;
- (19) 2 points furnish and install electrolysis test points, type 1;
- (20) 2 points do, type 2;
- (21) 2 points do, type 3;
- (22) 60,000 lbs. install shutoff, regulating and relief valves;
- (23) 50,000 lbs. install misc. metal;
- (24) 100 l.f. install 6-in. conc. pipe;
- (25) 100 l.f. install 8-in. conc. pipe;
- (26) 150 l.f. furnish and install 6-in. cast-iron pipe for sewer re-

- construction;
- (27) 150 l.f. furnish and install 8-in. do;
- (28) 50 l.f. remodel house connection sewers;
- (29) 320 l.f. furnish & install fence.

SCHEDULE 25-P

- Precast concrete pipe for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between stations 1312 plus 25 and 1668 plus 00. Inside dia. of pipe, 50-in.; length, 35,360 ft.
- (1) 113,000 c.y. trench excav.;
- (2) 400 c.y. excav. for struc.;
- (3) 84,000 c.y. backfill;
- (4) 1,000 tons rock refill;
- (5) 450 c.y. concrete in struc.;
- (6) 180 c.y. concrete in anchors, manhole bases and supports across trench;
- (7) 750 c.y. concrete in cradle;
- (8) Precast concrete pipe, dia. 50-in.
- (8a) 33,561 l.f. with std. lock-joints;
- (8b) 1,539 l.f. with welded lock-joints;
- (9) furnish and place steel cylinder reinf.;
- (9a) 4,230 l.f. 14-ga.;
- (9b) 1,662 l.f. 13-ga.;
- (9c) 15,919 l.f. 12-ga.;
- (9d) 11,043 l.f. 11-ga.;
- Plate thickness (inches)
- (9e) 592 l.f. 3/4-in.;
- (9f) 30 l.f. 1/2-in.;
- (10) 4,550,000 lbs. furnish and place reinf. steel in precast concrete;
- (11) 78,000 lbs. placing reinf. steel in struc.;
- (12) furnish and install 51-in. spun mortar lined steel pipe;
- Plate thickness (inches)
- (12a to 12c) do not apply here;
- (12d) 72 l.f. 1/2-in.;
- (13) 72 l.f. incasement under railway tracks;
- (14) 400 sq. ft. pipe coating, type A;
- (15) 1,700 sq. ft. pipe coating, type B
- (16) does not apply here;
- (17) 62,000 lbs. furnish and install steel thimbles and covers;
- (18) 60,000 lbs. furnish and install steel manifolds, reducing sections and insulating joint assemblies;
- (19) 2 points furnish and install electrolysis test points, type 1;
- (20) 1 point do, type 2;
- (21) 3 points do, type 3;
- (22) 40,000 lbs. install shutoff, regulating and relief valves;
- (23) 50,000 lbs. install misc. metal;
- (24) 100 l.f. install 6-in. conc. pipe;
- (25) 100 l.f. install 8-in. conc. pipe;
- (26) 550 l.f. furnish and install 6-in. cast iron pipe for sewer reconstruction;
- (27) 200 l.f. furnish and install 8-in. cast iron pipe for sewer reconstruction;
- (28) 50 l.f. remodel house connection sewers;
- (29) does not apply here.

SCHEDULE 25-SC

- Guniting coated welded steel pipe with spun mortar lining for Palos Verdes feeder of the Colorado River Aqueduct distribution system, between stations 1312 plus 25 and 1668 plus 00. Inside dia. of steel pipe, 51-in.; length, 35,360 ft.
- (1) 107,000 c.y. trench excav.;
- (2) 400 c.y. excav. for struc.;
- (3) 85,000 c.y. backfill;
- (4) 1,000 tons rock refill;
- (5) 450 c.y. concrete in struc.;
- (6) 200 c.y. concrete in anchors, manhole bases and supports across trench;
- (7) 750 c.y. concrete in cradle;
- (8 to 10) do not apply here;
- (11) 78,000 lbs. placing reinf. steel in struc.;
- (12) furnish and install 51-in. spun mortar lined steel pipe;
- (12a) 23,765 l.f. 3/4-in.;
- (12b) 10,130 l.f. 13/32-in.;
- (12c) 1,322 l.f. 7/8-in.;

- (12d) 72 l.f. 1/2-in.;
- (13) 72 l.f. incasement under railway tracks;
- (14) 192,000 sq. ft. pipe coating, type A;
- (15) 273,000 sq. ft. do, type B;
- (16) 15,200 sq. ft. do, type C;
- (17) 61,000 lbs. furnish and install steel thimbles and covers;
- (18) 48,000 lbs. furnish and install steel manifolds, reducing sections and insulating joint assemblies;
- (19) 2 points furnish and install electrolysis test points, type 1;
- (20) 1 point do, type 2;
- (21) 3 points do, type 3;
- (22) 40,000 lbs. install shutoff, regulating and relief valves;
- (23) 50,000 lbs. install misc. metal;
- (24) 100 l.f. install 6-in. conc. pipe;
- (25) 100 l.f. install 8-in. conc. pipe;
- (26) 550 l.f. furnish and install 6-in. cast iron pipe for sewer reconstruction;
- (27) 200 l.f. furnish and install 8-in. cast-iron pipe for sewer reconstruction;
- (28) 50 l.f. remodel house connection sewers;
- (29) does not apply here.

Award will be made on Schedules 24P and 25P, or on 24SC and 25SC. Complete total bids follow:

- (A) American Concrete and Steel Pipe Co., (Sch. 24P) \$532,708.96; (Sch. 24SC) \$.....; (Sch. 25P) \$518,877.11; (Sch. 25SC) \$.....
- (B) United Concrete Pipe Corp., (24P) \$571,177.36; (24SC) \$607,373.00; (25P) \$498,640.27; (25SC) \$371,521.50.
- (C) EmSCO Derrick & Equipment Co., (24P) \$.....; (24SC) \$549,628.; (25P) \$.....; (25SC) \$542,107.38.
- (D) Western Pipe and Steel Co., (24P) \$.....; (Sch. 24SC) \$577,843.28; (25P) \$.....; (25SC) \$576,851.80.
- (E) R. G. Clifford, (24P) \$.....; (24SC) \$633,519.52; (25P) \$.....; (25SC) \$616,612.53.
- (F) J. F. Shea Co., (Sch. 24P) \$.....; (24SC) \$635,828.33; (25P) \$.....; (25SC) \$629,217.66.
- (G) Winston Bros. Co., (24P) \$.....; (24SC) \$678,571.50; (25P) \$.....; (25SC) \$664,876.00.
- (H) Griffith Co., (24P) \$.....; (24SC) \$664,214.40; (25P) \$.....; (25SC) \$656,870.11.

STIPULATIONS

- (A) American Concrete and Steel Pipe Co., P. O. Box 1428, Arcade Sta., Los Angeles: no stipulations.
- (B) United Concrete Pipe Corp., P. O. Box 1, Sta. H, Los Angeles: Will accept either 24P or 25P alone or together, but will only accept 24SC and 25SC together; will not accept 24SC without 25SC or 25SC without 24SC.
- (C) EmSCO Derrick & Equipment Co., P. O. Box 1408, Arcade Sta., Los Angeles: any award will not be considered unless it covers both schedules.
- (D) Western Pipe and Steel Co., P. O. Box 1120, Arcade Station, Los Angeles: award based upon award of both schedules; will not accept either alone.
- (E) R. G. Clifford, 215 Market St., San Francisco: no stipulations.
- (F) J. F. Shea, 1102 Oviatt Bldg., Los Angeles: if awarded 24SC and 25SC deduct from Item 12 of both schedules 78c per l.f.
- (G) Winston Bros. Co., 411 W 5th St., Los Angeles: for award of both schedules together deduct 40c c.y. from Item 1 of 24SC; 18c c.y. from Item 25SC; and 50c l.f. from Items 12a, 12b, 12c and 12d of Sch. 24SC and 25SC.
- (H) Griffith Co., 502 Los Angeles Railway Building, Los Angeles: if awarded both schedules deduct from 12a, 12b, 12c and 12d of both schedules, 78c l.f.

Unit prices follow:

	SCHEDULE 24P				SCHEDULE 25P			
	(A)	(B)	(C)	(D)	(A)	(B)	(C)	(D)
(1)	\$.55	\$.70			\$.45	\$.29		
(2)	1.50	1.00			1.50	1.00		
(3)	.15	.14			.15	.10		
(4)	3.00	3.00			3.00	3.00		
(5)	19.00	21.00			19.00	20.00		
(6)	12.50	7.00			12.50	7.00		
(7)	8.00	7.00			8.00	7.00		
(8a)	4.22	3.90			4.47	3.50		
(8b)	4.32	4.40			4.57	4.00		
					2.64	3.39		
(9b)	2.86	3.61			2.86	3.61		
(9c)	3.07	3.81			3.07	3.81		
(9d)	3.20	4.01			3.20	4.01		
(9e)	6.66	5.68			6.63	5.68		
(9f)	8.52	7.43			8.52	7.43		
(10)	.032	.033			.032	.033		
(11)	.02	.02			.02	.02		
(12d)	20.00	15.00			20.00	12.00		
(13)	30.00	60.00			30.00	60.00		
(15)	.12	.15			.07	.15		
(17)	.15	.18			.12	.15		
(18)	.14	.18			.15	.18		
(19)	125.00	100.00			14	.18		
(20)	125.00	100.00			125.00	100.00		
(21)	150.00	100.00			125.00	100.00		
(22)	.02	.05			150.00	100.00		
(23)	.02	.05			.02	.05		
(24)	1.50	.40			.02	.05		
(25)	1.50	.50			1.50	.40		
(26)	2.00	1.70			1.50	.50		
(27)	2.50	2.00			2.00	1.70		
(28)	3.50	2.00			2.50	2.00		
(29)	1.50	5.00			3.50	2.00		

	SCHEDULE 24SC							
	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$.74	\$.706	\$.78	\$.80	\$.52	\$.85	\$.91	
(2)	1.50	1.90	1.25	2.00	1.75	1.10	1.10	
(3)	.14	.15	.20	.24	.27	.35	.27	
(4)	3.00	2.30	3.00	2.40	2.50	3.25	3.00	
(5)	21.00	20.00	20.00	20.00	25.00	19.00	17.00	
(6)	7.00	9.30	14.00	12.00	16.00	16.00	12.00	
(7)	7.00	6.00	9.00	8.00	7.00	10.00	11.00	
(12a)	12.00	10.46	0.18	0.02	.02	.015	.015	
(12b)	12.50	10.93	11.43	12.43	13.07	13.75	13.83	
(12c)	13.50	11.37	12.01	14.83	13.97	14.75	14.83	
(12d)	15.00	12.27	13.33	16.21	19.07	20.00	21.00	
(13)	70.00	26.00	31.00	40.00	50.00	35.00	60.00	
(14)	.06	.065	.06	.073	.08	.07	.054	
(15)	.08	.09	.11	.115	.105	.10	.08	
(16)	.15	.155	.17	.20	.16	.17	.14	
(17)	.18	.20	.19	.25	.20	.19	.17	
(18)	.18	.22	.15	.24	.24	.24	.205	
(19)	150.00	200.00	122.00	140.00	75.00	100.00	90.00	
(20)	150.00	200.00	122.00	150.00	90.00	95.00	90.00	
(21)	150.00	200.00	122.00	150.00	100.00	170.00	90.00	
(22)	.05	.04	.05	.05	.10	.03	.025	
(23)	.05	.05	.06	.09	.07	.03	.03	
(24)	.50	.60	.50	.50	.60	1.00	1.00	
(25)	.70	.80	.75	.60	.75	1.00	1.25	
(26)	2.00	1.50	2.50	1.50	1.50	2.00	1.05	
(27)	2.50	2.00	3.50	2.00	2.00	2.50	1.25	
(28)	2.00	2.00	2.00	1.80	1.00	3.50	3.00	
(29)	5.00	1.25	1.50	2.50	1.45	1.20	1.40	

	SCHEDULE 25SC							
	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$.34	\$.596	\$.67	\$.58	\$.40	\$.63	\$.74	
(2)	.150	1.50	1.25	2.00	1.75	1.10	1.10	
(3)	.10	.147	.20	.24	.24	.35	.27	
(4)	3.00	2.30	3.00	2.40	2.50	3.25	3.00	
(5)	21.00	20.00	20.00	21.00	25.00	19.00	17.50	
(6)	7.00	9.30	14.00	12.00	16.00	16.00	12.00	
(7)	7.00	6.00	9.00	8.00	7.00	10.00	11.00	
(11)	.02	.02	0.18	.02	.02	.015	.015	
(12a)	12.30	10.46	10.88	11.81	12.74	13.00	12.93	
(12b)	12.50	10.93	11.46	12.19	13.24	13.75	13.83	
(12c)	13.50	11.37	12.04	14.63	14.14	14.75	14.83	
(12d)	15.00	12.27	13.36	16.06	19.24	20.00	21.00	
(13)	70.00	26.00	31.00	40.00	50.00	35.00	60.00	
(14)	.06	.065	.06	.073	.08	.07	.054	
(15)	.08	.09	.11	.115	.11	.10	.08	
(16)	.15	.155	.17	.20	.16	.17	.14	
(17)	.18	.20	.19	.25	.20	.19	.17	
(18)	.18	.22	.15	.24	.24	.24	.205	
(19)	150.00	200.00	122.00	140.00	75.00	100.00	90.00	
(20)	150.00	200.00	110.00	140.00	90.00	95.00	90.00	
(21)	150.00	200.00	122.00	150.00	100.00	170.00	90.00	
(22)	.05	.04	.05	.05	.10	.03	.025	
(23)	.05	.05	.06	.09	.07	.03	.03	
(24)	.50	.60	.50	.50	.60	1.00	1.00	
(25)	.70	.80	.75	.60	.75	1.00	1.25	
(26)	2.00	1.50	2.50	1.50	1.50	2.00	1.05	
(27)	2.50	2.00	3.50	2.00	2.00	2.50	1.25	
(28)	2.00	2.00	2.00	1.80	1.00	3.50	3.00	

Section 562 P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Bids November 9 on State
Office Building



A. I. A. Committee Appointments Listed



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone MARKET 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., OCTOBER 15, 1938

No. 42

FOREIGN WORK AT EXPOSITION TO BE SPEEDED

Commissioners, Architects Arrive to Supervise Erection Of Pavilions

From the far corners of the earth, foreign commissioners and architects are gathering in San Francisco to erect their countries' buildings and direct installation of their exhibits at the California World's Fair on Treasure Island.

With twenty-nine countries definitely "signed up" as participants and another thirteen nations reported favorably inclined, the international aspect of the fast-approaching Exposition is assured, it was announced by Major O. J. Keatinge, Chief of Foreign Participation.

Robert Deppe, architect for the Netherlands East Indies building, arrived in San Francisco Friday from Batavia, Java, and immediately went into conference with Dr. H. A. van Coenen Torchiana, Consul General of the Netherlands in San Francisco.

Commissioner Juan de Marval of Argentina traveled from Buenos Aires to San Francisco by air and arrived here Saturday.

Other foreign commissioners and architects for Exposition buildings now in San Francisco include Commissioner Hugo Roman of Ecuador; Dr. Julio Enrique Avila, Commissioner from El Salvador; Commissioner C. C. Huang for China; Commissioner Fernando Berckemeyer for Peru; Commissioner Kanzo Shiozaki for Japan; Commissioner Arthur H. O'Connor of Australia; Commissioner R. W. Marshall for New Zealand; Georges Besse, architect for the French pavilion, from Paris, France; Jean Mourraile, architect-contractor in charge of work on the French Indo-China pavilion, also of Paris; and Armando d'Ans, architect for the Argentine pavilion.

Commissioner Eurico Penteado of Brazil, now in New York, is due for a second visit to San Francisco shortly.

WARNER LOW ON COLORADO DAM

DENVER, Colo., Oct. 12.—Warner Construction Co., Chicago, Ill., today submitted a low bid of \$4,226,206 to the U. S. Bureau of Reclamation for construction of the Green Mountain Dam and Power Plant of the Colorado-Big Thompson Project.

Second low bidders were the Utah Construction Company of Ogden, and San Francisco, and Winston Bros. Co., Minneapolis, with a joint proposal of \$4,258,851.

AGC CHAPTER PLANS ANNUAL MEET DEC. 9-10

Western engineering and heavy construction contractors will gather in San Francisco December 9 and 10 at the 20th annual convention of Northern California Chapter, Associated General Contractors of America.

This was announced yesterday by Floyd O. Booe, secretary-manager of Northern California Chapter. The two-day convention will take place at the Palace Hotel, culminating in the annual banquet of the contractors' organization the evening of December 10.

Highlight of the chapter convention sessions will be the adoption of final plans for the National Convention of the Associated General Contractors of America, to be held in San Francisco March 5 to 11, 1939.

As host chapter, the Northern California group already is engaged in the preliminaries to the national conclave, which, it is declared, will be the largest convention gathering of the entire Exposition year.

Guests of honor at the December convention of Northern California Chapter will include state and Federal highway officials and engineers, city officials of San Francisco; officials of P.W.A., with whom the construction industry is working in close cooperation, and representatives of labor.

STATE OFFICE BUILDING OUT FOR PROPOSALS

Bids November 9 on Contract For Big Sacramento Structure

SACRAMENTO, Oct. 11.—Bids for construction of State Office Building No. 3 in Sacramento, one of the year's largest public building contracts in California, were invited here today by the State Division of Architecture.

Proposals will be opened November 9, State Architect George B. McDougall announced.

Pile foundations, pile caps and rough concrete basement slab have been constructed under separate contracts. Bids for the remainder of the work will be received November 9 as follows:

- General work;
- Electric work;
- Plumbing;
- Heating and air conditioning Elevators.

The new State office building will be an imposing addition to Sacramento's group of public structures. It will be a five-story and basement building, of reinforced concrete construction.

Located on M street between 10th and 11th streets, it will cover a ground area of 150 by 315 feet in size.

The building will contain its own heating and air conditioning systems.

A deposit of \$50 will be required on plans for the general work, the State Architect's office announced. Plans for other portions of the work may be obtained from the Division of Architecture upon deposit of \$25.00.

BOYD LIGHTING AND FIXTURE CO. MOVES

The Boyd Lighting and Fixture Company have moved their factory and showrooms to new, improved quarters at 56 Twelfth street, between Market and Mission streets, it is announced.

The Boyd Lighting and Fixture Company was formerly located at 278 Post street. The new telephone number is HEmlock 4300.

PWA Applications Far Exceed Available Funds, Final Nation-Wide Tally Reveals

Shattering all previous records, communities and States throughout the Nation filed 12,804 applications for more than four billion dollars worth of PWA non-Federal projects in the brief 101-day period allowed for filing applications under the 1938 program which ended Friday,

Public Works Administrator Harold L. Ickes announced this week.

Completion of a telegraphic survey of the seven PWA regional offices showed that American municipalities, volunteering to assess themselves 55 per cent of the total cost from local funds, asked PWA aid to finance \$4,005,904,186 worth of construction in the 1938 program. In submitting the 12,804 applications, they asked for \$768,298,529 in loans and \$1,881,884,891 in grants, or a total of \$2,650,183,420 to finance the more than four billion dollars worth of desired work.

The rush to file applications was so great that the telegraphic survey indicated something more than 2,500 applications poured into PWA offices Friday, the last day for filing. No such rush could be recalled in all previous PWA experience. By plane, automobile and train, representatives of cities and towns hastened to file their applications in a dramatic, last-minute rush. Application for wharf project for Martha's Vineyard to replace storm damage was flown to Washington by plane from that place. In Nebraska, communities some distance from the Omaha office dropped application papers on the desk of the project engineer for the Nebraska power projects as the nearest PWA representative. Many of the offices stayed open until midnight, and several applications reached the Chicago regional office just a few moments before the midnight closing.

Over All Estimates

So great was the influx of applications that it by far exceeded all PWA estimates.

This response to the Public Works Administration program within such a short period breaks all previous records built up by PWA since 1933. Administrator Ickes reported. The telegraphic survey was based on the number of applications reaching the PWA offices as of the close of business on September 30, the last date under the 1938 PWA Act on which applications could be received. (The 1938 Act was signed by President Roosevelt June 21, 1938, and applications then were considered for projects.)

Meanwhile, allotments to projects approved by President Roosevelt have been moving steadily out from the Washington headquarters while the applications have been coming in. As of today a check showed that PWA has allotted funds to 6,724 projects, including both Federal and non-Federal projects. The 6,724 projects involve \$1,503,107,458 worth of construc-

tion and are financed by allotments totaling \$828,651,419. The allotment figures are made up of \$49,538,863 in loans and \$779,112,556 in grants.

Last Minute Rush

Those of the 12,804 applications which have not yet been reviewed will be given immediate consideration and as may as possible which meet requirements will be allotted, to the limit of available funds. This phase of the work will of necessity be speedy, because the second dead-line in the PWA law requires that all projects be under construction by January 1, 1939.

PWA Region No. 1, comprising New York and Pennsylvania and the New England States, and running as far south as Maryland, led all other regions both in number of applications and volume of construction requested. This area asked for 2,891 projects with a total construction value of \$1,234,840,469. This construction would be financed by applications for \$846,213,171 in allotments, including \$191,328,035 in loans and \$654,885,136 in grants.

Second largest number of requests came from PWA Region No. 2, taking in the States of West Virginia, Ohio, Indiana, Illinois, Michigan and Wisconsin.

Municipalities and public bodies in this area filed applications for 2,643 projects involving \$677,956,038 worth of construction. It was proposed to finance this construction with allotments of \$364,273,571 made up of \$59,451,105 in loans and \$304,822,466 in grants.

The third largest number of applications were filed by towns, cities and State in Region No. 3, with headquarters at Atlanta and including the Southeastern States. This area asked for 2,063 projects having a total value of \$487,490,394.

Funds Limited

The number of applications made by municipalities and States for PWA aid so far exceeds the funds made available under the 1938 PWA Act that a large number of eligible projects will be left over when available funds have been exhausted. Among the projects allotted in the present program were 1,800 eligible projects left over from previous programs. When these are subtracted from the 5,715 non-Federal projects allotted to date, it will be seen that 3,915 new applications have been approved to date out of the 12,804 filed, leaving a balance of 8,889 projects either unallotted, unexamined, or rejected. Additional al-

ORDERS GAIN, COAST LUMBER MILLS REPORT

New Business Up 10 Million Feet Over Preceding Week; Shipments Drop

A sharp increase in new business and continued declines in production and shipments featured the weekly report issued yesterday by the West Coast Lumbermen's Association.

A total of 151 down and operating mills in Washington and Oregon, which reported to the Association for the week ending Oct. 1, 1938, produced 94,050,146 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 59.8 percent of its average weekly cut during 1926-1929.

The new business reported for the week by the 151 mills was 94,685,678 board feet. Shipments were 91,529,674.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	37,842,863	41,195,758
Domestic		
Cargo	37,741,493	33,432,604
Export	6,736,375	4,536,365
Local	12,364,947	12,364,947
	94,685,678	91,529,674

The unfiled order file at these mills stood at 259,365,237 board feet.

As compared with the preceding week, reported orders were approximately 10,000,000 feet higher.

Production for the week was off about 1,200,000 feet from the preceding week's figure, while shipments were about 4,000,000 ft. less.

lotments will continue to be made during the next two weeks until the funds authorized by Congress have been completely allotted to projects which meet all requirements. There will then be a large balance of eligible, but unallotted projects, owing to the enormous demand for PWA aid.

Analysis of the number of applications and the amounts requested indicate that the average application filed was for an allotment of approximately \$207,000, which was to be used to finance construction costing around \$313,000. Schools and educational buildings led the number of requests, closely followed by applications for sewers, waterworks, sewage disposal systems, city halls and courthouses, roads, bridges and the like.

New orders for fabricated steel plate amounted to 22,069 tons during August, as compared to orders for 31,763 tons booked during August, 1937, according to the Bureau of Census.

Appointments to 47 A. I. A. Committees Announced; California Architects Named

Appointments to forty-seven committees of the American Institute of Architects are announced by Charles D. Maginnis of Boston, president of the Institute. The committee groups, with more than 200 members, will carry on an enlarged program of Institute activity in housing, city planning, foreign relations, civic design, education, allied arts, public works, industrial relations, and other fields during 1938-39.

The Committee on Housing, headed by Walter R. McCormack of Cleveland as chairman and William Finley Parker of Boston as vice-chairman, will cooperate with government agencies, with the construction industry, and with the National Real Estate Board in promoting building recovery. The following have been named to the Executive Committee on Housing: Kenneth W. Dalzell, East Orange, N. J.; Albert J. Evers, San Francisco; John Reed Fugard, Chicago; Frederick W. Garber, Cincinnati; W. H. Graham, Jr., Philadelphia; George H. Gray, New Haven, Conn.; Albert D. Kohn, New York; E. Philip Schreier, Washington, D. C.; Edmond H. Shreve, New York; William T. Warren, Birmingham, Alabama.

Housing Movement

Mr. Gray was chosen chairman of the Subcommittee on Study of Basic Principles for National Housing Movement. Other members include: Franklin O. Adams, Tampa, Fla.; Henry Stern Churchill, Boston; William Clair Ditchy, Detroit; Moise H. Goldstein, New Orleans; Horace W. Peaslee, Washington; Walter H. Thomas, Philadelphia; Mr. Evers, Mr. Fugard, Mr. Shreve, Mr. Kohn, Mr. Parker.

Mr. Dalzell is chairman of the committee on the Small House problem, other members of which include: E. Geoffrey Bangs, Oakland; Eph H. Cameron, San Antonio, Texas; Clement W. Fairweather, Tucson, N. J.; Herbert Foltz, Indianapolis, Ind.; J. Andre Foulis, New York; Carl E. Heimdt, Western Springs, Ill.; Robert Taylor Jones, Minneapolis, Minn.; Miss Justement, Washington, D. C.; James W. Kidney, Buffalo, N. Y.; Charles Dana Loomis, Baltimore, Md.; Henry A. Martin, Rochester, N. Y.; Richard W. Mecasay, Philadelphia; Andrew W. Moran, Detroit; C. Julian Oberwarth, Ankfort, Ky.; Edward D. Pierre, Indianapolis, Ind.; E. Philip Schreier, Washington, D. C.; J. Frazier Smith, Memphis, Tennessee; Dana Ames, Boston, Mass.; Lee Sorey, Oklahoma City, Okla.; Lancelot Tert, Detroit; David J. Witmer, Los Angeles.

Mr. Justement will head the committee on Cooperation with Government Agencies. The other members are: William Lescaze, New York; Frederick Mathesius, New York; Mr. Dalzell, Mr. Leslee, Mr. Sukert, Mr. Witmer.

Work With Realtors

Mr. Fugard is chairman of the committee on Cooperation with the National Real Estate Board. Associated with him on this com-

mittee are Arthur C. Holden of New York, and Henry K. Holsman of Chicago.

Ralph T. Walker of New York is chairman of the Committee on City Planning, and Alfred Shaw of Chicago is vice-chairman. Other members are Frederick Bigger of Pittsburgh and Mr. Holden.

Julian Clarence Levi of New York is chairman of the Committee on Foreign Relations, and John A. Holabird of Chicago is vice-chairman. Other members are: Henry R. Shepley and Wm. Graves Pery of Boston and Philip L. Goodwin of New York.

Chairmen Named

The following were named as chairmen of other principal Institute committees:

Federal Public Works, Charles Butler, New York.

State and Municipal Public Works, Raymond J. Ashton, Salt Lake City.

Industrial Relations, Mr. Parker. Structural Service, N. Max Dunning, Washington, D. C.

Registration Laws, C. Julian Oberwarth, Frankfort, Ky.

Public Information, William Orr Ludlow, New York.

Allied Arts, Ely Jacques Kahn, New York.

Civic Design, Eliel Saarinen, Bloomfield Hills, Mich.

National Capital, Francis P. Sullivan, Washington, D. C.

State Organization, Mr. Fugard. International Congress of Architects, Mr. Shreve.

Standard Floor Area Measurements, Leo B. Steif, Chicago.

Interprofessional Relations, Mr. Sullivan.

Administration Building, Mr. Waid.

Registration Law Requirements for Applicants, Mr. Fugard.

Pan-American Relationships of the Institute, Frederick H. Meyer, San Francisco.

Preservation of Historic Buildings, Leicester B. Holland, Washington, D. C.

Education, C. C. Zantzing, Philadelphia.

Contract Documents, Mr. Parker. Architectural Services, Ralph H. Cameron, San Antonio, Texas.

Architectural Competitions, Eric Gugler, New York.

By-Laws, Edwin Bergstrom, Los Angeles.

Membership, Alfred Shaw, Chicago.

Judiciary, Merrill C. Lee, Richmond, Va.

The Octagon Property, Mr. Waid. Professional Practices, John P. B. Sinkler, Philadelphia.

THIRTEEN FIRMS BID ON BUREAU WORK IN SOUTH

**Basich Bros. Low at \$90,204;
Arizona Grading Job
Advertised**

District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads, San Francisco, yesterday opened bids for grading and constructing bridges on approximately 2,235 miles, Section A of Federal Lands Highway Proj. No. 5, Kane Springs - Oceanside Highway, La Jolla Indian Reservation in San Diego county.

Basich Brothers, Torrance, at \$90,204.50, submitted the low bid, followed by Crowe Brothers, Los Angeles, at \$91,351.74.

Coincident with opening bids on the San Diego county job, District Engineer Sweetser called for bids for grading and placing surfacing (base) on 3,577 miles of Section B, Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino county, Ariz.

Bids on the job will be opened October 25.

Principal items include: 25 acres of clearing and grubbing; 101,000 cubic yards of unclassified excavation; 1190 cubic yards of unclassified excavation for structures; 357,000 station yards overhaul; 13,000 tons of heavy crushed rock or gravel base course; and 6500 tons of crusher run top course.

Fourteen firms submitted bids on the San Diego county project. Total bids follow:

Basich Brothers	\$90,204.50
Crowe Brothers	91,351.74
Ralph A. Bell.....	104,305.20
C. G. Willis.....	112,379.74
Gibbons & Reed	116,817.00
Lewis Const. Co.....	119,750.10
Griffith Company	125,786.30
Claude C. Fisher Co.....	127,815.30
Daley Corp.....	129,130.75
N. M. Ball Sons	132,009.10
Harris Brothers	139,343.00
V. R. Dennis Const. Co.....	144,760.80
Shanahan Bros.....	159,718.60
R. L. Oakley.....	197,226.00

Jury of Fellows

The Jury of Fellows of the Institute will consist of the following:

Ernest John Russell, St. Louis, chairman; F. C. Baldwin, Washington, D. C.; Paul A. Davis, III, Philadelphia; Gerrit J. de Gelleke, Milwaukee; F. Ellis Jackson, Providence, R. I.; Reginald D. Johnson, Los Angeles.

Edward W. Donn, Jr., Washington, D. C., was chosen chairman of the Board of Examiners. Other members of the board are Robert F. Beresford and Frederick V. Murphy, both of Washington. Mr. Bergstrom, treasurer of the Institute, heads the Investment Committee, other members of which are Robert K. Fuller of Denver, and Mr. Evers.

PWA Applications Far Exceed Available Funds, Final Nation-Wide Tally Reveals

Shattering all previous records, communities and States throughout the Nation filed 12,804 applications for more than four billion dollars worth of PWA non-Federal projects in the brief 101-day period allowed for filing applications under the 1938 program which ended Friday.

Public Works Administrator Harold L. Ickes announced this week.

Completion of a telegraphic survey of the seven PWA regional offices showed that American municipalities, volunteering to assess themselves 55 per cent of the total cost from local funds, asked PWA aid to finance \$4,005,904,186 worth of construction in the 1938 program. In submitting the 12,804 applications, they asked for \$768,298,529 in loans and \$1,881,884,891 in grants, or a total of \$2,650,183,420 to finance the more than four billion dollars worth of desired work.

The rush to file applications was so great that the telegraphic survey indicated something more than 2,500 applications poured into PWA offices Friday, the last day for filing. No such rush could be recalled in all previous PWA experience. By plane, automobile and train, representatives of cities and towns hastened to file their applications in a dramatic, last-minute rush. Application for wharf project for Martha's Vineyard to replace storm damage was flown to Washington by plane from that place. In Nebraska, communities some distance from the Omaha office dropped application papers on the desk of the project engineer for the Nebraska power projects as the nearest PWA representative. Many of the offices stayed open until midnight, and several applications reached the Chicago regional office just a few moments before the midnight closing.

Over All Estimates

So great was the influx of applications that it by far exceeded all PWA estimates.

This response to the Public Works Administration program within such a short period breaks all previous records built up by PWA since 1933, Administrator Ickes reported. The telegraphic survey was based on the number of applications reaching the PWA offices as of the close of business on September 30, the last date under the 1938 PWA Act on which applications could be received. (The 1938 Act was signed by President Roosevelt June 21, 1938, and applications then were considered for projects.)

Meanwhile, allotments to projects approved by President Roosevelt have been moving steadily out from the Washington headquarters while the applications have been coming in. As of today a check showed that PWA has allotted funds to 6,724 projects, including both Federal and non-Federal projects. The 6,724 projects involve \$1,503,107,458 worth of construc-

tion and are financed by allotments totaling \$828,651,419. The allotment figures are made up of \$49,538,863 in loans and \$779,112,556 in grants.

Last Minute Rush

Those of the 12,804 applications which have not yet been reviewed will be given immediate consideration and as may as possible which meet requirements will be allotted, to the limit of available funds. This phase of the work will of necessity be speedy, because the second dead-line in the PWA law requires that all projects be under construction by January 1, 1939.

PWA Region No. 1, comprising New York and Pennsylvania and the New England States, and running as far south as Maryland, led all other regions both in number of applications and volume of construction requested. This area asked for 2,891 projects with a total construction value of \$1,234,840,469. This construction would be financed by applications for \$846,213,171 in allotments, including \$191,328,035 in loans and \$654,885,136 in grants.

Second largest number of requests came from PWA Region No. 2, taking in the States of West Virginia, Ohio, Indiana, Illinois, Michigan and Wisconsin.

Municipalities and public bodies in this area filed applications for 2,643 projects involving \$677,956,038 worth of construction. It was proposed to finance this construction with allotments of \$364,273,571 made up of \$59,451,105 in loans and \$304,822,466 in grants.

The third largest number of applications were filed by towns, cities and State in Region No. 3, with headquarters at Atlanta and including the Southeastern States. This area asked for 2,063 projects having a total value of \$487,490,394.

Funds Limited

The number of applications made by municipalities and States for PWA aid so far exceeds the funds made available under the 1938 PWA Act that a large number of eligible projects will be left over when available funds have been exhausted. Among the projects allotted in the present program were 1,800 eligible projects left over from previous programs. When these are subtracted from the 5,715 non-Federal projects allotted to date, it will be seen that 3,915 new applications have been approved to date out of the 12,804 filed, leaving a balance of 8,889 projects either unallotted, unexamined, or rejected. Additional al-

ORDERS GAIN, COAST LUMBER MILLS REPORT

New Business Up 10 Million Feet Over Preceding Week Shipments Drop

A sharp increase in new business and continued declines in production and shipments featured the weekly report issued yesterday by the West Coast Lumbermen's Association.

A total of 151 down and operating mills in Washington and Oregon, which reported to the Association for the week ending at 1, 1938, produced 94,050,146 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 59.8 per cent of its average weekly cut during 1926-1929.

The new business reported for the week by the 151 mills was 4,685,678 board feet. Shipments were 91,529,674.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	37,842,863	41,191,538
Domestic		
Cargo	37,741,493	33,435,004
Export	6,736,375	4,531,665
Local	12,364,947	12,364,447
	94,685,678	91,529,674

The unfilled order file at these mills stood at 259,365,237 board feet.

As compared with the preceding week, reported orders were approximately 10,000,000 feet higher.

Production for the week was off about 1,200,000 feet from the preceding week's figure, while shipments were about 4,000,000 feet less.

Allotments will continue to be made during the next two weeks until the funds authorized by Congress have been completely allotted to projects which meet all requirements. There will then be a large balance of eligible, but unallotted projects, owing to the enormous demand for PWA aid.

Analysis of the number of applications and the amounts requested indicate that the average application filed was for an allotment of approximately \$20,000, which was to be used to finance construction costing around 13,000. Schools and educational buildings led the number of requests closely followed by application for sewers, waterworks, sewage disposal systems, city halls and urt-houses, roads, bridges and the like.

New orders for fabricated steel plate amounted to 22,069 tons during August, as compared to orders for 31,763 tons booked during August, 1937, according to the Bureau of Census.

Appointments to 47 A. I. A. Committees Announced; California Architects Named

Appointments to forty-seven committees of the American Institute of Architects are announced by Charles D. Maginnis of Boston, president of the Institute. The committee groups, with more than 200 members, will carry on an enlarged program of Institute activity in housing, city planning, foreign relations, civic design, education, allied arts, public works, industrial relations, and other fields during 1938-39.

The Committee on Housing, headed by Walter R. McCornack of Cleveland as chairman and William Stanley Parker of Boston as vice-chairman, will cooperate with government agencies, with the construction industry, and with the National Real Estate Board in promoting building recovery. The following have been named to the Executive Committee on Housing:

Kenneth W. Dalzell, East Orange N. J.; Albert J. Evers, San Francisco; John Reed Fugard, Chicago; Frederick W. Garber, Cincinnati; John Graham, Jr., Philadelphia; George H. Gray, New Haven, Conn. Robert D. Kohn, New York; E. Philip Schreier, Washington, D. C.; Richmond H. Shreve, New York; William T. Warren, Birmingham, Alabama.

Housing Movement

Mr. Gray was chosen chairman of the Subcommittee on Study of Basic Principles for National Housing Movement. Other members are: Franklin O. Adams, Tampa, Fla.; Henry Stern Churchill, Boston; William Clair Ditchey, Detroit; Moise H. Goldstein, New Orleans; Horace W. Peaslee, Washington; Walter H. Thomas, Philadelphia; Mr. Evers, Mr. Fugard, Mr. Shreve, Mr. Kohn, Mr. Parker.

Mr. Dalzell is chairman of the Subcommittee on the Small House Problem, other members of which are: E. Geoffrey Bangs, Oakland; Ralph H. Cameron, San Antonio, Texas; Clement W. Fairweather, Metuchen, N. J.; Herbert Foltz, Indianapolis, Ind.; J. Andre Poulhous, New York; Carl E. Heimbrodt, Western Springs, Ill.; Robt. Taylor Jones, Minneapolis, Minn.; Louis Justement, Washington, D. C.; James W. Kideney, Buffalo, N. Y.; Charles Dana Loomis, Baltimore, Md.; Henry A. Martin, Rochester, N. Y.; Richard W. Mecaskey, Philadelphia; Andrew W. Morrison, Detroit; C. Julian Oberwarth, Frankfort, Ky.; Edward D. Pierre, Indianapolis, Ind.; E. Philip Schreier, Washington, D. C.; J. Frazer Smith, Memphis, Tennessee; Dana Somes, Boston, Mass.; Lee Sorey, Oklahoma City, Okla.; Lancelot Sukert, Detroit; David J. Witmer, Los Angeles.

Mr. Justement will head the Subcommittee on Cooperation with Government Agencies. The other members are: William Lescaze, New York; Frederick Mathesius, Jr., New York; Mr. Dalzell, Mr. Peaslee, Mr. Sukert, Mr. Witmer.

Work With Realtors

Mr. Fugard is chairman of the Subcommittee on Cooperation with the National Real Estate Board. Associated with him on this com-

mittee are Arthur C. Holden of New York, and Henry K. Holsman of Chicago.

Ralph T. Walker of New York is chairman of the Committee on City Planning, and Alfred Shaw of Chicago is vice-chairman. Other members are Frederick Bigger of Pittsburgh and Mr. Holden.

Julian Clarence Levi of New York is chairman of the Committee on Foreign Relations, and John A. Holabird of Chicago is vice-chairman. Other members are: Henry R. Shepley and Wm. Graves Pery of Boston and Philip L. Goodwin of New York.

Chairmen Named

The following were named as chairmen of other principal Institute committees:

Federal Public Works, Charles Butler, New York.

State and Municipal Public Works, Raymond J. Ashton, Salt Lake City.

Industrial Relations, Mr. Parker. Structural Service, N. Max Dunning, Washington, D. C.

Registration Laws, C. Julian Oberwarth, Frankfort, Ky.

Public Information, William Orr Ludlow, New York.

Allied Arts, Ely Jacques Kahn, New York.

Civic Design, Eliel Saarinen, Bloomfield Hills, Mich.

National Capital, Francis P. Sullivan, Washington, D. C.

State Organization, Mr. Fugard.

International Congress of Architects, Mr. Shreve.

Standard Floor Area Measurements, Leo B. Steif, Chicago.

Interprofessional Relations, Mr. Sullivan.

Administration Building, Mr. Waid.

Registration Law Requirements for Applicants, Mr. Fugard.

Pan-American Relationships of the Institute, Frederick H. Meyer, San Francisco.

Preservation of Historic Buildings, Leicester B. Holland, Washington, D. C.

Education, C. C. Zantzinger, Philadelphia.

Contract Documents, Mr. Parker. Architectural Services, Ralph H. Cameron, San Antonio, Texas.

Architectural Competitions, Eric Gugler, New York.

By-Laws, Edwin Bergstrom, Los Angeles.

Membership, Alfred Shaw, Chicago. Judiciary, Merrill C. Lee, Richmond, Va.

The Octagon Property, Mr. Waid. Professional Practices, John P. B. Sinkler, Philadelphia.

THIRTEEN FIRMS BID ON BUREAU WORK IN SOUTH

Basich Bros. Low at \$90,204;
Arizona Grading Job
Advertised

District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads, San Francisco, yesterday opened bids for grading and constructing bridges on approximately 2,235 miles, Section A of Federal Lands Highway Proj. No. 5, Kane Springs - Oceanside Highway, La Jolla Indian Reservation in San Diego county.

Basich Brothers, Torrance, at \$90,204.50, submitted the low bid, followed by Crowe Brothers, Los Angeles, at \$91,351.74.

Coincident with opening bids on the San Diego county job, District Engineer Sweetser called for bids for grading and placing surfacing (base) on 3,577 miles of Section B, Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino county, Ariz.

Bids on the job will be opened October 25.

Principal items include: 25 acres of clearing and grubbing; 101,000 cubic yards of unclassified excavation; 1190 cubic yards of unclassified excavation for structures; 357,000 station yards overhaul; 13,000 tons of heavy crushed rock or gravel base course; and 6500 tons of crusher run top course.

Fourteen firms submitted bids on the San Diego county project. Total bids follow:

Basich Brothers	\$90,204.50
Crowe Brothers	91,351.74
Ralph A. Bell	104,305.20
C. G. Willis	112,379.74
Gibbons & Reed	116,817.00
Lewis Const. Co.	119,750.10
Griffith Company	125,786.30
Claude C. Fisher Co.	127,815.30
Daley Corp.	129,130.75
N. M. Ball Sons	132,009.10
Harris Brothers	139,343.00
V. R. Dennis Const. Co.	144,760.80
Shanahan Bros.	159,718.60
R. L. Oakley	197,226.00

Jury of Fellows

The Jury of Fellows of the Institute will consist of the following:

Ernest John Russell, St. Louis, chairman; F. C. Baldwin, Washington, D. C.; Paul A. Davis, III, Philadelphia; Gerrit J. de Gelleke, Milwaukee; F. Ellis Jackson, Providence, R. I.; Reginald D. Johnson, Los Angeles.

Edward W. Donn, Jr., Washington, D. C., was chosen chairman of the Board of Examiners. Other members of the board are Robert F. Beresford and Frederick V. Murphy, both of Washington. Mr. Bergstrom, treasurer of the Institute, heads the Investment Committee, other members of which are Robert K. Fuller of Denver, and Mr. Evers.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3188	Carlson	Owner	5500
3189	Catholic	Barrett	1500
3190	Dong	Kee	3000
3191	Fawcett	Petersen	10000
3192	Ferech	Bergstrom	1800
3193	Gray	Owner	1000
3194	Guttman	Yoren	3000
3195	Heneck	United	1050
3196	Olive	Owner	3200
3197	Smith	Owner	2500
3198	Wing	Sartorio	2700
3199	Albert	Rahlmann	18000
3200	Barber	Owner	3200
3201	Bennett	Black	1500
3202	Beslo	Owner	3000
3203	Dreuslike	Hauu	1000
3204	Garcia	Owner	2000
3205-6	Gray	Armstrong	11500
3207	Hamilton	Berg Bros.	2000
3208	Harder	Pearson	1250
3209	Hardiman	Owner	3500
3210-12	Mendo	Janssen	3000
3213	Mendo	Janssen	4000
3214	Mendo	Janssen	7000
3215	Peysur	Klahn	1000
3216	Schubert	O'Brien	5000
3217	Weddleton	Cobby	2000
3218	Carlson	Owner	6000
3219	Daniels	Owner	10000
3220	Delpeck	United Rfg	1060
3221-2	Halsen	Owner	5000
3223	McKeon	Owner	4000
3224	Nelson	Calif. Home	1000
3225	Pergent	Willson	1400
3226	Baker	Owner	3500
3227	McCulloch	McFarland	10000
3228	Upp	Mullen	1800
3229	Zaragozaza	Cornblum	4000

FLATS

(3188) E 22nd AVE. 50 S Kirkham. Two - story and basement frame flats.

Owner and Builder—Carison & Nelson, 1306 35th Ave. Architect—Not Given. \$5,500

ALTERATIONS

(3189) 1499 CALIFORNIA ST. Alter club.

Owner—Catholic Ladies Aid Society, 1499 California St.

Contractor—Barrett & Hilp, 918 Harrison Street.

Engineer—Robert A. Hanson, 608 Indiana St. \$1,500

ALTERATIONS

(3190) 730 JACKSON. Alter store.

Owner—Chn Yick Dong, premises.

Contractor—Wong C. Kee, 890 Washington Street.

Architect—F. W. Dakin, 625 Market Street. \$3,000

ALTERATIONS

(3191) SV UNION and Fillmore. Alter flats and stores.

Owner—Mrs. K. E. Fawcett, 519 Pine Terrace, South San Francisco.

Contractor—Antone Petersen & Sons 2758 San Bruno Avenue.

Architect—Not Given. \$10,000

ALTERATIONS

(3192) 1621 FERROLD. Alter dwelling.

Owner—Antonia Ferech, 1523 McKinnon.

Contractor—George Bergstrom, 112 Putnam.

Architect—Not Given. \$1,900

ALTERATIONS

(3193) 1545 DIVISADERO ST. Alter funeral parlor.

Owner—N. Gray Co., premises.

Architect—Not Given. \$1,000

ALTERATIONS

(3194) 1015 VAN NESS AVE. Alter hotel.

Owner—Elsa Guttman, 56 Stanyan.

Contractor—Samuel Yoren, 196 Irvington Street.

Architect—Not Given. \$3,000

ALTERATIONS

(3195) 1583 THOMAS STREET. Alter dwelling.

Owner—P. Heneck, 1588 Thomas St.

Contractor—United Roofing and Siding Co., 2905 Mission St.

Architect—Not Given. \$1,050

DWELLING

(3196) SE WOOLSEY and Bowdoin. One - story and basement frame dwelling.

Owner and Builder—M. Olive, 2864 San Bruno Ave.

Architect—Not Given. \$3,200

AUTO COURT

(3197) E 4th AVE. 75 N Wawona. Auto court; (four 2-story frame dwellings).

Owner—C. L. Smith, c/o architect.

Contractor—Not Selected.

Architect—Conrad T. Kett, 519 California Street. \$2500 each

ALTERATIONS

(3198) 219 14th AVE. Alter dwelling.

Owner—W. P. Wing, 219 14th Ave.

Contractor—Peter Sartorio, 369 Pine.

Architect—O. A. Deichmann 321 Bush Street. \$2,000

(3199) NEWHALL ST and Fairfax Ave. Alter slaughter house.

Owner—Albert Facking Co., Third and Evans Sts.

Contractor—H. E. Rahlmann Co., 251 Kearny St.

Architect—Not given. \$18,000

DWELLING

(3200) N. ARLINGTON 110 W Wilder. One-story and basement frame dwelling.

Owner—H. Barber, 225 College Ave.

Architect—Not given. \$3200

ALTERATIONS

(3201) 2511 TURK ST. Alter dwelling.

Owner—Madeline Bennett, prem.

Contractor—Robert A. Black, 1935 Cabrillo.

Architect—Not given. \$1500

DWELLING

(3202) W. TARA 75 S Geneva Ave. One-story and basement frame dwelling.

Owner—Lorenzo Beslo, 5136 3rd St.

Architect—Not given. \$3000

ALTERATIONS

(3203) 330 10th STREET. Alter shop.

Owner—O. B. Dreuslike, 165 St. Elmo Way.

Contractor—C. C. W. and H. H. Hauu, 580 Market St.

ALTERATIONS

(3204) 1416 POWELL STREET. Alter store and apts.

Owner—Cruz Garcia, premises.

Architect—Not given. \$2000

DWELLING

(3205) N. JACKSON 50 W. Spruce. Three-story and basement frame dwelling.

Owner—R. G. Gray, c/o Contractor.

Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Architect—F. L. Confer, Hotel Claremont, Berkeley. \$11,500

DWELLING

(3206) N. JACKSON 40 W. Spruce. Three-story and basement frame dwelling.

Owner—R. C. Gray, c/o Contractor.

Contractor—J. R. Armstrong 1131 Fleet Road, Oakland.

Architect—F. L. Confer, Hotel Claremont, Berkeley. \$11,500

ALTERATIONS

(3207) 2567 31st AVE. Alter dwelling.

Owner—W. Hamilton, prem.

Contractor—Berg Bros., 682 42nd Ave.

Architect—Not given. \$2000

ALTERATIONS

(3208) 2580 3rd STREET. Alter hotel.

Owner—John H. Harder, 675 Douglas Street

Contractor—A. J. Pearson, 3439 26th Street.

Architect—Not given. \$1250

DWELLING

(3209) W. 23rd AVE 118 N. Noriega. One-story and basement frame dwelling.

Owner—Michael D. Hardman, 423 38th Ave.

Architect—Not given. \$3500

DWELLING

(3210) . 47th AVE 200 E. Irving. One-story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement Street.

Contractor—E. A. Janssen, 1136 Clement St.

Architect—Not given. \$3000

DWELLING

(3211) E. 47th AVE. 175 S. Irving. One-story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement Street.

Contractor—E. A. Janssen, 1136 Clement St.

Architect—Not given. \$3000

DWELLING

(3212) E. 47th AVE. 325 S. Irving. One-story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement Street.

Contractor—E. A. Janssen, 1136 Clement St.

Architect—Not given. \$3000

DWELLING

(3213) E. 46th AVE. 100 N. Balboa. One-story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement Street.

Contractor—E. H. Janssen, 1136 Clement St.

Architect—Not given. \$4000

FLATS

(3214) S. GREENWICH, corner of Stelner. Two-story and basement frame flats.

Owner—Mendo Corp., 1136 Clement Street.

Contractor—E. A. Janssen, 1136 Clement St.

Architect—Not given. \$700

ALTERATIONS

(3215) 2425 FUNSTON AVE. Alter dwelling.

Owner—L. E. Peysur, prem.

Contractor—Walter H. Klahn, 243 Funston Ave.

Architect—Not given. \$100

ALTERATIONS
 (3216) S.W. 16th and MISSION STS.
 Alter stores and offices.
 Owner—Schubert state, Central Tower Bldg.
 Contractor—Lloyd O'Brien, 369 Pine Street.
 Architect—Not given. \$5000

ALTERATIONS
 (3217) 766 3rd AVE. Alter dwelling.
 Owner—F. Weddleton, 410 31st Ave.
 Contractor—J. W. Cobby and Son, 260 Tehama.
 Architect—Not given. \$2000

FLATS
 (3218) SE 23rd AVE. and Kirkham St. Two-story and basement frame flats.
 Owner—Carlson and Nelson, 1306 38th Ave.
 Architect—Not given. \$6000

FLATS
 (3219) S.E. 15th AVE. and Kirkham. Two-story and basement frame flats.
 Owner—H. J. Daniels, 1501 15th Ave.
 Architect—C. O. Clausen, 746 46th Ave. \$10,000

ALTERATIONS
 (3220) 1798 OAKDALE AVE. Alter flats.
 Owner—Paul Delpeck, prem.
 Contractor—United Roofing and Siding Co., 2906 Mission St.
 Architect—Not given. \$1060

DWELLING
 (3221) W. 16th AVE. 250 S Vicente. One-story and basement frame dwelling.
 Owner—A. Haisen, 2427 25th Ave.
 Architect—Not given. \$5000

DWELLING
 (3222) W. 16th AVE 275 S. Vicente. One-story and basement frame dwelling.
 Owner—A. Haisen, 2427 25th Ave.
 Architect—Not given. \$5000

DWELLING
 (3223) E. 29th AVE. 125 N. Rivera. One-story and basement frame dwelling.
 Owner—C. T. McKeon, 2194 30th Ave.
 Architect—Not given. \$4000

ALTERATIONS
 (3224) 365 SAN JOSE AVE. Alter dwelling.
 Owner—Robert Milton Nelson, prem.
 Contractor—Calif. Home Imp. Co., 393 9th St.
 Architect—Not given. \$1000

ALTERATIONS
 (3225) 1495 OAK ST. Alter flats.
 Owner—Ernest Pergent, 681 Alvarado.
 Contractor—Carl C. Willson, 221 Scott Street.
 Architect—Not given. \$1400

DWELLING
 (3226) E MONTICELLO 325 North Garfield. One-story and basement frame dwelling.
 Owner and Builder—Leo H. Baker, Millbrae.
 Architect—Not Given. \$3,500

ALTERATIONS
 (3227) 991-995 VALENCIA St. Alter stores and hotel.
 Owner—J. S. McCulloch, 995 Valencia Street.
 Contractor—Jas. H. McFarland, 524 Second Ave.
 Architect—Not Given. \$10,000

ALTERATIONS
 (3228) 4600 GEARY ST. Alter bar and bakery.
 Owner—William A. Upp, premises.

Contractor — Mullen Manufacturing Co., 60 Rausch Street.
 Architect—Not Given. \$1,800

DWELLING
 (3229) N LE CONTE 93 W 3rd St. One-story and basement frame dwelling.
 Owner—Geo. Zaragoza, c/o contractor.
 Contractor—Edward Cornblum, 2200 47th Avenue.
 Architect—Not Given. \$4,000

ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
2443	Louge	Hawkins	2300
2444	MacDermott	Bettencourt	4300
2445	Mercurio	Maki	4000
2446	St. Marks	Bay Cities	1000
2447	Bollinger	Justice	4000
2448	Cochran	Thrams	2900
2449	Heraty	Jensen	2900
2450	Kroll	Kroll	13800
2451	McCloskey	Bernard	4781
2452	Steere	Johnson	6000
2453	Phelps	King	5000
2454	Caplinger	Whalln	2300
2455	Gogstad	Hem	6000
2456	Hubbard	Owner	3750
2457	Hunt	Johnson	4500
2458	Jacobs	Owner	1000
2459	Robinson	Johnson	6000
2460	Sims	Sims	4000
2461	Texas Co	Fluor	6576
2462	Rinkert	Rinkert	5400
2463	Gruewell	Scott	1040
2464	Hymes	Lloyd	1000
2465	King	Potter	1850
2466	Mortensen	Owner	5000
2467	Griffith	Owner	4000
2468	Hill	Owner	2500
2469	Loisi	Owner	3500
2470	Murrell	Dixon	1000
2471	Trimlett	Owner	4000
2472	Wallin	Owner	6000

2473 Wyberg Unit Constr. 2400
DWELLING
 (2443) 3014 1/2 BENVENUUE, BERKELEY. One-story, 3-room frame dwelling and garage.

Owner—A. C. Louge, 3014 Benvenue.
 Contractor—H. Hawkins, 2986 Col lege.
 Architect—Not given. \$2300

DWELLING
 (2444) 1805 FRANKLIN, BERKELEY. One-story, 5-room frame dwelling and garage.
 Owner—I. MacDermott, 917 Folsom, San Francisco.
 Contractor—Geo. J. Bettencourt, 1211 Evelyn Ave.
 Architect—Not given. \$4300

DWELLING
 (2445) 2315 BROWNING, BERKELEY. Two-story, 6-room frame dwelling and garage.
 Owner—V. Mercuris, 2234 California.
 Contractor—Mm. Maki, 2301 Bowditch.
 Architect—Not given. \$4000

RE-ROOF
 (2446) 2300 BANCROFT WAY, BERKELEY. Re-roof.
 Owner—St. Marks Episcopal Church, Bancroft Way and Dana.
 Contractor—Ray Cities Asbestos Co., Ltd., 5th Ave. and E. 12th St.
 Architect—Not given. \$1000

DWELLING
 (2447) 2636 67th AVE, OAKLAND. Two-story, 6-room dwelling.
 Owner—John Bollinger, 854 Magnolla Street.
 Contractor—Noble F. Justice, 2206 Clinton Ave., Alameda.
 Architect—Not given. \$4000

REPAIRS
 (2448) 414 5th STREET, OAKLAND. Fire repairs.
 Owner—Cochran & Celli, 417 6th St.
 Contractor—C. H. Thrams, 28 Home Place.
 Architect—Not given. \$2900

DWELLING
 (2449) 241 CAPRICORN AVE, OAKLAND. One-story, 4-room dwelling.
 Owner—Phil Heraty, 488 Fairbanks Ave.
 Contractor—Harry K. Jensen, 2757 Rawson St.
 One-story garage, \$200.
 Architect—Not given. \$2900

APARTMENTS
 (2450) 33, 35, 37, 39 EXCELSIOR CT., OAKLAND. Two-story, 20-room apartments.
 Owner—Ralph Krall & W. Gibson, 512 Glenview Ave.
 Contractor—Harry Krall, 512 Glenview Ave.
 Architect—Not given. \$13,800

DWELLING
 (2451) 700 MOUNTAIN BLVD., Oakland. One-story, 5-room dwelling.
 Owner—Reginald McCloskey, 92 Glen Ave.
 Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.
 Architect—James H. Anderson, Claremont Hotel. \$4781

DWELLING
 (2452) 5801 HARBORD DR., OAKLAND. One-story, 6-room dwelling.
 Owner—R. E. Steere, 109 Dale Ave., Piedmont.
 Contractor—O. W. Johnson, 3721 Young Ave.
 Architect—Not given. \$6000

DWELLING
 (2453) 1410 HOPKINS, Berkeley. One-story, 6-room frame dwelling & garage.
 Owner—A. H. Phelps, 1622 Hopkins.
 Contractor—Erick King, 1420 Hopkins.
 Architect—Not given. \$5000

DWELLING
 (2454) 9921 E. 14th STREET, OAKLAND. One-story, 3-room dwelling.
 Owner—R. Caplinger, 2303 E. 14th Street.
 Contractor—Whalln Bros., 2942 23rd Avenue.
 Architect—Not given. \$2000

DWELLING
 (2455) 1480 FERNWOOD DRIVE, OAKLAND. One-story, 6-room dwelling.
 Owner—Alf Gogstad, 2465 64th Ave.
 Contractor—John F. Hem, 415 North Street.
 One-story garage, \$500.
 Architect—Not given. \$6000

DWELLING
 (2456) 930 LEO WAY, OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—J. F. Hubbard, 5412 Proctor Ave.
 Architect—Not given. \$3750

DWELLING
 (2457) 3367 GUIDO ROAD, OAKLAND. One-story, 5-room dwelling.
 Owner—G. A. Hunt.
 Contractor—O. W. Johnson, 3721 Young Ave.
 Architect—Not given. \$4500

STORE
 (2458) 2136 PERALTA STREET, OAKLAND. One-story store.

Owner and Builder—Myrtle Jacobs,
32 Parker St., S. F.
Architect—Not given. \$1000

DWELLING
(2459) 4317 DUNSMUIR STREET,
OAKLAND. One-story, 6-room
dwelling.

Owner—G. H. Robinson, 286 Lenox
Avenue.
Contractor—O. W. Johnson, 3721
Young Ave.
Architect—Not given. \$6000

DWELLING
(2460) 2615 76th AVE., OAKLAND.
One-story, 5-room dwelling.

Owner—Rachel B. Sims, 1939 Court-
land Ave.
Contractor—Wm. H. Sims, 1939 Court-
land Ave
Architect—Not given. \$4000

BUILDING
(2461) 1896 DENNISON ST., OAK-
LAND. One-story steel drum
cleaner bldg.

Owner—The Texas Co., 1896 Denni-
son St.
Contractor—Fluor Corp., 4 18th St.,
Richmond.
Architect—Not given. \$6476

RESIDENCE
(2462) 1516 GRAND AVE., PIED-
MONT. One-story, 5-room resi-
dence and garage

Owner and Builder—Otto Rinkert,
2556 Humboldt Ave., Oakland.

(2463) 5336 LOCKSLEY AVE., OAK-
LAND. Addition.

Owner—L. H. Gruewell, 5336 Locks-
ley Ave.
Contractor—W. L. Scott, 2333 10th
Avenue.
Architect—Not given. \$1040

ALTERATIONS
(2464) 1009 EAST 14th ST., OAK-
LAND. Alter and repair.

Owner—Fred Hymes.
Contractor—Lloyd Const Co., 2652
Harrison St., S. F.
Architect—Not given. \$1000

DWELLING
(2465) 2488 TAYLOR AVE., OAK-
LAND. One-story, 3-room dwell-
ing.

Owner—Mrs. M. B. King.
Contractor—A. W. Potter & Sons,
6324 Camden St.
Architect—Not given. \$1850

DWELLING
(2466) 1906 LEIMERT BLVD., OAK-
LAND. One-story, 5-room dwell-
ing.

Owner and Builder—Paul Morten-
sen, 2417 Palmette St.
Architect—Not given. \$5000

DWELLING
(2467) 2327 108th AVE., OAKLAND.
One-story 5-room dwelling.

Owner and Builder—W. B. Griffith,
1350 99th Ave., Oakland.
Architect—Not Given. \$4,000
Also 1-story garage. \$250.

ALTERATIONS
(2468) 1816-18-20 LAKESHORE AVE.
OAKLAND. Alter apts.

Owner and Contractor—Leroy and
Jessie Hill, 121 Athol Ave.
Architect—Not Given. \$2,800

DWELLING
(2469) 4087 NORTON AVE., OAK-
LAND. One-story 5-rm. dwelling.

Owner & Builder—Victor Lolsi, 3888
Lyman Road.
Architect—Not Given. \$3,800

REPAIRS
(2470) 1747 FOURTH AVE., OAK-
LAND. Repairs.

Owner—O. W. Murrell, premises.
Contractor—W. W. Dixon, 1844 5th
Ave., Oakland.
Architect—Not Given \$1,000

DWELLING
(2471) 3606 LUNDHOLM AVENUE,
OAKLAND. One-story five-room
dwelling.

Owner and Builder—Robt. Trimlett,
736 Lincoln Avenue.
Architect—Not Given. \$4,000

DWELLING
(2472) 5253 HARBORD DR., OAK-
LAND. Two-story 6-rm. dwell-
ing.

Owner and Builder—Folke Wallin,
7529 Outlook Ave.
Architect—Not Given. \$6,000

ALTERATIONS
(2473) 221 CARMEL, PIEDMONT.
Alterations.

Owner—Howard R. Wyberg, 912 Un-
derhill Road.
Contractor—Unit Construction Co.,
557 Market St., S. F.
Architect—Not given. \$2,400

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Am't.
379 Calif School	Prout	15066
380 Caswell	Miller	4300
381 Schubert	O'Brien	5000

ADDITION
(379) E UTAH ST. 100 N 17th St.
Assembly room addn. to school.

Owner—The California School of Me-
chanical Arts, premises.
Architect—Wm. Gladstone Merchant,
235 Montgomery Street.

Contractor—J. Prout, 2530 Fillmore.
Filed, Oct. 6 '38. Dated, Sept. 30, '38.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, \$15,066.00

Bond, \$7,500. Sureties, G. R. Miller
and E. H. Peterson. Limit, 90 days.
Plans and specifications filed.

ALTERATIONS
(380) 642 HARRISON Street. Alter
Caswell building.

Owner—George W. Caswell Co., 642
Harrison Street.

Architect—Masten & Hurd, 442 Post.
Contractor—Miller Const. Co., 3917
Mission Street.

Filed and Dated, 75%
Upon completion 25%
Usual 35 days 25%
TOTAL COST, \$4,300
Plans and Specifications filed.

ALTERATIONS
(381) SW 16th AND MISSION STS.
Alterations to Bon Omí Store
(fire damage).

Owner—Raymond H. Schubert.
Contractor—Lloyd O'Brien, 369 Pine
Street.

Architect—None.
Filed Oct. 10, '38. Dated Oct. 7, '38.
TOTAL COST \$490.

Completion of ground floor... 40%
Completion 40%
Usual 35 days 20%
Bond, \$500. Sureties, Glens Falls
Indemnity Co.

ALAMEDA COUNTY

236 Scott	Little	3670
237 Brydon	Mueller	\$.....

RESIDENCE
(236) PTN. LOT 16, Castro Valley
Orchards, Eden Township. Resi-
dence.

Owners—Mr. and Mrs. L. W. Scott,
2743 Garden, Oakland.
Architect—Geo. P. Simonds, 80 Main

St., Hayward.
Contractor—Frank C Little, 1960 B
St., Hayward.

Filed Oct. 16, '38. Dated Oct. 1, '38.
5th day after roof on \$915.00
5th day after brown plaster \$915.00
5th day after completion..... \$915.00
Usual 35 days \$925.00
TOTAL, \$3670.00

Limit 90 days. Plans and specifica-
tions filed.

RESIDENCE
(237) LOT 385, Berkeley View Ter-
race, Berkeley. Residence.

Owners—Mr. and Mrs. Percy H.
Brydon.
Contractor—Theodore Mueller, 698
Creston Road, Berkeley.

Filed Oct. 8, '38. Dated Sept. 15, '38.
Rough frame complete \$1151.40
Roof on \$1151.40
Brown Coated \$1151.40
Completion \$1151.40
Usual 35 days \$1151.40
TOTAL—Not given.

Limit 90 days. Plans and specifica-
tions filed.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

FLUES, \$80; E Richardson 41 North
Francisco; owner, Claire Stein-
man, premises; contractor, F.

Neumann, 6312 Mission St.
ALTER GARAGE, \$400; rear 96 La-
tona St.; owner, A. G. Robert-
son, premises.

ALTER dwelling, \$50; rear 247 Lobos
St.; owner, John J. Cluxton, rear
247 Lobos St.

ALTER garage, \$250; 565 Berry St.;
owner, E. J. Willig, premises.

ALTER dwelling, \$300; 551 40th Ave.
owner, L. H. Barker, prem.; con-
tractor, John J. Furness, 554 47th
Avenue.

FLUE, \$60; 418 Athens St.; owner,
J. Picioni, 381 21st Ave.; con-
tractor, Carver Niles Co., 1024
Clement St.

FLUE, \$12; 3410 California Street;
owner, John Cazenave, prem.

ALTER store, \$40; 381 Hayes St.;
owner, W. Wurm, 350 Gough St.

SIGN, electric, \$175; 1066 Valencia;
owner, Quality Hdwe. and Hob-
bycraft, 1066 Valencia St.; con-
tractor, Apex Elec. Co., 363 Fell.

SIGN, electric, \$200; 125 Mason St.;
owner, Armstrong U-Drive, 125
Mason St.; contractor, Wonder-
lite Neon Prod. Co., 170 Otis St.

FLUES, \$80; W 30th Ave. 100 N.
Santiago; owner, R. Riordan, 2279
30th Ave.

ALTER dwelling, \$189; 140 Third
Ave.; owner, U. Flott, premises;
contractor, S. F. Terrazzo Co.,
3730 3rd St.

FLUE \$15; 1431 20th St.; owner, Col-
letta, prem.; contractor, Carver
Niles Co., 1024 Clement St.

ALTER store, \$300; 348 Columbus
Ave.; owner, G. Dini & Sons,
679 Green St.; contractor, Rome
Carpenter Shop, 1659 Powell St.

ALTER dwelling, \$150; 141 Granville
Way; owner, C. A. Shepard, 141
Granville Way.

ALTER dwelling, \$75; 3830 25th St.;
owner, Mrs. Carraa, premises;
contractor, John Scarbosio, 790
Wisconsin St.

ALTER dwelling, \$550; 3338 21st St.;
owner, Francis J. Foster, prem.;
contractor, National Roofing and
Siding Co., 2172 Market St.

ALTER restaurant, \$150; SW Stein-
er and Chestnut; owner, G. Stan-
more, premises; contractor, T.
McDermand, 2173 Lombard St.

FLUE, \$95; 1865 Mission St.; owner,
Howard Lbr. Co., prem.; con-
tractor, S. J. Schindler, 815 Va-
lencia St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jells |
| 5.—Fleets | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Schools |
| 7.—Federal Buildings | 17.—Banks, Stores and Offices |
| 8.—Club Buildings | 18.—Theatres |
| 9.—Hospitals | 19.—Wharves & Docks |
| 10.—Hotels | 20.—Misc. Const. |
| | 21.—Misc. Supplies & * * * |

1—APARTMENTS

Bids Opened
APARTMENTS
SAN FRANCISCO. Francisco and Bret Harle.
 Three-story frame and stucco apartment building (one 3-rm., one 5-rm., and one 6-rm. apartments).
 Owner—Peter Harnden.
 Architect—Richard J. Neutra, 251 Kearny Street.
 Low Bidder—A. W. Perkins, 35 Fulton St., \$23,601.
 Complete bids follow:
 A. W. Perkins.....\$23,601
 Empire Construction Co.....23,586
 G. P. W. Jensen Co.....24,480
 Peter Sartorio.....24,800
 Fred K. DuPuy.....26,969
 Carlen Construction Co.....29,500

6—GARAGES & SERVICE STATIONS

Sub Contract Awarded
GARAGE. Cost, \$25,000
SAN FRANCISCO. N. Pine St., W. of Davis St.
 Two-story reinforced concrete garage building (57x858 ft.).
 Owner—J. D. & A. B. Spreckels Co., Architect—Harry A. Thomsen, Jr., (successor to Geo. W. Kelham, 315 Montgomery St., San Francisco).
 Contractor—Monson Bros., 475 Sixth St., San Francisco.
 Reinforcing Steel—W. C. Hauck & Co., 280 San Bruno Ave., S. F.

7—FEDERAL BUILDINGS

BIDS WANTED
HONOLULU, T. H.—Until October 25, bids are being received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for alterations to the 3rd floor of the U. S. P. O., at Honolulu. * * *

BIDS WANTED
ROSEBURG, Oregon.—Until Oct. 21, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for sawdust or hogged fuel burner for heating boiler at the U. S. P. O., at Roseburg. * * *

BIDS WANTED
SUSANVILLE, Lassen Co., Calif.—Bids are now being received by the Custodian of the Bldg., at Susanville, for bronze handrails at the U. S. P. O., at Susanville. * * *

BIDS OPENED
SAN DIEGO, Calif.—Chas. L. Hoskins, 1764 Kettner Blvd., San Diego,

at \$163,700 (Item 1) submitted low bid to Eleventh Naval District in San Diego, for construction of a fleet school building at the Naval Operating Base (Destroyer Base) San Diego, Spec. 8900.
 Recommendation made that contract be awarded Mr. Hoskins.
 Total bids follow:
 Chas. L. Hoskins, San Diego, \$163,700.
 Hunt and Curry, \$175,900.
 Campbell and Kelly, \$182,616.
 Joshua Marks-Charde Co., \$168,500.
 Weymouth Crowell Co., \$186,900.
 Pozzo Constr Co., \$187,441.
 L. A. Contracting Co., \$189,000.
 H. Mayson, \$193,930.
 Jas. I. Barnes Co., \$204,700. * * *

BIDS OPENED
SAN DIEGO, Calif.—B. O. Larsen, 1340 "E" St., San Diego, at \$254,000 (Item 1) submitted low bid to the Eleventh Naval District in San Diego, for construction of a combined mess hall-galley-barracks building at the Naval Operating Base (Destroyer Base), San Diego, Spec. 8920. Recommendation made that contract be awarded Mr. Larsen.
 Total bids follow:
 B. O. Larsen, San Diego, \$254,000.
 Chas. L. Hoskins, \$261,229.
 H. Hayason, \$272,950.
 Pozzo Constr Co., \$273,113.
 Campbell & Kelly, \$273,387.
 Marks-Charde Co., \$278,900.
 Weymouth Crowell, \$279,500.
 Johanson, Drake, \$284,371.
 James I Barnes Co., \$383,000. * * *

CONTRACT AWARDED
MARE ISLAND, Solano Co., Cal.—Ingersoll-Rand Co., 1627 K Street, N.W., Washington, D. C., at \$39,750 awarded contract by the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8907, for steam turbine of straight condensing type for direct connection to existing turbo air compressor, including accessories at the Navy Yard, Mare Island. * * *

BIDS WANTED
SALEM, Ore.—Until Nov. 1 bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for lawn sprinkler system, at the U.S.P.O. at Salem. * * *

BIDS WANTED
ONTARIO, Ore.—Until Nov. 3 bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for lawn sprinkler system at the U.S.P.O., Ontario. * * *

BIDS WANTED
SOUTH GATE, Los Angeles Co., Calif.—Bids are now being received by the Custodian of the building for new grille repairs, at U.S.P.O., at South Gate. * * *

BIDS WANTED
RENO, Nevada.—Until Nov. 1, bids are being received by Procurement Division, Public Buildings Branch, Washington, D. C., for sidewalk replacement at the U.S.P.O., at Reno. * * *

CONTRACT AWARDED
SAN DIEGO, Calif.—M. H. Golden, 531 Bank of America Bldg., San Di-

ego, at \$660,220 awarded contract by the 11th Naval District, Foot of Broadway, San Diego, for 5 two-story barracks bldgs. to be built at the Naval Operating base (Marine Corps Base), San Diego; Spec. 8909. * * *

Low Bidder
POSTOFFICE
CAMAS, Washington.
 United States Post Office.
 Owner—U. S. Government.
 Plans by Supervising Architect, Treasury Department, Washington, D. C.
 Low Bidder: Joseph A. Anderson, Portland, Oregon, \$53,333.

BIDS WANTED
SAN FRANCISCO, Calif.—Until November 4, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters, at the U. S. P. O., and Courthouse, at San Francisco. * * *

BIDS WANTED
SAN DIEGO, Cal.—Until Oct. 26, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for construction of concrete pier 750 feet long and 60 feet wide with tracks, mine and electric service lines at the Naval Operating Base (Destroyer Base), San Diego, Spec. 8940. Specifications may be obtained from the above or from Commandant, Naval Operating Base, San Diego, upon deposit of \$10 in check or postal money order payable to Chief of Bureau of Yards & Docks. Est. cost of structures, \$550,000. * * *

Contract Awarded
POSTOFFICE Cont. Pr., \$51,324
LOS BANOS, Merced, Calif.
 Construction of U. S. Post Office.
 Owner—U. S. Government.
 Plans prepared by Supervising Architect of the Treasury Department, Washington, D. C.
 Contractor—L. F. Dow Co., 245 Bundy Drive, L. A.

BIDS WANTED
SAN FRANCISCO.—Until Nov. 9, 10 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, Major F. D. Jones, San Francisco and vicinity, Fort Mason, Calif., for construction and completion of one bakers' and cooks' school and barracks at Presidio of San Francisco.
 Plans and specifications may be obtained upon deposit of \$15 certified check payable to Finance Officer, Fort Mason.
 Bids must be accompanied by bid bond in the amount of 10% of bid.

CONTRACT AWARDED
SAN DIEGO, Cal.—Fred F. Greenfield Co., 7210 S. Figueroa Street, Los Angeles, at \$287,467 awarded contract by the 11th Naval District, San Diego, under Spec. 8940 for construction of Aviation Facilities, at San Clemente Island, San Diego County.

BIDS REJECTED
NACO, Ariz.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids for the construction of an enclosed shelter at the U. S. Border Station, Naco.
 Plans will be revised and re-advertised. * * *

MATERIALS APPROVED

SANTA MONICA, L. A. Co. Calif.
—The Treasury Department has approved the following equipment award for construction of the U. S. P. O., at Santa Monica, James I. Barnes Construction Co., contractors:
Vacuum pump, Sterling Engrg Co. 7

MATERIALS APPROVED

PACIFIC GROVE, Monterey Co., Calif.—The Treasury Department has approved the following equipment and materials awards for construction of the U. S. P. O., at Pacific Grove, K. E. Parker Co., contractors:

Main switch, Bulldog Elec. Products Co.; gas pressure regulator for automatic gas valve, Reliance Regulator Corp. 7

BIDS WANTED

KETCHIKAN, Alaska—The Globe Wernick Co., Washington, D. C., at \$285 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C. for Jail metal counters at Ketchikan, and Courthouse at Ketchikan. Only other bid submitted by Peerless Steel Equipment Co., Baltimore, Md., at \$362. 7

Sub-Contracts Awarded

POST OFFICE Cont. Pr., \$58,988
MANTECA, San Joaquin Co., Calif.
Construction of U. S. Post Office.
Owner—United States Government.
Plans prepared by Supervising Architect of the Treasury Department
Washington, D. C.
Contractor—Robert McCarthy, 1363 4th Ave., San Francisco.
Plumbing—F. W. Spencer and Son, 2529 Anza St., San Francisco.
Electric Wiring—E. J. Doherty Co., 1725 Church St., San Francisco.
Heating—Frank Edwards, 2401 Ninth St., Oakland.
Sheet Metal—Morrison and Co., 76 Duboce Ave., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Hardwood Floors—Nowlin Hardwood Floor Co., 1237 Evelyn Ave., Berkeley.
Iron—Herrick Iron W'ks, 1729 Campbell St., Oakland.
Brick & Stone Work—Western Artificial Stone Works, 666 Brannan St., San Francisco.
Hardware—Sargent & Co., New Haven, Conn. 7

COMPLETE BIDS

MARE ISLAND, Solano Co., Cal.—As previously reported, Ingersoll-Rand Co., 1627 K St., N. W., Washington, D. C., at \$39,750 submitted low bid to the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8907, for steam turbine of straight condensing type for direct connection to existing turbo air compressor, including accessories at the Navy Yard Mare Island.
Complete bids follow:
Ingersoll-Rand Co., Washington, D. C. \$39,750
Worthing Pump & Mch'y. Co., Washington, D. C. 41,660
Allis-Chalmers Co., Milwaukee, Wis. 42,000
De Laval Steam Turbine Co., Trenton, N. J. 42,865 7

BIDS WANTED

GOVERNMENT ISLAND Calif.—Until October 18, 10 A. M., bids will be received by the Contracting Officer, Commander W. G. Bloom, U. S. Coast Guard Base No. 11, Maritime Service Training Station, Government Island, Oakland, for miscellaneous sheet metal work and mill

work in Unit 18, Government Island. Specifications obtainable from the Contracting Officer.

Plans Completed

P. O. AND FEDERAL BLDG.
FRESNO, Fresno Co., Calif. N. Ture are bet. N and M Streets. Three-story and basement post office and federal building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Bids will probably be asked early in November. 7

BIDS WANTED

FORT CLAYTON, C. Z.—Until November 23, bids will be received at the office of the Construction Quartermaster, Whitehall, N. Y. C., office of the Construction Quartermaster, Fort Mason, San Francisco, Calif., and at the office of the Constructing Quartermaster, Albrook Field, Panama Canal Dept. for construction of five barracks buildings, at Fort Clayton, Canal Zone. Est. cost \$815,250. 7

BIDS WANTED

HICKAM FIELD, T. H.—As previously reported, until October 21, 1:30 P. M. (P.S.T.) at the office of the Constructing Quartermaster, Ft. Mason, Calif., and Oct. 21, 11 A. M. (H.S.T.) at the office of the Constructing Quartermaster, Fort Shafter, Hawaii, bids will be received by the War Department, for construction of the Fire Station and Guardhouse at Hickam Field, T. H. Estimated cost, \$60,000.

Plans and specifications may be obtained at the office of the Constructing Quartermaster, Ft. Mason, upon deposit of certified check in the amount of \$10, payable to the Finance Officer, Fort Mason. 7

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Bids are now being received by the Custodian of the building, for heating repairs and plumbing at the U. S. P. O., at Eureka. 7

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-105, for (1) 1 electric disc sander complete with all necessary equipment and (2) 6 grinding wheels; f.o.b. U. S. Engineer storehouse, foot of Marina Blvd., S. F.

Bids were:

Miller and Stern, (1) \$87.40, (2) \$72.00 each, 2% 30 days.
Ducommun Metal and Supply Co., (1) \$80. (Alt. \$81.08), (2) \$72.22, 2% 30 days.
DeWalt Elec. Saw Co., (1) \$80, 2% 30 days.
Gilmore Steel Supply Co., (1) \$77.92, (2) \$74, 2% 30 days.
C. W. Marvedel, (1) \$63.75, (2) \$46.1, 2% 30 days.
Harron Rickard and McCone Co., (1) \$80, 2% 30 days. 7

BIDS OPENED

SALEM, Oregon.—R. A. Neuman, McMinnville, Ore., at \$2,176 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster at the U. S. P. O., at Salem.

Other bids were:

Henry L. Grohne, Decatur, Ill., \$2,630.00
V. M. Phillips, Inc., Portland, Ore., \$2,786.00
W. W. Wells & Co., Salem, Ore., \$5,000.00. 7

BIDS OPENED

GOVERNMENT ISLAND, Alameda Co., Calif.—Scott Co., Inc., 243 Minna St., San Francisco, at \$2,534 submitted low bid to the Contracting Officer, Maritime Service Station, Government Island, for furnishing material and installing plumbing and miscellaneous changes at United States Coast Guard Base 11, Maritime Service Training Station, Government Island, Oakland.

Complete bids follow:

Scott Co., Inc. \$2,534
F. W. Spencer & Son \$2,570
M. Vesiano \$4,160

LOW BIDDERS

SAN DIEGO, Cal.—Fred F. Green-Angels, at \$387,467 submitted low field Co., 7310 S. Figueroa St., Los Angeles, at \$387,467; (2) \$86,098.

The three low bids follow:

Fred F. Greenfield, Los Angeles, (1) \$387,467; (2) \$86,098.
L. A. Contracting Co., Los Angeles, (1) \$302,300; (2) \$213,000.
Wm. P. Neil Co., (1) \$130,000; (2) \$272,435. 7

8— CLUB BUILDINGS

Sub-Contracts Awarded
ELKS HALL, Est. Cost, \$25,000
OROVILLE, Butte Co., Calif. 1415 Myers Street.

Alterations and additions to Sander Bidg. to accommodate new Elks Hall (widening of building 10 ft., addition of second floor, complete remodeling).

Owner—Oroville Elks Hall Association, W. T. Baldwin, President. Architect—Marshall A. Dean, 2104 Addison St., Berkeley.
Contractor—Milo Strand, Box 93, Oroville.

Roofing—A. E. Treichler, 2111 Meyers Street.

Plumbing—J. C. Meyers, P. O. Box 8. Electrical Wiring—Warmack Elec. Store, 1933 Bird St.

Heating and Sheet Metal—Oroville Sheet Metal Works.

Iron & Grill Work—H. A. McDonald, 1340 Oliver St.

Lumber—The Diamond Match Company, Chico.

Painting—Hobert Inman, 1453 Linden Avenue.

Elevator—Vincent Whitney Co., 130 10th St., San Francisco.

All of Oroville, unless otherwise noted.

Preparing Working Drawings
CLUBHOUSE, Est. cost, \$30,000
OAKLAND, Ala. Co., Calif., Lake Chabot Municipal Golf Course.

Golf Clubhouse of Spanish style. Owner—City of Oakland, Recreation Dept.

Architect—Earl R. MacDonald, 1710 Franklin St.

9— HOSPITALS**BIDS WANTED**

PASADENA, Los Angeles Co., Cal.—Until November 15, 12 Noon, bids will be received by Architects Myron Hunt and H. D. Chambers, 200 North Grand Ave., Pasadena, for the four-story reinforced concrete main hospital building to be built on the site of the Huntington Memorial Hospital (formerly the Pasadena Hospital) on Congress St., Pasadena.

Bids are being taken from a closed list of contractors. General contract does not include painting, linoleum, elevator, electric wiring, heating, ventilating, air conditioning, plumbing, sewer building, metal cabinets, sterilizers, Venetian blinds, light fix-

tures, pharmacy or soda fountain. Bids for these trades will be taken by the architects in about ten days. 9

Completing Working Drawings
HOSPITAL ADDN. Cost, \$.....
RICHMOND. Contra. Costa Co., Cal. Two-story reinforced concrete addition to hospital (50x70-ft.)
 Owner—Richmond Cottage Hospital. Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Preparing Working Drawings
ALTERATIONS Cost, \$.....
SAN FRANCISCO. 353 Geary Street. Kitchen and dining room alterations at the Stewart Hotel.
 Owner—Stewart Hotel, c/o Architect Architect—Hertzka & Knowles, 563 Pine Street.

Bids Wanted—To Close October 19, 10:30 A. M.
HOSPITAL Cost, \$79,710
WEIMAR, Placer Co., Calif. Two-story addition to sanitarium.
 Owner—Weimar Joint Sanatorium, Hospital Central Committee, C. Gelsendorfer, Secy.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable. Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid payable to the order of the architect and will be opened in the Supervisors' Room at the Sacramento County Court House.

FUNDS ALLOTTED
SAN FRANCISCO.—Federal Public Works Administration allotted grant of \$1,027,562, which funds, together with bonds voted last November in the amount of \$1,255,908, will finance a hospital construction program as follows:

Additions and alterations at Laguna Honda Home, cost \$1,017,016.
 Additional facilities and modernization at San Francisco Hospital, cost \$426,872.
 Alterations and additions at Hassler Health Farm, San Mateo County, cost \$590,478.
 Additional funds of \$249,104 will cover preliminary costs, and will be spread among all three projects.

Completing Preliminary Plans
HOSPITAL. Cost, \$12,000
TRACY, San Joaquin Co., Calif. One-story frame hospital to contain five two-bed wards; general surgery; X-ray room; laboratory; nursery; kitchen and dining room; administration, storage & utilities rooms.
 Owner—Dr. J. S. Doughty & Associates.
 Architect—Russell G. deLappe, 1901 Downey Ave., Modesto. 9

**13— PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

CONTRACT AWARDED
SAN FRANCISCO.—American Bldg. Maintenance Co., 467 O'Farrell St., San Francisco, at \$3,433 awarded contract by the Public Utilities Commission, City Hall, under Municipal Railroad Contract No. 177, for repainting and painting Eureka Station, Forest Hill Station, and Geary St., Car House.

Bids Wanted — To Close November 9, 2 P. M.
STATE OFFICE BLDG. No. 3
SACRAMENTO, Sacto. Co., Calif., M St., bet. 10th & 11th Sts.

Erection and completion of five-story and basement reinforced concrete State Office Bldg No. 3, covering a ground area of approx. 150 ft. 0 in. by 315 ft. 0 in., to contain its own heating and air conditioning system. Pile foundations, pile caps and rough concrete basement slab have been installed under separate contracts.

Owner—State of California. Architect—Geo. E. McDougall, State Architect, Public Works Building 12 and N Sts., Sacto.

Separate bids only will be entertained for the following segregated parts of the work (1) general work, (2) electric work, (3) plumbing work, (4) heating and air conditioning work (5) elevators.

Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacto., upon deposit of \$50, for general plans and \$25 for other segregations.

Bids must be accompanied by cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bid.

ADDITION. Cont. Pr. \$27,897
MARYSVILLE, Yuba Co., Calif. SE Corner Sixth and D Streets.

Additions and alterations to Hall of Records, County Clerk's office, and Jail building.
 Owner — County of Yuba, (W. M. Strief, County Clerk).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

Contractor—C. A. Otto, 1029 H Street, Marysville.

Bids Wanted—To Close October 25, 10 A. M.
GRANDSTAND BLDG.

FRESNO, Fresno Co., Calif. Fresno County Fairgrounds.
 Construction of a grandstand building.

Owner—City of Fresno (E. Dusenberry, Clerk).

Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids will be opened in the Supervisors' offices in the Courthouse at Fresno. (469) 1st report Aug. 24, 1938. 13

SUB-CONTRACTS AWARDED

SPADRA, Los Angeles Co., Calif.—John Strona, 111 W 7th St., Los Angeles, reports sub-contracts for Unit 15 and two custodial buildings for the State of California he has under construction at Pacific Colony, Spadra, as follows:

Reinforcing Steel—Blue Diamond Co.
 Sheet Metal—Jones-Peterson Co.
 Painting—Wm. Gelfan.
 Steel Sash—Michel and Pfeffer Iron Works.

Plastering—Tar Teter.
 Waterproofing—Angelus Waterproofing & Paint Co. 13

Completing Plans
COURT HOUSE ADDITION

Cost, \$166,064
SANTA CRUZ, Santa Cruz Co., Cal. Front and Cooper Streets.

Second unit of county court house.

Owner—County of Santa Cruz. Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.

Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Application filed for PWA grant of \$74,28. Balance of funds on hand.

Construction Underway
EXHIBIT BLDG. Cost, \$25,000
YERBA BUENA SHOALS. Site of

the 1939 World's Fair. Two-story exhibit building of Malay architecture.

Owner—Sultan of the Malay State of Johore.

Supervising Architect—Leo Sharps, 1319 Howard Ave., Burlingame. Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Contract Awarded
EXHIBIT BLDG. Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of exhibit building. Owner—United States Steel Corp., New York City.

Architect—Walter D. Teague, New York City.

Contractor—Lindgren and Swinerton Inc., 615 Standard Oil Bldg., San Francisco.

Contract Awarded
PLUMBING Cont. Price \$1,931

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Plumbing for Fine Arts Building; Contract No. 118-2.

Owner—S. F. Bay Exposition Co., Inc., (L. W. Cutler, Pres.), 555 Bush St., S. F.

Plans by the S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—James A. Nelson, Inc., 1375 Howard St., S. F.

Contract Awarded
SHEET METAL WORK

Cont. Price \$1,145

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Sheet Metal Work, Fountain in No. Square Court; Contract No. 213.

Owner—S. F. Bay Exposition Co., Inc., (L. W. Cutler, Pres.), 555 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—Fire Protection Products Company, 1101 16th Street, San Francisco.

Sub Contracts Awarded
EXHIBIT BLDG. Cont. Pr. \$36,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Hawaii Exhibit Building, to include a theater, large reception room and exhibit hall.

Owner—Hawaiian Territorial Fair Committee, (Sherwood M. Lawrence, Chairman).

Architect—American Institute of Architects in Hawaii, (Claude A. Stiehl, Architect; Lewis P. Hobart, Supervising Architect, San Francisco).

Contractor—Lindgren & Swinerton 225 Bush St., San Francisco.

Lathing & Plastering—Wm. G. & A. Gilmour, 666 Mission St.

Electrical—Chas. A. Langlais, 472 Tehama St.

Painting—D. Zelinsky & Sons Inc., 165 Grove St.

Glass—W. P. Fuller & Co., 301 Mission St.

Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant Sts.

Plumbing—Higgins and Kraus, 741 Tehama St.

Sheet Metal—Gullifoy Cornice Works, 1234 Howard St.

Heating—E. Sugarman, 3624 Geary Street.

Lumber—Christensen Lumber Co., Quint and Evans Sts.

Prest Wood—Western Asbestos Co., 675 Townsend St.

Hardware—Palace Hardware Co., 581 Market St.

Ornamental Iron—Star Ornamental Iron Works, 227 Bay St.

All of San Francisco.

Bids Opened**CITY HALL**

YUBA CITY, Sutter Co., Calif.

City Hall Bldg., containing administration offices, meeting chambers, police and fire department.

Owner—City of Yuba City.

Architect—Starks & Flinders, Bank of America Bldg., Sacramento.

Low bidder—Azevedo Const. Co., 5th and V Sts., Sacramento, \$38,421. Recommendation made to PWA that contract be awarded the low bidder.

Complete bids follow:

Azevedo Const. Co., Sacto., \$38,421.
 M. R. Petersen, Sacto., \$35,859.
 Moore & Roberts, S. F., \$39,000.
 Chas. F. Unger, Sacto., \$39,400.
 Holdener Const. Co., Sacto., \$41,650.

Low Bidder**FIREHOUSE**

CORNING, Tehama Co., Calif.

Two-story concrete firehouse.

Owner—City of Corning.

Architect—Masten & Hurd, 442 Post St., San Francisco.

Low Bidder—Henry Flinnigan, 1714 16th St., Sacramento, \$17,600.

CONTRACTS AWARDED**YERBA BUENA SHOALS.**

James A. Nelson, Inc., 1375 Howard Street, at \$11,380 for plumbing, heating and ventilating work and G. H. Armstrong, 1388 Van Ness So., S. F., at \$10,898 for electric wiring awarded contracts by the Dept. of Public Works, City Hall, S. F., for interior work of the San Francisco Building on Yerba Buena Shoals.

Contracts Awarded**ADDITIONS**
LOS ANGELES, Calif. State Office Building.

Additions to building and grounds improvements consisting of re-modelling the remaining portions of the old Times Bldg., the demolition and removal of certain sidewalks, curbs and other work, the construction of new main entrance stairway from First St. to the State Office Building; also sidewalks and curbs.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

General Work

J. S. Metzger & Son, 403 S. Spring St., Los Angeles, \$120,000.

Electrical Wiring

Moore Electric Co., 321 W Third St., Los Angeles, \$1,400.

Plumbing Work

Johnston & Washer, 1319 S. Los Angeles St., Los Angeles, \$4,387.

Heating and Ventilating

C. T. Newman Heating & Ventilating Co., 2729 Hooper Ave., Los Angeles, \$4,766.

Bids Wanted—To Close October 20, 8 P. M.

CIVIC BLDGS. Est. Cost, \$44,200**KING CITY**, Monterey Co., Calif.

Construction of reinforced concrete library building and city hall to be central unit of eventual group to include firehouse and jail.

Owner—City of King City.

Architect—Robt. Stanton, Del Monte Hotel, Del Monte.

Plans and specifications may be obtained from the City Clerk, Edna B. Mansfield, City Hall, King City, upon deposit of \$50, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid payable to the City of King, and will be opened in the council chambers of the city hall.

PWA grant, together with bonds recently voted will finance construction.

BIDS WANTED**SAN LEANDRO**, Alameda Co., Cal.

—Until October 24, 5 P. M., separate bids will be received by the City of San Leandro, E. F. Hutchings, City Clerk, for the installation of rough and finish plumbing, the installation of a heating plant and appurtenances, and the installation of the electrical work, rough and finish together with the installation of conduit and race-ways for the telephonic communication system, in the City Hall project, San Leandro.

Plans and specifications may be obtained from the City Clerk, 1120 E. 14th St., San Leandro, upon deposit of \$20 per set, \$15 returnable.

Bids will be opened at 8 P. M., Oct. 24, in the Council Chambers, City Hall, San Leandro.

Plans by Architect Irwin M. Johnson, Oakland.

Preparing Working Drawings**CIVIC AUDITORIUM**

Estimated Cost, \$250,000

SANTA CRUZ, Santa Cruz Co., Cal.

SW cor. of Center and Church.

Two-story early California style auditorium building approx. 100 by 160 ft., seating 1410 on the main floor with balcony to seat 600; stage, dressing rooms, committee rooms.

Owner—City of Santa Cruz.

Architect—Mark Daniels, 101 Post St., San Francisco.

The City of Santa Cruz recently voted bonds in the amount of \$140,000, which proceeds, together with PWA grant of \$114,54, will finance construction.

Bids Wanted — To Close October 24, 10 A. M.

HALL OF RECORDS

Est. Cost, \$138,300

MODESTO, Stanislaus County, Calif.

Present courthouse site.

Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories and one wing of 1-story; continuous windows standing between columns; water cooled roof; interior demountable partitions. Building designed for future expansion and will house county departments and hall for board of supervisors.

Owner—County of Stanislaus.

Architect—Russell G. deLappe, 1901 Downey Ave., Modesto.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the office of the county clerk, Courthouse, Modesto, upon deposit of \$100.

Bids Wanted — To Close October 24, 3 P. M.

CITY HALL**BELLINGHAM**, Washington.

Construction of new City Hall Bldg.

Owner—City of Bellingham, Harry A. Binzer, Comptroller.

Architect—Leonard W. Bindon, Medical Bldg., Bellingham.

Plans and specifications may be obtained from the office of the architect upon deposit of \$30.

Separate bids will be received for general work, mechanical work and electrical work.

Bids must be accompanied by certified check, cashier's check or bid bond for 5% of bid.

Bids Wanted — To Close October 24, 3 P. M.

PALACE & FIRE HOUSE**YERBA BUENA SHOALS.** Site of the 1930 World's Fair.

Palace of Fine Arts and Fire House No. 1; Contract No. 118-1.

Owner—S. F. Bay Exposition Co., Inc., (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by the S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Plans and specifications obtainable from the above office, Room 222,

upon deposit of \$20.

13 BIDS WANTED**YERBA BUENA SHOALS.**

—Until October 23, 2 P. M. bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bld., 660 Market St., San Francisco and publicly opened and read in Room 415 of said building, for general construction of the Dairy Products Bldg., on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Sub Contracts Awarded**DORMITORY UNITS**

Cont. Price, \$27,400

SAN LUIS OBISPO, Calif., California Polytechnic School.

Erection and completion of Six Dormitory Units, consisting of six one-story wood frame buildings, covered on exterior with wood siding on walls and composition shingles on roof. Interior walls and ceilings are plastered. Windows and doors are of wood.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacto.

Contractor—O. R. Ochs, 791 Church St., San Luis Obispo.

Roofing—Vincent Roof Service.

Sheet Metal—McBride Sheet Metal Works, 1230 Osos St.

Lumber—Pacific Coast Coal Co., 271 Higuera St.

Mill Work—San Luis Mill & Lumber Co., 246 Higuera St.

Painting—H. M. Orvis, 1034 Peach Street.

Lathing & Plastering—D. N. Hodgson, 1206 Peach St.

All of San Luis Obispo.

(425) 1st rep. Aug. 17; 3rd, Sept. 14, 1938.

14— RESIDENCE**Construction Underway****RESIDENCE** Cost, \$.....**ATHERTON OAKS**, San Mateo Co.

California Ranchhouse (9 rooms, 3 baths), brick veneer exterior, steel sash, hardwood floors, tile roof air conditioning heating system, etc.

Owner—Withheld.

Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contractor—Emil G. Steinegger, 302 Myrtle St., Redwood City.

Revising Plans**RESIDENCE** Cost, \$.....**SAN FRANCISCO.**

One-story frame and stucco residence (6 rms., 2 baths), gas fired warm air furnace, wood sash, tile baths, brick steps, etc.

Owner—Mrs. Margaret Robke, Piedmont.

Architect—Walter C. Clifford, 310 Locust Street.

Plans are being revised and will be re-figured at a later date.

Plans Being Figured
RESIDENCE Cost, \$.....
 BERKELEY, Ala., Co., Calif. Thousand Oaks.
 Two - story frame and stucco residence (8 rooms, 3 baths) hardwood floors, steel sash, hot air heating system, tile roof, etc.
 Owner—Withheld.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
 Plans are being figured by a selected list of contractors. No definite bid opening date set.

Preparing Working Drawings
RESIDENCE Cost, \$.....
 SAN FRANCISCO. Telegraph Hill.
 Three-story frame and stucco residence (9 rooms, 4 baths), steel sash, etc.
 Owner—Withheld.
 Architect—Richard J. Neutra, 251 Kearny Street.

Completing Working Drawings
RESIDENCE Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 Two-story Colonial type residence (10 rooms) shingle roof, gas fired hot water heating system, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Work Underway
RESIDENCE Cost, \$.....
 SANTA ROSA, Sonoma Co., Calif.
 One - story frame and stucco residence (6 rooms) hardwood floors tile bath, etc.
 Owner—Mrs. Devoy, c/o Architect.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
 Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

Completing Working Drawings
RESIDENCE Cost, \$.....
 HILLSBOROUGH, San Mateo Co.
 Two - story frame and shingle residence (9 rooms) gas fired, forced hot air heating, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Bids In—Held Under Advertisment
RESIDENCE Cost, \$.....
 BURLINGAME, San Mateo Co., Cal.
 Two-story duplex frame residence.
 Owner—G. M. Flaherty, c/o Architect.
 Architect—Harold G. Stoner, 251 Kearny St., San Francisco.
 Announcement shortly.

Bids In—Held Under Advertisment
RESIDENCE Cost, \$.....
 SAN FRANCISCO. Divisadero St.
 Two-story frame and stucco residence (hardwood floors, tile baths etc.)
 Owner—Withheld.
 Architect—Harold G. Stoner, 251 Kearny Street.
 Announcement shortly.

Plans Completed
RESIDENCE
 OAKLAND, Ala. Co., Calif., 3rd Ave. and East 8th St.
 One-story frame residence; hardwood floors, tile bath, etc.
 Owner—Withheld.
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.
 Contractor—Robert Bartlett, Oakland.

Construction Underway
RESIDENCE Cost, \$5,000
 SANTA ROSA, Sonoma Co., Calif.
 One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, etc.
 Owner—A. L. Le Baron, c/o Archi-

tect.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
 Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Completing Plans October 10, 1938
RESIDENCE Est. cost, \$4500
 OAKLAND, Ala. Co., Calif.
 One-story rustic residence.
 Owner—Withheld.
 Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Contract Awarded
RESIDENCE Cont. Pr., \$22,085
 STOCKTON, San Joaquin Co., Calif.
 Two-story brick veneer residence (10 rooms, 3 baths), shingle roof, gas heating system, etc.
 Owner—D. Langley Collis, Medico Bldg., Stockton.
 Architect—J. U. Cloudsley, Exchange Bldg., Stockton.
 Contractor—W. E. Wheeler, 244 E. Pine St., Stockton.

15— SCHOOLS

CONTRACT AWARDED
 PARKER Ariz.—Bobo & Springfield, Box 3602, Phoenix, awarded contract by Parker school board, at approx. \$47,000, for addition of a combination gym and auditorium, 4 classrooms and a new heating system to the present elementary school in Parker. Orville A. Bell, architect, 310 Heard Bldg., Phoenix. 15

Contract Awarded
 Cont. Price, \$70,494
JUNIOR COLLEGE ADDITION
 AUBURN, Placer Co., Calif.
 One-story classroom and administration building addition at Placer Junior College at Auburn.
 Owner—Placer Union High School & Junior College Districts.
 Architects—Masten & Hurd, 442 Post St., San Francisco.
 Contractor—Lawrence Const. Co., 5372 Ninth Ave., Sacramento.

Prospective Bidders
SCHOOL Est. Cost, \$227,000
 GRASS VALLEY, Nevada Co., Cal.
 High school building to contain five classrooms and gymnasium; reinforced concrete construction.
 Owner—Grass Valley Union High School District. L. Prisk, Clerk.
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 The Grass Valley Union High Sch. District voted bonds recently in the amount of \$125,000.

Plans and specification obtainable from the architect's office upon deposit of \$25.
 As previously reported, bids will be opened October 24, 7:30 P. M. at the high school.

Following have taken out plans:
 Chas. F. Unger, 2426 7th Ave., Sacramento.
 Lindgren & Swinerton, Inc., 722 K St., Sacramento.
 H. W. Robertson, 3004 F St., Sacramento.
 Holdener Const. Co., 2608 R St., Sacramento.
 Azavedo Const. Co., 50th and V Sts., Sacramento.
 Moore & Roberts, 693 Mission St., San Francisco.
 Taber & Higgins, P. O. Box 708, Oroville.
 P. T. Wallstrum, 854 Main Street, Watsonville.

Contract Awarded
CHEMISTRY BLDG.
 Cont. Price, \$213,665
 CORVALLIS, Oregon.
 Three-story and basement chemistry building.

Owner—Oregon State Board of Higher Education, Charles D. Byrne, Secretary, Oregon Bldg., Portland
 Contractor—Dougan-Hammond Construction, Rothschild Bldg., Portland.

Chervenak and Reverman, LaGrande, at \$22,298 awarded contract for plumbing and heating.

Prospective Bidders.
AUDITORIUM Est. Cost, \$33,100
 SANTA ROSA, Sonoma Co., Calif.
 Fremont Grammar School.
 One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).
 Owner—City of Santa Rosa School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Plans and specifications may be obtained at the architect's office upon deposit of \$15, returnable.
 As previously reported, bids will be received until October 21, 8 P. M., and opened at 8:30 P. M., of that date in the office of the City Superintendent of Schools.

Following have taken out plans:
 Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
 Wm. A. Rapp, 517-A 4th St., Santa Rosa.
 N. H. Sjoberg & Son, 5604 E 16th St., Oakland.
 Nielsen & Erbentraut, 201 South Market St., San Jose.
 L. C. Dunn, Inc., 424 Monadnock Bldg., San Francisco.
 Empire Construction Co. Ltd., Russ Bldg., San Francisco.

BIDS WANTED
TUCSON, Ariz.—Until October 18, 11:30 A. M., bids will be received by School District No. 1, Pima County, Ariz., for construction of El Rio grammar school in Tucson. Plans and specifications obtainable from Architect James Macmillan, 537 E. 3rd St., Tucson, upon deposit of \$15. Certified check for 5% required. Separate bids will be taken on the general work, electrical work and plumbing and heating. 15

BIDS WANTED
SAN MARINO, L. A. Co., Calif.—Until October 28, 8 P. M., bids will be received by San Marino Elementary School Dist., for a 1-story addition to the Henry E. Huntington school, San Marino. Estimated cost \$50,000. Plans available from Marsh, Smith & Powell, architects, 516 Architects' Bldg., L. A., upon deposit of \$20; guaranty of 5% to accompany bid.

Contract Awarded
SCHOOL Cont. Price \$150,110
 NILES, Alameda Co., Calif. Second and School Streets.
 One-story school building to contain ten classrooms, toilet rooms, library, administration office, and auditorium to seat about 400.
 Owner—Niles School District.
 Architect—John J. Donovan, 950 Parker Street, Berkeley.
 Contractor—Peter Sartorio, 369 Pine Street, San Francisco.

Preparing Preliminary Plans
SCHOOL ADDN. Cost, \$50,000
 LAFAYETTE, Contra Costa Co., Cal.
 One - story frame and stucco addition to grammar school.
 Owner—Lafayette Grammar School District.
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.

The school district will vote in the near future on a proposal to issue bonds, which proceeds, together with expected PWA grant, will finance construction.

Sub-Contracts Awarded

SCHOOL Cont. Pr., \$96,300
BERKELEY, Alameda Co., Cal. NE
 Milvia and Virginia Streets.

Second unit of Whittier Elementary School addition, consisting of 2-story reinforced concrete bldg. Owner—Berkeley Unified School District (Clara E. Andrews, Secy.), 225 Milvia St., Berkeley.

Architects—P. L. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Alston Way, Oakland.

Structural Engineer—W. Adlan, 417 Market St., San Francisco.

Contractor—K. E. Parker Co., 135 So. Park, San Francisco.

Structural Steel—Moore Dry Dock Co., foot of Adeline St., Oakland.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Toilet Partitions—Dwan & Co., 126 Post St., San Francisco.

Fire Protection Equip.—Grinnell Co., 5th and Brannan Sts., San Francisco.

Glass, Glazing and Kalomine Doors—Gleason and Richardson, 1570 63rd St., Emeryville.

Blackboards—Munthe Equipment Co., 841 Howard St., San Francisco.

Linoleum and Mastipave—Linoleum Studio, 2615 Telegraph Avenue, Oakland.

Lathing and Plastering—Fatta & Rinaldi, 2247 Filbert St., San Francisco.

Roofing—Bay Cities Asbestos Co., Ltd., 5th Ave. and 12th St., Oakland.

Plumbing—D. W. Durant, 1012 Webster St., Oakland.

Metal Reinforcement—W. C. Hauck & Co., 280 San Bruno Ave., San Francisco.

Sheet Metal—George Goodman Sheet Metal Works, 1075 40th Street, Oakland.

Painting—J. J. Burdon, 3817 Forest Hill, Oakland.

Electric Wiring—Kerr & Clifford, 4019 Foothill Blvd., Oakland.

Heating—Pacific Heating & Ventilating Co., 2059 Webster Street, Oakland.

Bids Wanted—To Close October 18, 9 P. M.

SCHOOL ADDN. Cost, \$60,000
SACRAMENTO, Calif.

Construction of a classroom addition at Crocker Elementary School.

Owner—Sacramento City Unified Sch. District (Chas. C. Hughes, Secy.)

Architect—Starks & Flanders, Bank of America Bldg., Sacramento. Plans and specifications obtainable from the architect's office upon deposit of \$20.00.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the Administration Building of the Board of Education, 21st and L Sts., Sacramento.

Contract Awarded
SCHOOL BLDGS. Cont. Pr., \$8,087
FRESNO, Fresno Co., Calif. Lowell School.

One temporary classroom unit and double classroom unit of frame construction.

Owner—Fresno City Board of Education.

Architect—Fred I. Swartz, Brick Bldg., Fresno.

Contractor—Midstate Const. Co., Pacific Southwest Bldg., Fresno.

Complete bids follow:
 Midstate Construction Co..... \$8,087
 W. J. Ochs, Inc..... 8,097
 Harris Construction Co..... 8,645
 Erlison & House..... 8,440
 R. E. Jolly..... 9,300

Sub-Contracts Awarded

GYM. ETC. Cont. Price, \$30,000
SHANDON, San Luis Obispo Co., Cal.

Construction of (A) gymnasium, and (B) farm shop building, Shandon Union High School (1-story frame construction).

Owner—Shandon Union High School District (W. H. Offerman, Clerk) Shandon.

Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.

Contractor—F. C. Stolte Co., 203 Pine Street, Pacific Grove.

Roofing—C. L. Frost, 165 Webster St., Monterey.

Plumbing, Heating and Sheet Metal—Smees' Pblg. & Htg. Co., 717 Higuera St., San Luis Obispo.

Glass—Thos. H. French, 131 Light-house Ave., Monterey.

Mill Work—S. P. Milling Co., San Luis Obispo.

Bids Opened.

ADDITIONS & ALTERATIONS.....
GRASS VALLEY, Nevada Co., Calif. Construction of Unit No. 1: Additions and alterations to school building.

Owner—Grass Valley High School District (L. Prisk, Clerk).

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Low Bidder—Paul Jenks, Rt.2, Grass Valley, \$1,665.

Recommendation made that contract be awarded the low bidder.

Only other bid submitted by H. W. Robertson, Sacramento at \$2,621.

Sub Contracts Awarded

ADDITION Cont. Pr., \$49,913
MOUNTAIN VIEW, Santa Clara Co., Calif.

Library, class room unit at High School.

Owner—Mountain View Union High School District.

Architect—Clark & Clark, 310 University Ave., Palo Alto.

Contractor—Moore & Roberts, 693 Mission St., S. F.

Plastering—James Patt, 33 Day St., San Francisco.

Misc. & Ornamental Iron—L. Schaffer & Co., 366 10th St., S. F.

Plumbing & Heating—Harry Lee, 220 California Drive, Burlingame.

Mill Work—Minton Lumber Co., Mt. View.

Electric Work—Guilbert Bros. Elec. Co., 286 W. Santa Clara Street, San Jose.

Steel Sash—Soule Steel Co., 1750 Army St., S. F.

BIDS WANTED

PHOENIX, Ariz.—Until October 20 bids will be received by the Phoenix Board of Education for the first unit of the new junior college plant to be built in the area bounded by 10th and 15th Avenues, and Thomas Road and the Encanto golf course. The first unit will be a two-story structure containing auditorium, library and administration unit. H. H. Green, architect, Professional Bldg., Phoenix. 15

Bids Opened

SCHOOL
GONZALES, Monterey Co., Calif. Frame addition to high school to contain science classroom and girls' locker and shower room.

Owner—Gonzales Union High School District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Low Bidder—Harold Geyer, 574 Main St., Monterey, \$24,892.

Total bids follow:
 Harold Geyer, Monterey, \$24,892.00
 Albert Staton, Salinas, \$26,495.00
 R. Pedersen, Fresno, \$27,362.00
 Webster Jeffers, San Francisco,

\$31,450.00

Recommendation made to PWA the award be made to low bidder.

Bids Wanted—To Close October 22.
DEMOLISH BLDG. Cost, \$.....
IRVINGTON, Alameda Co., Calif.

Demolish portion of present Irvington School preparatory to construction of new one-story grammar school building to contain seven classrooms, gym-auditorium, etc.

Owner—Irvington Elementary School District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.

Bids are now being received for demolition of portion of the school only. Bonds were voted Sept. 27 in the amount of \$42,000, which proceeds together with PWA grant, will finance construction of the new school building, estimated at \$76,364.

Contract Awarded
SCHOOL BUILDING

Cont. Pr., \$46,142
SALINAS, Monterey Co., Calif.

Construction of Agricultural building for high school.

Owner—Salinas Union High School District.

Architect—Charles E. Butner, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—Sam Trondhjem, 50 Gell St., Salinas.

Preparing Plans
SCHOOL ADDITION. Cost, \$20,000

ANTIOCH, Contra Costa Co., Calif. Addition of two classrooms at the grammar school.

Owner—Antioch-Live Oak Unified School District.

Architect—Harold H. Weeka 593 Market St., S. F.

The school district voted bonds recently in the amount of \$100,000 which proceeds together with expected PWA grant of \$9,000 will finance construction.

Contract Awarded
SCHOOL Cont. Price, \$61,900

SAN CARLOS, San Mateo Co., Calif. Chestnut St. N. of Arroyo Ave.

Addition of classrooms and auditorium building at San Carlos Central Grammar School.

Owner—San Carlos Elementary Sch. District (H. O. Walters, Clerk).

Architect—Thos. M. Edwards, No. 9, Geary St., San Francisco.

Contractor—J. B. Allen, San Carlos.

Bonds Voted
SCHOOL Cost, \$127,000

LARKSPUR, Marin Co., Calif.

Construction of new grammar school and alteration of present school into gymnasium.

Owner—Larkspur School District.

Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.

Application filed for PWA grant, which funds, together with bonds recently voted in the amount of \$70,000, will finance construction.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Jas. Noon, 291 E. Vineland Ave., Baldwin Park, awarded contract by Baldwin Park School District, at \$39,250, for construction of a one-story school bldg. at Kenmore and Monterey Sts., Baldwin Park. Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles. 15

CONTRACT AWARDED

WHITTIER, L. A. Co., Calif.—O. K. Earl, Jr., 900 E. Foothill, Altadena, awarded contract by Whittier Union High School District, at \$178,800, ac-

cepting alt. No. 3, for construction of a girls' gym bldg. and swimming pool gallery on West Philadelphia St. Whittier. Wm. H. Harrison, architect, 1101 Architects' Bldg., L. A.; Paul Jeffers, structural engineer; Ralph E. Phillips, mechanical engineer. 15

BIDS WANTED

HOLLYWOOD, L. A. Co., Calif.—Until October 20, 2:00 P. M., bids will be received by L. A. Board of Education for a new junior high school plant to be built in North Hollywood, a PWA project Estimated cost, \$444,000. John C. Austin, architect, 608 Architects' Bldg., L. A.; G. H. Schulte, structural engineer; Ralph E. Phillips, mechanical engineer; C. A. Sanborn, electrical engineer. Separate bids will be taken on the general, plumbing, heating and ventilating, painting and electrical wiring contracts. 15

BIDS WANTED

SAN DIEGO, Cal.—Until Oct. 24, 7:30 P. M., bids will be received by the San Diego Unified School District for a Choral and English building to be built at San Diego high school. Plans and specifications may be obtained from Geo. M. Crawford, business manager of the district, 825 Union St., San Diego, upon deposit of \$25. 15

BIDS WANTED

PHOENIX, Ariz.—Until Nov. 3, 7 P. M., bids will be received by the Phoenix Union High School and Junior College District for the construction of a liberal arts and administration building at the new high school plant in Phoenix, a PWA project. Plans and specifications may be obtained from Architects Lescher and Mahoney, 1100 Title & Trust Building, Phoenix, upon deposit of \$10. 15

LOW BIDDER

EL MONTE, Los Angeles Co., Cal.—Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, submitted the low bid to El Monte Union High Sch. Dist. at \$41,667 for construction of a wood frame domestic science bldg. at the high school, a PWA project. Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles. 15

BIDS WANTED

BEVERLY HILLS, Los Angeles Co., Cal.—Until October 25, 10 A. M., bids will be received by the Beverly Hills Unified School District for (1) alteration of the Horace Mann school, 126 S. Arnaz Drive, and (2) additions to seat 700 at the athletic field bleachers at Beverly Hills high school, 241 Moreno Drive. Plans and specifications may be obtained from the assistant superintendent of schools, City Hall, Beverly Hills, upon deposit of \$10. Edward Cray Taylor and Ellis Wing Taylor, 803 W. Third St., Los Angeles, architects; Holmes & Narver, 630 S. Spring St., Los Angeles, structural engineers. 15

To Ask Bids Shortly

AUDITORIUM. Cost \$204,000
DELANO, Kern Co., Calif. Delano High School.
Auditorium and cafeteria building, concrete and steel construction, hollow tile and metal interior partitions, composition roof, terrazzo, asphalt tile and cement floors, oil burning heating system, plaster and acoustical board interior finish, seating stage equipment, cafeteria equipment.
Owner—Delano Joint Union High School District.

Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.

PWA grant of \$101,142 allotted. Separate bids will be received for general construction, plumbing and heating and electrical work. Bids will be asked about Oct. 19.

Low Bidders

AUDITORIUM-GYMNASIUM
GUSTINE, Merced Co., Calif.
One-story steel and wood combination auditorium-gymnasium to seat 900.

Owner—Gustine Union Elementary School District (Mrs. Viola Gabriel, Clerk).

Architect—Franklin & Kump Jr., 202 T. W. Patterson Bldg., Fresno.

Low bidder: R. W. Brown Const. Co., 118 South K St., Madera, \$44,174. Tonnell Company, 363 Highland Ave, Tracy, submitted low bids as follows on other segregations of the work: (2) plumbing and heating, \$7,875, (3) electric wiring, \$2,535, (4) stage curtain and seating, \$800, (5) remodel existing bldg., \$765.

Bids Opened

SCHOOL
OAKDALE, Stanislaus Co., Cal. West of Laurel Ave. bet. Magnolia and Poplar Sts.

Preparation of site for construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.

Owner—Oakdale Elementary School District (J. J. Berry, Supt.)
Architects—Frank W. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

Low Bidder—C. L. Elliott, Modesto, \$2,350.

Recommendation made to PWA that contract be awarded to the low bidder. Only other bid submitted by Lloyd Hauser, Stockton, at \$2,440. Plans and specifications for construction of building are now in Sacramento, awaiting approval of State Division of Architecture. Total estimated cost of building is \$204,765, exclusive of equipment and furniture.

Sub-Contracts Awarded
RECONSTRUCTION

Contract Price, \$17,389

OAKLAND, Alameda Co., Cal. Kansas Street and Brown Avenue. Reconstruction to Laurel School.
Owner—Oakland School District.

Engineer—Chas. A. Whitton, Second Ave. and 10th St., Oakland (Sch. Admin. Bldg.).

Contractor—Sproul and Rogers, 4409 Harbord Drive, Oakland.

Roofing and Sheet Metal—Central Roofing & Sheet Metal Co., 3246 Ettie Street.

Plumbing and Heating—Max Finzel Pblg. Co., 2025 Hopkins St.

Electric Wiring—Matson Elec. Equip. Co., 4115 Broadway.

Lumber and Mill Work—Hogan Lbr. Co., 2nd and Alice Streets.

Hardware—Markus Hardware Co., 7th and Washington Sts.

Painting—Hugh C. Carter, 3101 40th. Lathing and Plastering—Carl Rasmussen, 5801 Moraga Road.

Concrete—Nat. Lena, 1174 19th St. All of Oakland.

Plans approved
HIGH SCHOOL Cost, \$.....
ALTURAS, Modoc Co., Calif. Main Street.

Construction of new high school bldg. Owner—Modoc Union High Sch. Dist. Architect—Masten & Hurd, 422 Post St., San Francisco.

Plans have been approved by the State Division of Architecture and bids will be asked shortly. PWA allotted funds in the amount

of \$76,000; balance of funds available through bond election.

BIDS WANTED

TRACY, San Joaquin Co., Calif.—Until October 15, 8 P. M., bids will be received by the Tracy Union High School District, Bert B. Banta, Clerk, for the construction of a music building located at Tracy.

Plans and specifications may be obtained from the Clerk of the Board in the High School Building at Tracy and from the office of the Architect, at 443 E. Weber Ave., Stockton, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid payable to the Clerk of the Board of Trustees and will be opened in the Principal's office, Tracy Union High School.

Sub Contracts Awarded

GYM. BLDG. Cont. Pr., \$65,245
NORTH SACRAMENTO, Sacramento Co., Calif. Grant High School.

First unit of high school plant, consisting of one-story frame with steel trusses, gymnasium building to seat 1800 (second unit consists of 12-room 1-story addition including cafeteria, band & choral rooms, domestic science and art rooms, etc.).

Owner—Grant Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento. Contractor—M. R. Peterson, 1116 O St., Sacramento.

Roofing—Bush Roofing Co., 1912 Kay Street.

Plumbing & Heating—M. R. Carpenter, 907 Front St.

Electric Wiring—Rex Moore, 616 San Antonio Way.

Sheet Metal—W. M. Dunphy, 3136 Folsom Blvd.

Tile Work—H. P. Fischer Tile and Marble Co., 1219 Jay St.

Glass—T. E. Cain, 2416 Jay St. Windows—Universal Window Co., 950 Parker St., Berkeley.

Painting—W. H. Raymond, 2710 Donner Way.

Lathing & Plastering—W. B. Scollan, 1975 13th Ave.

All of Sacramento, unless otherwise noted.

Plans Completed

GYM & SHOP Cost, \$45,000
CALISTOGA, Napa Co., Calif. Gymnasium and shop building.

Owner—Callstoga Joint Union High School.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

The school District voted bonds August 30 in the amount of \$25,000 which proceeds together with PWA grant will finance construction.

Plans forwarded to State Division of Architecture for approval. (4861 1st rep. July 21; 2nd, Sept. 1, 1938. 15

Bids Opened

ALTERATIONS Cost, \$.....
SAN RAFAEL, Marin Co., Calif. Construction of Units C, D, E and F

additions to the San Rafael High School, including alterations to present bldg. and plumbing and electrical systems for Units A, B, C, D, E and F and present shop building.

Owner—City of San Rafael School Dist. (Oliver Hartzell, Supt. of Schools).

Architect—N. W. Sexton, 1601 de Young Bldg., San Francisco.

Low Bidder—Leibert & Trobeck, Albert Bldg., San Rafael, \$135,492. Alternates (all deductions) were as follows: (1) change in court pavement; (2) substitute wood sash for

steel sash; (3) omit Unit C, including covered passage and opening at South end of court; (4) omit light fixtures; (5) change in plaster and floor finish at classroom entrance.

Complete bids follow:
Leibert & Trobeck, \$135,492; (1) \$88; (2) \$122, (3) \$8,631; (4) \$2,530; (5) \$604.

Central Calif. Constr. Co., \$138,853; (1) \$750; (2) —; (3) \$8,900; (4) \$2,600; (5) \$385.

Moore & Roberts, \$139,200; (1) \$600; (2) —; (3) \$5,620; (4) \$2,500; (5) \$350.
Anderson & Ringrose, \$142,470; (1) \$760; (2) \$400; (3) \$9,600; (4) \$2,800; (5) \$394.

Grant-Martinnelli Constr. Co., \$145,747; (1) \$500; (2) \$1,600; (3) \$11,250; (4) \$2,700; (5) \$280.

Bids taken under advisement.

Bids Wanted—To Close October 24, 8 P. M.

ADDITION Cost, \$35,000
BRISBANE, San Mateo Co., Calif. Frame and stucco addition to grammar school.

Owner—Visitation School District. Architect—Thos. M. Edwards, No. 9 Geary St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the office of the Brisbane Grammar School.

BIDS WANTED

YERRA BUENA SHOALS, Calif.—Until October 28, 2 P. M. bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance and public building, opened and read in Room 415 of said building, for plumbing, heating and ventilating work for the Auditorium Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Bids Opened

SCHOOL ADDITION
PLACERVILLE, Eldorado Co., Cal. Addition to the high school to contain gymnasium science room and cafeteria.

Owner—El Dorado County High School District, Leo N. Ench, Clerk. Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Low bidder: H. W. Robertson, 3004 F Street, Sacramento, \$129,885.

Recommendation made to PWA that contract be awarded low bidder.

Complete bids were:
H. W. Robertson, Sacramento, \$129,885.

Campbell Const. Co., Sacramento, \$134,377.

Lindgren & Swinerton, Inc., Sacramento, \$144,444.

Azevedo Const. Co., \$145,000.

Sub Contracts Awarded

AUDITORIUM Cont. Price, \$130,372
COALINGA, Fresno Co., Calif.

One-story reinforced concrete and steel auditorium at the Coaliga High School.

Owner—Coalinga Union High School District.

Architect—W. D. Coats, Rowell Bldg., Fresno.

Contractor—O. H. Strauser, 900 Dawson Ave., Long Beach.

Excavation—Owl Truck & Material

Co., Coalinga.
Rock & Sand—Brown Materials Co., Huron.
Cement—Kettleman Lumber Co., Coalinga.

Reinforcing Steel—Ceco Prod. Corp., 1280 Indiana St., San Francisco.
Struct. Steel & Misc. Iron—Kyle & Co., Fresno.

Lumber—Cross Lumber Co., Coalinga.
Sheet Metal—Standard Sheet Metal Works, Fresno.

Roofing—C. L. Frost, Monterey.
Plastering—Carroll Duncan, Glendale.
Linoleum & Asphalt Tile—McNaul & Baxter, Bakersfield.

Marble & Tile—Premier Tile & Marble Co., Fresno.

Metal Partitions, Steel Sash, Steel Rolling Door, Kalamain Work and Safety Treads—Healey & Popovich, Fresno.

Aluminum & Bronze Work—Associat-Materials Co., Los Angeles.

Painting—Mingus & Pascoe, Coalinga.
Fire Curtain—R. L. Grosh & Sons, Los Angeles.

Glass & Glazing—Valley Glass Co., Fresno.

Bids Wanted—To Close October 26, 8 P. M.

SCHOOL ADDN. Cost, \$.....
CARMICHAEL, Sacramento Co. Construction of addition to Carmichael School.

Owner—Carmichael School District, (Emma L. Cole, Clerk).

Structural Engineer—F. H. Reynolds, 905 Forum Bldg., Sacramento.

Plans and specifications may be obtained from the engineer's office upon deposit of \$20, returnable.

Bid will be opened in the Board Room at Carmichael School and must be accompanied by certified or cashier's check or bid bond for 5% of bid.

Other bids were:
L. H. Hansen & Sons..... 10,548
Hodgson & Sons..... 10,690

BIDS WANTED

TUCSON, Ariz.—Until October 18, 10:30 A. M. bids will be received by School District No. 1, Pima County, Ariz., for the construction of an addition to the Carillo school in Tucson.

A PWA project. Plans and specification may be obtained from Architect M. H. Starkweather, 40 W. Congress St., Tucson, upon deposit of \$15. Certified check for 5% required.

15

LOW BIDDER

LOS ANGELES, Calif.—David J. Reed, 6348 Colgate Ave., Los Angeles, submitted low general bid to L. A. Board of Education, at \$102,750, for construction of a 2-story classroom bldg and a 2-unit shop bldg at the Bret Harte Junior High School, 9301 S. Hoover St. Walter E. Erkes, architect, 1211 Rives-Strong Bldg.; C. J. Derrick, structural engineer; Robt. Storms and Calyton T. Gibbs, mechanical engineers.

15

LOW BIDDER

LOS ANGELES, Calif.—Jas. Noon, 291 E. Vineland Ave., Baldwin Park, submitted low bid to Baldwin Park School District, at \$39,250, for construction of a one-story school bldg at Kenmore and Monterey Sts., Baldwin Park, a PWA project. Marsh, Smith & Powell, architects, 516 Architects' Bldg., L. A.

15

Bids Wanted — To Close Nov. 2, 4:30 P. M.

SCHOOL
COTTONWOOD, Shasta Co., Calif. Construction of new grammar sch.

Owner—Cottonwood Elementary School District.

Architects—Masten & Hurd, 442 Post St., San Francisco.

Plans and specifications may be

obtained at the architect's office upon deposit of \$25.

Bids will be opened in the office of the County Superintendent of Schools in the Courthouse, Redding.

SUB-BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—F. C. Stolte Co., 1405 San Antonio Ave., Alameda, is figuring plans and desires sub-bids on all portions of the work for construction of harbor terminal improvements at the Port of Redwood City, for which bids will be opened Oct. 17, 3 P. M.

18

Bonds Voted
SCHOOL ADDN. Cost, \$63,000
CONCORD, Contra Costa Co., Calif. Addition of several classrooms to grammar school.

Owner—Concord Elementary School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Application filed for PWA grant of \$28,000 which funds together with bonds recently voted in the amount of \$35,000 will finance construction.

Bids Opened
ADDITION
FRESNO, Fresno Co., Calif. Frame and stucco addition (2 classrooms) to grammar school.

Owner—Teague Elementary School District, Fresno.

Architect—Franklin & Kump, Jr. T. W. Patterson Bldg., Fresno.

Low Bidder—Ericson & House, Rt. 6 Box 540, Fresno, \$8,950.

Other bids were:
Richmond Construction Co..... \$ 9,065
Walker & Walker..... 9,423
L. E. Nelson..... 9,651

Midsage Const. Co..... 9,948
W. J. Ochs, Inc..... 8,777
Harris Construction Co..... 10,277
L. C. Nelson..... 10,496
L. H. Hansen & Sons..... 10,548
Hodgson & Sons..... 10,690

Bids Wanted—To Close October 26, 8 P. M.

AUDITORIUM-GYM
SHAFTER, Kern Co., Calif. Construction of one-story reinforced concrete auditorium-gymnasium for Shafter High School at Shafter.

Water and gym-auditorium with locker rms. for McFarland High School at McFarland.

Owner—Kern County Un. High Sch. District.

Architect—Symmes & Willard, Stanton Willard, Architect, 215 Harborfield Bldg., Bakersfield.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids will be opened in the office of Kern County Union High School in Bakersfield, and must be accompanied by certified or cashier's check or bid bond for 10% of bid.

As previously reported, bids will be opened October 25, 4 P. M.

Following have taken out plans:
John F. Tulloch, 335 Elgth St., Oakland.

Mark Bristol, 1038 McKinley Ave., Oakland.

Peter Sartorio, 369 Pine St., San Francisco.

Plans and specifications obtainable from Room 109, 1025 Second Ave., Oakland, upon deposit of \$25.

As previously reported, bids will be opened October 25, 4 P. M.

Following have taken out plans:
John F. Tulloch, 335 Elgth St., Oakland.

Mark Bristol, 1038 McKinley Ave., Oakland.

Peter Sartorio, 369 Pine St., San Francisco.

Central California Constr. Co., Inc.,

115 Burrows St., S. F.
 E. T. Leiter Sons, 811 37th Street,
 Oakland.
 F. C. Stolte Co., 1405 San Antonio
 Ave., Alameda.
 Geo. Swanstrom, 1615 78th Avenue,
 Oakland.
 A. Frederick Anderson, 1093 Long-
 ridge Road, Oakland.
 Alfred J. Hopper, 243 Langton St.,
 San Francisco.

Contract Awarded
ALTERATIONS
RENO, Nevada, 127-31 Sierra St.
 Alterations to one-story and mezzanine store bldg. (50x40 ft), adjoining present Montgomery-Ward store to provide larger quarters.
 Owner—Montgomery, Ward & Co.
 Plans by Engr. Dept. of Owner.
 Contractor—H. H. Larsen Company,
 64 S. Park, San Francisco.

BIDS WANTED
LANCASTER, Los Angeles Co., Cal.—Until October 28, 7 P. M., bids will be received by the Antelope Valley Joint Union High School District, for the construction of physical education building, including plumbing, heating, and electric work, on the high school site in Lancaster, a PWA project.
 Plans and specifications obtainable from J. W. Mays, Clerk of the District, Lancaster, upon deposit of \$10.

CONTRACT AWARDED
MONROVIA, Los Angeles Co., Cal.—Stark & Schmid, 822 N. Fenton St., Santa Ana, at (1) \$48,200 and (3) \$2250 (subject to PWA approval) awarded contract by the Monrovia-Arcadia-Duarte High School District for the construction of a gym building at the high school on W. Colorado Blvd., Monrovia. Bids on Item 2, gas radiators, were held under advisement. 15

Bids Wanted — To Close Nov. 1, 4 P. M.
SHOP & GYM Cost, \$150,000
EL CERRITO, Contra Costa Co., Cal. New shop building and gymnasium building for El Cerrito High Sch. Owner—Richmond Uniona High Sch. Architects—Dragon & Schmidts, 2068 Allston St., Oakland.
 Plans and specifications obtainable for general contractors at the office of the architects upon deposit of \$25.
 Bids will be opened at the office of the Board of Education, Richmond.

Bids Wanted—To Close October 25, 7:30 P. M.
SCHOOL ADDN. Cost, \$5,000
ARCADE, Sacramento Co., Calif. Construction of additions to Arcade Elementary School.
 Owner—Arcade Elementary School District (Geo. W. Fischer, Clerk) Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.
 Bids will be opened in the Arcade Elementary School building and must be accompanied by certified or cashier's check or bid bond for 5% of bid.

Bonds Voted
SCHOOL Cost, \$25,000
PLYMOUTH, Amador Co., Calif. Three-room frame and stucco grammar school building.
 Owner—Plymouth Elementary School District.
 Architect—George C. Sellon, California State Life Bldg., Sacramento. The school district recently voted

bonds in the amount of \$13,740, which proceeds, together with expected P W A grant of \$11,250, will finance construction.

CONTRACT AWARDED
SACRAMENTO CO., Calif.—Henry Finnean, 1714 16th St., Sacramento at \$898 awarded contract by the San Juan Union High School District, Sacramento County, for installation of a septic tank at the high school.

Bids Opened
SCHOOL
CARIBOU, Plumas Co., Cal. Feather River Highway.
 One-story elementary school building to contain one classroom, office, library and playroom in basement (all wood construction).

Owner—North Fork School Dist. (A. F. Menzel, Clerk).
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 Low Bidder—Chas. K. Pasma, Ripon, \$8,888.31.

Other bids were:
 O. G. Wardlow.....\$ 9,159.50
 C. C. Stevenson.....10,778.00

Prospective Bidders
SCHOOL ADDN. Cost, \$60,000
DELANO, Kern Co., Calif. Construction of wood frame and stucco classroom addition at the grammar school.

Owner—Delano Union Grammar Sch. District (E. J. Girard, Clerk).
 Architect—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.
 Plans and specifications obtainable from the architect's office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid.
 As previously reported, bids will be opened October 17, 5 P. M.

Following have taken out plans:
 T. C. and W. H. Irwin, 908 Mildreda, Fresno.
 L. H. Hansen & Sons, P. O. Box 519, Fresno.
 Fisher & McNulty, Mattel Building, Fresno.
 R. W. Brown Const. Co., 118 South K St., Madera.
 R. Hodgson & Sons, Porterville.

Low Bidder
SCHOOL
PULLMAN, Washington. Construction of grammar school.
 Owner—School District 59, Whitman County (C. V. Kruegel, chairman).
 Architect—Whitehouse & Price, Hut-ton Bldg., Spokane, Wash.
 Low Bidder—J. J. Lohrenz, Paulsen Bldg., Spokane, \$66,524.

BIDS WANTED
PLACENTIA, Orange Co., Calif.—Until October 29, 10:30 A. M. (date subject to PWA approval) bids will be received by the Placentia Unified School District for shower and locker room to be built at the LaJolla School, Placentia.
 Plans will be available at the office of T. C. Kistner, Architect, 412 Architects' Building, Los Angeles, about Oct. 17; no deposit required.

BIDS WANTED
PLACENTIA, Orange Co., Calif.—Until October 29, 10:30 A. M. (date subject to PWA approval) bids will be received by the Placentia Unified School District for an outdoor swimming pool to be built at the Valencia High School, Placentia. Cost, \$31,000.
 Plans will be available at the office of T. C. Kistner, Architect, 412 Architects' Bldg., Los Angeles, about

CONTRACT AWARDED
LOS ANGELES, Cal.—E. C. Nesser 4822 W. Jefferson St., Los Angeles, awarded contract at \$92,925 by the Los Angeles Board of Education for construction of a two-story classroom building at the Norwood Street School, 1975 Norwood St., a PWA project.

Plans were prepared by the Architectural section of the board, A. S. Nibecker, Jr., architect. 15

BIDS WANTED
PLACENTIA, Orange Co., Calif.—Until October 29, 10:30 A. M. (date subject to PWA approval) bids will be received by the Placentia Unified School District for a one-story reinforced concrete addition to the Valencia High School, Placentia. Cost \$22,000.

Plans will be available at the office of T. C. Kistner, Architect, 412 Architects' Building, Los Angeles, about Oct. 17; no deposit required. 15

BIDS WANTED
PORTERVILLE, Tulare Co., Calif.—Until October 18, 8 P. M., bids will be received by the Porterville School District. F. M. Crabtree, Clerk, for the furnishing and installing of all venetian blinds for the Olive Street School building, located at Porterville.

Specifications on file at the office of the W. D. Coates, Architect, 628 Rowell Bldg., Fresno. 15

16—BANKS, STORES AND OFFICES

Sub Contracts Awarded
PHYSICIANS BLDG. Cost, \$10,000
SAN JOSE, Santa Clara Co., Calif., S. E. cor. 14th & Santa Clara St. Physicians building and apartment house.

Owner—G. Tuggle.
 Architect—Chas. McKenzie, Twohy Bldg., San Jose.
 Contractor—Wm. H. Schwartz, 521 S. 8th St., San Jose.

Roofing—Fred Hayden Roofing Co., 369 Stockton St.
Plumbing—H. J. Pascoe, 208 W. Santa Clara St.

Elec. Wiring—Roy M. Butcher, 1020 Sherwood St.
Heating—Globe Heating and Air Conditioning Co.

Glass—Christopher - Schmidt Glass Co., 418 S. Market St.
Brick & Stone Work—Frank Filben, 1140 Martin Ave.

Lumber—S. H. Chase Lumber Co., 547 W. Santa Clara St.
Concrete—J. C. Bateman, Rt. No. 4, Box 55, Roberts Ave.
 All of San Jose.

Contract Awarded
STORE Cost, \$4,500
LAFAYETTE, Contra Costa Co., Cal. One-story frame store building.
 Owner—Withheld.
 Architect—Chester Treichel 696 Cleveland St., Oakland.
 Contractor—Andy McCloud, Lafayette

Prospective Bidders.
STORE BLDG. Cost, \$75,000
VISALIA, Tulare Co., Calif. New brick store building; concrete basement.

Owner—Montgomery Ward Co. Plans by Engr. Dept. of Owner.
 As previously reported, bids will be opened Oct. 13, 10 A. M. in the Chicago office of the owner.

Following are figuring plans:
 Midstate Construction Co., 501 Pacific Southwest Bldg., Fresno.
 Harris Construction Co., 577 McKinley Ave., Fresno.

Trewhitt-Shields & Fisher, 1501 Pacific S. W. Bldg., Fresno.

Completing Plans
STORE BLDG. Cost, \$9000
OAKLAND, Ala. Co., Calif.
Construction of new store building.
Owner—Withheld.
Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

To Start Work Shortly
STORE Cost, \$13,000
SANTA ROSA, Sonoma Co., Cal. A and Third Streets.
One-story reinforced concrete store building (60x80-ft.)
Owner—Henry Fick, c/o Contractor.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—Wm. D. Rapp, 517-A 4th St., Santa Rosa.

Completing Plans
STORES, ETC.
BERKELEY, Ala. Co., Calif. Shattuck Ave. bet. Center and Addison Sts.
One-story reinf. store bldg. and ticket office (2 stores, S. P. ticket office) steel trusses, composition roofing, etc.
Owner—Withheld.
Architect—Hertzka & Knowles, 369 Pine St., S. F.
Plans will be completed in about one week.

Prospective Bidders
STORE BLDG. Cost, \$75,000
VISALIA, Tulare Co., Calif.
New brick store building (concrete basement).
Owner—Montgomery Ward Co.
Plans by Engr. Dept. of Owner.
As previously reported, bids will be opened Oct. 18, 10 A. M. in the Chicago office of the owner.
Separate bids will be received for general work, electric wiring and mechanical work.

Following have taken out plans:
General Work
H. H. Larsen Co., 64 South Park, San Francisco.
Trewhitt-Shields & Fisher, Pacific Southwest B'ng., Fresno.
Harris Const. Co., 577 McKinley, Fresno.
Harman & Co., 4540 Custer Street, Los Angeles.
Midstate Const. Co., Pacific Southwest Bldg., Fresno.
Miller Const. Co., 3917 Mission St., San Francisco.
Louis C. Dunn, Monadnock Bldg., San Francisco.

Electric Wiring
Crown Electric Co., 153 Eddy St., San Francisco.
Robinson Electric, 136 North Van Ness, Fresno.
Electric Const. Co., 831 Fulton St., Fresno.
Fider's Electric Shop, 509 Olive St., Porterville.

Mechanical Work
Frank Hudson, P. O. Box 254, Fresno.
Barrett-Hicks Co., 1027 Broadway, Fresno.
B. A. Newman Co., 320 North H St., Fresno.
Scott Co., 113 10th St., San Francisco.
Victor J. Cox Co., 2820 Tulare, Fresno.

18—WHARVES & DOCKS

Bids In
PARTITION WORK Cost, \$...
YERBA BUENA SHOALS, Treasure Island.
Partition work, plumbing, heating & ventilating work for air base.
Owner—Pan-American Airways, Alameda and San Francisco.

ameda and San Francisco.
Plans by Engr. Dept. of Owner.
Bids are in and being held under advisement. Announcement shortly.
Western Iron Works, 141 Beale St., San Francisco, awarded contract for marine carriage, and Link-Belt Co., 400 Paul Ave., San Francisco, awarded contract for hoist.

BIDS OPENED
SEAL BEACH, Orange Co., Calif.
—ANCO Construction Co., 2725 Atlantic, Long Beach, submitted low bid to Seal Beach city council, at \$103,750, for construction of creosote timber pier, 1800 ft. long, with concrete approach, lighting system, iron railing and appurtenant work in accordance with plans prepared by Victor W. Hyes, engineer, Ocean Ave., Seal Beach.
Other bids were:
Shannahan Bros., Maywood, \$104,760.
Ben C. Gerwick, San Francisco \$107,117.
Chas. W. Pettifer, Long Beach, \$108,987.
R. R. Bishop, Long Beach, \$112,400.
V. R. Dennis Construction Co., San Diego, \$118,627.
Morrison-Knudsen Co., Los Angeles, \$127,000. * 18

19—MISC. CONSTRUCTION

Bids Wanted—To Close October 29.
FISH HATCHERY Cost, \$67,000
ENTERPRISE, Oregon.
New hatching building, tank house, cold storage and utility unit, superintendent's residence.
Owner—State Game Commission.
Architect—Raold & Schneider, Spalding Bldg., Portland.
Plans and specifications obtainable from the architect's office. Bids will be opened by the State Board of Control, Salem. * 19

BIDS WANTED
SAN FRANCISCO.—Until Oct. 19, 2 P. M., bids will be received by the U. S. Forest Service Regional Office P. C. Brown, Procurement Officer, 1018 Phelan Bldg., San Francisco, under Bid No. 1365, for reconstruction of three trucks. Trucks may be examined by prospective bidders at the Transportation Office, Government Island, Oakland. * 19

LOW BIDDERS
WASHINGTON, D. C.—Lake Washington Shipyard Co., and Commercial Iron Works, Portland, submitted identical low bids at \$82,000 to the Coast and Geodetic Survey, Department of Commerce, Washington, D. C., for construction of a 1500-ton survey vessel. * 19

20—MISC. SUPPLIES AND MATERIALS

BIDS WANTED
EUREKA, Humboldt Co., Calif.—Until October 18, 5 P. M., bids will be received by the Eureka City Council, John Griffith, Supt. of Public Works, for furnishing asbestos-cement pipe of Class 150 for the Eureka Water Department, as follows:
(1) 1000 feet 12-inch;
(2) 1800 ft. 10-inch;
(3) 1500 ft. 8-inch;
(4) 1200 ft. 6-inch pipe.
Plans and specifications available from above office. * 20

BIDS WANTED
OAKLAND, Calif.—Until October 19, 5:30 P. M. bids will be received by the East Bay Municipal District, John Kimball, Secretary, 512 16th Street, Oakland, under Bid No. LS 223, for furnishing 2140 cast iron

bell and spigot water pipe fittings of 4-inch and 12-inch diameters

Plans and specifications may be obtained from the above office. * 20

BIDS WANTED
ALAMEDA, Cal.—Until October 18, 8:15 P. M. bids will be received by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for furnishing 23 light standard for the City of Alameda.
Plans and specifications may be obtained from the above office. * 20

BIDS OPENED
OAKLAND, Calif.—Pone and Talbot, Russ Bldg., San Francisco, at \$20,878.29, (2% 10 days on items 14 to 16, inclusive, after deducting \$7.50 per thousand), submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Spec. No. 1085, for furnishing lumber for use in roofing the Verrymann Reservoir.
Complete bids follow:
Pope and Talbot, S. F., \$20,878.29, 2% 10 days on items 14 to 16 incl., after deducting \$7.50 per thousand.
Tilden Lumber Co., Berkeley, \$21,395.43, 2% 10 days on items 14 to 16 incl.
Hogan Lumber Co., Oakland, \$21,724.90, 2% 10 days.
Oakland Lumber Co., \$22,679.64, 2% 10 days after deducting freight, truck and creosote treatment.
J. H. Baxter & Co., Alameda, \$22,876.97.
Stapleton Lumber Co., S. F., \$23,295.34, 2% 10 days on items 14 to 16 after deducting freight.
E. K. Wood Lumber Co., Oakland, \$23,323.13.
Piedmont Lumber & Mill Co., Oakland, \$23,345.72.
Loop Lumber Co., S. F., \$23,752.27, 2% 10 days.
Bay City Lumber Co., S. F., \$24,004.23, 2% 10th prox.
The Long-Bell Lumber Co., S. F., \$24,957.41, 2% 10 days after deducting freight and haul.
Chapman Lumber Co., S. F., \$25,355.69. * 20

BIDS WANTED
OAKLAND, Cal.—Until October 18, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing reinforcing steel for the 6667-8867 road project on 10th Avenue. Plans and specifications available from above office. * 20

BIDS OPENED
SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2091, for (1) 25,000 c.y. of loam; (2) 10,000 c.y. of manure; and (3) 10,000 c.y. of clay.
Complete bids follow:
Rosenberg Bros. Grading Co., (1) \$0.31, hauling \$0.45, total \$19,232.50; (3) \$0.24, hauling \$0.40, total \$19,232.50;
F. X. Lehner, (2) \$1.50, hauling \$.68, independent Dump Truck and Supply Co., (2) \$1.35, hauling \$0.34, total, \$17,300.
T. O'Brien, (1) \$0.40, hauling \$0.70, total \$27,500; (2) \$1.50, hauling \$0.95, total, \$24,950; (3) \$0.25, hauling \$0.70, total, \$9500.
West Const. Co., (1) \$0.25, hauling \$0.53, total \$19,500; (2) \$1.25, hauling \$0.65, total, \$19,675; (3) \$0.25, hauling \$0.50, total, \$17,500.
Devincenzi & Haskins, (1) \$0.20, hauling, \$0.68, total \$22,000 (no tax); (3) \$0.15, hauling \$0.65, total \$8,000 (no tax). * 20

BIDS WANTED

OAKLAND, Cal.—Until October 18, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for paving existing pavement for the remainder of existing fiscal year 1938-1939. Price per day, 8-hr. day.
Plans and specifications available from above office. * 20

BIDS WANTED

OAKLAND, Cal.—Until October 18, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 400 parking limit signs and 400 brackets for the City of Oakland.
Plans and specifications available from above office. * 20

CONTRACT AWARDED

OAKLAND, Cal.—John A. Roebbling's Sons Co., San Francisco, was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing installed lead covered cable for the Electrical Department. * 20

BIDS OPENED

SAN FRANCISCO.—Golden Gate Atlas Materials Co., 16th and Harrison Sts., San Francisco, at \$23,413.40 submitted low bid to T. A. Brooks Purchaser of Supplies, 270 City Hall under Bid No. 2092 for furnishing approximately 13,400 tons of crushed rock for use on Lake Merced Blvd., WPA project. Bids taken on:
(1) approx. 9000 tons 2 1/2" to 1 1/2"-in.;
(2) approx. 1700 tons 3/4" to 1/2"-in.;
(3) approx. 2700 tons 3/8" to No. 11;
(4) cartage from bunkers to point of delivery.
Bids were:
Golden Gate Atlas Materials Co., (1) \$1.54; (2) \$1.45; (3) \$1.65; (4) \$1.15 total, \$23,413.40.
John Cassaretto Co., (1) \$1.40; (2) \$1.40; (3) \$1.60; (4) \$0.35, total \$24,569.00.
Consumers Rock & Cement Co., (1) \$0.88; (2) \$0.88; (3) \$1.08; (4) \$1.00; total, \$26,101.96.
Hutchinson Co., (1) \$1.44; (2) \$1.44 (3) \$1.64; (4) \$4.49; total, \$26,997.08.
Golden West Quarry: (1) \$1.70; (2) \$1.70; (3) \$1.90; (4) \$0.23; total, \$27,101.60. * 20

BIDS OPENED

SAN FRANCISCO.—Eugene Dietzgen Co., 523 Market S. S. F., at \$300, net, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, Custom House, S. F., under Bid No. 868-39-113, for 1 transit complete; f.o.b. Custom House.
Total bids follow:
Eugene Dietzgen Co., S. F., \$300, net.
A. Lertz Co., S. F., \$304, net.
E. E. Ernst, S. F., \$313, net.
Dieterich-Post Co., S. F., \$362, net. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 1,000,000 lbs. of reinf. steel bars, Invit. 170, opened by U. S. Engineer, Los Angeles, were:
California Hdwe. Co., 1/2 of 1% 30 days, \$25,550; 3/4-in., \$0.2525 lb.; fob job site.
Columbia Steel Co., 1/2 of 1% 10 days on basing point values, \$16,880, 3/4-in. \$0.20725 lb.; fob job site; basing point values: (1) \$0.223; (2) \$0.213 (3) to (8) \$0.203.
Truscon Steel, 1/2 of 1% 10 days, \$23,225; 3/4-in. \$0.22925 lb.; fob job site.
Bethlehem Steel Co., 1/2 of 1% 10 days on basing point value; \$29,860 3/4-in. \$0.2056, fob job site. * 20

BIDS OPENED

LOS ANGELES, Cal.—The following submitted bids to the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders' hardware for Units 3 and 4 of four cottages for patients' fob Eldridge, Sonoma County.
Bids were:
Associated Hardware Co. Inc. Oakland, \$1734.00.
E. M. Hundley Hardware Co., San Francisco, \$1848.00.
Thomson-Diggs Co., Sacramento, \$1897.40.
Dunham, Carrigan & Hayden Co., San Francisco, \$1947.56.
Lee Hardware Co., \$2338.00. * 20

BIDS WANTED

PARKER, Ariz.—Until October 20, 10 A. M., bids will be received by U. S. Indian Irrigation Service, Colorado River Proj., Rm. 340, 751 South Figueroa St., Los Angeles, for water stops and other material required in installation of stops at Headgate Rock Dam, Parker, Ariz.; Invit 491.
The items are:
(1) 4080 lf. standard 9-in. water-stop
(2) 30 each standard cross;
(3) 1 only deformed cross;
(4) 1 only deformed cross;
(5) 1 only mold for standard cross;
(6) 2 only mold for deformed cross.

Fob Parker, Ariz., and/or fob bidder's shipping point. Specifications are available from above office. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Co., at \$20,860, was awarded contract by U. S. Engineer, L. A., for 1,000,000 lbs. reinf. steel bars, Invit 170. Bids, opened were:
California Hardware Co., 1/2 of 1% 30 days, \$25,550, 3/4-in. \$0.2525 lb., f.o.b. job site.
Columbia Steel Co., 1/2 of 1% 10 days on basing point values, \$16,880, 3/4-in. \$0.20725 lf. f.o.b. job site; basing point values: (1) \$0.223, (2) \$0.213, (3) to (8) \$0.203.
Truscon Steel, 1/2 of 1% 10 days, \$23,225, 3/4-in. \$0.22925 lb., f.o.b. job site.
Bethlehem Steel Co., 1/2 of 1% 10 days on basing point values; \$29,860, 3/4-in. \$0.2056, f.o.b. job site. * 20

BIDS OPENED

PANAMA CANAL.—Bids for (1) 800,000 gal. gasoline, (2) \$180,000 gal. Ethyl gas and (3) 275,000 gal. kerosene, Sched. 3353, opened by General Purchasing Officer, the Panama Canal, Washington, D. C., Sept. 29, were:
General Petroleum Corp., L. A., (1) 690,000 gal. at \$0.6, (2) 179,000 gal. at \$0.8, (3) \$250,000 gal. at \$0.583.
Standard Oil Co., New York City, (1) \$0.5769, (2) \$0.78169, (3) \$0.5102.
Tide Water Associated Oil Co., San Francisco, (1) \$0.065, (2) \$0.085, (3) \$0.5.
Union Oil Co., (1) \$0.7, (2) \$0.9, (3) \$0.65. * 20

BIDS OPENED

BONNEVILLE, Ore.—Collins Concrete and Steel Pipe Co., Portland, at \$24,756.00 submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 824-39-29, for furnishing and delivering 48 concrete stop logs; fob railroad cars at Bonneville.
Total bids follow:
Collins Concrete & Steel Pipe Co., Portland, \$24,756.00
Harold Blake, Portland, 29,424.00
C. T. Malcom, Dan Brikemeir and Wm. Saromal, Portland, 33,600.00 * 20

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the State Bureau of Purchases, 319 State Capitol, Sacramento, for furnishing builders' hardware for Units 3 and 4 of four cottages for patients' fob Eldridge, Sonoma County.
Bids were:
Associated Hardware Co. Inc. Oakland, \$1734.00.
E. M. Hundley Hardware Co., San Francisco, \$1848.00.
Thomson-Diggs Co., Sacramento, \$1897.40.
Dunham, Carrigan & Hayden Co., San Francisco, \$1947.56.
Lee Hardware Co., \$2338.00. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Blue Diamond Corp., Graham Bros., Eastside Bldg. Materials Co. and Arrow Rock Co., (bidding jointly) at \$43,391.25, were awarded contract by U. S. Engineer, L. A., for 28,500 c.y. coarse aggreg. and 15,000 c.y. sand, Invit. 158. * 20

CONTRACT AWARDED

SAN FRANCISCO.—The Electric Corp., 145 Ninth St., S. F., at \$2195.49, 2% 10th prox., was awarded contract by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-104, for furnishing and delivering 1500 lin. ft. of 1,500,000 c.m. cable; f.o.b. Fort Cronkhite, Marin Co. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$120; 3220 Adeline, Berkeley; owner, K. Christiansen, 3220 Adeline; contractor, S. P. Sorensen, 5511 Dover.
RE-ROOF, \$180; 3010 Benvenue, Berkeley; owner, H. O. S. C., 875 Market St., S. F.; contractor, General Roofing Co., 2139 Green Street.

RE-ROOF, \$160; 2430 Fulton, Berkeley; owner, Celeston, 2430 Fulton; contractor, Wm. E. West, 1222 Brighton.
RE-ROOF, \$130; 1166 Spruce, Berkeley; owner, W. H. Marston Co., 2333 Vine; contractor, Guy Tyler & Sons, 1502 Cedar.

RE-ROOF, \$150; 2393 Shattuck, Berkeley; owner, Mrs. Gorrel, 2727 Dwight Way; contractor, Guy Tyler & Sons, 1502 Cedar.
RE-ROOF, \$144; 1517 Milvia, Berkeley; owner, Geo. Hansen, 1517 Milvia; contractor, Bay Cities Asbestos Co., 5th Ave. and E. 12th St., Oakland.

RE-ROOF, \$200; 2914 Forest Berkeley; owner, Claremont Realty Co., 3914 Claremont; contractor, Roy Gordon, 1814 Derby.
SHED, \$90; 1435 Henry; owner and builder, G. A. Beukers, 1444 Shattuck.

GREEN HOUSE, \$200; 882 Indian Rock, Berkeley; owner and builder, R. H. Bailey, 882 Indian Rock.
ADDITION, \$500; 1521 89th Ave., Oakland; owner and builder, Leon Kandarian, 1607 89th Ave.

REPAIRS to roof, \$35; 5717 Shafter Ave., Oakland; owner, Mrs. G. E. Rakes, 6963 Chabot Road; contractor, G. W. Heldoorn, 328 San Pablo Ave., El Cerrito.

SHED, \$142; 1945 24th Ave., Oakland; owner, V. Vedovich, 1945 24th Ave.; contractor, M. Cvetich, 2515 Adeline St.
RE-ROOF, \$85; 644 Fairmont Ave., Oakland; owner, L. B. McCord; contractor, W. N. Sankey, 3121 West St.

ADDITION, \$400; 2795 Frazier Ave., Oakland; owner and builder, Paris L. & Julia A. Kellum, 2795 Frazier Ave.
GARAGE, \$200; 2201 Foothill Blvd., Oakland; owner, T. Owens, 2201 Foothill Blvd.

REPAIRS, \$50; 5501 Taft Ave., Oakland; owner, Robert Price; contractor, M. J. Valenti, 5118 Clarke Street.
ALTER, \$500; 9925 E. 14th St., Oakland; owner, Mrs. R. Caplinger, 2303 W. 134th Ave.; contractor, Whalin Bros., 2942 23rd Ave.

ALTER and repairs, \$700; 4105 Emerald St., Oakland; owner, Mrs. W. Beard, 2619 Havenscourt Blvd., contractor, Whalin Bros., 2942 23rd Ave. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Easels	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

21— BRIDGES

BIDS WANTED

SACRAMENTO CO., Calif.—As previously reported until October 24, 10 A. M., bids will be received by the Sacramento Co. Board of Supervisors, Thos. F. Patterson, County Clerk, Court House, Sacramento, for construction of a timber and concrete trestle at Del Paso Station, Sacramento County, Calif.

Work involves:

- (1) Removal of old structure;
- (2) 670 c.y. struc. excav.
- (3) 173 c.y. class "A" concrete abutments;
- (4) 28,218 M.B.M. Redwood caps, posts, sash bracing, cross bracing, fire stops, sheathing in place;
- (5) 28,000 M ft. B.M. Redwood stringers, scabs and bridging in place;
- (6) 10,868 M. ft. B.M. Redwood sub flooring in place;
- (7) 201 c.y. class "A" conc. in deck in place;
- (8) 39,235 lbs. reinf. steel in place;
- (9) 10,904 M.B.M. Redwood railing material in place;
- (10) 420 c.y. roadway fill in place;
- (11) 240 tons crusher run base;
- (12) 400 gals. liq. asphalt SC-1A in place;
- (13) 24 tons coarse screenings in place;
- (14) 16 tons fine screenings in place;
- (15) 800 gals. liq. asphalt 95 plus in place.

Plans and specifications may be obtained from the County Engineer, Room 310, Court House, Sacramento, upon the deposit of \$10.00 returnable. • 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

LINCOLN COUNTY, Ore.—Until November 4, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-165, for repairing and extending the north jetty at the entrance to Yaquina Bay, requiring the construction and repairs of tramways, furnishing and placing of about 180,000 tons of stone and about 6400 c.y. of cement concrete, Lincoln Co., Ore.

Work involves:

- (1) 56,000 lf. piling, Douglas fir;
- (2) 3,000 lf. piling, cut-off;
- (3) 500 MFEM Douglas fir lumber;
- (4) 13,000 lbs. drift bolts;
- (5) 21,000 lbs. machine bolts, inc. washers;
- (6) 15,000 lbs. spikes, ship and wire
- (7) 13,000 lbs. railroad spikes;
- (8) 113 tons placing rails, steel, 75-

lb. relay, to be furnished by the U. S. in storage pile at shore end of north jetty;

- (9) 178 tons removing rails from old trackage and storage on south side of bay to storage pile at shore end of north jetty;
 - (10) 280 sets of steel bars and bolts for 75-lb. steel rail (new);
 - (11) 70 sets removing rusted and damaged splice bars and bolts along existing tramway seaward of bent No. 150;
 - (12) 1 set frogs and switches, complete, inc. guard rail, stand, etc.
 - (13) 22,900 lf. cable, wire not less than 5/8 in. diam.;
 - (14) 10,000 lbs. steel straps;
 - (15) 120 each metal pile shoes;
 - (16) 180,000 tons of stone, inc. 12,000 tons of maintenance stone;
 - (17) 6400 c.y. concrete;
 - (18) 23,000 lbs. anchor chains;
 - (19) 66 tons concrete reinf., handling and placing 75-lb. steel rail to be furnished by the U. S. at shore end of north jetty;
 - (20) 1 job construction of concrete foundation and timber pit for and installation of track scales;
 - (21) 10,000 lf. removal and storage of steel rail from outer end of jetty.
- Plans and specifications may be obtained from the above office. No deposit required. • 22

BIDS WANTED

YAMHILL CO., Oregon. Until Oct. 18, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-169, for clearing, bank sloping, gravel excavation, gravel borrow, and the construction of approximately 900 feet of stone revetment on the left bank of Lambert Slough; construction of approximately 450 feet stone revetment on the left bank of the Willamette River in the vicinity of Lambert Slough; placing of 12,200 tons stone in reinforcing and raising the Wheatland Dam at the head of Lambert Slough; clearing, gravel borrow, earth borrow, and construction of approximately 380 feet of stone revetment on the right bank of Lambert Slough and necessary appurtenant work, all located in the Yamhill County District Improvement Company No. 1, Yamhill Co., Oregon.

Work involves:

- LOCATION "A" (Lambert Slough)**
- (1) 1 acre clearing;
 - (2) 400 c.y. bank sloping;
 - (3) 2500 c.y. gravel excavation;
 - (4) 1000 c.y. gravel borrow;
 - (5) 10,500 tons stone revetment, in place.
- LOCATION "B" (Wheatland Dam)**

- (6) 12,200 tons stone, in place;
- LOCATION "C" (Lower Grand Isl.)**
- (7) 0.5 acres clearing;
 - (8) 2100 c.y. gravel borrow;
 - (9) 4500 c.y. earth borrow;
 - (10) 2700 c.y. stone revetment, in place;

Plans and specifications may be obtained from the above office. No deposit. • 22

CONTRACT AWARDED

RIVERSIDE CO., Calif.—Oswald Bros., 366 E. 53th St., L. A., at \$70,800.40 submitted low bid and were awarded the contract by the Riverside county supervisors for the construction of an earth levee and appurtenant works on the left bank of the Santa Ana River, between N. Main St. and Agua Mansa Road, San Bernardino County, A. C. Fulmer, county surveyor. The items in Proposal I are:

- (1) 141,600 c.y. excav.;
 - (2) 5000 c.y. decomposed granite surf;
 - (3) 62,000 tons riprap rock;
- The other bids were:
- Spicer & Thompson, \$79,160.
Service Gravel Co., \$79,360.
S. Edmondson & Sons, \$86,488.
J. F. Shea Co., \$86,898.
Shofner & Gordon, \$101,012.
Ray Schweitzer, \$102,000.
Shannahan Bros., Inc., \$102,376.
Lewis Constr. Co., \$104,764.
Griffith Co., \$145,059.20.
United Concr. Pipe Corp., \$174,668.
- Partial bids were submitted by the following:
- Triangle Rock & Gravel Co., \$14,536.
C. G. Willis & Sons, \$15,102.40.
W. C. Cole, \$16,375. • 22

BIDS OPENED

SEATTLE, Wash.—Tacoma Dredging Co., 1113 1/2 "A" Street, Tacoma, at \$83,850 (\$0.13 per cu. yd.) submitted low bid to the U. S. Engineer, 754 Central Building, Seattle, for dredging 645,000 cu. yds. material from Hyehos Waterway, Tacoma Harbor, Wash.

Puget Sound Bridge and Dredging Co., Seattle, at \$89,655, (\$0.139 per cu. yd.) submitted only other bid. • 22

BIDS OPENED

FORT MASON, Calif.—Frank Contracting Co., 305 Bocana Street, San Francisco, at \$17,496 submitted low bid to the Constructing Quartermaster, Fort Mason, under B'd No. W-6616-39-25, for dredging in slip No. 2 at Fort Mason.

Work involves:

- (1) dredging slip No. 2;
 - (2) unit prices:
 - (a) mud dredging, per c.v.;
 - (b) rock dredging, per c.y.
- Total bids follow:
- Frank Contr. Co., San Francisco, (1) \$17,496; (2a) \$0.472; (2b) \$7.50.
Healy-Thibbs Const. Co., S. F., (1) \$37,700; (2a) \$0.55; (2b) \$8.00. • 22

BIDS WANTED

ELKO COUNTY, Nev.—Until Nov. 2, 10 A. M., bids will be received by the U. S. Indian Irrigation Service, Room 424, 85 2nd St., San Francisco, for 90,000 c.y. of excavation for irrigation canals, Western Shoshone Reservation, Death Valley Project, Elko Co., Nev.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. • 22

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento - California

23— CANALS

BIDS WANTED

AGNEW, Santa Clara Co., Calif.—Until November 1, 2 P. M. bids will be received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., Sacramento, for the completion of flood damage repairs, Coyote River, Agnew State Hospital Farm, Agnew.

Work consists of repairs to banks of the Coyote River, the placing of bank protection, construction of embankments and certain miscellaneous items, as follows:

- (1) clearing;
 - (2) 1170 c.y. trench excav.;
 - (3) 2660 c.y. bank excav. placed in levees;
 - (4) 50 c.y. backfill compacted on slopes;
 - (5) 70 c.y. fill in banks, borrowed material;
 - (6) 1170 c.y. Class X concrete in trenches and walls not including cement;
 - (7) 900 c.y. Class Y concrete sacked and placed, not inc. cement;
 - (8) 598 sacks of Portland cement;
 - (9) 500 c.y. Class Y concrete sacked and placed, not inc. cement;
 - (10) 425 c.y. Class X concrete slabs on slopes, not inc. cement;
 - (11) 5986 sacks of Portland cement.
- Plans and specifications may be obtained from the above office upon deposit of \$25.00 refundable. * 33

CONTRACT AWARDED

BOISE PROJECT, Idaho—Henry L. Horn, Caldwell, Idaho, at \$21,785, awarded contract by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1114-D, for construction of structures, D-Line canal, laterals 2.1 to 18.7 Payette Division, Boise Project, Idaho. 23

BIDS WANTED

BONNEVILLE, Oregon.—Until November 10, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-48, for the construction of the reinforced concrete sections of the Tanner Creek By-Pass (fishway), the completing of the earth lined canals and connections between sections for the Tanner Creek By-Pass, the connections with the additions to the waterways of the Oregon State Fish Hatchery, project sidewalks, and the constructing of a reinforced concrete bridge across the Bradford Island fish ladder, all at Bonneville, Oregon.

Work involves:

- (1) 12,000 c.y. excavation, common, for Tanner Creek By-Pass;
- (2) 8,000 c.y. borrow;
- (3) 300 c.y. toe trench excavation;
- (4) 3,000 c.y. raceways and pond excavation;
- (5) 100 c.y. rock excavation;
- (6) 3,000 sq. yds. clay lining, canal sections;
- (7) 150 c.y. clay cutoff;
- (8) 1,500 c.y. riprap, loose;
- (9) 300 c.y. riprap, hand-placed;
- (10) 40 hours compaction;
- (11) 1,600 c.y. concrete for by-pass;
- (12) 6,250 sq. ft. sidewalks;
- (13) 320,000 lbs. reinforcing steel for by-pass;
- (14) 12,000 lbs. structural steel;
- (15) 820 l.f. 1½-inch two-pipe hand rail;
- (16) 1820 l.f. 2-inch three pipe hand rail;
- (17) 461 l.f. 3-inch fibre conduit;
- (18) 220 l.f. 12-inch steel pipe;
- (19) 515 l.f. 20-inch steel pipe;
- (20) 40 l.f. 24-inch culvert;
- (21) 231 l.f. 54-inch culvert;
- (22) 400 l.f. 10-inch tile drain;
- (23) 275 l.f. 12-inch tile drain;

- (24) 110 l.f. 12-inch bell and spigot pipe (concrete);
 - (25) 1 each 12-inch head gate;
 - (26) 1 each 20-inch head gate;
 - (27) three each regulating gate hoists;
 - (28) 3 each regulating gates;
 - (29) 29 stop logs;
 - (30) 1 each manhole cover;
 - (31) 1 job cutting out existing concrete, complete;
 - (32) 1 raising pumphouse.
- Bridge Across Bradford Island Fish Ladder
- (33) 850 c.y. excavation for bridge;
 - (34) 422 c.y. concrete for bridge;
 - (35) 110,000 lbs. reinforcing steel for bridge;
 - (36) 1 job pipe railing for bridge, complete;
 - (37) 610 l.f. 3-inch rigid conduit.
- Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 23

COMPLETE BIDS

GILA PROJECT, Ariz.—Jahn and Bressi Construction Co., Inc., 208 W. 8th Street, Los Angeles, at \$385,767.73 submitted low bid to the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 800 for the construction of structures, Gravity Main Canal, Station 30 to Station 946 plus 70, Gila Project, near Yuma, Ariz.

Engineer forwarded the bids to Denver with the recommendation that the ward be made to the low bidder.

Work involves:

- SCHEDULE No. 1
Structures, Gravity Main canal, station 30 to station 335.
- (1) 5,700 c.y. excav., common, for struc.;
 - (2) 265 c.y. excav., rock, for struc.;
 - (3) 64,560 c.y. excav., common, for canals and channels and roughing out excav. for struc.;
 - (4) 3,100 c.y. excav., rock, for canals and channels and roughing out excav. for struc.;
 - (5) 500 c.y. excav., common, for road;
 - (6) 1,500 c.y. excav., rock, for road;
 - (7) 17,740 c.y. compacted earth lining;
 - (8) 4,440 c.y. uncompacted earth lining;
 - (9) 750 c.y. compacted subbase;
 - (10) 6,700 c.y. backfill about struc.;
 - (11) 2,300 c.y. compacted backfill about struc.;
 - (12) 300 cu. yds. placing gravel or rock fill on floor of wash overchute at station 169 plus 80;
 - (13) 3,300 c.y. conc. in struc.;
 - (14) 595,000 lbs. placing reinf. bars;
 - (15) 637 l.f. install rubber water stops;
 - (16) 1,060 sq. ft. install elastic joint-filler matl.;
 - (17) 1,820 sq. yds. dry-rock paving;
 - (18) 3,100 c.y. riprap;
 - (19) 195,000 lbs. driving steel sheet piling;
 - (20) 1 M ft. bm. constructing timber railings;
 - (21) 23,100 lbs. install radial gates;
 - (22) 47,400 lbs. install radial-gate hoists and operating and control mechanisms;
 - (23) 560 cwt. placing bituminous material in float drums;
 - (24) 27,000 lbs. install cast-iron pipe between weir-well inlets and weir wells;
 - (25) 3,700 lbs. install pipe handrails;
 - (26) 9,600 lbs. install misc. metal-work;

- SCHEDULE No. 2
Structures, Gravity Main canal, station 409 to station 763.
- (27) 5,100 c.y. excav., common, for struc.;
 - (28) 75 c.y. excav., rock, for struc.;
 - (29) 129,850 c.y. excav., common, for

- canals and channels and roughing out excav. for struc.;
- (30) 600 c.y. excav., rock, for canals and channels and roughing out excavation for struc.;
- (31) 15,900 c.y. compacted earth lining;
- (32) 2,670 c.y. uncompacted earth lining;
- (33) 130 c.y. compacted subbase;
- (34) 5,100 c.y. backfill about struc.;
- (35) 3,400 c.y. compacted backfill about struc.;
- (36) 2132 c.y. conc. in struc.;
- (37) 285,500 lbs. placing reinf. bars;
- (38) 146 l.f. install rubber water stops;
- (39) 660 sq. ft. install elastic joint-filler matl.;
- (40) 3,150 sq. yds. dry-rock paving;
- (41) 3,250 c.y. riprap;
- (42) 36 c.y. constr. reverse filter;
- (43) 32,500 lbs. driving steel sheet piling;
- (44) 2.5 M ft. bm. erecting timber in bridge;
- (45) 1.5 M ft. bm. constr. timber railings;
- (46) 48 l.f. laying 30-in. diam. conc. pipe;
- (47) 3,735 lbs. install hand-operated gates and gate hoists;
- (48) 28,765 lbs. install radial gates;
- (49) 40,700 lbs. install radial-gate hoists and operating and control mechanisms;
- (50) 350 cwt. placing bituminous material in float drums;
- (51) 25,800 lbs. install cast-iron pipe in reverse filter and between weir-well inlets and weir wells;
- (52) 3,200 lbs. install pipe handrails;
- (53) 10,000 lbs. install misc. metal-work;
- (54) Lump sum, constructing engine house, except conc.;
- (55) 300 l.f. install electrical metal conduit;
- (56) 60 tons install electrical conductors and ground wires;
- (57) 1,500 lbs. install electrical apparatus.

- SCHEDULE No. 3
Structures, etc., Sta. 763 to Sta. 946 plus 70.
- (58) 3,000 c.y. excav., common, for struc.;
 - (59) 56,000 c.y. excav., common, for canals and channels and roughing out excav. for struc.;
 - (60) 100 c.y. compacted subbase;
 - (61) 6,750 c.y. rock fill about siphon barrel;
 - (62) 20,000 c.y. backfill over siphon barrel;
 - (63) 10,000 c.y. backfill about struc., except about siphon barrel;
 - (64) 1,480 c.y. compacted backfill about struc.;
 - (65) 2,700 c.y. conc. in siphon barrel;
 - (66) 1,355 c.y. conc. in struc., except siphon barrel;
 - (67) 846,200 lbs. placing reinf. bars;
 - (68) 175 l.f. install rubber water stops;
 - (69) 285 sq. ft. install elastic joint-filler matls.;
 - (70) 460 sq. yds. drp-rock paving;
 - (71) 1,150 c.y. riprap.

- Complete total bids follow:
- (A) Jahn and Bressi Const. Co., Inc., Los Angeles, Sch. 1, \$158,906.20; Sch. 2, \$132,594.63; Sch. 3, \$97,266.90. Stipulated; Sch. 3 alone or Schs. 1, 2 and 3 together.
 - (B) United Concrete Pipe Corp., L. A., Sch. 1, \$157,939.40; Sch. 2, \$139,890.80; Sch. 3, \$135,881.70.
 - (C) Ralph A. Bell and Triangle Rock & Gravel Co., Sch. 1, \$161,262.25; Sch. 2, \$148,270.40; Sch. 3, \$139,045.
 - (D) Norman I. Fadel, Sch. 1, no bid; Sch. 2, no bid; Sch. 3, \$102,443.20.
 - (E) Shofner & Gordon, Sch. 1, \$212,598.20; Sch. 2, \$204,350.60; Sch. 3,

164,082.

Unit prices follow:

SCHEDULE NO. 1					
	(A)	(B)	(C)	(D)	(E)
(1)	\$.20	\$1.11	\$1.50	\$.00	\$1.25
(2)	6.50	2.90	4.00		4.00
(3)	20	21	.30		.60
(4)	1.00	50	1.50		1.50
(5)	1.00	.18	.50		.60
(6)	1.00	.50	1.25		1.50
(7)	1.00	.79	.70		.90
(8)	2.00	.50	.40		.40
(9)	1.25	.70	.70		.60
(10)	20	.45	.45		.50
(11)	1.25	.70	.70		.60
(12)	1.50	1.15	3.00		3.00
(13)	24.00	22.00	20.00		28.00
(14)	.02	.02	.42		.02
(15)	.60	.50	1.25		.60
(16)	.50	.12	.50		.50
(17)	2.50	5.00	3.50		1.00
(18)	2.03	1.85	2.50		3.00
(19)	.023	.03	.03		.025
(20)	70.00	60.00	70.00		80.00
(21)	.03	.06	.03		.06
(22)	.04	.06	.04		.08
(23)	1.50	1.56	2.50		2.20
(24)	.045	.03	.05		.06
(25)	10	12	10		10
(26)	.13	12	10		19

SCHEDULE NO. 2					
(27)	20	112	1.50		1.25
(28)	6.00	3.20	4.00		4.00
(29)	20	21	.30		.60
(30)	2.00	.60	1.50		1.50
(31)	1.00	.79	.70		.90
(32)	2.5	.50	.40		.40
(33)	1.25	.70	.70		.60
(34)	20	.50	.30		.30
(35)	1.25	.70	.70		.60
(36)	25.00	22.00	23.00		28.00
(37)	.02	.03	.02		.02
(38)	.60	.60	1.25		.60
(39)	.50	12	.50		.50
(40)	2.50	5.00	3.50		4.00
(41)	2.00	1.85	2.50		3.00
(42)	5.00	11.00	5.00		5.00
(43)	.02	.02	.03		.03
(44)	50.00	50.00	40.00		80.00
(45)	70.00	60.00	70.00		80.00
(46)	5.00	1.50	2.00		5.00
(47)	.045	.06	.07		.06
(48)	.03	.06	.03		.06
(49)	.04	.06	.05		.08
(50)	1.50	1.50	2.50		2.00
(51)	.045	.03	.05		.06
(52)	.10	12	10		10
(53)	.13	12	10		10
(54)					
(55)	.50	.24	.50		.50
(56)	.59	.55	.75		.50
(57)	.20	10	.50		.15

SCHEDULE NO. 3					
(58)	.15	1.12	1.50	.50	1.25
(59)	.15	.28	.30	.20	.60
(60)	1.15	1.70	1.00	2.00	.60
(61)	1.70	1.20	2.00	1.50	1.25
(62)	.15	.48	.35	10	.20
(63)	20	.44	.40	10	.30
(64)	1.25	.80	.70	.50	.60
(65)	10.75	15.00	16.50	12.00	19.00
(66)	20.00	17.00	19.00	22.00	27.00
(67)	.012	.03	.02	.011	.02
(68)	.60	.60	1.50	.50	.60
(69)	.50	.12	.50	.50	.50
(70)	2.50	5.00	3.50	3.50	4.00
(71)	2.00	1.85	2.50	2.00	3.00

BIDS WANTED
MODESTO, Stanislaus Co., Calif.—Until October 24, 3:00 P. M. bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th Street, Modesto, for the construction of concrete lining, concrete pipe and concrete structures all in the Canals and service ditches of the Modesto Irrigation District.
 Plans and specifications may be obtained from the above office. • 23

24—STREET LIGHTING
 October 13, 1938
BIDS OPENED
MARCH FIELD—Moore Elec. Co.,

321 W. 3rd St., L. A., at \$726, submitted low bid to Construction Quartermaster, March Field, for south and east floodlight installations at March Field, Riverside. Other bids were:
 Underground Constr. Co., Oakland, \$1448.
 Vancott Co., L. A., \$1485. • 24

BIDS WANTED
VISALIA, Tulare Co., Cal.—Until October 19, 3 P. M., bids will be received by Visalia city council for electric street lighting system, involving 165 Union Metal, single light convertible, design 3960 standards. Est. cost, \$51,000. N. A. Huth, city engineer. Anne Lowell, city clerk. • 24

25—MACHINERY AND EQUIPMENT
 October 13, 1938

BIDS WANTED
FRESNO, Fresno Co., Calif.—Until October 20, 11 A. M., bids will be received by the Fresno City Council, H. S. Foster, City Clerk, City Hall, Fresno, for furnishing and installing at the Fresno Corporation Yard, one complete automatic oil re-refining machine, electrically controlled under vacuum for use of the Public Works Department of the City of Fresno.
 Plans and specifications may be obtained from the above office. • 25

BIDS OPENED
SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-84, for rental of RD37 Caterpillar or equal, tractors, equipped with Le-Tourneau or equal, bulldozer, Le-Tourneau or equal, front and power control unit and Williamette, or equal, single drum winch and cable, as follows:
 (1) (a) One for 400 hours' use near Merced; (b) Mobilization and delivery of equipment;
 (2) (a) One for 400 hours' use near Firebaugh; (b) Mobilization and delivery;
 (3) (a) One for 400 hours' use near Patterson; (b) Mobilization and delivery.
 Bids were:
 Brown Livingston, Redding, (1a) \$5.00, (b) \$100.
 C. V. Bartholmew, Elk Grove, (1a) \$8.35, (b) \$100; (2) (a) \$8.35, (b) \$75.
 J. D. Burgess, Reno, (1) (a) \$8.00, (b) (2) (a) \$8, (b) \$225, (3) (a) \$8, (b) \$225.
 John Jurkovich, Fresno (1) (a) \$8, (2) (a) \$8, (3a) \$8, no charge for mobilization. • 25

BIDS OPENED
STOCKTON, San Joaquin Co., Cal.—Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for rental of equipment, as follows:
 (1) one 4/10-cy. truck shovel equipped with boom and clamshell bucket;
 (2) one or more 4-cy. water level dump trucks.
 (3) one or more 2-cy. water level dump trucks.
 Equipment is to be used for emergency repairs on the Merced River between Indian Lodge and the Yosemite Park Line.
 Bids were:
 C. E. Huis, Merced: (1) \$4 per hr., moving \$20; (2) (a) \$2.90; (b) \$2.40; (c) \$2.65; (3) (a) \$1.75; (b) \$1.55;

(c) \$1.65.
 Holt & Johnson, Berkeley, (2) (a) \$3.15; (b) \$2.65; (c) \$2.90; (3) (a) \$2 (b) \$1.80; (c) \$1.90.
 John Cressall, Los Angeles, (2) \$2-40. • 25

BIDS OPENED
STOCKTON, San Joaquin Co., Cal.—S. A. Cummings, 4170 Falcon St., San Diego, at \$20.50 per hour submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for rental of one traffic stripe paint outfit complete including necessary automotive equipment, paint stripping machine, spotting and marking equipment and servicing equipment for use throughout Dist. X.
 A. W. Simonds, Sacramento, at \$42 per hour submitted only other bid. • 25

BIDS OPENED
SACRAMENTO, Cal.—The following submitted bids to U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-89, for rental of equipment with operating personnel for use on levee and miscellaneous work along Bear River and tributaries in the vicinity of Arboaga, as follows:
 (1) Furnishing three RD No. 8, or equal, Caterpillar tractors each equipped with Le Tourneau, or equal, double drum power unit, and LeTourneau or equal scraper for 1200 tractor hours.
 (2) Furnishing one RD No. 8, or equal, Caterpillar tractor equipped with LeTourneau, or equal, double drum power unit, and Le-Tourneau, or equal, bulldozer with auxiliary pusher unit for 400 hours.
 (3) Furnishing one rooper, LeTourneau Type S, or equal, for 400 hours.
 (4) Furnishing one water truck with tank and road sprinkling devices for 400 hours.
 (5) Mobilization and delivery of the equipment to U. S. Engineer: (a) for Item 1; (b) for Item 2; (c) for Item 3; (d) for Item 4.
 Bids were:
 Lee A. Phillips, Inc., Brentwood, (2) \$2,398.
 Brown Livingston, Redding, (3) \$200 (c) \$25.
 Teel Bros., Los Angeles, (4) \$1100, John Avres, Arbutuck, (4) \$988.
 C. G. Willis & Sons, Los Angeles, (1) \$880; (2) \$2900; (5a) \$420; (5b) \$50.
 Rock & Gravel Trucking Co., Oakland, (1) \$3900; (2) \$3700; (3) \$800; (4) \$1100; (5a) \$150; (5b) \$150; (5c) and (5d) no charge.
 Santa Ana Trench Service, San Francisco, (4) \$892.
 Silva & Hill Const. Co., Glendale, (1) \$9600; (5a) \$600.
 G. E. Murray, Modesto, (1) \$3,000; (2) \$2580; (3) \$180; (5a) \$45; (5b) \$45; (5c) \$70.
 Hemstreet & Bell, Marysville, (1) \$10,200; (2) \$3,200; (3) \$200; (4) \$1,300; (5a) \$30; (5b) \$25; (5c) \$20.
 John Murphy, Los Angeles, (1) \$9,600; (2) \$2800; (3) \$400; (4) \$1000.
 H. Earl Parker & Harms Bros. Sacramento, (1) \$7620; (2) \$2540; (3) \$300; (4) \$1280; (5a) \$180; (5b) \$100; (5c) \$25; (5d) \$25.
 Morrison-Knudsen Co., (1) \$10,500 (2) \$3100; (3) \$400; (4) \$1400; (5a) \$75; (5b) \$75; (5c) \$25; (5d) \$25.
 X. Carrithers, San Mateo, (1) \$10,800; (2) \$2800; (3) \$500; (5a) \$300; (5b) \$100; (5c) \$50.
 C. A. Baker, Sacramento, (2) \$3,200; (5b) \$25.
 D. McDonald, Sacramento, (1) \$7,600; (2) \$2560; (3) \$400; (4) \$1400; (5a) \$150; (5b) \$50; (5c) \$10; (5d) \$10

\$10.
C. L. Strother, (2) \$3000. * 25

October 10, 1938

BIDS OPENED

CONTRA COSTA CO., Calif.—X. Carrithers, 317 Elm Street, San Mateo, at \$6.45 per hour, submitted the low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco. Rental of two RDS Caterpillar Diesel tractors and bulldozers for 300 hrs. work in Contra Costa County, Calif. The only other bidder was Rock and Gravel Trucking Company, Oakland, at \$7.00 per hour. * 25

CONTRACT AWARDED

YUMA PROJECT, Ariz.—Bay City Shovels Inc., Bay City, Mich., at \$11,450 awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1113-D, for furnishing and delivering one clutch-operated, crawler-traction mounted, full-revolving, Diesel engine powered, convertible type dragline excavator for the Yuma Project. 25

BIDS WANTED

COLUMBIA BASIN PROJ., Wash.—Until November 7, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 805, for furnishing and delivering embedded metalwork for anchorages for 11 drum gate at the Grand Coule Dam, Columbia Basin Project, Wash.; fob shipping point and/or Odair, Wash. Drum-gate anchorages will be installed by the Government. Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.50, not returnable. * 25

CONTRACT AWARDED

BONNEVILLE, Oregon.—S. Morgan Smith Co., York, Pa., at \$1,654,857, awarded contract by the U. S. Engineer Office, Bonneville, under Bid No. 694-39-13, for furnishing and delivering two 74,000 H. P. turbines with accessories for the Bonneville Project. 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing operation valves for Palos Verdes Feeder, Colorado River Aqueduct, Spec. 288, were opened by the Metropolitan Water District, Los Angeles. The items bid on were:

SCHEDULE 1

Two automatic pressure regulating assemblies, complete with operating mechanism and all appurtenances.

Three only 24-inch manually-operated reseating conical plug type shutoff valve assemblies.

One 24-inch automatically-operated reseating conical plug type emergency check and shutoff valve assembly.

Two 12-inch manually-operated reseating conical plug type shutoff valve assemblies.

Two 14-inch do.

Two 16-inch do.

SCHEDULE 2A or 2G

Four automatic pressure relief assemblies complete with operating mechanisms and all appurtenances.

SCHEDULE 3

Services of erecting engineers. Under Schedule group 2, alternate bids will be received for assemblies with (2A) angle needle or (2G) globe type valves.

Complete bids follow:
Felton Water Wheel Co., San Francisco: Sch. 1, all fob Indian Orchard, Mass., (1) \$17,520; (2) \$19,355; (3) \$7720; (4) \$4206; (5) \$4407; (6) \$7042.

Use tax \$1837.50. Total \$62,087.50. Gross shipping weight, 98,400 lbs.; dunnage, 4700 lbs. Net weight for erection, 93,700 lbs.

Sche. (2A) no bid; (2G) no bid; Sch. (3)—(11) \$25 per day. No disc. S. Morgan Smith Co., York, Pa.: Sch. 1, all fob York, Pa., (1) \$13,775 (2) \$17,595; (3) \$8280; (4) \$4362; (5) \$4738; (6) \$6100. Total exclusive of use and sales tax, \$54,850. Use tax to be added. Gross shipping weight 96,700 lbs.; dunnage, 4610 lbs. Net weight for erection 92,090 lbs.

Sch. (2A) (7) \$6550; (8) \$4600. Total exclusive of use tax, \$10,250. Gross shipping weight 19,805; dunnage, etc., 943 lbs. Net weight for erection 18,862 lbs. Sch. (2G) no bid. Sch. (3)—(11) \$25 per day.

Alt.: Cast steel manifolds; (7) \$6,475; (8) \$5315. No discount.

Water Works Supply Co., L. A.: Sch. (2G) only, fob Los Angeles: (9) \$5605; (10) \$4055; sales tax \$289.80, total, \$9949.80. Gross shipping weight 40,060 lbs., dunnages, etc., 1750 lbs. Net weight for erection, 38,310 lbs. Sch. (3) (11) \$25 per day. No disc.

Associated Piping & Engr. Co., Ltd. Los Angeles: Sch. 1, all fob Los Angeles: (1) \$14,000; (2) \$13,070; (3) \$5066; (4) \$4000; (5) \$5100; (6) \$6350. Use tax \$1445.58. Total for Sch. 1, \$49,631.58. Gross shipping weight, 96,000 lbs.; dunnage, etc., 2000 lbs. Net weight for erection 94,000 lbs. No discount.

Sch. (2A) no bid.

Sch. (2G) (9) fob Los Angeles, \$5,200; (10) fob Los Angeles, \$4300. Use tax, \$285.00. Total, \$9785. Gross shipping weight, 26,000 lbs.; dunnage 2000 lbs. Net weight for erection 24,000 lbs. Sch. (3) (11) \$20 per day. 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of an 8-ton tandem roller, gasoline engine driven, for use on Coast Highway Road VII-Ven-2-D, E & F, between Ventura city and the Santa Barbara county line, opened by the State Highway Dept., Los Angeles, were:

Oswald Brothers, Kelly-Springfield, 1932, \$2.95 hour.

Peter L. Ferry, Kelly, 1936, \$3.95 hr.

El Rio Rock Products Co., Austin, 1926, \$3 hour. 25

BID OPENED

LOS ANGELES, Calif.—Oswald Bros., L. A., submitted the only bid to the State Highway Dept., L. A., for the rental of one to two motor graders, 10 to 12 ft. blades, 50 or more h.p. engine, for use in L. A. and Orange Counties, LA-60-LA, between N. city limits of Santa Monica and L. A. city limits, for about 10 days' work. The bid was: Austin 77 Jr., 1935, 12-ft. blade, \$3.50 per hour; Rome, 10-ft. blade, \$3.25 per hour. 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of an 8-ton tandem roller powered by gasoline engine for use on State Highway LA-178-A and other intermittent jobs in L. A. and Orange Counties, for approx. 20 working days, opened by the State Highway Dept., L. A. were:

Oswald Bros., 8-ton Kelly-Springfield, 1932, \$2.95 hour.

Wm. Ward, 1124 W. Slauson Ave., L. A., 8-ton tandem Austin, rebuilt 1938, \$3 hour 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1126-D, for furnishing and delivering a 10-ft., 16-ft. extension, motor-driven, vertical boring

mill for installation in the Boulder Power Plant, Boulder Canyon Proj., Arizona-California-Nev.; fob shipping point and/or Boulder City, Nev. Boring mill will be installed by the Government. Bids were:

Hendrie & Bolthoff M. & S. Co., Denver, \$46,000; wt. 150,000; net; fob Cincinnati.
Consolidated Machine Tool Corp., Rochester, N. Y., \$47,950; wt. 157,000; net fob Rochester.

General Mchy. Corp., Niles Tool Works Div., Hamilton, Ohio, \$50,395; wt. 153,200; net; fob Hamilton. 25

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-95, for (a) rental of one RD No. 7 Caterpillar, or equal, tractor equipped with LeTourneau, or equal, bulldozer, LeTourneau, or equal, front and power control unit and a Willamette, or equal, single drum winch and cable with operating personnel for 300 hours' use near Yolo; (b) mobilization and delivery of equipment.

Bids were:

Brown Livingstone, Redding, (a) \$7 per hour; (b) \$50.

Anderson, Sacramento, (a) \$7.50; (b) no charge.

C. Bartholmew, Elk Grove, (a) \$10.70; (b) \$40.

G. E. Murray, Modesto, (a) \$6.70; (b) \$40.

C. A. Baker, Sacramento (a) \$9; (b) no charge. 25

26—RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until October 20, 3-00 P. M. bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 179, for constructing a trolley system for the bay bridge loop. The system will be installed along First and Fremont Streets and along the north side of the Bay Bridge Terminal.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon the deposit of \$10.00. * 26

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6183—San Carlos Feed and Fuel: \$894.42; net; sand and gravel.

BID No. 6184: C. N. Moore: \$0.90 per hour; net; dump truck rental.

BID No. 6176: Balboa Bldg. Mat.: \$0.57; 2 1/2 c-30; 640 sacks Portland cement. Readymix Concrete: \$320; 2 1/2-30; sand and rock.

BID No. 6173: Williams and Russo: \$497; net; 200 sacks Portland cement.

BID No. 6171: McPhail Fuel Co.: \$380.80; net; 640 sacks Portland cement.

BID No. 6168: Knox L. C.: \$380; net; lumber.

BID No. 6167: Rolando L. C.: \$455.40; 2 1/2-30; lumber.

BID No. 6165: Calrock Asphalt Co.: \$491.49; 2 1/2-20; \$3.87; truck.

BID No. 6164: Portola Truck Serv-

Ice: \$1.83; \$1098; 3%-20; 600 yds. manure.
BID No. 6162: Standard Fence Co.: \$269.82; 2%-30; galv. screen.
BID No. 6160: Crescent Elec. Co.: \$66 (A); \$653.76 (B); var. disc. Kortick Mfg. Co.: \$22 (C); var. disc.; elec. supplies.
BID No. 6158: Lavenson and Savasta L.: \$577.77; var. disc.; elec. supplies. 27

29— STREETS AND HIGHWAYS

BIDS OPENED

MARIN COUNTY, Calif.—Helwig Const. Co., 115 S. Main St., Sebastopol, at \$4340 submitted low bid to the Lighthouse Service, Department of Commerce, office of Supt. of Lighthouses, 18th District, Custom House, San Francisco, under Pro. No. 879, for repairing road at Point Reyes Light Station, approx. 15 miles from the town of Point Reyes, Marin Co.

Total bids follow:
 Helwig Const. Co. Sebastopol. \$4,340.00
 Parish Bros., Oakland..... 4,450.00
 West Const. Co., S. F..... 4,735.00
 Piazza & Huntley, San Jose. 5,537.04
 A. A. Tieslau, Berkeley..... 5,935.00
 Chas. L. Harney, S. F..... 6,675.00
 29

BIDS WANTED

COCHISE CO., Ariz.—Until Oct. 21, 10:30 A. M., bids will be received by the Arizona State Highway Commlsion, Phoenix, for highway construction on Benson-Steins Pass Highway F A 130-C (1) (1939) AFE 8698. The work, which is to begin at the town of San Simon and is to extend easterly 4.7 miles, consists of grading, draining, aggregate base course, and oil processing (SC-2 road oil mix), and is to be completed on or before May 15, 1939. The principal items are:

- (1) 23,300 c.y. rdwy. excav.;
- (2) 16,200 c.y. drainage excav.;
- (3) 2,400 c.y. struc. excav.;
- (4) 19,600 c.y. imported borrow, CIP
- (5) 53,000 c.y. select material, CIP;
- (6) 16,200 tons agg. base course, CIP
- (7) 5,600 c.y. stripping pits;
- (8) 3,400 M. gals. sprinkling;
- (9) 930 hours rolling;
- (10) 1,633 c.y. concrete;
- (11) 247,000 lbs. reinf. steel;
- (12) 14,000 lbs. struc. steel;
- (13) 592 lf. CMP (4 sizes);
- (14) 900 c.y. plain riprap;
- (15) 38,200 lf. line fence;
- (16) 4,135 lf. conc. pipes (furnish and deliver);

- (17) 116 each driving piles;
- (18) 460 lf. of rail bank protection (type A);
- (19) 9,500 tons mineral aggregate;
- (20) 120,600 gals. road oil (SC-2);
- (21) 4.7 miles processing road mix;
- (22) 900 tons screenings;
- (23) 128 tons emulsified asph. (Class A).

Plans and specifications may be obtained at the office of the State Highway Dept., Phoenix. Certified check or cashier's check for 5% must accompany each proposal. Howard S. Reed, State Highway Engineer. 29

BIDS WANTED

WASHOE COUNTY, Nev.—Until November 3, 1:30 P. M., bids will be received by the State of Nevada, Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for construction of grade crossing signals on the State Highway, at Washoe City crossing of the Virginia and Truckee Railway, Rte. 3, Cection A2, Washoe County. The work involves 123 flashing light signals.

Plans and specifications may be

obtained from Robt. A. Allen, State Highway Engineer, Carson City, Nevada; or from the District office of the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10, of which \$5 will be refunded. 29

CONTRACT AWARDED

WHATCOM CO., Wash.—C. V. Wilder, Bellingham, at \$7,291.40 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, and resloping or improving a four-span treated timber pile trestle of variable width at Station 556, approximately 0.012 miles; and surfacing 0.2124 mile on treating and approaches, and resloping, Mt. Baker Highway Project 6-A9, National Forest Road Project, Whatcom County, Washington. 29

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Lewis Construction Co., 354 Hobart Street, Oakland, at \$5,688 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete retaining wall on Lawrence Station Road at Campbell Creek in Supervisor's District No. 4, Santa Clara Co.

Total bids follow:
 Lewis Const. Co., Oakland, \$5,688.00.
 Dan Caputo, San Jose, \$5,887.00.
 Bert Ward & Son, San Jose, \$6,060. A. J. Raisch, S. F., \$6,455.00.

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Geo. C. Renz, 555 5th Street, Gilroy, at \$1,425 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for construction of a reinforced concrete culvert on New Avenue, between Middle Avenue and Church Avenue, in Supervisor's District No. 1, Santa Clara Co.

Total bids follow:
 Geo. C. Renz, Gilroy, \$1,425.00.
 Collins and Martin, San Jose, \$1,522.00.
 A. J. Raisch, S. F., \$1,550.00.
 Dan Caputo, San Jose, \$1,687.00. 29

BIDS WANTED

COCHISE CO., Ariz.—Until October 21, 10:00 A. M., bids will be received by the Arizona State Highway Dept., Phoenix, for highway construction on the Douglas-Safford Highway, F A S 114-F (1) (1939), AFE 8113. The work, which begins about 8 1/2 miles north of Douglas and extends northerly for a distance of approx. 10 1/2 miles to the town of McNeal, consists of grading, draining, aggregate, base course and asphalt surf. treatment using SC-2 road oil, and is to be completed on or before April 30, 1939. The principal items are:

- (1) 1,300 c.y. roadway excav.;
- (2) 10.4 ml. grading roadway to section;
- (3) 2,750 lf. constr. dip walls and rock basket;
- (4) 33,500 lf. grader ditches;
- (5) 64,300 c.y. imported borrow base course;
- (6) 18,800 tons aggregate base course;
- (7) 13,000 c.y. stripping pits; haul;
- (8) 11,500 c.y. ml. stripping material
- (9) 480 M gals. sprinkling;
- (10) 280 hours rolling;
- (11) 74 c.y. class A concrete;
- (12) 2,800 lbs. reinf. steel;
- (13) 7 each cattle guards;

- (14) 132,700 gals. road oil (SC-2);
 - (15) 18 tons emulsified asphalt (class A);
 - (16) 130 tons screenings;
 - (17) 600 c.y. blotter material.
- Certified or cashier's check for 5% must accompany each proposal. Plans may be obtained from the office of Howard S. Reed, State Highway Engineer, Phoenix. 29

COMPLETE BIDS

LASSEN CO., Cal.—Harms Bros. Winton, at \$10,460.50 submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, for about 0.6 miles of grading and surfacing with gravel and applying penetration oil treatment between 3 miles south of Standish and Wendel, Lassen Co., Calif.

- Work involves:
- (1) Lump sum, clearing and grubbing;
 - (2) 120 M gals. water;
 - (3) 9300 c.y. roadway excavation without class;
 - (4) 11,000 sta. yds. overhaul;
 - (5) 500 c.y. struc. excav.;
 - (6) 33 sta. finishing roadway;
 - (7) 1125 c.y. gravel in place;
 - (8) 20 tons liquid asphalt SC2 in place;
 - (9) 2800 lbs. reinf. steel.
 - (10) 47 c.y. class "A" Portland cement in place;
 - (11) 38 lf. 24-in. CMP;
 - (12) 84 lf. 48-in. CMP;
 - (13) 102 lf. 60-in. CMP;

Total bids follow:
 (A) Harms Bros., Winton, \$10,460.50.
 (B) C. M. Svar, Loyalton, \$11,873.05.
 (C) Fredericksen and Westbrook, Lower Lake, \$13,719.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	300.00	1121.00	1500.00
(2)	1.50	1.00	2.00
(3) .....	.35	.40	.40
(4) .....	.01	.02	.01
(5)	1.00	1.50	2.00
(6)	5.00	5.00	20.00
(7)	1.50	1.05	1.50
(8)	20.00	30.00	40.00
(9) .....	.08	.12	.10
(10)	35.00	35.00	40.00
(11)	3.00	3.00	4.00
(12)	8.00	7.76	7.00
(13)	12.00	12.48	11.00

29

BIDS WANTED

SIBERRA CO., Calif.—Until October 31, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, District Engineer C. H. Sweetser, Federal Office Bldg., Civic Center, San Francisco, for grading Section A of Route 28, the Calpine-Clio National Forest Highway, Tahoe and Plumas National Forests, Sierra Co., Calif., a distance of 2,606 miles.

- The work involves:
- (1) 20 acres clearing;
 - (2) 20 acres grubbing;
 - (3) 95,400 c.y. unclass. excav.;
 - (4) 650 c.y. unclass. excav. for struc.;
 - (5) 150,000 sta. yds. overhaul;
 - (6) 2,996 ml. finishing earth graded roads;
 - (7) 30 c.y. Class A concrete;
 - (8) 850 lbs. reinf. steel;
 - (9) 2004 lf. corr. galv. sheet metal pipe;
 - (10) 476 lf. perf. corr. S. M. pipe underdrain;
 - (11) 115 sq. yds. mortar backfill seal;
 - (12) 1 ea. drop inlets—18-in.;
 - (13) 1 ea. reinf. conc. inlet covers;
 - (14) 4 ea. right of way monuments Type A;
 - (15) 32 ea. culvert markers;

Plans and specifications may be obtained from the above office upon deposit of \$10, returnable. 29

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 1, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading Section F of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles Co., Calif. The length of the project is 2,955 miles.

The work involves:

- (1) 24 acres clearing;
- (2) 24 acres grubbing;
- (3) 230,000 c.y. unclass. excav. and;
- (4) 1300 c.y. unclass. excav. for structures;
- (5) 73,600 sta. yds. overhaul;
- (6) 2,055 miles finishing earth graded roads;
- (7) 40 c.v. Class "A" concrete;
- (8) 1100 lbs. reinf. steel;
- (9) 460 l.f. corr. galv. sheet metal pipe;
- (10) 170 l.f. 8-in. perf. corr. sheet metal pipe underdrain;
- (11) 40 sq. yds. mortar backfill seal;
- (12) 4 ea. 8-in. corr. sheet metal pipe elbows;
- (13) 3 ea. Type A spillway inlets;
- (14) 1 ea. Type B spillway inlet;
- (15) 2 ea. drop inlets—24 in.;
- (16) 2 ea. reinf. conc. inlet covers;
- (17) 30 ea. culvert markers.

Plans and specifications may be obtained from the above office upon deposit of \$10, returnable. * 29

BIDS OPENED

NAVAJO COUNTY, Ariz.—N. G. Hill, Phoenix, at \$237,813 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Showlow-Holbrook Highway, PA 136-A (1) (1939) AFE 7704. The work, which is to begin near Showlow and to extend northerly about 9.8 miles, consists of grading and draining over a new alignment and is to be completed on or before July 31, 1939.

Total bids follow:

- N. G. Hill, Phoenix, \$237,813.41
- Tanner Constr. Co., Phoenix, \$239,332.37
- Lee Moor Constr. Co., El Paso, \$244,505.96
- W. E. Hall, Phoenix, \$249,575.08
- Geo. W. Orr, Phoenix, \$255,707.16
- H. J. Hagen, Globe, Ariz., \$256,976.38
- Pearson & Dickerson, Prescott, \$258,415.08
- Heuser & Garnet, Glendale, Calif., \$261,299.68
- Oswald Bros., \$266,120.49
- Warren Southwest, Inc., \$274,852. 29

BIDS WANTED

SISKIYOU CO., Calif.—Until Nov. 1, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for replacement of existing structures on 0.306 miles at Louis, Butler and Merrill Creeks, Section A, of Route 93, the Salmon River National Forest Highway, Klamath National Forest, Siskiyou County, Calif.

Work involves:

- 1) 1 acre clearing;
- 2) 1 acre grubbing;
- 3) 8,000 cu. yds. unclass. excav.;
- 4) 600 c.y. unclass. excavation for structures;
- 5) 279 c.y. concrete;
- 6) 33,000 lbs. reinforcing steel;
- 7) 67,500 lbs. structural steel;
- 8) 455 c.y. loose rock retaining wall;
- 9) 80 l.f. corr. galv. sheet metal pipe;
- 10) 175 l.f. corr. galv. multiplate

metal pipe;
(11) 127 c.y. hand laid riprap.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

BIDS WANTED

ALPINE COUNTY, Cal.—Until November 4, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing a bridge on 3.329 miles of Section B of Route 87, the Clark Fork National Forest Highway, Stanislaus National Forest, Alpine County.

Work involves:

- (1) 21 acres clearing;
- (2) 21 acres grubbing;
- (3) 25,500 c.y. unclass. excav.;
- (4) 1250 c.y. do for struc.;
- (5) 12,700 c.y. do for borrow;
- (6) 237,000 sta. yds. overhaul;
- (7) 3,230 miles finishing earth graded road;
- (8) 195 c.y. concrete;
- (9) 15,000 lbs. reinf. steel;
- (10) 32,500 lbs. structural steel;
- (11) 350 c.v. Class B cement stone masonry;
- (12) 52 c.y. cement rubble masonry;
- (13) 116 c.v. loose rock retaining wall
- (14) 2072 l.f. corr. galv. sheet metal pipe;
- (15) 75 c.y. loose riprap;
- (16) 40 lbs. bronze bearing plates;
- (17) 44 ea. culvert markers;
- (18) 2 ea. guide posts.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 29

BIDS OPENED

LEWIS CO., Wash.—Sam Orino, Portland, at \$160,208.50 submitted the low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing or improving approximately 0.797 mile grading and 0.263 mile of partial grading on Mt. Rainier National Park-Stevens Canyon Highway, Project 4-C2, Unit 2, Grading, National Park Road Project, located within the Mt. Rainier National Park, Lewis Co., Wash.

Total bids follow:

- Sam Orino, Portland..... \$160,208.50
- Colonial Const. Co. Spokane 166,674.40
- A. C. Greenwood Co., Inc., Portland..... 173,168.50
- Alex Besoff Co Seattle. 207,887.90
- The Mirene Co., Portland... 211,682.00
- Elliott & Co., Inc., Seattle. 215,827.00
- L. Romano Engr. Co., Seattle..... 318,057.00

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Arizona Sand and Rock Co., Phoenix, at \$49,873.55, submitted low bid and was awarded contract (subject to PWA approval) by the Phoenix City Council, for improving Monroe, Park, Adams and 15th Streets; PWA project.

Total bids follow:

- Arizona Sand and Rock Co., Phoenix, \$49,873.55.
- Daley Corp., San Diego, \$50,120.98.
- W. E. Hall Co., \$50,771.75.
- Oswald Bros., L. A., \$51,508.50. * 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Daley Corp., 4430 Boundary St., San Diego, at \$96,847.25 submitted low bid and was awarded contract (subject to PWA approval) by the Phoenix City Council for improving 15th, 16th, Laurel and 17th Avenues, Palm Lane and McDowell Road, PWA project.

Total bids follow:

- Daley Corp., San Diego, \$96,847.25.
- Arizona Sand and Rock Co., Phoenix, \$97,080.85.
- W. E. Hall Co., \$98,218.30.
- Oswald Bros., L. A., \$100,301.65. * 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until November 10, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for placing a bituminous treated surfacing (Type B-1) on 12,509 miles Sections A, B, C, D and E of Route 61, the Angeles Crest National Forest Highway, Los Angeles Co., Calif.

Work involves:

- (1) 65 tons slow curing asphalt (Type SC-2) for bituminous treatment;
- (2) 12,509 miles Type B-1 road mix surfacing laid;
- (3) 2450 tons slow curing asphalt (Type SC-3) for Type B-1 road mix;
- (4) 100 tons cutback asphalt (Type EC) Class B Seal.

Plans and specifications may be obtained from the above office upon the deposit of \$10. * 29

BIDS OPENED

SAN FRANCISCO.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$12,333.25 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 205, for furnishing, delivering and spreading approx. 190,000 gals. of emulsified asphalt on Lake Merced Blvd.; PWA project. Total bids follow:

- Lee J. Immel, Berkeley, \$0,0637 per gal. total, \$12,333.25.
- A. N. Blumquist, \$0,0645, total, \$12,622.65.
- Hayward Bldg. Materials Co., \$0,0675 total, \$13,209.75.
- Chas. L. Harney, San Francisco, \$0,07, total, \$13,599.25.
- Hayward Bldg. Supply Co., \$0,07, total, \$13,599.25.
- Fay Improvement Co., San Francisco \$0,073, total, \$14,286.10. * 29

BIDS OPENED

MILL VALLEY, Marin Co., Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$5,068.77 submitted low bid to the Mill Valley City Council, Will Falley, City Clerk, City Hall, Mill Valley for the construction and completion of the necessary grading of sub-grade, the installation and construction of 2 by 6 header boards and the surfacing with penetration macadam pavement on Molino Ave. from Montford Ave. to Janes Street in the City of Mill Valley.

Total bids follow:

- Lee J. Immel, Berkeley, \$5,068.77.
- P. S. Harless, San Rafael, \$5,128.37.
- F. E. Crews, Fairfax, \$5,963.61. * 29

BIDS WANTED

SHASTA C., Calif.—Until November 14, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for placing base course, surface course and bituminous treatment on 12,052 miles Sections E (portion) H and J of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta Co., Calif.

Work involves:

- (1) 23,000 tons 2-inch heavy crushed rock base course;
- (2) 28,000 tons crusher run top course;
- (3) 500 tons supplemental crushed stone;

- (4) 2,000 M. gallons watering;
 (5) lump sum water plant or plants for project;
 (6) 300 tons cutback asphalt for prime coat;
 (7) 2900 tons cover (Class A pavement—split method);
 (8) 215 tons 90-95 liquid asphalt for Class A pavement;
 (9) 38 each culvert markers.
 Plans and specifications may be obtained from the above office upon the deposit of \$10.00. • 29

30—RESERVOIRS & DAMS

SUB CONTRACTS AWARDED

LOS ANGELES, Calif.—Guy F. Atkinson Co., Box 311, San Fernando (Field office; Osborne St., one mile north of San Fernando, Cal.), has announced sub contracts on the Hansen Dam project as follows:
 Relnf. steel complete in place, to J. Phillip Murphy, 3901 Mission St., San Fernando.

Furnishing and batching concrete aggregates to Graham Bros., 3425 Fowler St., L. A.

Core drilling and grouting to Cannon Bros., Box 549, Compton.
 Truck Rental to Camillo Bros., 424 Fernando Court, Glendale. • 30

CONTRACT AWARDED

LOS ANGELES, Calif.—Guthrie-Marsch-Peterson, Chicago, (L. A. representative: W. Earl Roach, 623 W. 5th), W. E. Callahan Construction Co., L. A., J. P. Shirley, L. A., and to W. Condon, Omaha, Nebr., at \$3,640,795 (bidding jointly) awarded contract by the U. S. Engineer, 751 S. Figueroa Street, Los Angeles, under Bid No. 509-39-90, for construction of an earthfill dam on the Santa Ana River at Prada Dam site, Riverside Co. • 30

BIDS OPENED

ST. HELENA, Napa Co., Calif.—Parish Bros., 450 40th St., Oakland, at \$19,512 submitted low bid and was recommended for award of contract (subject to P.W.A. approval) by the Town of St. Helena, E. R. Palmer, City Clerk, for the construction of raising Lower Dam 16-2 of the Municipal Water Works of the Town of St. Helena.

Total bids follow:

Parish Bros., Oakland.....	\$19,512
Harold Smith, St. Helena.....	23,372
N. M. Ball Sons, Oakland.....	23,814
Hackley & Dahlberg, Berkeley.....	32,364
	• 30

LOW BIDDERS

COLORADO PROJECT.—Warner Construction Co., Chicago, at \$4,226,206.20 submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. No. 797, for construction of the Green Mountain Dam and Power Plant, Colorado-Big Thompson Project, Colo.

The three low bids follow:
 Warner Const. Co., Chicago, \$4,226,206.20.

The Utah Const. Co., Ogden, Utah, and Winston Bros. Co., Minneapolis, \$4,258,851.00.

United Const. Co., Winona, Minn., \$4,727,022.13. • 30

31—PIPE LINES & WELLS

BIDS WANTED

FORT LEWIS, Pierce Co., Wash.—Until October 28, 11:00 A. M. bids will be received by the Constructing Quartermaster, Capt. E. P. Antonovich, Fort Lewis, for drilling two deep wells at McChord Field, Pierce Co., Wash.
 Plans and specifications available

from above office.

BIDS WANTED

PHOENIX, Maricopa Co., Ariz.—Until October 20, 11 A. M., bids will be received by the Maricopa County Municipal Water Conservation District No. 1 for drilling, casing, perforating and sand balling of two irrigation wells, 16-in. in diam., located approx. one mile southeasterly of Dewey, Ariz., in accordance with spec. which may be obtained at the office of the district 927 Title & Trust Bldg., Phoenix, Ariz., upon deposit of \$2.50, returnable. Certified or cashier's check for 5% must accompany each proposal. Raymond Alec, secretary. • 31

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$3,168,000 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 190, for laying 8-inch cast iron mains in Innes Avenue and Coleman St. • 31

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$9,907,52 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 187, for laying of 6, 8 and 12-inch cast iron mains in 37th, 38th, 39th Avenues, Lawton and Quintara Sts., San Francisco. • 31

BIDS WANTED

SAN FRANCISCO.—Until October 21, 3:00 P. M., bids will be received by the S. F. Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. W. D. 193, for laying of 6-inch and 8-inch cast iron mains in Lakeside subdivision No. 2 (north portion), San Francisco.

Work involves:

- (1) 5015 l.f. excav. and backfill for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
- (2) 10 c.v. additional excav. and backfill;
- (3) no item 3;
- (4) Installing Pipe:
 - (a) 1379 l.f. 6-inch bolted joint cast iron pipe;
 - (b) 3636 l.f. 8-inch bell and spigot cast iron pipe;
- (5) 6700 lbs. fittings, gate valves, etc., installed;
- (6) 120 l.f. bell and spigot joints for pipe and fittings;
- (6a) 230 bolted joints for 6-inch cast iron pipe;
- (7) 40 sq. ft. street pavement;
- (8) 71 ¾-inch screw taps installed;
- (9) 1065 ¾-inch copper service pipe installed;
- (10) Furnishing cast iron pipe—Class 150:
 - (a) 1379 l.f. 6-inch bolted joint pipe at \$0.75 per l.f.
 - (b) 3636 l.f. 8-inch bell and spigot cast iron pipe at \$1.10 per l.f.

(11) Furnishing bell end gate valves:

- (a) one 4-inch valve at \$12.00;
- (b) two 6-inch valves at \$17.00 each;

(c) 8 8-inch valves at \$22.50 ea. 6000 lbs. furnishing bell and spigot cast iron fittings at \$0.06 per lb.;

(12) 700 lbs. steel bands and bolts at \$0.05 per lb.;

(14) 1065 l.f. ¾-inch copper service pipe at \$0.17 per l.f.;

(15) lump sum, furnishing ¾-inch fittings for services at \$97.00;

(16) lump sum, engineering and supervision at \$75;

(17) Connections at \$123.

Plans and specifications may be obtained from the Cashier's office, 6th Floor, S. F. Water Department Building, 425 Mason St., S. F., upon the deposit of \$5.00. • 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

TACOMA, Wash.—L. Coluccio, 1638 Lane, Seattle, at \$218,947 awarded contract by the Board of Contracts & Awards, City Hall, Tacoma, for the construction of 48- and 60-inch concrete pipe sewers with catchbasins, steel lining in steel arch culverts, etc. PWA Docket 1373-F. • 32

BID CALL WITHDRAWN

SANTA PAULA, Ventura Co., Cal.—The call for bids for the construction of the 7200-ft. of 24-inch outfall sewer has been withdrawn as it was advertised prematurely. The city is awaiting approval by the state and will not re-issue the call for bids until approval is received. Plans prepared by Harry M. Jenks, consulting engineer.

This withdrawal does not affect the sewage disposal plants, bids for which will be received on October 13 as previously noted. • 32

CONTRACT AWARDED

OAKLAND, Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, awarded contract by the Oakland City Council, W. W. Chappel, City Clerk, City Hall, for construction of Diamond Canyon sanitary outfall sewers with appurtenances between Leimert and Mountain Blvd., Oakland.

Work involves:

- (1) 2633 l.f. 21-inch reinforced concrete pipe sewer;
- (2) 917 concrete jackets;
- (3) 483 with concrete cradles;
- (4) 721 6x6 7-ft. reinf. conc. culvert exclusive of reinforcing steel;
- (5) 237 6x6 7-ft. tunnel with reinf. concrete lining, exclusive of the reinforcing steel;
- (6) 246 c.y. concrete, end walls, aprons and dam, exclusive of reinforcing steel;
- (7) 114,102 lbs. reinforcing steel;
- (8) 6 standard manholes;
- (8) 2 manhole covers;
- (10) 13 special manholes;
- (11) 1 lamphole;
- (12) 2 drop connections.

Unit prices follow:

- (1) \$15; (2) \$6.50; (3) \$16; (4) \$26;
- (5) \$35; (6) \$30; (7) \$0.05; (8) \$175;
- (9) \$150; (10) \$250; (11) \$25; (12) \$20.

CONTRACTS AWARDED

SACRAMENTO, Calif.—Manuel Smith, 588 22nd Street, Oakland, at \$1590 submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for construction of the 50th Street sewers in the City of Sacramento.

Total bids follow:
 Manuel Smith, Oakland, \$1,590.00.
 Holdener Construction Co., Sacramento, \$1,628.00.

Pacific States Const. Co., an Francisco, \$2,488.00.

J. W. Terrell, Sacramento, \$2,600.00. • 32

BIDS WANTED

SACRAMENTO, Calif.—Until Oct. 21, 8:15 P. M. bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of the Markham and Castro Streets sewers in the City of Sacramento.

Plans and specifications may be obtained from the above office upon the deposit of \$25. • 32

CONTRACT AWARDED

SACRAMENTO, Cal.—M. J. Lynch, 1435 Church St., San Francisco, cal. \$57,335 submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the construction of the L and M Streets sewers in the City of Sacramento.

Total bids follow:
M. J. Lynch, S. F., \$57,335.00.
Union Paving Co., S. F., \$61,220.00.
MacDonald & Kahn Co. Ltd., S. F., \$63,436.00.
Artukovich Bros., Hynes, \$64,380.00.
Robert E. McNair, Oakland, \$65,000.00.

VCK Construction Co., L. A., \$65,400.00.
Gogo and Rados, L. A., \$71,260.00.
J. W. Terrell, Sacramento, \$75,900.00.

Pacific States Const. Co., S. F., \$78,278.00.
A. Teichert & Son, Inc., Sacramento, \$81,200.00. * 32

BIDS WANTED

SACRAMENTO, Calif.—Until Oct. 21, 8:15 P. M. bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of the 26th Street sewers in the City of Sacramento.

Plans and specifications may be obtained from the above office upon the deposit of \$25. * 32

BIDS WANTED

SACRAMENTO, Cal.—As previously reported, until October 21, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of Markham and Castro Ways and 26th Street sewers in Sacramento.

Plans and specifications may be obtained from the above office upon deposit of \$25, refundable. * 32

BIDS WANTED

COVINA, Los Angeles Co., Calif.—Until Oct. 24, 7 P. M. bids will be received by Covina city clerk, City Hall, Covina, for construction of sewage disposal plant in accordance with plans and specifications prepared by Koebig & Koebig, consulting engineers, 821 Rowan Bldg., L. A. Bids will be received on:

- (1) pumping plant, complete, including sewage pit, clear water pit, pump house, incinerator and all piping, valves, electric conduit, switchboards, lighting system and mechanical equipment;
- (2) recirculation pump sump, including pumps, motors, electric wiring, switchboards, piping, valves and structures;
- (3) primary clarifier, including mechanical equipment, piping and valves;
- (4) secondary clarifier, including same;
- (5) primary rapid filter, including rock, structures, tile, distrib. arm, etc.;
- (6) secondary rapid filter, including same;
- (7) clarified-flocculator, incl. mech. equipment, piping, valves, etc.;
- (8) primary digester, incl. mech. equipment, gas equipment, piping, valves and tops;
- (9) secondary digester, incl. same;
- (10) 2 rapid sand filters, incl. piping, valves, sand and mech. equip.;
- (11) piping and valves in and around plant;
- (12) 2 sludge beds, incl. tilling, sand, etc.
- (13) (a) drainage wells;
(b) per ft. below 50 ft.;
- (14) chemical house, incl. bldg., mechanical equip., chemical pipe lines in said house and around

- plant;
- (15) 972.42 ft. 12-in. vit. clay pipe, laid;
- (16) 52 ft. 18-in. vit. clay pipe, laid;
- (17) 1 drop manhole;
- (18) 2 standard manholes;
- (19) 1320 l.f. industrial fence set in concrete foundations;
- (20) 1320 l.f. industrial fence set in curb to be constructed by city, including gate;
- (21) flood lighting system around plant;
- (22) name plates;
- (23) project sign and office facilities —PWA-REI.

Plans and specifications are available from Koebig & Koebig upon deposit of \$15, returnable. Certified or cashier's check or bid bond, 5%, must accompany bid. * 32

33— WATER WORKS

BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 25, 10 A. M. bids will be received by Metropolitan Water District, L.A., for construction of San Gabriel River spillway and appurtenant work for the Colorado River Aqueduct distribution system, Spec. 290. The work is located in San Gabriel Canon about 18 miles easterly from Pasadena, Sec. 13, Township 1 N, Range 10 W, SBB&M. The work involves:

- (1) 750 c.y. excav. for spillway structure;
- (2) 680 c.y. excav. for tunnel;
- (3) 15 c.y. excav. for bulkhead collar;
- (4) 5 tons furnish and erect steel support in tunnel;
- (5) 10 M ft. b. m. furnish and place permanent timbers in tunnel;
- (6) 110 c.y. concr. in spillway;
- (7) 360 c.y. concr. in tunnels;
- (8) 18,000 lbs. placing reinf. steel in spillway struc.;
- (9) 27,000 lbs. placing reinf. steel in tunnels;
- (10) does not apply;
- (11) 100 ft. drilling grout holes;
- (12) 25 connections for grouting;
- (13) 24 c.y. mixing and placing grout;
- (14) 3,700 lbs. Install misc. metal;
- (15) 220 ton-mi. haul steel;
- (16) 1,200 ton-mi. haul cement. * 33

BIDS WANTED

VENTURA COUNTY, Calif.—Until October 17, 10 A. M., bids will be received by Ventura county supervisors for construction of drainage system of concrete lined ditch, concrete pipe and open canal, and raise road level to grade and cross-section. The work involves:

- (1) 159 c.y. reinf. conc., Class A;
- (2) 13,000 lbs. reinf. steel;
- (3) 1060 lf. 42-in. reinf. conc. pipe, Class M;
- (4) one 42-in. angle and riser pipe unit;
- (5) 140 c.y. struc. excav.;
- (6) 1770 c.y. pipe line excav.;
- (7) 7700 c.y. channel excav.;
- (8) 25 stations to be finished;
- (9) 75 tons SC-2 asphalt;
- (10) 9300 sq. yds. preparing, shaping and mixing subgrade.

Plans and specifications are available from County Surveyor. * 33

34— PARKS AND PLAY-GROUNDS

BIDS WANTED

SHELTON, Wash.—Until Nov. 4, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. P. O. at Shelton, Wash.

Drawings and specifications obtain-

able from the above office and from the Custodian of the building at Shelton. 34

35— TUNNELS

October 7, 1938

CONTRACT AWARDED

GRAND COULÉE, Wash.—Consolidated Builders, Inc., has been awarded a supplementary contract by the Bureau of Reclamation at \$773,100 to excavate 12 tunnels to their full length through which water will be pumped to the balancing reservoir in Washington. The contractors engaged in completing the Columbia River Dam were under contract to excavate the tunnels to a depth of 36 feet into the canyon wall. The change will require several hundred additional feet of excavation at an angle upward to the top of a rise. Water pumped through the tunnels will flow into the reservoir in the Grand Coulee itself. Officials explained that excavation already done has disclosed such a poor class of rock that engineers said it will be necessary to complete all excavation and blasting now.

SAN FRANCISCO COUNTY UNDER \$1000

ALTER fish grotto, \$100; 281 Bayshore Bldg.; owner, King and Webb, premises.

ALTER dwelling, \$200; 123 San Jose Ave.; owner, Ruth Johnson, prem.

SIGN, electric, \$150; 1560 Powell St.; owner, North Star Cafe, prem.; contractor, Apex Electric Co., 363 Fell St.

SIGN, electric, \$120; 1201 Taraval; owner, Geo. Pucclin, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$130; 183 West Portal Ave.; owner, XLCR Gas Furnace Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$250; 642-44-46 Ashbury; owner, Socrates Orghinos, 246 Frederick St.

ALTER dwelling, \$140; 364 30th Ave.; owner, Samuel L. Yoho, prem.

ALTER cafe, \$200; 77 Broadway; M. Calderella, prem.; contractor, Amiot and Boehm, 329 Connecticut.

ALTER flats, \$750; 1162-60 Filbert St.; owner, M. Goodyear, 2164 Hyde St.; contractor, G. B. De Lucchi, 2 Sharp Place.

ALTER store, \$900; 1050 Taraval St.; owner, H. Rabinovich, 511 Central Ave.; contractor, W. Horstmeier, 31 Ord St.

ALTER dwelling, \$200; 96 Castro St.; owner, A. L. Podesta, 145 Loyal St.; contractor, A. A. Alteration Carpenter Shop, 3122 Geary Blvd.

FLUE, \$30; Jefferson and Taylor Sts.; owner, Joe Di Maggio.

SIGN, electric, \$150; 1257 Market St.; owner, Carl Hock Sport Shop, prem.; contractor, Apex Electric Co., 363 Fell St.

SIGN, electric, \$120; 1201 Taraval St.; owner, Geo. Pucclin, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$150; 100 Steiner St.; owner, A. Geifand, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$250; 1630 Haight St.; owner, M. Phillips, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

ALTER store, \$40; 5118 3rd St.; owner, James Joyce, 873 Main St., Redwood City.

ALTER dwelling, \$100; 878 Dolores St.; owner, W. Friedel, 882½ Dolores St.

NAVAJO CO., ARIZ.—HWY. CONSTR.—(STATE)

NAVAJO COUNTY, Ariz.—N. G. Hill, Route 6, Box 551, Phoenix, at \$237,813.41 submitted the low bid to the Arizona State Highway Commission, Phoenix, for construction of Showlow-Holbrook Highway, FA 136-A (1) (1939) AFE 7704. The work, which is to begin near Showlow and extend north about 9.8 miles, consists of grading and draining over a new alignment and is to be completed on or before July 31, 1939. The work involves:

- (1) 69,205 c.y. rdwy. excav., unclass.
(2) 3,100 c.y. slides and overbreakage;
(3) 3,019 c.y. drainage excav., unclass.
(4) 2,900 ft. grader ditches;
(5) 500 ft. crown ditches;
(6) 15,500 ft. 2x1-ft. dikes;
(7) 585 c.y. dikes (larger than 2x1-ft.);
(8) 1,062 c.y. struc. excav., unclass.;
(9) 163,864 sta. yds. overhaul;
(10) 3,345 c.y. ml. haul;
(11) 70,182 c.y. imported borrow;
(12) 102,839 c.y. imported borrow base course;
(13) 22,444 tons select material base course;
(14) 30,000 c.y. stripping pits;
(15) 3,500 M. gals. sprinkling (CIP):

Table with 10 columns (A) through (J) and 28 rows of numerical data representing bids for various construction items.

SONOMA COUNTY—GRADING & SURFACING—(State)

SONOMA COUNTY, Cal.—Parrish Bros., Eldridge, at \$47,480, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile of grading, applying road-mix surface treatment and installing culverts between Boiler Gulch and Miller Creek, Sonoma County.

- Work involves:
(1) 760 M. gals. water;
(2) 50,000 c.y. rdwy. excav., unclass.;
(3) 2,000 c.y. struc. excav.;
(4) 44 sta. finish roadway;
(5) 32 c.y. light riprap;
(6) 10 tons liquid asphalt, SC-3;
(7) 9,700 sq. yds. prepare, mix and shape roadbed;

Table with 6 columns (A) through (F) and 10 rows of numerical data representing bids for Sonoma County grading and surfacing.

ALTER flats, \$450; 8 and 8 1/2 Vicksburg; owner, James F. and Gertrude L. Monroe, Frem.

ALTER dwelling, \$75; 789 Arguello Blvd.; owner, H. C. Barner, prem; contractor, C. H. Anderson, 2259 Geary St.

ALTER store, \$500; W. 3rd St. 275 S. 22nd St.; owner, Wm. F. Rancke, 1163 Tennessee; contractor, T. W. McClenahan, 333 16th Ave.

DWELLING, 1-story frame, \$500; S. Woolsey 60 E. Bowdoin; owner, C. N. Miller, 498 Hoffman.

ALTER warehouse, \$700; 440 Golden Gate Ave.; owner, Mr. Blais, 538 Polk St.; contractor, G. M. Hantzsche, 455 32nd Ave.

FLUE, \$15; 620 Brussels; owner, J. Fagari 620 Woolsey; contractor, P. L. Perlin, 325 Wayland St.

FLUES, \$75; 1675 Palou Ave.; owner, E. LaSalletti, 1675 Palou Ave.; contractor, James Evans, 667 Paris St.

WALL, \$200; W. 3rd St. 365 S. 22nd St.; owner, Wm. F. Rancke, 1163 Tennessee St.; contractor, T. W. McClenahan, 333 16th Ave.

ALTER service station, \$400; S. W. Mission and Silver Ave.; owner, Richfield Oil Corp., premises; contractor, H. T. Gettins Co., 268 13th St.

FLUE, \$15; 580 Pennsylvania; owner, Bertolos, prem.; contractor, P. L. Perlin, 325 Wayland St.

SIGN, electric, \$130; 415 Taylor St.; owner, Bohemian Garage, prem; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER flats, \$400; 1841 Mason St.; owner, J. Gernasio, 1833 Mason St.; contractor, Jerome Dal Bon and Son, 47 Valparaiso

ALTER flats, \$350; 850 Capp Street; owner, James Fefesoff, premises; contractor, Berg Bros., 854 35th Avenue.

ALTER apt., \$500; 932-50 Stockton St.; owner, Lunn Investment Co., 932 Stockton St.

ALTER flats, \$500; 1035 Mason St.; owner, Jerome A. Hart, 138 Yerba Buena

ALTER flats, \$350; 62 Vicksburg St. owner, Mathew Wolfe, prem.

ALTER warehouse, \$400; Sacramento and Buchanan; owner, Stanford University, Clay and Webster; contractor, Geo. Wagner, 181 South Park.

FLUE, \$70; 2279 30th Ave.; owner, R. Riordan, 1275 Filbert Street; contractor, Able Mfg. Sheet Metal & Htg. Co., 3456 Mission St.

FENCE, \$200; NE Bancroft Ave. and Ingalls; owner, A. D. Schader, 144 Spear St.

- (16) 2,000 hours rolling;
(17) 415 cu. y. Class A concrete;
(18) 32,064 lbs. reinf. steel;
(19) 376 ft. 18-in. CMP;
(20) 494 ft. 24-in. CMP;
(21) 378 ft. 30-in. CMP;
(22) 248 ft. 36-in. CMP;
(23) 78 ft. resetting 24-in. CMP;
(24) 1 resetting cattle guard;
(25) 105,862 ft. standard line fence;
(26) 20 each standard wire gates (type 2);
(27) 1 each stand. steel gates (type 1);
(28) 72 each R/W markers (type A).

The total bids were:
(A) N. G. Hill, Phoenix, \$237,813.41.
(B) Tanner Const. Co., Phoenix, \$239,886.74.
(C) Lee Moor Constr. Co., El Paso, \$244,505.96.
(D) W. E. Hall, Phoenix, \$249,575.08.
(E) Geo. W. Orr, Phoenix, \$255,707.16.
(F) H. J. Hagen, Globe, Ariz., \$250,521.38.
(G) Pearson & Dickerson, Prescott: \$258,415.28.
(H) Heuser & Garnet, Glendale, Cal., \$261,299.68.
(I) Oswald Bros., \$266,120.49.
(J) Warren Southwest, Inc., \$271,852.00.

Unit bids were:

Table with 10 columns (A) through (J) and 28 rows of numerical data representing unit bids for various construction items.

- (8) 185 MFMB of Redwood timber, dense select all-heart structural grade;
(9) 246 Lf. 90-inch multi plate CMP 53-11;
(10) 1 lot remove and dispose of existing timber bridges.

Total bids follow:
(A) Parrish Bros., Eldridge, \$47,480.
(B) John Burman & Sons, Eureka, \$49,247.00.
(C) N. M. Ball Sons, Berkeley, \$49,522.00.
(D) Guerin Bros., San Francisco 552-082.00.
(E) E. T. Lesure, Oakland, \$58,513.00.
(F) Pacific States Const. Co., San Francisco, \$58,962.00.

Table with 6 columns (A) through (F) and 10 rows of numerical data representing unit prices for Sonoma County grading and surfacing.

ALTER dwelling, \$495; 50 Fair Oaks; owner, Mr. Sienni, 66 Mirabel; contractor, Miller Const. Co., 3917 Mission St.
ALTER dwelling, \$500; 2926 21st St.; owner, Catherine V. Coakley, premises; contractor, California Home Imp. Co., 393 9th St.
ALTER dwelling, \$500; 154 Downey; owner, A. Novan, 150 Downey.
FLUES, \$60; 2116 Baker St.; owner, Frank Adelstein, premises; contractor, Empire Htg. & Plbg., 2707 Geary Blvd.
FLUE, \$84; 4174 17th Street; owner, Lucysinski, premises; contractor, Able Mfg. Sheet Metal & Htg. Co., 3456 Mission St.
SIGN, electric, \$100; 3819 17th St.; owner, Jack Wood, premises; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER refrigerator, \$140; 2980 23rd St.; owner Frank J. Balduc, Oak-

ALTER church, \$500; 2955 Steiner St.; owner, Episcopal Bishop of Calif., 1055 Taylor St.

ALTER flats, \$600; 1553A California; owner, H. R. Hubbard, 985 Market St.; contractor, American Art Tile Co., 231 Franklin St.

ALTER flats, \$300; 634 Capp Street; owner, Alfred Schiessle, prem.

ALTER dwelling, \$450; 78 Manchester; owner, Chas. Meister, prem.

ALTER dwelling, \$125; 3502 23rd St.; owner, A. Liberti, prem.; contractor, D. Cappelletti, 3155 Army St.

SIGN, electric, \$300; 1201 Taraval St.; owner, Geo. Pucini, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$130; 4369 Mission St.; owner, XLCR Furnace Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

GARAGE, frame, \$200; E. 16th Ave., 70 N. Pacheco; owner, Jos. P. Blackman, 1982 16th Ave.

ALTER flats, \$275; 725 Ruthland Ave.; owner, H. E. Douthery, 186 Leland Ave.; contractor, A-1 Contracting Co., 2433 Fillmore St.

ALTER dwelling, \$150; 157 24th Ave.; owner, Ella M. Donovan, 279 Dolores St.; contractor, A. J. Tole, 1112 Fitzgerald Ave.

ALTER dwelling, \$875; 286 Moultrie; owner, M. A. Biancoli, premises; contractor, Carl Frank Co., 305 Bocana.

FLUES, \$50; S.W. Cayuga and Badger; owner, B. Barber, 225 Coleridge Ave.; contractor, Ideal Vent and Sheet Metal Works, 1033 Howard St.

DWELLING, 1-story and basement, frame, \$3000; owner, Lorenzo Besio, 136 3rd Street.

ALTER dwelling, \$1826; 38 Pope St.; owner, Patrick J. Clancey, prem.; contractor, Bernard W. Donner, 3800 Mission St.

ALTER flats, \$150; 337 Liberty St.; owner, James Durke, prem.

ALTER dwelling, \$50; 717 Parket Ave.; owner, Mrs. Haldrick, prem.; contractor, H. Moller, 2712 McAllister St.

FLUE, \$20; 1668 Mission St.; owner, Gus Harms, Civic Center Hotel; contractor, Able Mfg. Sheet Metal and Heating Co., 3456 Mission Street.

ALTER flats, \$500; 2039 Baker St.; owner, Harry Jross, prem.

ALTER office, \$480; 154 Sutter St.; owner, Allen and Co., prem.; contractor, Patterson and Koster

SCHEDULE 17		
(1) .....	.0948	10.45
(2)	22.00	22.90
(3) .....	.70	.60
(4a)	4.00	3.50
(4b)	3.00	3.00
(5)	12,898.90	13,928.36
		15.15
		25.00
		1.00
		4.00
		3.00
		15,783.20

SCHEDULE 18		
(1)		10.45
(2)		22.00
(3)		1,428.84
		.15
		75.00
		2,011.50

LOS ANGELES COUNTY—Grading and Paving—(STATE)

LOS ANGELES CO., Calif.—Geo. J. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, at \$122,205.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 2.7 miles of grading, placing heavy riprap and constructing Portland cement concrete slope paving bet. Frenchman's Flat and Liebre Gulch (VII-LA-4-1), Los Angeles County.

Work involves:

- 48,000 c.y. rdwy. excav., unclass.;
- 500 c.y. struc. excav.;
- 45,000 c.y. ditch and channel excavation;
- finish rdwy.;
- 53,000 lbs. bar reinf. steel;
- 2 c.y. Class A Portland cement

concrete struc.;

- 1,450 c.y. Class A Portland cement concrete slope paving;
- 120 l.f. 24-in. CMP;
- 50,500 tons heavy riprap.

Total bids follow:

- Geo. J. Bock Co., Los Angeles, \$122,205.00.
- Claude Fisher Co., Ltd., Los Angeles, \$145,710.00.
- Ralph A. Bell, Monrovia, \$164,485.00.
- United Concrete Pipe Corp., Los Angeles, \$174,400.00.
- Griffith Co., Los Angeles, \$195,381.00.
- Nick Perscallo, Los Angeles, \$199,937.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$.85	\$ 3.31	\$.83	\$.31	\$ 1.45	\$ 1.25
(2)	3.00	2.00	3.00	2.50	2.00	2.50
(3) .....	.55	.36	1.05	.98	1.00	.50
(4)	700.00	500.00	250.00	1000.00	600.00	750.00
(5) .....	.05	.055	.06	.05	.06	.06
(6)	30.00	40.00	35.00	25.00	40.00	25.00
(7)	14.50	13.00	15.00	15.00	19.00	24.75
(8)	3.50	3.00	3.50	3.00	3.30	4.75
(9) .....	.60	.85	.95	.80	.95	1.50

KERN COUNTY—GRADING—(STATE)

KERN COUNTY, Cal.—Rexroth & Kerno, 2110 C. Sta. A, Bakersfield, at \$34,813.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 16.8 miles of grading and treating with liquid asphalt between Weed Patch and Wheeler Ridge, Kern Co.

Work involves:

- Clear and grub;
- 26,700 c.y. rdwy. excav., unclass.
- 12,000 sta. yds. overhaul;
- 1,830 c.y. ditch excav.;
- 4,900 c.y. imported borrow;
- 25,950 c.y. imported surf. material;
- 600 tons liquid asphalt, SC-2 penetration oil treatment;
- 780 cy. struc. excav.;
- 72 c.y. Class A Portland cement conc. struc.;
- 6,500 lbs. bar reinf. steel;

(11) 9.3 MF8M dense select all heart struc. rdwy.;

(12) 34.4 MF8M select all heart do;

(13) 6 each clearance markers;

(14) 238 l.f. 18-in. CMP;

(15) 600 l.f. 24-in. CMP;

(16) 46 l.f. 30-in. CMP;

(17) 46 l.f. 36-in. CMP;

(18) 48 l.f. 48-in. CMP.

Total bids follow:

- Rexroth & Kerno, Bakersfield, \$34,813.00.
- Oilfields Trucking Co., Bakersfield, \$36,372.50.
- Griffith Co., Los Angeles, \$36,412.10.
- Basich Bros., Torrance, \$37,378.20.
- Heuser & Garnett, Glendale, \$40,218.00.
- Claude Fisher Co., Ltd., Los Angeles, \$42,010.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$250.00	\$1000.00	\$ 600.00	\$5500.00	\$4100.00	\$1000.00
(2) .....	.26	.25	.26	.29	.28	.38
(3) .....	.02	.02	.006	.005	.01	.02
(4) .....	.35	.20	.22	.25	.40	.75
(5) .....	.40	.38	.37	.30	.40	.40
(6) .....	.40	.38	.35	.20	.40	.45
(7)	6.50	7.00	8.30	7.50	8.00	7.75
(8)	1.00	1.00	.65	.90	1.25	1.25
(9)	25.00	25.00	25.00	25.00	25.00	25.00
(10) .....	.06	.06	.05	.07	.05	.06
(11)	105.00	165.00	120.00	106.00	110.00	125.00
(12)	105.00	135.00	100.00	95.00	110.00	115.00
(13)	5.00	3.00	9.00	2.00	5.00	10.00
(14)	2.00	2.00	1.70	2.00	2.00	2.00
(15)	2.50	3.00	2.50	2.50	2.50	2.50
(16)	5.00	3.75	3.30	3.15	3.50	3.00
(17)	7.00	5.25	5.00	4.50	5.00	4.50
(18)	8.00	6.50	6.70	6.50	7.00	6.25



The
"BUILDER-WAY"
is the
"MODERN-WAY"
to
Buy and Sell
EQUIPMENT

*
For further information consult:

Daily Pacific Builder
465 TENTH ST. | OR | Market 7110
Stark-Rath Publ. Co.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public Agencies.

WAR DEPARTMENT

SAN FRANCISCO.—Until Oct. 20, 1:30 A. M., bids will be received by the U. S. Engineer Office, The Division Engineer, South Pacific Division, 414 Custom House, San Francisco, and at 9 A. M., by the District Engineer, foot of Channel St., Honolulu, T. H., under Bid No. 414-99-26, for furnishing approximately 556 short tons of steel sheet piling and structural steel shapes of several sections and in various lengths; ob Honolulu, T. H.

Plans and specifications available from above offices.

SACRAMENTO, Calif.—Until Oct. 8, 3:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-96, for furnishing approximately 3000 solid cu. yds. riprap tone delivered along the banks of the Sacramento River between Colinsville and the vicinity of mouth of Cache Slough.

Plans and specifications available from above office.

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

OCTOBER 18, 3:00 P. M.

BID No. 1105-39-99—Steel pipe, tees, unions, nipples, valves; f.o.b. Rio Vista.

OCTOBER 19, 3:00 P. M.

BID No. 1105-39-98—Nuts, bolts, nails, tacks; f.o.b. Rio Vista.

FORT MASON, Calif.—Until Oct. 6, 10:00 A. M. bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 923-39-113, for furnishing leather, wire rope, heaters, tire cement, screws, extensions and misc. truck parts; f.o.b. Motor Warehouse, Presidio of S. F.

SAN FRANCISCO.—Until October 1, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 01 Custom House, San Francisco, under Bid No. 868-39-119, for furnishing one dredge pump shaft; f.o.b. Presidio of S. F.

SAN FRANCISCO.—Until October 10, 3:00 P. M. bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 01 Custom House, San Francisco, under Bid No. 868-39-120, for 1200 gal. asphalt asbestos trowel coat and 65 gal. asphalt primer; f.o.b. Fort Cronkhite, Marin Co.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until October 10, 2:00 P. M. bids will be received by the Forest Service Regional Office, Geo. D. Huestis, Asst. Procurement Officer, 1018 Phelan Building, San Francisco, under Bid No. 1372, for furnishing one furnace complete with warm air pipes and fittings, cold air return pipes, vent pipe, registers, register boots, boxes and cold

air return grille; f.o.b. shipping point and/or Yreka, Calif.

CANAL ZONE

PANAMA CANAL.—Until October 20, 10:30 A. M., bids will be received by the General Purchasing Officer, Washington, D. C., under Sch. No. 3390, for furnishing misc. supplies and materials, including:

Steel tank (4000-bbl. capacity), fabricated structural steel, galv. or asbestos protected metal roofing, galv. corr. siding, naval brass bars, case-ment operators, welded wrought-iron pipe, cement-lined cast-iron pipe, pipe fittings, gate valves, oxygen-cylinder valves, power-transmission cable, pipe fittings, gas valves, oxygen-cylinder valves, power-transmission cable, magnet wire, electric water heaters, flashlight batteries, panelboards, elec. lighting fixtures, switches, steel fish tapes, lead pipe sleeving, hand taps, drills, steel-wire circular brushes, screw clamps, wood chisels, spading forks, hedge shears, transfer cases and paper; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and materials, as follows:

SCH. 4514—Protecting cap assemblies for eastern wards and Mare Island, Oct. 25.

SCH. 4508—900 ft. non-metallic gasoline hose for Brooklyn; 3000 ft. do for Mare Island, Oct. 21.

SCH. 4503—Carbon, plate, for Sewall's Point, Mare Island and Puget Sound, Oct. 21.

SCH. 4488—Hose for eastern and western yards, Oct. 21.

SCH. 4544—30 motor driven ventilation portable fans for Puget Sound, Oct. 18.

SCH. 4522—Glass window and plate for eastern and western yards, Oct. 25.

SCH. 4515—Motor driven universal shaper for San Diego, Oct. 21.

SCH. 4550—Motor driven fuel oil service pumps for eastern yards and Puget Sound, Oct. 21.

SCH. 4528—Motor driven milling machine and spares for San Diego, Oct. 25.

SCH. 4543—Wire, brass, bronze, lead, conner and steel for eastern and western yards, Oct. 25.

SCH. 4548—Jute burlap for eastern and eastern yards, Oct. 25.

SCH. 4566—Rust preventive compound for eastern and western yards, Oct. 28.

SCH. 4512—100 rubber mats for Sewall's Point; 50 do for San Diego; 2850 lbs. corr. rubber matting for Mare Island, 11,000 lbs. do for Brooklyn and Norfolk; Oct. 25.

SCH. 4580—10 glass dome door glasses for Mare Island, Oct. 25.

SCH. 4572—Battleship hmoletum for eastern and western yards, Oct. 28.

SCH. 4573—1070 sq. yds. wool felt for

eastern yards and Mare Island, Oct. 28.

SCH. 4561—Air hose fittings for eastern and western yards, Oct. 28.

SCH. 4567—20 fans, portable, ventilation, air turbine driven for Puget Sound, Oct. 25.

SCH. 4563—Brick and blocks, insulating and diatomaceous earth for eastern and western yards, Oct. 28.

SCH. 4562—1500 feet 2-inch i. d. bronze steam hose for Brooklyn; 3600 ft. ¾-inch, 1¼, and 1½-inch do for Mare Island, Oct. 28.

SCH. 4569—Steam windlasses and apres for Washington, Mare Island and eastern yards, Oct. 28.

SCH. 4587—electric fans for eastern and western yards, Nov. 1.

SCH. 4606—Mica plate, sheet and tubing for eastern and western yards, Nov. 1.

SCH. 4586—electric fuses for eastern and western yards, Nov. 1.

SCH. 4595—Generators, motor; controllers and spares for Mare Island and Puget Sound, Nov. 1.

LOS ANGELES CITY

LOS ANGELES, Calif.—Until Nov. 15, 2:00 P. M., bids will be received by the L. A. Water & Power Purchasing Agent for galv. steel strand for overhead ground wire, Spec. 2726:

(1) 820,000 ft. ½-in. extra galv. or Bethanized high strength steel wire strand (on 20,000 ft. reels, on 5000 ft. reels);

(a) 200,000 ft. Roscoe;
140,000 ft. Vincent;
240,000 ft. Harold;
240,000 ft. Victorville;

(b) 820,000 ft. (entire quan.) bidder's factory;

(2) 1,980,000 ft. ½-in. extra galv. or Bethanized high strength steel wire strand (on 20,000 ft. reels);

(a) 180,000 ft. Victorville;
260,000 ft. Daggett;
160,000 ft. Harvard;
240,000 ft. Dunn;
400,000 ft. Silver Lake, Calif.;
460,000 ft. Roach, Nev.;
280,000 ft. Boulder City, Nev.;

(b) 1,980,000 ft. (entire quan.) bidder's factory.

LOS ANGELES, Calif.—Until Oct. 18, 2 P. M., bids will be received by the Los Angeles Water & Power Purchasing Agent for copper service connection tubing; Spec. 2796:

(a) 7000 ft. ½-inch tubing;
(b) 90,000 ft. ¾-inch tubing;
(c) 40,000 ft. 1-inch tubing;
(d) 3,000 ft. 1½-inch tubing.

SAN FRANCISCO CITY UNDER \$1000

ALTER dwelling, \$375; 283 Anderson St.; owner, Margaret Sullivan, mrem.; contractor, Carl Frank, 305 Bocana St.

DWELLING, 1-story and basement frame, \$400; W. Plymoth 75 S. Thrift St.; owner, C. L. Thomas, Sausalito; contractor, Swanson & Ward, 4315 Lincoln Way; plans by Ralph Berger, 1742 25th Ave.

ALTER dwelling, \$450; 180 San Pablo Ave.; owner, B. F. Blair, 278 Post St.; contractor, C. Lindberg, 1 Naylor St.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Opens Bids on Bridge
Telephone System

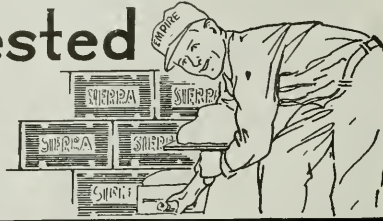


State Architect To Retire November 1st.



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., OCTOBER 22, 1938

No. 43

STATE OPENS 'PHONE SYSTEM, HIGHWAY BIDS

Abbett Electric Low on Bridge Telephone System; Lassen Bids Opened

The State Department of Public Works yesterday opened bids for construction of a telephone system for the railroad facilities of the San Francisco-Oakland Bay Bridge and for 4.4 miles of grading and surfacing in Lassen county.

Abbett Electric Company, at \$16-404, submitted the low bid to the San Francisco-Oakland Bay Bridge Division of the Department of Public Works, San Francisco, for construction of the telephone system.

Total Bids

Total bids follow:

Abbett Electric Co.....	\$16,404.00
George F. Brayer.....	18,503.21
Radelfinger Brothers	19,920.00
Barrett and Hilp.....	22,930.00

Unit prices were submitted on thirteen items. Principal items included: installation of cable; seven type A local battery magnet subscriber sets; 34 subscriber sets of various kinds; and 11 No. 10 cable terminal boxes.

On the principal item, involving installation of cable, Abbett Elec. Company bid \$6,672. Other bids were: George F. Brayer, \$9,720; Radelfinger Brothers, \$11,258; and Barrett and Hilp, \$12,300.

Lassen County

Poulos & McEwen, at \$74,969.80 submitted the low bid to the State Division of Highways in Sacramento for 4.4 miles of grading and surfacing with crusher run base and road-mixed surfacing between Madeline and Likely in Lassen county.

Total bids follow:

Poulos and McEwen.....	\$74,969.80
Harms Brothers	77,372.00
Piazza and Huntley.....	82,123.90
Fredericksen and West- brook	87,508.50
Isbell Construction Co.....	95,222.00
Mountain Const. Co.....	97,433.00
N. M. Ball Sons.....	107,885.10

State Architect Geo. B. MacDougall To Retire Nov. 1

Following twenty-five years of service to the State, George B. MacDougall, State Architect, will retire November 1, the Department of Public Works announces.

Mr. MacDougall was appointed State Architect in 1913, and since that time has supervised the designing of California's State-owned buildings.

San Francisco

The retiring State Architect was born in San Francisco and began the practice of architecture in this city in 1893.

In 1895 he designed the California Bible Society Building. Eighteen years of activity in the architectural field in the Bay Region followed, culminating with his appointment as State Architect in 1913.

During the time he engaged in private practice in San Francisco, he designed many of the city's structures, including some of the work which followed the disastrous San Francisco fire in 1906.

His brother, Benjamin G. MacDougall, who died recently was practicing architecture during the same period, principally in the Central California region.

Leading Designer

During Mr. MacDougall's tenure as State Architect, California has experienced its greatest building program. Many of the State Capitol buildings and State buildings in other parts of California were designed by him.

At present, with the date of his retirement drawing near, Mr. MacDougall is engaged in designing structures for a State-wide building program now underway.

PAMPHLET ISSUED BY WESTINGHOUSE

Rectox Rectifiers designed to counteract galvanic action and electrolysis by maintaining a small direct current from ground to structure, a technique known as "cathodic protection" are described in a 4-page illustrated leaflet published by Westinghouse Electric & Manufacturing Company.

200 DELEGATES AIDED SUCCESS OF SACA MEET

Election of Officers Closes State Association's Convention

The Eleventh Annual Convention of the State Association of California Architects, one of the most successful gatherings ever held by the Association, was a memory yesterday as most of the few remaining delegates left for their homes.

A final check revealed that more than 200 delegates had registered for the San Francisco convention.

Although numerous informal gatherings were held on Sunday, the meet officially closed Saturday morning with the report of the resolutions committee and the election of officers.

New Officers

Sylvanus B. Marston, Pasadena, was elected State president. Other officers are: Gwynn Officer, Berkeley, State vice-president and president of the Northern Section; Wayne S. Hertzka, San Francisco, State secretary; Robert H. Orr, Los Angeles, State treasurer; Winsor Soule, Santa Barbara, secretary of the Southern Section; and Otto Hintermann, San Francisco, treasurer of the Northern Section.

The following were elected to the Board of Supervisors: Harold H. Weeks, William G. Merchant, Frederick H. Reimers, and Ernest Weihe of San Francisco; George D. Riddle, Long Beach; Merrill W. Baird, Glendale; Harry J. Devine, Sacramento; Louis N. Crawford, Santa Maria; and Abe Edelman and Harold C. Chambers of Los Angeles.

Albert J. Evers, regional director of the American Institute of Architects, was named honorary director.

Shipments of deep well water systems amounted to \$193,535 for August, 1938, as compared to shipments totaling \$182,567 for the July, 1938, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
3230	Benson	Owner	4400
3231	Brajkovich	Piaacek	1264
3232	Cal Academy	Dinwiddle	1000
3233	Connor	Owner	1000
3234-7	Doelger	Owner	4000
3238	Doelger	Owner	5000
3239	Doelger	Owner	6000
3240	Garibaldi	Owner	1500
3241	Grosso	Gulati	2000
3242	Koenig	Owner	6000
3243	Lembecke	Pries	4000
3244	Moderate	Owner	2500
3245	P S S & L	Bienfield	1500
3246	Rouseau	Owner	12000
3247	Standard	Owner	3000
3248-50	Standard	Owner	3500
3251	Arnott	Owner	4000
3252	Bohin	Mattock	1000
3253	David	Johnson	5400
3254	Brown	Owner	2000
3255-6	Gall	Owner	4750
3257	Hansberg	Owner	3500
3258	Hansberg	Owner	3500
3259	Heglin	Heglin	4500
3260	Hoppe	Owner	2500
3261	Nelson	Owner	3500
3262	Roberts	Modernization	1050
3263	Simon	Wagner	3000
3264	Stoneman	Owner	5500
3265	Albertazz	Newton	4000
3266	Anderson	Owner	4000
3267	De Piero	Owner	3000
3268	Flahaven	Mattock	1000
3269	Hollan	Massagli	1000
3270	La Palnte	Cal. Home	1000
3271	Morris	Casty	3000
3272	Ogg	Bowman	5000
3273	Schwartz	Owner	3000
3274	Stephens	Olson	1480
3275	Striever	Thomsen	4000
3276	Wisheropp	Johnson	3500
3278	Doelger	Owner	4000
3280	Higgins	Higgins	5000
3281	Marin	Marshall	3578
3282	Musante	Masarie	3000
3283	Rebizzo	Owner	1000
3284	Thorinson	Owner	4000
3285-7	Thorinson	Owner	3500
3288	Yuretick	Owner	3000
3289	Zidich	Tomlin	4000
3290	Barber	Barber	3500
3291	Bertram	Owner	3500
3292	Bruzzone	Mason	1400
3293	Christensen	Owner	4000
3294-6	Christensen	Owner	5000
3297	Ribolini	Ragni	1000
3298-9	Rouseau	Owner	9000
3300	S F Warehouse	Cahill	4500

DWELLING
(3230) W 32nd AVE. 125 N Santiago.
One - story and basement frame dwelling.
Owner and Builder—Andrew J. Benson, 2233 Santiago.
Architect—Not Given. \$4,000

ALTERATIONS
(3231) 1164 DE HARO. Alterations to dwelling.
Owner—K. Brajkovich, premises.
Contractor—Joe Piaacek, 354 Haight.
Architect—Not Given. \$1,264

ALTERATIONS
(3232) 833 MARKET ST. Alter office building.
Owner—California Academy of Sciences, c/o contractor.
Contractor—Dinwiddle Const. Co., Crocker Bldg.
Architect—Not Given. \$1,000

DWELLING
(3233) S 29th ST 30 W Noe. One-story and basement frame dwelling.

Owner and Builder—Ellen Connor, 1718 Post Street.
Architect—Not Given. \$1,000

DWELLING
(3234) NE 17th AVE. and Lawton.
One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING
(3235) W 16th AVE. 25 N Lawton.
One - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000

DWELLINGS
(3236) E 17th AVE. 27, 55, 82, 110, 135 N Lawton. Five 2-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000 each

DWELLINGS
(3237) W 16th AVE. 50, 75 North Lawton St. Two two-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000 each

DWELLING
(3238) NW 16th AVE. and Lawton. Two - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$5,000

(3239) 16th AVENUE and Lomita. Two - story and basement frame dwelling.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$6,000

ALTERATIONS
(3240) 1416 UNION ST. Alter flats.
Owner and Contractor—D Garibaldi, 1552 Green Street.
Architect—Not Given. \$1,500

ALTERATIONS
(3241) 612 BRYANT ST. Alter ahop.
Owner—G. Grosso, premises.
Contractor—S. A. Gulati & Co., 200 Green Street.
Architect—Not Given. \$2,000

FLATS
(3242) E LEAVENWORTH 32 North Bay St. Three-story and basement frame flats.
Owner and Builder—Chas. J. Koenig & Sons, 208 Dorland.
Architect—E. A. Neumarkel, 1374 39th Avenue. \$6,000

DWELLING
(3243) N WAYLAND 82 E Goettlingen. One - story and basement frame dwelling.
Owner—H. Lembecke, 425 Somerset.
Contractor—Carl Pries, 252 Holyoke.
Architect—Not Given. \$4,000

ALTERATIONS
(3244) 3350 STEINER ST. Alter store.
Owner and Contractor—A. Moderate, 3350 Steiner Street.
Architect—Not Given. \$2,500

ALTERATIONS
(3245) 24 THIRD ST. Alter store.
Owner—Pacific States Savings and Loan, Central Tower

Contractor—D. L. Bienfield, 666 Mission Street.
Architect—Albert F. Roller, Crocker First National Bank Bldg. \$1,500

FLATS
(3246) N VALLEJO 112 E Buchanan. Two - story and basement frame flats.
Owner and Builder—Oliver M. Rouseau, 321 Kearny Street.
Architect—Not Given. \$12,000

DWELLINGS
(3247) N MORAGA 82, 107, 132 W 29th Avenue. Three 1-story and basement frame dwellings.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. \$3,000 each

DWELLING
(3248) NW 29th AVE. and Moraga. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. \$3,500

DWELLING
(3249) W 23rd AVE. 343 S Noriega. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. \$3,500

DWELLING
(3250) NE 30th AVE. and Moraga. One - story and basement frame dwelling.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. \$3,500

DWELLING
(3251) N SANTIAGO 86 E 15th Ave. One - story and basement frame dwelling.
Owner and Builder—Jas. A. Arnott, 633 Taraval Street.
Architect—Not Given. \$4,000

ALTERATIONS
(3252) 611 MISSION Street. Alter offices and classrooms.
Owner—Bohin Real Estate Co., 604 Mission Street.
Contractor—A. F. Mattock Co., 212 Chas. Street.
Engineer—Norman B. Green, 55 New Montgomery St. \$1,900

DWELLING
(3253) S JERSEY 270 E Douglas. One - story and basement frame dwelling.
Owner—J. A. David, 616 Diamond St.
Contractor—J. Harold Johnson, 666 Mission Street.
Architect—C. O. Clausen, 746 46th Avenue. \$5,400

ALTERATIONS
(3254) No. One 25th Avenue. Alter dwelling.
Owner and contractor—Helen Brown premises.
Architect—Not Given. \$2,000

DWELLING
(3255) SE 20th AVE. and Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—R. E. Gall, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. 4,750

DWELLING
(3256) E 20th AVE, 41 S Ocean Ave.
One - story and basement frame dwelling.
Owner and Builder—R. E. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$4,750

DWELLING
(3257) E BRUSSELS 100 N Wilde.
One - story and basement frame dwelling.
Owner and Builder—Wm. Hansberg, 130 Wilde Avenue.
Architect—Not Given. 3,500

DWELLING
(3258) E BRUSSELS 125 N Wilde.
One - story and basement frame dwelling.
Owner and Builder—Wm. Hansberg, 13 Wilde Avenue.
Architect—Not Given. 3,500

DWELLING
(3259) W 33rd AVE, 225 S Judah St.
One - story and basement frame dwelling.
Owner—B. Hegin, 1245 24th Avenue.
Contractor—Phil Hegin, 411 Lincoln Way.
Architect—Not Given. \$4,500

DWELLING
(3260) S GILMAN 350 E Ingalls.
One - story and basement frame dwelling.
Owner and Builder—Jos. Hoppe, 321 Paul Avenue.
Architect—Not Given. \$2,500

DWELLING
(3261) W. CORBETT AVE, 340 S. Pemberton. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$3,500

ALTERATIONS
(3262) 1299 ARGUELLO BLVD. Alter guest house.
Owner—Mary E. Roberts, prem.
Contractor—Modernization Co. of California, 3601 Geary Street.
Architect—Not Given. \$1050

ALTERATIONS
(3263) N ARMSTRONG 350 W Lane St. Alter factory.
Owner—Simmons Mattress Mfg. Co., premises.
Contractor—Geo. Wagner, 181 South Park.
Architect—Not Given. \$3,000

DWELLING
(3264) W BEACHMONT DR, 44 S 5th St. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 5th Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5500

DWELLING
(3265) W. CONNECTICUT 138 W. Mariposa. One-story and basement frame dwelling.
Owner—L. Albertazzi, 256 Connecticut.
Contractor—John Newton, 2029 Kirkham.
Architect—Not given. \$4000

DWELLING
(3266) E. 31st AVE, 350 N. Taraval. One-story and basement frame dwelling.
Owner—N. W. Anderson, 614 Taraval Street.
Architect—Not given. \$4000

DWELLING
(3267) E. ELMIRA 225 N. Augusta. One-story and basement frame dwelling.

Owner—Herman De Piero, 92 Conklin Street.
Architect—Not given. \$3000

ALTERATIONS
(3268) 3954 WASHINGTON STREET. Alter dwelling.
Owner—Mr. and Mrs. E. L. Flahaven, 138 28th Ave.
Contractor—A. F. Mattock Co., 212 Clara St.
Architect—Not given. \$1000

ALTERATIONS
(3269) 372 16th AVE. Alter dwelling.
Owner—J. Hollan, prem.
Contractor—Albert Massagil, 3821 Geary Blvd.
Architect—Not given. \$1000

ALTERATIONS
(3270) 320 32nd AVE. Alter dwelling.
Owner—J. W. La Pointe, premises.
Contractor—Calif. Home Imp. Co., 393 9th St.
Architect—Not given. \$1000

ALTERATIONS
(3217) 2332 LAGUNA ST. Alter flats.
Owner—M. Morris, premises.
Contractor—John Casty and Son, 666 Mission St.
Architect—John Davis Young, 2002 California St. \$3000

DWELLING
(3272) E. WILFARD 56 N. Woodland. One-story and basement frame dwelling.
Owner—A. W. Ogg, 1150 Union St.
Contractor—M. M. Bowman, 118 Church St.
Architect—Not given. \$5000

DWELLING
(3273) E. 47th AVE, 400 N. Rivera. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 305 Grant Ave.
Architect—Not given. \$3000

ALTERATIONS
(3274) 1425 KIRKHAM. Alter dwelling.
Owner—F. L. Stephens, premises.
Contractor—Carl Olson and Son, 2386 31st Ave.

DWELLING
(3275) S. NORIEGA 57 E. 18th Ave. One-story and basement frame dwelling.
Owner—Frank Striever, 468½ Bartlett St.
Contractor—John Thomsen, 589 Arch St.
Architect—Not given. \$4000

DWELLING
(3276) E. LADDLEY 209 S. 30th. One-story and basement frame dwelling.
Owner—Fred E. Wisheropp, 23 Laddley.
Contractor—Nils E. Johnson, 168 Lunado.
Architect—Not given. \$3500

ALTERATIONS
(3277) 517 MARKET ST. Alter store.
Owner—Edw. Barron Estate Co, c/o C. S. Wheeler, Jr., Russ Bldg.
Contractor—Segregated Contracts
Architect—Not given. \$2000

ALTERATIONS
(3278) N.E. MARKET AND POLK Sts. Alter theatre
Owner—Capital Co., 625 Market St.
Contractor—Barrett and Hill, 913 Harrison St.
Engineer—L. H. Nishkian, 525 Market St.
Architect—Not given \$2000

DWELLING
(3279) E. 41st AVE 425 S. Kirkham. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St.
Architect—Not given. \$4000

FLATS
(3280) S.W. LONDON AND France. One-story frame flats.
Owner and Builder—Joe Higgins, Inc., 62 Monterey Blvd.
Architect—Not given. \$5000

NURSERY
(3281) N. CALIFORNIA 105 W. Stelner St. One-story frame nursery.
Owner—Martin and Overlook, 2613 California St.
Contractor—F. S. Marshall, 909 Ashbury.
Architect—Wm. Wilson Wurster, 260 California St. \$3578

DWELLING
(3282) E. WISCONSIN 150 N. 20th. One-story and basement frame dwelling.
Owner—R. Mustane, 557 Wisconsin.
Contractor—Masarie and Scatena, 2550 19th St.
Architect—Not given. \$3000

ALTERATIONS
(3283) 847 22nd STREET. Alter garage.
Owner—G. B. Rebibbo, prem.
Architect—Not given. \$1000

DWELLING
(3284) N.E. 33rd AVE and ULLOA. One-story and basement frame dwelling.
Owner—F. H. Thorinsson, 1630 Ocean Avenue.
Architect—Not given. \$4000

DWELLING
(3285) E. 33rd AVE 25 N Ulloa. One-story and basement frame dwelling.
Owner—F. H. Thorinsson, 1630 Ocean Avenue.
Architect—Not given. \$3500

DWELLING
(3286) E. 33rd AVE, 75 N. Ulloa. One-story and basement frame dwelling.
Owner—F. H. and E. Thorinsson, 1630 Ocean Ave.
Architect—Not given. \$3500

DWELLING
(3287) E. 33rd AVE, 50 N. Ulloa. One-story and basement frame dwelling.
Owner—F. H. and E. Thorinsson, 1630 Ocean Ave.
Architect—Not given. \$3500

DWELLING
(3288) S.E. SILVER AVE, 90 N. E. Girard. One-story and basement frame dwelling.
Owner—Rose Yuretick, 39 Wanda.
Architect—Not given. \$3000

DWELLING
(3289) E. MISSOURI 25 S. 17th. One-story and basement frame dwelling.
Owner—John Zidich, 315 Missouri.
Contractor—B. F. Tomlin, 418 Munich St.
Architect—Not given. \$4000

DWELLING
(3290) NW WILDER and Arlington. One - story and basement frame dwelling.
Owner and Builder—H. Barber, 225 College Avenue.
Architect—Not Given. \$3,800

DWELLING (3291) NE CARROLL Ave. 25 SE Quint. One-story and basement frame dwelling.	2489 Pfrang 2490 Williams No. Owner 2491 Christiansen 2492 Mills 2493 Fos 2494 Hillman 2495 Hughes 2496 Hunter 2497 Koenig 2498 Vacchieri 2499 Berkeley 2500 McMittan 2501 Baker 2502 Boyd 2503 Esteller 2504 Fiedlerman 2505-6 Groom 2507 Koenig 2508 Peschel 2509 Peschel 2510 Solari 2511 Stella 2512 Thompson 2514 Holmes 2515 Reiger 2516 Golden State 2517 Kohl 2518 Learner 2519 Strong 2520 Sweetts 2520 Com F S A 2521 Brown 2522 Della 2523 Hastings 2524-5 Hazeline 2526 Ivaldi 2527 Laub 2528 Ordeman 2529 Smalley 2530 Stevensen 2531 Stevensen	Owner Williams Contractor Owner Brunsel Jensen Barr Pfrang Hunter Nichols Golden McWethy Jordan Smith Owner Owner Coward Groom Nichols Owner Owner Tollefsen Ungaretti Hoffman Parks Bradford Owner Leonards Davis Walmstrom QRS Stead Owner Troja Alexander Waldman Owner Zuckermann Owner Needham Johnston Johnston	6500 2900 Amt. 2300 5000 3000 5000 6325 3000 3450 3500 1500 4500 4000 2500 2900 2800 2500 4450 3700 3500 4850 5250 3300 4500 1500 2500 3800 7000 2400 1300 3000 4000 1600 2000 3500 1500 1618 4500 4200 3790 4500	DWELLING (2481) 6110 OCEAN VIEW DRIVE, OAKLAND. One-story, 6-room dwelling. Owner—L. C. Firestone, Oakland. Contractor—William George, 1201 Dwight Way, Berkeley.	\$3000	
ALTERATIONS (3292) 2445 HARRISON ST. Alter flats. Owner—Anna Bruzzone, c/o contrac- tor. Contractor—Monson Bros., 475 6th St. Architect—Not Given.	\$3,500	\$1,400	DWELLING (3293) E 47th AVE. 287 S Geary St. One - story and basement frame dwelling. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—Not Given.	\$4,000		
FLATS (3294) N JUDAH 77 W 21st Avenue. Two - story and basement frame flats. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—Not Given.	\$5,000	FLATS (3295) NW 21st AVE. and Judah St. Two - story and basement frame flats. Owner and Builder—Herman Chris- tensen, 1801 19th Avenue. Architect—Not Given.	\$5,000	DWELLING (2485) 3701 38th AVE., OAKLAND. One-story, 8-rm, 2-family dwell- ing. Owner and Builder—H. C. Horst- mann, 3815 Hopkins St. Architect—Not given.	\$4,000	
ALTERATIONS (3297) NE 15th and HAMPSHIRE. Alter dwelling. Owner—B. A. Roboltni, premises. Contractor—Jos. Ragni, 134 Acton St. Architect—Not Given.	\$1,000	DWELLING (2475) 715 EVELYN AVE., ALBANY. One-story, 4-room frame dwell- ing. Owner—Dorothy M. Emlay, 1391 So- lano. Contractor—C. M. MacGregor, 1391 Solano. Architect—Not given.	\$2200	DWELLING (2486) 224 GLENWOOD GLADE, OAKLAND. One-story, 5-room dwelling. Owner and Builder—C. W. Leekins, 6054 La Salle Ave. One-story garage, \$250. Architect—Not given.	\$3500	
DWELLING (3295) S JACKSON 85 W Gough St. Two - story and basement frame dwelling. Owner and Builder—Oliver M. Rous- seau, 321 Kearny Street. Architect—Not Given.	\$9,000	DWELLING (2476) 2324 VALLEY, BERKELEY. One-story, 5-room frame dwell- ing. Owner and Builder—Sierra Machine Co., 733 Dwight Way. Architect—Dick Wilmot, Alameda.	\$3200	DWELLING (2487) 2808 23rd AVE., OAKLAND. One-story, 5-room dwelling. Owner—J. Lomba. Contractor—C. D. Lyon, 6501 Buena Ventura Ave. One-story garage, \$150. Architect—Not given.	\$3500	
DWELLING (3299) S JACKSON 60 W Gough St. Two - story and basement frame dwelling. Owner and Builder—Oliver M. Rous- seau, 321 Kearny Street. Architect—Not Given.	\$9,000	DWELLING (2477) 2645 STUART, BERKELEY. Two-story, 4-room frame dwell- ing. Owner—C. E. Thatcher, 2645 Stuart. Contractor—Fox Bros., 1478 Univer- sity Ave. Architect—Not given.	\$3550	DWELLING (2488) 2018 23rd AVE., OAKLAND. One-story, 5-room dwelling. Owner and Builder—C. D. Lyon, 6051 Buena Ventura Ave. One-story garage, \$150. Architect—Not given.	\$3500	
SHED (3300) E SPEAR 137 N Folsom St. Frame shed. Owner — San Francisco Warehouse Co., 625 Third St. Contractor—Cahill Bros., 206 San- some Street. Architect—Not Given.	\$4,500	DWELLING (2478) 2338 DASHWOOD AVENUE, OAKLAND. One-story, 5-room dwelling. Owner—Geo. Brown, 656 42nd Street. Contractor—C. R. Tisher, 6127 Foot- hill Blvd. Architect—Not given.	\$4000	DWELLING (2489) 5861 AMY DRIVE, OAKLAND. Two-story, 6-room dwelling. Owner and Builder—C. J. Pfrang, 6364 Mystic St. Architect—Not given.	\$6500	
ALAMEDA COUNTY		DWELLING (2479) 1816 MAGELLAN DRIVE, OAKLAND. One-story, 4-room dwelling. Owner—M. W. Dorr, 1816 Magellan Drive. Contractor—Henry Nelson, 1039 Cher- ry Way, Hayward. Architect—Not given.	\$3000	DWELLING (2490) 127 TAURUS AVE., OAK- LAND. One-story, 5-room dwell- ing. Owner—G. M. Williams, 449 Scenic Ave., Piedmont. Contractor—H. E. Williams, 449 Scenic Ave., Piedmont. One-story garage, \$150. Architect—Not given.	\$2900	
No. Owner 2475 Emlay 2476 Sierra Mehne 2477 Thatcher 2478 Brown 2479 Dorr 2480 Emerson 2481 Firestone 2482 Fontaine 2483 Florstmann 2484 Kegg 2485 Larner 2486 Leekins 2487 Lomba 2488 Lyon	Contractor MacGregor Owner Fox Bros. Tisher Nelson Norris George Netherby Owner Tisher Owner Owner Lyon Owner	Amt. 2200 3200 3550 4000 3000 2000 8000 7000 4000 3000 4800 3500 3500 3500	ADDITION (2480) 559 NORTH ST., OAKLAND Two-story frame addition. Owner—Mrs. S. Emerson. Contractor—Ralph E. Norris, 361 17th Street. Contractor—Loy Chamberlin.	\$2000	DWELLING (2491) 1464 CORNELL, BERKE- LEY. One-story 3 - room frame dwelling and garage. Owner and Builder—H. Christiansen, 2623 College Ave. Architect—Not Given.	2,300

DWELLING
(2492) 800 GRIZZLY PEAK, BERKELEY. One-story 5-rm. frame dwelling and garage.
Owner—P. C. Mills, 44 Shattuck Sq.
Contractor—U. C. Brunzell, 1663 Shattuck Ave.
Architect—Paul Hammerberg. \$5000

DWELLING
(2493) 6909 ARMOUR DR., OAKLAND. One-story 5-rm. dwelling.
Owner—Violet Fos, P. O. Box 264, Oakland.
Contractor—Harry K. Jensen, 2757 Rawson Street.
Architect—Not Given. \$3,000
Also 1-story garage, \$300.

ALTERATIONS
(2494) 340 LENOX AVENUE, OAKLAND. Alter to apartments.
Owner—Dr. W. Hillman, 738 East 23rd Street.
Contractor—R. J. Barr, 874 41st St.
Architect—Chamberlain & Reynolds, 361 17th St. 5,000

DWELLING
(2495) 5415 PROCTOR AVE., OAKLAND. One-story 6-rm. dwelling.
Owner—Leonard J. Hughes.
Contractor—H. C. Pfrang, 5659 Ocean View Drive.
Architect—Irwin Johnson, 7th Ave. \$6,000
Also 1-story frame garage, \$325.

DWELLING
(2496) 10337 VOLTAIRE ST., OAKLAND. One-story 5-rm. dwelling.
Owner—Paul Hunter, 2356 25th Ave.
Contractor—J. K. Hunter, 2356 25th Avenue.
Architect—Not Given. \$3,000
Garage, \$150.

DWELLING
(2497) 9220 CHERRY ST., OAKLAND. One-story 5-rm. dwelling.
Owner—Max W. Koenig, 1106 Broadway.
Contractor—L. L. Nichols, 3800 Enos Avenue.
Architect—Not Given. \$3,450

DWELLING
(2498) 3230 BROOKDALE AVE., OAKLAND. One-story five-room dwelling.
Owner—D. Vacchieri, 3234 Brookdale.
Contractor—Golden and Ortow, 341 13th Street.
Architect—Not Given. \$3,500

BUILDING
(2499) 401 UNIVERSITY AVE. BERKELEY. Two-story, 3-room office building.
Owner—City of Berkeley.
Contractor—S. R. McWethy, 1730 Franklin St., Oakland.
Architect—Not given. \$1500

DWELLING
(2500) 799 CRAGMONT, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—N. McMittan, 1609 Bonita.
Contractor—M. Jordan, 979 Mountain Blvd., Oakland.
Architect—Not given. \$4500

DWELLING
(2501) 9607 GOLF LINKS ROAD, OAKLAND. One-story, 6-room dwelling.
Owner—R. H. Baker.
Contractor—Geo. O. Smith, 9612 Golf Links Road.
Architect—Not given. \$4000

DWELLING
(2502) 3110 ROBINSON DR., OAKLAND. One-story, 4-room dwelling.
Owner—F. H. Boyd, 3551 Joaquin Miller Road.
Architect—Not given. \$2500

DWELLING
(2503) 1115 SEMINARY AVE., OAKLAND. One-story, 4-room dwelling.
Owner and Builder, Joaquin Esteller, 1115 Seminary Ave.
Architect—Not given. \$2900

DWELLING
(2504) 3368 JORDAN ROAD, OAKLAND. One-story, 5-room dwelling.
Owner—J. Fleddermann, 3374 Jordan Road.
Contractor—Joseph Coward, 1944 E. 27th St.
Architect—Not given. \$2800

DWELLING
(2505) 2115 99th AVE., OAKLAND. One-story, 5-room dwelling.
Owner—A. F. Groom, 1517 77th Ave.
Contractor—Groom & Groom, 5405 Brookdale.
Garage, \$150.
Architect—Not given. \$2500

DWELLING
(2506) 2121 99th AVE., OAKLAND. One-story, 5-room dwelling.
Owner—A. F. Groom, 1617 77th Ave.
Contractor—Groom & Groom, 5405 Brookdale.
Garage, \$150.
Architect—Not given. \$2500

DWELLING
(2507) 3920 ENOS AVE., OAKLAND. One-story, 5-room dwelling.
Owner—Koenig Invest. Corp., 1106 Broadway.
Contractor—Leo. L. Nichols, 3800 Enos Ave.
Architect—Not given. \$4450

DWELLING
(2508) 7508 OUTLOOK AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—C. O. Peschel, 4276 Fruitvale Ave.
Architect—Not given. \$3700

DWELLING
(2509) 7500 OUTLOOK AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—C. O. Peschel, 4276 Fruitvale Ave.
Architect—Not given. \$3500

DWELLING
(2510) 600 44th STREET, OAKLAND. One-story, 5-room dwelling.
Owner—Andrew Solari, 743 44th St.
Contractor—C. Tollefsen, 1755 High Street.
Architect—Not given. \$4850

DWELLING
(2511) 5660 MARKET ST., OAKLAND. One-story, 5-room dwelling.
Owner—J. Stella, 5660 Market St.
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.
Architect—Ray Kiefer, 585 Mandana Blvd. \$5250

DWELLING
(2512) 9863 BURR ST., OAKLAND. One-story, 4-room dwelling.
Owner—Jos. H. Thompson, 3950 Altamont Ave.
Contractor—E. F. Hoffman, 7405 Foothill Blvd.
One-story garage, \$200.
Architect—Not given. \$3300

ALTERATIONS
(2513) 48 RONADA AVE., PIEDMONT. Alterations.
Owners—Mr. and Mrs. S. J. Bell, 411 Burk St., Oakland.
Contractor—T. B. Malmstrom, 6856 Broadway Terrace.
Architect—Not given. \$1000

DWELLING
(2514) 660 HILLDALE, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—A. Holmes, Gerber, Calif.
Contractor—R. F. Parks, 668 Grizzly Peak.
Architect—Frank Wilkie, 681 Hilldale. \$4500

ADDITION
(2515) 1177 KEITH, BERKELEY. Additions.
Owner—P. Reiger, 1177 Keith.
Contractor—C. O. Bradhoff, 911 55th St., Oakland.
Architect—Not given. \$1500

ADDITION
(2516) 1422 14th AVE., OAKLAND. Two-story whse. addition.
Owner—Golden State Sheet Metal Co., 1422 14th Ave.
Architect—Not given. \$2500

DWELLING
(2517) 2565 DURANT AVE., OAKLAND. One-story, 5-room dwelling.
Owner—Roland Kohl.
Contractor—Laurie Leonards, 8351 Ney Ave.
Architect—Not given. \$3800

DWELLING
(2518) 36 BUCKEYE AVE., OAKLAND. Two-story, 6-room dwelling.
Owner—Paul Learner.
Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.
Architect—Not given. \$7000

DWELLING
(2519) 17 WESTMINSTER DRIVE, OAKLAND. Two-story, 12-room dwelling.
Owner—Harry A. Strong.
Contractor—Carl Walstrom, 1447 Excelsior Ave.
Architects—Miller & Warnecke, 14th and Franklin Sts. \$24,000

SIGN
(2520) 1414 FRANKLIN ST., OAKLAND. Marquee sign.
Owner—Sweet's Ballroom, 1414 Franklin St.
Contractor—Q.R.S. Neon Corp., 690 Potrero Ave., S. F.
Architect—not given. \$1300

ALTERATIONS
(2521) 2033 SHATTUCK AVE., BERKELEY. Alterations.
Owner—Community Federal Savings Corp., 2033 Shattuck Ave.
Contractor—F. A. Stead, 3206 Boise.
Architect—Not Given. \$3,900

DWELLING
(2522) 6140 MAURITANIA Avenue, OAKLAND. One-story six-room dwelling.
Owner and Contractor—L. L. Brown, P. O. Box 456, Walnut Creek.
Architect—Not Given. \$4,000
One-story garage, \$200.

(2523) 1062 AILEEN ST., OAKLAND. Alterations.
Owner—Emil Della, 5653 Gaskill St.
Contractor—C. Sisto Troja, 1026 53rd Street.
Architect—Not Given. \$1,600

SERVICE STATION
(2523) 3761 PARK BLVD., OAKLAND. One-story steel serv. sta.
Owner—Mr. Hastings, 3761 Park.
Contractor—F. D. Alexander, 1727 Franklin Street.
Architect—Not Given. \$2,000

DWELLING
(2524) 2650 CHEROKEE AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—I. Hazeltine.

Contractor — A. E. Waldman, 5409 Foothill Blvd.
Architect—Not Given. \$3,500
One-story garage, \$200.

DWELLING
(2525) 2658 CHEROKEE AVE., OAKLAND. One-story 5-rm. dwelling
Owner—I. Hazeltine.
Contractor — A. E. Waldman, 5409 Foothill Blvd.
Architect—Not Given. \$3,500

DWELLING
(2526) 4419 LINCOLN AVE., OAKLAND. One-story 2-rm. dwelling
Owner and Builder—Emilio Ivaldi, Box 4421, Lincoln Ave.
Architect—Not Given. \$1,500

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
382	Zion	Morris	5047
383	Verzello	Murer	6420
384	P. G. & E.	Calif. Elec.	
385	Cal Cot.	Clayberger	2600
386	Zellerbach	Kramer	11400
387	P G & E.	Farnsworth	1500
388	S.F. S.P.C.A.	Jacks	37505
389	Morris	Casty	6412
390	Bk. America	Barrett	2495
391	P. G. & E.	Ferry Sht.	3131
392	R.R. Express	Travers	5893
393	Down Town	Quandt	4987

ALTERATIONS
(382) NW ANZA and Ninth Ave. Alterations & additions to Church. Owner—Zion Evangelical Lutheran Church, premises.
Architect—J. Harry Blohme, 637 East 17th St., Oakland.
Contractor—A. T. Morris & Sons 5400 Fulton Street.
Filed, Oct. 13, '38. Dated, Oct. 11, '38. Sheathing, etc., complete.....\$2000
Completion 1800
Usual 35 days 1247
TOTAL COST, \$5047.00
Two bonds: \$2500 and \$5047. Sureties, New York Casutlay Co. Plans and specifications filed.

ALTERATIONS
(383) N.E. ARMY & FLORIDA STS. Alter 2-story bldg. ---
Owner—Louis & Flora Verzello. ---
Contractor—L. Murer, 1274 Quesada.
Filed Oct. 14, '38. Dater Oct. 7, '38.
Roof done \$1605
Brown coat \$1605
Completion \$1605
Usual 35 days \$1605
TOTAL, \$6420
Bond, \$3210. Sureties, A. Chesco & E. Gauz. Limit 90 days.

ELECTRIC WORK
(384) N.E. STERLING ST. 98.167 S.E. Harrison St. Electric work for Sterling substitution.
Owner—Pacific Gas & Electric Co., 445 Sutter Street.
Contractor—California Elec. Const. Co., 639 Mission Street.
Filed Oct. 14, '38. Dated Oct. 10, '38.
Each month 85%
Usual 35 days 15%
TOTAL, unit prices.
Bond, \$14,063. Sureties, The Fidelity and Casutlay Co. of N. Y. Forfeit, \$250 per day. Limit Nov. 18. Plans and specifications filed.

EXHIBIT BLDG.
(385) YERBA BUENA SHOALS. Exhibit Bldg.
Owner—Calif. Cotton Mills Co.
Contractor—L. M. Clayberger.
Filed Oct. 14, '38. Dated Oct. 5, '38.
Signing contract \$300
Dec. 1 \$650
Completion \$650
Acceptance of installations..... \$500

April 10th \$350
Dismantling \$150
TOTAL, \$2600
Bond, \$2600. Sureties, The Fidelity & Casualty Co. of N. Y. Plans and specifications filed.
SHOWROOM
(386) N.E. TENTH ST. between Bryant and Brannan Sts. One-story frame showroom.
Owner—Zellerbach-Levison Co.
Architect—Hyman & Appleton, 68 Post St.
Contractor—John E. Kramer, 1906 Steiner St.
Filed Oct. 14, '38. Dated Oct. 14, '38.
Roof trusses placed \$3800
Completion \$3800
Usual 35 days \$3800
TOTAL, \$11,400
Limit Dec. 10. Plans and specifications filed.

HAULING EQUIPMENT
(387) MOLE and Island Substations. Hauling equipment from Oakland
Owner—Pacific Gas & Electric Co., 445 Sutter St.
Architect—Not Given.
Contractor—Farnsworth & Ruggles, 200 Brannan St.
Filed, Oct. 15, '38. Dated, Oct. 13, '38. One payment, upon completion.
TOTAL COST, \$1500
Bond, \$1500. Sureties, Fidelity and Deposit Co. of Maryland.

BUILDING
(388) N. EIGHTH AND ALABAMA STS. Two-story hospital bldg.
Owner—S. F. Society for the Prevention of Cruelty to Animals, premises.
Architect—C. Heller, 111 Sutter St.
Contractor—Jacks & Irvine, 620 Market St.
Filed Oct. 17, '38. Dated Oct. 15, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$37,505
Plans and specifications filed.

ALTERATIONS
(389) 3232 LAGUNA ST. Alter three-story frame dwelling.
Owner—M. V. Morris, premises.
Architect—John Davis Young, 2002 California.
Contractor—John Casty & Sons, 666 Mission St.
Filed Oct. 17, '38. Dated Oct. 15, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$6412
Limit, Jan. 15. Plans and specifications filed.

ALTERATIONS
(390) 1350 MARKET ST. Alter Fox Theatre.
Owner—Bank of America, N.T. & S.A., 1 Powell St.
Contractor—Barrett & Hllp, 918 Harrison.
Filed Oct. 17, '38. Dated Oct. 15, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$2,495
Bond, \$2,495. Sureties, Fidelity & Deposit Co. of Maryland. Limit, Nov. 15. Plans and specifications filed.

SHEET METAL WORK
(391) STERLING & ISLAND substations. Substation sheet metal work.
Owner—Pac. Gas & Elec. Co., 445 Sutter St.
Contractor—Ferry Sheet Metal Wks., Inc., 980 Folsom St., S. F.
Filed Oct. 18, '38. Dated Oct. 11, '38.
Completion 85%
Usual 35 days 15%
TOTAL, \$3131 +
Bond, \$3,131. Sureties, Central Sure-

ty & Insurance Co. Plans and specifications filed.
EXHIBIT BOOTH
(392) YERBA BUENA SHOALS. Construct exhibit booth.
Owner—Railway Express Agency, Inc.
Contractor—R. H. Travers, 414 Rowan Bldg.
Filed Oct. 18, '38. Dated Oct. 18, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$5893
Bond, \$5893. Sureties, Massachusetts Bonding & Ins. Co. Limit, 100 days. Plans and specifications filed.

PAINTING, ETC.
(395) MARKET ST. Repainting and finishing Market St. electroliers.
Owner—Down Town Assn., 85 Post.
Architect—Not Given.
Contractor—A. Quandt & Sons, 374 Guerrero Street.
Filed, Oct. 19, '38. Dated, Sept. 28, '38. Payments not given.
TOTAL COST, \$4987.50
Limit, 60 days.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
238	So. Pac. Co.	Larson	
239	Hughes	Pfrang	6325
240	P. G. & E.	Farnsworth	1500
241	Texas Oil	Clark	3838

PAVING
(238) SEVENTH, BAY & CEDAR STS. Oakland. Paving.
Owner—Southern Pac. Co.
Contractor—W. H. Larson, 6015 Chaboloyn Terrace, Oakland.
Filed Oct. 13, '38. Dated Oct. 10, '38. Mo. progress payments of 75%, labor and material.
Usual 35 days 25%
TOTAL, not given.
Bond, \$1265.00. Sureties, Pacific Indemnity Co. Limit 2-1-39. Plans and specifications filed.

DWELLING
(239) PTN LOT 2 BLK D, Country Club Acres, Oakland. Six-room dwelling and garage.
Owners—Leonard J. and Irene A. Hughes, Mabel A. Reith.
Architect—Irwin Johnson, 7th Ave.
Contractor—H. C. Pfrang, 5659 Ocean View Drive.
Filed, Oct. 15, '38. Dated, Sept. 27, '38.
Frame up \$1600
Gypsum Board applied 1600
Upon completion 1600
Usual 35 days 1525
TOTAL COST, 6225
Limit, 125 days. Plans and specifications filed.

ELECTRIC WORK
(240) OAKLAND MOLE SUB-STATIONS. Electric work.
Owner—P. G. & E.
Contractor—Farnsworth & Ruggles, 200 Brannan St., S. F.
Filed Oct. 17, '38. Dated Oct. 13, '38.
On Completion of job 100%
TOTAL, \$1800.00
Bond, \$1500.00. Sureties, Fidelity & Deposit of Maryland.

SERVICE STATION
(241) PIEDMONT & PLEASANT Valley, Oakland. Service station.
Owner—Texas Oil Co.
Contractor—A. W. Clark Jr. & Co., Bank of Commerce Bldg., Oakland.
Filed Oct. 19, '38. Dated Oct. 5, '38.
TOTAL, \$3838.00
Limit 30 days. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Ponds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Farms | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Canks, Stairs and Offices |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Materials |

contract by Bureau of Yards and Docks, at \$410,000, for addition to storehouse at the Naval Operating Base (Naval Supply Depot), San Diego; Spec. 8910. 7

BIDS WANTED

GRAND JUNCTION, Colo.—Until Nov. 18, 1 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for extension and remodeling (except elevator), of the U. S. P. O. and Court House at Grand Junction, Colo.

Drawings and specifications may be obtained from the above office; no deposit required.

CONTRACT AWARDED

SALEM, Oregon.—R. A. Neuman, McMinnville, Ore., at \$2,176 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster at the U. S. P. O., at Salem. 7

BID CALL WITHDRAWN

SAN FRANCISCO.—Call for bids scheduled to be opened Nov. 9, 10 A. M., No. W-6616-39-27, for construction of Bakers' & Cooks' School and Barracks at Presidio of San Francisco, Calif., is withdrawn by the War Department, Office of the Constructing Quartermaster, Major F. D. Jones, Fort Mason. Est. cost, \$170,410.

This project will be readvertised shortly and will also include the construction of a Commissary and Warehouse at the Presidio of San Francisco.

BIDS WANTED

TACOMA, Wash.—Until Nov. 15, 1 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installing 1 new hydro-electric freight elevator including hoistway entrance doors, etc., complete, and removal of present hydraulic lift in the U. S. P. O. and Court House at Tacoma.

Specifications may be obtained from the above office.

BIDS OPENED

SAN FRANCISCO.—War Department, Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, received the following bids for construction of portable demountable buildings for CCC camps in the Ninth Corps Area, as follows: (1) 4 bids, Glendale, FOB RH (2) 4 bids, Glendale, FOB SP, L. A., (3) 1 bid, McCall, Idaho, FOB RF, (4) 1 bid, McCall, Idaho, FOB SP, Boise, (5) 2 bids., Sims, Calif., FOB RH, (6) 2 bids., Sims, Calif., FOB SP, (7) 1 bid, Rodeo, Ore., FOB RH, (8) 1 bid, Rodeo, Ore., F.B. SP, Boise, (9) 2 bids, Cascade Locks, Ore., FOB RH (10) two bids., Cascade Locks, Ore., FOB SP, Vancouver.

Complete bids follow:
 Prefabricated Contractors, Seattle, Wash., (1) \$2,035.90, (2) \$1,507.05, (3) \$1,141.77, (4) \$856.80, (5) \$1,134.81, (6) \$850, (7) \$623.31, (8) \$425, (9) \$2,179.71, (10) \$1,887.
 American Builders, Seattle, Wash., (1) \$2,111, (2) \$1,581, (3) \$1,124, (4) \$807, (5) \$1,190, (6) \$900, (7) \$821, (8) \$450, (9) \$2,100, (10) \$1,803.
 King & Boozer, Anniston, Ala., (1) \$3,394, (2) \$1,594, (3) \$1,650, (4) \$850, (5) \$1,932, (6) \$904, (7) \$952, (8) \$452, (9) \$3,437, (10) \$1,987.
 Western Pine Mfg. Co., (2) \$1750,

(4) \$962.50, (6) \$1,030, (8) \$515, (10) \$2,284.

Cariton Lbr. Co., Portland, Oregon, (2) \$1,910, (4) \$998, (6) \$1,080, (8) \$540, (10) \$2,235.

Bids Wanted—To Close November 22, 1 P. M.

POST-OFFICE Est. Cost, \$99,000
BRAWLEY, Imperial Co., Calif.
 New United States Post Office.
 Owner—United States Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
 Drawings and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

BIDS REJECTED

KETCHIKAN, Alaska.—All bids for Jail metal counters at the U. S. P. O. and Courthouse at Ketchikan, Alaska, were rejected by the Procurement Division, Public Bldgs. Branch, Washington, D. C. Plans will be revised and work readvertised.

Globe Wernick Co., Wash., D. C., at \$285 submitted previous low bid. 7

BIDS WANTED

SANTA ROSA, Sonoma Co., Calif.
 —Bids are now being received by the Custodian of the Building for lighting fixtures, etc., at the U. S. P. O. at Santa Rosa. 7

LOW BIDDERS

MARE ISLAND, Solano Co., Calif.
 —Moore Dry Dock Co., Foot of Adeline St., Oakland, at \$229,675 submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for structural steel framework for foundry building, 180 feet wide by 408 feet long, an outside overhead crane runway and crane runways for interior cranes at the Navy Yard, Mare Island; Spec. No. 8816.

Three low bids were:
 Moore Dry Dock Co., Oakland, \$229,675.

Bethlehem Steel Co., Ala., \$231,500.
 Judson Pacific Co., S. F., \$239,943.

October 20, 1938

BIDS WANTED

SALINAS, Monterey Co., Calif.—Until Nov. 16, bids are being received by the Custodian of the Bldg., for signal system, at the U. S. P. O., at Salinas. 7

Complete Bids POST OFFICE CANOGA PARK, Los Angeles Co., United States Post Office.
 Owner—U. S. Government.
 Plans by Supervising Architect of Treasury Department, Washington, D. C.

Low Bidder — Campbell Const. Co., 5388 Alhambra Ave., Los Angeles, \$54,913.

Complete bids follow:
 Campbell Const. Co., L. A., \$54,913
 J. I. Barnes Const. Co., Santa Monica, 55,300
 Baruch Corp., L. A., 55,557
 T. A. Beyer Corp., L. A., 56,382
 Geo. Goedhart, San Diego, 57,900
 Schuler & McDonald, Inc., Oakland, 61,333

BIDS WANTED

SAN DIEGO, Calif.—Until Nov. 8, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, Foot of Broadway, San

1— APARTMENTS

Contract Awarded
APARTMENTS Cost, \$28,425
SAN JOSE, Santa Clara Co., Calif.
 Construction of frame and stucco apartment house (9 apts.).
 Owner—A. Campagna, 2nd and Santa Clara St.
 Architect—Not given.
 Contractor—V. J. Sunzler, 176 No. 13th St.

Preparing Working Drawings
APARTMENTS Cost, \$
MENLO PARK, San Mateo Co., Cal.
 One-story duplex apartments (two)
 Owner—Mrs. F. I. Kurtz, c/o Arch. Architect—Arthur Janssen, Route A, 4-rm. apts.) stucco walls, hardwood floors, floor furnaces, sheet rock interior, slingle roof, overhead garage doors, etc.
 Box 113, Redwood City.

3— CHURCHES

Sub-Contracts Awarded
CHURCH Cost, \$.....
HURLINGAME, San Mateo Co., Cal.
 Sherman Avenue and El Camino Road.
 Frame and stucco church building to seat 200, and parsonage.
 Owner—Grace Evangelical Lutheran Church of San Mateo (Rev. Albert R. Kurtz, pastor).
 Architect—Walter R. Hagedorn, 451 N. Western St., Los Angeles.
 Contractor—G. W. Williams Co., 10 California Drive, Burlingame.
Plumbing—H. R. Park, 1230 Broadway, Burlingame.
Mill Work—Pacific Mfg. Co., Santa Clara.

6— GARAGES & SERVICE STATIONS

Contract Awarded
SUPER SERVICE STATION
WATSONVILLE, Santa Cruz Co., Calif.
 Construction of new super service station.
 Owner—Union Oil Company of Calif. Plans by Eng. Dept. of Owner.
 Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SAN DIEGO, Calif.—As previously reported, Wm. P. Nell Co., 4814 Loma Vista Ave., L. A., awarded

Diego, under Spec. 8961, for Diesel Oil Tank, Pumping Plant, Foam Generating Plant and Oil Piping System at the Naval Operating Base (Fuel Depot), San Diego.

Work consists of the furnishing of materials for and the installation of: (a) one 400,000 gallon capacity Diesel oil tank and appurtenant piping; (b) a foam generating building, foam generating equipment and piping within the building; (c) a pumping plant building, oil pumping and oil heating equipment and piping within the building; and (d) piping for oil between pumping plant and oil tanks and between pumping plant and outlets on the existing fuel pier.

Bidding data obtainable from the Public Works Officer, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks. * 7

Site Selected
POSTOFFICE Cost, \$100,000
CALEXICO, Imperial Co., Calif. SW
cor. of Rockwood Ave. and 3rd
Street.

United States Post Office
Owner—U. S. Government.
Plans by Supervising Architect,
Treasury Dept., Wash., D. C.
Dimensions of site 140 ft. x 165 ft.

Site Selected
POSTOFFICE
LANCASTER, Los Angeles Co., Cal.
N. E. cor. 10th and Cedar Ave
United States Post Office.
Owner—U. S. Government.
Plans by Supv. Architect, Treasury
Dept., Wash., D. C.
Dimensions of site 100 ft. x 177 ft.;
cost, \$8,000.

BIDS WANTED
MARE ISLAND, Solano Co., Calif.
—Until Nov. 16, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for erection of a high frequency transmitting station including buildings and accessories at the U. S. Navy Yard, Mare Island, Spec. 8932. Est. cost, \$100,000.

Drawings and specifications may be obtained from the Commandant, Navy Yard, Mare Island, upon deposit of \$25 payable to the Chief of the Bureau of Yards and Docks.

Tentative opening date previously set at Nov. 9.

Bids Wanted — To Close Nov. 22,
1 P. M.
POSTOFFICE Est. cost, \$99,000
BRAWLEY, Imperial Co., Calif.
New United States Post Office.
Owner—U. S. Government.
Plans by Supervising Architect,
Treasury Dept., Wash., D. C.

Site Selected
POSTOFFICE
TILLAMOOK, Oregon, 4th Ave. be-
tween 2nd and 3rd Sts.
United States Post Office.
Owner—U. S. Government.
Plans by Supv. Architect, Treasury
Dept., Wash., D. C.
Dimensions of site 105 ft. x 210 ft.;
cost, \$6,000. * 7

BIDS WANTED
PHOENIX, Ariz.—Until Nov. 4,
bids are being received by the Custodian of the Building for repairs to Air Conditioning System, at the U. S. P. O., at Phoenix. * 7

BIDS WANTED
ORANGE, Orange Co., Calif.—Until
Nov. 11, bids are being received by
the Custodian of the Building, for

repairs to roof and malling platform
at the U. S. P. O., at Orange. * 7

BIDS WANTED
WHIPPLE, Ariz.—Until Nov. 15,
1:30 P. M., bids will be received by
the Veterans' Administration, Room
764, Arlington Bldg., Washington, D. C.,
for constructing and finishing
complete a chain link fence and gates
at the Veterans' Facility, Whipple,
Arizona.

Drawings and specifications may
be obtained from the above office
and from the Supervising Superin-
tendent of Construction, Veterans'
Administration Facility, Palo Alto,
Calif.

CONTRACT AWARDED
RIVERSIDE, Riverside Co., Cal.—
R. A. Klamp, Riverside, at \$14,566
awarded contract by the Department
of Agriculture, Washington, D. C.,
for furnishing and installing me-
chanical equipment for the U. S. Re-
gional Salinity Laboratory at River-
side, Bureau of Plant Industry.

BIDS WANTED
COMPTON, Los Angeles Co., Cal.
—Until November 9 bids are being
received by the Custodian of the
Building, for roof repairs, etc., at
the U. S. P. O. at Compton * 7

CONTRACT AWARDED
SAN DIEGO, Calif.—Chas. L. Hos-
kins, 1764 Kettner Blvd., San Diego,
at \$168,700 (Item 1) awarded con-
tract by the Bureau of Yards and
Docks, Navy Dept., Wash., D. C., for
construction of a fleet school bldg.
at the Naval Operating Base (Des-
troyer Base), San Diego, Spec. 8900.

Low Bidders
POST OFFICE
CANOGA PARK, Los Angeles Co.,
Calif.
United States Post Office.
Owner—U. S. Government.
Architect—Plans by Supervising Ar-
chitect, Treasury Dept., Wash-
ington, D. C.

Low Bidder—Campbell Const. Co.,
5388 Alhambra Ave., L. A., \$54,913.
Second and third low bids were:
James I. Barnes Const. Co., Santa
Monica, \$53,300.
Baruch Corp., L. A., \$55,557.

CONTRACT AWARDED
SAN DIEGO, Calif.—B. O. Larsen,
1340 E. St., San Diego, at \$254,000
(Item 1) awarded contract by the
Bureau of Yards and Docks, Navy
Dept., Wash., D. C., for construction
of a combined mess hall-galley-bar-
acks building at the Naval Operat-
ing Base (Destroyer Base), San
Diego, Spec. 8920. * 7

CONTRACT AWARDED
ASTORIA, Ore.—Dahlgren, Mc-
Cortney & Snyder, Inc., Astoria, Ore.,
at \$909.60 awarded contract by the
Bureau of Yards & Docks, Navy De-
partment, Washington, D. C., for oil
burning heaters for Bldgs. 7 and 22
at Naval Radio Station at Astoria;
Spec. No. 8902. * 7

BIDS WANTED
SAN FRANCISCO.—Until Nov. 10,
10 A. M., bids will be received by
the Procurement Division, Public
Bldgs. Branch, Washington, D. C.,
for metal counter and gate at the
U. S. P. O. and Court House, San Fran-
cisco.

Drawings and specifications may
be obtained from the above office
and from the office of the District
Engineer, 232 Federal Office Bldg.,
San Francisco.

BIDS WANTED
MARE ISLAND, Solano Co., Cal.
—Until November 16, 11 A. M., bids
will be received by the U. S. Bureau
of Yards and Docks, Navy Depart-
ment, Washington, D. C., under Spec.
No. 8836, for a hospital corpsmen's
dormitory and a nurses' quarters at
the Naval Hospital, Mare Island. Es-
timated cost, \$300,000.

The buildings will be 2-story re-
inforced concrete structures and will
include steel, iron and bronze work;
roofing and sheet metal work, mem-
brane waterproofing, pan and cover
tile and promenade tile; aluminum
windows; carpentry and joinery,
metal and metal covered doors; metal
studding, furring and lathing;
plastering and stucco; marble and
tile work; ceramic glazed units; ter-
razzo; asphalt tile and cork com-
position tile flooring; sprayed-on
acoustical treatment; metal parti-
tions; screens, aluminum and wood;
elevator and dumbwaiter; hardware;
refrigerated, drinking fountains, and
plumbing, heating and ventilating
and electrical system.

Plans and specifications may be
obtained from the above office or
from the Commandant, Navy Yard,
Mare Island, upon the deposit of \$100
payable to the Chief of the Bureau
of Yards & Docks.

Complete Bids
POSTOFFICE
CAMAS, Washington.
United States Post Office.
Owner—U. S. Government.
Plans by Supervising Architect,
Treasury Department, Wash-
ington, D. C.

Low bidder: Joseph A. Anderson,
Portland, Oregon, \$53,333.
Complete bids follow:
Joseph A. Anderson, Portland Ore.,
\$53,333.00
George Isackson, Portland Oregon,
\$56,446.00.
Benjamin J. Sheldon, Spokane,
Wash., \$56,647.00.
MacDonald Constr. Co., St. Louis,
Mo., \$59,288.00.
L. H. Hoffman, Portland, Oregon,
\$60,000.00.

Victorio & Hannaman, Salem, Ore.,
\$60,289.00.
Thomas Holmberg, Vancouver, Wn.,
\$60,397.00.
James I. Barnes Constr. Co., Santa
Monica, Calif., \$62,212.00.
Johnson Constr. Co., Inc., Van-
couver, Wash., \$63,442.13.

BIDS WANTED
YERBA BUENA SHOALS.—Cent-
ral Electric Co., 179 Minna Street,
San Francisco, at \$6,024 submitted
low bid to the Dept. of Public Wks.,
office of the California Commission
for the Golden Gate International
Exposition, 600 Market St., San Fran-
cisco, for electrical work for the
Southern Counties Bldg.; San Joa-
quin Valley Bldg.; Alta California
Bldg.; and Mission Trails Well, on
Yerba Buena Shoals.

Complete bids follow:
Central Electric Co., \$6,024.
Crown Electric Co., \$6,392.
E. J. Lynch Electric Co., \$6,477.
Victor Lemoge, \$6,490.
H. C. Reid & Co., \$6,630.
Abbett Electric Co., \$6,674.
Spencer Electric Co., \$6,746.
George F. Brayer, \$7,480.
T. L. Rosenberg Co., \$8,000.
Enterprise Electric Co., \$8,502.

BIDS WANTED
SAN DIEGO, Calif.—Until Nov. 1,
11 A. M. bids will be received by
Headquarters, 11th Naval District,
Foot of Broadway, San Diego, for
extension of steam distributing sys-
tem at the Naval Operating Base

(Marine Corps Base), San Diego; Spec. 9017. Work will include in general: (a) reinf concrete tunnels, of combined lengths of approx. 1,400 ft.; (b) steam and return piping and fittings and misc piping and work in tunnels; and (c) misc. piping and electrical changes as required for the completion of the work. Bidding data obtainable from the above address upon deposit of \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED.

SAN FRANCISCO—As previously reported, until November 9, 10:00 A. M. bids will be received by the War Department, Office of the Constructing Quartermaster, Major F. D. Jones, San Francisco and vicinity, Fort Mason, Calif., for construction and completion of one bakers' and cooks' school and barracks at Presidio of San Francisco. Estimated cost, \$170,410.

Plans and specifications may be obtained upon deposit of \$15 certified check payable to Finance Officer, Fort Mason.

Bids must be accompanied by bid bond in the amount of 10% of bid.

Contract Awarded

SAN DIEGO, Calif.—Wm. P. Niel Co., 4814 Loma Vista Ave., L. A., awarded contract by the 11th Naval District, for addition to storehouse at the Naval Operating Base (Naval Supply Depot), San Diego; Spec. 8910.

BID OPENED

GOVERNMENT ISLAND, Alameda Co., Calif.—Fire Protection Products Co., 1101 16th St., San Francisco, at \$1950 submitted only bid to Contracting Officer, Commander W. G. Bloom, U. S. Coast Guard Base No. 11, Marine Service Training Sta., Government Island, Oakland, for miscellaneous sheet metal work and mill work in Unit 18, Government Island.

LOW BIDDERS

FORT LEWIS, Wash.—Howard S. Wright & Co., Inc., 2210 2nd St., Seattle, Wash., at \$671,768 submitted low bid to Capt. E. P. Antonovich, Construction Quartermaster, Fort Lewis, for 12 type "N-5" Row Houses (NCO Quarters) and 8 single NCO Quarters at Ft. Lewis and 4 type "N-5" Row Houses (NCO Quarters) at McChord Field.

Allen & Early, Inc., Tacoma, Washington, at \$687,815 submitted second low bid.

Site Selected

POSTOFFICE CLARKSTON, Wash. N.E. cor. 6th and Chestnut Sts.

United States Post Office. Owner—U. S. Government.

Plans by Supv. Architect, Treasury Dept., Wash., D. C. Dimensions of site 125x122.5 ft.; cost \$2,000.

CLUB BUILDINGS

ALTERATIONS & ADDITIONS SAN FRANCISCO, Ingleside.

Alterations and additions to golf clubhouse. Owner—San Francisco Golf Club.

Architect—Lewis P. Hobart, 25 Market Street. Bids are in and held under advisement. Announcement shortly.

9— HOSPITALS

Bids Opened

HOSPITAL WEIMAR, Placer Co., Calif.

Two-story addition to sanitarium. Owner—Weimar Joint Sanitarium.

Hospital Central Comm., C. Geisendorfer, Secretary. Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Low Bidder—Lembke Const. Co., Auburn.

Recommendation was made to P W A that contract be awarded the low bidder at \$73,100, which includes deduction of alternates 1, 3 and 4.

Bids were received with the following alternate proposals, all deductions: (1) omit steam mains and returns to existing cottages; (2) new cast iron sewer and manhole; (3) omit air and vacuum pump unit; (4) omit insulation.

Complete bids follow: Lembke Const. Co., Auburn, \$77,700; (1) \$2600; (2) \$1500; (3) \$800; (4) \$200.

Campbell Const. Co., Sacramento, \$81,119; (1) \$2500; (2) \$1800; (3) \$800; (4) \$1200.

Chas. F. Unger, Sacramento, \$81,550; (1) \$2457; (2) \$1814; (3) \$785; (4) \$1340.

H. W. Robertson, Sacramento, \$81,591; (1) \$2960; (2) \$2000; (3) \$910; (4) \$1078.

Moore and Roberts, San Francisco \$81,700; (1) \$2950; (2) \$1495; (3) \$900 (4) \$995.

Lawrence Const. Co., Sacramento, \$85,255; (1) \$2600; (2) \$1810; (3) \$850 (4) \$1100.

Holdener Const. Co., Sacramento, \$85,590; (1) \$3000; (2) \$1500; (3) \$950 (4) \$1050.

Taber & Higgins, Oroville, \$89,900; (1) \$2660; (2) \$1970; (3) \$850; (4) \$1,100.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded

EXHIBIT YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Mining Exhibit Building; Treasure Mountain; Show workings of Mines, etc.

Owner—California Commission for the Golden Gate Exposition.

Consulting Architect—Mark Daniels, 101 Post St., S. F. Contractor—Lindgren & Swinerton, 225 Bush St., S. F.

Contract is for structural work only. Finish work will be contracted for or let out for day labor by the California Commission at a later date.

Bid Rejected

CITY HALL, ETC. SONORA, Tuolumne Co., Calif.

Two-story reinforced concrete city hall, firehouse and library bldg. Owner—City of Sonora, T. V. Wulf, City Clerk.

Engineer—Charles Gulick, Stockton. PWA rejected the only bid received of O. J. Shearer Co., Angels Camp, at \$31,250, on the grounds no any project.

that they require at least three bids

Bids Wanted—To Close October 31, 3 P. M. EXHIBIT BLDG. YERBA BUENA SHOALS, Site of the 1939 World's Fair.

General construction of the Australian Building; Contract No. 216. Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585

Bush St., San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office, room 222, upon deposit of \$20.00.

Bids In

EXHIBIT BLDG. YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Construction of frame pavilion exhibit building. Owner—The Argentine Republic.

Architect—William W. Wurster, 260 California St., S. F. Bids in—Announcement later.

Contract Awarded

PAINTING YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Cont. Price, \$4,337. Exterior Painting (buildings around East Square and East Long Courts and West Hangar; Contract No. 218.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—D. Zelinsky & Sons, 165 Grove St., S. F.

Contract Awarded

PAINTING YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Cont. Price, \$5,490. Painting of roofs of Palaces Nos. 5, 6, 6A, 7, 7A, 8, 8A, 9, 11, 12, 13, 14. East and West Hangars; Contract No. 218-2.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—R. P. Paoli & Company, 2530 Lombard St., S. F.

Contract Awarded

PAINTING YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Cont. Price, \$5,460. Exterior Painting (buildings around North Square, North Long, Central and South Courts; Contract No. 218-1.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 58 Bush St., San Francisco.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Raphael Co., 270 Tehama St., San Francisco.

Contract Awarded

MISC. WORK YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Cont. Pr. \$163. Miscellaneous Work—Fountain in No. Square Court; Contract No. 214.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—Guilford Cornice Works, 1234 Howard St., S. F.

Contract Awarded

FLOOR COVERING YERBA BUENA SHOALS, Site of the 1939 World's Fair.

Cont. Price \$2,982. Floor Covering Felt in Pools, Fountains and Cascades; Contract No. 217.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., S. F. Plans by S. F. Bay Exposition Arch-

itectural Commission, 585 Bush St., S. F.
Contractor—Alta Roofing Company, 976 Indiana St., S. F.

Bids Wanted—To Close November 2, 3 P. M.

LIBRARY Est. Cost, \$80,635
REDWOOD CITY, San Mateo Co.
Construction of new 1-story Library Building on property adj. to the City Hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

The City of Redwood City voted bonds Sept. 27 in the amount of \$97,000, which proceeds, together with PWA grant will finance construction of new library building and addition to present city hall.

Plans and specifications may be obtained from the office of E. E. Myers, City Clerk, City Hall, Redwood City, upon deposit of \$20.00.

Bids will be opened in the office of the City Manager, City Hall, Redwood City.

Bids Wanted—To Close November 2, 3 P. M.

ADDITION Est. Cost, \$93,906
REDWOOD CITY, San Mateo Co.
Two-story addition to present city hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

The City of Redwood City voted bonds Sept. 27 in the amount of \$97,000, which proceeds, together with PWA grant will finance construction of addition to present city hall and new library building.

Plans and specifications may be obtained from the office of E. E. Myers, City Clerk, City Hall, Redwood City, upon deposit of \$20.00.

Bids will be opened in the office of the City Manager, City Hall, Redwood City.

BIDS OPENED

YERBA BUENA SHOALS.—C. L. Wold Const. Co., Ltd., 4412 Fulton St., San Francisco, at \$68,378 submitted low bid to the Department of Public Works, Room 251, City Hall, for general construction of the San Francisco Building on Yerba Buena Shoals.

Bids were received with one alternate proposal for omitting wall and ceiling finish in rooms 104, 105 and 110. Complete bids follow:

C. L. Wold Const. Co., Ltd., San Francisco, \$68,378; (1) \$1,303; 70 days. Monson Bros., San Francisco, \$68,867; (1) \$1026; 70 days.

BIDS OPENED

YERBA BUENA SHOALS.—Jas. A. Nelson, Inc., 1375 Howard Street, San Francisco, at \$4,160, submitted low bid to the Dept. of Public Wks., office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for plumbing work for the Southern Counties Bldg.; San Joaquin Valley Bldg.; Alta California Bldg.; and Mission Trails Wall, on Yerba Buena Shoals.

Complete Bids follow:
James A. Nelson, Inc., \$4,160.
O'Mara & Stewart Ltd., \$4,407.
James H. Pinkerton Co., \$4,580.
E. Sugarman, \$4,590.

Prospective Bidders

CIVIC BLDGS. Est. cost, \$44,200
KING CITY, Monterey Co., Calif.
Construction of reinforced concrete library building and city hall to be central unit of eventual group to include firehouse and jail.

Owner—City of King City.
Architect—Robt. Stanton, Del Monte

Hotel, Del Monte.

Plans and specifications may be obtained from the City Clerk, Edna B. Mansfield, City Hall, King City, upon deposit of \$50, returnable.

As previously reported, bids will be opened Oct. 20, 8 P. M., in the council chambers of the city hall.

Following have taken out plans:

A. Nelson, Inc., 242 Ocean Ave., San Francisco.
F. C. Stolte, 203 Pine St., Pacific Grove.
Theo. M. Maino, 1424 Mill St., San Luis Obispo.

Contract Awarded

GLOBES Cont. PPrice \$1,689.08
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

"Plastacel" Globes—Fountain in No. Square Court; Contract No. 215.

Owner—S. F. Bay Exposition Co., Inc. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by S. F. Bay Exposition Arch-itectural Commission, 585 Bush St., San Francisco.

Contractor—Phoenix Day Company, 729 Mission St., San Francisco.

Contracts Awarded

ADDITIONS Cost, \$.....
SPADRA, Pacific Colony, Los Angeles Co., Calif.

Addition to Administration Building and Isolation Building.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building Sacramento.

General Work—Baruch Corp., 625 S. Olive St., Los Angeles, \$78,937.

Plumbing—Travers - Riddell Co., Los Angeles, \$14,998.

Heating and Ventilating—American Engineers & Contrs., Ltd., 3063 Oregon St., Los Angeles, \$5,187.

Electric Work—MacFarlane Electric Co., 117 E 3rd St., Santa Ana, \$3197.

New Bids Wanted—To Close Nov. 28, 10 A. M.

MEMORIAL HALL Cost, \$72,000
REDDING, Shasta Co., Calif.
Veterans' Memorial Building.

Owner—County of Shasta (Errol A. Yank, Clerk).

Architect—Masten & Hurd, 442 Post St., San Francisco.

Plans and specifications may be obtained at the architect's office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened in Board Room of the County Board of Supervisors, Court House, Redding.

Only bid submitted October 5, by B. A. Howkins & Co., San Francisco, at \$72,451 held under consideration pending receipt of new bids.

BIDS WANTED

SANTA MONICA, L. A. Co., Calif.

—Until Nov. 4, 10 A. M., bids will be received by the City of Santa Monica for construction of a new reinf. conc. city hall on Olympic Blvd. between 4th and Main Sts., a PWA project. Bids will be taken as follows: (1) general work; (2) cabinet work; (3) jail work; (4) finish hardware; (5) plumbing; (6) heating and ventilating; (7) electrical work. Plans and specifications may be obtained from the city clerk upon deposit of \$100 per set, except for cabinet work, jail work and hardware, for which the deposit will be \$25. Certified or cashier's check or bond for 5% required. Appropriation \$352,860. Donald B. Parkinson, 434 Title Insurance Bldg., L. A., and Joe M. Estep, 7073 Hollywood Blvd., L. A., are the architects. * 13

Correction—

New Bids Wanted — To Close Oct.

28, 10 A. M.

MEMORIAL HALL, REDDING, Shasta Co., Calif.
Veterans' Memorial Building.
Owner—County of Shasta (Errol A. Yank, Clerk).

Architect—Masten & Hurd, 442 Post St., San Francisco.

Plans and specifications may be obtained at the architect's office upon deposit of \$25, returnable.

Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened in Board Room of the County Board of Supervisors, Court House, Redding.

Only bid submitted October 5, by B. A. Howkins & Co., San Francisco, at \$72,451 held under consideration pending receipt of new bids.

Bid opening date previously reported in error.

Sub Contracts Awarded

EXHIBIT BLDG. Cost, \$25,000
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two-story exhibit building of Malay architecture.

Owner—Sultan of the Malay State of Johore.

Supervising Architect — Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

Roofing—W. J. Anderson, 2412 Harrison St.

Plumbing—Higgins and Kraus, 741 Tehama St.

Electric Wiring—Crown Electric Co., 153 Eddy St.

Lumber—Loop Lumber Co., Central Basin.

Mill Work—Pacific Mfg. Co., Santa Clara.

Painting—A. Sorenson.

All of San Francisco, unless otherwise noted.

Bids Opened
HEALTH CENTER, STOCKTON, San Joaquin Co., Calif.
130 South American Street.

Health Center, brick construction (Annex 50x100-ft.) offices, dental clinic, nurses' rooms, etc.

Owner—County of San Joaquin.
Architect—J. U. Cloudsley, Exchange Bldg., Stockton.

Low bidder: John C. Meyers, Rt. 1, Box 439, Stockton, \$37,593.

Complete basic bids follow:
John C. Meyers, \$37,593.
S. C. Giles, \$38,765.40.
C. E. Totten, \$38,787.
John Hachman, \$39,200.
W. C. Scott, \$40,800.
Samuel Eyre, \$41,166.
All of Stockton.

Bids held under advisement until next meeting of the Board, Oct. 28.

BIDS WANTED

SAN LUIS OBISPO, San Luis Obispo Co., Calif.—Until Nov. 7, 3 P. M., bids will be received by the Board of Supervisors of the County of San Luis Obispo, Gavan Marshall, County Clerk, for demolishing and removing the Old Court House Bldg. situated on the Block bounded by Monterey, Osos, Palm and Santa Rosa Sts. in San Luis Obispo.

Bid must be accompanied by cash or certified check of 10% of bid. * 13

BIDS WANTED

BID WANTED
YERBA BUENA SHOALS.—Until Nov. 4, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pa-

cafic Mutual Life Insurance Bldg., 680 Market St., San Francisco and publicly opened and read in Room 415 of said building, for general construction of the Recreation Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

• 13

BIDS WANTED

SAN FRANCISCO.—Until Oct. 26, 1:30 P. M., informal bids will be received by the Dept. of Public Wks., Room 252, City Hall, for lacquering linoleum floor of Juvenile Room at Richmond Branch Library.

Specifications obtainable from Supt. of Bldgs., R. A. Chisholm, 450 11th Street.

• 13

BIDS WANTED

SAN FRANCISCO.—Until Oct. 26, 1:30 P. M., informal bids will be received by the Dept. of Public Works, Room 252, City Hall, for altering Otis Elevator, No. 7, large city prison car.

Specifications obtainable from Sept. of Bldgs., R. A. Chisholm, 450 11th Street.

• 13

CONTRACT AWARDED

SAN FRANCISCO—Mangrum, Holbrook & Elkus, Golden Gate Avenue, and Hyde St., at \$125 awarded contract by the Dept. of Public Works, City Hall, for removing and resetting a bar fixture at the Opera House.

• 13

CORRECTION

Bids Wanted — To Close October 27, 10:30 A. M.

HALL OF RECORDS

Est. Cost, \$136,300
 MODESTO, Stanislaus County, Calif. Present Courthouse site.

Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories and one wing of 1-story; continuous windows standing between columns; water cooled roof; interior demountable partitions. The building is designed for future expansion and will house county departments and hall for board of supervisors.

Owner—County of Stanislaus.
 Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the office of the county clerk, Courthouse, Modesto, upon deposit of \$100 and are on file for examination at the office of the structural engineer and at the office of A. H. Memmler, 1448 Josephine St., Berkeley.

Bids will be opened at 11 A. M., Oct. 27 in the Board of Supervisors Room, County Courthouse, Modesto. Tentative bid opening date was previously reported in error as definite opening date.

Following contractors have taken out plans:
 H. H. Henning, 1751 Berkeley Ave., Stockton.
 L. Uhels, Box 181, Ripon.
 Fred J. Early, Jr., 369 Pine Street, San Francisco.

BIDS OPENED

SAN FRANCISCO—Mangrum, Holbrook & Elkus, Golden Gate Ave. and Hyde St., at \$125.00 submitted low

bid to the Department of Public Works, City Hall, for removing and resetting a bar fixture at the Opera House. Other bids were:

Panhandle Carpet Co.....\$194.00
 D. B. Gladstone.....212.00

13

Award Recommended

CITY HALL
 COALINGA, Fresno Co., Calif.
 City Hall, Police Headquarters, Jail. Owner—City of Coalinga (Ethel K. McCroskey, City Clerk).

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Low bidder: W. J. Ochs, Inc., Helm Bldg., Fresno.

Recommendation made to PWA that contract be awarded low bidder at \$34,824, which includes deduction of all alternates.

Three low basic bids follow:
 W. J. Ochs, Inc., Fresno, \$36,945.
 L. H. Hansen & Sons, Fresno, \$37,850.

R. W. Brown Const. Co., Madera, \$38,098.

Prospective Bidders

HALL OF RECORDS
 Est. Cost, \$136,300
 MODESTO, Stanislaus County, Calif. Present Courthouse site.

Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories and one wing of 1-story; continuous windows standing between columns; water cooled roof; interior demountable partitions. The building is designed for future expansion and will house county departments and hall for board of supervisors.

Owner—County of Stanislaus.
 Architect—Russell G. deLappe, 1901 Downey Ave., Modesto.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Plans and specifications may be obtained from the office of the county clerk, Courthouse, Modesto, upon deposit of \$100.

As previously reported, bids will be opened October 24, 10 A. M. A set of plans and copy of specifications are on file for examination at the office of the structural engineer and at the office of A. H. Memmler, 1448 Josephine St., Berkeley.

Following contractors have taken out plans:

H. H. Henning, 1751 Berkeley Ave., Stockton.

L. Uhels, Box 181, Ripon.
 Fred J. Early, Jr., 369 Pine Street, San Francisco.

Preparing Preliminary Plans

MEMORIAL BLDG. Cost, \$25,000
 LAFAYETTE, Contra Costa Co., Cal. One-story frame memorial building.
 Owner—Contra Costa County Board of Supervisors.

Architects—Keith O. Narbett, 462 31st Ave., Richmond, and Chester Treichel, 696 Cleveland St., Oakland.

14— RESIDENCE

Preparing Preliminary Plans

RESIDENCES
 BURLINGAME, San Mateo Co., Cal. Two one-story frame residences (5 rooms each), and one duplex residence (4 rooms).
 Owner—Withheld.

Architect—Oscar R. Thayer, 110 Sutter St., S. F.

Preparing Working Plans

RESIDENCE
 BURLINGAME, San Mateo Co., Cal., Benito Way.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, etc.

Owner—Withheld
 Architect—Oscar R. Thayer, 110 Sutter St., S. F.

Preparing Working Drawings

RESIDENCE Cost, \$.....
 REDWOOD CITY, San Mateo Co.
 One-story residence (5 rooms) wood siding, sheet rock interior, gas fired, air conditioning furnace, shingle roof, etc.

Owner—Mr. Hayne, c/o Architect.
 Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Plans Being Figured — Bids Close
 Oct. 26, 5 P. M.

RESIDENCE Cost \$.....
 HILLSBOROUGH, San Mateo Co.
 Two-story frame and shingle residence (9 rooms) gas fired, forced hot air heating, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Plans are being figured by a selected list of contractors.

Construction Underway

RESIDENCE
 SACRAMENTO, Calif.
 Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Contractor—C. E. DeCuir, 2739 Marshall St., Sacramento.

Contract Awarded

RESIDENCE
 SACRAMENTO, Sacramento Co., Cal. 54th and Polson Blvd.

One-story frame and stucco residence (6 rooms) shingle roof, gas heating system, etc.

Owner—J. W. Bolden.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Contractor—C. E. DeCuir, 2739 Marshall St., Sacramento.

Plans Being Figured

RESIDENCE Cost, \$.....
 BURLINGABLES, San Mateo Co.
 One-story frame residence (5 rooms) hardwood floors, tile bath, etc.

Owner—Withheld.
 Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Plans being figured by a selected list of contractors.

Bids Rejected.

RESIDENCE Est. Cost, \$6000
 BURLINGAME, San Mateo Co., Cal. One-story frame residence.
 Owner—Withheld.

Architect—Vincent G. Raney, 233 Post St., S. F.

Bids received Oct. 7 were rejected. Plans will be revised and refigured later.

Sub-Contracts Awarded

RESIDENCE Cont. Price, \$22,085
 STOCKTON, San Joaquin Co., Calif. Two-story brick veneer residence (10 rooms, 3 baths), shingle roof, gas heating system, etc.

Owner—D. Langley Collis, Medico Bldg., Stockton.
 Architect—J. U. Cloudsley, Exchange Bldg., Stockton.

Contractor—W. E. Wheeler, 244 East Pine St., Stockton.

Plumbing and Sheet Metal—Pahl-Harry Pfbg. Co., 427 E Channel.

Electric Wiring—Fred T. Schooley, 116 E Oak St.

Heating—Geo. F. Schuler & Son, 1130

East Weber Street.
 Tile Work—Kimberling & Grunsky, 509 East Harding Way.
 Hardwood Floors—Floyd Carmichael Hardwood Floor Co., 2432 East Church St.
 Foundations and Concrete—A. H. Sandberg, 405 W. Willow St.
 Lumber and Mill Work—J. C. McIntosh.
 Hardware—Austin Bros., 544 E. Main.
 Painting—A. Marcellin, 729 N. Yosemite.
 Lathing and Plastering—E. E. Gordon, 1622 S. Sutter St.
 All of Stockton.

Sub-Contract: Awarded
 RESIDENCE Cont. Price, \$9,908
 SALINAS, Monterey Co., Calif.

Two-story frame and brick veneer residence (nine rooms) hardwood floors, tile baths, wood sash, gas fired hot air heating system, shingle roof, etc.

Owner—J. P. Meyenberg, c/o Arch. Architect—Charles E. Butner, 7 Winham Street, Salinas.

Contractor—A. F. Carlsen, Route 1, Box 74-A, Salinas.

Brick and Stone Work—Chas. Hoosier, P. O. Box 213, Salinas.

Lumber—Woods Lumber Company, Mill Work—Hollenbeck Bush Planning Mill Co., P. O. Box 605, Fresno.

Lathing and Plastering—L. C. Jorgensen, 24 Orange Drive, Salinas.

Preparing Working Drawings
 RESIDENCE Cost, \$15,000
 MEDIUM, Ala. Co., Calif.

Two-story frame and stucco residence (10 rooms, 3 baths), hardwood floors, tile baths, shake roof, etc.

Owner—Withheld.
 Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.

Upon completion of plans bids will be received from a selected list of contractors.

15—SCHOOLS

Low Bidders
 GYMNASIUM
 LONGVIEW, Washington.

Concrete gymnasium building.
 Owner—Board of Education School District 122, Cowlitz Co. (Ruth E. Russell, Clerk).

Architect—N. Torbitt, Lloyd Building Seattle, and Ray V. Weatherly, Henry Bldg., Longview.

Low Bidder—Curtis Gardner, 3830 NE 32nd Place, Portland, \$79,977.

Second low bid submitted by H. H. Conway, Tacoma, at \$86,854.

BIDS WANTED

TUCSON, Ariz.—Until November 1 11:30 A. M., bids will be received by School District No. 1, Pima County, Ariz., for the construction of an addition to the San Hughes school in Tucson. Plans and specifications obtainable from Architect Roy Place, 11 E. Pennington St., Tucson, upon deposit of \$25. Certified check for 5% required. 15

Contract Awarded
 SCHOOL Cont. Price \$72,070.
 KERN CO., Calif. Tejon Pass bet. Port Tejon and Lebec.

One-story grammar school building (200x100 ft.), to contain three classrooms, office and gymnasium, toilets, tile roof, maple and linoleum floors, gas steam heating system, plaster and fibre board interior finish, etc.

Owner—Pershing Elementary School District. (G. A. Watson, Trustee).
 Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.

Structural Eng.—F. W. Kellberg, 320 Market St., S. F.
 Mechanical Eng.—D. S. Reynolds, 1031 S. Broadway, L. A.
 Contractor—J. K. Thomas, 700 Kress Bldg., Long Beach.

Complete bids follow:
 J. K. Thomas, Long Beach, \$72,070, (a) \$4600.

Frank Greenough, Bakersfield, \$74,700, (a) \$6700.

Archibald & Singleton, Long Beach, \$75,750, (a) \$6200.

H. B. Nicholson, Los Angeles, \$78,876, (a) \$6800.

Guy E. Hall, Los Angeles, \$79,990, (a) \$6500.
 Frank Barr, Ventura, \$84,550, (a) \$6800.

Awards Recommended
 SCHOOL ADDN.
 DELANO, Kern Co., Calif.

Construction of wood frame and stucco classroom addition at the grammar school.

Owner—Delano Union Grammar Sch. District. (E. J. Girard, Clerk).

Architect—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.

Low bidder: L. H. Hansen & Sons, P. O. Box 519, Fresno, \$48,850.

Riders Electric Shop, 509 W. Olive St., Porterville, at \$5,360 for electric wiring; J. E. Pettijohn & Co., P. O. Box 141, Delano, at \$8,262, for plumbing work, submitted low bids and were recommended for awards.

Bids Wanted—To Close November 1, 7:30 P. M.

ADDITIONS AND ALTERATIONS
 SANTA CLARA, Santa Clara Co. Calif. Cost, \$.....
 Additions and alterations to girls' gymnasium at the high school.

Owner—Santa Clara Un. High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA grant of \$10,000 will aid in financing.
 Plans and specifications will be obtainable shortly from the architect's office upon deposit of \$20.00.

Plans Completed
 SCHOOL Est. Cost, \$70,00
 BENICIA, Solano Co., Calif.

One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.

Owner—Benicia Unified School District.
 Architect—Harold H. Weeks, 593 Market St., San Francisco.

Bonds in the amount of \$38,500 were voted August 9.

Plans have been forwarded to the State Division of Architecture for approval.

Bids Opened
 SCHOOL BLDG.
 MILL VALLEY, Marin Co., Calif.

Two-story eight-classroom and auditorium elementary school building, concrete construction first floor, frame and stucco second floor, tile roof.

Owner—Mill Valley School District.
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Structural Eng.—Carl W. Zollner, San Francisco.

Low bidder: Peter Sartorio, 369 Pine St., San Francisco, \$103,369.

Complete total bids:
 Peter Sartorio, San Francisco, \$103,369.

Adam Arras and Son, San Francisco, \$107,459.

Leibert and Trobrock, San Rafael, \$109,441.

Vincent Maggiora, Sausalito, \$108,500.

De Luca and Son, San Francisco, \$111,111.

P. F. Reilly, San Francisco, \$111,900.
 Monson Bros., San Francisco, \$114,765.

Anderson and Ringrose, San Francisco, \$118,857.

Complete alternate bids will be published shortly.
 Bids taken under advisement.

Bids Opened
 SCHOOL
 OAKLEY, Contra Costa Co., Calif.

One-story frame and stucco grammar school building to contain 8 classrooms, gym and auditorium.

Owner—Oakley Union School Dist. (Edith Dal Porto, Clerk).

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidder—Nielsen & Erbertraut, 82 Hollywood Ave., San Jose, \$77,985.

Complete total bids follow:
 Nielsen & Erbertraut, \$77,985
 C. M. Teigland, Oakland, \$79,170
 Willis F. Lynn, Oakland, \$80,940
 N. H. Sjoberg & Son, Richmond, \$12,268

Central Calif. Const. Co., San Francisco, \$1,881

H. H. Henning, Stockton, \$9,340
 Geo. Roek, Stockton, \$8,411
 E. T. Leiter Sons, Oakland, \$8,967

Bids taken under advisement. The complete alternate bids will be published shortly. 15

BIDS WANTED
 OVERTON, Nev.—Until Oct. 27, 11 A.M., bids will be received by Educational Dist. No. 1, Overton, Clark County, Nev., for alterations and improvements to the present Overton school, and for similar work at schools in Logandale and Hoopa, Nev.

Plans and specifications may be obtained from Architect Miles E. Miller, 312 Felt Bldg., Salt Lake City, upon deposit of \$10. Certified or cashier's check or bond for 5% required. 15

LOW BIDDER
 SAN PSDRO, L.A. Co., Calif.—Contracting Engineers Co., 2310 1/2 W. Vernon, L. A., submitted low bid to L.A. Board of Education, at \$122,587, for constr. of a new classrm. bldg. at San PePedro high sch., 1001 W. 15th St.

San Pedro, Gordon B. Kaufmann, archt., 627 S. Carondelet St., L. A.; Murray Erick, struc. eng.; Elliott Lee Ellingwood, mech. eng. 15

SUB-BIDS WANTED
 BRISBANE, San Mateo Co., Cal.—R. A. McLean & Co., 602 California St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for construction of the Brisbane grammar school, at Brisbane, for which bids will be opened October 24, 8 P. M.

Plans by Architect Thos. M. Edwards, San Francisco. 15

BIDS WANTED
 TUCSON, Ariz.—Until November 1 11:30 A. M., bids will be received by School District No. 1, Pima County, Ariz., for the construction of a vocational auto mechanic shop in Tucson. Plans and specifications obtainable from Architect Richard A. Morse 11 E. Pennington St., Tucson, upon deposit of \$15. Certified check for 5% required. 15

CONTRACT AWARDED
 EL MONTE, Los Angeles Co., Cal.—Brunzell & Jacobsen, 2150 Princeton Ave., Los Angeles, awarded contract by El Monte Union High School District at \$14,667, for construction

of a wood frame domestic science building at the high school: a PWA project. Marsh, Smith and Powell, architects, 516 Architects' Building, Los Angeles. 15

Bids Wanted — To Close October 31, 8 P. M.

GYMNASIUM Cost, \$31,000
HOPLAND, Mendocino Co., Calif. Construction of gymnasium addition to high school; alterations to high school and certain equipment.
 Owner—Hopland Union High School District.

Architect—John Easterly, Healdsburg and Santa Rosa.
 Plans and specifications may be obtained from the architect's office upon deposit of \$15.

Bids will be opened at the office of the Hopland Union Grammar Sch. Following have taken out bids:
 R. C. Lange, P. O., Box 262, Sonoma.
 Charles Swanfelt, Box 114, Ukiah.
 F. M. Crane, Box 615, Fortuna.

Sub-Contracts Awarded

ADDITION Cost, \$...
SEBASTOPOL, Sonoma Co., Calif. Addition to gymnasium (boys' shower, tennis courts, fences, lockers etc.) at Analy High School.
 Owner—Analy Un. High School District (R. H. Irwin, Clerk).
Architect—John Easterly, Healdsburg and Santa Rosa.

Contractor—C. W. Shatto, 390 Murphys Ave., Sebastopol.

Roofing—C. D. Roberts, 432 3rd St., Santa Rosa.

Brick Work—Walter L. Olsen, 238 Cabrillo St., Santa Rosa.

Mill Work—Smith's Planing Mill, Sebastopol.

Plumbing and Sheet Metal—W. D. Callahan, 631 Bodega Ave., Sebastopol.

Electric—Norman Russell, Box 455, Santa Rosa.

Heating—Geo. C. Bell, 1825 Gleason Way, Fruitvale.

Toilet Partitions—Dwan & Co., 126 Post St., San Francisco.

Plastering—Paul Lindau, 533 Humboldt St., Santa Rosa.

Painting—W. B. Coats, 238 S Main St., Sebastopol.

Bids Opened

ADDITION
MERCED, Merced County, Calif. Addition to John Muir Gram. School.
 Owner—Merced Elementary Sch. District (Alfred W. Petersen, Clerk).
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
Low Bidder—C. B. Cameron & Son, P. O. Box 24, Merced, \$50,749.

Recommendation was made to the PWA that contract be awarded the low bidder. Complete bids follow:
 C. B. Cameron & Son \$50,749
 Inler & Allen, Merced 51,559
 J. C. Meyers, Stockton 64,439

Funds Allotted

PRESS BLDG. Cost, \$325,000
BERKELEY, Alameda Co., Cal. University of Calif campus (Oxford and Center Sts.)
 Three-story building to house University Press and printing plant.
 Owner—Regents of the University of California.
Architect—Masten & Hurd, 442 Post St., San Francisco.

PWA grant in the amount of \$146,000 allotted.

BIDS OPENED

SAN FRANCISCO—Pioneer Carved Glass & Sign Co., 468 Hayes Street, at \$43.33 submitted only bid to the Dept. of Public Works, City Hall, for removing, repairing and re-

stalling a glass sign at Coroners office. 15

Bids Opened

SCHOOL
COALINGA, Fresno Co., Calif. Construction of new Sunset School (reinfr. concrete construction).
 Owner—Coalinga Elementary School District (Annie Cheney, Clerk).
Architect—W. D. Coats, Rowell Bldg., Fresno.

Low bidder: Trehwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, \$202,900.

Recommendation was made to PWA that contract be awarded the low bidder.

Complete bids follow:
 Trehwhitt-Shields & Fisher, Fresno, \$202,900.

Harman Const. Co., Glendale, \$205,313.

J. H. Hansen & Sons, Fresno, \$207,737.

F. C. Stolte Co., Alameda, \$209,650.

W. W. Petley, L. A., \$212,870.

BIDS OPENED

EXETER, Tulare Co., Calif.—Trehwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, at \$120,900 submitted low bid to the Exeter School District, Lincoln School Bldg., Exeter, for construction of a school containing 6 classrooms, assembly room, gym and offices. Plans by Architect H. L. Gogerty, 6272 Yucco Street, Hollywood.

Complete bids, which were held under advisement, follow:
 Trehwhitt-Shields & Fisher, Fresno, \$120,900.

Fisher & McNulty, Fresno, \$124,239.

W. W. Petley, L. A., \$125,671.

Pinkerton and Jameson, Corona, \$126,000.

J. H. Hansen & Sons, Fresno, \$126,900.

T. P. Schultz, Compton, \$127,200.

Harman & Co., L. A., \$129,489.

F. W. Brown Const. Co., Madera, \$134,448.

R. Hodgson & Sons, Porterville, \$137,825.

Prospective Bidders

SHOP BLDG.
MAXWELL, Colusa Co., Calif. One-story frame and stucco agricultural shop bldg. at the high school.
 Owner—Maxwell Union High School District.
Architect—O. A. Delchmann, 321 Bush St., S. F.
 Bonds voted in the amount of \$8,500, together with PWA grant will finance construction.

As previously reported, bids will be opened October 24, 10 A. M.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened at the Maxwell Union High School.

Following have taken out plans:
 Alfred J. Hopper, 243 Langton St., San Francisco.

Carlen Construction Co., 147 10th St., S. F.

Peter Sartorio, 369 Pine St., S. F.

Shalz Const. Co., 3445 Woodland Ave., Sacramento.

F. H. Neilson, 96 8th St., Orland.

H. C. Mathiesen, Maxwell.

Contract Awarded

ALTERATIONS Cont. Price \$126,861
SAN RAFAEL, Marin Co., Calif. Construction of Units C, D, E and F additions to the San Rafael High School, including alterations to present bldg. and plumbing and

electrical systems for Units A, B, C, D, E and F and present shop building.

Owner—City of San Rafael School Dist. (Oliver Hartzell, Supt of Schools).

Architect—N. W. Sexton, 1601 de Young Bldg., San Francisco.

Contractor—Leibert & Trobeck, Albert Bldg., San Rafael.

Contract awarded on basic bid, including deduction of alternate 3 for omitting Unit C.

Complete bids published Oct. 12, 1938.

CONTRACT AWARDED

MARYSVILLE, Yuba Co., Calif.—Sacramento Roofing & Insulation Service, 12th and N. "B" St., Sacramento, at \$3,447 submitted low bid and was awarded contract by the Marysville Elementary School District, Walter Kynoch, Clerk, for construction of new roofs for the Marysville Elementary School Buildings located on corner of 7th and F Sts., Marysville. Architect, Chas. F. Dean, 1407 California State Life Building, 10th and J Streets, Sacramento.

Complete bids follow:
 Sacramento Roofing and Insulation service, Sacramento, \$3,447.00.

James Nealon Roofing Service, Yuba City, \$3,460.00.

Jack Johnson Roofing Co., San Francisco, \$3,944.00.

Bids Opened

ADDITION
WOODLAND, Yolo Co., Calif. New 2-story annex addition to the Woodland High School.
 Owner—Woodland High School District.

Architects—Dragon & Schmidts, 2068 Allston St., Oakland.

Low bidder: Carl N. Swenson Co., 355 Stockton Ave., San Jose, \$125,884.

Recommendation was made to the PWA that contract be awarded low bidder on basic bid, not including deduction of three alternate proposals.

Complete basic bids follow:
 Carl N. Swenson Co., 355 Stockton Ave., San Jose, \$125,884.

Azevedo Const. Co., Sacto, \$126,531.

Campbell Const. Co., Sacto, \$126,846.

Peter Sartorio, S. F., \$128,978.

Villadsen Bros., Inc., Oakland, \$135,500.

N. H. Sjoberg & Son, Oakland, \$138,872.

BIDS OPENED

SAN FRANCISCO—D. J. & T. Sullivan, 1942 Folsom St., at \$45 submitted low bid to the Dept. of Public Works, City Hall, for straightening building adjoining Bernal School site.
 Complete bids were:
 D. J. — T. Sullivan, \$45.
 Pearson & Johnson, \$60. 15
 Hanson Bros., \$115.

Bonds Voted

SCHOOL
BELVEDERE, Marin Co., Calif. Bay-view and Laurel Sts.
 One-story frame and stucco grammar school to contain four classrooms, wood sash, maple floors, slate roof, oil burning heating system.
 Owner—Belvedere Elementary Sch. District.

Architect—D. E. Jaekle and W. C. Falch, Associate Architects, 126 Post St., S. F.

The school district voted bonds October 11 in the amount of \$22,000, which proceeds, together with expected PWA grant of \$18,000 will finance construction.

LOW BIDDER

ALHAMBRA, L. A. Co., Calif.—Steed Bros., 942 E. Main St., Alhambra, submitted low bid and were awarded contract by Alhambra Bd. of Education, at \$63,840, for construction of a boys' gym on the high school site on S. 4th St., Alhambra. Plans were prepared by John Walker Smart, architect, 1200 E. Alhambra Road, Alhambra, and Murray Erick, structural engineer, 811 W. 7th St., Los Angeles.

Bids Wanted—To Close October 26, 8 P. M.

AUDITORIUM-GYM Estimated Cost, \$167,000
SHAFFER, Kern Co., Calif.
Construction of one-story reinforced concrete auditorium-gymnasium for Shafter High School at Shafter and gym-auditorium with locker rms. for McFarland High School at McFarland.
Owner—Kern County Un. High Sch. District (C. F. Moore, Clerk).
Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

As previously reported, plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids will be opened in the office of Kern County Union High School in Bakersfield, and must be accompanied by certified or cashier's check or bid bond for 10% of bid.

Bids Wanted — To Close Nov. 7, 8 P. M.

AUDITORIUM. Cost, \$204,000
DEJANO, Kern Co., Calif. Delano High School.
Auditorium and cafeteria building, concrete and steel construction, hollow tile and metal interior partitions, composition roof, terrazzo, asphalt tile and cement floors, oil burning heating system, plaster and acoustical board interior finish, seating stage equipment, cafeteria equipment.
Owner—Delano Joint Union High School District.
Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.

PWA grant of \$101,142 allotted. Plans and specifications obtainable from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the office of the Delano Joint Union High School.

Bids Wanted — To Close Nov. 4, 8 P. M.

ADDITIONS & ALTERATIONS Est. Cost, \$80,000
VALLEJO, Solano Co., Calif.
Construction of addition to Charles F. Curry School and alterations and additions at Roosevelt Sch. Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans and specifications may be obtained from the architect's office upon deposit of \$25. Both schools included in one contract.

Bids will be opened in the office of the M. G. Vallejo Junior High School, 1347 Amador St., Vallejo.

Bids Wanted—To Close November 2, 4:30 P. M.

SCHOOL Cost, \$.....
SHASTA, Shasta Co., Calif.
Construction of an elementary school building.
Owner—Shasta Elementary School District (John W. Strode, Clerk)
Architect—Masten & Hurd, 442 Post

St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid, and will be opened in the office of the County Superintendent of Schools, Court House, Redding.

Correction

Bids Wanted—To Close October 27. SCHOOL Cost, \$.....
COTTONWOOD, Shasta Co., Calif.
Construction of new grammar school
Owner—Cottonwood Elementary Sch. District.

Architects—Masten & Hurd, 442 Post St., San Francisco.

As previously reported, plans and specifications may be obtained at the architect's office upon deposit of \$25. Bids will be opened in the office of the County Superintendent of Schools in the Courthouse, Redding.

Opening date previously reported in error.

Bids Wanted—To Close November 1, 7:30 P. M.

ADDITIONS AND ALTERATIONS SANTA CLARA, Santa Clara Co.
Additions and alterations to girls' gymnasium at the high school.
Owner—Santa Clara Un. High School District.
Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA grant of \$10,000 will aid in financing.

As previously reported, plans and specifications obtainable from the architect's office upon deposit of \$20.

Bids will be opened at 8 P. M., November 1, in the office of Board of Trustees, Santa Clara Union High School and must be accompanied by certified or cashier's check or bid bond for 5% of bid.

(881) 1st report Oct. 19, 1938. 15

Additional Sub-Contracts Awarded ADDITION Cont. Pr., \$49,913
MOUNTAIN VIEW, Santa Clara Co.
Library, classroom unit at high the

school.
Owner—Mountain View Union High School District.

Architect—Clark and Clark, 810 University Ave., Palo Alto.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.

Reinforcing Steel—Gilmore Fabricators, Inc., 821 Folsom Street, San Francisco.

Plumbing, Heating and Ventilating—Harry Lee, 220 California Drive, Burlingame.

Glass—Center Hardware and Glass Co., 600 Fourth St., San Francisco
Metal—Stanford Sheet Metal Works, 815 High St., Palo Alto.

Acoustic, Celotex and Ceiling—Peterson-Cobby Co., 363 Clementina St., San Francisco.

Roofing—Peninsula Roof & Tile Co., Front and View Sts., Mt. View.
Blackboard—F. E. Turner, 557 Market St., San Francisco.

Sub-Contracts Awarded COMPLETE SCHOOL BLDGS.

Contract Price, \$67,810
ALAMEDA, Alameda Co., Cal. Bay and Santa Clara (Mastick Sch.)
Completion of 1-story and part basement modernistic U-shaped elementary school bldg. (12 classrooms, gym, and auditorium), to be built around a central courtyard of which the exterior stuccoed frame shell on conc. foundation and the composition roof are completed.

Work includes interior mill work, doors, windows, linoleum, lathing and plastering, and finish electrical work.

Owner—Alameda Board of Education (Wm. G. Paden, Supt.)

Architect—Kent & Hass, Underwood Bldg., San Francisco.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Window Hardware—Universal Window Co., 950 Parker St., Berkeley
Glass and Glazing—W. P. Fuller and Co., 259 10th St., Oakland.

Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.

Venetian Blinds and Sash—J. W. Fricke Ct., 420 Market St., San Francisco.

Millwork—California Mill & Lumber Co., 1829 Webster St., Alameda

Lathing and Plastering—Wm. Makin, 2141 Livingston, Oakland

Electric Work—Kerr & Clifford, 4010 Foothill Blvd., Oakland.

Linoleum—Superior Tile Co., 3743 Broadway, Oakland.

Sheet Metal—Tobey Christensen, 58 Rotteck St., San Francisco.

Misc. and Ornamental Iron—Eandl Artistic Metal Works, 976 23rd St., Oakland.

Fencing—Anchor Post Fence Co., 1033 Fifth Ave., Oakland.

Black Boards, Toilet Partitions—Munthe Equipment Co., 841 Howard St., San Francisco.

BIDS OPENED

TRACY, San Joaquin Co., Calif.—S. C. Giles, 121 W. Knowles Way, Stockton, at \$15,123 submitted low bid and was recommended to PWA for award of contract by the Tracy Union High School District, Bert Banta, Clerk, for the construction of a music building located at Tracy.

Plans by Architect Leon Lockwood, 443 E. Weber Ave., Stockton, Civil Engineer, Chas. H. Young.

Complete bids follow:
S. C. Giles, Stockton, \$15,123.

J. P. Ecker, Stockton, \$16,390.

Tornell Co., Tracy, \$17,905.

Samuel Eyre, Stockton, \$17,986.

M. J. B. Constr. Co., Stockton, \$20,300.

BIDS OPENED

SAN FRANCISCO—Fire Protection Products Co., 1101 16th St., at \$225, submitted low bid to the Dept. of Public Works, City Hall, for furnishing and installing four pairs and two single doors at Commodore Stockton School.

Complete bids were:
Fire Protection Products Co., \$225.
Thornberg Metal Products, \$265.
A. J. Hooper, \$445.

Bids Wanted — To Close Nov. 3, 8 P. M.

ADDITION Cost, \$15,000
REDWOOD CITY, San Mateo Co., Calif. Middlefield Road.
Addition to Garfield School (2 classrooms).

Owner—Redwood City Elementary School District.

Architect—Thos. M. Edwards, 9 Geary St., S. F.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the office of the McKinley School, Redwood City.

Plans Completed SCHOOL BLDG. Cost, \$60,000

SACRAMENTO, Sacto Co., Calif.

Construction of addition at Theodore Judah Elementary School.

Owner—City of Sacramento.

Architect—Chas. F. Dean, 1407 California State Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction.

Plans forwarded to State Division of Architecture for approval.

Bids Wanted — To Close November 3, 7 P. M.
SCHOOL. Est. cost, \$70,000
BENICIA, Solano Co., Calif.
 One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.

Owner—Benicia Unified School District.
Architect — Harold H. Weeks, 593 Market St., San Francisco.

Bonds in the amount of \$38,500 were voted August 9.

Plans and specifications will be available shortly at the architect's office upon deposit of \$20, returnable.

Bids will be opened at 8 P. M., Nov. 3, in the office of the Benicia High School, and must be accompanied by a certified or cashier's check or bid bond for 5% of bid.

Bids Opened
SCHOOL ADDN.
SACRAMENTO, Calif.
 Construction of a classroom addition at Crocker Elementary School.

Owner—Sacramento City Unified Sch. District (Chas. C. Hughes, Secy).
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
 Low bidder: Chas. F. Unger, 2526 Seventh Ave., Sacramento, \$10,362.

Recommendation was made to PWA that contract be awarded the low bidder.

Chas. F. Unger, \$10,362.
 Otto Steinbrenner, \$10,600.
 M. R. Peterson, \$10,873.
 Holdener Const. Co., \$11,077.
 H. C. Martin, \$11,036.
 Lawrence Const. Co., \$11,266.
 H. H. Robertson, \$12,210.
 Henry Flinnigan, \$12,398.

Prospective Bidders
ADDITION. Cost, \$35,000
BRISBANE, San Mateo Co., Calif.
 Frame and stucco addition to grammar school.

Owner—Visitacon Elementary School District, Ethel Jonas, Clerk.
Architect—Thos. M. Edwards, No. 9 Geary St., S. F.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

As previously reported bids will be received until 8 P. M., Oct. 24, and opening at 8:30 P. M., of that date in the office of the Brisbane Grammar School.

Following have taken out plans:
 H. H. Larsen Co., 64 S. Park, S.F.
 Charles J. Pedersen, 734 Prospect Row, San Mateo.

R. A. McLean & Co., 602 California St., S. F.
 G. W. Williams Co., 10 California Drive, Burlingame.
 Miller Constr. Co., 3917 Mission St., San Francisco.

Lon Looman, 125 Park Road, Burlingame.
 Frank J. Reilly Co., 6350 Fulton Street, S. F.

Wm. Martin, 666 Mission St., S.F.
 P. F. Reilly, 401 Phelan Bldg.
 John E. Branagh, 116 Monticello Ave., Piedmont.

C. C. Newman, 666 Mission Street, San Francisco.
 Oliver S. Almlie, 1445 24th Avenue, San Francisco.

Bids Wanted — To Close October 31, 8 P. M.

ADDITION & ALTERATIONS
LATON, Fresno Co., Calif.
 Alterations and addition to present school building.

Owner—Laton Elementary Sch. Dist., Mrs. Elwood Letson, Clerk.

Architect—W. D. Coates, 626 Rowell Bldg., Fresno.

Plans and specifications may be obtained from the Architect's office upon deposit of \$25, returnable.

Bids will be opened in the Laton Elementary School Building and must be accompanied by certified or cashier's check or bid bond for 5% of bid.

Bids Opened
SCHOOL
MARTINEZ, Contra Costa Co., Cal.

Block bounded by Almond Street, Vine Ave., Sycamore Street and Palm Avenue.

Construction of one-story frame Mt. View primary school building to contain classrooms and kindergarten.

Owner—Martinez School District, W. A. Ormsby, Clerk.
Architect — Harold H. Weeks, 5 93 Market St., San Francisco.

Low Bidder—Carl Overaa, 2105 Roosevelt Ave., Richmond, \$38,840.

Complete basic bids follow:
 Carl Overaa, Richmond, \$38,840
 A. J. Hopper, Oakland, 41,875
 C. M. Teigland, Oakland, 42,659
 E. T. Letter Sons, Oakland, 42,887
 Willis F. Lynn, Oakland, 43,460
 Neilsen & Erbentraut, San Jose, 43,995
 Central California Const. Co., San Francisco, 44,844
 N. H. Sieberg & Son, Oakland, 45,764
 H. H. Henning, Stockton, 47,050

16—BANKS, STORES AND OFFICES

Contract Awarded
SHOW ROOM Cost \$11,400

SAN FRANCISCO, N.E. 10th Street, 373 ft. S.E. Bryant Street.
 One-story frame show room.
Owner—Zellerbach Levison Co., 465 California Street.

Architect—Hyman and Appleton, 68 Post St., S. F.
Engineer—H. Rosenthal, 76 6th Eeve.
Contractor—John E. Kramer, 1906 Stelner St., S. F.

Contract Awarded
ALTERATIONS & ADDN. Cost, \$.....

SAN FRANCISCO, 2500 16th St.
 Alterations and additions to building.
Owner—Society for Prevention of Cruelty to Animals, 2500 16th St.

Engineer—C. Heller, 111 Sutter St.
Contractor—Jacks & Irvine, 620 Market St., S. F.

Preparing Preliminary Plans
MARKET BLDG. Cost, \$16,500

MERCED, Merced Co., Calif.
 One-story reinforced concrete market bldg. (100x50 ft.), wood trusses, parking lot adjoining.

Owner—Withheld.
Architect—A. A. Cantin, 64 Pine St., San Francisco.

Plans Being Figured—Bids Close
October 25, 10 A. M.

ALTERATIONS Cost, \$.....
OAKLAND, Alameda Co., Calif.

Building alterations to Oakland-Glen-court office to install gas engine in basement to furnish emergency power.
Owner—Pacific Tel. & Tel. Co.
Plans by Engr. Dept. of Owner.
 Plans being figured by a selected list of contractors.

CONTRACT AWARDED
LOS ANGELES, Calif.—Pozzo Construction Co., 2403 Riverside Drive,

awarded contract for alterations to portion of the ground floor and basement of the Central Bldg., S. W. cor. of 6th and Main Sts., to be occupied by the Santa Fe Trail Transporta-

tion Co. All work included in general contract. Cost \$40,000. Plans prepared by architect dept. of Santa Fe Kerckhoff Bldg. A small restaurant will be installed in the terminal by the Interstate Co., 635 Towne Ave. 16

Prospective Bidders
BANK Est cost, \$500,000

BERKELEY, Ala. Co., Calif. Milvia and Center Streets.
 Five-story and basement, reinforced concrete, Class B, Farm Credit Administration Bldg., 11th District. (172x100 ft.).

Owner—Farm Credit Administration. Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

As previously reported, bids will be opened October 26, 10 A. M.

Following have taken out plans:
 W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

K. E. Parker Co., 135 S. Park, S.F.
 Lindner and Swinerton, Inc., Standard Oil Bldg., S. F.
 P. J. Walker Co., 607 Sharon Bldg., San Francisco.

MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., S. F.
 Clinton Construction Co., 923 Folsom St., S. F.

Anderson and Ringrose, 320 Market St., S. F.
 Dinwiddie Const. Co., 210 Crocker Bldg., S. F.

Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Bids Opened
MARKET BLDG.

MODESTO, Stanislaus Co., Calif.
 One-story and mezzanine market building (140x125 ft.), with 60-ft. tower.

Owner—Withheld.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Low bidder: Arnold Bros., 208 Elmwood Ave., Modesto, \$35,865.
 Complete bids follow:
 Arnold Bros., \$35,865.
 Harry E. Brown, \$38,997.
 Cotner Tomnitz & King, \$40,746.
 M. O. Ward, \$48,890.

CONTRACT AWARDED
LOS ANGELES, Cal.—P. J. Walker Co., 3900 Whiteside Avenue,

will erect a three-story reinforced concrete store building 145x135 ft. in area, at 3100-10 Wilshire Blvd. for Bullock's, Inc. 657 S Broadway. John and Donald E. Parkinson, architects, 474 Title Insurance Bldg. Cost, \$100,000. 16

18— WHARVES & DOCKS

BIDS OPENED
HARBOR TERMINAL IMP.

PORT OF REDWOOD CITY, San Mateo Co., Calif.
 Construction of harbor terminal improvements consisting of completion of present wharf and construction of new warehouse (300 x100-ft.) including equipment.

Owner—Redwood City Council (B. E. Myers, City Clerk), City Hall.
Plans by Engr. Dept. of Redwood City.

Low bidder: Miller Const. Co., 3917 Mission St., \$74,303.
 Complete total bids:
 Miller Const. Co., \$74,303.
 Monson Bros., \$76,221.

Schuler and McDonald, \$77,948.
 Fred J. Early, Jr., \$78,984.
 Healy-Thibbitts Const. Co., \$79,479.
 G. W. Williams Co., \$83,533.

M. B. McGowan, Inc., \$83,589.

Clinton Const. Co., \$83,742.
D. W. Nicholson, \$83,759.
W. C. Tait, \$84,497.
Frank J. Reilly Co., \$84,543.
F. C. Stolte Co., \$86,534.

19—MISC. CONSTRUCTION

COMPLETE BIDS

WASHINGTON, D. C.—Lake Washington Shipyard Company and Commercial Iron Works, Portland, submitted identical low bids at \$892,000 to the Coast and Geodetic Survey Department of Commerce, Washington, D. C., for construction of a 1500 ton survey vessel.

Complete bids follow:

Lake Washington Shipyard Co., Seattle, \$892,000. Alt. 1, add \$5,000, Alt. 2, add \$2,000.

Commercial Iron Works, Portland, \$892,000. Alt. 1, add \$1,000, Alt. 2, add \$18,500. Alt. 3, \$95,500, Alt. 4, \$2,000.

Marvland Drydock Co., Baltimore, Md., \$959,254. Alt. 1, add \$3,000.

Manitowac Shipbuilding Co., Manitowac, Wis., \$979,846.

Puesy and Jones, Wilmington, Del., \$1,034,900. Alt. 1, add \$880, Alt. 2, add \$2530.

Todd Drydock Co., Seattle, Wash., \$1,111,836.

Bethlehem Shipbuilding Co., Quincy, Mass., \$1,216,000. Alt. 1, add \$2,450, Alt. 2, add \$2,350.

General Engineering and Drydock Co., Oakland, \$1,292,300. Alt. 1, add \$1500. * 19

CONTRACT AWARDED

KENDRICK PROJECT, Wyoming.—Fritz Ziebarth, 803 Security Bldg., Long Beach, California, at \$31,823, awarded contract by the U. S. Bureau of Reclamation, Casper, Wyoming, under Spec. No. 799, for the construction of a transmission line from Cheyenne, Wyoming to Gering, Nebraska. * 19

BIDS WANTED

SAN FRANCISCO.—Until Oct. 25, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-125, for furnishing, driving and removing test piles in the vicinity of Mine Wharf, Fort Winfield Scott, San Francisco.

Estimated quantities:

- (1) Furnish, drive and remove two 30-ft. timber piles;
- (2) Furnish, drive and remove two 40-ft. timber piles;
- (3) Furnish, drive and remove one 50-ft. timber pile;
- (4) Furnish, drive and remove three 60-ft. timber piles.

Plans and specifications available from above office. * 19

Award Recommended

HARBOR TERMINAL IMPROVEMENTS AT REDWOOD CITY, SAN MATEO CO., CALIF.

Construction of harbor terminal improvements consisting of completion of present wharf and construction of new warehouse (300 x 100-ft.) including equipment.

Owner—Redwood City Council (B. E. Myers, City Clerk) City Hall. Plans by Engineering Dept. of Redwood City.

Low Bidder—Miller Const. Co., 3917 Mission St., San Francisco, \$74,303.77.

Recommendation made to the PWA that contract be awarded low bidder.

CONTRACT AWARDED

LINCOLN, Wyo.—Bennett & Taylor, 598 San Fernonda Road, L. A.,

at \$60,398 awarded contract by the Rural Electrification Ass'n., for constructing 87 miles electric transmission line for the Lower Valley Power & Light Co., Inc., in Swan Valley. * 19

BIDS OPENED

SAN FRANCISCO AND ALAMEDA COUNTIES, Calif.—Abbett Elec. Company, 126 Sears St., San Francisco, at \$16,404, submitted low bid to the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 813, 500 Sansome St., San Francisco, for the construction of the telephone system of the railway facilities of the San Francisco-Oakland Bay Bridge, San Francisco and Alameda Counties, Calif.

Work involves:

Contract R-6 Telephone System

- (1) Installation of cable lump sum;
- (2) Furnishing and placing cable accessories and branch wiring lump sum;
- (3) 7 type A local battery magneto subscriber sets;
- (4) 1 type B local battery magneto subscribers set.
- (5) 9 type C local battery magneto subscriber sets;
- (6) 5 type D local battery magneto subscriber sets;
- (7) 15 type E central battery subscriber sets.
- (8) 4 type F central battery subscriber sets;
- (9) 11 No. 10 cable terminal boxes;
- (10) 5 No. 26 cable terminal boxes;
- (11) 1 No. 51 cable terminal box;
- (12) 1 PBX switchboard;
- (13) 1 lot misc. work.

Total bids follow:

(A) Abbett Electric Co., San Francisco, \$16,404.00.

(B) George F. Brayer, San Francisco, \$13,503.21.

(C) Radelinger Bros., S. F., \$19,920.

(D) Barrett and Hilp, S. F., \$22,930.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	6672.00	9720.00	11,258.00	12,300.00
(2)	4,896.00	3023.00	3,900.00	5,600.00
(3)	73.00	49.49	46.80	67.00
(4)	46.00	70.10	46.80	43.00
(5)	78.00	78.08	78.00	100.00
(6)	34.00	38.85	40.00	47.00
(7)	30.00	31.79	33.00	33.00
(8)	85.00	83.82	86.00	105.00
(9)	35.00	62.00	16.00	28.00
(10)	55.00	72.98	32.00	28.00
(11)	226.00	229.84	200.00	230.00
(12)	1251.00	1318.84	1,330.00	1,350.00
(13)	480.00	1039.00	1,280.00	440.00

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Calif.—Riverside Cement Co. and Southwestern Portland Cement Co. (bidding jointly) at \$706,500 were awarded contract by U. S. Engineer, Los Angeles, for furnishing and delivering 75,000 barrels of cement in bulk at Hansen Dam. Invt. 161. * 20

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Loop Lumber Co., Broadway and Blanding, Alameda, submitted only bid and was awarded the contract by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for furnishing lumber for the fiscal year ending June 1939. * 20

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until November 1, 8:15 P.M., bids will be received by the Alameda City

Council, D. E. Dyer, City Clerk, City Hall, for furnishing corrugated pipe culvert for the fiscal year ending June 1939.

Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Taper Tube Pole Co., Monadnock Bldg., San Francisco, at \$2,759.89 submitted low bid and was awarded contract by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for furnishing 23 light standards for the City of Alameda.

United Metal Co., San Francisco, at \$2,842.80 submitted only other bid. * 20

BIDS OPENED

OAKLAND, Calif.—U. S. Pipe and Foundry Co., Monadnock Building, San Francisco, at \$35,099.60 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Spec. I.S. 222, for furnishing 27,400 l.f. cast iron pipe, as follows: (1) 20,000 l.f. Class 150 bell and spigot cast iron pipe of 8-inch internal diameter; (2) 5,000 l.f. Class 150 bell and spigot cast iron pipe of 10-inch internal diameter; (3) 2,400 l.f. Class 150 bell and spigot cast iron pipe of 16-inch internal diameter.

Total bids follow:

U. S. Pipe and Foundry Co., S. F., \$35,099.60.

American Cast Iron Pipe Co., S. F., \$35,432.

Pacific States Cast Iron Pipe Co., submitted a partial bid. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Pope and Talbot, Russ Bldg., San Francisco, at \$20,878.29 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Spec. No. 1085, for furnishing lumber for use in roofing the Verryman Reservoir. * 20

BIDS OPENED

SAN FRANCISCO.—Metal Products Fabricating Co., 429 Tehama St., San Francisco, at \$270, 2% 10 days, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-118, for furnishing 1500 cable hangers; f.o.b. Fort Funston.

Total bids follow:

Metal Products Fabricating Co., \$270, 2% 10 days.

Marine Elec. Co., \$495, net.

Berkeley Steel Construction Co., \$585, ½% 10 days.

General Metals Corp., \$645, ½% 10 days.

Hubbard & Co., \$660, ½% 10 days.

Enterprise Foundry, \$705, net. * 20

CONTRACTS AWARDED

SANTA ANA, Orange Co., Calif.—Contracts for materials for protection work on Santa Ana River awarded by the Orange county supervisors were:

Columbia Steel Co., at \$56,509.95, for wide fencing and misc. wire as follows: 36,500 rods type "T" wire fencing; 300 rods 2 1/2 in. type "T" wire fencing; 75,000 lbs. No. 9 and 50,000 lbs. No. 11 black annealed steel wire. Hyman-Michael Co., at \$25,500 for 1000 tons steel rails.

Mission Pipe & Supply Co., at \$2109.75 for 28,900 1/2-in. wire rope clips, and at \$5400 for 1350 pieces new black 4-in. O.D. pipe. 20

BIDS OPENED

PANAMA CANAL.—Bids for 60,000 bbls. fuel oil, Sched. 3387, opened by General Purchasing Officer, the Panama Canal, Washington, D. C., were: Texas Co., New York City, \$47,400.

Socony-Vacuum Oil Co., N. Y. City, \$47,850.

Standard Oil Co., N. Y. City, \$51,000.

Arrow Oil Co., N. Y. City, \$56,400.

Union Oil Co., L. A., \$57,000. 20

BIDS WANTED

BERKELEY, Alameda Co., Calif. Until November 1, 10 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing: (1) 1440 lf. 8-inch; (2) 1400 lf. 10-inch; (3) 600 lf. 12-inch and (4) 510 lf. 16-inch welded steel pipe.

Plans and specifications may be obtained from the above office. 20

CONTRACTS AWARDED

BONNEVILLE PROJECT, Ore.—Contracts for insulators have been awarded by J. D. Ross, Bonneville project administrator, Portland, Ore., as follows:

Ohio Brass Co., Barberton, Ohio, 13,968 insulators for Bonneville-The Dales line, \$12,152.16; 28,416 insulators for Kelso-Aberdeen line, \$24,721.92; 68,500 insulators each for northern division and southern division line, Bonneville-Grand Coulee line, at \$54,800 for each div.; and all f.o.b. Barberton, Ohio.

General Elec. Supply Co., 21,458 insulators for Vancouver-Kelso line at \$20,692.94, f.o.b. destination.

Weshinghouse Elec. & Mfg. Co., 43,116 insulators at \$40,112.40, f.o.b. destination. 20

BIDS OPENED

OAKLAND, Calif.—George R. Morris Welding Works, 4045 E. 12th St., Oakland, at (1) \$3.30 each and (2) \$3.65 each, submitted only bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing (1) 400 parking limit signs and (2) 400 brackets for the City of Oakland. 20

BIDS OPENED

SACRAMENTO, Cal.—Blake Bros. Co., Balboa Bldg., San Francisco, at \$8,340 submitted low bid to the U. S. Engineer Office, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-96, for furnishing approximately 2000 solid c.y. riprap stone delivered along the banks of the Sacramento River between Collinsville and the vicinity of mouth of Cache Slough. Total bids follow.

Blake Bros., San Francisco, \$2.78 per c.y., total, \$5,340.

Basalt Rock Co., Inc., Napa, \$3.22 per c.y., total, \$9,660.

Daniel Contr. Co., San Francisco, \$4.98 per c.y., total, \$14,940. 20

BID OPENED

OAKLAND, Calif.—Spears Wells Machinery Co., 1832 W. Ninth St., Oakland, at \$110.50 per day submitted only bid to the Oakland City Council, W. W. Chappell, City Clerk City Hall, for paving existing pavement for the remainder of the existing fiscal year 1938-1939. Price per day, 8-hour day. 20

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$180; 1302 Lakeshore Ave., Oakland; owner, R. Irvine, 1302 Lakeshore; contractor, Crown Roof Co., 1911 East 12th St.

ADDITION, 1-story frame, \$150; 6112 San Pablo Ave., Oakland; owner and builder, C. Marshall.

ALTER, \$200; 1224 Franklin Street, Oakland; owner, Mr. Marks, St. Marks Hotel; contractor, Lloyd S. Dawson, 1972 Tiffin Road.

ALTER, \$100; 1905 Grove St., Oakland; owner and builder, Kathryn Powers, 1905 Grove St.

ALTER to interior, \$225; 2338 East 14th St., Oakland; owner, Berkeley Gar. Bldg. & Loan, 2101 Shattuck Ave.; contractor, Mason McDuffee.

SIGN, electric, \$190; 1012 Broadway, Oakland; owner, Western Notion & Novelty Co.; contractor, Elec. Prod. Corp., 950 30th Street.

SIGN, electric, \$290; 3421 Telegraph Ave., Oakland; owner, Neidams Danish Bakery; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$410; 3343 Lakeshore Ave., Oakland; owner, Lakeshore Hardware Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$90; 2600 35th Ave., Oakland; owner, Brookdale Ser. Station; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$30; 3022 East 14th St., Oakland; owner, Lakeshore Home Appliance; contractor, El. Prod. Corp., 950 30th St.

SIGN, electric, \$450; 1711 Broadway, Oakland; owner, A. F. Edwards Co.; contractor, Elec. Prod. Corp., 950 30th St.

Electric sign, \$450, 1710 Telegraph Ave., Oakland; owner, A. F. Edwards Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, metal, \$150; 9235 Foothill Blvd.; owner and builder, Angela K. Wright, 9235 Foothill Blvd.

SIGN, wood, \$20; 5488 College Ave., Oakland; owner and builder, Brooks & Mlejnek, 5488 College Ave.

SIGN, wood, \$12; 1575 Madison St., Oakland; owner, De Long Market, 1575 Madison St.; contractor, P. M. De Gregory, 1223 32nd Street.

ROOFING, \$200; 964 Kingston Ave., Piedmont; owner, Geo. H. Hungerford, 4215 Terrace St., Oakland contractor, American Roofing Co., 383 40th St., Oakland.

RE-ROOF, \$680; 2933 Claremont, Berkeley; owner, E. Johnson, Central Bank Bldg., Oakland; contractor, General Roofing Co., Beach and Halleck Sts., Oakland.

GARAGE, \$400; 1856 San Pedro, Berkeley; owner, Mabel M. Lockhart, 1856 San Pedro; contractor, Carl Walstrom, 1447 Excelsior Ave., Oakland.

RE-ROOF, \$130; 1808 Addison, Berkeley; owner, Mrs. Stock, 1808 Addison; contractor, E. Rosenquist, 1361 Santa Fe.

ALTER, \$500; 729 Arlington; owner, E. G. Chandler, 729 Arlington; contractor, Whalin Bros., 2942 23rd Ave., Oakland.

ALTER, \$250; 5473 Kales Ave., Oakland; owner, S. W. Stone, 5473 Kales Ave.; contractor, E. H. Chinnock, 3844 Brighton Ave., Oakland; owner, Mrs. M. D. Klinger, 6615 Whitney St.; contractor, W. H. Livingston, 1152 Euclid Ave., Berkeley.

ADDITION, 1-story, \$200; 750 108th Ave., Oakland; owner and builder, Frank Kutz, 9408 Granada Ave.

REPAIRS, \$25; 1710 35th Ave., Oakland; owner and builder, Mary Flittner, 1700 35th Ave.

ADDITION to garage, \$125; 1505 57th Ave., Oakland; owner and builder, N. L. McGregor, 1505 57th Ave.

SIGN, marquee, \$350; 1414 Franklin St., Oakland; owner, H. S. Sweet & H. F. Rasmussen, 1414 Franklin St.; contractor, Q. R. S. Neon Corp., 690 Potrero Ave., S. F.

ADDITION to garage, \$200; 5990 Racine St., Oakland; owner and builder, Manuel Rezendi, 5990 Racine St.

RE-ROOF, \$971; 5413 Thomas St., Oakland; owner, Albert Shaw, 5417 Thomas; contractor, W. A. Sankey, 3121 West St.

RE-ROOF, \$116; 5717 Ayala Ave., Oakland; owner, H. Scott, 5717 Ayala Ave.; contractor, W. H. Sankey, 3121 West St.

REPAIRS to roof, \$8; 4919 Telegraph Ave., Oakland; owner, Davidson, 1970 Broadway; contractor, Guy Tyler and Sons, 1502 Cedar St., Berkeley.

REPAIRS to roof, \$5; 5625 Grove St., Oakland; owner, Fidelity Mtg Sec Co., 2323 Shattuck Ave.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

REPAIRS to roof, \$13; 2810 Park Blvd., Oakland; owner, A. L. Cunningham, 2819 Park Blvd.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

REPAIRS to roof, \$7; 3080 Birdsall Ave., Oakland; owner, Veterans Welfare Board, 364 14th Street; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

REPAIRS to roof, \$10; 1120 14th St., Oakland; owner, Harner, 1120 14th St.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

RE-ROOF, \$97; 629 21st St., Oakland; owner, Miss C. Woerner, 420 Perkins St.; contractor, Jack Johnson Roof. Co., 2323 Foothill Blvd.

RE-ROOF, \$85; 3825 East 12th St., Oakland; owner, C. Flekes, 3825 East 12th St.; contractor, Jack Johnson Roof. Co., 2323 Foothill Blvd.

ADDITION, \$150; 391 62nd St., Oakland; owner and builder, H. A. Petry, 391 62nd St.

ADDITION, \$250; 5572 Lawton Ave., Oakland; owner, Samuel McLean, 5572 Lawton Ave.; contractor, Claremont Cabinet Shop, 6086 Claremont Ave.

REPAIRS, \$25; 1612-14 Fruitvale Ave., Oakland; owner and builder, Ernest C. Webster, 249 N. Western Ave., L.A.

ALTER, \$100; 3514 East 15th Street, Oakland; owner and builder, V. Mozzanti, 3514 East 15th St.

REPAIRS to store fronts, \$350; 2024-26-28 Hopkins St., Oakland; owner, C. W. Cumbers, 3519 Diamond Ave.; contractor, Mervin P. Rose, 6329 Shattuck Ave.

RE-ROOF, \$120; 1250 E 32nd Street, Oakland; owner, J. L. Kimball, premises; contractor, Donnelly Roofing Co., 1700 47th Ave.

RE-ROOF, \$48; 523 31st St., Oakland; owner, J. A. Yeatman; contractor, Elliott & Elliott, 770 22nd St.

RE-ROOF, \$163; 434 Haddon Road; owner, Mr. Shepherd; contractor, Elliott & Elliott, 770 22nd St.

RE-ROOF, \$85; 2639 22nd Ave., Oakland; owner, Carleton Marshall; contractor, Sun Roofing Co., 3044 Blossom St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

District No 1, Santa Clara County
Geo. C. Renz, Gilroy, at \$8,595 submitted only other bid. 21

BIDS WANTED

VENTURA CO., Calif.—Until Nov. 10, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing and repaving bridge across Santa Clara River at Bardale, consisting of construction of a reinforced concrete girder approach composed of four 51-ft. spans, one 47-ft. 3-inch, one 43-ft. 9 $\frac{1}{2}$ -inch and one 17-ft. span on concrete bents with pile foundations and grading and surfacing roadway approaches with plant mix surfacing, Ventura County, Calif.

Work involves—

- (1) 150 c.y. remove existing conc:
- (2) 200 M. gal. water:
- (3) 700 c.y. struc. excav :
- (4) 7200 c.y. imported borrow;
- (5) 2 tons liquid asphalt SC-2 (prime coat):
- (6) 190 tons mineral aggregate (plant mix surface):
- (7) 10 tons liquid asphalt romc 4 or 5 plant mix surface;
- (8) 118,000 lbs. bar reinforcing steel;
- (9) 137 c.y. Class A Portland cement concrete (footing blocks);
- (10) 870 c.y. Class A Portland cement concrete structures;
- (11) 8700 lbs. misc. iron and steel;
- (12) 856 lf. timber railing;
- (13) 154 lf. temporary railing;
- (14) 1350 lf. furnishing reinforced concrete piles including test piles;
- (15) 54 each drive reinforced concrete piles;
- (16) 80 c.y. Class A Portland cement slope paving and cutoff walls;
- (17) 36 c.y. Class B Portland cement concrete;
- (18) lump sum, remove detour;
- (19) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. 21

BOND ELECTION

OROVILLE, Butte Co., Calif.—The City of Oroville will vote on a proposal Nov. 15 in the amount of \$17,500 proceeds to finance construction and completion of a bridge and overpass over the Western Pacific Railroad Company right-of-way at Montgomery Street extension, including deck structure and all necessary work. 21

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : Calif ia

BIDS OPENED

SIERRA COUNTY, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at \$3,510 submitted low bid to the State Division of Highways, C. H. White-more, District Engineer, Dist. III, 703 "B" Street, Marysville, for removing and disposing of existing reinforced concrete bridge over North Fork of the North Fork of the Yuba river at Downville, Sierra County.

Work involves 390 c.y. of concrete. Total bids follow:

- E. T. Lesure, Oakland, \$9.00 per c.y., total, \$3,510.
Geo. E. France Colfax, \$10; total \$3,900.
N. M. Ball Sons, Berkeley, \$10.50, total, \$4,095.
Fred J. Early, Jr., San Francisco, \$10.90; total, \$4,251.
B. A. Howkins & Co., San Francisco, \$14.90; total, \$5,811.
L. C. Seidel, Oakland, \$15.10; total, \$5,889. 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

DUCK VALLEY PROJECT, Nev.—As previously reported until Nov. 2, 10:00 A. M. bids will be received by the U. S. Indian Irrigation Service, E. C. Fortier, Supervising Engineer, Room 424, 55 2nd Street, San Francisco, under Bid No. 26-39, for the construction of approximately 8 ml. of canal, involving the excavation and placing in embankments of approximately 90,000 c.y. materials on the Western Shoshone Reservation, Duck Valley Project, Nev.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00. A copy of the specifications is on file at the office of the Daily Pacific Builder, 465 Tenth St., S. F. 22

BIDS WANTED

RIVERTON PROJECT, Wyo.—Until Nov. 10, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Riverton, Wyoming, under Spec. No. 909, for the construction of earthwork and structures, Pilot canal, station 1570 to station 1841, Pilot canal laterals 31.0 to 34.9, and sublaterals, Pilot division, Riverton Project, Wyo.

Plans and specifications may be obtained from the above office at no charge to prospective bidders; to others \$3.00 per copy. 22

BIDS WANTED

SACRAMENTO, Calif.—Until Nov. 4, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 208 Post Office Building, Sacramento, under Bid No. 1105-39-81, for raising, strengthening and setting back the existing levee, as follows:

- (A) West levee of Feather River from Yuba City south to Shanghai Bend, approximately 17,000 feet.
- (B) Along west levee of Feather River from Starr Bend 2 miles southerly, approximately 10,500 feet.

Work involves—

- SCHEDULE A
(1) 885,000 c.y. levee embankment, in place.
(2) 14,000 M. gal. water for compaction purposes;
(3) 285 c.y. road gravel, in place;

21— BRIDGES

LOW BIDDER

RIVERSIDE CO., Calif.—C. F. Robbins, 1742 Industrial Way, Los Angeles, at \$41,876.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a bridge across Temescula Creek about 7 miles east of Temescula, consisting of reinforced concrete girder spans supported by reinforced concrete piers on precast concrete piles, Riverside County, Cal. Complete bids will be published shortly. 21

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 4, 10 A. M., bids will be received by Metropolitan Water District, L. A., for encasing the lower portions of the steel work of the existing highway bridge across the Colorado River near Topock, Ariz., incl. fabrication and installation of welded steel plate housings, application of paints, placing of asphalt filler and furnishing all necessary materials therefor. The site of the work is approx. 15 miles S.E. from Needles in San Bernardino County, Calif., and Mohave County, Ariz. Spec. 291. Certified or cashier's check, 10%, must accompany bid. 21

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—Lord & Bishop, Native Sons Building, Sacramento, at \$69,670.90 (Alternate "B"), awarded contract by the Sacramento County Board of Supervisors, Thos. F. Patterson, County Clerk, Room 201, Court House Bldg., Sacramento, for construction of a steel swing bridge and trestle approaches over Sutter Slough and grading and surfacing road leading to bridge, Sacramento County. 21

LOW BIDDER

UKIAH, Mendocino Co., Cal.—Harry Mercer, 544 Dora Ave., Ukiah, at \$4,762.64 submitted low bid to the Ukiah City Council, Fred L. Bosworth, City Clerk, City Hall, for the construction of a bridge on Bush St. across Orr Creek. 21

CONTRACT AWARDED

SANTA CLARA CO., Calif.—Dan Caputo, 401 Illinois Ave., San Jose, at \$7,433 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, County Clerk, Court House, San Jose, for the construction of two reinf. concrete bridges on Whitehurst Road in Supervisor

- (4) 80 l.f. corr. iron pipe, 24-inch diameter, No. 10 gage, with necessary 24-inch diameter No. 10 gage band couplers, in place;
- (5) 1 each gate, 24-inch diameter, Calaco #101, or equal, with 4-ft. gate frame, in place;
- (6) 224 l.f. steel pipe, 12-inch diameter, No. 7 gage, soil proofed Calco Spiveld, or equal, in pl.
- (7) 326 l.f. concrete pipe, 12-inch diameter, in place;
- (8) 20 l.f. concrete pipe, 36-inch diameter, in place;
- (9) 15 each outlet gates for concrete irrigation line, 5-inch diameter opening, Snow Mfg. Co. No. 8/2-B or equal, complete with riser and necessary connections in place. Station 109 plus 23 to 112 plus 30;
- (10) 1 each iron cut off place, 3-ft. by 4-ft. by 3/4-inch, in place;
- (11) 1 each brass cocks, 1-inch diameter, Crane No. 252, or equal, in place;
- (12) 1 each air valves, 1-inch diameter, Crispin, or equal, with necessary fitting in place;
- (13) 1 job, remove and waste 8-ft. of 12-inch diameter concrete stand pipe and approximately 25-ft. of 12-inch diameter concrete pipe line. Station 107 plus 15.
- (14) 1 job, remove and waste approximately 165 feet of 12-inch diameter steel pipe; 18-ft. of 36-inch diameter concrete stand-pipe and approx. 45 feet of 18-inch diameter concrete pipe line. Remove, clean and reinstall on new structure existing 12-inch diameter valve, and 6 ft. high 36-inch diameter concrete valve box. Sta. 109 plus 23.
- (15) 1 job, remove and waste 12-inch diameter concrete pipe line and all appurtenances including 15 outlets. Reinstall one 12-inch diameter irrigation valve. Station 109 plus 23 to 112 plus 30.

SCHEDULE B

- (1) 368,000 c.y. levee embankment, in place;
- (2) 15,000 M. gal. water for compaction purposes;
- (3) 430 c.y. road gravel, in place;
- (4) 25 c.y. Class A concrete, in pl.;
- (5) 25 c.y. Class A concrete, in pl.;
- (6) 2150 lb. reinf. steel, in place;
- (7) 70 l.f. corr. iron pipe, 24-inch diameter, No. 10 gage, with necessary 24-inch diameter No. 10 gage band couplers, in place;
- (8) 320 l.f. steel pipe, 8-inch diameter No. 7 gage, soil proofed Calco Spiveld, or equal, in pl.;
- (9) 160 l.f. steel pipe, 10-inch diameter, No. 7 gage, soil proofed Calco Spiveld, or equal, in pl.;
- (10) 4 each lateral headgates, 30-inch diameter, Calco No. 105, or equal, in place;
- (11) 3 each iron cut off plates 3-ft. by 4-ft. by 3/4-inch, in place;
- (12) 3 each brass cocks, 1-inch diameter, Crane No. 252, or equal, in place;
- (13) 3 each air valves, 1-inch diameter, Crispin, or equal, with necessary fittings, in place;
- (14) 1 job remove and waste existing 12-inch diameter pipe, 8-in. diameter steel pipe and 30-inch diameter concrete pipe spillbox. Station 529 plus 28.
- (15) 1 job remove and waste existing 7-inch diameter steel pipe, 24-inch diameter standpipe and two 30-inch diameter standpipes. Station 574 plus 20.

SCHEDULES A AND B

COMBINED

- (1) 1,253,000 c.y. levee embankment, in place;
- (2) 29,000 M. gal. water for compaction purposes;
- (3) 715 c.y. road gravel, in place;
- (4) 25 c.y. Class "A" concrete in place;
- (5) 2150 lb. reinforcing steel, in pl.;
- (6) 150 l.f. corr. iron pipe, 24-inch diameter, No. 10 gage with necessary 24-inch diameter No. 10 gage band couplers, in place;
- (7) 1 each gate, 24-inch diameter, Calco No. 101, or equal, with 4-ft. gate frame, in place;
- (8) 320 l.f. steel pipe, 8-inch diameter, No. 7 gage, soil proofed Calco Spiveld, or equal, in pl.;
- (9) 160 l.f. steel pipe, 10-inch diameter, No. 7 gage, soil proofed Calco Spiveld, or equal, in pl.;
- (10) 224 l.f. steel pipe, 12-inch diameter, No. 7 gage, soil proofed Calco Spiveld, or equal, in pl.;
- (11) 326 l.f. concrete pipe, 12-inch diameter, in place;
- (12) 20 l.f. concrete pipe, 36-inch diameter, in place;
- (13) 25 each outlet gates for concrete irrigation line, 5-inch diameter opening, Snow Mfg. Co. No. 8/2-B, or equal, complete with riser and necessary connections, in place. Sta. 109 plus 23 to 112 plus 30;
- (14) 4 each lateral headgates, 30-inch diameter, Calco No. 105, or equal, in place;
- (15) 4 each iron cut off plates, 3-ft. by 4-ft. by 3/4-inch, in place;
- (16) 4 each brass cocks, 1-inch diameter, Crane No. 252, or equal, in place;
- (17) 4 each air valves, 1-inch diameter, Crispin, or equal, with necessary fittings, in place;
- (18) 1 job remove and waste 8-ft. of 12-inch diameter concrete stand pipe and approx. 25-ft. of 12-inch diameter concrete pipe line. Station 107 plus 15;
- (19) 1 job remove and waste approx. 1 1/2 ft. of 12-inch diameter steel pipe; 18 ft. of 36-inch diameter concrete standpipe and approx. 45 ft. of 18-inch diameter concrete pipe line. Remove, clean and reinstall on new structure existing 12-inch diameter valve, and 6-ft. high 36-inch diameter concrete valve box. Station 109 plus 23;
- (20) 1 job remove and waste 12-in. concrete pipe line and all appurtenances including 15 outlets. Reinstall one 12-inch diameter irrigation valve. Station 109 plus 23 to 112 plus 30;
- (21) 1 job remove and waste existing 12-inch diameter pipe 8-in. diameter steel pipe and 30-inch diameter concrete pipe spillbox. Station 529 plus 28;
- (22) 1 job remove and waste existing concrete foundation. Station 533 plus 00;
- (23) 1 job remove and waste existing 7-inch diameter pipe, 24-in. diameter standpipe and two 30-inch diameter standpipes. Station 574 plus 20.

Plans and specifications may be obtained from the above office. • 23

24—STREET LIGHTING

BIDS OPENED

VISALIA, Tulare Co., Calif.—Newberry Electric Corp., 315 W Ninth St., Los Angeles, at \$45,351, submitted low bid to the Visalia City Council. Anne Lowell, City Clerk, for electric street lighting system for the City of Visalia.

Other bids were:
 Robinson Electric, Fresno \$47,141
 H. A. Wattson..... 47,449
 Bennett & Taylor, L. A..... 48,361
 • 24

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, Calif.—California Corrugated Culvert Company, Fifth and Parker Sts., Berkeley, at \$20,781.20 awarded contract by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. B-47,263-A for perforated galv. corr. metal culvert pipe for the Central Valley Project.

BIDS WANTED

COLUMBIA BASIN PROJECT, Wash.—Until November 1, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1132-D, for furnishing and delivering radio telephone apparatus consisting of two transmitters, two receivers, one gasoline-engine-driven alternator, and misc. equipment for use on the Columbia Basin Project, Wash. F.o.b. shipping point and/or Leavenworth, Wash. Apparatus will be installed by the Government.

Plans and specifications available from above office; no charge to prospective bidders, to others, \$0.25 not returnable. • 25

BIDS OPENED

ALAMEDA CO., Calif.—M. Skibo, 464 Van Buren St., Oakland, at \$2.49 per hour submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for rental of one 20 H. P. tractor and disc cultivator, for approximately 125 hours use in Alameda Co.

Total bids follow:
 M. Skibo, Oakland, \$2.49 per hour.
 Larry Granzotta, Walnut Creek, \$2.65.
 R. P. Easley, Antioch, \$3.50. • 25

BIDS OPENED

DENVER, Colo.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 802, for furnishing turbines, governors, and generators for Elephant Butte Power Plant, Rio Grande Project, N. M., and Green Mountain Power Plant, Colorado-Big Thompson Project, Colo.

- Bids taken on:
- (1) Turbines for Elephant Butte power plant;
 - (2) Turbines for Green Mt. power plant;
 - (3) Governors for Elephant Butte power plant;
 - (4) Governors for Green Mountain power plant;
 - (5) Generators for Elephant Butte power plant;
 - (6) Generators for Green Mountain power plant;
 - (7) Combination bids.

Bids were:
 Newport News Shipbuilding and Dry Dock Co., Newport News, Va., (1) \$128,470, wt. 434,000; (2) \$97,790, wt. 320,000; (5) 1 and 3, \$226,260; net; f.o.b. Newport News.

Allis-Chalmers Mfg Co., Milwaukee, (1) \$146,400, wt. 476,000; (2) \$108,300, wt. 330,000; f.o.b. West Allis, Wisc.; (5) \$257,300, wt. 537,000; (6) \$215,200, wt. 420,000; f.o.b. Milwaukee; net.

The Pelton Water Wheel Co., San Francisco, (1) \$150,400, wt. 528,000; (2) \$112,500, wt. 348,000; f.o.b. San Francisco; (3) \$35,918, wt. 43,500, (4)

\$23,946, wt. 29,000, f.o.b. Rockford, Ill.; (5) 1 and 3, \$259,900, f.o.b. San Francisco; net.

S. Morgan Smith Co., York, Pa., (1) \$148,600, wt. 527,550; (2) \$110,475, wt. 391,600; (3) \$35,919, wt. 43,500; (4) \$23,946, wt. 29,000; (5) 1, 3, 5 and 7, \$316,500; net; f.o.b. York.

Westinghouse Elec. & Mfg. Co., Denver, (5) \$266,590, wt. 595,000; (6) \$221,490, wt. 480,000; net; f.o.b. E. Pittsburgh.

General Elec. Co., Schenectady, N. Y., (5) \$264,177, wt. 522,600; \$218,879, wt. 444,400; net; f.o.b. Schenectady. 25

CONTRACT AWARDED

SAN FRANCISCO.—Moore Machinery Co., 1625 Van Ness Ave., S. F., at \$190 awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2087, for one Universal Iron worker for the San Francisco Water Department. * 25

BIDS OPENED

BONNEVILLE, Ore. — Following submitted bids to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-136, for furnishing 9 lighting arrestors, 115 kv. single pole units, station type for outdoor service, f.o.b. (a) railroad cars at bidder's shipping point; (b) Bonneville, Oregon.

Bids were:

General Elec. Co., Schenectady, N. Y., (b) \$7,610.40.
Graybar Elec. Co. Inc., Portland (b), \$7,610.40.

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa., (a) \$7,610.40; (b) \$7,610.40. 25

BIDS OPENED

LOS ANGELES, Calif. — Foster Sand & Gravel Co., 524 E. Commonwealth, Fullerton, at \$524 per hour, submitted low bid to State Highway Dept., L. A., for rental of 1/2 cu. yd. shovel (Eyers, 1937) for use on Ortega Highway for 40 days. Other bids were (per hour):
J. L. Donovan (Bay City, 1938), \$5.75.

Frank T. Hickey (Lorain, 1937), \$5.90.

Chas. Holmes, San Bernardino (Lorain, 1936), \$6.25.

Pacific Crane & Rigging (Universal Lorain 1936), \$8. 25

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. —Following submitted bids to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for rental of equipment, as follows:

- (1) One to four truck shovels, capacity 4/10 cu. yds.;
- (2) One or more 4 c.y. water level dump trucks;
- (3) One or more 3 c.y. water level dump trucks;
- (4) One or more 2 c.y. water level dump trucks;
- (5) One or more 1/2-ton expresses.

- (A) Loaded by power shovel or other power loading device;
- (B) Hand loading—average mileage not greater than 8 miles per hour per day.
- (C) Other than "A" and "B".

Bids were:
C. E. Huls, Merced, (1) \$3.90, moving time \$2.50; (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (3) (a) \$2.50, (b) \$2.10, (c) \$2.30; (4) (a) \$1.75, (b) \$1.50, (c) \$1.65; (5) \$1.25.

Holt and Johnson, Berkeley, (2) (a) \$3.15, (b) \$2.75, (c) \$3.00; (3) (a) \$2.75, (b) \$2.35, (c) \$2.55; (4) (a) \$2.00, (b) \$1.80, (c) \$1.90; (5) \$1.75.
Sheldon Oil Co., Suisun, (2) (a) \$2.90, (b) \$2.40, (c) \$2.65; (5) \$1.25.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until October 26, 7:30 P. M., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, 717 Tenth Street, Modesto, for automotive equipment for the Departments of Public Works and Parks, as follows:

- (1) one pickup truck not less than one-half ton capacity with closed cab;
- (2) one station wagon type surveyor's car with 4 side doors;
- (3) one dump truck not less than one and one-half ton capacity.

Plans and specifications may be obtained from the City Engineer. 25

26—RAILROADS

BIDS WANTED

SAN FRANCISCO.—Until October 28, 3 P. M., new bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 178, for construction of tracks to the Bay Bridge Terminal, San Francisco.

Work involves:

- (1) 42,000 sq. ft. removing pava.;
- (2) 1450 ft. removing plain track (single track);
- (3) 2500 c.y. excav. track trench;
- (4) 160 c.y. excav. and backfilling conduit and drain trenches;
- (5) 600 c.y. breaking and distributing concrete and brick sub-ballast;
- (6) 1550 c.y. furnishing and delivering crushed rock ballast;
- (7) 2510 ft. constructing plain track (single track);
- (8) 14.5 MFBM furnishing and deliv. special track length ties;
- (9) 600 lf. removing and replacing rails;
- (10) lump sum; installing special track layout at Market and First Sts.;
- (11) lump sum; installing special track layout at Market and Fremont Sts.;
- (12) installing double track over double track crossings;
- (13) lump sum; installing special track layouts at the Bridge Terminal Bldg.;
- (14) 90 applying thermit weld joints;
- (15) 80 furnishing and installing 300,000 C.M. joint bonds;
- (16) 15 furnishing and installing 4/0 joint bonds;
- (17) 120 furnishing and installing 4/0 rail to rail copper cross bonds;
- (18) 10 furnishing and installing 4/0 track to copper cross bonds;
- (19) 3600 ft. furnishing and installing 4/0 copper wire at special work;
- (20) 150 lf. furnishing and installing ironstone pipe drains;
- (21) 40,000 sq. ft. 2-inch asphaltic pavement on 6-inch concrete base;
- (22) 12,000 sq. ft. 1-1/2-inch asphaltic wearing surface;
- (23) 12,000 sq. ft. 3-inch asphaltic concrete base;
- (24) 3000 sq. ft. asphaltic concrete conform pavement;
- (25) 1500 sq. ft. concrete base for conform pavement;
- (26) 4700 ft. concrete stringer; single track.

Plans and specifications may be obtained from Room 605, 525 Mason Street, upon the deposit of \$10.00. 26

650 sq. yds. of special finishing of concrete surfaces;

3,000 c.y. of riprap;
350 sq. yds. of dry-rock paving;
12,000 c.y. backfill;
2,000 c.y. compacting backfill;
placing 840,500 lbs. reinf. bars;
furnish and install 379,000 lbs. of perm. steel tunnel supports;
furnish and erect 33 MFBM perm. timbering in tunnels;

installing 18,000 lbs. of metal drain and weep pipes in tunnels;
drilling 800 lf. of weep holes in tunnels;

BIDS REJECTED

SAN FRANCISCO.—The S. F. Public Utilities Commission, City Hall, rejected all bids under Contract No.

178, for construction of tracks to the Bay Bridge Terminal, San Francisco, MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at \$68,306 submitted low bid. New bids are being called for October 28, 3:00 P. M. 26

BIDS OPENED

SAN FRANCISCO.—MacDonald & Kahn Co. Ltd., 200 Financial Center Building, San Francisco, at \$68,306, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 178, for construction of tracks to the Bay Bridge Terminal, San Francisco.

Work involves:

- Total bids follow:
- (A) MacDonald & Kahn Co. Ltd., S. F., \$68,306.00.
- (B) Eaton and Smith, S. F., \$68,335.40.
- (C) Chas. L. Harney, S. F., \$76,912.75.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$.20	\$ 15	\$.10
(2) .....	.40	.66	1.00
(3) .....	.80	.75	2.00
(4)	3.00	2.92	2.00
(5)	1.35	1.23	1.00
(6)	2.70	2.55	4.25
(7) .....	.80	3.30	2.35
(8)	82.00	65.00	68.00
(9)	1.35	5.85	5.00
(10)	4,350.00	4,200.00	10,000.00
(11)	13,350.00	3,970.00	6,750.00
(12)	675.00	320.00	1,300.00
(13)	7,050.00	4,200.00	6,700.00
(14)	17.60	23.00	25.00
(15)	3.00	2.42	1.85
(16)	6.40	2.84	2.50
(17)	6.00	3.20	3.00
(18)	2.70	3.30	3.00
(19) .....	.31	.50	.70
(20)	1.35	1.16	.70
(21) .....	.25	.21	.30
(22) .....	.06	.06	.30
(23) .....	.12	.12	.34
(24) .....	.07	.18	.30
(25) .....	.20	.35	.30
(26) .....	.70	.80	.30

BIDS WANTED

CENTRAL VALLEY PROJ., Cal. —Until Nov. 14, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Supervising Engineer, Old Post Office Bldg., Sacramento, under Spec. No. 806 for construction of cutwork, tunnels, and structures, Eastern Pacific Railroad re-location, milepost 257.81 to milepost 288.725, Kennett Division, Central Valley Proj., Cal. The work is located near Delta, Calif.

The principal items of work and the estimated quantities involved are as follows:

- 10 acres clearing right of way;
- 99,400 c.y. excav. for rdwy.;
- 493,500 sta. c.y. overhaul;
- 365 M. gals. water for moistening embankment materials;
- 45 roller-hours of rolling embank.;
- 12,700 c.y. excav., for struc.;
- 35,000 c.y. do in tunnels;
- 5,500 c.y. concrete in struc.;
- 11,150 c.y. concrete in tunnels and tunnel portals;
- 650 sq. yds. of special finishing of concrete surfaces;
- 3,000 c.y. of riprap;
- 350 sq. yds. of dry-rock paving;
- 12,000 c.y. backfill;
- 2,000 c.y. compacting backfill;
- placing 840,500 lbs. reinf. bars;
- furnish and install 379,000 lbs. of perm. steel tunnel supports;
- furnish and erect 33 MFBM perm. timbering in tunnels;
- installing 18,000 lbs. of metal drain and weep pipes in tunnels;
- drilling 800 lf. of weep holes in tunnels;

laying 148 lf. 24-in. dia. corr. metal pipe;
 constructing 72 lf. 8-in. dia. perf. pipe track drains;
 constructing 700 lf. 8-in. dia. longitudinal tunnel drains;
 installing 8100 lf. of electrical conduits in tunnels;
 constructing 1 m&e of right of way fence;
 placing 6,000 lbs. of rag bolts, under bolts, anchor-bolt sleeves.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor, and those furnished by the Government are described in the specifications which will be a part of the contract.

Copies of the standard forms and of the specifications may be obtained from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C. No charge to bona fide prospective bidders; \$2.50 per set to others. 26

27—WPA PURCHASES, RENTALS

October 20, 1938

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6205: E. Skibo: \$119.50; net; and \$124.50; rental two 2-cy. trucks.

BID No. 6230: Monolith Portland Cement: \$360; \$2.40; net; Portland cement.

BID No. 6234: W. C. Hauck: \$589.60; net; reinf. steel.

BID No. 6223: Piedmont Mill and Lumber: \$306.79; 2½-20; lumber. BID No. 6209: Tom Neely: \$375; 15%-20; 10%-30; \$1.25; sand and gravel. 27

October 17, 1938

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6191: King L. C.: \$1676.61; net; lumber.

BID No. 6192: White Bros.: \$3780.96; 2½ 30; maple.

BID No. 6193: Hogan L. C.: \$418.60; 2½ 30; lumber.

BID No. 6224: Gross Co.: \$30; 2½ 30; asph. roofing.

BID No. 6210: Henry Cowell: \$0.645; \$928; net; Portland cement. 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by the United States Treasury Dept., 49 4th St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6187: Jourdan Conc. Pipe Co.: \$2.10; \$1260; conc. pipe; net.

BID No. 6190: Chas. S. Hughes: \$0.675; \$432; 2¼c 30; Portland cement.

BID No. 6186: Calif. Wire Cloth Corp: \$623; net; chain link fence.

BID No. 6182: Hutchinson Co.: \$316; net; crushed rock.

BID No. 6181: Hayward Bldg. Mat.: \$1.10; \$825; 1% 20; macadam surf.

BID No. 6180: Pacific Paint & Varnish: \$287.70; 1% 30; paint supplies.

BID No. 6179: Hayward Bldg. Supply: \$216; \$0.045; net; liq. asph.

BID No. 6178: Van Arsdale-Harris: \$554; 2% 30; lumber.

BID No. 6170: Calif. Corru. Culvert: \$447.70; ¼ of 1% 20; \$1.21; culvert pipe.

BID No. 6169: Healdsburg Concrete Pipe Co.: \$1.35; \$405; 3% 20; 2% 30; sewer pipe.

BID No. 6156: Fresno Planning Mill: \$372; net; screen doors.

BID No. 6155: Bethlehem Steel: \$1.601.91; net; reinf. steel. 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6215: Thode and Sons: \$0.725; \$362.50; net; Portland cement.

BID No. 6211: Gladding McBean: \$1715.98; 2% 30; clay sewer pipe.

BID No. 6217: Albert C. Moe: \$0.675; \$432; 2½ 30; Portland cement.

BID No. 6221: Geo. C. Jacobs: \$2.87; \$358.75; 10c bbl.-30; Portland cement.

BID No. 6216: Crescent Elec.: \$619.46; 5% 20; steel conduit.

BID No. 6225: Std. Oil Co.: \$19.15; net; roofing asphalt.

BID No. 6201: King L. C.: \$714.10; net; cement, rock and sand.

BID No. 6189: Loop L. C.: \$732.51; 2% 30; lumber.

BID No. 6166: Stockton L. C.: \$247.94; (alt; two weeks del.); net; lumber.

BID No. 6161: Ted Smith: \$100; net; P. Sutsos: \$120; 10%-20; 1½-ton truck (two). 27

29—STREETS AND HIGHWAYS

CORRECTION—BIOS WANTED

ORANGE COUNTY, Calif.—Until November 10, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete and constructing bank protection work between Sulphur Slide and the Riverside County Line, Orange County.

- Work Involves:
- (1) 1200 M. gals. water;
 - (2) 25 c.v. remove concrete;
 - (3) 90 000 c.y. rdwy. excav., unclass. (alt);
 - (4) 5,000 c.y. ditch and channel excavation;
 - (5) 5,000 c.y. structure excav.;
 - (6) 2,500 c.y. preparing subgrade;
 - (7) 60 sta. yds. finishing rdwy.;
 - (8) 3 tons liq. asphalt SC-2 (prime coat);
 - (9) 330 tons of mineral aggregates (plant mix surfacing);
 - (10) 15 tons liquid asph. SC-2 (plant mix surfacing);
 - (11) 500 c.y. Class A Portland cement concrete pavement;
 - (12) 1,000 each pavement dowels;
 - (13) 13,000 lbs. bar reinf. steel;
 - (14) 1,330 lbs. mesh reinforcement;
 - (15) 110 c.y. of Clas A Portland cement concrete (struc.);
 - (16) 240 c.y. do (slope pavement);
 - (17) 500 lf. cutoff wall steel sheet piling;
 - (18) 3300 tons heavy riprap;
 - (19) 60 lf. 8-in. CMP;
 - (20) 300 lf. 24-inch CMP;
 - (21) 130 lf. 30-inch CMP;
 - (22) 110 lf. 36-inch CMP;
 - (23) 24 lf. 42-inch CMP;
 - (24) 2 each spillway assemblies;
 - (25) 15 each culvert markers;
 - (26) 52 each rod anchor cutoff wall;
 - (27) 270 each cable anchor protection fence;
 - (28) 2150 lf. double rail wire protec-

tion fence;
 29) 2500 lf. triple rail wire protection fence;
 (30) 175 lf. rail and wire groynes.
 Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento.
 Item 8 previously omitted. 29

BIDS OPENED

SAN FRANCISCO.—West Const. Co., 1129 Irving St., at \$660.00 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19.191, for removal of slide on State St. between Castro and Levan St. Est. cost, \$990.

Total bids follow:

West Construction Co.	\$660.00
Eaton and Smith	946.00
Charles L. Harney	955.00

CONTRACT AWARDED

FRESNO CO., Calif.—Hemstreet & Bell, 501 11th Street, Marysville, at \$305,541.10 awarded contract by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for grading 4.713 mi., Section B of the Fresno-General Grant Park Approach Road, Sequoia National Forest, Fresno Co., Calif. 29

CONTRACT AWARDED

IMPERIAL CO., Calif.—G. W. Ellis, 8240 Lankershim Blvd., North Hollywood, at \$9,185 awarded contract by the State Highway Dept., Sacramento, for highway construction in Imperial Co., City of El Centro, E. Main St., State Highway Route 27 from So. Pacific R.R. to east city limits (X1-Imp-27-E.C.) and 5th and 6th Sts. from State to Orange Sts., about 1.3 mi. to be resurf. with plant-mixed surf. 29

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Geo. J. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, at \$122,205.00, awarded contract by the State Division of Highways, Sacramento, for about 2.7 miles of grading, placing heavy riprap and constructing Portland cement concrete slope paving between Frenchman's Flat and Liebre Gulch (VII-LA-4-1), Los Angeles County. 29

BIDS OPENED

SAN FRANCISCO.—West Const. Co., 1129 Irving St., at \$1455, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19.190, for removing sand from 40th Avenue bet. Kirkham and Noriega, from Kirkham between 39th and 40th Avenues, and from Lawton between 39th and 41st Aves. Est. cost, \$2,000.

Total bids follow:

West Construction Co.	\$1,455.00
Charles L. Harney	1,650.00
Piombo Brothers	1,690.00
Rosenberg Bros. Grading Co.	2,275.00
Eaton and Smith	2,475.00

CONTRACT AWARDED

GLENN CO., Calif.—N. M. Ball Sons, 852 Carmel Street, Albany, at \$5,795.50 awarded contract by the State Division of Highways, Sacramento, for construction of a reinforced concrete box culvert and replacing existing pavement with untreated crushed gravel or stone base and plant mix surfacing about 3.5 miles north of Willow, Glenn Co., Calif. 29

CONTRACT AWARDED

KERN COUNTY, Cal.—Rexroth & Rexroth, 2110 C. Station A, Bakersfield, at \$34,813 awarded contract oy

Earl Lee Kelly, State Director of Public Works, for grading and treating with liquid asphalt about 16.8 miles bet. Weed Patch and Wheeler Ridge, Kern County.

Complete bids published Oct. 10. 29

CONTRACT AWARDED

SONOMA COUNTY, Calif.—Parrish Bros., Eldridge, at \$47,480 was awarded contract by Earl Lee Kelly State Director of Public Works, Sacramento, for about 0.8 mile of grading, applying road-mix surface treatment and installing culverts between Boiler Gulch and Miller Creek, Sonoma County.

Complete bids published Oct. 12. 29

BIDS WANTED

HAMILTON FIELD, Marin Co., Cal.—Until November 14, 10:00 A. M., bids will be received by the Constructing Quartermaster, Major F. D. Jones, Q.M.C., Fort Mason, San Francisco, under Bid No. W-6616-39-30, for construction of runways and drainage at Hamilton Field, Cal.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 29

CONTRACT AWARDED

SAN FRANCISCO.—Lee J. Immel, 105 Evelyn St., Berkeley, at \$12,332.25 awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2085, for furnishing, delivering and spreading approx. 190,000 gals of emulsified asphalt on Lake Merced Blvd.; PWA project. 29

BIDS WANTED

KINGS CO., Wash.—Until October 28, 10:00 A. M. bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for approximately 0.655 miles partial grading, 0.570 miles grading, 0.979 miles clearing and 0.853 miles advance clearing on the Stevens Pass Highway, Grading and Advance Clearing Project 8-C1-, D. National Forest Road Project, located within Snoqualmie National Forest, King County, Wash.

Work involves:

- (1) 35 acres clearing;
- (2) 14 acres grubbing;
- (3) 123,450 cu. yd. unclass. excav.;
- (4) 110,000 sta. yds. special overhaul;
- (5) 1,150 lf. culverts (alternate).

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 29

BIDS WANTED

GLENN CO., Calif.—Until November 17, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for placing a bituminous treatment on 15.5 miles, Section B, Route 7, Mendocino Experimental National Forest Highway, Mendocino National Forest, Glenn Co., Calif.

Work involves:

- (1) 500 M. gals. watering;
- (2) Lump sum, water plant or plants for projects;
- (3) 15.5 miles preparation existing surface;
- (4) 335 tons slow curing asphalt (Type SC-2 and SC-1A);
- (5) Force account, sand treated surface.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 29

BIDS WANTED

WHIPPLE, Yavapai Co., Arizona.—Until November 15, 1:30 P. M. bids

will be received by the Veterans Administration, Room 764, Arlington Building, Washington, D. C., under Project No. 1566, for construction and finishing complete entrance road at Veterans Administration Facility, Whipple, Arizona.

Plans and specifications may be obtained from the above office or from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, California, no deposit. 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., Babcock Bldg., San Francisco, at \$767.88 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the improvement of Dan Street, San Jose.

A. J. Raisch, San Francisco, at \$824 submitted only other bid. 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny Street, San Francisco, at \$2,741.14 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for the improvement of Johanson St., San Jose.

Union Paving Co., San Francisco, at \$3,718.55 submitted only other bid. 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny Street, San Francisco, at \$467.80 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for the improvement of the intersection of Shasta Avenue, San Jose.

Union Paving Co., San Francisco, at \$485.01 submitted only other bid. 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raisch, 46 Kearny St., S. F., at \$1,312 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for the improvement of Fourth Street, in the City of San Jose.

Union Paving Co., S. F., at \$1,382 submitted only other bid. 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raisch, 46 Kearny St., S. F., at \$1,278.85 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the improvement of Negley Street in the City of San Jose.

Union Paving Co., S. F., at \$1,569.85 submitted only other bid. 29

BIDS REJECTED

SAN MATEO, San Mateo Co., Cal.—The San Mateo City Council, Belmont Rhodes, City Clerk, City Hall, rejected all bids for the improvement of El Camino Real, San Mateo. Bids were opened October 17. 29

BIDS OPENED

IMPERIAL CO., Calif.—G. W. Ellis, 8240 Lankershim Blvd., North Hollywood, at \$9,185, submitted low bid to State Highway Dept., San Diego, for highway construction in Imperial Co., City of El Centro, E. Main St., State Highway Route 27 from So. Pacific R.R. to east city limits (XI-Imp-27-ECN) and 5th and 6th Sts. from State to Orange Sts., about 1.3 ml. to be resurf. with plant-mixed surf. The work involves:

- (1) 2725 tons mineral aggreg (plant

- mixed surf.);
- (2) 140 tons liq. asph. MC-5 or MC-6 extra heavy (plant-mixed surf.);
- (3) 14 tons asphaltic emulsion.

The complete bids were:
G. W. Ellis, (1) \$2.60; (2) \$12; (3) \$30; total \$9,185.00.

R. E. Hazard & Sons, (1) \$2.75; (2) \$12.50; (3) \$20; total \$9,523.75.
V. R. Dennis, (1) \$7.50; (2) \$15; (3) \$26; total \$22,901.50. 29

BIDS WANTED

KERN CO., Calif.—Until Nov. 9, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 7.6 miles grading, road-mix surfacing treatment and applying Class A seal coat between 4 miles and 12 miles east of Mohave, Kern County, Calif.

Work involves:

- (1) lump sum, clearing and grubbing;
- (2) 43,900 c.y. roadway excavation unclass.;
- (3) 440 cu. yd. struc. excav.;
- (4) 2600 cu. yd. ditch and channel excavation;
- (5) 30,000 sta. yd. overhaul;
- (6) 4,000 cu. yd. imported surface material;
- (7) 400 sta. finishing roadway;
- (8) 102 tons liquid asphalt SC-2 prime coat and penetration oil treatment;
- (9) 930 tons liquid asphalt RC 2, 3, or 4 road mix surface treatment;
- (10) 97,650 sq. yds. prepare, mix and shape road bed;
- (11) 100 tons liquid asphalt RC 2, 3 or 4 seal coat;
- (12) 1225 tons screenings (seal coat);
- (13) 40 lf. 18-inch CMP;
- (14) 1032 lf. 24-inch CMP;
- (15) 10 each guide post;
- (16) 38 each culvert markers;
- (17) 56 each monuments.

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

WHITE PINE CO., Nev.—Until November 3, 1:45 P. M. bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for approximately 0.85 miles construction of the State Highway in East Ely, Route 2, Section D3, including the construction of a concrete and steel overpass, White Pine County, Nev.

Work involves:

- (1) 8,000 cu. yd. roadway excav.;
- (2) 126,834 cu. yd. borrow;
- (3) 45 sta. slope rounding;
- (4) 656,742 yd. sta. overhaul;
- (5) 81,642 yd. mile overhaul;
- (6) 440 cu. yd. structure excav.;
- (7) 470 cu. yd. backfill;
- (8) 1,114 M. gal. water;
- (9) 209 cu. yd. class "A" concrete;
- (10) 2 cu. yd. class "B" concrete;
- (11) 195 cu. yd. class "D" concrete;
- (12) 46,500 lbs. reinf. steel;
- (13) 223,800 lbs. structural steel;
- (14) 800 lf. treated timber pile;
- (15) 22 each drive timber pile;
- (16) 52 lf. 18-inch CMP;
- (17) 8 each monuments;
- (18) 349 lf. structural steel railing;
- (19) 1030 sq. ft. blast plate;
- (20) 285 cu. ft. sidewalk filler;

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nev., upon the deposit of \$10.00, \$5.00 of which will be refunded. 29

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Calif.—W. O. Tyson, Box 888, Redwood City, submitted low bid and

was awarded contract by the Redwood City City Council, B. E. Myers, City Clerk, City Hall, Redwood City, for grading and paving with a waterbound macadam base and a bituminous macadam wearing surface a distance of 526 feet on Valota Rd., extending from the southeast line of Lot 45, Reese Subdivision to the southeast line of Redwood Avenue, Redwood City. • 29

BIDS WANTED

LOS ANGELES CO., Calif.—Until Nov. 10, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.5 miles grading, paving with Portland cement concrete and constructing bank protection at Big Cayuga Wash, Los Angeles Co., Calif.

- (1) 250 M. gal. water;
- (2) 1400 c.y. roadway excavation unclassified;
- (3) 9000 c.y. borrow;
- (4) 400 sq. yd. preparing subgrade;
- (5) 27 sta. finishing roadway;
- (6) 4 tons liquid asphalt SC-2 (prime coat);
- (7) 560 tons mineral aggregate (plant mix surfacing);
- (8) 30 tons liquid asphalt SC-4 plant mix surfacing;
- (9) 80 c.y. Class A Portland cement concrete (pavement);
- (10) 180 each pavement dowels;
- (11) 300 lbs. bar reinforcing steel;
- (12) 3500 lbs. mesh reinforcements;
- (13) 800 c.y. Class A Portland cement concrete slope pavement and cutoff wall;
- (14) 32,000 sq. ft. wire and rock mattress.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento • 29

BIDS WANTED

SANTA CRUZ COUNTY, Calif.—Until November 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 8.2 miles grading and applying road-mix surface treatment between one-half mile south of Davenport and Waddell Creek, Santa Cruz County.

- Work involves:
- (1) lump sum, clearing and grubbing
 - (2) 415 c.y. remove concrete;
 - (3) 6,000 M. gals. water;
 - (4) 507,200 c.y. rdwy. excav., unclass.
 - (5) 4,500 c.y. ditch and channel excavation;
 - (6) 4,650,000 sta. yds. overhaul;
 - (7) 5,550 c.y. struc. excav.;
 - (8) 432 sta. finish roadway;
 - (9) 9,500 c.y. imported surf. material.
- (10) 191,000 c.y. prepare, mix and place roadway bed;
 - (11) 135 tons liquid asphalt SC-1A (prime coat);
 - (12) 1610 tons liquid asph. ROMC-3;
 - (13) 115 tons liquid asph. 90-95 (seal coat);
 - (14) 1360 tons screening (seal coat);
 - (15) 154,200 lbs. bar reinf. steel;
 - (16) 210 lbs. misc. steel;
 - (17) 345 lbs. bronze extension plates;
 - (18) 916 c.y. Class A Portland cement concrete structures;
 - (19) 96 c.y. do, footing blocks;
 - (20) 12 c.y. do, concrete railing;
 - (21) 1376 lf. furmy bed;
 - (22) 50 each driving do;
 - (23) 4500 c.y. heavy riprap;
 - (24) 15 c.y. light riprap;
 - (25) 900 lf. 8-inch CMP;
 - (26) 76 lf. 12-inch CMP;
 - (27) 160 lf. 12-inch CMP (siphon);
 - (28) 2850 lf. 18-inch CMP;
 - (29) 1100 lf. 24-inch CMP;

- (30) 930 lf. 30-inch CMP (12 gauge)
- (31) 4300 lf. 8-inch perforated metal pipe underdrain;
- (32) 770 c.y. rock filling material;
- (33) 51 each spillway assemblies;
- (34) 230 each guide posts;
- (35) 120 each culvert markers;
- (36) 3.4 miles new property fence, Type A;
- (37) 6.4 miles do, Type B;
- (38) 10 each drive gates;
- (39) 170 each monuments;
- (40) lump sum, misc. bridge items of work.

Plans and specifications may be obtained from the above office. • 29

BIDS WANTED

STATE OF WASHINGTON.—Until November 1, 10:00 A. M. bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for highway construction, as follows:

Yakima County: Clearing, grading, draining, surfacing, manufacturing mineral aggregate (oil rock) and constructing treated pile and timber trestles on about 8.2 miles of Secondary State Highway No. 3-B, Toppenish Creek to End of Pavement, U. S. Public Works Project No. Wash. 1559-F (Unit 2), in Yakima County, Washington, involving about 172,845 cubic yards of excavation, 44,640 cubic yards of selected roadway borrow, 30,680 cubic yards of crushed stone surfacing, 4,000 cubic yards of mineral aggregates (oil rock), 145 cubic yards of concrete, 3,640 pounds of steel reinforcing bars, 97 M. B. M. of treated and 5 M. B. M. untreated timber and lumber, 3,000 linear feet of treated timber piling, 2,621 linear feet of pipe culverts and other items.

Clark County: Clearing, grading, draining of about 4.5 miles of Primary State Highway No. 1, Pioneer to East Fork of Lewis River, Federal Aid Project No. 90-B (1) (Unit 1), in Clark County, Washington, involving about 24 acres of clearing, 305,750 cubic yards of excavation, 1,070 cubic yards of crushed stone surfacing, 366 cubic yards of concrete, 45,640 pounds of steel reinforcing bars, 3,629 linear feet of pipe culverts and other items.

Clark County: Clearing, grading, draining, and constructing a reinforced concrete and steel bridge on about 0.7 miles of Primary State Highway No. 1, East Fork of Lewis River Bridge and Approaches, Federal Aid Project No. 90-B (1) (Unit 2), in Clark County, Washington, involving about 12 acres of clearing, 104,360 cubic yards of excavation, 350 cubic yards of crushed stone surfacing, 2,581 cubic yards of concrete, 358,300 pounds of steel reinforcing bars, 358,000 pounds of cast iron and 370,000 pounds of silicon structural steel, 8,150 pounds of cast steel, 12,880 linear feet of untreated timber piling, 498 linear feet of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00. • 29

30—RESERVOIRS & DAMS

BIDS OPENED

SACRAMENTO, Calif.—H. L. Parker and Harms Bros., Sacramento, at \$18,960 submitted low bid to the U. S. Engineer office, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-29-80, for setting back, raising and strengthening approximately 2,400 lf. of the existing levee along the East Levee of the Feather River approxi-

mately 8800 feet above the mouth of Bear River.

Work involves:
 (1) 165,000 c.y. levee embankment, in place;

- (2) 4,000 M. gals. water for compaction purposes.

Complete bids follow:
 H. L. Parker and Harms Bros., Sacramento, (1) \$0.104, (2) \$0.45, total, \$18,960.

A. Teichert & Son Inc., Sacramento, (1) \$0.136, (2) \$0.50, total \$24,440.
 Hemstreet and Bell, Marysville, (1) \$0.16, (2) \$0.50, total \$28,400. • 30

COMPLETE BIDS

COLORADO PROJECT.—Warner Construction Co., Chicago, at \$4,226,206.20 submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. No. 797, for construction of the Green Mountain Dam and Power Plant, Colorado-Big Thompson Project, Colo.

Complete total bids follow:
 Warner Construction Co., Chicago, \$4,226,206.20.

The Utah Const. Co., Ogden, Utah, and Winston Bros., Minneapolis, \$4,258,851.00.

United Const. Co., Winona, Minn., \$4,727,022.13.

W. E. Callahan Co., Dallas, Texas, and J. P. Shirley, Los Angeles, \$4,828,227.00.

W. S. Broderick, Denver, and Peter Kiewit Sons Co., Omaha, Neb., \$5,570,287.00.

Complete unit bids are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. • 30

31—PIPE LINES & WELLS

BIDS WANTED

SAN FRANCISCO.—Until Nov. 2, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19,187, for alteration of the pipeline in Vallejo Street between Battery and Sansome Sts. of the auxiliary water supply system for fire protection. Estimated cost, \$3,300.

Work involves:
 (1) 8 tons 10-in. Class "H" double spigot, lugged cast iron pipe (pipe to be furnished by the contractor);

- (2) 68 lf. 10-in. do, plain cast iron pipe;
- (3) 144 lf. 10-in. do, lugged cast iron pipe;
- (4) 20 lf. 8-in. Class "H" bell and spigot, lugged cast iron pipe;

NOTE: Items 2, 3, and 4, cast iron pipe and part of special castings will be furnished by the city. Such special castings as the city does not have in stock shall be furnished by the contractor.

- (5) 1 each 8-in. gate valve and valve box reset, in place;
- (6) 1 each standard h.p. hydrant reset, in place;

NOTE: Items 5 and 6, valve, valve box castings, and hydrant disconnected, cleaned and reset in new locations.

- (7) 1600 lbs. pig lead, furnished and delivered;
- (8) 1400 lbs. cast steel special castings, furnished and delivered;
- (9) 1250 lbs. cast iron special castings, furnished and delivered;
- (10) 2000 lbs. wrought iron bolts, nuts, washers and tie rods, furnished and placed;
- (11) 20 lbs. reinforcing steel furnished and placed;
- (12) 3 c.y. Class B concrete in place;
- (13) 157 c.y. excavation and backfilling;
- (14) 116 sq. ft. asph. concrete pave-

- ment (2-in., 6-in., Class F conc.)
- (15) 469 sq. ft. basalt blocks on 5-inch sand base;
- (16) 16 sq. ft. concrete sidewalk, 2-course;
- (17) 1 c.y. crushed rock, furnished and placed;

NOTE: Items 7 and 17 inclusive, all materials shall be furnished by contractor.

- (18) lump sum, disconnecting, cleaning, painting, hauling and storing, present pipe line materials.

NOTE: Cost of excavation, backfilling, and paving involved in this item shall be included in the unit prices bid under Bid Items 13, 14, 15, 16.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00. 31

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Building, San Francisco, at \$2,354.75 submitted low bid to the San Francisco Public Utilities Commission, Room 278, City Hall, under Spec. No. W. D. 191, for laying of 6-inch and 8-inch cast iron mains in 24th Avenue and Bayshore Blvd., San Francisco.

Work involves:

- (1) 1110 lf. excavation and backfill for 6-inch and 8-inch pipe, trench 17-in. wide by 36-inch deep;
- (2) 15 c.y. additional excavation and backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 660 lf. 6-inch bolted joint cast iron pipe;
 - (b) 450 lf. 8-inch bell and spigot cast iron pipe;
- (5) Installing 1300 lbs. fittings, gate valves, etc.
- (6) 75 lf. bell and spigot joints for pipe and fittings;
- (6a) 110 bolted joints for 6-inch cast iron pipe;
- (7) Repavement: 486 sq. ft. of street pavement.
- (8) 40 ½-inch screw taps installed;
- (9) 850 lf. ¾-inch galv. iron service pipe installed;
- (10) Furnishing cast iron pipe — Class 150:
 - (a) 600 lf. 6-inch bolted joint pipe at \$0.74 per lf.
 - (b) 450 lf. 8-inch bell and spigot cast iron pipe at \$1.00 per ln. ft.

- (11) Furnishing bell end gate valves:
 - (a) one 6-inch valve at \$17.00;
 - (b) one 8-inch valve at \$20.50;
 - (c) one 4-inch valve at \$12.00;
- (12) Furnishing bell and spigot cast iron fittings; 1200 lbs. at \$0.06 per lb;
- (13) Furnishing steel band and bolts; 100 lbs. at \$0.05 per lb;
- (14) Furnishing ¾-inch galv. service pipe; 850 lf. \$0.06 per lf.;
- (15) lump sum, furnishing ¾-inch fittings for services at \$86;
- (16) lump sum, engineering and supervision at \$109;
- (17) lump sum, connections at \$153-50.

Total bids follow:

- (A) E. J. Treacy, San Francisco, \$2,354.75.
- (B) San Francisco Water Department, \$2,444.21.
- (C) Fay Improvement Co., San Francisco, \$2,653.45.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$.34	\$.41	\$.58
(2) .....	.50	.50	.50
(3) .....	.07	.06	.12
(4a) .....	.07	.06	.12
(4b) .....	.07	.07	.13
(5) .....	.03	.03	.03

(6) .....	.35	.35	.38
(6a) .....	.38	.30	.30
(7) .....	.20	.26	.20
(8)	1.00	5.00	1.00
(9) .....	.20	.25	.20
(10a) .....	.74	.74	.74
(10b)	1.00	1.00	1.00
(11a)	17.00	17.00	17.00
(11b)	20.50	20.50	20.50
(11c)	12.00	12.00	12.00
(12) .....	.06	.06	.06
(13) .....	.05	.05	.05
(14) .....	.06	.06	.06
(15)	86.00	86.00	86.00
(16)	109.00	109.00	109.00
(17)	153.50	153.50	153.50

BIDS WANTED

SAN DIEGO, Calif.—Until Nov. 1, 11:00 A. A. bids will be received by the Public Works Officer, Eleventh Naval District, foot of Broadway, San Diego, under Spec. 9017, for extension of steam distributing system at the Naval Operating Base (Marine Corps Base), San Diego, Cal.

Work will include in general: (a) reinforced concrete tunnels, of combined lengths of approximately 1,400 feet; (b) steam and return piping and fittings and misc. piping and work in tunnels; and (c) misc. piping and electrical changes as requires for the completion of the work.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00, payable to the Chief of the Bureau of Yards and Docks. 31

CONTRACT AWARDED

LOS ANGELES, Cal.—EmSCO Derrick & Equipment Co., 6811 S. Alameda St., Los Angeles, at \$1,091,735.38 was awarded the contract by Metropolitan Water District, Los Angeles for constructing 13.5 miles of 51-inch welded steel pipe with gunite exterior lining. Sche. 245C, 6.7 miles, at \$549,628 and Sched. 255C, 6.8 miles, at \$542,107.38, known as the Palos Verdes feeder, extending from 9th and Wadsworth Sts., to the site of the proposed Palos Verdes reservoir; Spec. No. 283. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., San Francisco, at \$2,676 submitted low bid to the Department of Public Works, Room 251 City Hall, for construction of sewers and appurtenances in Somerset St. between San Bruno Avenue and northern termination of Somerset.

Work involves:

- (1) 453 lf. 12-inch VP sewer;
- (2) 17 each 12½-inch vit. Y's;
- (3) 179 lf. 8-inch VP sewer;
- (4) 14 each 8x6-inch vit. Y's;
- (5) 10 each brick manholes.

Total bids follow:

- Eaton & Smith, (1) \$2.00; (2) \$2.50; (3) \$2.00; (4) \$2.00; (5) \$75.00; total, \$2,676.

- E. J. Treacy, (1) \$1.60; (2) \$2.50; (3) \$2.85; (4) \$2.00; (5) \$85.00; total, \$3,024.04.

- Chas. L. Harney, (1) \$3.50; (2) \$2; (3) \$2.70; (4) \$2.00; (5) \$1.40; total, \$4,340.80. 32

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 9, 10:00 A. M., (date postponed from Nov. 2) bids will be received by L. A. Bd. of Public Wks. for construction of sanitary sewer in Vantage Ave. between Cantura St. and Laurel Terrace Drive, under the 1911 Act. The work involves:

- (1) lump sum, sanitary sewer (12,342

- cu. yds. excav., 10,754 ft. 8-in. vit. clay pipe, incl. 424 8x6-inch wyes, 6366 ft. same, extra strength, incl. 113 8x6-in. wyes and 10 flush tanks, 18 manholes, 1 lamphole, 28 manhole frame and cover sets);
- (2) 8608 lf. house conn. sewers;
- (3) 53,374 sq. ft. class A surfurf;
- (4) 149 sq. ft. class. D surfurf.;

Est. cost, \$40,676. 32

CONTRACTS AWARDED

LAKEPORT, Lake Co., Cal.—Manuel Smith, 588 22nd St., Oakland, at \$8,686.25 (Unit 1) and N. R. Nicolson, Route 1, Sausalito, at \$31,883 (Unit 2, deducting alternate) awarded contracts by the Lakeport City Council, D. W. Dillard, City Clerk, City Hall, Lakeport, for construction of Project Unit No. 1 and Project Unit No. Project at Lakeport; PWA projects. 2, of a Municipal Sewage Disposal 32

BIDS OPENED

LAKEPORT, Lake Co., Cal.—Manuel Smith, 588 22nd St., Oakland, at \$8,686.25 (Unit No. 1) and N. R. Nicolson, Route 1, Sausalito, at \$35,483 (Unit No. 2) submitted low bids to the Lakeport City Council, D. W. Dillard, City Clerk, City Hall, Lakeport, for construction of Project Unit No. 1, and Project Unit No. 2 of a Municipal Sewage Disposal Project at Lakeport; PWA projects.

Work involves:

UNIT NO. 1—Vitrified clay pipe with manholes and bell and spigot cast iron pipe.

UNIT NO. 2—Sewage pump and treatment works, sludge digestion type with rapid biologic filtration.

Total bids follow:

- UNIT NO. 1
- Manuel Smith, Oakland.....\$8,686.25
- H. Corner, Redwood City.....9,272.50
- Underground Const. Co., Oakland.....9,690.00
- A. A. Tieslau, Berkeley.....9,723.75
- E. J. Treacy, S. F.....9,771.00
- Christie Contr. Co., S. F.....12,292.75

UNIT NO. 2

- N. R. Nicolson, Sausalito.....\$35,483.00
- Fred J. Early, Jr., S. F.....35,877.00
- Underground Const. Co., Oakland.....42,995.00
- A. A. Tieslau, Berkeley.....46,735.00
- Harry N. Jenks, 345 Madrone Ave., Palo Alto, Consulting Engineer. 32

BIDS OPENED

SANTA PAULA, Cal.—H. A. Teget, 133 Princeton St., Ontario, at \$86,553 submitted the low bid to the Santa Paula city council for construction of a trickling filter type sewage disposal plant, in accordance with plans and specifications prepared by Harry N. Jenks, Palo Alto Consulting Engr.; S. Gerald Bennett, city engineer.

The city council recommended the contract be awarded the low bidder. The bids were taken as follows:

- (1) lump sum bid for work complete
- (2) omission of struc. pipe work, equip. for sludge tank digester;
- (3) omission of sludge drying beds;
- (4) omission of finish grading, roadway, and fence. The bids were: H. A. Teget: (1) \$86,858; (2) \$8,000 (3) \$2435; (4) \$4135.

- Contracting Engrs. Co.: (1) \$91,500; (2) \$6000; (3) \$1600; (4) \$3000.
- Fred J. Early, Jr.: (1) \$90,846; (2) \$6300; (3) \$2600; (4) \$3650.
- Pacific Coast Elevator Co.: (1) \$92,404; (2) \$5736; (3) \$2189; (4) \$5,285.

Bids referred to PWA for approval. 32

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 2, 10 A. M., bids will be received by L. A. Bd. of Public Wks. for construction of sanitary sewer in Vantage Ave., between Cantura St. and Laurel Terrace Drive, under the 1911 Act. The work involves:

- (1) Lump sum, sanitary sewer (2,342 cu. yds. excav., 10,754 ft. 8-in. vit. clay pipe, incl. 424 8x6-inch wyes, 666 ft. same, extra strength, incl. 113 8x6-in. wyes and 10 flush tanks, 18 manholes, 1 lamphole, 23 manhole frame and cover sets);
 - (2) 6608 l.f. house conn. sewers;
 - (3) 53,374 sq. ft. class A resurf.;
 - (4) 149 sq. ft. class D resurf.;
- Est. cost, \$40,676. 32

33— WATER WORKS

BIDS WANTED

CAMARILLO, Ventura Co., Calif.—Until Nov. 9, 2:00 P. M., bids will be received by the State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Streets, Sacramento, for the completion of Flood Damage repair, Calleguas Creek, Camarillo State Hospital, consisting of repairs to the banks of Calleguas Creek, the nicing of bank protection and construction of embankments.

- Work involves:
- (1) 11,100 c.y. earth embankments, in place;
 - (2) 5,900 c.y. rock riprap in place.
- Plans and specifications may be obtained from the above office upon the deposit of \$25. 33

BIDS WANTED

PIERCE CO., Wash.—Until Nov. 1, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for approximately 0.094 miles constructing or improving tunnel lining, paving and portals, tunnel at Station 610 plus 00, Mt. Rainier National Forest, East Side Highway Project 5-D Tunnel Lining, Paving and Portals, National Park Road Project, located within the Mt. Rainier National Park, Pierce Co., Wash.

- Work involves:
- (1) All read. extra and misc. force account work;
 - (2) 13,310 c.y. unclass. excav.;
 - (3) 2,500 c.y. miles special overhaul;
 - (4) 1,400 sq. yds. concrete pavement;
 - (5) 1,550 c.y. class D concrete;
 - (6) 80,000 lbs. reinforcing steel;
 - (7) 250 c.y. class A cement stone masonry (walls);
 - (8) 650 sq. ft. class A cement stone masonry (ring stones);
 - (9) 1,000 l.f. 8-inch vit. clay pipe;
 - (10) 600 c.y. handlabr rock embankment;
 - (11) 700 c.y. rock ballast;
 - (12) 1,400 c.y. rock backfill;
 - (13) 100 c.y. landscape rock.
- Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 35

BIDS REJECTED

VENTURA CO., Calif.—The Ventura County Supervisors rejected all bids for construction of drainage system of concrete lined ditch, concrete pipe and open canal, and raise road level to grade and cross-sections. Bids were opened October 17. Edward Green, L. A., at \$15,564.90 submitted low bid. Work will be done by day labor under the supervision of the County Surveyor. 33

RIVERSIDE CO.—BRIDGE CONSTRUCTION—(STATE)

RIVERSIDE COUNTY, Cal.—C. F. Robbins, 5572 Alhambra Avenue, Los Angeles, at \$41,876, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a bridge across Temescal Creek, about 7 miles east of Temescal, consisting of reinforced concrete piers on precast concrete piles (VIII-Riv-78-B), Riverside county; PWA job.

- Work involves:
- (1) 1 lot remove and dispose of existing bridge;
 - (2) 700 c.y. struc. excav.;
 - (3) 164,000 lbs. bar reinf. steel;
 - (4) 124 c.y. of Class A Portland cement concrete footing blocks;
 - (5) 720 c.y. Class A do, struc.;

- (6) 722 l.f. timber railing;
 - (7) 2,100 lbs. misc. steel;
 - (8) 1,390 l.f. furnish precast conc. piles;
 - (9) 85 each drive precast conc. piles (10) 36 l.f. 12-in. CMP;
 - (11) 1 lot misc. items of work.
- Total bids follow:
- (A) C. F. Robbins, Los Angeles, \$41,876.00.
 - (B) H. H. Peterson, \$43,383.00.
 - (C) United Concrete Pipe Corp., Los Angeles, \$44,425.40.
 - (D) S. A. Cummings, \$44,767.00.
 - (E) White & Wilberg, 47,070.10.
 - (F) W. E. Robertson, \$49,475.00.
 - (G) J. S. Metzger & Son and Ralph A. Bell, \$49,544.00.
 - (H) Contracting Engrs. Co., \$50,710.
 - (I) Gibbons & Reed Co., \$52,007.00.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$2500.00	\$1750.00	\$1000.00	\$1000.00	\$1060.00	\$3000.00	\$2500.00	\$1400.00	\$1400.00
(2)	2.50	8.50	7.00	9.50	4.75	10.00	10.00	2.50	5.50
(3)	.05	.05	.06	.045	.0465	.045	.05	.06	.06
(4)	15.00	20.00	17.00	17.00	9.10	25.00	15.00	15.00	30.00
(5)	26.00	28.00	26.00	26.75	33.90	25.00	31.00	25.00	28.00
(6)	2.50	2.00	1.20	1.59	1.30	1.50	1.00	2.50	2.50
(7)	.10	.15	.18	.22	.16	.20	.20	.25	.25
(8)	3.00	3.00	2.00	2.50	2.14	3.00	3.00	3.00	4.00
(9)	25.00	25.00	35.00	27.00	49.90	50.00	60.00	70.00	45.00
(10)	1.00	2.00	3.00	1.50	2.00	2.00	2.00	2.50	2.00
(11)	500.00	450.00	750.00	1000.00	960.00	1000.00	1500.00	1000.00	1600.00

TAMALPAIS PARK SCHOOL, MILL VALLEY

SCHOOL BLDG. MILL VALLEY, Marin Co., Calif. Tamalpais Park School, Mill Valley. Two-story eight-classroom and auditorium elementary school building, concrete construction first floor, frame and stucco second floor, tile roof. Owner—Mill Valley School District. Architect—Walter C. Falch, Hearst Bldg., San Francisco. Structural Eng.—Carl W. Zollner, San Francisco.

Low bidder: Peter Sartorio, 369 Pine St., San Francisco, \$103,369.

Bids received with following alternate proposals: (1) ded. for sand finish colored plaster auditorium walls, in lieu of acoustical plaster, (2) ded. for colored finish plaster, in lieu of quiet tile on auditorium and classroom ceilings, (3) ded. for pine floors in lieu of beech floors in classrooms, (4) alternate omitted, (5) ded. for Johns Manville asbestos shingle in lieu of tile; for galvannead iron gutter leaders in lieu of lead clad metal; for colored concrete floors in lieu of terrazzo in toilets; for single strength glass in lieu of double strength, (6) ded. for omitting linoleum, shades, venetian blinds, finish hardware, and light fixtures, (7) ded. for omitting hose racks, use of art-niv wainscot in lieu of Hex-board; patent clamps in lieu of form strip; wood strips in auditorium in lieu of steel; 2 brush coats exterior

plastering in lieu of three; omit wire fabric in inside plaster board except in angles, (7a) add. for 20 gauge chicken wire in lieu of strips, (8) ded. for gas burner in lieu of oil, (9) ded. for omitting watchman, (10) ded. for omitting tile panel tower and lettering, (11) ded. for omitting lavatory rooms in principal's office and teachers' rest rooms, (12) ded. for omitting classroom No. 1 and clinic and installing tar and gravel deck over basement areas, (13) ded. for omitting Classroom No. 1, clinic on first floor and basement area under same, moving boy's lavatory and ramp to space under classroom 2, (14) ded. for omitting classroom 8, supply room and girls' bicycle room in basement and installing tar and gravel deck over girls' lavatory.

- Complete basic bids follow:
- (A) Peter Sartorio, S. F., \$103,369.
 - (B) Adam Arras and Son, S. F., \$197,459.
 - (C) Leibert and Trobock, San Rafael, \$109,441.
 - (D) Vincent Maggiora, Sausalito, \$109,500.
 - (E) De Luca and Son, S. F., \$111,111.
 - (F) P. F. Reilly, S. F., \$111,900.
 - (G) Monson Bros., S. F., \$114,765.
 - (H) Anderson and Ringrose, S. F., \$118,857.

Complete alternate proposals follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(1)	\$620	\$629	\$275	\$620	\$830	\$200	\$250	\$260
(2)	1500	810	100	1500	1000	800	700	350
(3)	240	343	500	150	425	180	238	.....
(5)	1100	1428	1274	1160	2050	749	1005	945
(6)	4096	4288	3896	4320	4550	6241	4200	4575
(7)	2005	2259	834	3874	2750	2712	862	500
(7a)	900	914	1050	900	1000	1000	1117	1175
(8)	1027	2706	1200	2906	950	2498	2190	1875
(9)	600	270	300	600	1250	300	.....	350
(10)	672	914	900	671	1025	671	100	700
(11)	280	324	300	230	400	421	195	260
(12)	2290	2516	4600	2686	2600	2000	2261	2125
(13)	1062	2113	3200	2944	2000	2000	1720	1585
(14)	2590	3329	3200	3359	3650	2900	2594	2250

STARK-RATH PRINTING & PUBLISHING COMPANY
465 Tenth Street Telephone Market 7110 San Francisco

LASSEN COUNTY—GRAD. & SURF.—(STATE)

LASSEN CO., Calif.—Poulos and McEwen, Smith River, at \$74,969.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 4.4 miles grading and surfacing with crusher run base and road-mix surfacing between Madeline and Likely, Lassen County, Calif.

- Work involves:
(1) 27 acres clear and grub;
(2) 650 M gals water;
(3) 51,000 c.y. roadway excav. without class;
(4) 650 c.y. struct. excav.;
(5) 200 c.y. ditch and channel excav;
(6) 18,000 c.y. import borrow;
(7) 14,000 sta. yds. overhaul;
(8) 233 sta. finish roadway;
(9) 15,000 tons crusher run base;
(10) 60 tons liq. asph. SC-2 prime coat;
(11) 6,900 tons min. aggregate road mix surf.;
(12) 440 tons liq. asph. ROMC-3 or ROMC-4 road mix surf.;

- (13) 48 tons liq asph. ROMC-3 or ROMC-4 seal coat;
(14) 450 tons sand seal coat;
(15) 1,400 lbs. bar reinf. steel;
(16) 30 cu. yds. class A Portland cement conc. struc.;
(17) 104 lf. 12-in. CMP;
(18) 946 lf. 18-in. CMP;
(19) 122 lf. 24-in. CMP;
(20) 64 lf. 36-in. CMP;
(21) 54 each culvert markers;
(22) 55 each monuments.

- Total bids follow:
(A) Poulos and McEwen, Smith River, \$74,969.80.
(B) Harms Bros., Vinton, \$77,372.00.
(C) Piazza and Huntley, San Jose, \$82,123.90.
(D) Fredericksen and Westbrook, Lower Lake, \$87,508.50.
(E) Ishbell Constr. Co., Reno, \$95,222.00.
(F) Mountain Constr. Co., Sacto., \$97,433.00.
(G) N. M. Ball Sons, Berkeley, \$107,885.14.

Unit prices follow:

Table with 7 columns (A-G) and 22 rows of unit prices for various construction items.

OAKLEY GRAMMAR SCHOOL

SCHOOL
OAKLEY, Contra Costa Co., Calif.
One-story frame and stucco grammar school building to contain 8 classrooms, gym and auditorium.
Owner—Oakley Union School Dist. (Edith Dal Porto, Clerk).
Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidder—Nielsen & Erbentraut, 82 Hollywood Ave., San Jose, \$77,985.

- Bids were received with the following alternate proposals, all deductions:
(1) omit T. & G. sheathing walls and ceiling;
(2) omit maple floor in auditorium;
(3) omit painting of plastered walls and ceilings;

- (4) omit Meritas inside building;
(5) omit doors;
(6) omit wall hung type toilets substituting floor type;
(7) omit clocks;
(8) omit finish electric light fixtures and lamps;
(9) concrete, per cubic foot.
Complete total bids follow:
(A) Nielsen & Erbentraut, \$77,985.
(B) C. M. Teigland, Oakland, \$79,170.
(C) Willis F. Lynn, Oakland, \$80,940.
(D) N. H. Sjoberg & Son, Richmond, \$81,268.
(E) Central California Const. Co., San Francisco, \$81,881.
(F) H. H. Henning, Stockton, \$89,340.
(G) Geo. Reok, Stockton, \$83,411.
(H) E. T. Leiter Sons, Oakland, \$83,967.00.

Complete alternate bids follow:

Table with 8 columns (A-H) and 8 rows of alternate bid prices.

Bids held under advisement.
(1010) 1st report April 19; 7th, Oct. 19, 1938.

BIDS OPENED
PITTSBURG, Contra Costa Co., Calif.—Robert B. McNair, 1030 Rhoda Ave., Oakland, at \$109,444, submitted the low bid to the Pittsburg City Council, Frank R. Taormina, City Clerk, City Hall, for construction of water works improvements in Pittsburg.

- The work involves:
General Construction;
(a) deduct if cast iron pipe is substituted by rock and cement lined steel pipe;
(b) deduct if cast iron pipe is substituted by asbestos cement pressure pipe.

Complete bids follow:
Robert B. McNair, \$109,444; (a) \$2500; (b) \$4100.

Fred J. Eairy, Jr., 111,840; (a) \$3,800; (b) \$5000.
Heafey-Moore and Fredrickson & Watson, \$117,000; (a) \$3000; (b) \$6,000.

Mills Const. Co., \$119,438; (a) \$4500 (b) \$6600.
MJB Const. Co., \$123,000; (a) \$6,000; (b) \$500.
MacDonald & Kahn Const. Co., \$124,421; (a) \$4500; (b) \$5500.
Williams Bros. & Haas, \$129,705; (a) \$5000; (b) \$6500.
Paul J. Tyler, \$129,866; (a) \$6500; (b) \$9400.

BIDS WANTED
WATSONVILLE, Santa Cruz Co., Cal.—Until October 25, 7:30 P. M., bids will be received by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, Watsonville, for construction of a levee approximately one mile in length.
Plans and specifications may be obtained from the City Engineer, Bert Kitchen, City Hall.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

- ALTER dwelling, \$500; 563 Liberty; owner, Wm. E. Brookbank, 563 Liberty; contractor, Calif. Home Imp. Co., 393 9th St.
ALTER dwelling, \$622; 1982 20th Avenue; owner, Mr. Nagel, prem.; contractor, Ira W. Coburn, 2048 Market St.
ALTER store, \$10; 524 Hayes St.; owner, Gruver, Inc., premises.
SHED, frame, \$20; E Carr 50 South Paul; owner, L. Pastorini, 1438 Van Dyke St.; contractor, Progressive Concrete Const. Co., 1438 Van Dyke St.
ALTER flats and store, \$150; 1453-59 Grant Avenue; owner, A. Oneto, premises.
ALTER dwelling, \$220; 246 12th Ave. owner, Fred Oehler, prem.; contractor, James Borge, 2467 Sutter St.
FLUE, \$25; 1514 Polk St.; owner, Wm. Tell, premises; contractor, Von Tagen Plbg. Co., 3376 18th.
SIGN, electric, \$25; Grove and Divisadero; owner, Mopoco Service Sta., premises; contractor, Wonderlite Neon Prod. Co., 170 Otis BILLBOARD, \$7; S Mission 90 East Maynard; owner and contractor, Foster & Kleiser Co., 1675 Eddy
ALTER dwelling, \$700; 4930 Anza owner, Timothy Linane, prem. contractor, Calif. Home Imp. Co 393 9th St.
ALTER dwelling, \$500; 4277 25th St. owner, Chas. Boost, prem.; contractor, Calif. Home Imp. Co 393 9th St.
ALTER flats, \$600; 100 Dolores St. owner, A. Godis, premises; contractor, J. B. Bourdieu, 2625 20th
ALTER store and office, \$750; 871 Market St.; owner, Flood Realty Co., premises.
ALTER dwelling, \$20; 126 Granvill

Use
'DAILY PACIFIC BUILDER'
Builder Ads
for Results

Way; owner, V. F. Hargreaves, premises; contractor, Karlberg & Bosin, 12208 2th Ave.

ALTER flats, \$275; 2411 Clay St.; owner, J. Saelerque, prem.; contractor, J. B. Bourdieu, 2625 20th.

SIGN, electric, \$150; 863 Cole St.; owner, Peerless Pharmacy, 863 Cole St.; contractor, Apex Elec Co., 363 Fell St.

ALTER dwelling, \$150; 339 Lincoln Way; owner, Peter and A. Zeituff 339 Lincoln Way; contractor, Carver-Niles Co., 1024 Clement.

BILLBOARD, \$13; SE Turk and Willard Sts.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$500; 1522 8th Ave. owner, John Schneider, 1522 8th Ave.; contractor, Calif. Home Improvement Co., 393 9th St.

ALTER dwelling, \$500; 571 Noe St.; owner, Alexander Payne, prem.; contractor, Calif. Home Imp. Co., 393 9th St.

ALTER dwelling, \$850; 270 10th Ave. owner, Walter E. Pratt, prem.

ALTER dwelling, \$380; 881 Douglas St.; owner, G. F. Jacobson, prem. contractor, National Roofing and Siding Co., 2172 Market St.

ALTER store and office, \$750; 870 Market St.; owner, Flood Realty Co., premises.

ALTER dwelling, \$70; 1343 Francisco St.; owner, A. Frisetti, 446 Greenwood St.; contractor, L. Polidoro Co., 432 Columbus Ave.

GARAGE, frame, \$20; NE Levant and Lawler; owner, Bertha F. Morrison, 108 Lawler Ter.

SIGN, electric, \$200; 1880 Haight St. owner, Park Cafe, premises; contractor Apex Elec. Co., 363 Fell.

BILLBOARD, \$7; NW 19th and Irving; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

FLUES, \$268; 440 Geary St.; owner, Somerton Hotel, premises; contractor, Mangrum-Holbrook and Elkus, 301 Golden Gate Ave.

ALTER dwelling, \$900; 1446 Underwood St.; owner, R. Gallardo, premises; contractor, National Roofing and Siding Co., 2172 Market St.

ALTER dwelling, \$200.00; 1242 Plymouth; owner, D. L. Clark, 1242 Plymouth; contractor, Hanson & Kint, 2311 32nd Ave.

ALTER dwelling, \$50; 2543 24th St.; owner, Margaret Schachhubert, prem.; contractor, Calif. Home Imp. Co., 393 9th St.

ALTER dwelling, \$700; 2607-23 Folsom St.; owner, J. Heffernan, 79 Santa Marina; contractor, J. Heffernan, Jr., 3953 20th St.

SIGN, electric, \$200; 18 Jackson St.; owner, Lillian Walsh, premises; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

ALTER flats, \$200; 7026-28 Geary; owner, S. Eichenbaum 7028 Geary Street.

SIGN, electric, \$200; 800 McAllister St.; owner, Mrs. Chas. Stuart, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER dwelling, \$345; 1501 18th Ave.; owner, J. A. Droubie, 1501 18th Ave.; contractor, Carl Olson & Son, 1386 31st Ave.

SIGN, electric, \$450; 115 Jones St.; owner, Golden Gate Bowling Alleys, premises; contractor, Western Neon Lite Co., 75 Fremont.

FLUE, \$40; 1836 Divisadero; owner, S. Felix, prem.; contractor, Emon Sheet Metal, 1836 Divisadero St.

SIGN, electric, \$200; 381 Bay St.; owner, Yanco, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$50; 601 Arkansas; owner, Catherine Russo, prem.

ALTER hotel, \$600; NW O'Farrell

and Taylor Sts.; owner, M. Loud, Calif. Hotel; contractor, Lowell Davison, 1250 9th Ave.; architect J. Francis Ward, 68 Post St.

ALTER dwelling, \$500; 51 Lamartine; owner, N. H. Hatch, prem.; contractor, Calif. Home Imp. Co. 393 9th St.

ALTER dwelling, \$925; 750 Sanchez; owner, E. A. Cronston, premises;

contractor, Moore & Madsen, 557 Market St.; architect, Wm. C. Ambrose, 244 Kearny St.

ALTER dwelling, etc., \$200; SW Geneva and Naples; owner, F. Gandolfo, 1004 Naples St.

ALTER dwelling, \$757 Arguello Blvd. \$80; owner, Francis Castro, 757 Arguello; contractor, O. H. Anderson, 225 Geary St.

Central Valley Project—Pumping Plants—(Govt.)

CENTRAL VALLEY PROJECT, Calif.—Geo. B. Henley, Ontario, Ore., at \$129,317.00 submitted lowest combination bid to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 803, for the construction of pumping plants Nos. 1, 2, 3 and 4, Contra Costa Canal, Delta Division, Central Valley Project. Work is located near Antioch, Calif.

By Schedules, low bids were: Geo. B. Henley, Ontario, Oregon, Sch. 2, \$28,586.50 and Sch. 3, \$29,424.50; Heafey-Moore Co. and Fredrickson and Watson Construction Co., Oakland, Sch. 1, \$33,982.50; and Sibley Grading and Teaming Co. Ltd., San Francisco, Sch. 4, \$36,780.70.

Total bids in order in which they were read were as follows:

- (A) S. D. Bechtel Co., San Francisco, Sch. 1, \$64,745; Sch. 2, \$46,800; Sch. 3, \$48,027; Sch. 4, \$61,973. No stipulations.
 - (B) Fred J. Early Jr., San Francisco, Sch. 1, \$78,372.50; Sch. 2, \$46,738.50; Sch. 3, \$49,163.50; Sch. 4, \$63,038.50. Stipulation: one alone, any two or three, or all.
 - (C) Sibley Grading and Teaming Co. Ltd., S. F., Sch. 1, \$35,759.90; Sch. 2, \$30,497.50; Sch. 3, \$30,562.80; Sch. 4, \$36,780.70. Stipulation: all or none.
 - (D) The Utah Construction Co., S.F., Sch. 1, \$47,446.50; Sch. 2, \$38,036.00; Sch. 3, \$39,009.20; Sch. 4, \$48,129.10. Stipulation: all or none.
 - (E) Heafey-Moore Co. and Fredrickson and Watson Constr. Co., Oakland, Sch. 1, \$33,982.50; Sch. 2, \$30,121; Sch. 3, \$30,947; Sch. 4, \$39,077.50. Stipulation: all or none.
 - (F) Geo. B. Henley, Ontario, Sch. 1, \$34,330.50; Sch. 2, \$28,586.50; Sch. 3, \$29,424.50; Sch. 4, \$36,975.50.
- The late bid of Gunther Shriley Co., Los Angeles, unopened.
- The complete items are: PUMPING PLANTS NOS. 1, 2, 3 & 4, CONTRA COSTA CANAL DELTA DIV., CENTRAL VALLEY PROJ., CALIFORNIA

Bids will be considered on all or any number of the following schedules. Bidders may make such stipulations as they desire regarding combinations of schedules, but no bid will be considered for only a part of any schedule.

**SCHEDULE NO. 1
PUMPING PLANT NO. 1**

- (1) lump sum, unwatering foundations;
- (2) 8000 c.y. excav. for pumping plant;
- (3) 280 c.v. placing gravel subbase;
- (4) 860 c.v. placing gravel fill and blankets;
- (5) 4800 c.y. backfill;
- (6) 3400 c.v. compacting backfill;
- (7) 1140 c.v. concrete;
- (8) 105,000 lbs. placing reinf. bars;
- (9) 630 lf. placing metal sealing strips;
- (10) 130 lf. installing rubber water stops;
- (11) 100 sq. ft. installing elastic joint filled matl.;
- (12) 200 sq. vds. placing bonded concrete flr. finish;

- (13) 1800 sq. ft. installing asphalt saturated felt roofing complete with flashing;
- (14) 650 sq. ft. placing membrane waterproofing;
- (15) 170 sq. yds. applying liquid dampproofing;
- (16) 12,500 lbs. installing discharge pipes;
- (17) 36,000 lbs. installing trashrack and stop log metalwork;
- (18) 16,000 lbs. installing traveling crane and crane rails;
- (19) 12,000 lbs. installing metal flr. plates and gratings and frames, pipe hand rails, and hatchway and manhole frames and covers;
- (20) 170 s. ft. installing metal doors;
- (21) 500 sq. ft. installing metal saah windows;
- (22) 150 lbs. installing window operators;
- (23) 100 sq. ft. installing metal partitions;
- (24) 500 lbs. installing plbg. fixtures;
- (25) 800 lbs. installing metal ventilators;
- (26) 2500 lbs. installing misc. metalwork;
- (27) 1000 lf. installing elec. metal conduit 1 1/2 in. or less in diam.;
- (28) 300 lf. installing elec. metal conduit more than 1 1/2 in. and not more than 3 in. in diam.;
- (29) 600 lbs. installing ground wire;
- (30) 140 s. ft. constr. temporary timber flrs.

**SCHEDULE NO. 2
PUMPING PLANT NO. 2**

- (31) 4500 c.y. excav. for pumping plant;
- (32) 160 c.v. placing gravel subbase;
- (33) 470 c.v. placing gravel fill;
- (34) 4000 c.y. backfill;
- (35) 2800 c.v. compacting backfill;
- (36) 1180 c.v. concrete;
- (37) 105,000 lbs. placing reinf. bars;
- (38) 610 lf. placing metal sealing strips;
- (39) 260 lf. installing rubber water stops;
- (40) 220 sq. ft. installing elastic joint flir matl.;
- (41) 200 sq. vds. placing bonded concrete flr. finish;
- (42) 1800 sq. ft. installing asphalt saturated felt roofing, complete with flashing;
- (43) 650 sq. ft. placing membrane waterproofing;
- (44) 170 sq. yds. applying liquid dampproofing;
- (45) 12,500 lbs. installing discharge pipes;
- (46) 16,000 lbs. installing trashrack and stop log metalwork;
- (47) 16,000 lbs. installing traveling crane and crane rails;
- (48) 11,000 lbs. installing metal flr. plates and gratings and frames, pipe handrails, and hatchway and manhole frames and covers;
- (49) 230 sq. ft. installing metal doors;
- (50) 450 sq. ft. installing metal saah windows;
- (51) 150 lbs. installing metal saah window operators;
- (52) 100 sq. ft. installing metal partitions;
- (53) 500 lbs. installing plumbing fixtures;

- (54) 800 lbs. installing metal ventila-
- (55) 2500 lbs. installing misc. metal-
- (56) 1000 l.f. installing elec. metal
- (57) 300 l.f. installing elec. metal con-
- (58) 600 lbs. installing ground wires;
- (59) 140 sq. ft. constr. temporary tim-

- (104) 21,000 lbs. installing traveling
- (105) 11,000 lbs. installing metal fir-
- (106) 230 sq. ft. installing metal
- (107) 450 sq. ft. installing metal sash
- (108) 150 lbs. installing metal sash
- (109) 100 sq. ft. installing metal par-

- (110) 500 lbs. installing plumbing fix-
- (111) 800 lbs. installing metal ven-
- (112) 2500 lbs. installing misc. metal-
- (113) 1000 l.f. installing elec. metal
- (114) 300 l.f. installing elec. metal
- (115) 600 lbs. installing ground wires;
- (116) 140 sq. ft. constr. temporary

Unit prices follow:

SCHEDULE NO. 3
PUMPING PLANT No. 3

- (60) 5000 c.y. excav. for pumping
- (61) 150 c.y. placing gravel subbase;
- (62) 500 c.y. placing gravel fill;
- (63) 4000 c.y. backfill;
- (64) 2800 c.y. compacting backfill;
- (65) 1170 c.y. concrete;
- (66) 105,000 lbs. placing reinf. bars;
- (67) 610 l.f. placing metal sealing
- (68) 270 l.f. installing rubber water
- (69) 250 sq. ft. installing elastic joint
- (70) 200 sq. yds. placing bonded con-
- (71) 1800 sq. ft. installing asphalt
- (72) 650 sq. ft. placing membrane wa-
- (73) 170 sq. yds. applying liquid
- (74) 19,500 lbs. installing discharge
- (75) 16,000 lbs. installing trashrack
- (76) 22,000 lbs. installing traveling
- (77) 11,000 lbs. installing metal fir-
- (78) 230 sq. ft. installing metal doors;
- (79) 450 sq. ft. installing metal sash

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$13,800.00	\$30,000.00	\$2,400.00	\$4730.00	\$650.00	\$600.00
(2)	.60	.90	.001	.32	.33	.40
(3)	3.00	4.00	3.76	3.95	3.00	1.00
(4)	3.00	3.90	3.26	3.50	3.00	1.50
(5)	.53	.50	.50	.19	.33	.20
(6)	.55	.50	.50	1.28	.45	.60
(7)	27.50	22.00	16.50	20.65	16.00	18.09
(8)	.023	.03	.02	.016	.017	.02
(9)	.50	1.00	.05	.13	.40	.15
(10)	.30	1.00	.50	.32	.65	.30
(11)	.30	1.00	.05	.15	.65	1.00
(12)	2.50	3.00	1.00	1.50	.60	1.00
(13)	.25	.05	1.0	.20	.05	.20
(14)	.30	.05	.15	.20	.05	.10
(15)	.80	.50	.20	.90	.60	.20
(16)	.04	.03	.04	.025	.025	.05
(17)	.025	.02	.04	.04	.025	.03
(18)	.035	.02	.04	.04	.025	.03
(19)	.40	.02	.04	.04	.025	.04
(20)	.60	1.00	.40	.65	1.30	.50
(21)	.60	.20	.25	.22	.40	.20
(22)	.40	.30	.15	.40	.33	.40
(23)	.16	.15	.04	.32	.40	.30
(24)	.11	.10	.05	.05	.11	.10
(25)	.11	.02	1.0	.15	.11	.05
(26)	.30	.10	.10	.25	.22	.07
(27)	.50	.20	.15	.10	.30	.10
(28)	.10	.30	.05	.13	.10	.03
(29)	.50	.15	.05	.50	.20	1.00

SCHEDULE TWO

- (80) 150 lbs. installing metal sash
- (81) 100 sq. ft. installing metal par-
- (82) 500 lbs. installing plumbing fix-
- (83) 800 lbs. installing metal ventila-
- (84) 2500 lbs. installing misc. metal-
- (85) 1000 l.f. installing elec. metal
- (86) 300 l.f. installing elec. metal
- (87) 600 lbs. installing ground wires;
- (88) 140 sq. ft. constr. temporary tim-

	(A)	(B)	(C)	(D)	(E)	(F)
(31)	.60	1.00	.001	.22	.33	.20
(32)	3.00	4.00	3.76	3.95	3.00	1.00
(33)	3.00	3.90	3.26	3.50	3.00	1.00
(34)	.33	.50	.50	.19	.33	.20
(35)	.55	.50	1.00	1.28	.45	.60
(36)	27.50	25.00	16.50	20.65	16.00	16.00
(37)	.023	.03	.02	.016	.017	.02
(38)	.50	1.00	.05	.13	.40	.15
(39)	.30	1.00	.50	.32	.65	.30
(40)	.30	1.00	.05	.15	.65	1.00
(41)	2.50	3.00	1.00	1.50	.60	1.00
(42)	.25	.05	1.0	.20	.05	.20
(43)	.30	.05	.15	.20	.05	.10
(44)	.80	.50	.20	.90	.60	.20
(45)	.04	.03	.04	.025	.025	.05
(46)	.025	.02	.04	.04	.025	.04
(47)	.035	.02	.04	.04	.025	.03
(48)	.03	.02	.04	.04	.025	.04
(49)	.40	1.00	.40	.65	1.30	.50
(50)	.60	.50	.40	.65	.40	.20
(51)	.60	.20	.25	.22	.40	.30
(52)	.40	.30	.15	.40	.33	.40
(53)	.16	.15	.04	.32	.40	.30
(54)	.11	.10	.05	.05	.11	.10
(55)	.11	.02	1.0	.15	.11	.05
(56)	.30	.10	.10	.25	.22	.07
(57)	.50	.20	.15	.40	.30	.10
(58)	.10	.30	.05	.15	.10	.03
(59)	.50	.15	.05	.50	.20	1.00

SCHEDULE THREE

- (60) .60 1.00 .001 .22 .33 .20
- (61) 3.00 4.00 3.76 3.95 3.00 1.00
- (62) 3.00 3.90 3.26 3.50 3.00 1.00
- (63) .33 .50 .30 .19 .33 .20
- (64) .55 .50 1.00 1.28 .45 .60
- (65) 27.50 26.00 16.50 20.65 16.00 16.00
- (66) .023 .03 .02 .016 .017 .02
- (67) .50 1.00 .05 .13 .40 .15
- (68) .30 1.00 .50 .32 .65 .30
- (69) .30 1.00 .05 .15 .65 1.00
- (70) 2.50 3.00 1.00 1.50 .60 1.00
- (71) .25 .05 1.0 .20 .05 .20
- (72) .30 .05 .15 .20 .05 .10
- (73) .80 .50 .20 .90 .60 .20
- (74) .04 .03 .04 .025 .025 .05
- (75) .025 .02 .04 .04 .025 .04
- (76) .035 .02 .04 .04 .025 .03
- (77) .03 .02 .04 .04 .025 .04
- (78) .40 1.00 .50 .65 1.30 .50
- (79) .60 .50 .40 .65 .40 .30
- (80) .60 .20 .25 .22 .40 .30
- (81) .40 .30 .15 .40 .33 .40
- (82) .16 .15 .04 .32 .40 .30
- (83) .11 .10 .05 .05 .11 .10
- (84) .11 .02 .10 .15 .11 .05
- (85) .30 .10 .10 .25 .22 .07
- (86) .30 .10 .10 .25 .22 .07
- (87) .10 .20 .05 .15 .10 .03
- (88) .50 .15 .05 .50 .20 1.00

SCHEDULE NO. 4
PUMPING PLANT No. 4

- (89) 10,000 c.y. excav. for pumping
- (90) 220 c.y. placing gravel fill;
- (91) 5000 c.y. backfill;
- (92) 3500 c.y. compacting backfill;
- (93) 1500 c.y. concrete in pumping
- (94) 140,000 lbs. placing reinf. bars;
- (95) 610 l.f. placing metal sealing
- (96) 540 l.f. installing rubber water
- (97) 700 sq. ft. installing elastic joint
- (98) 200 sq. yds. placing bonded con-
- (99) 1800 sq. ft. installing asphalt
- (100) 650 sq. ft. placing membrane
- (101) 170 sq. yds. applying liquid
- (102) 17,000 lbs. installing discharge
- (103) 16,000 lbs. installing trashrack

SCHEDULE FOUR

	(A)	(B)	(C)	(D)	(E)	(F)
(89)	.60	.80	.001	.22	.33	.10
(90)	3.00	4.00	3.26	3.60	3.00	1.00
(91)	.33	.50	.30	.19	.33	.20
(92)	.55	.50	1.00	1.28	.45	.50
(93)	27.50	27.00	16.50	20.65	16.00	17.00
(94)	.023	.03	.02	.016	.017	.02
(95)	.50	1.00	.05	.13	.40	.15
(96)	.30	1.00	.50	.32	.65	.30
(97)	.30	1.00	.05	.15	.65	1.00
(98)	2.50	3.00	1.00	1.50	.60	1.00
(99)	.25	.05	1.0	.20	.05	.20
(100)	.30	.05	.15	.20	.05	.10
(101)	.80	.50	.20	.90	.60	.20
(102)	.04	.03	.04	.025	.025	.05

	(A)	(B)	(C)	(D)	(E)	(F)
(103)	.025	.02	.04	.04	.025	.04
(104)	.03	.02	.04	.04	.025	.03
(105)	.035	.02	.04	.04	.025	.04
(106)	.40	1.00	.40	.65	1.30	.50
(107)	.60	.50	.40	.65	.40	.30
(108)	.60	.20	.25	.22	.40	.30
(109)	.40	.30	.15	.40	.33	.40
(110)	.16	.15	.04	.32	.40	.30
(111)	.11	.10	.05	.05	.11	.10
(112)	.11	.02	1.0	.15	.11	.05
(113)	.30	.10	.10	.25	.22	.07
(114)	.50	.20	.15	.40	.30	.10
(115)	.10	.20	.05	.13	.10	.03
(116)	.50	.15	.05	.50	.20	1.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until Oct. 26, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:
9:30 A. M.

BID No. 928-39-116: Wrought iron pipe, pipe fittings, flanges, unions; f.o.b. Dock No. 1, Fort Mason.
10:30 A. M.

BID No. 928-39-114: Misc. parts for mowers; f.o.b. Dock No. 3, Fort Mason.

FORT MASON, Calif.—Bids will be received by the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, for furnishing supplies and materials, as follows:
OCTOBER 24, 10:00 A. M.

BID No. QM-W-6616-39-28: 16,800 bd. ft. Douglas Fir lumber; f.o.b. Presidio San Francisco.

OCTOBER 28, 10:00 A. M.
BID No. QM-W-6616-39-29: Switches and panels; f.o.b. Presidio of San Francisco.

SAN FRANCISCO.—Until October 25, 3:00 P. M. bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-126, for rental of 1/2 ton pick-up truck for 30 days or use in the vicinity of Uvas Creek.

SAN FRANCISCO.—Until October 5, 3:00 P. M. bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-127, for rental of (1) one 80 H. P. tractor equipped with bulldozer with operator for 200 hours; and (2) one 60 H. P. tractor, equipped with bulldozer with operator for 200 hours for use on the Uvas Creek.

SACRAMENTO, Calif.—Until Oct. 5, 3:00 P. M. bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-107, for furnishing and delivering 400 cu. yd. road rock; f.o.b. Rio Vista, Calif.

FORT MASON, Calif.—Until Oct. 1, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, for furnishing supplies and materials, as follows:
10:00 A. M.

BID No. 928-39-119: 16,000 ft. per M. ft. No. 12 AWG wire and 8,000 ft. ner M. ft. No. 10, AWG wire; f.o.b. Dock No. 3, Fort Mason.

BID No. 928-39-121: Douglas fir, Oak, Manle, Plywood; f.o.b. Dock No. 3, Fort Mason.

FORT MASON, Calif.—Until Nov. 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-125, for furnishing 100 lb. ammonia and 40,000 lb. cal-

cium chloride; f.o.b. Dock No. 3, Ft. Mason, S. F.

SACRAMENTO, Calif.—Until Oct. 28, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-111, for furnishing 40,768 ft. B.M. Douglas Fir lumber; f.o.b. Lodi, Calif. and/or railroad cars at point of bidder's selection.

FORT MASON, Calif.—Until Nov. 1, 10:00 A. M., bids will be received by the San Francisco General Depot, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-124, for furnishing one portable, electric grinder, not less than 3/4 h.p.; f.o.b. Fort Mason.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for misc. supplies and materials, as follows:
SCH. 4608: Resistance wire for eastern and western yards; Nov. 1
SCH. 4591: 2 air operated whistles 2 solenoid comb. manually operated whistle valves, and one mechanically operated whistle valve and spares for Washington; November 1.

SCH. 4583: Resistors for Mare Island; Oct. 28.

SCH. 4611: 2 electrically operated dough mixing machines for Mare Island; Nov. 1.

SCH. 4599: Insulating fiber for eastern and western yards; Nov. 1.

SCH. 4600: 2 tractor type motor truck chassis and 4 semi-trailers for eastern or western yard; Nov. 1.

SCH. 4607: Motor driven combination contour metal sawing, filing and polishing machine for Washington; Oct. 25.

SCH. 4594: Friction and insulating tape for eastern and western yards; Nov. 1.

SCH. 4597: Motor driven automatic thread grinder machine and attachments for Washington; October 25

SCH. 4598: Motor driven woodworking surface planer for Washington; Oct. 25.

SCH. 4585: 43 steel railroad flat cars, 50-ton capacity, and three 60-ton capacity, for eastern and western yards; Nov. 1.

SCH. 4623: Wire rope and seizing thread for eastern and western yards; Nov. 1.

SCH. 4602: Motor driven machine, hobbing, spline, universal, horizontal, cutting type for Washington; Oct. 25.

SCH. 4604: 2 motor driven precision job boring machines and equipment for Washington; Oct. 25.

SCH. 4609: Motor driven jig boring machine for Washington; Oct. 25.

SCH. 4613: 2 motor driven turret lathes for Washington; Oct. 25.

SCH. 4632: Motor driven straight bevel gear generator for Puget Sound; Nov. 1.

SCH. 4629: Motor driven milling machine for San Diego; Nov. 1.

SCH. 4628: Motor driven bench lathe for San Diego; Nov. 1.

SCH. 4656: Navy aviation gasoline for West Coast; Oct. 27.

SCH. 4660: Hydraulic bolt forceers for eastern yards and Puget Sound; Nov. 4.

SCH. 4612: 1 motor truck chassis and 1 fueling unit for San Diego; November 1.

SCH. 4610: Insulated sleeving and tape for eastern and western yards; Nov. 1.

SCH. 4630: Motor driven turret saddle type lathe for San Pedro; Nov. 1.

SCH. 4633: Motor driven selective head lathe for San Pedro; Nov. 1.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for furnishing supplies and purchase of equipment, as follows:
OCTOBER 20, 2:00 P. M.

BID No. 6186: Replacement parts for Ruth dredger; f.o.b. Willows.

OCTOBER 27, 2:00 P. M.
BID No. 6181: Purchase of New Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Government Island.

BID No. 6184: Purchase of New Chevrolet (or equal) replacement parts, including lump sum allowance and/or cash offer on used equipment; f.o.b. Northfolk, Calif.

GOVERNMENT ISLAND, Calif.—Until October 27, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for purchase of equipment, as follows:

BID No. 6182: Purchase of new Chevrolet (or equal) replacement parts, inc. lump sum trade-in allowance and/or cash offer on used equipment; fob Glendale.

BID No. 6183: Purchase of new Caterpillar (or equal) tractor replacement parts, inc. lump sum trade-in allowance and/or cash offer on used equipment; fob Glendale.

BID No. 6185: Purchase of new Caterpillar (or equal) tractor replacement parts, inc. lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until October 31, 3:00 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2100 for furnishing 7500 feet lead covered cable, Latex, Latex, or approved equal.
Plans and specifications available from above office.

SAN FRANCISCO.—Until October 28, 3:00 P.M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2102, for furnishing, delivering and spreading approx. 5,000 c.y. loam for Golden Gate Park.

Plans and specifications may be obtained from the above office.

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Granfield-Farrar & Carlin
Low on Pacheco Job



Parker Bids \$551,300 on Farm Bank



**Building Permits, Advance Reports
of Building and Engineering
Projects**

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3301	Ayoub	Newton	1800
3302	Cameron	Modern Co.	1400
3303-6	Desiano	Owner	6000
3307	Gudehus	Modern Co.	2580
3308-10	Lindsay	Owner	3500
3311-12	Lindsay	Owner	4000
3313	Pac. Can	Vanucci	1000
3314	Todd	United Rfg.	1780
3315	Wilkins	Coburn	5000
3316	Balanese	Owner	1750
3317	Campbell	Cahill	20000
3318	Crocker	Owner	4500
3319	Dunne	Isaac	1800
3320-4	G G Inv	Cornblum	3500
3325	Goldstein	Erickson	3000
3326	Haight	Williams	4000
3327	Morris	Isaac	5000
3328	Raisch	Raisch	8000
3329	Standard	Owner	3000
3330	Standard	Owner	3500
3331	Texas	Early	3000
3332	Weiman	Linder	8000
3333	Wilman	Shibley	6000
3334	Antone	Owner	3000
3335	Grassis	Modern	1080
3336	Vantier	Owner	5000
3337	Costello	Owner	4000
3338-9	Edmonds	Lindsay	7000
3340	Honnet	Olson	1540
3341	Lajannette	Owner	3000
3342	Mohler	Owner	4000
3343-6	Rison	Owner	4000
3347-8	Wiander	Wiander	5500
3349	Carlson	Nelson	4000
3350	Cator	Urdin	1000
3351	Kendrick	Urdin	1000
3352-4	Michael	Moore	3500
3355-6	Noceti	Owner	2000
3357	Noonan	Malloch	1000
3358	Weiman	Linder	1000
3359	Gianelli	Hall	8000
3360	Higgins	Owner	1000
3361	King	Owner	35000
3362	Maddux	Papenhausen	1000
3363	Sweigert	Cougle	1900

ALTERATIONS

(3301) 2146 3rd STREET. Alter store and dwelling.
Owner—S. W. Ayoub, premises.
Contractor—John Newton, 2029 Kirkham.
Architect—Not given. \$1800

ALTERATIONS

(3302) 411 SHRADER ST. Alter dwelling.
Owner—Bruce Cameron, premises.
Contractor—Modernization Co. of Cal. 3601 Geary Blvd.
Architect—Not given. \$1400

FLATS

(3303) N. FILBERT 50 E. Grant Ave. Two-story and basement frame flats.
Owner—Michael Desiano, 2453 Lombard St.
Seg. Contract.
Architect—H. C. Bauman, 251 Kearny St. \$6000

FLATS

(3304) E. GRANT AVE. 112 N. Filbert St. Two-story and basement frame flats.
Owner—Michael Desiano, 2453 Lombard St.

Seg. contracts.
Architect—H. C. Baumann, 251 Kearny St. \$6000

FLATS

(3305) E. GRANT AVE. 87 N. Filbert St. Two-story and basement frame flats.

Owner—Michael Desiano, 2453 Lombard St.
Seg. contracts.
Architect—H. C. Baumann, 251 Kearny St. \$6000

FLATS

(3306) N. FILBERT 75 E. Grant Ave. Two-story and basement frame flats.

Owner—Michael Desiano, 2453 Lombard St.
Seg. contracts.
Architect—H. C. Baumann, 251 Kearny St. \$6000

ALTERATIONS

(3307) 504 SHRADER STREET. Alter apartment house.
Owner—Annie M. Gudehus, prem.
Contractor—Modernization Co. of Cal. 3601 Geary Blvd.
Architect—Not given. \$2,580

DWELLING

(3308) W. 45th AVE. 225 N. Cabrillo. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3309) W. 45th AVE. 250 N. Cabrillo. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3310) W. 45th AVE. 275 N. Cabrillo. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3311) N.E. 30th AND LAWTON ST. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

DWELLING

(3312) N.E. 43rd AVE AND KIRKHAM. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

ALTERATIONS

(3313) NEWHALL AND WILLIAMS. Alter bridge.
Owner—Pacific Can Co., prem.
Contractor—Vanucci Const. Co., 375 Bayshore Blvd.
Architect—Not given. \$1000

ALTERATIONS

(3314) 4646 3rd STREET. Alter flats.
Owner—Fred H. Todd, prem.
Contractor—United Roofing and Siding Co., 2906 Mission St.
Architect—Not given. \$1780

ALTERATIONS

(3315) 1114 FOLSOM STREET. Alter warehouse.
Owner—H. H. Wilkins, 2048 Market Street.
Contractor—Ira W. Coburn, 2048 Market Street.
Architect—Not given. \$5000

ALTERATIONS

(3316) 1500 PACIFIC AVE. Alter stores and flats.
Owner—D. Balanese, premises.
Contractor—Modernization Co. of California, 3601 Geary St.
Architect—Not Given. \$1,750

DWELLING

(3317) SE ULLOA 374 NE Laguna Honda. One - story and basement frame dwelling.
Owner and Builder—J. V. Campbell, 849 Laguna Honda.
Architect—Not Given. \$4,500

(3318) SW FIRST and Mission Sts. One-story frame office building.
Owner—G. M. Crocker, 275 Bush St.
Contractor—Cahill Bros., 206 Sansome Street.
Architect — Albert Lansburg, 321 Bush Street.
Engineer—Wm. Adrian, 417 Market Street. \$20,000

ALTERATIONS

(3319) 69 FARRAGUT AVE. Alter dwelling.
Owner—L. Dunne, c/o contractor.
Contractor—H. Isaac, 1149 Cole St.
Architect—Not Given. \$1,800

DWELLING

(3320) W 32nd AVE. 221 S Quintara. One - story and basement frame dwelling.
Owner—Golden Gate Inv. Co., 420 Russ Building.
Contractor—Edward Cornblum, 2200 47th Avenue.
Architect—Not Given. \$3,500

DWELLING

(3321) W 32nd AVE. 245 S Quintara. One - story and basement frame dwelling.
Owner—Golden Gate Inv. Co., 420 Russ Building.
Contractor—Edward Cornblum, 2200 47th Avenue.
Architect—Not Given. \$3,500

DWELLING

(3322) W 32nd AVE. 196 S Quintara. One - story and basement frame dwelling.
Owner—Golden Gate Inv. Co., 420 Russ Building.
Contractor—Edward Cornblum, 2200 47th Avenue.
Architect—Not Given. \$3,500

DWELLING

(3323) W 32nd AVE. 147 S Quintara. One - story and basement frame dwelling.
Owner—Golden Gate Inv. Co., 420 Russ Building.
Contractor—Edward Cornblum, 2200 47th Avenue.
Architect—Not Given. \$3,500

DWELLING

(3324) W 32nd AVE. 172 S Quintara. One - story and basement frame dwelling.
Owner—Golden Gate Inv. Co., 420 Russ Building.
Contractor—Edward Cornblum, 2200 47th Avenue.
Architect—Not Given. \$3,500

DWELLING

(3325) S HAIGHT ST. 131 E Pierce. One - story and basement frame dwelling.
Owner—Goldstein Realty Co., c/o contractor.
Contractor—Henry Erickson, 972 Chenery Street.
Architect—Not Given. \$3,000

DWELLINGS

(3326) W 14th AVE. 231, 254, 277 S Irving St. Three 1-story frame dwellings.
 Owner—R. M. and Helen Haight, Daly City.
 Contractor—Williams Const. Co., 3366 22nd Street.
 Architect—Not Given. \$4000 each

DWELLING

(3329) S HAZELWOOD 242 East Yerba Buena. One - story and basement frame dwelling.
 Owner—F. Morris, c/o contractor.
 Contractor—M. Isaac, 1149 Cole St.
 Architect—Not Given. \$5,000

STORAGE BLDG.

(3328) SW CHESTNUT and Larkin. One-story concrete storage bldg.
 Owner—A. J. Raisch, 46 Kearny St.
 Contractor—A. G. Raisch, 1 De Haro.
 Architect—Not Given. \$5,000

DWELLINGS

(3329) W 23rd AVE. 368, 393, 418, 443, 468, 493, 518, 543, 568 S Noriega St. Nine 1-story and basement frame dwellings.
 Owner and Builder—Standard Bldg. Architect—Not Given. \$3000 each
 Co., 1500 Judah Street.

DWELLING

(3330) W 27th AVE. 200 S Rivera. One - story and basement frame dwelling.
 Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not Given. \$3,500

SERVICE STATION

(3331) SE THIRD and Bayshore. Steel service station.
 Owner—The Texas Co., Hearst Bldg.
 Contractor—Fred J. Early, Jr., 369 Pine Street.
 Architect—Not Given. \$3,000

ALTERATIONS

(3332) SW EIGHTH Ave. and Geary. Alter stores and flats.
 Owner—M. Welman, 620 22nd Ave.
 Contractor—J. F. Linder, 617 Moraga.
 Architect—Vincent Buckley, 525 Market Street. \$8,000

FACTORY

(3333) W BAYSHORE 377 N Cortland. One -story Class C factory.
 Owner—C. A. Wellman, 165 Landers.
 Contractor—Sibley Grading & Teaming Co., Ltd., 165 Landers Street.
 Architect—Not Given. \$6,000

DWELLING

(3334) E. ST. CHARLES 165 S. Alemany. One-story and basement frame dwelling.
 Owner—John Antone, 331 Lisbon St.
 Architect—Not given. \$3000

ALTERATIONS

(3335) 17 CHILD St. Alter dwelling.
 Owner—Maria Grassie and Victoria Ghiglieri, prem.
 Contractor—Modernization Co. of Cal, 3601 Geary Blvd.
 Architect—Not given. \$1080

DWELLING

(3336) SW KENSINGTON WAY 172 NW Ulloa. Two-story and basement frame dwelling.
 Owner—B. Vantier, 21 Brady St.
 Architect—Not given. \$5000

DWELLINGS

(3337) E 25th AVE. 293, 318, 343, 368 S Noriega. Four one-story and basement frame dwellings.
 Owner and Builder—Michael Costello, 821 34th Avenue.
 Architect—Not Given. \$4000 each

FLATS

(3338) N PT. LOBOS 38 W 43rd Ave. Two-story and basement frame flats.
 Owner—J. W. Edmonds, 677 43rd Ave.
 Contractor—Boyd C. Lindsay, 1176 Alemany Blvd.
 Architect—Not Given. \$7,000

FLATS

(3339) NW 43rd AVE. and Pt. Lobos. Two-story and basement frame flats.
 Owner—J. W. Edmonds, 677 43rd Ave.
 Contractor—Boyd C. Lindsay, 1176 Alemany Blvd.
 Architect—Not Given. \$7,000

ALTERATIONS

(3340) 1431 KIRKHAM. Alter dwelling.
 Owner—H. Honnef, premises.
 Contractor—Carl Olson, 1386 31st Avenue.
 Architect—Not Given. \$1,540

DWELLING

(3341) S OAKDALE 49E Lane. One-story and basement frame dwelling.
 Owner and Builder—Antone Lajanne, 1553 Newcomb Ave.
 Architect—Not Given. \$3,000

DWELLING

(3342) SE LANE and Oakdale. One-story and basement frame dwelling.
 Owner and Builder—Antone Lajanne, 1553 Newcomb Ave.
 Architect—Not Given. \$3,000

DWELLING

(3343) W 29th AVE. 225 S Cabrillo. One - story and basement frame dwelling.
 Owner and Builder—T. E. Mohler, 626 36th Avenue.
 Architect—Not Given. \$4,000

DWELLING

(3344) E 19th AVE. 150 N Ulloa. One - story and basement frame dwelling.
 Owner and Builder—Rison Brothers, 1324 Portola Drive.
 Architect—Not Given. \$4,000

DWELLING

(3345) E 19th AVE. 125 N Ulloa. One - story and basement frame dwelling.
 Owner and Builder—Rison Brothers, 1324 Portola Drive.
 Architect—Not Given. \$4,000

DWELLING

(3346) E 19th AVE. 175 N Ulloa. One - story and basement frame dwelling.
 Owner and Builder—Rison Brothers, 1324 Portola Drive.
 Architect—Not Given. \$4,000

FLATS

(3347) S ANZA 40 E Fourth Ave. Two - story and basement frame flats.
 Owner—W. Wiander, 641 Brunswick.
 Contractor—E. Wiander, 641 Brunswick.
 Architect—Not Given. \$5,500

FLATS

(3348) SE FOURTH AVE. and Anza. Two - story and basement frame flats.
 Owner—W. Wiander, 641 Brunswick.
 Contractor—E. Wiander, 641 Brunswick.
 Architect—Not Given. \$5,500

DWELLING

(3349) S. SANTA MARINA 325 E. Gladys. One-story and basement frame dwelling.
 Owner—F. O. Carlson, 401 Clipper St.
 Contractor—A. Nelson, Inc., 242

Ocean Ave.
 Architect—Not given. \$4000

ALTERATIONS

(3350) 970 MARKET ST. Alter store.
 Owner—Frank Cator, prem.
 Contractor—Uindlin Store Fixture Co., 747 Natoma St.
 Architect—Not given. \$1000

ALTERATIONS

(3351) 2701 PIERCE ST. Alter garage.
 Owner—Chas. Kendrick, prem.
 Contractor—Moore and Madsen, 557 Market St.
 Architect—Not given. \$1000

DWELLING

(3352) W. WATERVILLE 275 N. Augusta. One-story and basement frame dwelling.
 Owner—Michael and Bommer, 762 De Haro St.
 Architect—Not given. \$3500

DWELLING

(3353) W. WATERVILLE 300 N. Augusta. One-story and basement frame dwelling.
 Owner—Michael and Bommer, 762 De Haro St.
 Architect—Not given. \$3500

DWELLING

(3354) W. WATERVILLE 250 N. Augusta. One-story and basement frame dwelling.
 Owner—Michael & Bommer, 762 De Haro St.
 Architect Not Given. \$3,500

DWELLING

(3355) E. VICTORIA 113 S. Garfield. One-story and basement frame dwelling.
 Owner—D. Noceti, 170 27th Ave.
 Architect—Not given. \$2000

DWELLING

(3356) E. VICTORIA 88 S. Garfield. One-story and basement frame dwelling.
 Owner—D. Noceti, 170 27th Ave.
 Architect—Not given. \$2000

ALTERATIONS

(3357) 776 STANYAN. Alter apartment house.
 Owner—Phil Noonan, prem.
 Contractor—J. S. Malloch, 666 Mission St.
 Architect—Not Given. \$1,000

ALTERATIONS

(3358) 407-09 8th AVE. Alter flats.
 Owner—M. Weiman, 620 22nd Ave.
 Contractor—J. F. Linder, 617 Moraga.
 Architect—Not given. \$1000

DWELLING

(3359) E PIERCE 100 S Ellis St. Two - story and basement frame dwelling.
 Owner—John Gianelli, 1000 McAllister Street.
 Contractor—Hugh Hall, 2288 3rd St.
 Architect—Not Given. \$8,000

ALTERATIONS

(3360) 124 HAROLD AVE. Alter dwelling.
 Owner and Builder—Joe Higgins, Inc. 62 Monterey Blvd.
 Architect—Not Given. \$1,000

APARTMENT HOUSE

(3361) N FULTON 100 E 26th Ave. Three-story and basement frame apartment house.
 Owner and Builder—M. J. King, 231 Franklin Street.
 Engineer—Norman B. Green, Monadnock Building. \$35,000

ALTERATIONS

(3362) 1236 CHESTNUT Street. Alter dwelling.

Owner—L. L. Maddux, premises.
Contractor—H. Papenhausen, 595 Victoria Street.
Architect—Not Given. \$1,000

ALTERATIONS
(3363) 2100 SUTTER Street. Alter apartments.

Owner—S. Sweigert, 1823 Steiner St.
Contractor—R. L. Cogle, 1910 Divisadero Street.
Architect—Not Given. \$1,900

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2532	Bottarini	Owner	3400
2533	Peel	Owner	3500
2534	Bristol	Bristol	7000
2535	Karski	Cahill	51000
2536	Ledwith	Anderson	2500
2537	Meek	Owner	3800
2538	Towslee	Dallendorfer	4000
2539	Hansen	Helmkamp	9000
2540	Uilsson	Niska	5000
2541	Roholm	Rose	1000
2542	Runde	Stead	1000
2543	Williams	Walker	1600
2544	Blabon	Owner	1750
2545	Crank	Hamill	4000
2546	Flagg	Owner	3500
2547	Fong	Dawson	2500
2548	Gildea	Hill	7000
2549	Guar. Home	Owner	4000
2550	Hubbard	Owner	3500
2551	Monte	Owner	1000
2552	Pressler	Owner	4500
2553	Bernays	Fleming	2525
2554	Dill	Stead	5000
2555	Hildebrand	Hildebrand	4750
2556	Golden	Van Ness	4300
2557	Harwood	Owner	4000
2558	Kelly	Moen	4000
2559	Konuoske	Weston	4300
2560	Reyes	Anderson	1500
2561	Berk Bd.	Parker	96300
2562	Hakala	Wright	3900
2563	Jones	De Chene	3550
2564	Larsen	Milton	4000
2565	Rosefield	Owner	9000
2566	Emley	MacGregor	2400
2567	MacGregor	Owner	2400
2568-70	MacGregor	Owner	4400
2571	MacGregor	Owner	4650
2572-4	Marshall	Owner	3000
2575	Varni	Faramla	4963
2576	Allison	Rodning	4100
2577	Houtz	Franzen	4500
2578	Peterson	Ehrman	1000
2579	Mallin	Owner	5000

ADDITIONS

(2532) 1291 GILMAN, BERKELEY.
Additions.
Owner—A. Bottarini, Box 70, Crockett.
Architect—Not given. \$3400

DWELLING
(2533) 2401 DERBY, BERKELEY.
One-story, 5-room frame dwelling and garage.
Owner and Builder—M. A. Peel, 10 Oakvale.

DWELLING
(2534) 1973 OAKCREST DRIVE, OAKLAND. One-story, 6-room dwelling.
Owner—Mark & Doris Bristol, 1038 McKinley Ave.
Contractor—Mark Bristol, 1038 McKinley Ave.
Architect—Chester Treichel, 696 Cleveland Ave. \$7000

THEATRE
(2535) 3808-14-20 HOPKINS STREET, OAKLAND. One-story concrete theatre.
Owner—A. C. Karski, c/o architect.
Contractor—Cahill Bros., 206 Sansome St., S. F.
Architect—A. A. Contin, 64 Pine St., San Francisco. \$51,000

ALTERATIONS
(2536) 5411 TELEGRAPH AVENUE, OAKLAND. Alterations.

Owner—W. P. Letchworth, 857 Contra Costa Ave., Berkeley.
Contractor—Edward L. Anderson, 1064 Neilsen St.
Architect—C. R. Lindley, 244 Kearny St., S. F.

DWELLING
(2537) 4741 WILKIE, OAKLAND. One-story, 5-room dwelling.
Owner and Builder—Jacob Meek, 1455 154th Ave.
Architect—Not given. \$3800

DWELLING
(2538) 6634 WOODLAND PLACE, OAKLAND. One-story, 4-room dwelling.

Owner—K. D. Towslee, 6634 Woodland Place.
Contractor—Geo. J. Dallendorfer, 2489 26th Ave.
One-story garage, \$200.
Architect—Not given. \$4000

DWELLING
(2539) 678 SAN FERNANDO, BERKELEY. Two-story, 7-room frame dwelling and garage.
Owner—L. W. Hansen.
Contractor—O. L. Helmkamp, 215 Arroyo Ave., San Leandro.
Architect—E. L. Snyder. \$9000

DWELLING
(2540) 85 WHITAKER, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—E. Nilsson, 1120 Keeler.
Contractor—A. Niska, 1142 Allston Way.
Architect—M. Goodman, 2163 Center. \$5000

REPAIRS
(2541) 2223 10th AVE., BERKELEY. Repair fire damage.
Owner—C. A. Roholm, 2223 10th.
Contractor—W. A. Rose, 478 25th St., Oakland.
Architect—Not given. \$1000

GARAGE
(2542) 2221 WOOLSEY, BERKELEY. Garage.
Owner—C. H. Runde, 2022 Center St.
Contractor—F. A. Stead, 3206 Boise.
Architect—Not given. \$1000

ALTERATIONS
(2543) 4 AJAX, BERKELEY. Alterations.
Owner—Williams, 4 Ajax.
Contractor—J. M. Walker, 401 Spruce.
Architect—Not given. \$1000

DWELLING
(2544) 1909 WARNER AVE., BERKELEY. One-story, 4-room dwelling.
Owner and Builder—E. R. Blahon, 2514 63rd Avenue.
One-story garage, \$75.
Architect—Not given. \$2750

DWELLING
(2545) 17027 BROADWAY, OAKLAND. Two-story, 6-room dwelling.
Owner—J. E. Crank.
Contractor—Hamill & Moier, 610 Hyde St., S. F.
One-story garage, \$200.
Architect—Not given. \$4000

DWELLING
(2546) 3521 PIERSON ST., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—A. J. Flagg, 3743 Loma Vista Ave.
Architect—Not given. \$3500

ALTERATIONS
(2547) 521 14th STREET, OAKLAND. Alter.

Owner—Dr. Fong Won.
Contractor—Lloyd S. Dawson, 1972 Tiffin Road.
Architect—Not given. \$3500

DWELLING
(2548) 6345 SNAKE ROAD, OAKLAND. One-story, 5-room dwelling.
Owner—Eva Gildea, 2409 Carlton St., Berkeley.
Contractor—Hill & Salomid, 5359 College Ave.
Architect—Not given. \$5000

DWELLING
(2549) 2359 DURANT AVE., OAKLAND. One-story, 5-room dwelling.
Owner and Builder—Guaranty Home Bldg. Co., 3275 Morcoro Ave.
One-story garage, \$200.
Architect—Not given. \$4000

DWELLING
(2550) 838 MT. BLVD., OAKLAND. One-story, 5-room dwelling.
Owner—J. F. Hubbard, 5412 Proctor Ave.
Garage, \$300.
Architect—Not given. \$3500

DWELLING
(2551) 2327 EAST 14th ST., OAKLAND. One-story, 4-room dwelling.
Owner and Builder—Louis Monte, 2327 East 14th St.
Architect—Not given. \$1900

DWELLING
(2552) 3120 HYDE ST., OAKLAND. One-story, 5-room dwelling.
Owner and Builder, Walter Pressler 1419 Excelsior Ave.
Architect—Not given. \$4500

ALTERATIONS
(2553) 304 OLIVE AVE., PIEDMONT. Alterations.
Owner—Mrs. Bernays, 304 Olive Ave.
Contractor—John Fleming, 2248 Coloma Ave.
Architect—Not given. \$2,525

DWELLING
(2554) 516 SANTA BARBARA, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—L. Dill, 527 San Luis.
Contractor—F. A. Stead, 3206 Boise.
Architect—A. K. Hunter, 2627 Garber. \$5000

DWELLING
(2555) 1199 GRIZZLY PEAK, BERKELEY. One-story, 5 room frame dwelling and garage.
Owner—Keith Hildebrand, 2901 1/2 Wheeler.
Contractor—C. G. Hildebrand, 2164 Hearst.
Architect—Not given. \$4750

DWELLING
(2556) 1418 29th AVE., OAKLAND. Two-story, 5-room dwelling.
Owner—W. L. Golden, Oakland.
Contractor—Gene B Van Ness, 4331 Masterson St.
Architect—Not given. \$4300

DWELLING
(2557) 6300 LAIRD AVE., OAKLAND. One-story, 5-room dwelling.
Owner—Wm. P. Harwood, 3514 Lyon Ave.
Architect—Not given. \$4000

DWELLING
(2558) 2307 107th AVE., OAKLAND. One-story, 5-room dwelling.

Owner—Alben S. Kelly, 2315 10th Avenue.
Contractor—Ole Moen, 3201 Wyman Street.
Architect—Not given. \$4000

DWELLING
(2559) 2 EUSTICE AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—C. A. Kouousske.
Contractor—John O. Weston, 1729 Grove St., Berkeley.
Architect—Not given. \$4300

REPAIRS
(2560) 6965 CHABOT ROAD, OAKLAND. Repairs.
Owner—Juliet Reyes, 6965 Chabot Road.
Contractor—Geo. W. Anderson, 211 Hanover Ave.
Architect—F. H. Slocombe, Oakland. \$1500

SCHOOL BLDG.
(2561) 1645 MILVIA, BERKELEY.
Two-story, 7-room school bldg.
Owner—Berkeley Board of Education, 2325 Milvia.
Contractor—K. E. Parker Co., 135 So. Park St., S. F.
Plans by—W. Adrian, Eng. \$98,300

DWELLING
(2562) 1704 10th, BERKELEY. One-story, 3-room frame dwelling and garage.
Owner—E. Hakala, 1708 10th.
Contractor—Wright & Gustafson, 2568 Kempton Ave., Oakland.
Architect—Not given. \$3000

DWELLING
(2563) 6549 SNAKE ROAD, OAKLAND. One-story, 5-room dwelling.
Owner—J. M. Jones, Jr.
Contractor—E. R. De Chene, 361 17th Street.
Architect—Not given. \$3850

DWELLING
(2564) 2598 TRUMAN AVE., OAKLAND. Two-story, 6-room dwelling.
Owner—A. O. Larsen.
Contractor—C. E. Milton, 3408 65th Ave.
Architect—Not given. \$4000

DWELLING
(2565) 6449 ESTATES DRIVE, OAKLAND. Two-story, 7-room dwelling.
Owner—J. Rosefield, 5865 Margarido Drive.
Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave.
Architect—Alhen Froberg 1955 Webster St. \$9000

DWELLING
(2566) 617 POMONA, ALBANY. One-story, 4-room frame dwelling.
Owner—Dorothy M. Emlay, 1391 Solano.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2400

DWELLING
(2567) 525 EVELYN AVE., ALBANY. One-story, 4-rm. frame dwelling.
Owner and Builder, C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2400

DWELLING
(2568) 612 KEY ROUTE BLVD., ALBANY. One-story, 6-room frame dwelling.
Owner and Builder—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$4400

DWELLING
(2569) 616 KEY ROUTE BLVD., ALBANY. One-story, 6-room frame dwelling.
Owner and builder—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$4400

DWELLING
(2570) 620 KEY ROUTE, ALBANY. One-story, 6-room frame dwelling.
Owner and builder—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$4400

DWELLING
(2571) 1130 BRIGHTON, ALBANY. One-story, 6-room frame dwelling.
Owner and builder—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$4650

DWELLING
(2572) 743 CERRITO, ALBANY. One-story, 5-room frame dwelling.
Owner and builder—Harry E. Marshall, 1230 Marin

DWELLING
(2573) 745 CERRITO, ALBANY. One-story, 5-room frame dwelling.
Owner and builder—Harry E. Marshall, 1230 Marin.
Architect—Not given. \$3000

DWELLING
(2574) 905 WASHINGTON, ALBANY. One-story, 5-room frame dwelling.
Owner and builder—Harry E. Marshall, 1230 Marin.
Architect—Not given. \$3000

DWELLING
(2575) 807 CERRITO, ALBANY. One-story, 5-room frame dwelling.
Owner—S. J. Varnl.
Contractor—John Faramia, 827 Madison St.
Architect—Not given. \$4963

DWELLING
(2576) 3106 WISCONSIN ST., OAKLAND. One-story, 5-room dwelling.
Owner—J. D. Allison, 4130 Waterhouse Road.
Contractor—K. O. Rodning, 430 Football Blvd.
Architect—Not given. \$4100

DWELLING
(2577) 3026 CURRAN AVE., OAKLAND. One-story, 5-room dwelling.
Owner—Glenden E. Hontz.
Contractor—Carl H. Franzen, 1445 Webster St.
Architect—Not given. \$4500

ADDITION
(2578) 2011 45th AVE., OAKLAND. Addition.
Owner—A. Peterson, 2011 45th Ave.
Contractor—J. P. Ehrman, 3249 Montana St.
Architect—Not given. \$1000

DWELLING
(2579) 5295 HARBORD DRIVE, Oakland. One-story, 5-room dwelling.
Owner and Builder—Folke Wallin, 7529 Outlook Ave.
Architect—Not given. \$5000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

294 El Cortez Giampolini 1080
295 Texas Co. Early Jr. 3300

PAINTING
(394) NW GEARY BLVD and Shannon Place. Exterior painting and waterproofing of hotel.

Owner—El Cortez Hotel Corp.
Contractor—Giampolini & Co.
Filed, Oct. 22, '38. Dated Oct. 19, '38.
On 1st and 15th of month..... 75%
Usual 35 days 25%
TOTAL, \$1,080
Bond, \$1080. Sureties, Standard Accident Insurance Co. Forfeit, \$20 per day. Limit, Nov. 9, 1938. Specifications filed.

SERVICE STATION
(395) LOTS 13 & 14, assessor's Blk. 5017, formerly Blk. 609, or Bayview No. 5, Paul Tract, C. & C. of S. F. Construct service station.
Owner—The Texas Co., Hearst Bldg.
Contractor—Fred J. Early, Jr., 369 Pine Street.
Filed Oct. 25, '38. Dated Oct. 19, '38. Not specified.

TOTAL, \$3300
Bond, \$3300. Sureties, Maryland Casualty Co. Limit, 14 days. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
242	Suey	Webb	790
243	P. G. & E.	Michel	
244	Bk. of Amer.	Brass	3306
245	Skaggs	Nordstrom	11860

246	Gamberutti	Hill	4000
247	Borland	Beckett	5500

GARAGE
(242) 618 ALICE ST., Oakland. Garage.
Owner—Lee Suey.
Architect—Not Given.
Contractor—Webb & Whalin.
Filed, Oct. 20, '38. Dated Oct. 17, '38.
Completion \$250.00
Balance in 4 months.
TOTAL COST, \$790.00
Limit, 15 days.

(243) MOLE SUBSTATION. Eight metal housings for transformer busco and 4 sheet metal ducts for Mole Substation.
Owner—P. G. & E.
Contractor—Michel & Pfeffer Iron Works Inc.
Filed Oct. 24, '38. Dated Oct. 19, '38.
15 days after completion..... 85%
Usual 35 days 15%
TOTAL—Not given.
Bond, \$2000. Sureties, American Bonding Co. of Baltimore. Limit, 25 days.

ALTERATIONS
(244) SEMINARY AVE. BRANCH. Alterations and additions.
Owner—Bank of America Nat. Tr. & Sav. Assn.
Contractors—Braas & Kuhn Co.
Filed Oct. 24, '38. Dated Oct. 17, '38.
First and 15th day each month, labor and material 75%
Usual 35 days 25%
TOTAL, \$3306.00
Bond \$3306. Sureties, Massachusetts Bonding & Inc. Co. Forfeit, \$20 per day. Limit, Dec. 5, 1938. Plans and specifications filed.

BUILDING
(254) SOLANO & COLUSA AVES., BERKELEY. Reinforced concrete 1-story bldg.
Owner—M. B. Skaggs, 6 Seaview.
Architect—Frederick Soderberg, 341 17th.
Contractor—David Nordstrom, 354 Hobart.
Filed Oct. 25, '38. Dated Oct. 24, '38.
Concrete walls poured \$2860
Roof complete and ready for plaster \$3000
Completion \$3000
Usual 35 days \$3000
TOTAL \$11860

Bond, \$11,860.00. Sureties, Maryland Cas. Co. Limit 55 days. Plans and specifications filed.

RESIDENCE

(246) LOT 8, BLK 8, Iveywood Ext. Oakland Residence.

Owner—Jos. Gamberutti.

Contractor—Richard R. & Etta M.

Hill.
Filed Oct. 26, '38. Dated Sept 10, '38.
Frame up \$1000
Plastered \$1000
Completion \$1000
Usual 35 days \$1000
TOTAL, \$4000

Bond, \$4000. Sureties, Maryland Cas. Co. Limit, 60 days; Plans and specifications filed.

ALTERATIONS

(247) S.E. COR. BROADWAY AND 12th St., Oakland. Alterations.

Owner—Distributes of the Agnes Borland Estate.

Architect—Wm. E. Milwain.

Contractor—A. T. Beckett.

Filed Oct. 26, '38. Dated Oct. 26, '38
25% work completed 25%
50% work completed 50%
75% work completed 75%
100% work completed 100%
TOTAL, \$5500

Limit, 60 days.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER garage, \$60; 50 San Buenaventura; owner, F. Caldwell, 50 San Buenaventura; contractor, L. H. Baker, 101 Palm Ave., Milbrae.

ALTER flats, \$200; 16 Sonoma; owner, Cristina Forti, premises.

GARAGE, frame, \$250; 1401 Vermont St.; owner, Wm. McNamara, 1401 Vermont; contractor, Joe Yrigoyen, 31 Thornton.

ALTER dwelling, \$930; 2038 20th Ave. owner, Karoline Andersen, prem. contractor, Modernization Co. of Calif., 3601 Geary Blvd.

ALTER flats and apts., \$500.00; 332 Guerrero St.; owner, Gus Beltrami, 690 Guerrero St.

ALTER dwelling, \$500; 2604 Sacramento St.; owner, Catherine Lawlor, prem.; contractor, California Home Imp. Co., 393 9th St.

POLE, barber, \$50; 154 Leavenworth St.; owner, Sam Barramian, 154 Leavenworth St.

ALTER flats, \$100; 382 Green Street; owner, Joe Presto, premises.

ALTER store, \$375; 2655 Balboa St.; owner, Modesto Boragno, prem.; contractor, Frank J. Reilly So., 6350 Fulton St.

ALTER dwelling, \$800; 2502 Washington St.; owner, S. Chamorro, prem.; contractor, Calif. Home Imp. Co., 393 9th St.

ALTER garage, \$60; 265 Santa Clara Ave.; owner, C. Harding, prem.; contractor, L. H. Baker, 101 Palm Ave., Milbrae.

ALTER apts., \$175; 701 Parker Ave.; owner, R. A. Skidmore, premises; contractor, Alf. Gough, 10 Washburn St.

ALTER flats, \$300; 929-27 Fulton; owner, T. T. Thackeray, 1238 Washington St.

ALTER office and home, \$475; 462 Fillmore St.; owner, Kelping Society, premises; contractor, John Hink, 1459 Van Ness Ave. South.

ALTER dwelling, \$730; 3251 Market; owner, Walter Jensen, premises; contractor, Modernization Co. of Calif., 3601 Geary Blvd.

ALTER dwelling, \$800; 2604 Sacramento; owner, Catherine Lawlor, premises; contractor, California Home Imp. Co., 393 9th St.

ALTER dwelling, \$393; 2371 33rd Ave. owner, J. G. Bresnahan, prem.; contractor, Berg Bros., 854 35th Avenue.

ALTER dwelling, \$200; 2230 Green; owner, Mrs. Mary F. Barron, 2232 Green St.

ALTER parking lot, \$450; N Turk 107 E Jones St.; owner, Allec Miller, 74 Turk St.; contractor, A. F. Mattock Co., 212 Clara St.

FLUE, \$20; 139 Girard; owner, E. Finkelstein, 137 Girard; contractor, W. Burinani, 2555 San Bruno.

FLUE, \$50; 616 Arlington; owner, H. B. Barber, 225 College Ave.; contractor, Ideal Vent. & Sheet Metal Works, 1938 Howard St.

ALTER plat, \$350; 300 Broadway; owner, Printers' Bldg. Inc., 300 Broadway; contractor, S. A. Giusti Co., 200 Green St.

ALTER restaurant, \$200; 1268 Grant Ave.; owner, V. Barbetta, 599 Vallejo St.; contractor, Rome Carpenter Shop, 1659 Powell St.

SIGN, electric, \$325; 101 Fremont St. owner, Berkshire Knitting Mills, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$580; 733 Arguello Blvd.; owner, Wm. and Isabelle Moyle, 733 Arguello Blvd.; contractor, Modernization Co. of California, 3601 Geary Blvd.

FLUE, \$30; 4799 Mission St.; owner, Rex Drug Co., premises; contractor, John A. Marshall, 4447 Mission Street.

ALTER sheet metal shop, \$150; 265 Shipley St.; owner, A. Broderick 1730 9th Ave.

ALTER dwelling, \$400; 67 Gladys; owner, Homer K. Pitman, 22 Hill St.; contractor, C. W. Roberts, 42 Fair Ave.

ALTER dwelling, \$110; 24 25th Ave.; owner, O. D. Green, prem.; contractor, Peary & Grantham, 4245 Geary Blvd.

SIGN, electric, \$350; 517 Market St.; owner, Business Equip. Co., 517 Market St.; contractor, Electrical Prod. Corp., 910 Harrison St.

ALTER dwelling, \$500; 323 19th Ave. owner, Gunnar Nelson, premises contractor, Calif. Home Imp. Co. 393 9th Ave.

ALTER restaurant, \$450; 229 Bay Shore Blvd.; owner, Gus Klein, prem.; contractor, Henry G. Schwahn, 222 Castro St.

ALTER dwelling, \$425; 2917-19 California St.; owner, A. P. Maurer, 2921 California St.

SIGN, electric, \$150; 6849 California St.; owner, Sea Cliff Market, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, \$250; 1170 Sutter St.; owner, H. Olsen, prem.; contractor, Brumfield Elec. Co., 965 Folsom St.

ALTER stores and apts., \$600; 401 Divisadero St.; owner, Hastings Trust Estate, 369 Pine St.; contractor, Fred J. Early, Jr., 369 Pine St.

ALTER pharmacy, \$200; 253 Third St.; owner, Towle Estate Co., Bank of America Bldg., Berkeley.

ALTER bar, \$150; 501 Jones Street; owner, Dennis Lynch, prem.; contractor, Chas. D. Grolle, 124 Lily Street.

SIGN, electric, \$150; 732 Jackson St.; owner, East Garden, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER store, \$270; 200 Eddy Street; owner, Geo. Kappas, prem.; contractor, Royal Show Case Co., 770 McAllister St.

BILLBOARD, \$13; E. Presidio 100 N. Geary St.; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER lodge, \$150; 380 18th Avenue; owner, Leon LaBorrie, 500 Ellis St.; contractor, San Francisco Show Case Co., 632-4 McAllister Street.

SIGN, electric, \$250; 628 Divisadero St.; owner, Elite Corp., prem.; contractor, Brumfield Elec. Co., 965 Folsom St.

ALTER dwelling, \$380; 1309 Kearny St.; owner, Jos. Lopez, 53 John St.; contractor, Arnke Iron Wks., 780 Brannan.

ALTER dwelling, \$550; 1230 5th Ave; owner, John and Grace Snow, prem.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.

ALTER dwelling, \$500; 705 Capp St.; owner, M. Schuler, prem.; contractor, Donnelly Roofing Co., 652 Fulton St.

ALTER dwelling, \$350; 2330 Vallejo St.; owner, Lillian McNulty, 2324 Vallejo St.; contractor, Vincent Whitney Co., 130 10th St.

SIGN, electric, \$25; 2800 San Bruno; owner, Colosina Serv. Sta., 2800 San Bruno; contractor, Wonderlite Neon Prod. Co., 170 Otis.

SIGN, electric, \$100; 33 Kearny St.; owner, Chester Leaf, prem.; contractor, W. B. Baker and Co., 15 Harriet St.

ALTER flats, \$200; 3878 Army St.; owner, Charley Bianchi, prem.

SIGN, electric, \$300; 802 Kearny St.; owner, Station Club, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 150 Sutter St.; owner, Standard Linoleum, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$170; 938 Taraval St.; owner, Taraval Coffee Shop, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

SIGN, electric, \$450; 2615 Mission St.; owner, Downey Flake, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 2346 Chestnut St.; owner, Marina Gift Shop, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$300; 2230 Polk St.; owner, Standard Linoleum, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$100; 6698 Geary Blvd.; owner, Schott Bros., prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, \$400; 4600 Geary St.; owner, Oscar Kohlhard, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

ALTER dwelling, \$40; 675 Alvarado; owner, Thomas Gainie, prem.

SIGN, electric, \$100; 2799 Taylor St.; owner, Bell Peto Co., prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$300; 33 California St.; owner, Paddy Ryan, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$175; 1734 Irving St.; owner, J. A. Fernandez, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. South.

SIGN, electric, \$100; 468 Brannan; owner, Bellino & Alberta, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER store, \$200; 128 Waverly Pl.; owner, W. F. Doon, 37 Waverly Pl.; contractor, Wong Chee Kee, 890 Washington St.

ALTER dwelling, \$200; 572 40th Ave. owner, Katherine Rohns, prem.; contractor, Standard Conc. Const. Co., 3035 Geary Blvd.

ALTER dwelling, \$800; 1842 21st Avenue; owner, Louis Strom, prem.; contractor, Tom Cuthbertson, 430 Noriega.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Jails |

1—APARTMENTS

Sub Contracts Awarded
APARTMENTS Cost, \$26,425
SAN JOSE, Santa Clara Co., Calif.
 Construction of frame and stucco apartment house (9 apts.).

Owner—A. Campagna, 2nd and Santa Clara St.

Architect—Not given.
 Contractor—V. J. Sunzerl, 176 No. 31st Street, San Jose.

Plumbing—O. J. Clewett, 130 Boston Avenue.

Electric Wiring—J. Santora Electric Shop, 31 Page St.

Heating—Western Sheet Metal Wks., 393 Santa Clara St.

Hardwood Floors—Floor Service Co., McLaughlin Ave. near Storey Rd.

Lumber—Crescent Lumber Co.
Mill Work—Pacific Mfg. Co., Santa Clara.

Lathing & Plastering—G. Romani & Sons, 1046 W. San Fernando St.

All of San Jose, unless otherwise noted. 1

Preparing Preliminary Plans
APARTMENTS
CARMEL, Monterey Co., Calif.
 Two-story apartment house.
 Owner—Withheld.
 Architect—Guy O. Koepff, P. O. Box 644, Carmel.

4—FABRIQUES & WAREHOUSES

Sub-Contracts Awarded
ADDITION Cost, \$.....
SAN FRANCISCO, Seventh and Irwin Streets.

Addition to plant.
 Owner—Standard Oil Company.
 Plans by Engineering Dept. of Owner
 Contractor—Lindgren & Swinerton, Inc., 225 Bush Street.

Reinforcing Steel—Gilmore Fabricators, Inc., 821 Folsom St.

Glass—W. P. Fuller & Co., 301 Mission Street.

Structural Steel—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Sts.

Mill Work—J. A. Hart Mill and Lumber Co., Jerrold and Napoleon.

Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Concrete Mix—Golden Gate Atlas Materials Co., 16th and Harrison.

Lumber—Christenson Lbr. Co., Quint and Evans Ave. 4

6—GARAGES & SERVICE STATIONS

Sub Contracts Awarded
SUPER SERVICE STATION
WATSONVILLE, Santa Cruz County, Calif.

Construction of new super service station.

Owner—Union Oil Company of Calif. Plans by Eng. Dept. of Owner.
 Contractor—Ralph S. Friend, P. O. Box 743, Watsonville.

Plumbing—Martin & Gleason, 20 Tharpe Ave., Watsonville.

Electric Wiring—The Electric Shop, 450 Main St., Watsonville.

Sheet Metal, Glass, Iron and Steel Work—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.

Grading & Foundations—Granite Construction Co. Ltd., Box No. 9, Watsonville.

Lumber & Mill Work—Hammond Lumber Co., Watsonville.

Hardware—Chas. Ford Co., 407 Main St., Watsonville.

Painting—Darrell T. Stewart, Santa Barbara.

Construction Underway
SERVICE STATION

PALO ALTO, Santa Clara Co., Calif., near Stanford Campus.

Gasoline service station.
 Owner—Shell Oil Co., 100 Bush St., San Francisco.

Plans by Eng. Dept. of Owner.
 Contractor—V. M. Henrietta, 2929 21st Ave., S. F.

7—FEDERAL BUILDINGS

LOW BIDDER

CANAL ZONE—Tucker-McClure Co., Balboa, at \$749,700 (1st item) and \$749,700 (2nd item) submitted low bids to the Bureau of Yards & Docks, Navy Department, Washington, D. C. for 24 apartment houses, four quarters for offices and two transformer houses at the Naval Submarine and Fleet Air Bases, Coco Solo, C. Z., and at the Fifteenth Naval District Headquarters, Balboa, C. Z. Spec. 8843.

CONTRACT AWARDED

SAN DIEGO, Calif.—Los Angeles Contracting Co. and O. W. Karn, 4816 W. Pico Blvd., Los Angeles, awarded contract by the Bureau of Yards & Docks at \$302,300 (work complete) for construction of aviation facilities at the 11th Naval Dist. (Fleet Training Base), San Clemente Island; Spec. 8940. The contract for this project, awarded to Fred F. Greenfield Co. on October 11, was rescinded.

LOW BIDDERS

SAN DIEGO, Cal.—V. L. Browning Co., Willoughby, Ohio, at \$77,150 submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for diesel-electric portal crane consisting of revolving hinged jib, A-frame, and machinery house mounted on traveling gantry at the Naval Operating Base (Destroyer Base), San Diego; Spec. No. 8937.

Second and third low bids submitted by R. W. Katelnbach Company at \$79,980 and Star Iron & Steel Co. at \$83,900.

LOW BIDDERS

SAN DIEGO, Calif.—Shannahan Bros., Inc., 6193 Maywood Avenue, Huntington Park, at Item 1, \$232,843; Item 2, \$243,830; Item 3, \$254,733; Item 4, \$265,455; Item 5, \$282,853; Item 6, \$294,985; Item 7, \$304,437, submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., for construction of concrete pier 750 feet long and 60 feet wide with tracks, pipe and electric service lines at the Naval Operating Base (Destroyer Base), San Diego; Spec. 8840.

Second and third low bidders follow:

Frank Doran and F. W. Steffgen, San Diego, (1) \$237,978; (2) \$248,378; (3) \$260,478; (4) \$278,678; (5) \$296,478; (6) \$315,378; (7) \$330,478.

Robert E. McKee, Los Angeles, (1) \$260,000; (2) \$273,000; (3) \$286,000; (4) \$304,000; (5) \$317,000; (6) \$330,000; (7) \$337,000.

BIDS OPENED

RENO, Nev.—J. Christianson, Reno at \$375,000 submitted low bid to the Supervising Supt. of Veterans Administration Facility, Palo Alto, Cal., for interior damp-proofing in basement, first, and second floors of Treatment Building No. 1, at Veterans Administration Facility, Reno. Work involves 8,000 sq. ft., more or less.

Complete bids follow:
 J. Christianson, Reno.....\$375,000
 Hoffman & Son, Reno.....400,000
 N. V. Heathorn, Oakland.....480,000
 Alta Roofing Co., S. F.....519,000
 (902) 1st rep. Oct. 25, 1938. * 7

BID OPENING POSTPONED

SAN FRANCISCO.—Until Nov. 4, 10 A. M., (postponed from October 26, 10 A. M.) bids will be received by the War Department, Office of the Constructing Quartermaster, San Francisco and vicinity, Fort Mason, Calif., for construction of one 250-men barracks and one 263-men barracks; estimated cost, \$275,000.

Plans obtainable upon deposit of certified check in the amount of \$25, payable to the Finance Officer, Fort Mason, Calif.

Bids must be accompanied by bid bond in the amount of 10% of bid.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 23, 10 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, Major F. D. Jones, San Francisco and vicinity, Fort Mason, Calif., for construction and completion of one Bakers' and Cooks' School and Barracks and one commissary and warehouse at Presidio of San Francisco.

Plans and specifications may be obtained upon deposit of \$15 certified check payable to Finance Officer, Fort Mason.

Bids must be accompanied by bid bond in the amount of 10% of bid.

CONTRACT AWARDED

BETHEL, Alaska.—J. B. Warrack Company, 616 Third Ave., Seattle, Wash., at \$150,453 (under Item 1, and alternates 3, 4, 5, 6, 9, and 11) awarded contract by the Purchasing Officer, Department of Interior, Washington, D. C., for construction of hospital, physician's cottage, oil storage house, all frame construction of wood piling which will be set by government. 7

BIDS WANTED

RENO, Nevada.—Until November 1, 2:30 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans' Administration, Palo Alto, Calif., for furnishing and installing marble work and slate for stairways in Treatment Building No. 1, Veterans Administration Facility, Reno, Nev.

Specifications obtainable from the Veterans Administration Facility, Palo Alto.

BIDS WANTED

RENO, Nevada.—Until November 1, 2:30 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans' Administration, Palo Alto, Calif., for furnishing and installing tile floor and base in Treatment Building No. 1, Veterans Administration Facility, Reno, Nev.

Specifications obtainable from the Veterans Administration Facility, Palo Alto.

CONTRACT AWARDED

RENO, Nevada.—Ralph Tyler, 524 E. 7th St., Reno., at \$5,196, awarded contract by the Veterans Administration Facility, Washington, D. C., for lathing and plastering at Veterans Administration Facility, Reno, Nevada, Treatment Building No. 1.

CORRECTION

SAN FRANCISCO.—Henry Ernst & Sons, 551 Hayes St., San Francisco, at \$6,700 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for heating and ventilating repairs at the U. S. P. O., and Court House, San Francisco. Only other bid submitted by M. Desiano, San Francisco, at \$6,963. Scott Co., Inc., S. F. submitted a late bid.

Second low bidder previously reported in error as low bidder.

**Contract Awarded
POST OFFICE**

Cont. Price, \$54,913

CANOGA PARK, Los Angeles Co., United States Post Office.

Owner—U. S. Government.

Plans by Supervising Architect of Treasury Department, Washington, D. C.

Contractor—Campbell Const. Co., 5388 Alhambra Ave., L. A.

CONTRACT AWARDED

MARYSVILLE, Yuba Co., Calif.—Henry L. Grohne, Decatur, Ill., at \$3,478 awarded contract by the Procurement Division, Public Buildings Branch, Wash., D. C. for lowering sub-soil drains, exterior painting and miscellaneous repairs at the U. S. P. O., at Marysville. 7

BIDS WANTED

SALINAS, Monterey Co., Calif.—Until Nov. 16, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a signal system at the U. S. P. O., at Salinas.

Specifications may be obtained from the above office and from the Custodian of the building at Salinas.

Previously announced that custodian would receive bids. 7

CONTRACT AWARDED

MARE ISLAND, Solano Co., Cal.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$229,675 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steel framework for foundry building, 180 feet wide by 408 feet long, an out-side overhead crane runway and crane runways for interior cranes at the

Navy Yard, Mare Island; Spec. No. 8816.

As previously reported, Bethlehem Steel Co., Alameda, at \$231,600, and Judson-Pacific Co., San Francisco, submitted second and third low bids.

Complete bids will be published shortly.

BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 10, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. 8934, for North Extension to Final Assembly Shop at the Naval Operating Base (Air Station), San Diego.

Work consists in general of an extension to an existing I-story building. The extension will have a first floor area of approximately 96,000 square feet. The work will include concrete; steel and iron work; corrugated asbestos siding; roofing and sheet metal work; steel windows; steel doors; plastering work; carpentry work; plumbing, air, steam and electric systems.

Bidding data obtainable from the Public Works Officer, upon deposit of \$20, check or postal money order payable to the Chief of the Bureau of Yards and Docks. * 7

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until November 4, 2 P. M., bids will be received by the War Department, Constructing Quartermaster, Sacramento Air Depot, for construction and completion of Garage Bldgs. at the Air Depot; Spec. No. 323-E.

Plans and specifications obtainable upon deposit of certified check for \$5 payable to the Finance Officer, U. S. Army, Fort Mason, Calif. (889) * 7

COMPLETE BIDS

MARE ISLAND, Solano Co., Cal.—As previously reported, Moore Dry Dock Co., foot of Adeline St., Oakland, at \$229,675 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steel framework for foundry building, 180 feet wide by 408 feet long, an outside overhead crane runway and crane runways for interior cranes at the Navy Yard, Mare Island; Spec. No. 8816.

Complete bids follow:

Moore Drydock Co., Oakland	\$229,675
Bethlehem Steel Co., Bethlehem, Pa.	231,500
Judson Pacific Co., S. F.	239,943
Steek Const. Co., Birmingham Alabama	243,296
American Bridge Co., Washington, D. C.	245,493
Herrick Iron Works, Oakland	247,000
J. H. Pomeroy & Co., S. F.	256,563
Western Steel Erecting Co., Los Angeles	258,500
Oscar Daniels Co. and Duffin Iron Co., Chicago	263,172
Minneapolis - Moline Power Improvement Co.	273,450
Wisconsin Bridge & Iron Co., Milwaukee	276,738

BIDS WANTED

PEARL HARBOR, T.H.—Until Nov. 10, 11 A. M., bids will be received by the Public Works Officer, Navy Yard, Pearl Harbor, T. H., for swimming pool and handball courts at the Naval Fleet Air Base, Pearl Harbor, T. H., Spec. No. 8944. Est. cost, \$21,500.

Work includes excavation, concrete work, concrete hollow tile, carpentry, roofing and sheet metal, plastering and stucco, metal windows, tile work, plumbing, wire fencing, diving bds., electric work and painting.

Drawings may be obtained from

the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor, T. H., or from the Commandant, Twelfth Naval Dist., Federal Office Bldg., Civic Center, San Francisco, Calif., or from the Commandant, 11th Naval Dist., San Diego, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 8, 2 P. M., bids will be received by the Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco, for furnishing and installing low water cut outs for boilers.

Specifications obtainable from the Custodian of the building. (891) * 7

BIDS WANTED

FORT LEWIS, Wash.—Until Nov. 9, 11 A. M., bids will be received by the Constructing Quartermaster, Capt. E. J. Antonovich, Fort Lewis, for construction of a hospital bldg. at McChord Field.

Plans and specifications obtainable from the Constructing Quartermaster upon deposit of certified check in the amount of \$25. * 7

BID OPENED

HICKAM FIELD, T. H.—Robert E. McKee, 4700 San Fernando Road, W. Los Angeles, at \$63,500 submitted only bid to the Constructing Quartermaster, Fort Mason, Calif., Oct. 21, for construction of the Fire Station and Guardhouse at Hickam Field, T. H.

Bids opened simultaneously by the Constructing Quartermaster, Fort Shafter, Hawaii. Two low bids received there were:

Ralph E. Wooley, Honolulu, \$77,970.
Geo. E. Freitas, Honolulu, \$79,000.

9— HOSPITALS**BIDS WANTED**

REDWOOD CITY, San Mateo Co., Cal.—Until November 7, 10 A. M., bids will be received by the County of San Mateo, E. A. Rolison, Purchasing Agent, Court House, Redwood City, for painting the community hospital nurses' home, tuberculosis pavilion, and power house.

Specifications obtainable from the above office. * 9

Sub Contracts Awarded

HOSPITAL ADDITION
FORT BRAGG, Mendocino Co., Cal. Two-story and basement frame and Redwood siding addition to the Redwood Hospital.

Owner—Redwood Hospital Assn.
Architect—John Easterly, Healdsburg and Santa Rosa.

Contractor—F. W. Nelson, Ft. Bragg.
Roofing—Herman G. Runkel, 111 W. Perkins St., Ukiah.

Electric Wiring—Norman A. Russell, 822 College Ave., Santa Rosa.

Sheet Metal—Windlxn Hardware Co., 846 Main St., Fort Bragg.

Tile Work—B. J. Johansen, Ft. Bragg.
Lumber—Union Lumber Co., Fort Bragg.

Mill Work—South City Lumber and Supply Co., South San Francisco.
Painting—R. H. Wildenrad, Box 655, Fort Bragg.

Linoleum—West Coast Linoleum and Carpet Stores, 2703 Mission St., San Francisco.

Contracts Awarded
HOSPITAL ADDN. Cont. Pr., \$96,444
FRESNO, Fresno Co., Calif.

Addition of new brick kitchen wing at the Fresno County General Hospital.

Owner—County of Fresno, c/o county clerk, Courthouse, Fresno.
 Architect—Fred L. Swartz, Brix Bldg. Fresno.

Contractor—Trehwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
 mangrum, Holbrook & Elkus, Golden Gate Ave. and Hyde St., San Francisco, at \$17,084 awarded contract for kitchen equipment.

Sub-Contracts Awarded
HOSPITAL ADD. Cont. Pr. \$96,444
FRESNO, Fresno Co., Calif.
 Addition of new brick kitchen wing at Fresno County General Hospital.

Owner—County of Fresno, c/o County Clerk, Courthouse, Fresno.
 Architect—Fred L. Swartz, Brix Bldg. Fresno.

Contractor—Trehwhitt-Shields & Fisher, Pacific Southwest Building, Fresno.

Plumbing and Heating—Victor J. Cox
 2820 Tulare St.

Glass & Glazing—W. P. Fuller and Co.
 1246 Fulton St.

Structural & Reinf. Steel, Steel Sash, Misc. Iron—Kyle & Co., 346 G St. Electric Work—Robinson Elec., 136 N Van Ness Ave.

Masonry—Paul Kindler, 1646 Hedges. Tile Work—Premier Tile & Marble Company.

Lathing and Plastering—Joseph Masi, 515 Chandler.

Steel Lockers—Worley & Co., 39 Natoma St., San Francisco.

Roofing—C. L. Frost, 165 Webster, Monterey.

Linoleum—E. Gottschalk & Co., Inc., Fulton and Kern Sts.

Lumber—Daugherty Lumber Co., 189 Napoleon St., San Francisco.

Transit Mix Concrete—Grant - Pacific Rock Co., 509 T. W. Patterson Building.

Mill Work—Hollenbeck-Bush Planing Mill, P. O. Box 605.

Sheet Metal—Z. Z. Dowd, 4335 Illinois Avenue.

Elevators—Otis Elevator Co., 931 Van Ness Avenue.

Accordion Door Hardware — Valley Lumber Co., P. O. Box 1341.

Insulation and Refrigerator Doors—Cork Insulation Co., Inc., 462 Bryant St., San Francisco.

All of Fresno, unless otherwise noted.

12— POWER PLANTS

Sub Contracts Awarded
DIAL UNIT Cost, \$.....
NORTH SACRAMENTO, Sacramento Co., Calif. Rio Linda Blvd. and Nogales Street.

One-story brick and frame dial concentration unit (37x47-ft.), tile front.

Owner—Pacific Telephone and Telegraph Co.

Plans by Engineering Dept. of Owner
 Contractor—Lawrence Const. Co., 5372 Ninth Ave., Sacramento.

Roofing—Sacramento Roofing Co., 12th and No. B Sts.

Plumbing & Heating—A. S. Sweet, 112 W. Bassettlaw Ave.

Sheet Metal—Park Sheet Metal Wks., 2562 Sacramento Blvd.

Glass—T. E. Cain Inc., 2416 "J" St. Iron Grille Work—Alling Iron Works, 2415 Fifth St.

Lumber and Hardware — Diamond Match Co., 2826 "Q" St.

Mill Work—Sierra Mill and Lumber Co., 2nd and V Sts.

Concrete—Perkins Gravel Co., 1846 37th St. All of Sacramento.
 (633) 1st rep. Sept. 9; 3rd, Oct. 5, 1938. 12

**13— PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

Bids Opened
CITY HALL
MARYSVILLE, Yuba Co., Calif. SW
 corner of Sixth and C Streets.

Two-story Class B City Hall building (13,800 sq. ft. of floor space), to contain city offices and city jail and furnishing and installing of jail equipment in same building.

Owner—City of Marysville, (Chester O. Gates, City Clerk).

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
 Low bidder: Taber & Higgins, P. O. Box 708, Oroville, \$86,850.

Recommendation made to PWA that contract be awarded the low bidder on basic bid, not including any alternate proposals.

Complete basic bids follow:
 Taber & Higgins, Oroville, \$86,850.

Moore & Roberts, S. F., \$87,923.
 Azevedo Constr. Co., Sacramento, \$90,380

Campbell Constr. Co., Sacramento, \$90,958.

C. A. Otto, Stockton, \$96,967.
 Holdener Constr. Co., Sacramento, \$97,415.

Lawrence Constr. Co., Sacramento, \$101,666

C. A. Hillberg, Turlock, \$114,643.
 Pacific Electric Mfg. Corp., 5815 3rd St., San Francisco, at \$13,012, which includes deduction of Prop. 2, of \$513, was recommended to PWA for award of contract for jail equipment. The low bid of Pauly Jail Building Equip. Co., of \$12,543 was not considered due to an irregularity in the bid. Only other bid submitted by Palm Iron Works, at \$14,700.

(928) 1st rep. June 22; 6th. Oct. 20, 1938 * 13

Low Bidders
CITY HALL
BELLINGHAM, Washington.

Construction of new City Hall Bldg. Owner—City of Bellingham (Harry O. Binzer, Comptroller).

Architect—Lennard W. Bindon, Medical Bldg., Bellingham.

Low Bidder—S. S. Mullen, 2456 Warren St., Seattle, \$272,706.

F. M. Haskell, Bellingham, at \$49,279 low bidder for plumbing and heating, and Meacham & Babcock, Mutual Life Bldg., Seattle, at \$13,725 low bidder for electric wiring. 13

BIDS OPENED
SAN FRANCISCO—Stand. Fence Co., 440 Bay Shore Blvd., at \$30, submitted low bid to the Dept. of Public Works, City Hall, for removing and replacing wire fence at Potswom Playground, adjoining 673 Southwell Street.

Complete bids follow:
 Standard Fence Co., \$30.
 California Wire Cloth Co., \$40.
 Anchor Post Fence Co., \$49. * 13

BIDS OPENED
YERBA BUENA SHOALS—Until Nov. 12, 10 A. M., bids will be received by the Dept. of Public Works, City Hall, at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, for general construction of the Auditorium Building on Yerba Buena Shoals.

Complete bids follow:
 Clinton Const. Co., S. F., \$146,900.
 McDonald & Kahn, Co., Ltd., S. F., \$158,000.
 George A. Fuller Co., L. A., \$163,700.
 Barrett & Hilp, S. F., \$166,467.

be seen at the office of the State Architect, Public Works Building, 12th and N Streets, Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

BIDS WANTED
LOS ANGELES, Calif.—Until Nov. 5, 10 A. M., bids will be received by the L. A. Board of Library Commissioners for a library bldg. to be built at 256 W. 70th St., a PWA project. Plans and specifications may be had upon application to the board office, 530 S. Hope St. Certified check or bond for 10% required. Harry F. Withey, architect, 407 S. Western Avenue. 13

BIDS WANTED
YERBA BUENA SHOALS, Cal.—Until November 12, 10 A. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for plumbing, heating and ventilating work for the Recreation Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

CONTRACT AWARDED
YERBA BUENA SHOALS, Calif.—Victor Lomago, 281 Natoma Street, San Francisco, at \$12,674 awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for electrical work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

CONTRACT AWARDED
YERBA BUENA SHOALS, Calif.—Scott Company Inc., 243 Miona St., San Francisco, at \$13,127 awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market Street, San Francisco, for plumbing work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

CONTRACT AWARDED
YERBA BUENA SHOALS, Calif.—Barrett and Hilp, 918 Harrison St., San Francisco, at \$195,405, awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the California Coliseum Livestock Barn on Yerba Buena Shoals, Calif.

BIDS OPENED
YERBA BUENA SHOALS, Calif.—Clinton Constr. Co., 923 Folsom St., San Francisco, at \$146,900 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the Auditorium Building on Yerba Buena Shoals.

Complete bids follow:
 Clinton Const. Co., S. F., \$146,900.
 McDonald & Kahn, Co., Ltd., S. F., \$158,000.
 George A. Fuller Co., L. A., \$163,700.
 Barrett & Hilp, S. F., \$166,467.

BIDS WANTED

RENO, Nevada.—Until November 1, 2:30 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans' Administration, Palo Alto, Calif., for furnishing and installing marble work and slate for stairways in Treatment Building No. 1, Veterans Administration Facility, Reno, Nev.

Specifications obtainable from the Veterans Administration Facility, Palo Alto.

BIDS WANTED

RENO, Nevada.—Until November 1, 2:30 P. M., bids will be received by the Supervising Superintendent of Construction, Veterans' Administration, Palo Alto, Calif., for furnishing and installing tile floor and base in Treatment Building No. 1, Veterans Administration Facility, Reno, Nev.

Specifications obtainable from the Veterans Administration Facility, Palo Alto.

CONTRACT AWARDED

RENO, Nevada.—Ralph Tyler, 524 E. 7th St., Reno, at \$5,196, awarded contract by the Veterans Administration Facility, Washington, D. C., for lathing and plastering at Veterans Administration Facility, Reno, Nevada, Treatment Building No. 1.

CORRECTION

SAN FRANCISCO.—Henry Ernst & Sons, 551 Hayes St., San Francisco, at \$6,700 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for heating and ventilating repairs at the U. S. P. O., and Court House, San Francisco. Only other bid submitted by M. Desiano, San Francisco, at \$6,963. Scott Co., Inc., S. F. submitted a late bid.

Second low bidder previously reported in error as low bidder.

**Contract Awarded
POST OFFICE**

Cont. Price, \$54,913
CANOGA PARK, Los Angeles Co., United States Post Office.
Owner—U. S. Government.
Plans by Supervising Architect of Treasury Department, Washington, D. C.
Contractor—Campbell Const. Co., 5388 Alhambra Ave., L. A.

CONTRACT AWARDED

MARYSVILLE, Yuba Co., Calif.—Henry L. Grohne, Decatur, Ill., at \$3,478 awarded contract by the Procurement Division, Public Buildings Branch, Wash., D. C. for lowering sub-soil drains, exterior painting and miscellaneous repairs at the U. S. P. O., at Marysville. 7

BIDS WANTED

SALLINAS, Monterey Co., Calif.—Until Nov. 16, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a signal system at the U. S. P. O., at Sallinas.

Specifications may be obtained from the above office and from the Custodian of the building at Sallinas.

Previously announced that custodian would receive bids. 7

CONTRACT AWARDED

MARE ISLAND, Solano Co., Cal.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$229,675 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steel framework for foundry building, 180 feet wide by 408 feet long, an out-side overhead crane runway and crane runways for interior cranes at the

Navy Yard, Mare Island; Spec. No. 8816.

As previously reported, Bethlehem Steel Co., Alameda, at \$231,500, and Junion-Pacific Co., San Francisco, submitted second and third low bids. Complete bids will be published shortly.

BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 10, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. 8934, for North Extension to Final Assembly Shop at the Naval Operating Base (Air Station), San Diego.

Work consists in general of an extension to an existing 1-story building. The extension will have a first floor area of approximately 96,000 square feet. The work will include concrete; steel and iron work; corrugated asbestos siding; roofing and sheet metal work; steel windows; steel doors; plastering work; carpentry work; plumbing, air, steam and electric systems.

Bidding data obtainable from the Public Works Officer upon deposit of \$20 check or postal money order payable to the Chief of the Bureau of Yards and Docks. 7

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until November 4, 2 P. M., bids will be received by the War Department, Constructing Quartermaster, Sacramento Air Depot, for construction and completion of Garage Bldgs. at the Air Depot; Spec. No. 323-E.

Plans and specifications obtainable upon deposit of certified check for \$5 payable to the Finance Officer, U. S. Army, Fort Mason, Calif. 7 (889)

COMPLETE BIDS

MARE ISLAND, Solano Co., Cal.—As previously reported, Moore Dry Dock Co., foot of Adeline St., Oakland, at \$229,675 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steel framework for foundry building, 180 feet wide by 408 feet long, an outside overhead crane runway and crane runways for interior cranes at the Navy Yard, Mare Island; Spec. No. 8816.

Complete bids follow:
Moore Drydock Co., Oakland \$229,675
Bethlehem Steel Co., Bethlehem, Pa. 231,500
Judson Pacific Co., S. F. 239,943
Steek Const. Co., Birmingham Alabama 243,296
American Bridge Co., Washington, D. C. 245,493
Herrick Iron Works, Oakland 247,000
J. H. Pomeroy & Co., S. F. 256,563
Western Steel Erecting Co., Los Angeles 258,500
Oscar Daniels Co. and Duffin Iron Co., Chicago 263,172
Minneapolis - Moline Power Improvement Co. 273,450
Wisconsin Bridge & Iron Co., Milwaukee 276,738

BIDS WANTED

PEARL HARBOR, T.H.—Until Nov. 10, 11 A. M., bids will be received by the Public Works Officer, Navy Yard, Pearl Harbor, T. H., for swimming pool and handball courts at the Naval Fleet Air Base, Pearl Harbor, T. H., Spec. No. 8944. Est. cost, \$21,500.

Work includes excavation, concrete work, concrete hollow tile, carpentry, roofing and sheet metal, plastering and stucco, metal windows, tile work, plumbing, wire fencing, diving bds., electric work and painting.

Drawings may be obtained from

the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor, T. H., or from the Commandant, Twelfth Naval Dist., Federal Office Bldg., Civic Center, San Francisco, Calif., or from the Commandant, 11th Naval Dist., San Diego, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 8, 2 P. M., bids will be received by the Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco, for furnishing and installing low water cut outs for boilers.

Specifications obtainable from the Custodian of the building. 7 (891)

BIDS WANTED

FORT LEWIS, Wash.—Until Nov. 9, 11 A. M., bids will be received by the Constructing Quartermaster, Capt. E. J. Antonovich, Fort Lewis, for construction of a hospital bldg. at McChord Field.

Plans and specifications obtainable from the Constructing Quartermaster upon deposit of certified check in the amount of \$25. 7

BID OPENED

HICKAM FIELD, T. H.—Robert E. McKee, 4700 San Fernando Road, W. Los Angeles, at \$63,500 submitted only bid to the Constructing Quartermaster, Fort Mason, Calif., Oct. 21, for construction of the Fire Station and Guardhouse at Hickam Field, T. H.

Bids opened simultaneously by the Constructing Quartermaster, Fort Shafter, Hawaii. Two low bids received there were:

Ralph E. Wooley, Honolulu, \$77,970.
Geo. E. Freitas, Honolulu, \$79,000.

9—HOSPITALS**BIDS WANTED**

REDWOOD CITY, San Mateo Co., Cal.—Until November 7, 10 A. M., bids will be received by the County of San Mateo, E. A. Rolison, Purchasing Agent, Court House, Redwood City, for painting the community hospital nurses' home, tuberculosis pavilion, and power house.
Specifications obtainable from the above office. 9

Sub Contracts Awarded

HOSPITAL ADDITION
FORT BRAGG, Mendocino Co., Cal. Two-story and basement frame and Redwood siding addition to the Redwood Hospital.
Owner—Redwood Hospital Assn.
Architect—John Easterly, Healdsburg and Santa Rosa.
Contractor—F. W. Nelson, Ft. Bragg.
Roofing—Herman G. Runkel, 111 W. Perkins St., Ukiah.
Electric Wiring—Norman A. Russell, 82 College Ave., Santa Rosa.
Sheet Metal—Windling Hardware Co., 346 Main St., Fort Bragg.
Tile Work—B. J. Johansen, Ft. Bragg.
Lumber—Union Lumber Co., Fort Bragg.
Mill Work—South City Lumber and Supply Co., South San Francisco.
Painting—R. H. Wildenradt, Box 655, Fort Bragg.
Linoleum—West Coast Linoleum and Carpet Stores, 2703 Mission St., San Francisco.

Contracts Awarded

HOSPITAL ADDN. Cont. Pr., \$96,444
FRESNO, Fresno Co., Calif.
Addition of new brick kitchen wing at the Fresno County General Hospital.

Owner—County of Fresno, c/o county clerk, Courthouse, Fresno.
 Architect—Fred L. Swartz, Brix Bldg. Fresno.

Contractor—Trehwilt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
 mangrum, Holbrook & Eikus, Golden Gate Ave. and Hyde St., San Francisco, at \$17,198.94 awarded contract for kitchen equipment.

Sub-Contracts Awarded
 HOSPITAL ADD. Cont. Pr. \$96,444
 FRESNO, Fresno Co., Calif.
 Addition of new brick kitchen wing at Fresno County General Hospital.

Owner—County of Fresno, c/o County Clerk, Courthouse, Fresno.
 Architect—Fred L. Swartz, Brix Bldg. Fresno.

Contractor—Trehwilt-Shields & Fisher, Pacific Southwest Building, Fresno.

Plumbing and Heating—Victor J. Cox 2820 Tulare St.

Glass & Glazing—W. P. Fuller and Co., 1246 Fulton St.

Structural & Reinf. Steel, Steel Sash, Misc. Iron—Kyle & Co., 346 G St.

Electric Work—Robinson Elec., 136 N Van Ness Ave.

Masonry—Paul Kinder, 1646 Hedges.

Tile Work—Premier Tile & Marble Company.

Lathing and Plastering—Joseph Masi, 515 Oleander.

Steel Lockers—Worley & Co., 39 Natoma St., San Francisco.

Roofing—C. L. Frost, 165 Webster, Monterey.

Linoeum—E. Gottschalk & Co., Inc., Fulton and Kern Sts.

Lumber—Daugherty Lumber Co., 189 Napoleon St., San Francisco.

Transit Mix Concrete—Grant - Pacific Rock Co., 509 T. W. Patterson Building.

Mill Work—Hollenbeck-Bush Planing Mill, P. O. Box 605.

Sheet Metal—Z. Z. Dowd, 4335 Illinois Avenue.

Elevators—Otis Elevator Co., 931 Van Ness Avenue.

Accordion Door Hardware — Valley Lumber Co., P. O. Box 1341.

Insulation and Refrigerator Doors—Cork Insulation Co., Inc., 462 Brysnt St., San Francisco.

All of Fresno, unless otherwise noted.

12— POWER PLANTS

Sub Contracts Awarded
 DIAL UNIT Cost, \$.....
 NORTH SACRAMENTO, Sacramento Co., Calif. Rio Linda Blvd. and Nogales Street.

One-story brick and frame dial concentration unit (37x47-ft.), tile front.

Owner—Pacific Telephone and Telegraph Co.

Plans by Engineering Dept. of Owner Contractor—Lawrence Const. Co., 5372 Ninth Ave., Sacramento.

Roofing — Sacramento Roofing Co., 12th and No. B Sts.

Plumbing & Heating—A. S. Sweet, 112 W. Bassettlaw Ave.

Sheet Metal—Park Sheet Metal Wks., 2562 Sacramento Blvd.

Glass—T. E. Cain Inc., 2416 "J" St. Iron Grille Work—Alling Iron Works, 2415 Fifth St.

Lumber and Hardware — Diamond Match Co., 2826 "Q" St.

Mill Work—Sierra Mill and Lumber Co., 2nd and V Sts.

Concrete—Perkins Gravel Co., 1846 37th St.
 All of Sacramento.
 (633) 1st rep. Sept. 9; 3rd, Oct. 5, 1938. 12

**13— PUBLIC BUILDINGS
 FIRE HOUSES & JAILS**

Bids Opened
 CITY HALL
 MARYSVILLE, Yuba Co., Calif. SW corner of Sixth and C Streets.

Two-story Class B City Hall building (13,800 sq. ft. of floor space), to contain city offices and city jail and furnishing and installing of jail equipment in same building.

Owner—City of Marysville, (Chester O. Gates, City Clerk).

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Low bidder: Taber & Higgins, P. O. Box 708, Oroville, \$86,550.

Recommendation made to PWA that contract be awarded the low bidder on basic bid, not including any alternate proposals.

Complete basic bids follow:
 Taber & Higgins, Oroville, \$86,850.

Moore & Roberts, S. F., \$87,928.
 Azevedo Constr. Co., Sacramento, \$90,380.

Campbell Constr. Co., Sacramento, \$90,958.

C. A. Otto, Stockton, \$96,967.

Holdener Constr. Co., Sacramento, \$97,415.

Lawrence Constr. Co., Sacramento, \$101,666.

C. A. Hillberg, Turlock, \$114,648.
 Pacific Electric Mfg. Corp., 5815 3rd St., San Francisco, at \$13,012, which includes deduction of Prop. 2, of \$513, was recommended to PWA for award of contract for jail equipment. The low bid of Pauly Jail Building Equip. Co., of \$12,543 was not considered due to an irregularity in the bid. Only other bid submitted by Palm Iron Works, at \$14,700. (928) 1st rep. June 22; 6th. Oct. 20, 1938 * 13

Low Bidders
 CITY HALL
 BELLINGHAM, Washington.

Construction of new City Hall Bldg. Owner—City of Bellingham (Harry A. Binzer, Controller).

Architect—Leonard W. Bindon, Medical Bldg., Bellingham.

Low Bidder—S. S. Mullen, 2456 Warren St., Seattle, \$272,706.

F. M. Haskell, Bellingham, at \$49,279 low bidder for plumbing and heating, and Meacham & Babcock, Mutual Life Bldg., Seattle, at \$13,725 low bidder for electric wiring. 13

BIDS OPENED
 SAN FRANCISCO.—Stand. Fence Co., 440 Bay Shore Blvd., at \$30, submitted low bid to the Dept. of Public Works, City Hall, for removing and replacing wire fence at Folsom Playground, adjoining 673 Shotwell Street.

Complete bids follow:
 Standard Fence Co., \$30.
 California Wire Cloth Co., \$40.
 Anchor Post Fence Co., \$49.
 Michel & Pfeffer, \$75 * 13

BIDS WANTED
 YERBA BUENA SHOALS.—Until Nov. 12, 10 A. M. bids will be received by the Dept. of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, for general construction of the Auditorium Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may

be seen at the office of the State Architect, Public Works Building, 12th and N Streets, Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

BIDS WANTED
 LOS ANGELES, Calif.—Until Nov. 5, 10 A. M. bids will be received by the L. A. Board of Library Commissioners for a library bldg. to be built at 256 W. 70th St., a PWA project. Plans and specifications may be had upon application to the board office, 530 S. Hope St. Certified check or bond for 10% required. Harry F. Withey, architect, 407 S. Western Avenue. 13

BIDS WANTED
 YERBA BUENA SHOALS, Cal.—Until November 12, 10 A. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for plumbing, heating and ventilating work for the Recreation Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Building, 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

CONTRACT AWARDED
 YERBA BUENA SHOALS, Calif.—Victor Lemoge, 281 Natoma Street, San Francisco, at \$12,674 awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for electrical work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

CONTRACT AWARDED
 YERBA BUENA SHOALS, Calif.—Scott Company Inc., 243 Minna St., San Francisco, at \$13,127 awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market Street, San Francisco, for plumbing work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

CONTRACT AWARDED
 YERBA BUENA SHOALS, Calif.—Barrett and Hill, 918 Harrison St., San Francisco, at \$195,405, awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the California Coliseum Livestock Barn on Yerba Buena Shoals, Calif.

BIDS OPENED
 YERBA BUENA SHOALS, Calif.—Clinton Constr. Co., 923 Folsom St., San Francisco, at \$146,900 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the Auditorium Building on Yerba Buena Shoals.

Complete bids follow:
 Clinton Const. Co., S. F., \$146,900.
 McDonald & Kahn, Co., Ltd., S. F., \$158,000.
 George A. Fuller Co., L. A., \$163,700.
 Barrett & Hill, S. F., \$166,467.

CONTRACT AWARDED

TUCSON, Ariz.—Jay J. Garfield, Box 2790, Tucson, awarded contract by City of Tucson, at \$69,100, for altering and adding two wings to the Carnegie Free Library in Tucson, a PWA project. Plans were prepared by Architect Richard A. Morse, 11 E Pennington St., Tucson. 13

Bids Opened

OFFICE BLDG. EUREKA, Humboldt Co., Calif. Wood frame office building covered on exterior with Redwood siding and Redwood shingles for the Highway Patrol Dept. of Motor Vehicles; foundations are in place.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento. Low bidder: Mercer Fraser Company, 2nd and Commercial Streets, Eureka, \$20,454.

Complete bids follow:
Mercer Fraser Co., Eureka, \$20,454.00.
Fred J. Maurer & Son Inc., Eureka, \$20,950.00.
Fred J. Early, Jr., San Francisco, \$21,235.00.

Award Recommended

GRANDSTAND BLDG. FRESNO, Fresno Co., Calif. Fresno County Fairgrounds. Construction of a reinforced concrete grandstand building. Owner—County of Fresno (E. Dusenberry, County Clerk). Architect—W. D. Coates, Jr., Rowell Bldg., Fresno. Low Bidder—Trehwhitt - Shields and Fisher, Pacific Southwest Bldg., Fresno, \$109,498. Complete bids follow:
Trehwhitt-Shields & Fisher.....\$109,493
Richmond Const. Co., Fresno 109,500
Harman & Co., Los Angeles..... 110,887
R. Pedersen Fresno..... 114,359
Midstate Const. Co., Fresno..... 114,873
T. C. & W. H. Irwin, Fresno, 115,837
L. H. Hansen & Sons, Fresno 125,390
Award to low bidder recommended. No alternates considered.

BIDS OPENED

SACRAMENTO, Calif.—M. R. Carpenter, 907 Front St., at \$792, submitted low bid to the State of California, Geo. B. McDougall, State Architect, Public Works Building, Sacramento, for sheet metal work and air conditioning in the Dept. of Finance offices, State Capitol, Sacramento. Complete bids follow:
M. R. Carpenter, \$792; 25 days.
McLaughlin Sheet Metal Works, Inc., Sacramento, \$798; 15 days.
Frank Z. Ahl Sheet Metal Works, Inc., \$800; 30 days.
Walter M. Murphy, Sacramento, \$825; 20 days.
J. H. Mendenhall Sheet Metal Wks. Sacramento, \$860. * 13

Bids Wanted — To Close November 15, 2 P. M.

HEATING & VENTILATING SANTA BARBARA, Santa Barbara Co., Calif. Heating and ventilating work in the National Guard Armory, including installation of new boiler, fans and sheet metal work. Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento. Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25, returnable.

Bids Wanted — To Close November 15, 2 P. M.

WRECK BLDGS. SAN FRANCISCO, southwest cor. of Golden Gate Ave. and Polk Streets.

Wreck buildings designated as Nos 501, 519, 521, 525, 535, and 543, situated on property owned by the State of California and comprising the Easterly 181.6 ft. of the Western Addition Block No. 65, bounded by Golden Gate Ave., Polk St., Redwood St. and Van Ness Ave. Work involves razing of bldgs. and removal of all debris down to the basement floor level with the exception of the property line walls on street frontage, which shall be razed to the sidewalk level all in accordance with specifications.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Bids will be entertained on a sale basis or on a contract basis. In the case of sale, the contractor offering to perform the work and pay the most for the materials and equipment will be considered first. In case no sale offers are received the offer proposing to charge the least for performing the work will be considered.

To be erected on the site at a later date will be the new office bldg. for the State Unemployment Compensation Fund. Plans for the building at present are in only preliminary stages

BIDS OPENED

MASON LEANDRO, Ala. Co., Calif.—Matsen Electrical Equipment Co., 4115 Broadway, Oakland, at \$7,727 for electrical work; Madden Plumbing & Heating Co., 3103 San Pablo Ave., Oakland, at \$4,034 for plumbing work and The Scott Co., 113 10th St., Oakland, at \$5,689 for heating submitted low bids and were recommended for awards by the City of San Leandro, E. F. Hutchings, City Clerk, for electrical work, plumbing work and heating work in the City Hall project, San Leandro. Complete bids follow:

Electrical Matsen Electrical Equip. Co., \$7,727. Spencer Electric Co., \$7,766. Kerr & Clifford, \$7,819.73. Kenny Electric Co., \$8,184. Scott Buttner Electric Co., \$9,473. Plumbing Madden Plumbing & Heating Co., \$4,034. Wm. A. Ambrose, \$4,500. The Scott Co., \$4,955. J. A. Fazio, \$5,107. L. A. Cruz, \$5,390. Heating The Scott Co., \$5,689.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 4, 3 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 189 for painting the 17th Street Car House near Mariposa St., San Francisco. Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$10. * 13

Bids Wanted — To Close November 15, 2:00 P. M.

ASSEMBLY BLDG. ANDERSON, Shasta Co., Calif., 27th District, Agricultural Assn. Wood frame assembly bldg (75x125 ft.), covered on exterior with wood siding and corrugated iron.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Bldg., 12th and N Sts., Sacramento.

General bids are being received with an alternate proposal for omitting certain parts of the work. Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25, returnable.

Bids Opened

CIVIC BLDGS. KING CITY, Monterey Co., Calif. Construction of reinforced concrete library building and city hall to be central unit of eventual group to include firehouse and jail.

Owner—City of King City. Architect—Robt. Stanton, Del Monte Hotel, Del Monte.

Low Bidder—F. C. Stolte Co., 203 Pine St., Pacific Grove, \$41,300. Complete bids follow:
F. C. Stolte Co., Pacific Grove.....\$41,300
Thoe. M. Maino, San Luis Obispo 45,580
D. W. Nicholson, Oakland..... 45,947
A. Nelson, Inc., S. F..... 50,985

Contract Awarded

CITY HALL Cont. Price, \$38,421 YUBA CITY, Sutter Co., Calif. City Hall Bldg., containing administration offices, meeting chambers police and fire department. Owner—City of Yuba City. Architect—Starks & Flanders, Bank of America Bldg., Sacramento. Contractor—Azevedo Const. Co., 5th and V Sts., Sacramento.

Bids Wanted — To Close November 7, 3 P. M.

EXHIBIT BLDG. YERBA BUENA SHOALS. Site of the 1939 World's Fair. General construction of the Illinois Building; Contract No. 220. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., S. F. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., S. F. Plans and specifications may be obtained from the above office, Rm. 222, upon deposit of \$20.

Complete Bids

CITY HALL COALINGA, Fresno Co., Calif. City Hall, Police Headquarters, Jail. Owner—City of Coalinga, (Ethel K. McCroskey, City Clerk). Architect—Fred L. Swartz, Brix Bldg., Fresno. Low bidder: W. J. Ochs, Inc., Helm Bldg., Fresno. Recommendation made to PWA that contract be awarded low bidder at \$34,824 which includes deduction of all alternates.

Complete bids follow:
W. J. Ochs, Inc., \$36,945, (1) \$325, (2) \$995, (3) \$600, (4) \$201.
L. H. Hansen & Sons, \$37,850, (1) \$390, (2) \$965, (3) \$580, (4) \$265.
R. W. Brown Const. Co., \$38,098.
Harman & Company, \$38,431, (1) \$334, (2) \$911, (3) \$678, (4) \$487.
Midstate Const. Co., \$38,873, (1) \$300, (2) \$800, (3) \$575, (4) \$250.
Hodgson & Co., \$40,500, (1) \$275, (2) \$900, (3) \$630, (4) \$290.
Trehwhitt-Shields & Fisher, \$42,890, (1) \$700, (2) \$1000, (3) \$600, (4) \$250.

Contract Awarded

CITY HALL Cont. Price, \$43,223 DALY CITY, San Mateo Co., Calif. Two-story and basement reinforced concrete city hall building. Owner—City of Daly City.

Architects—Wm. H. Toepke and Otto G. Hintermann, 74 New Montgomery Street, San Francisco.
Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.

BIDS WANTED

VAN NUYS, Los Angeles Co., Cal.—Until November 9, 10 A. M., bids will be received by the Los Angeles Board of Public Works for construction of a 2-story reinf. conc. fire station, 60x100 ft. in area, at 14415 S. Sylvan Ave., Van Nuys, a PWA project. Cost, \$60,000. 13

Sub-Contracts Awarded

CUSTODIAL BLDGS., ETC.
Contract Price, \$247,800
SPADRA, Los Angeles Co., Cal. Pacific Colony.

Two 1-story reinforced concrete custodial buildings (hollow tile partitions, steel sash, clay tile roof covering, etc.) and completion of Unit 15.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Contractor—John Strona, Pomona.
Sheet Metal—Jones-Peterson Co., 645 Imperial Street.

Glass—Thompson Glass and Paint Co. 702 E. Gage Ave.

Lumber—E. K. Wood Lumber Co., 4701 Santa Fe Ave.

Mill Work—Pacific Mfg. Co., Santa Clara.

Painting—Wm. Gelfan, 646 S. LaBrea.
Lathing and Plastering—A. Ray Tetter, 1310 S. Broadway, Santa Ana.

All of Los Angeles, unless otherwise noted.

Sub Contracts Awarded

FIRE STATION
Contract Price, \$29,378
HANFORD, Kings Co., Calif.
One-story reinforced concrete fire station and fire alarm system.
Owner—City of Hanford.

Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—Trewblitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

Plumbing, Heating & Sheet Metal—Ford & Berry, 217 W. 7th Street, Hanford.

Glass & Glazing—Fresno Glass Co., Fresno.

Tile Work—Premier Tile and Marble Co., Fresno.

Reinf. Steel—Dlck Richards, 3422 Piedmont Ave., Oakland.

Lathing & Plastering—M. E. Summers, Rt. 1, Box 329, Fresno.

Electric Work—Robinson Electric, 136 N. Van Ness, Fresno.

Roofing—C. L. Frost, 165 Webster St., Monterey.

Mill Work—Fresno Planning Mill, H and Monterey, Fresno.

Lumber—King Lumber Co., Corcoran.
Concrete Work—Ralph Utter, 520 S. Oh St., Tulare.

Painting—D. E. Weaver, Rt. 2, Box 150 D, Porterville.

Tile Partitions & Steel Sash—Healey & Popovich, 818 Helm Bldg., Fresno.

Hardware—Valley Lumber Co., P. O. Box 1341, Fresno.

Overhead Doors—Parker & Carpenter Co., 991 Bryant St., S. F.

ROUND ELECTION

Sub Contracts Awarded
YERBA BUENA BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Exhibit building.
Owner—duPont de Nemours & Co., Architect—Not given.
Contractor—Lindgren & Swinerton, Inc., 225 Bush St., S. F.

Painting—Raphael Co., 270 Tehama Street.

Linoleum—The American Art Tile Co., 231 Franklin St.

Glass—W. P. Fuller & Co., 301 Mission St.

Electric Work—Chas. A. Langlais, 472 Tehama St.

Plumbing—E. Sugarman, 3624 Geary Street.

Vent Ducts—Gullfroy Cornice Works, 1234 Howard St.

Ornamental Iron—Star Ornamental Iron Works, 227 Bay St.

Mill Work—Pacific Mfg. Co., 454 Montgomery St.

Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Lumber—Christenson Lumber Co., Quint and Evans St.

Gold Bond—Western Asbestos Co., 675 Townsend St. • 13

Low Bidders
CITY HALL, ETC.
SONORA, Tuolumne Co., Calif.
Two-story reinforced concrete city hall, firehouse and library bldg.

Owner—City of Sonora, T. V. Wolf, City Clerk.

Engineer—Chas. Gullick, Stockton.
Low bidder: Cotner, Tomnitz and King, Modesto, \$30,885.

Second low bid submitted by A. T. Beckett, Piedmont, at \$30,885.

BIDS OPENED

SAN FRANCISCO.—Weatinghouse Electric Elevator Co., 1 Montgomery St., at \$78 submitted low bid to the Dept. of Public Works, City Hall, for altering Otis Elevator, No. 7, large city Prison car.

Complete bids follow:
Weatinghouse Electric Elevator Co., \$78.

San Francisco Elevator Co., \$83.50.
Otis Elevator Co., \$145.
B. C. Van Emon Co., \$159. • 13

NEW BIDS WANTED

ALAMEDA CO., Calif.—Until Nov. 15, 10:30 A. M., new bids will be received by the Alameda County Board of Supervisors, Courthouse, Oakland, for installation of a boiler at the Arroyo Sanitarium, Alameda County.
Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at \$5,993 submitted only bid October 25, which was rejected.

BIDS OPENED

SAN FRANCISCO.—Lacquer Floor Service Co., 42 9th St., at \$127.50 submitted the only bid to the Dept. of Public Works, City Hall, for lacquering linoleum floor of Juvenile Room at Richmond Branch Library. • 13

Preparing Working Drawings
ALTERATIONS Cost, \$.....
UKIAH, Mendocino Co., Calif.

Alterations to present fire station and city hall building.

Owner—City of Ukiah.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Megna & Nowell, 838 Minnesota Ave., San Jose, at \$4,048.25 submitted low bid and was awarded contract by the Board of Supervisors of Santa Clara County for the construction of a frame and galvanized iron cow shelter for County Almshouse, Santa Clara County.
Only other bid submitted by Dan Caputo, San Jose, at \$4,189.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—Victor Lemoge, 281 Natoma St., San Francisco, at \$12,674 submitted low bid to Department of Public Works at the Office of the California Commission for the Golden Gate International Exposition, 660 Market Street, San Francisco, for electrical work for the California Coliseum Livestock Barn on Yerba Buena Shoals.
Complete bids follow:

Victor Lemoge	.....	\$12,674.00
Alta Elec. & Mech. Co., Inc.	.....	12,719.00
Chas. A. Langlais	.....	12,830.00
Edw. J. Lynch Elec. Co.	.....	12,831.00
H. C. Reid & Co.	.....	12,975.00
G. H. Armstrong	.....	13,333.00
Abbett Electric Co.	.....	13,404.00
Spencer Electric Co.	.....	13,659.00
Crown Electric Co.	.....	13,800.00

Prospective Bidders

ADDITION Est. Cost, \$93,906
REDWOOD CITY, San Mateo Co.
Two-story addn. to present city hall. Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Plans and specifications may be obtained from the office of E. E. Myers, City Clerk, City Hall, Redwood City, upon deposit of \$200.

As previously reported, bids will be opened November 2, 3 P. M., in the office of the City Manager, City Hall, Redwood City.

Following have taken out plans:
Ave., San Jose.

R. A. McLean & Co., 602 California St., San Francisco.

Frank J. Reilly Co., 6350 Fulton St., San Francisco.

John E. Branagh, 116 Monticello Avenue, Piedmont.

W. C. Tait, 883 Market Street, San Francisco.

Louis C. Dunn, Inc., 681 Market St., San Francisco.

G. W. Williams Co., 10 California Drive, Burlingame.

Moore & Roberts, 693 Mission St., San Francisco.

Central California Construction Co. Inc., 115 Burrows St., San Francisco.

CONTRACTS AWARDED

YERBA BUENA SHOALS.—C. L. Wold Const. Co., Ltd., 4412 Fulton St., San Francisco, at \$68,378, awarded contract by the Department of Public Works, City Hall, for general construction of the San Francisco building on Yerba Buena Shoals.

Prospective Bidders

LIBRARY Est. Cost, \$80,635
REDWOOD CITY, San Mateo Co.
Construction of new 1-story library building on property adj. to the City Hall.

Owner—City of Redwood City.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Plans and specifications may be obtained from the office of E. E. Myers, City Clerk, City Hall, Redwood City, upon deposit of \$200.

As previously reported, bids will be the office of the City Manager, City Hall, Redwood City.

Following have taken out plans:
Carl N. Swenson Co., 355 Stockton Ave., San Jose.

R. A. McLean & Co., 602 California St., San Francisco.

Frank J. Reilly Co., 6350 Fulton St., San Francisco.

John E. Branagh, 116 Monticello Avenue, Piedmont.

W. C. Tait, 883 Market Street, San Francisco.

Louis C. Dunn, Inc., 681 Market St., San Francisco.

G. W. Williams Co., 10 California Drive, Burlingame.
Moore & Roberts, 693 Mission St., San Francisco.

Central California Construction Co. Inc., 115 Burrows St., San Francisco.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—Barrett & Hlip, 918 Harrison St., San Francisco, at \$195,405 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the California Coliseum Barn at Yerba Buena Shoals.

Complete bids follow:
Barrett & Hlip, \$195,405.
George A. Fuller Co., L. A., \$198,000.
Clinton Constr. Co., S. F., \$269,400.
MacDonald & Kahn Co. Ltd., S. F., \$284,000.

Correction

CITY HALL, ETC.
SONORA, Tuolumne Co., Calif.
Two-story reinforced concrete city hall, firehouse and library bldg.
Owner—City of Sonora, T. V. Wulf, City Clerk.

Engineer—Chas. Gulick, Stockton.
Low bidder: Cotner, Tomitz and King, Modesto, \$30,885.
Second low bid submitted by A. T. Beckett, Piedmont at \$30,990.
Amount of second low bid previously reported in error.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—Scott Co. Inc., 243 Minna Street, San Francisco, at \$13,127, submitted low bid to the Department of Public Works, at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for plumbing work for the California Coliseum Livestock Barn on Yerba Buena Shoals.

Complete bids follow:
Scott Co. Inc., S. F., \$13,127.00.
James H. Pinkerton Co., S. F., \$13,700.00.
James A. Nelson Inc., S. F., \$14,212.00.
Herman Lawson Co., S. F., \$14,861.00.
E. Sugarman, S. F., \$15,681.00.

CONTRACT AWARDED

YERBA BUENA SHOALS, Calif.—Clinton Constr. Co., 923 Folsom St., San Francisco, at \$146,900, awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of the Auditorium Building on Yerba Buena Shoals.

14— RESIDENCE

Sub Contracts Awarded

PESIDENCE Cost, \$5,000
SANTA ROSA, Sonoma Co., Calif.
One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, etc.
Owner—A. L. Le Baron, c/o Architect.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.
Plumbing—Geo. Mitchell, 513 Third Street.
Electric Wiring—Karl F. Stotling, 1067 Fourth St.
Heating & Sheet Metal—D. E. Metzgas, 898 Fourth St.
Tile Work—W. H. Moody, 629 Fifth Street.
Hardwood Floors—W. A. Jorgensen & Co., Rt. No. 6, Box No. 9.

Brick & Stone Work—Dominick Lancia, Rt. No. 2, Box 367.
Lumber & Mill Work—Henry Laws Co., 8th and Wilson Sts.
Hardware—Dixon Hardware Co., 425 Fourth St.
Painting—C. W. Sullberg & Sons, 606 Spencer Ave.
Lathing & Plastering—Paul L. Lindo, 533 Humbolt St.
Concrete—Gus H. Felix, 510 S. A St. All of Santa Rosa.

Bids Opened

RESIDENCE
GRIDLEY, Butte Co., Calif.
One-story frame residence (9 rooms) hardwood floors, tile baths, etc.
Owner—Mr. Freudenthal, c/o Architect.
Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.
Low bidder: Fred Wickman, Gridley, \$8,734.

Other bids were:
G. W. Boulevard, \$9,476.
Bollman & Hefner, \$12,145.
Bids under advisement.

Being Done By Days Work

RESIDENCE
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence (7 rooms), shingle roof, hardwood floors, linoleum baths, etc.
Owner—Stanley Moore, Stockton.
Architect—Victor Galbraith, 221 East Acacia St., Stockton.

Preparing Working Drawings

RESIDENCE Cost, \$6000
NOVATO, Marin Co., Calif.
One-story frame and stucco Spanish style residence (5 rooms), tile roof, steel sash, gas fired heating system etc.
Owner—Withheld.
Architect—S. A. Lesswing, 17 Hillcrest Drive, San Rafael.

Plans Completed

RESIDENCE Cost, \$.....
CONCORD, Contra Costa Co., Calif.
One - story frame and stucco residence and store.
Owner—Fred W. Reiszwitz, Concord.
Architect—Withheld. 14

Plans Completed

RESIDENCE Cost, \$5,000
LAFAYETTE, Contra Costa Co., Cal.
One - story frame and stucco residence (5 rooms) hardwood floors, tile bath.
Owner—Geo. S. Hansen, Oakland.
Architect—Not Given. 14

Taking Segregated Bids

RESIDENCE Cost, \$5,000
WALNUT CREEK, Contra Costa Co.
One - story frame and Redwood siding residence (5 rooms), hardwood floors, tile bath, wood sash.
Owner—Withheld.
Architect—E. R. De Chenne, 361 17th Street, Oakland.
The architect is now taking segregated bids on all portions of the work.

Taking Segregated Bids

RESIDENCE Cost, \$5,000
OAKLAND, Alameda Co., Cal.
Snake Road and Armour Drive.
Two-story frame residence (6 rooms) redwood exterior, shingle roof, central heating plant, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—E. R. De Chenne, 361 17th Street, Oakland.
The architect is now taking segregated bids on all portions of the work.

15— SCHOOLS

Award Recommended

SCHOOL
MARTINEZ, Contra Costa Co., Cal.
Block bounded by Almond Street, Vine Ave., Sycamore Street and Palm Avenue.

Construction of one-story frame Mt. View primary school building to contain classrooms and kindergarten.

Owner—Martinez School District, W. A. Ormsby, Clerks.

Architect—Harold H. Weeks, 593 Market St., San Francisco.
Low Bidder—Carl Overaa, 2195 Roosevelt Ave., Richmond, \$39,480.

Recommendation made to PWA that contract be awarded the low bidder.

Bids Wanted — To Close November 4, 11:30 P. M.

SCHOOL Cost, \$12,000
TWAIN HARTE, Tuolumne Co., Cal.
One-story frame grammar school to contain two classrooms.

Owner — Twain Harte Elementary School District.

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Bids will be opened at the home of the clerk of the school district in Twain Harte.

Following have taken out plans:
O. J. Scherer Co., P. O. Box 178, Angels Camp.
S. C. Giles, 121 W. Knoles Way, Stockton.

N. S. Tronslim, Sonoma.
W. E. Wright.
(905) 1st rep. Sept. 21; 2nd, Oct. 25.

Bids Opened

SCHOOL
HOLLISTER, San Benito Co., Calif.
Frame and stucco grammar school to contain 3 classrooms and toilet rooms.

Owner—Hollister Elementary School District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.
Low Bidder—R. Pedersen, 446 Clark St., Fresno.

Recommendation made to the PWA that contract be awarded low bidder at \$19,735, including deduction of alternate No. 1.

Complete basic bids follow:
R. Pedersen, Fresno\$20,409
P. T. Wallstrum, Watsonville. 23,580

BIDS WANTED

SAN BERNARDINO, Calif.—Until Nov. 2, 10 A. M., bids will be received by the San Bernardino Grammar School District for a school bldg. to be built at 2nd and Orchard Sts.; estimated cost, \$65,000. Certified check or bond for 5% required. Plans obtainable from Architect E. Chas. Parke, 1 Fuller Bldg., San Bernardino, upon deposit of \$25. 15

Bids Wanted — To Close November 5, 10 A. M.

HIGH SCHOOL Cost, \$135,000
MEMMINVILLE, Oregon.

New high school building, remodeling existing senior and junior high school, and remodel heating plant in auditorium and gym.

Owner—School District 40, Yamhill County, Gilbert Tilbury, Chairman.

Architect—Ertz and Burns, 222 Pittock Block, Portland.

Plans and specifications obtainable from the architects office upon deposit of \$25. 5% bid security required. 15

CONTRACT AWARDED

PHOENIX, Ariz.—P. W. Womack, 1712 S. Central Ave., Phoenix, was awarded contract by Phoenix Union High School and Junior College District at \$144,422 for construction of a library, auditorium and administration building at the site of the new junior college plant in Phoenix. H. E. Green, Phoenix, is the architect; Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, supervising architects. 15

CONTRACT AWARDED

SAN DIEGO, Cal.—Chas. L. Hoskins, 17 Kettner Blvd., San Diego, awarded contract by the San Diego Board of Education at \$119,700 for construction of two gym buildings at the Herber Hoover high school. Kistner & Curtis, 675 Spreckels Theater Bldg., San Diego, architects; Wm. T. Wright, structural engineer. 15

Bids Wanted—To Close November 7, 7:30 P. M.

HIGH SCH. ADDN. Cost, \$191,000 EDMONDS, Washington. Additions to high school consisting of gym, auditorium, shop, and cafeteria. Owner—Edmonds School District 15, Snohomish, Wash., E. A. Lichtenstein, Clerk. Architect—Wm. Mallis, Lyon Bldg., Seattle. Separate bids are being received for general work, mechanical and electrical work. Plans and specifications may be obtained from the architect upon deposit of \$15. 15

BIDS WANTED

SAN DIEGO, Calif.—Until Nov. 7, 7 P. M., bids will be received by the San Diego Unified School District for rebuilding the Central grammar school, a PWA project. Estimated cost, \$76,000. Plans and specifications may be obtained from Geo. Crawford, business manager of the district, 825 Union St., San Diego, upon deposit of \$25. Wm. P. Lodge, architect, 521 "B" St., San Diego. 15

CONTRACT AWARDED

SAN PEDRO, Calif.—Contracting Engineers Co., 2310 1/2 W. Vernon, Los Angeles, awarded contract by L. A. Board of Education, at \$122,587, for construction of new classroom bldg., at the San Pedro high school, 1001 W. 15th St., San Pedro. Gordon E. Kaufmann, architect, 627 S. Carondelet St., L. A.; Murray Erick, structural engineer; Elliott Lee Ellingwood, mechanical engineer. 15

BIDS WANTED

ARCADIA, L. A. Co., Calif.—Until Nov. 10, 4 P. M., (bids to be opened at 7:30 P. M. on that day), bids will be received by the Arcadia City Sch. District for an auditorium bldg. and a classroom bldg. to be built at the Holly Ave. School, Duarte Road and Holly Ave., Arcadia, a PWA project. Plans obtainable at the office of Paul Kingsburg, architect, 803 West Third Street, Los Angeles, and at the office of the superintendent of schools, 301 First Ave., Arcadia, upon deposit of \$25. Estimated cost, \$80,000. 15

CONTRACT AWARDED

EXETER, Tulare Co., Calif.—Trenwhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, at \$120,900 awarded contract by the Exeter Sch. District, for construction of a school containing 6 classrooms, assembly room, gym and offices. Plans by Architect H. L. Gogerty, 6272 Yucafa St., Hollywood. 15

Contract Awarded

SCHOOL. Cont. Price, \$75,179 OAKLEY, Contra Costa Co., Calif. One-story frame and stucco grammar school building to contain 8 classrooms, gym and auditorium. Owner—Oakley Union School Dist. (Edith Dal Porto, Clerk). Architect—Harold H. Weeks, 593 Marke' St., San Francisco. Contractor—Nielsen and Erbenbraut, 82 Hollywood Ave., San Jose. Contract awarded including acceptance of Alternates 1 to 8 inclusive. 15

Rids Opened

RECONSTRUCTION OAKLAND, Ala. Co., Calif. 103rd Avenue and E St. Reconstruction of Stonehurst School. Owner—Oakland School District. Engineer—Charles A. Whitton, Second Ave. and 10th St., Oakland, (Sch. Administration Bldg.). Low bidder: Central California Construction Co., Inc., 115 Burrows St. S. F., \$32,888. Recommendation was made to the PWA that contract be awarded Central California Constr. Co. 15

Bids were received as follows: (1) general construction (2) salvage. Complete bids follow: Central California Construction Co., S. F., (1) \$32,888, (2) \$25. F. C. Stolte Co., Ala., (1) \$33,888, (2) \$20. Alfred J. Hopper, S. F., (1) \$34,940, (2) \$100. Harold R. Sproul, Berkeley, (1) \$38,840, (2) \$200. S. G. Johnson, Oakland, (1) \$36,950, (2) \$1. George Swanstrom, Oakland, (1) \$37,990, (2) \$50. A. Frederick Anderson, Oakland, (1) \$39,989, (2) \$10. John F. Tulloch, Oakland, (1) \$41,025, (2) \$10. 15

Award Recommended

JUNIOR COLLEGE ADDN. SANTA ROSA, Sonoma Co., Calif. One - story frame and brick veneer Industrial Arts Building, known as Unit 8 (concrete floors, tile roof, etc.) Owner—City of Santa Rosa Junior College District. Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa. Low Bidder—Empire Const. Co., Ltd. Russ Bldg., San Francisco, \$30,779 Recommendation made to PWA that contract be awarded the low bidder. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 9, 2 P. M., bids will be received by L. A. Board of Education for a 1-story auditorium bldg. to be built at the Samuel Gompers Jr. high sch., 234 E. 112th St., a PWA project. The bldg. is to be 70x174 ft. in area, of reinf. concrete construction and will seat approximately 1000 persons. Myron Hunt and H. C. Chambers, architects, 408 S. Spring St.; C. Duell, structural engineer; E. L. Ellingwood, mechanical engineer; Vern O. Knudsen, acoustical engineer. Separate bids will be taken on the general, plumbing, heating and ventilating, painting and electric wiring contracts. 15

LOW BIDDER

LOS ANGELES, Calif.—Theo. A. Beyer Corp., 533 Chamber of Commerce Bldg., L. A., submitted low general bid to L. A. Board of Education at \$24,900 (Bid No. 2, all work complete) for a new junior high school plant to be built in North Hollywood, a PWA project. Plans for the bldgs. were prepared by Arch-

itect John C. Austin, 608 Chamber of Commerce Bldg.; G. H. Schulte, structural engineer; Ralph E. Phillips, mechanical engineer; C. A. Sanborn, electrical engineer. 15

Bids Wanted—To Close November 14, 7 P. M.

SCHOOL. Cost, \$..... MILBRAE, San Mateo Co., Calif. Construction of a reinf. concrete elementary school building, including landscaping, etc. Owner—Milbrae Elementary School District (R. J. Patterson, Clerk). Architects—Masten & Hurd, 442 Post St., San Francisco. Plans and specifications may be obtained at the office of the architects upon deposit of \$25, returnable. Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8 P. M., November 14, in the office of the District Superintendent of Schools, Milbrae. PWA grant of \$106,362, together with bonds voted in the amount of \$130,000 will finance construction. 15

Bids Wanted—To Close November 14, 4:30 P. M.

HIGH SCHOOL. Cost, \$..... MCARTHUR, Shasta Co., Calif. Construction of a new high school building. Owner—Fall River Joint Union High School District. Architects—Masten & Hurd, 442 Post St., San Francisco. Plans and specifications may be obtained at the office of the architects and from the County Superintendent of Schools, Courthouse, Redding. 15

SUB-CONTRACTS AWARDED

YUCAIPA, San Bernardino Co., Cal.—L. P. Scherer, P. O. Box 423, Redlands, awarded the following sub-contracts for construction of a one-story classroom and auditorium bldg. on a site adjoining the elementary school in Yucaipa. Marsh, Smith & Powell, architects, Architects Bldg., Los Angeles: Miscellaneous and Ornamental Iron—Halsey Machine & Mfg. Co., San Bernardino. Sheet Metal, Heating, & Ventilating—San Bernardino Sheet Metal Works, San Bernardino. Plumbing—E. P. Schwender, San Bernardino. Dalmo Automatic Window Hardware—MacDonald Hardware Mfg. Co., Los Angeles. Roofing—Pioneer Floor & Roofing Co., Riverside. Electrical Wiring—H. C. Warren, Riverside. Painting—W. W. Alder, Redlands. Reinforcing Steel—Ceco Steel Products Co., Los Angeles. Sand and Gravel—Redlands Sand and Gravel Co., Redlands. Lumber and Cement—Dill Lumber Co., Redlands. 15

Contract Awarded

ALTERATIONS. Cost, \$..... MONTEREY, Monterey Co., Calif. Alterations to the boiler room in the high school. Owner—Monterey Union High School District. Architect—Robt. Stanton, Hotel Del Monte, Del Monte. Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove. 15

Bids Wanted—To Close November 9, 8 P. M.

HIGH SCHOOL. Cost, \$115,000 HALF MOON BAY, San Mateo Co. One-story frame and reinforced concrete high school. Owner—Half Moon Bay High School 15

District (Jos. F. George, Clerk).
Architect—Thomas M. Edwards, Rm. 1104, 9 Geary St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened at 8:30 P. M. in the office of the clerk in the Half Moon Bay Union High School building.

CONTRACT AWARDED

TUCSON, Ariz.—C. O. Johnson, 946 E. Berkeley Road, Phoenix, awarded general contract by School District No. 1, Pima County, Ariz., at \$32,966, for construction of a new bldg. at El Rio grammar school in Tucson, a PWA project. Jas. Macmillan, architect, 537 E. 3rd St., Tucson.

15

Bids Wanted — To Close November 9, 2:30 P. M.

GYMNASIUM, ETC.
SAN FRANCISCO. George Washington High School, Geary Blvd. and Balboa St., and 30th and 32nd Avenues.

General construction, mechanical equipment and electrical work for construction of gymnasium and athletic field unit; gym 165x110 ft. of reinforced concrete and steel frame construction, folding door dividing girls' and boys' gyms; offices, showers, lockers and locker rooms and two grandstands each 318 ft. long, seating 3000 each, and football field; two bituminous-surfaced play yards.

Owner—City and County of San Francisco.

Architect—Charles. H. Sawyer, City Architect, Room 265, City Hall.

Bids will be taken as follows:

(1) **General Construction**

Proposal 1: All work in Gym, athletic field, football field and all equipment, and plumbing work and yard work, including mechanical and electrical work;

Proposal 2: Gym and all yard work, including mechanical equipment and plumbing and electrical work;

Proposal 3: Athletic field and all yard work and football field, including mechanical equipment and plumbing work and electrical work.

Alternate 1: Deduct if East Grand Stand and entrances from 30th Ave. are omitted, including mechanical equipment, plumbing & electrical work but site graded to levels;

Alternate 2: Deduct if Play Yard Nos. 1 and 2 are omitted, including mechanical equipment and plumbing work, but ground graded to levels.

(2) **General Construction**

Proposal 1: All work in Gym, athletic field, football field and all yard work;

Proposal 2: Gym and all yard work;

Proposal 3: Athletic Field and all yard work and football field.

Alternate 1: Deduct if east Grandstand and entrances from 30th Ave. are omitted;

Alternate 2: Deduct if play yards Nos 1 and 2 are omitted but ground graded to levels.

Mechanical Equipment and Plumbing Work

Proposal 1: All work in gym, athletic field, football field and yard work;

Proposal 2: The gym and all work in yard;

Proposal 3: The Athletic Field and all work in yards and football field.

Alternate 1: Deduct if work in east grandstand and entrances from 30th Ave. is omitted;

Alternate 2: Deduct if all work in play yards Nos 1 and 2 is omitted;

Alternate 3: Deduct if all work in planting areas is omitted.

Electrical Work

Proposal 1: All work in gym and athletic field and appurtenances

Proposal 2: All work in gym;

Proposal 3: All work in athletic field and appurtenances.

Alternate 1: Deduct if east grandstand is omitted and all electrical work is omitted.

Estimated Costs

General contract, mechanical equipment, plumbing and electric wiring, \$405,683. Deposit for plans, \$100.

General contract only, \$331,121. Deposit, \$50.

Mechanical equipment and plumbing, \$59,656. Deposit, \$50.

Electric work, \$14,906. Deposit, \$50.

Plans and specifications obtainable from City Architect Chas. Sawyer, Room 265, City Hall.

Prospective Bidders

ADDITION Cost, \$15,000
REDWOOD City, San Mateo Co., Calif. Middlefield Road.

Addition to Garfield School (2 classrooms).

Owner—Redwood City Elementary School District (C. G. Uhlenberg, Clerk).

Architect—Thomas M. Edwards, Rm. 1104, 9 Geary St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, bids will be received until 8 P. M., Nov. 3, and opened at 8:30 P. M. of that date in the office of the McKinley School, Redwood City.

Following have taken out plans: Webster Jeffers, 1555 Page Street, San Francisco.

Alfred J. Hopper, 243 Langton St., San Francisco.

J. M. Duncan, 1203 Arguello St., Redwood City.

Emil G. Steinegger, 302 Myrtle St., Redwood City.

William Martin, 666 Mission Street, San Francisco.

Charles J. Pedersen, 734 Prospect Row, San Mateo.

G. W. Williams Co., 10 California Drive, Burlingame.

M. E. Yulkevich, 666 Mission St., San Francisco.

Carlen Const. Co., 147 Tenth St., San Francisco.

Frank J. Reilly Co., 6350 Fulton St., San Francisco.

Complete Bids

SCHOOL, ADDN. Cost, \$.....
DELANO, Fresno Co., Calif.

Construction of wood frame and stucco classroom addition at grammar school.

Owner—Delano Union Grammar Sch. Dist. (E. J. Girard, Clerk).

Architect—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.

Recommendation was made to P W A that contracts be awarded low bidders on each segregation on basic bids including deduction of all alternates. Complete bids follow:

General Construction

L. H. Hansen & Sons, P. O. Box 519, Fresno\$51,841

(2) 3,000

Graham & Dornandy\$2,900

(2) 3,000

R. W. Brown Const. Co.\$4,224

(2) 3,071

Fisher & McNulty\$5,056

(2) 3,000

Frank Greenough\$7,990

(2).....	3400
Midstate Const. Co.....	58,637
(2).....	3,000
T. C. & W. H. Irwin.....	59,442
(2).....	70
Hodgson & Sons.....	60,000
(2).....	3,000
Guy Hall	58,970
(2).....	2,900

Electric Work

Riders Electric Shop, 509 W. Olive St., Porterville, \$5,410; (1) \$50.

Pettijohn & Co., \$5,650; (1) \$75.

Carter Electric Co., \$5,882; (1) \$200.

W. T. Drury, \$6,280; (1) \$84.

Plumbing Work

Pettijohn & Co., P. O. Box 141, Delano, \$14,647; (1) \$4200; (2) \$2185.

W. M. McKenney, \$16,244; (1) \$3680; (2) \$2590.

Frank Hudson, \$16,633; (1) \$3829; (2) \$2292.

B. A. Newman, \$17,608; (1) \$3270; (2) \$2673.

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 7, 2 P. M., bids will be received by the Los Angeles Board of Education for a new classroom building, including equipment and furnishings, light fixtures, signal equipment and ground improvements, at the Roscoe School, NW corner San Fernando Road and Strathern St., Roscoe. Bids will be taken as follows: General work, plumbing; heating; electric wiring; painting. Est. cost, \$70,000. Geo. M. Lindsey, architect, 6305 Yuca St., Hollywood; Holmes & Narver, structural engineers; E. L. Ellingwood, mechanical engineer; Harry M. Galley, electrical engineer. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 3, 2 P. M., bids will be received by the Los Angeles Board of Education for a new classroom building, Unit M, including equipment and furnishings, light fixtures and signal equipment at the Susan Miller Dorsey high school, Exposition Blvd. and Farmdale Ave., a FWA project. Bids will be taken as follows: General work; plumbing; heating and ventilation; electric wiring; painting. Est. cost, \$70,000. H. L. Gogerty, architect, 6272 Yuca St., Hollywood; C. E. Noerenberg, structural engineer; O. W. Ott, plumbing and heating engineer; C. T. Gibbs, electrical engineer. 15

CONTRACT AWARDED

KERN COUNTY, Cal.—B. O. Slegfus, 9 "H" St., Bakersfield, awarded contract by Panama School District, Kern County, at \$4360, for construction of a temporary 2-classroom bldg. at the Panama Migratory school. Plans by Symmes & Willard, Stanton Willard, architect, 1314 17th St., Bakersfield. 15

Contract Awarded

COMPLETE SHOP Cont. Fr. \$199,621
BERKELEY, Alameda Co., Cal. Bancroft Way and Grove Street.

Completion of two - story reinforced concrete shop unit on the grounds of the Berkeley High School.

Owner—Berkeley Unified School District (Clara E. Berkey, Secy.), 2325 Milvia St., Berkeley.

Architects—Will G. Corlett & Henry H. Gutterson, 1801 Bank America Building, Oakland.

Contractors—H. J. Christensen Co. & W. E. Lyons Const. Co., 1955 Webster St., Oakland.

Contract awarded on Prop. 1, for work complete.

BIDS REJECTED

LOS ANGELES, Calif.—Los Angeles Board of Education Oct. 17, rejected bids received Oct. 5 for general

work and painting for a 2-story classroom bldg. and a 2-unit shop bldg. to be built at the Bret Harte junior high school, 9301 S. Hoover St., a PWA project. New bids will be asked. Awards for plumbing, heating and ventilation, and electric wiring held in abeyance. Architect Walter E. Erkes, 1211 Rives-Strong Bldg., prepared the plans for the classroom unit. Plans for the shop unit were prepared by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

BIDS REJECTED

LOS ANGELES, Calif.—Los Angeles Board of Education Oct. 17 rejected bids received Sept. 21 for demolition of the auditorium bldg. at the John Adams Jr. high school, 151 W. 30th St., a PWA project. Work will be included in the general contract for a new bldg. to be erected on the site. 15

October 21, 1938

BIDS WANTED

NEAR DOWNEY, Los Angeles Co., Calif.—Until Nov. 5, 11 A. M., (tentative date), bids will be received by Alameda Elementary School District for a 1-story school bldg. to be built in the Alameda elementary sch. near Downey, a PWA project. T. C. Kistner, architect, 412 Architects' Bldg., L. A.; Wm. T. Wright, structural engineer. Plans will be available about Oct. 24; no deposit required. 15

LOW BIDDER

SAN DIEGO, Calif.—Chas. L. Hoskins, 1764 Kettner Blvd., San Diego, submitted low bid to San Diego Board of Education, at \$127,000, for two gym bldgs. to be built at the Herbert Hoover high school, San Diego, a PWA project. Kistner & Curtis, 675 Spreckels Theater Bldg., San Diego, architects; Wm. T. Wright, structural engineer. 15

Completing Plans

SCHOOL BLDG. Cost, \$78,752
VALLEJO, Solano Co., Cal.
Addition of girls' physical education building and equipment at Senior high school.
Owner—Vallejo Unified School District (Elmer Cave, Supt. of Sch.)
Architect—John J. Donovan, 950 Parker St., Oakland.
Plans will be completed and bids asked shortly.

Bids Opened

DEMOLISH BLDG. Cost, \$.....
IRVINGTON, Alameda Co., Calif.
Demolish portion of present Irvington School preparatory to construction of new one-story grammar school building to contain seven classrooms, gym-auditorium, etc.
Owner—Irvington Elementary School District.
Architect—George E. Ellinger, 1801 Casterdine Road, Oakland.
Low bidder: George Swanstrom, 1615 78th Ave., Oakland, \$1,485.
Recommendation made PWA that contract be awarded low bidder.
Only other bid submitted by D. W. Nicholson, Oakland, at \$2,100.
Bonds were voted Sept. 27 in the amount of \$42,000, which proceeds together with PWA grant, will finance construction of the new school building, estimated at \$76,364.

Bids Wanted—To Close Nov. 26.

SCHOOL BLDG. Cost, \$120,000
EUGENE, Ore. University of Oregon campus.
Three-story brick classroom bldg.
Owner—State Board of Higher Edu-

cation, Charles D. Byrne, Secty., Oregon Bldg., Portland.
Architect—Lawrence, Holford, Allyn & Bean, Failing Bldg., Portland.

AWARDS RECOMMENDED

FORT BRAGG, Mendocino Co., Cal.
—Following low bidders were recommended for awards to the PWA by the Fort Bragg Union High School District for furnishings and equipment:

- Opera Chairs**
Gill-Mann Co., 160 2nd St., San Francisco, \$4,934.80.
- Stage Equipment**
Gill-Mann Co., S. F., \$1,621.29.
- Auditorium Drapes**
Gill-Mann Co., S. F., \$1,417.
- Steel Lockers**
Lyons Metal Products Inc., 582 Market St., S. F., \$2,927.94.
- Gym Bleachers**
Fred E. Turner, 857 Market Street San Francisco, \$1,848.85.
- Furniture**
Rucker Fuller Co., 539 Market St., San Francisco, \$1,918.

Bids Opened

SHOP BLDG.
MAXWELL, Colusa Co., Calif.
One-story frame and stucco agricultural shop bldg. at the high school.
Owner—Maxwell Union High School District.
Architect—O. A. Delchmann, 321 Bush St., S. F.

Low bidder: H. C. Mathiesen, Maxwell, \$15,599.70.

Recommendation made to PWA that contract be awarded the low bidder.

- Complete bids follow:
H. C. Mathiesen, Maxwell, \$15,599.70.
- Shalz Const. Co., Chico, \$15,780.
- A. J. Honper, S. F., \$16,250.
- F. H. Neilson, Orland, \$17,968.
- Carlen Const. Co., S. F., \$19,500.
- Peter Sartorio, S. F., \$19,998.

Completing Plans

SCHOOL Cost, \$164,756
VALLEJO, Solano Co., Calif.
Construction of new Lincoln School.
Owner—Vallejo Unified School District (Elmer Cave, Supt. of Sch.)
Architect—John J. Donovan, 950 Parker St., Oakland.

Completing Plans

SCHOOL BLDGS. Cost, \$201,245
SONORA, Tuolumne Co., Calif.
Two-story auditorium bldg., seating about 750, with music room and administrative office and two-story classroom bldg.
Owner—Sonora Union High School District, J. E. Baer, Clerk.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
Bonds voted recently in the amount of \$110,000, together with PWA grant of \$91,245 will finance construction.

Prospective Bidders

SCHOOL Est. Cost, \$70,000
BENICIA, Solano Co., Calif.

One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.

Owner—Benicia Unified School District.
Architect—Harold H. Weeks, 533 Market St., San Francisco.
Bonds in the amount of \$38,500 were voted August 9.

Plans and specifications obtainable at the architect's office upon deposit of \$20, returnable.

As previously reported, bids will be received until November 3, 7 P. M., and opened at 8 P. M. of that

date in the office of the Benicia High School.

Following have taken out plans:
F. G. Henderson, Box 71, Benicia.
Willis F. Lynn, 1037 Ashmount Avenue, Oakland.

Carl N. Swenson Co., 355 Stockton Ave., San Jose.
N. H. Sjoberg & Son, 5604 E 16th St., Oakland.

Central Calif. Const. Co., Inc., 115 Burrows St., San Francisco.

C. M. Teigland, 525 49th St., Oakland.

Nielsen & Erbentraut, 201 S. Market St., San Jose.
E. T. Leiter Sons, 811 3rd Street, Oakland.

Grant-Martinelli Const. Co. 44 Mary St., San Francisco.

Prospective Bidders

ADDITIONS AND ALTERATIONS SANTA CLARA, Santa Clara Co.
Additions and alterations to girls' gymnasium at the high school.
Owner—Santa Clara Un. High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA grant of \$10,000 will aid in financing.
Plans and specifications obtainable at the architect's office upon deposit of \$20.00.

As previously reported, bids will be received until Nov. 3, 7:30 P. M., and opened at 8 P. M. of that date in the office of Board of Trustees, Santa Clara Union High School.

Following have taken out plans:
A. J. Hopper, 243 Langton Street, San Francisco.

Dan Caputo, 985 Dalmas Ave., San Jose.

Nielsen & Erbentraut, 201 S. Market St., San Jose.

Carl N. Swenson Co., 455 Stockton Ave., San Jose.

N. H. Sjoberg & Son, 5604 E 16th St., Oakland.

Central Calif. Const. Co., Inc., 115 Burrows St., San Francisco.

Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Bids Opened

ADDITION Cost, \$35,000
BRISBANE, San Mateo Co., Calif.
Frame and stucco addition to grammar school.

Owner—Visitation Elementary School District, Ethel Jonas, Clerk.
Architect—Thomas. M. Edwards, No. 9 Geary St., S. F.

Low bidder: John E. Branagh, 116 Monticello Ave., Piedmont, \$26,700.

- Total bids follow:
John E. Branagh, \$26,700.
- Frank J. Reilly, \$27,431.
- R. A. McLean & Co., \$27,498.
- C. C. Newman, \$27,593.
- G. W. Williams Co., \$27,597.
- Miller Const Co., \$27,965.
- Chas. J. Pedersen, \$29,362.
- Wm. Martin, \$29,945.
- Oliver S. Almie, \$30,479.
- F. F. Reilly, \$31,400.
- John Looman, \$33,960.

Bids taken under advisement.

Bids Opened

SCHOOL
GRASS VALLEY, Nevada Co., Cal.
High school building to contain five classrooms and gymnasium; reinforced concrete construction.

Owner—Grass Valley Union High School District, L. Plisk, Clerk.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Low bidder: Campbell Construction Co., 800 R St., Sacramento.

Recommendation was made to PWA that contract be awarded low bidder at \$143,868, which includes deduction of five alternate proposals.

Total basic bids follow:

Campbell Constr. Co., Sacramento,
\$152,343.
Azevedo Constr. Co., Sacramento,
\$154,600.
Moore & Roberts, S. F., \$161,000.
H. W. Robertson, Sacramento, \$161,
741

Contract Awarded

SCHOOL. Cont. Price, \$24,892
GONZALES, Monterey Co., Calif.
Frame addition to high school to con-
tain science classroom and girls'
locker and shower room.
Owner—Gonzales Union High School
District.
Architect—Chas. E. Butler, 7 Win-
ham St., Salinas.
Contractor—Harold Geyer, 574 Main
St., Monterey.

BIDS WANTED

PHOENIX, Ariz.—Until Nov. 2, 8
P. M., bids will be received by School
District No. 38, Mariposa County,
Arizona, for the construction of an
addition to the Madison School in
Phoenix, a PWA project. Cost, \$49,-
000. Plans and specifications may be
obtained from Architects Lescher &
Mahoney, 1100 Title & Trust Bldg.,
Phoenix, upon deposit of \$10.

Contract Awarded

ADDITION. Cont. Price, \$36,995
COLUSA, Colusa Co., Calif.
Addition to contain 6 classrooms at
the grammar school.
Owner—Colusa Elementary Sch. Dist.
Architect—Starks & Flanders, Bank
of America Bldg., Sacramento.
Contractor—Otto Steinbrenner, 2146
Perkins Way, Sacramento.

**Bids Wanted—To Close Nov. 9,
2 P. M.**

SCHOOL BLDGS. Cost, \$272,000
KLAMATH FALLS, Oregon.
Four units of eventual 12-unit school
building program as follows (Item
B) gym addition to Merrill High
School; (Item C) gym addition to
Bonanza High School; (Item
D) classroom addition to Malin
High School; (Item E) classroom
addition to Fairhaven Grammar
School.
Owner—Klamath County School Dis-
trict, Jean K. Porter, Clerk.
Architect—Howard Perrin, Klamath
Falls.

Plans and specifications obtainable
from the architect upon deposit of
\$20 per set; 5% bid security required.

Contract Awarded

SCHOOL. Cont. Price, \$65,505
SAN LUCAS, Monterey Co., Calif.
School bldg. to contain three class-
rooms, auditorium, kitchen, etc.
Owner—San Lucas School District.
Architect—C. J. Ryland, 139 Bonifacio
Place, Monterey.
Contractor—F. C. Stolte Co., 203 Pine
St., Pacific Grove.
Gil-Mann Co., 160 2nd Street, San
Francisco, at \$950.57 awarded con-
tract for stage equipment.

Prospective Bidders.

ADDITIONS AND ALTERATIONS.
Estimated Cost, \$87,000
VALLEJO, Solano Co., Calif.
Construction of addition to Charles
F. Curry School, and alterations
and additions at Roosevelt Sch.
Owner—Vallejo Unified School Dist.,
Elmer Cave, Supt. of Schools.
Architect—John J. Donovan, 950 Par-
ker St., Berkeley.
Plans and specifications may be
obtained from the architect's office
upon deposit of \$25.00. Both schools
included in one contract.
As previously reported, bids will
be opened November 4, 8 P. M., in
the office of the M. G. Vallejo Jr.

High School, 1347 Amador Street,
Vallejo.

Following have taken out plans:
R. B. Hathaway, 1363 Louisiana
St., Vallejo.
Jas. L. McLaughlin Co., 251 Kear-
ny St., San Francisco.
Miller Const. Co., 3917 Mission St.,
San Francisco.
Central Calif. Const. Co., Ltd., 115
Burrows St., San Francisco.
E. T. Leiter Sons, 811 37th Street,
Oakland.
N. H. Sjoberg & Son, 5604 E 16th
St., Oakland.
C. M. Teigland, 525 49th St., Oak-
land.

Completing Plans

SCHOOL BLDG. Est. Cost, \$87,257
VALLEJO, Solano Co., Calif.
Addition of science building at the
Senior High School.
Owner—Vallejo Unified School Dist.,
Elmer Cave, Supt. of Schools.
Architect—John J. Donovan, 950 Par-
ker St., Berkeley.
Plans will be completed and bids
asked shortly.

Bids Opened

SCHOOL.
MARTINEZ, Contra Costa Co., Cal.
Block bounded by Almond Street,
Vine Ave., Sycamore Street and
Palm Avenue.
Construction of one-story frame Mt.
View primary school building to
contain classrooms and kinder-
garten.
Owner—Martinez School District, W.
A. Ormsby, Clerk.

Architect—Harold H. Weeks, 593
Market St., San Francisco.
Low Bidder—Carl Overaa, 2195 Roose-
velt Ave., Richmond, \$39,450.00.

Bids were received with the fol-
lowing alternate proposals, all de-
ductions:
(1) floor type in lieu of wall hung
toilets;
(2) omit painting on plaster interior
walls except in toilet rooms;
(3) omit all interior merits;
(4) omit terra cotta urns, quarry
tile, etc., at main entrance;
(5) unit prices.

Complete basic bids follow:
(A) Carl Overaa, Richmond, \$39,450.
(B) A. J. Hopper, Oakland, \$41,675
(C) C. M. Teigland, Oakland, \$42,659.
(D) E. T. Leiter Sons, Oakland, \$42,-
887.00.
(E) Willis F. Lynn, Oakland, \$43,460.
(F) Nielsen & Erbentraut, San Jose
\$43,993.
(G) Central California Const. Co., San
Francisco, \$44,844.
(H) N. H. Sjoberg & Son, Oakland,
\$45,764.

(I) H. H. Henning, Stockton, \$47,080.
Complete alternate proposals fol-
low:

(A)	(B)	(C)	(D)	
(1).... \$180.00	\$ 90.00	\$100.00	\$100.00	
(2).... 188.00	150.00	300.00	300.00	
(3).... 230.00	190.00	85.00	150.00	
(4).... 178.00	110.00	100.00	100.00	
(5).... .65	2.50	1.20	1.00	
(E)	(F)	(G)	(H)	(I)
(1) \$80.00	\$130.00	\$110.00	\$100.00	\$50.00
(2) 275.00	160.00	155.00	152.00	200.00
(3) 80.00	200.00	195.00	193.00	160.00
(4) 140.00	130.00	175.00	124.00	300.00
(5) 1.20	1.15	1.15	1.20	1.15

Prospective Bidders.

SCHOOL. Cost, \$.....
SHASTA, Shasta Co., Calif.
Construction of an elementary school
building.
Owner—Shasta Elementary School
District (John W. Strode, Clerk).
Architect—Masten & Hurd, 442 Post
St., San Francisco.
Plans and specifications may be
obtained from the architect's office
upon deposit of \$25, returnable.

As previously reported, bids will be
opened November 2, 4:30 P. M., in
the office of the County Superinten-
dent of Schools, Court House, Red-
ding.

Following have taken out plans:
John W. Hanlon, Box 61, Weav-
erville.
D. W. Nicholson, 357 12th Street,
Oakland.

Contract Awarded

ADDITIONS, ETC. Cont. Pr., \$1605
GRASS VALLEY, Nevada Co., Calif.
Construction of Unit No. 1; Addi-
tions and alterations to school
building.
Owner—Grass Valley High Sch. Dist.
(L. Prisk, Clerk).
Architect—Harry J. Devine, Cronan
Bldg., Sacramento.
Contractor—Paul I. Jenks, Route 2,
Grass Valley.

Contract Awarded

SCHOOL ADDN. Cont. Pr., \$129,885
PLACERVILLE, Eldorado Co., Cal.
Addition to the high school to con-
tain gymnasium, science room
and cafeteria.
Owner—Eldorado County High Sch.
District (Leo N. Ench, Clerk).
Architect—Harry J. Devine, Cronan
Bldg., Sacramento.
Contractor—H. W. Robertson, 3004 F
Street, Sacramento.

Sub-Contracts Awarded

SCHOOL. Cont. Price, \$150,110
NILES, Alameda Co., Calif. Second
and School Streets.

One-story school building to contain
ten classrooms, toilet rooms, li-
brary, administration office, and
auditorium to seat about 400.

Owner—Niles School District.
Architect—John J. Donovan, 950 Par-
ker St., Berkeley.
Contractor—Peter Sartorio, 369 Pine
St., San Francisco.

Reinforcing Steel—Bethlehem Steel
Co., 20th and Illinois Sts.

Structural Steel—Western Iron W'ks,
141 Beale Street.

Window Fixtures—Gleason & Rich-
ardson, 1310 63rd St., Emeryville.

Tile—Superior Tile Co., 3743 Broad-
way, Oakland.

Sheet Metal—Guilfoyle Corrice Works
1234 Howard St.

Glass and Glazing—W. P. Fuller and
Co., 301 Mission St.

Finish Hardware—Maxwell Hard-
ware Co., 1320 Washington St.,
Oakland.

Blackboards—American Seating Co.,
207 Van Ness Ave. South.

Window Shades—D. N. & E. Walter
Co., 562 Mission St.

Plumbing—J. A. Fazio, 402 Castro St.
Oakland.

Linoleum—Superior Tile Co., 3743
Broadway, Oakland.

Electric Work—Kerr & Clifford, 4010
Foothill Blvd., Oakland.

All of San Francisco unless other-
wise noted.

Bids Opened

AUDITORIUM.
SANTA ROSA, Sonoma Co., Calif.
Fremont Grammar School.
One-story frame and stucco audi-
torium to seat 600 (tile roof, steam
heating system, maple floors).
Owner—City of Santa Rosa School
District.
Architect—Clarence Caulkins, Rosen-
berg Bldg., Santa Rosa.
Low Bidder—Empire Construction
Co., Ltd., Russ Bldg., S. F., \$35,813.
Bids received with the following
alternate proposals, all deductions:
(1) alternate heating system, (2) omit
arcade connecting auditorium to pres-
ent bldg., (3) omit acoustical plaster
on auditorium walls.
Complete bids were:

Empire Constr. Co., Ltd., S. F. \$35,-813, (1) \$1800, (2) \$1400, (3) \$1200.
 M. R. Peterson, Sacto, \$36,980, (1) \$2390, (2) \$1208, (3) \$1151.
 N. H. Sjoberg & Son., S. F., \$36,-984, (1) \$1834, (2) \$1622, (3) \$1206.
 Nielsen & Erbenbraut, San Jose, \$37,975, (1) \$2500, (2) \$1450, (3) \$1100.
 J. R. Armstrong, Oakland, \$38,268, (1) \$1567, (2) \$900, (3) \$1050.
 L. C. Dunn, S. F., \$42,500, (1) \$2663, (2) \$1043, (3) \$1021.
 Bids held under advisement.

Sub Contracts Awarded
SCHOOL Cont. Pr., \$61.95
BERKELEY, Alameda Co., Cal. NE Milvia and Virginia Streets. Completion of Unit No. 1 at Whittier Elementary School.
 Owner—Berkeley Unified School Dist. (Clara E. Andrews, Secy.), 2325 Milvia Street, Berkeley.
Architects—P. L. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Allston Way, Oakland.

Structural Engineer—W. Adrian, 417 Market St., S. F.
Contractor—Villadsen Brothers, Inc., 354 Hobart St., Oakland.
Rolling Partitions and Doors—Acme Partitions Co., Inc., 3535 Peralta St., Oakland.
Painting—J. J. Burdon, Jr., 3817 Forest Hill Ave., Oakland.

Blackboard & Tack Strips—Munthe Equipment Co., 841 Howard St., San Francisco.
Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
Misc. & Ornamental Iron—Pacific Iron Works, 1155 67th St., Oak.
Tile—Brookhurst Tile Co., 2819 Shattuck Ave., Berkeley.

Metal Toilet Partitions—Dwan & Co., 126 Post St., S. F.
Class—W. P. Fuller & Co., 301 Mission St., S. F.
Stage Curtain & Window Drapes—F. E. Turner, 557 Market St., San Francisco.

Window Shades & Venetian Blinds—D. N. & E. Walter & Co., Inc., 562 Mission St., S. F.
Linoleum—Linoleum Studios, 2615 Telegraph Ave., Oakland.
Plumbing & Heating—Madden Plmb. and Heating Co., 3103 San Pablo Ave., Oakland.

Membrane, Dampproofing, Sheet Metal Work & Kalamine Work—Central Sheet & Roofing Co., 3246 Ettie St., Oakland.
Plastering—Wm. Makin, 2141 Livingston St., Oakland.
Sprinklers—Grinnel Co., 601 Brannan St., S. F.
Mill Work—Pacific Mfg. Co., 1315 7th St., Oakland.

Bids Opened
JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif. One - story frame and brick veneer in Industrial Arts Building; known as Unit 3 (concrete floors, tile roof, etc.)
 Owner—City of Santa Rosa Junior College District.
Architect—Clarence Cankins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Empire Const. Co., Ltd., Russ Bldg., San Francisco, \$30,779
 Bids were taken as follows:
 General Construction:
 (1) deduct if plastering of walls and ceiling of exhibit room omitted;
 (2) deduct if electrical fixtures in entire building are omitted;
 (3) deduct if the museum portion of the building, which includes Office No. 1, and vault, workroom No. 2, exhibit room No. 3 are omitted; and end wall of wood-work room exterior are veneered with brick according to brick-

work specifications.
 Complete bids follow:
Empire Const. Co. Ltd., San Francisco, \$30,779; (1) \$680; (2) \$420; (3) \$11,000.
Louis Halvorsen, Santa Rosa, \$31,-750; (1) \$848; (2) \$427; (3) \$10,100.
M. R. Peterson, Sacramento, \$32,-706; (1) \$760; (2) \$448; (3) \$11,700.
Nielsen & Erbenbraut, San Jose, \$34,495; (1) \$1000; (2) \$600; (3) \$9500.
Wm. D. Rapp, Santa Rosa, \$35,300 (1) \$975; (2) \$469; (3) \$12,500.
Frank J. Reilly Co., San Francisco \$35,431; (1) \$977; (2) \$416; (3) \$11,-796.
Azevedo Const. Co., Sacramento, \$37,000; (1) \$830; (2) \$500; (3) \$12,-300.

James L. McLaughlin, San Francisco, \$37,299; (1) \$1336; (2) \$427; (3) \$11,648.
N. H. Sjoberg & Son, Oakland, \$37,-464; (1) \$747; (2) \$610; (3) \$12,448.
Louis C. Dunn, San Francisco \$37,-730; (1) \$862; (2) \$400; (3) \$11,036.

Contract Awarded
ADDITION cont. Pr., \$125,884
WOODLAND, Yolo Co., Calif.
 New 2-story annex addition to the Woodland High School.
Owner—Woodland High School District.
Architects—Dragon & Schmidts, 2068 Allston St., Oakland.
Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Prospective Bidders
SHOP & GYM Cost, \$150,000
EL CERRITO, Contra Costa Co., Cal. S. E. cor. Eureka Ave. and Key-Route Right-of-Way.
 New shop building and gymnasium building for El Cerrito High Sch. District. (W. T. Helms, Secy.)
Owner—Richmond Union High Sch. Architects—Dragon & Schmidts, 2068 Allston St., Oakland.
 Plans and specifications obtainable for general contractors at the office of the architects upon deposit of \$25.

As previously reported, bids will be opened Nov. 1, 3 P. M., at the office of the Board of Education, Richmond.
 Following have taken out plans:
 Elmer J. Freethy, 224 16th Street, Richmond.
 Villadsen Bros., Inc., 354 Hobart St., Oakland.
 K. E. Parker Co., 135 So. Park, S.F.
 Carl N. Swenson Company, 355 Stockton Ave., San Jose.
 Peter Sartorio, 369 Pine Street, San Francisco.
 N. H. Sjoberg & Son, 5604 E. 16th St., Oakland.
 W. K. Van Bokkelen Const., 439 23rd St., Oakland.
 Central California Const. Co., Inc., 115 Burrows St., S. F.
 E. T. Lelter Sons, 811 37th Street, Oakland.
 Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., S. F.
 F. C. Stolte Co., 1405 San Antonio Ave., Ala.
 H. J. Christensen Co., & W. E. Lyons Const. Co., 1955 Webster St., Oakland.

SUB CONTRACTS AWARDED
STRATHMORE, Tulare Co., Calif. —Trehwitt-Shields & Fisher, 1501 Pacific Southwest Building, Fresno, reports the following sub contracts awarded for the construction of a new one-story frame and stucco sch. building at Strathmore, a PWA project. Plans prepared by Architect H. J. Gogerty, 6722 Yucaea St., Hollywood.
Plumbing, Heating & Sheet Metal—J. E. Pettijohn & G. E. Haddican, P. O. Box 141, Delano.

Electric Wiring—American Electric Const. Co., 462 Bryant St., S. F.
Tile Work—Premier Marble and Tile Co., 1112 Fair Oaks Ave., L. A.
Glass—W. P. Fuller & Co., 1246 Fulton St., Fresno.
Venetian Blinds—National Venetian Blind Co., 1770 Sichel, L. A.
Reinforcing Steel—Ceco Steel Products Corp., 1280 Indiana St., S.F.
Lumber—Spalding Lumber Company, Strathmore.
Mill Work—Madary Planing Mill and Box Co., Santa Clara and H Sts., Fresno.
Hardware—Union Hardware & Metal Co., 1001 N. Mansfield Ave., L.A.

BIDS WANTED
LOS ANGELES, Calif.—Until Nov. 2, 2 P. M., new bids will be received by the Los Angeles Board of Education for the general work and painting of a classroom building and a 2-unit shop building to be built at the Bret Harte Jr. high school, Hoover St. bet. 92nd and 94th Sts., including equipment and furnishings, landscaping and sprinkler work, a PWA project. Plans for the classroom unit were prepared by Architect Walter E. Fikes, and for the shop unit by architectural section of the board. A. S. Nibecker, Jr., architect. Bids for the plumbing, heating and ventilation and electric wiring have already been taken. 15

Contract Awarded
SCHOOL BLDG. Cont. Price, \$36,759
MILJ. VALLEY, Marin Co., Calif. Tamalpais Park School.
 One-story eight-classroom and auditorium elementary school building, concrete construction first floor, frame and stucco second floor, tile roof.
Owner—Mill Valley School District. Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Structural Eng.—Carl W. Zollner, San Francisco.
Contractor—Peter Sartorio, 369 Pine St., S. F.
 Contract awarded on basis of acceptance of first 12 alternates.

BIDS WANTED
LOS ANGELES, Calif.—Until Nov. 4, 2 P. M., bids will be received by the Los Angeles Board of Education for assembly building, Unit E, at the Louis Pasteur Jr. high school, 18th St. bet. Point View St. and Hayward Ave., a PWA project. Bids will be taken as follows: General work; plumbing; heating and ventilating; electric wiring. Sumner P. Hunt, architect; Wm. Mellema, structural engineer; E. J. Filtingwood, mechanical engineer; Donald P. Love, acoustical engineer. 15

16—BANKS. STORES AND OFFICES

Sub Contracts Awarded
ALTERATIONS & ADDITIONS
FRESNO, Fresno Co., Calif. N. E. Fulton and Merced Sts.
 Addition of two stories and alterations to present two-story bldg. (125x150), interior and exterior remodel, air conditioning system, elevator, etc.
Owner—Short Estate, Fresno.
Lesee—Montgomery-Ward & Co., Chicago, Ill.
Plans by Eng. Dept. of Lessee.
Contractor—Trehwitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
Roofing—C. L. Frost, 165 Webster St., Monterey.

Plumbing—Barrett-Hicks Co., 1027 Broadway, Fresno.

Electric Wiring—Electric Const. Co., 831 Fulton St., Fresno.

Heating—Carnar Engineering Co., Chicago.

Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave., Fresno.

Tile Work—Premier Hile and Marble Co., 1112 Fair Oaks Ave., L. A. Glass—W. P. Fuller & Co., 1246 Fulton St., Fresno.

Structural Steel—Western Iron and Metals Co., 2500 Santa Fe Ave., Los Angeles.

Iron Grille Work & Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

Steel Stairs—Woodbridge Ornamental Iron Co., Chicago.

Metal Partitions—Trask & Squier Co., Inc., 39 Natoma St., S. F. Lumber—Valley Lumber Co., H and Mono Sts., Fresno.

Mill Work—Madary Planning Mill and Box Co., Santa Clara & H Sts., Fresno.

Painting—Frank P. Schultz, 1901 Fresno St., Fresno.

Concrete—Grant-Service Rock Co. T. W. Patterson Bldg., Fresno.

Art Marble—Mastercraft Art Marble Co., Chicago.

Marble—Musto-Keenan Co., 1801 S. Soto St., L. A.

Elevator—Otis Elevator Co., 931 Van Ness St., Fresno.

Contract Awarded
OFFICE BLDG. Cost, \$.....
SAN FRANCISCO. SW First and Mission Streets.

One-story frame office building.
Owner—G. M. Crocker, 275 Bush St.
Architect—Albert Lansburgh, 321 Bush Street.

Engineer—Wm. Adrian, 417 Market.
Contractor—Cahill Bros., 206 Sansome Street.

Plans Being Figured — Bids Close
Nov. 4, 11 A. M.

BANK BLDG.
SAN FRANCISCO, West Portal Ave., approx. 145 ft. S.W. Vincente Street.

One-story frame bank bldg.
Owner—American Trust Co.
Plans by Eng. Dept. of Owner.

Plans are being figured by a closed selected list of contractors.

Construction Underway
REMODEL BLDG.
MERCED, Merced Co., Calif., 18th and L Streets.

Remodel exterior of business and professional building.

Owner—C. Ray Robinson and A. E. Montgomery.

Architect—Charles E. Butner, 7 Winham St., Sallinas.

Contractor—C. L. Camerson & Son., P. O. Box 244, Merced.

Contract Awarded
STORES, ETC.
BERKELEY, Ala. Co., Calif. Shattuck Avenue between Center and Addison Streets.

One-story reinf. concrete store bldg. and ticket office (two stores, S. P. ticket office) steel trusses, composition roofing, etc.

Owner—Withheld.

Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

October 27, 1938

Bids Opened
BANK
BERKELEY, Alameda Co., Cal. Milvia and Center Streets.

Five-story and basement reinforced concrete, Class B Farm Credit

Administration Bldg., 11th Dist. (172x100-ft.)

Owner—Farm Credit Administration.

Architect—Jas. W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Low Bidder—K. E. Parker Co., 135 South Park, San Francisco, \$551,300.

General bids were received with the following alternate proposals: (1) deduct for "A" double-strength glass; (2) deduct for geared type elevators; (3) deduct for gas-fired boilers.

Complete bids follow:
K. E. Parker Co., San Francisco: \$551,300; (1) \$5,223; (2) \$8,083; (3) \$900.

Lindgren & Swinerton, San Francisco, \$562,265; (1) \$5,231; (2) \$8,083; (3) \$850.

Dinwiddie Const. Co., San Francisco, \$568,000; (1) \$5,000; (2) \$8,000; (3) \$800.

MacDonald & Kahn Co., Ltd., San Francisco, \$574,475; (1) \$5,268; (2) \$9,000; (3) \$1,000.

Anderson & Ringrose, San Francisco, \$621,756; (1) \$5,500; (2) \$11,000; (3) \$925.

P. J. Walker Co., San Francisco, \$638,900; (1) \$5,500; (2) \$10,000; (3) \$800.

Bids held under advisement.

(2979) 1st report Aug. 5; 6th, Oct. 14, 1938.

18—WHARVES & DOCKS

CONTRACT AWARDED

SEAL BEACH, Los Angeles Co., Cal.—Anso Const. Co., 2725 Atlantic Ave., Long Beach, awarded contract by Seal Beach city council at \$103,750, for construction of creosoted timber pier, 180 ft. long, with concrete approach, lighting system, iron rail and appurtenant work.

18

Contracts Awarded
PARTITION WORK
YERBA BUENA SHOALS, Treasure Island.

Partition work for air base.

Owner—Pan American Airways, Alameda and San Francisco.

Plans by Engr. Dept. of Owner.

Contractor—D. W. Nicholson, 357 12th St., Oakland.

W. H. Picard Inc., 4166 Broadway, Oakland, awarded contract for plumbing work.

Bids received for heating, and ventilating still held under advisement.

19—MISC. CONSTRUCTION

BIDS WANTED

SAN DIEGO, Calif.—Until Nov. 1, 11:00 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 9040, for core borings at the Naval Operating Base (Destroyer Base), San Diego.

Work includes the furnishing of a complete drilling outfit and the making of 13 core borings and the procurement of core samples from each core boring to determine soil conditions. Each core boring will be 75 feet deep.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

19

CONTRACT AWARDED

SAN FRANCISCO and Alameda Cos., Calif.—Abbett Electric Co., 126 Sears St., San Francisco, at \$16,491 awarded contract by the State De-

partment of Public Wks, San Francisco-Oakland Bay Bridge Division, Sacramento, for the construction of telephone system of the railway facilities of the San Francisco-Oakland Bay Bridge.

Contract Awarded
GYMNASIUM Cont. Pr., \$25,992
UPPER LAKE, Lake Co., Calif.

One-story frame and stucco gymnasium bldg. at Upper Lake High School.

Owner—Upper Lake Union High Sch. District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—R. S. Knight, Rt. 4, Box 662, Santa Rosa.

BIDS WANTED

OAKLAND, Cal.—As previously reported until November 2, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 1895, for furnishing approximately 1450 flanged steel clamp plates and 1425 steel wing plates.

Plans and specifications may be obtained from the above office.

BIDS OPENED

COLUMBIA BASIN PROJ., Wash.—Nat McDougall Co., Portland, at \$272,718, submitted low bid to the U. S. Bureau of Reclamation, Coulee City, Wash., under Spec. No. 804, for the construction of the Leavenworth Station for migratory fish control, Columbia Basin Proj., Wash.

Total bids follow:

Natt McDougall Co., Portland, \$272,718.00.

Morrison - Knudsen Co., Inc., Boise, Idaho, \$336,334.50.

Barnard - Curtiss Co., Minneapolis, Minn., \$337,290.00.

Colonial Bldg. Co., Alloway & Georg, Max J. Kunesy, Spokane, \$377,757.

Winston Bros. Co., Kern and Kibbe, Portland, \$380,620.30.

Macri Bros., Seattle, \$437,155.50.

L. Romano Engr. Corp., Seattle, \$564,925.00.

Unit prices are on file at the office of the Daily Pacific Builder, 465 10th St., San Francisco.

19

BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1 Drum Street, San Francisco, at \$540 submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-125, for furnishing, driving and removing test piles in the vicinity of Mine Wharf, Fort Winfield Scott, San Francisco.

Estimated quantities:

(1) Furnish, drive and remove two 30-ft. timber piles;

(2) Furnish, drive and remove two 40-ft. timber piles;

(3) Furnish, drive and remove one 50-ft. timber pile;

(4) Furnish, drive and remove three 60-ft. timber piles.

Complete bids follow:

Healy-Tibbitts Constr. Co., S. F., A. W. Kitchen & Co., S. F., (1) \$92,540.

A. W. Kitchen & Co., S. F., (1) \$2, (2) \$96, (3) \$99, (4) \$104, total \$787.

Duncanson Harrelson Co., S. F., (1) \$93, (2) \$97, (3) \$101, (4) \$105, total \$796.

Ben C. Gerwick Inc., S. F., (1) \$90, (2) \$95, (3) \$100, (4) \$115, total \$850.

M. F. McGowan Inc., S. F., (1) \$100, (2) \$110, (3) \$120, (4) \$141, total \$963.00

19

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

SACRAMENTO, Calif.—Hardware Contracting Co., Los Angeles, at \$1,145 submitted low bid and awarded contract by the State Bureau of Purchases, State Capitol, Sacramento, for furnishing builders' hardware for Nursery Ward; fob Spadra.

California Hardware Co., Los Angeles, at \$1337.35 submitted only other bid. 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Azusa Rock and Sand Co. and Arrow Rock Co., bidding jointly, at \$19,960, disc. \$20 yd. 25th prox., were awarded contract by U. S. Engineer, L. A. for 12,500 cu. yds. coarse aggregate and 7500 cu. yds. sand, Invit 172. 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 22,000 tons of stone for making paving stone for railroad cars contractor's shipping point or delivered to job-site, Los Angeles River between Soto St. and Downey Road, Inv. 174, were received by U. S. Engineer, Los Angeles, as follows:

G. L. Scofield, Inc., \$80 ton, \$17,600 net; fob Bakersfield.
Shannahan Bros., \$85 ton; \$18,700 net; fob Blythe.

Baker Stone Co., \$1.05; \$23,100; fob Blythe.
Rohi-Connelly Co., \$1.10; \$24,200; net; Ormand.

Haines Canyon Rock Co., \$1.58; \$34,760; if delivery is made between 8 p. m. and 6 a. m. add \$25 ton; disc. \$20 ton 25th prox.; fob jobsite.
Owl Truck & Matis. Co., \$2.59, \$56,980; disc. \$10 ton 25th prox.; fob job site. 20

BIDS OPENED

SACRAMENTO, Cal.—J. R. Reeves, P. O. Box 1072, Sacramento, at \$596 submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-107, for furnishing and delivering 400 c. y. of road rock; fob Rio Vista.

Total bids follow:
J. R. Reeves, Sacramento, \$1.49 per c. y., total, \$596.

A. Teichert & Son, Inc., Sacramento, \$1.55 per c. y., total, \$620.
H. Sykes, Patterson, \$2.20 per c. y., total \$880.

Basalt Rock Companies, Inc., Napa, \$2.32. 20

BIDS OPENED

DENVER, Colo.—Monolith Portland Midwest Cement Co., at \$134 bbl., f.o.b. Monolith, submitted low bid to the Bureau of Reclamation Purchasing Agent, Denver, under Bid No. B-14745-A for 4000 bbls Portland cement in paper bags, for use at Yuma. The other bids were:
Riverdale Cem. Co., \$1,375, f.o.b. Crestmore.

Graham Bros., \$1.53, f.o.b. Long Beach.

California Portland Cement Co., \$1.58, f.o.b. Colton.

Southwestern Portland Cement Co., \$1.744, f.o.b. Victorville. 20

CONTRACT AWARDED

FORT MASON, Calif.—Smith Lumber Co., 4th and Channel Sts., San Francisco, at \$210, 2% 10th prox., f.o.b. Dawson, Oregon, submitted low bid and was awarded contract by the Constructing Quartermaster, S. F., and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-28, for 16,800 bd.

ft. Douglas Fir lumber; f.o.b. Presidio of S. F.

Total bids follow:
Smith Lumber Co., \$210, f.o.b. Dawson, Oregon; \$379.60, f.o.b. destination; 2% 10th prox.

Allen & Dettmann Lumber Co., \$445.20, f.o.b. destination; 2% 10 days.

Loope Lumber Co., \$248.52, f.o.b. Columbia Junction, Wash., 2% 10th prox.

Rolando Lumber Co., \$386.40, f.o.b. destination; 2% 30 days. 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for water stops and other material required in installation of stops at Headgate Rock Dam, Parker, Ariz., Invit 491, were opened by U. S. Indian Irrigation Service, L. A. The items are:

- (1) 4080 l.f. std. 9-in. water-stop;
- (2) 30 each. std. cross;
- (3) 1 only deformed cross;
- (4) 1 only deformed cross;
- (5) 1 only mold for std. cross;
- (6) 2 only mold for deformed cross.

F. O. B. Parker, Ariz. and/or bidder's shipping point.

The bids were:
Crown Products Co., Ralston, Neb., \$3570.80, f.o.b. Omaha, 870 lbs.; disc. 2% 10 days. Acceptance 60 days.

Gates Rubber Co., \$3589.20, f.o.b. Parker, Ariz.; \$3320 f.o.b. Denver, Colo., wt. 12,200 lbs., including moulds, 10,460 lbs. net wt. of rubber; disc 2% 30 days. Acceptance 60 days.

B. F. Goodrich Co., Akron, Ohio, \$4271, f.o.b. Parker, Ariz., shipping point, Akron, wt. 12,950 lbs.; items 5 and 6, net; balance 2% 10 days. Acceptance 60 days. 20

BIDS REJECTED

MADERA CO., Calif.—The Madera County Board of Supervisors, Court House, Madera, rejected all bids for furnishing lumber; f.o.b. Berenda Slough, Madera Co. 20

BIDS OPENED

PANAMA CANAL, C. Z.—Bids for 60,000 bbls. fuel oil. Sched. 3388, opened by General Purchasing Officer, the Panama Canal, Wash., D. C., were:

Socony-Vacuum Oil Co., New York City, \$46,680.

Tidewater Associated Oil Co., San Francisco, \$49,080.

General Petroleum Corp., Los Angeles, \$49,128.

Texas Co., New York City, \$49,200.
Arrow Oil Co., New York City, \$51,600.

Union Oil Co., L. A., \$53,400.
Standard Oil Co., New York City, \$57,300.

Petrol Corp., L. A., \$57,744.
Shell Oil Co., San Francisco, \$60,000. 20

CONTRACT AWARDED

OAKLAND, Calif.—Spears Wells Machinery Co., 1832 W. Ninth St., Oakland at \$110.50 per day, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for paving existing pavement for the remainder of the existing fiscal year 1938-1939. Price per day, 8-hour day. 20

BIDS OPENED

OAKLAND, Calif.—Until Nov. 9, 1:00 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for furnishing rubber insulated and rubber sheet cable.
Plans and specifications may be obtained from the above office. 20

BID CALL RESCINDED

BERKELEY, Alameda Co., Calif.—Berkeley City Council, Florence Turner, City Clerk, rescinded the bid call for furnishing welded steel pipe. Bids were called for Nov. 1. 20

CONTRACT AWARDED

PARKER, Ariz.—Gates Rubber Co. awarded contract by U. S. Indian Irrigation Service, Los Angeles, for water stops and other material required in installation of stops at Headgate Rock Dam, Parker, Ariz. Invit. 491. 20

CONTRACT AWARDED

OAKLAND, Calif.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$35,099.60 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. LS 222, for furnishing 27,400 l.f. of cast iron pipe. 20

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif.—Eureka Boiler & Steel Products Co., 700 of T Street, Eureka, at \$6,520.00 awarded contract by the Eureka City Council, John Griffith, Supt. of Public Works, for furnishing 5500 feet of pipe for the Eureka Water Dept.
Other bids were:

Johns-Manville Company..... 6,520.00
H. H. Bunhe Company..... 6,657.50 20

BIDS OPENED

OAKLAND, Calif.—American Cast Iron Pipe Co., Sharon Building, San Francisco, at \$729.20 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 1.S 223, for furnishing 2140 cast iron bell and spigot water pipe fittings of 4- and 12-inch diameters.
Total bids follow:

American Cast Iron Pipe Co.
San Francisco \$7,292.40
Phoenix Iron W'ks, Oakland 7,501.55
Grinnell Co. of the Pacific,
San Francisco 7,523.85
Santa Fe Foundry Co..... 8,082.80 20

BIDS WANTED

OAKLAND, Cal.—Until November 2, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing steel clamps for the Verryman Reservoir roof.

Plans and specifications may be obtained from the above office.

CONTRACTS AWARDED

SAN FRANCISCO, Calif.—Smith Lumber Co., Fourth and Channel Sts., San Francisco, at \$744.81, 2% 10 days, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-39-122, for furnishing Douglas Fir lumber; f.o.b. Fort Cronkhite, Marin Co.
Total bids follow:

Smith Lumber Co., San Francisco, \$744.81, 2% 10 days.

Loop Lumber Co., \$745.89, 2% 30 days.

Rolando Lumber Co., \$751.27, 2%- 30 days.

Paick Lumber Co., \$761.68, 2% 10 days.

Geo. E. Miller, 886.69, 2% 10 days, 1% 20 days.

E. K. Wood Lumber Co., \$778.21, 2% 10 days, 1% 20 days.

James L. Hall, \$790.69, 2% 20 days.
Allen & Dettman, \$812.07, 2% 10 days.

Sullivan Lumber Co., partial bid, no total, 2% 10 days. 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classed as follows:

- | | |
|-------------------------------------|--------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewing |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until Nov. 17, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 807, for the construction of the superstructures for Sacramento River Bridge, third and fourth crossings, relocation of Southern Pacific Railroad, Kennett Division, Central Valley project. Work is located near Delta, Calif.

The bridges will be steel bridges. The bridge for the third crossing will have a total length of about 758 feet, with a central truss span 202 feet 6 inches long and six plate-girder approach spans, each approximately 92 feet long. The bridge for the fourth crossing will have a total length of about 308 feet and will consist of three plate-girder spans each 100 feet long from center to center bearings. The superstructures will be supported on concrete piers and abutments to be constructed under a separate contract.

The work includes the construction of the timber decks and the laying of the track on the bridges.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$2.50 per copy, not returnable.

BIDS OPENED

LAKE COUNTY, Cal.—Harry Thorsen, 1519 Kearney St., St. Helena, at \$1700.00 submitted low bid and was recommended for award of contract by the Lake County Board of Supervisors, W. M. Patterson, County Clerk, Court House, Lakeport, for the construction of the Detert Bridge across Buck Snort Creek on the Butts Canyon Road in Dist No. 1, Lake Co.

Total bids follow:
Harry Thorsen, St. Helena...\$1,700.00
Beach & Co., Lakeport.....2,250.00
C. C. Gildersleeve, Berkeley, 2,410.00
Roy A. Woodward, Lakeport 2,510.00

BIDS OPENED

LAKE COUNTY, Cal.—Harry Thorsen, 1519 Kearney St., St. Helena, at \$1890.00 submitted low bid and was recommended for award of contract by the Lake County Board of Supervisors, W. M. Patterson, County Clerk, Court House, Lakeport, for construction of the Harbin Springs Bridge No. 2, located about 4 miles from Middletown on Harbin Springs Road in Dist. No. 1, Lake County.

Total bids follow:
Harry Thorsen, St. Helena. \$1,890.00
Roy A. Woodward, Lakeport, 2,250.00
Beach & Co., Lakeport..... 2,648.00

BIDS OPENED

SACRAMENTO CO., Cal.—Monson Bros., 475 Sixth St., San Francisco, at \$21,492.13 submitted low bid to the Sacramento County Board of Supervisors, Thos. F. Patterson, County Clerk, Court House, Sacramento, for construction of a timber and concrete trestle at Del Paso Station, Sacramento County.

Work involves:

- (1) Removal of old structure;
- (2) 676 c.y. struc. excav.;
- (3) 173 c.y. class "A" concrete abutment;
- (4) 28,218 M.B.M. Redwood caps, posts, sash bracing, cross bracing, fire stops, sheathing in place;
- (5) 28.00 M ft. B.M. Redwood stringers, scabs and bridging in place;
- (6) 10.868 M. ft. B.M. Redwood sub flooring in place;
- (7) 201 c.y. class "A" conc. in deck in place;
- (8) 39,235 lbs. reinf. steel in place;
- (9) 10,904 M.B.M. Redwood railing material in place;
- (10) 420 c.y. roadway fill in place;
- (11) 240 tons crusher run base;
- (12) 400 gals. liq. asphalt SC-1A in place;
- (13) 24 tons coarse screenings in place;
- (14) 16 tons fine screenings in place;
- (15) 800 gals. liq. asphalt 95 plus in place.

Total bids follow:

- (A) Monson Bros., San Francisco, \$21,492.13.
- (B) P. F. Bender, Sacramento, \$21,502.53.
- (C) Holdener Const. Co., Sacramento \$23,184.95.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$510.00	\$250.00	\$350.00
(2).....	1.05	2.00	1.75
(3).....	16.50	16.00	15.00
(4).....	91.00	93.00	109.00
(5).....	95.00	95.40	100.00
(6).....	100.00	85.17	98.00
(7).....	12.25	12.50	14.35
(8).....	.05	.0475	.045
(9).....	122.00	135.00	176.00
(10).....	.85	.50	.65
(11).....	2.45	2.80	2.40
(12).....	.10	.10	.25
(13).....	4.15	3.40	3.50
(14).....	5.10	4.20	3.60
(15).....	.125	.12	.22

BIDS OPENED

LAKE COUNTY, Cal.—Harry Thorsen, 1519 Kearney St., St. Helena, at \$2040.00 submitted low bid and was recommended for award of contract by the Lake County Board of Supervisors, W. M. Patterson, County Clerk, Court House, Lakeport, for the construction of Harbin Springs

Bridge located about 4 miles from Middletown on the Harbin Springs Road in Dist. No. 1, Lake County.

Total bids follow:

Harry Thorsen, St. Helena...\$2,040.00
Beach & Co., Lakeport.....2,275.00
Roy A. Woodward, Lakeport 2,450.00

BIDS WANTED

CLACKAMAS CO., Ore.—Until Nov. 9, 9:00 A. M., bids will be received by Oregon State Highway Commission, Portland, in behalf of Clackamas County, for construction of the Shipley bridge on Market Road No.

12. The work involves:
 - (1) 250 c.y. struc. excav.;
 - (2) 1,900 lf. found. piling;
 - (3) 3,100 lf. trestle piling;
 - (4) 263 c.y. concrete;
 - (5) 33,500 lbs. metal reinf.;
 - (6) 20 MFBM lumber;
 - (7) 294 lf. trestle superstructure;

Estimated cost, \$47,400. Plans and specifications are available from Clackamas county engineer, Oregon City, and at office of State Highway Commission, Portland, upon deposit of \$5.

CONTRACT AWARDED

SIERRA COUNTY, Cal.—E. T. Lessor, 87 Ross Circle, Oakland, at \$3,510 awarded contract by the State Division of Highways, Sacramento, for removing and disposing of existing reinforced concrete bridge over North Fork of the North Fork of the Yuba River at Downieville, Sierra County.

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

COOS CO., Oregon.—Until Nov. 22, 3:00 P.M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-202, for repairing the north jetty at the entrance to Coos Bay, requiring the construction of tramways, and the furnishing and placing of about 225,000 tons jetty stone and 2030 cu. yds. cement concrete, Coos County, Ore.

Work involves:

- (1) 270 each removal of old tramway piles;
- (2) 34,000 lf. piling, Douglas Fir;
- (3) 4,000 lf. cut-off piling, at 1/2 the price bid for piling, in place;
- (4) 600 M. ft. B.M. lumber, Douglas Fir;
- (5) 13,000 lbs. bolts, drift;
- (6) 25,000 lbs. bolts, machine, including washers;
- (7) 17,000 lbs. spikes, shipe and wire;
- (8) 6,000 lbs. spikes, railroad (for fastening cables to piles and caps);
- (9) 19,000 lf. cable, wire, (not less than 3/4-inch diameter);
- (10) 8300 lbs. straps, steel;
- (11) 1300 each metal pile shoes;
- (12) 225,000 tons stone, jetty;
- (13) 2030 cu. yds. concrete;
- (14) 17,000 lbs. anchor chains;
- (15) 3400 lbs. reinforcing steel for concrete;
- (16) 1 job, construction of pile foundation and timber pit and track scale.

Plans and specifications may be obtained from the above office.

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street

Sacramento : California

BIDS WANTED

CLARK CO., Wash.—Until Nov. 22, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-51, for dredging a channel 300 feet wide and 15 feet deep at low water, in Columbia River between Interstate Bridge at Vancouver, Washington, and Camas, Washington, a distance of about 13 miles. Work involves: 1,743,000 cu. yds. dredging and disposal of dredge material.

Plans and specifications may be obtained from the above office; and may be seen at the office of the Division Engineer, 500 Pittcock Bloc, Portland, Oregon. * 22

BIDS WANTED

ORANGE COUNTY, Calif.—Until November 17, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing about 0.15 mile embankment protection at Doheny Park at the mouth of San Juan Creek (VII-ORA-60-C), Orange Co.

Work involves:

- (1) clear and grub;
- (2) 200 M. gals. water;
- (3) 2 c.v. remove concrete;
- (4) 11,200 c.y. rdwy. excav., unclass.
- (5) 1,050 c.y. struc. excav.;
- (6) finish rdwy.;
- (7) 14,000 lbs. bar reinf. steel;
- (8) 1,700 sq. yds. mesh reinf.;
- (9) 150 c.y. Class A Portland conc. struc.;
- (10) 650 lf. cutoff wall steel sheet piling;
- (11) 64 each rod anchors cut off wall
- (12) 290 c.y. Class A Portland cement conc. slope pave.;
- (13) 70 lf. 18-in. CMP;
- (14) 1 each 18-in. automatic drainage gate.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 22

23— CANALS

CONTRACTS AWARDED

MODESTO, Stanislaus Co., Calif.—The Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th Street, Modesto, awarded the following contracts in the amount of \$64,993.55, for construction of concrete lining, concrete pipe and concrete structures in the canals and service ditches of the Modesto Irrigation District. Engineer's estimate, \$65,955.23.

Awards were:

- S. M. McGaw, Modesto: (Sch. 14) \$4,818; (23) \$21,412.50; (46) \$8,046.50; (86) \$2,725; (98) \$2,808.
- T. C. Tunsen, Modesto, (15) \$12,921.
- M. E. Lankard, Denair, (43) \$6,578.
- Stanislaus Concrete Products Co., Modesto: (10) \$1405.20; (92) \$332.10.

BIDS WANTED

RIVERTON PROJECT, Wyo.—Until November 10, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Riverton, Wyo., for the construction of earthwork and structures. Pilot canal, station 1570 to station 1841, Pilot canal laterals 31.0 to 34.9, and sublaterals, Pilot Division, Riverton Project, Wyo.

Estimated quantities follow:

- (1) 178,000 c.y. all classes of excavation for laterals;
- (2) 1,000 sta. c.v. overhaul;
- (3) 8050 c.y. all classes excavation for structures;
- (4) 15,100 c.y. blackfill about struc.;
- (5) 3830 c.y. concrete;
- (6) 600 sq. yds. grouted paving;
- (7) 200 c.y. cobble riprap;

- (8) Placing 334,000 lbs. reinforcement bars;
- (9) Erecting 38 MFBM of timber in structures;
- (10) laying 2580 lf. 18- to 48-in. diameter lock-joint conc. pipe;
- (11) installing 12,500 lbs. gates;
- (12) installing 7,000 lbs. misc. metal-work.

Plans and specifications may be obtained from the above office and from the offices of the Bureau of Reclamation at Denver and Washington, D. C. No charge to prospective bidders for specifications; to others, \$3.00 per copy. * 23

BIDS OPENED

YAMHILL CO., Ore.—Parker-Schram Co., Portland, at \$69,625, submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Ore., under Bid No. 698-39-169, for (a) clearing, bank sloping, gravel excavation, gravel borrow, and the construction of approximately 900 feet of stone revetment on the left bank of Lambert Slough; (b) construction of approximately 450 feet stone revetment on the left bank of the Willamette River in the vicinity of Lambert Slough; placing of 12,200 tons stone in reinforcing and raising the Wheatland Dam at the head of Lambert Slough; (c) clearing, gravel borrow, earth borrow, and construction of approximately 380 feet of stone revetment on the right bank of Lambert Slough and necessary appurtenant work, all located in the Yamhill County District Improvement Company No. 1, Yamhill Co., Oregon.

Total bids follow: Parker-Schram Co., Portland, (a) \$26,845; (b) \$31,720; (c) \$11,060, total \$69,625.

Joplin & Eldon, Portland, (a) \$28,555; (b) \$32,940; (c) \$9,253, total \$70,748.

Babler Bros., Portland, (a) \$30,600; (b) \$32,940; (c) \$10,200, total \$73,740. Stimulated: Would not accept Location "C" by itself.

Edliefsen-Wevgandt Co., Portland, (a) \$31,685; (b) \$34,770; (c) \$10,240, total \$76,695.

Contracting Officer's Estimate, (a) \$26,749; (b) \$28,609; (c) \$11,622.75, total \$66,980.75. * 23

25— MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-39-127, for rental of (1) one 80-h.p. tractor equipped with bulldozer with operator for 200 hours; and (2) one 60-h.p. tractor, equipped with bulldozer with operator for 200 hours use on Uvas Creek.

Bids were:

- Roberts Island Dredging & Improvement Co., Antioch, (2) \$6.00.
- Denn Inv. Co., (1) \$7.50; (2) \$6.50.

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 2, 2 P. M., bids will be received by the L. A. Water & Power Purchasing Agent, D. P. Nicklin, for furnishing centrifugally cast or horizontally sand cast iron bell and spigot water pipe and/or Transite asbestos-cement water pipe and adapter, Spec. 2519. The items are:

- (1) 20,000 ft. 6-in. I. D. cast iron pipe, wall thickness 0.43 in. and inside

cem. lining 1/16-in. thick, deliv. f.o.b. trucks Hewitt St. Pipe Yd., L. A., beginning 42 cal. days after award;

- (2) 20,000 ft. 6-in. I. D. cast iron pipe, wall thickness 0.43 in. and inside cem. lining 1/16-in. thick, deliv. f.o.b. trucks Vester and Aetna Sts. Yard, Van Nuys, beginning approx. 42 cal. days after award;

- (3) 15,000 ft. 6-in. I. D. cast iron pipe, wall thickness 0.43-in. with inside cem. lining 1/16-in. thick, deliv. f.o.b. trucks, Vester and Aetna Sts. Yard, Van Nuys, beginning approx. 49 cal. days after award;

- (4) 20,000 ft. 8-in. I. D. cast iron pipe, wall thickness 0.5-in. and inside cem. lining 1/16-in. thick, deliv. f.o.b. trucks Hewitt St. Pipe Yard, L. A., beginning approx. 49 cal. days after award;

- (5) 15,000 ft. 8-in. I. D. cast iron pipe, having a wall thickness of 0.5-in. and inside cem. lining 1/16-in. thick, deliv. f.o.b. trucks, Vester and Aetna Sts. Pipe Yard, Van Nuys, beginning approx. 56 cal. days after award;

- (6) 5000 ft. 6-in. I. D. cast iron pipe, having an inside cem lining 1/16-in. thick, deliv. f.o.b. trucks Vester and Aetna Sts. Pipe Yards, Van Nuys, approx. 49 cal. days after award.

ALTERNATE ITEM (6):

- (a) 5000 ft. 6-in. I. D. Transite asbestos-cement water pipe, deliv. f.o.b. trucks, Aetna and Vester Sts. Pipe Yard, Van Nuys, beginning approx. 49 cal. days after award;

- (b) 40 6-in. cast iron adapters for Transite asbestos-cement water pipe, deliv. f.o.b. trucks, Vester and Aetna Sts. Pipe Yard, Van Nuys, approx. 49 cal. days after award;

- (7) 5000 ft. 8-in. I. D. cast iron pipe, having inside cem. lining 1/16-in. thick, deliv. f.o.b. trucks Vester and Aetna Sts. Pipe Yard, Van Nuys, beginning approx. 49 cal. days after award.

ALTERNATE ITEM (7):

- (a) 5000 ft. 8-in. I. D. Transite asbestos-cement pipe, deliv. f.o.b. trucks, Vester and Aetna Sts. Pipe Yard, approx. 49 cal. days after award;

- (b) 62 8-in. cast iron adapters for Transite asbestos-cement water pipe, deliv. f.o.b. trucks Vester and Aetna Sts. Pipe Yard, Van Nuys, beginning approx. 49 cal. days from date of award.

OPTION—The dept. desires the right and option, during a period of six months after date of award of contract to purchase additional Transite pipe appurtenances as follows:

- (u) 6-in. rubber gaskets for Simplex couplings;
- (v) 8-in. rubber gaskets for Simplex couplings;
- (w) 6-in. Simplex couplings;
- (x) 8-in. Simplex couplings;
- (y) 6-in. cast iron adapters;
- (z) 8-in. cast iron adapters.

CONTRACT AWARDED

BONNEVILLE, Ore.—General Elec. Co., Schenectady, N. Y. at \$1,478,289 awarded contract by the U. S. Engineer Office, Bonneville, under Bid No. 694-39-19, for furnishing and installing two 60,000 kva alternating current generators and auxiliaries, two sets of anchor bolts, and embedded plates for two additional 60,000 kva alternating current generators for the powerhouse at Bonneville.

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of one 60-70-h.p. (drawbar rating), track-laying type tractor with hauler or angledozer, for use on Roosevelt Highway at Pt. Mogul, about 8 miles SE of Oxnard, for approximately 20 to 30 working days, were opened by the State Highway Department, Los Angeles as follows:

Denni Inv. Co., 64 Allis-Chalmers, \$5.20.
A. S. Vinnell Co., 68 Caterpillar 1937, \$6.49.
Oilfields Truck Co., Caterpillar 1937 \$6.00.

C. R. Butterfield-Kennedy Co., 77 Caterpillar Diescl 1934, \$6.75.
Silva & Hill Const. Co., 75 A-C, \$6.25.

Claude Fisher Co., Ltd., 60 Caterpillar 1929, rebuilt 1937, \$5.75.
Dimmitt & Taylor, 83 Caterpillar 1933, \$5.75. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a dragline shovel and a tractor for use at San Gabriel Canyon, opened by the State Highway Dept., Los Angeles, are:

Lewis Const. Co.: (1) 80 NW 1936, \$12; (2) \$7.50.
B. W. Kuhn (1) 80 NW 1936, \$14; (2) \$11.50.
A. S. Vinnell Co.: (1) no bid.; (2) 1936 Caterpillar tractor, \$7.48. 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-126, for rental of ½-ton pick-up truck for 30 days for use in the vicinity of Uvas Creek.

Bids were:
Evans Auto and Truck Rental, \$44 per month, delivery San Francisco; \$65.00 per month for Gilroy.
Bay Auto Company, \$71.50 per mo.
Joe Bonsangue, \$7.00 per day.
Hertz Drive-up-self, \$65.00 per mo. 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1128-D, for furnishing and delivering two flowmeters for measuring the flow of water through 115,000-h.p. hydraulic turbines for installation in the Boulder power plant Boulder Canyon Project; f.o.b. shipping point and/or Boulder City, Nev. Apparatus will be installed by the Government.

Bids were:
Fred W. Kolb, San Francisco, \$1-425, wt. 1200; net; f.o.b. Providence, R. I.
Bailey Meter Co., Cleveland, \$1625, wt. 1650; net; f.o.b. Cleveland.
The Denver Fire Clay Co., Denver, \$2,115, wt. 1600; Alt. \$1805, wt. 1000; disc. 1%; f.o.b. Boulder City, Nev. 25

BIDS OPENED

GRAND COULEE, Wash.—Following submitted bids to the U. S. Bureau of reclamation, Denver, Colo., under Spec. No. 786, for furnishing and delivering (1) three 150,000-h.p., 120-r.p.m., vertical shaft, hydraulic turbines; and (2) three oil-pressure, actuator-type governors for the 150,000-h.p. turbines for installation in the Grand Coulee power plant, Columbia Basin Project.

Bids were:
Newport News Shipbuilding & Dry Dock Co., Newport News, Va., (1) \$1,419,400, wt. 4,500,000; net; fob Newport News, Alternate: (1) \$1,477,200, wt. 4,635,000; net; fob Newport News.

Ill., (2) \$67,854, wt. 97,200; net; fob Woodward Governor Co., Rockford Rockford, Alternate: (2) \$77,514, wt. 115,500; net; fob Rockford.
S. Morgan Smith, York, Pa., (1) \$1,995,650, wt. 5,720,000; net; fob York.
Baldwin-Southwark Corp., Eddy-stone, Pa., (1) \$1,757,000, wt. 5,262,000; net; fob Eddy-stone; (2) \$77,514, wt. 115,500; net; fob Rockford. Combination, \$1,830,000; net.

Allis-Chalmers Mfg. Co., Milwaukee, Wis., (1) \$1,589,600, wt. 4,900,000; (2) \$89,000, wt. 125,000; net; fob West Allis, Wis. Comb. \$1,663,600; net. 25

BIDS OPENED

SAN DIEGO, Cal.—A. Edmondson, Los Angeles, at \$2.60 per hour, no charge for moving time, submitted low bid to the State Highway Dept., San Diego, for the rental of six 6-c.y. dump trucks for use in shifts of 7 to 8 hours each. The other bids were:
A. A. Alexander, Los Angeles: \$2.60 hour (bid withdrawn).

V. R. Dennis Const. Co.: \$2.85; moving in, \$7.00.
R. E. Hazard & Sons: \$2.85.
M. J. McGrath: \$2.85.
J. F. Pierce: \$2.85; moving in \$15.
S. Bonsangue: \$2.85; moving in \$15.
Russell Higgins: \$2.85; moving in \$10.00. 25

BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until November 7, 7:30 P. M., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, for a mechanical street sweeper with accessories at a cost not to exceed \$4,500; fob Petaluma.

Plans and specifications available from above office. 25

BIDS OPENED

SAN BERNARDINO, Calif.—Weaver-Rye Tractor Co., 13th and P Sts., Sacramento, at \$4,302, disc. \$50, 30 days, submitted low bid to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 19583, Req. No. 1962, for furnishing one 10-ft. diesel-powered, dual drive, motor grader with scarifier, elec. lights and self starter; f.o.b. San Bernardino.

Brown Bevis Equipment Co., Los Angeles, at \$5150, disc. 15% 30 days, submitted only other bid. 25

October 25, 1938

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hal, under Bid No. 2093, for furnishing and delivering generator voltage regulating equipment for Moccasin Power House.

Total bids follow: (a) full price; (b) credit allowed for existing equipment; (c) net, including credit deduction:

Westinghouse Elec. & Mfg. Co. (a) \$13,420.65; (b) \$750; (c) \$12,670.65.
General Electric Co. (a) \$14,260.35; (b) \$960; (c) \$13,300.35. Alternate: (a) \$13,657.80; (b) \$780; (c) \$12,877.80.
Allis-Chalmers Mfg. Co., (a) \$15,752.82; (b) \$1452; (c) \$14,300.82. 25

BIDS OPENED

BONNEVILLE, Ore.—General Electric Co., Schenectady, N. Y., at \$89,080, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-24, for furnishing and delivering 15 kv. feeder circuit-breakers, and metal-enclosed busses for the Bonneville Project, Oregon.

Allis-Chalmers Mfg. Co., Milwaukee, at \$95,155, submitted only other bid. 25

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until Nov. 29, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for furnishing electric generating equipment for a hydro power plant, located at Drop No. 3 on the All-American Canal about 20 miles east of Calexico, in accordance with plans and specifications No. 1-B or file at the office of the board, El Centro, and copies may be obtained upon deposit of \$10 per set. The equipment required is as follows:

One 7500 H. P. hydraulic turbine; One generator; One 6000-kva generator. This is a PWA project, under Doctet No. Calif. 1083-2P-D. Certified or cashier's check or bid bond for 5% must accompany each proposal. W. W. Goodson, secretary; M. J. Dowd, chief engineer. 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until Nov. 10, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., Under Spec. No. 1134-D, for furnishing and delivering four 16-ft. 7-inch by 5-ft top-seal radial gates, two 14-foot by 5-foot top-seal radial gates, four 5,000-pound capacity motor-driven radial-gate hoists, and one 10,000-pound capacity motor-driven radial-gate hoist for installation at drop No. 1 and five 9-foot 6-inch by 10-foot top-seal radial gates for installation at the Coachella turnout, All-American canal system, Boulder Canyon Project, Arizona-California-Nevada. F.O.B. shipping point and/or Calexico.

Plans and specifications may be obtained from the above office, no charge to prospective bidders; to others, \$2.00 not returnable. 25

BIDS OPENED

FRUITVALE, Oakland, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 20710, Req. No. 13558, for one 10-ft. dual-drive, diesel powered motor-grader with scarifier; f.o.b. Fruitvale, Oakland, Calif.

Bids were:
Weaver Tractor Co., Sacramento, \$4079, disc. \$500.00 30 days.

Harron Rickard & McCone Co., San Francisco, \$4,976. Alt. \$5064, disc. \$79.83 30 days.

Knox Hale Machinery Co., S. F., \$4358, \$500.20 20 days.

Spears Wells Machinery Co., Oakland, \$5993, 2% 30 days. 25

26—RAILROADS**BIDS WANTED**

CENTRAL VALLEY PROJ., Cal.—As previously reported, until Nov. 14, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Supervising Engineer, Old Post Office Bldg., Sacramento, under Spec. No. 806 for construction of earthwork tunnels and structures. Southern Pacific Railroad re-location, milepost 287.8 to milepost 288.725, Kennett Div., Central Valley Project. The work is located near Delta, Calif.

Work involves:
(1) 10 acres clearing right of way;
(2) 41,200 c.y. excav., common, for rdwv.;
(3) 58,200 c.v. do, rock, for rdwv.;
(4) 493,500 sta. c.y. overhaul;
(5) 265 M. gals. water for moistening embankment materials;
(6) 45 roller hours rolling embank.;
(7) 3000 c.y. riprap;

- (8) 9000 c.y. excavation, common, for struc.;
- (9) 3700 c.y. do, rock, for struc.;
- (10) 35,000 c.y. excav., all classes, in tunnels;
- (11) 379,000 lbs. furnish and install perm. steel tunnel supports;
- (12) 33 MFBM furnish and erect permanent timbering in tunnels;
- (13) 700 lf. const 8-in. longitudinal tunnel drains;
- (14) 18,000 lbs. install metal drain and weep pipes in tunnels;
- (15) 800 lf. drill weep holes in tunnels;
- (16) 8700 c.y. concrete in tunnel lining except in inverts;
- (17) 600 c.y. concrete in tunnel inverts;
- (18) 1850 c.y. concrete in tunnel portals;
- (19) 70 c.y. concrete in struc. except in bridge piers and abutments;
- (20) 1200 c.y. concrete in footings of bridge piers;
- (21) 3400 c.y. concrete in bridge piers above footings;
- (22) 830 c.y. concrete in bridge abutments;
- (23) 840,500 lbs. placing reinf. bars;
- (24) 6000 bs. placing rag bolts, anchor bolts & anchor bolt sleeves
- (25) 650 sq. yds. special finishing of concrete surf.;
- (26) 350 sq. yds. dry rock paving;
- (27) 12,000 c.y. backfill about struc.;
- (28) 2000 c.y. compacting backfill about struc.;
- (29) 148 lf. laying 24-in. corr. metal pipe;
- (30) 72 lf. constructing 8-in. perf. pipe track drains;
- (31) 8100 lf. installing elec. conduits in tunnels;
- (32) 0.5 miles construct barbed wire right of way fences.
- (33) 0.5 mile construct woven wire right of way fences.

This invitation for bids does not cover purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor, and those furnished by the Government are described in the specifications which will be a part of the contract.
 Copies of the standard forms and of the specifications may be obtained from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C. No charge to bona fide prospective bidders; \$2.50 per set to others. 26

BIDS OPENED

SAN FRANCISCO.—H. S. Tittle Co. Inc., 85 Columbia Square, San Francisco, at \$9,250 submitted low bid to the S. F. Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 179, for constructing a trolley system for the bay bridge loop. The system will be installed along First and Fremont Sts. and along the north side of the Bay Bridge Terminal.
 Total bids follow:
 H. S. Tittle Co. Inc., S. F., \$9,250.00.
 Alta Elec. & Mech. Co., \$9,626.00.
 Geo. F. Brayer, \$9,898.00.
 Abbett Elec. Co., \$19,037.00. 26

CONTRACT AWARDED

SAN FRANCISCO.—H. S. Tittle Co., Inc., 85 Columbia Square, San Francisco, at \$9,250 awarded contract by the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 179, for constructing a trolley system for the bay bridge loop. The system will be installed along First and Fremont Streets and along the north side of the Bay Bridge Terminal. 26

29— STREETS AND HIGHWAYS

BIDS WANTED

- SAN DIEGO CO., Calif.**—Until Nov. 17, 2:00 P. M. bids will be received by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for about 3.239 miles grading, constructing br'ges, and Type B-1 road mix surface course, on Section A (3) of Federal Lands Highway Project No. 5, Kane Springs-Oceanside Highway, Pala Indian Reservations, San Diego Co., Calif.
 Work involves:
 (1) 36 acres clearing;
 (2) 36 acres grubbing;
 (3) 128,500 c.y. unclass. excav.;
 - (4) 2,020 c.y. unclass. excav. for structures;
 - (5) 31,000 c.y. unclass. excav. for borrow;
 - (6) 475,000 sta. yds. overhaul;
 - (7) 16,100 c.y. miles borrow haul;
 - (8) 136 tons slow curing asphalt Type SC-2 for bituminous treatment;
 - (9) 3,203 miles B-1 road mix surfacing laid;
 - (10) 215 tons slow curing asphalt Type SC-4 for Class B road mix;
 - (11) 19 tons cutback asphalt (Type RC-1) for Class B seal;
 - (12) 973 c.y. concrete;
 - (13) 172,220 lbs. reinforcing steel;
 - (14) 1,574 lf. corr. galv. sheet metal pipe;
 - (15) 98 lf. corr. galv. sheet metal siphon pipe;
 - (16) 4 each corr. galv. sheet metal pipe elbows;
 - (17) 3 each spillway inlets—Type A;
 - (18) 1,200 lf. concrete piling;
 - (19) 100 c.y. loose riprap;
 - (20) 2 each drop inlets—18-Inch;
 - (21) 2 pairs cast steel frame and gratings;
 - (22) 22 each right of way monuments;
 - (23) 30,500 lf. barbed wire fence;
 - (24) 10 each gates;
 - (25) 18 each culvert markers;
 - (26) 9 each culvert posts;
 - (27) 11,000 lf. remove and dispose of existing fence.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 29

LOW BIDDERS

COCONINO CO., Ariz.—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, at \$110,589.52 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for about 3.577 miles grading and placing surfacing base on Section B of Route 7, the Oak Creek National Forest Highway, Coconino County, Ariz.
 The three low bids follow:
 Pearson & Dickerson Contractors, Inc., Prescott, \$110,589.52
 W. E. Orr, " " " " 119,148.10
 Oswald Bros., Los Angeles 128,837.99
 Complete bids will be published shortly. 29

CONTRACT AWARDED

MILL VALLEY, Marin Co., Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$5,068.77 awarded contract by the Mill Valley City Council, Will Valley, City Clerk, City Hall, Mill Valley for the construction and completion of the necessary grading of sub-grade, the installation and construction of 2 by 6 header boards and the surfacing with penetration macadam pavement on Molino Ave. from Montford Ave. to Janes Street in the City of Mill Valley. 29

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids were received and contracts awarded by the State of Washington Director of Highways, L. V. Murrow, Olympia, for highway construction, as follows:

Okanogan County: Clearing, grading, draining and surfacing about 9.5 miles of Primary State Highway No. 16, Methow to Carlton, U. S. Public Works Proj. No. Wash. 1332-F (Unit 1), in Okanogan County, involving about 346,600 c.y. of excavation, 26,660 c.y. of crushed stone surfacing, 149 c.y. of concrete, 10,540 lbs. of steel reinforcing bars, 5,178 lf. of irrigation pipe, 13 MBM. of treated timber and lumber, 4094 lf. of pipe culverts, and other items.
 Awarded: C. E. O'Neal Co., Inc., 900 E 10th, Ellensburg, \$165,018.

Other Bidders: Max J. Kuney Co., Spokane, \$174,892; Norris Bros., Burlington, \$179,986; Slisms-Spokane Co., Spokane, \$191,390; Goetz & Brennan, Seattle, \$199,027; Clifton & Applegate, Spokane, \$212,187; A. C. Greenwood Co., Inc., Portland, \$246,433; Roy L. Bair, Spokane, \$223,750; Parker-Schram Co., Portland, \$245,180; L. Romano Engr. Corp., Seattle, \$270,383.

Skagit County: Clearing, grading, draining and surfacing with screened gravel on about 2.2 miles of Secondary State Highway No. 1-I, H. Conaway to McMurray, U. S. Public Works Project No. Wash. 1341-F (Unit 3), in Skagit County, involving about 16 acres of clearing, 71,420 c.y. of excavation, 7,720 c.y. of selected roadway borrow, 4,550 c.y. of screened gravel surfacing, 3,075 lf. of cable guard rail Design No. 6, 300 lf. of half round corr. metal gutter, 763 lf. of pipe culverts and other items.
 Awarded: Norris Bros., Burlington, \$35,524.

Other Bidders: Northwest Const. Co., Inc., Seattle, \$36,121; L. J. Dowell, Inc., Seattle, \$39,874; A. W. Stevens Const. Co., Vernon, \$40,420; American Pile Driving Co., Everett, \$40,634; Robert Nordlund, Mt. Vernon, \$44,098; C. V. Wilder, Bellingham, \$44,922; Halloran Bros., Seattle, \$44,915; E. E. Rockey and Son, Dayton, \$49,246; L. Coluccio, Seattle, \$49,894.

Pierce County: Clearing, grading, and surfacing about 18 miles of Primary State Highway No. 5, Sumner to Buckley (Eli Hill Section), Federal Aid Project No. 278-A, in Pierce County, involving about 19 acres of clearing, 307,770 c.y. of excavation, 4,380 c.y. of crushed stone surfacing, 7000 lf. of cable guard rail design No. 6, 4,500 lf. of half round corr. metal gutter, 2,245 lf. of water pipe, 2,816 lf. of pipe culverts, and other items.
 Awarded: Northwest Const. Co., Inc., 3950 6th NW, Seattle, \$96,273.

Other bidders: Acme Const. Co., Seattle, \$103,502; Parker-Schram Co., Portland, \$107,329; S. C. Gray, Puyallup, \$113,861; A. C. Greenwood, Portland, \$119,218; N. Florito, Inc., Seattle, \$119,215; Mirene Co., Portland, \$120,192; Harrison Bros., Tacoma, \$17,592; Rogers Const. Co., Yakima, \$131,857; Frank McHugh, Tacoma, \$139,800; L. Romano Engr. Corp., Seattle, \$144,393; Erickson Paving Co., Seattle, \$149,157; C. L. Creelman, Seattle, \$157,559; Florito Bros., Inc., Seattle, \$125,000; L. Coluccio, Seattle, \$122,721.

Thurston and Grays Harbor Cos.: Clearing, grading, draining, paving with Portland cement concrete and constructing three treated pile and timber trestles on about 0.2 mile of Primary State Highway No. 9, Rochester-West Bridges, Federal Aid Project No. 179-B, in Thurston and Grays Harbor Cos., involving about

COCHISE CO., ARIZ.—HWY. CONSTR.—(STATE)

4,915 c.y. of excavation, 50 sq. yds. and 42 c.y. of cement concrete pavement, 130 c.y. of concrete, 47 MBM of treated timber and lumber, 31,800 lbs. of steel reinf. bars, 450 l.f. of timber guard rail, Type No. 3, 2,140 l.f. of treated timber piling, 45 l.f. of pipe culverts and other items.

Awarded: Olympia Pipe Driving Co., Port Townsend, \$19,945.

Other Bidders: M. P. Munter, Seattle, \$521,583; F. E. Wilder, Olympia, \$24,848; Grays Harbor Const. Co. and Creech Bros., Aberdeen, \$23,981.

Thurston County: Clearing, grading, surfacing and constructing a railroad undercrossing on about 1.3 miles of Secondary State Highway No. 1-M, Rochester North, Federal Aid Secondary Project No. FAS 207-C and Federal Aid Grade Crossing Project No. FAGS 207-B, in Thurston County, involving about 8 acres of clearing, 54,000 c.y. of excavation, 3,450 c.y. of crushed stone surfacing, 228 c.y. of concrete, 3,195 l.f. cable guard rail design No. 6, 13,410 lbs. of steel reinf. bars, 135,000 lbs. of structural steel, 9,400 lbs. of cast steel, 10 MBM of treated and 9 MBM of untreated timber and lumber, 3,360 l.f. of untreated piling, 870 l.f. of half round corr. metal gutter, 374 l.f. of pipe culverts and other items.

Awarded: F. E. Wilder, Route 2, Olympia, \$51,884.

Other Bidders: Newton Const. Co., Seattle, \$57,354; Graham Brothers & Medley, Chehalis, \$62,508.

Kittitas County: Clearing, grading, draining, surfacing and manufacturing and stockpiling mineral aggregates (oil rock) on about 1 mile of Secondary State Highway No. 2-E, Forest Boundary South, Federal Aid Secondary Project No. FAS 15-A, in Kittitas County, involving about 8 acres of clearing, 8,570 c.y. of excavation, 5,330 cu. y. of selected roadway borrow, 2,220 c.y. of crushed stone surfacing, 750 cu. y. of mineral aggregates (oil rock), 402 l.f. of pipe culverts and other items.

Awarded: Joslin & McAllister, N. 303 Haven, Spokane, \$16,884.

Other Bidders: Hallstrom & Hallstrom, Seattle, \$19,482; L. Coluccio, Seattle, \$23,058.

Pierce and King Counties: Clearing, grading, draining and surfacing on about 2.8 miles of Secondary State Highway No. 5-D, Pierce County line to Kit's Corner, Federal Aid Secondary Project No. FAS 2-B, in Pierce and King Counties, involving about 20 acres of clearing, 105,630 c.y. of excavation, 17,730 c.y. of selected roadway borrow, 4,290 c.y. of screened gravel surfacing, 5,620 l.f. of cable guard rail design No. 6, 9 MBM of treated timber and lumber, 1,194 l.f. of pipe culverts and other items.

Awarded: Northwest Const. Co., Inc., 3959 6th NW., Seattle, \$47,801.

Other Bidders: Frank McHugh, Tacoma, \$53,795; Acme Const. Co., Seattle, \$54,883; James R. Coyle, Seattle, \$57,057; J. J. Dowell, Inc., Seattle, \$58,017; N. Florito, Inc., Seattle, \$58,352; Erickson Paving Co., Seattle, \$59,193; Parker - Schram Co., Portland, \$59,359; L. Coluccio, Seattle, \$61,501; L. Romano Engr. Corp., Seattle, \$94,478.

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$3,183.22 submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for street improvement on Curtis Avenue, San Jose.

A. J. Ralsch, San Francisco, at \$3,657.03 submitted only other bid.

COCHISE COUNTY, Ariz.—Tanner Const. Co., Phoenix, at \$125,322.20 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Stetins Pass Highway, FA 130-6-1 (1939) AFE 8608. The work, which is to begin at the town of San Simon and is to extend easterly 4.7 miles, consists of grading, draining, aggregate base course, and oil processing (SC-2 road oil mix), and is to be completed on or before May 15. The work involves:

- (1) 23,250 cu. yd. rdy. excav., unclass.
- (2) 16,200 cu. y. drainage do;
- (3) 7650 l.f. grader ditches;
- (4) 2414 cu. y. struc. excav., unclass.
- (5) 22,679 sta. yds. overhaul;
- (6) 2398 cu. y. ml. haul;
- (7) 19,585 cu. y. imported borrow;
- (8) 52,997 cu. y. select material;
- (9) 16,256 tons agg. base course;
- (10) 5600 cu. y. stripping pits;
- (11) 3365 M. gals. sprinkling;
- (12) 932 hours rolling;
- (13) 871 cu. y. Class A concrete;
- (14) 762 cu. y. Class D concrete;
- (15) 246,970 lbs. reinf. steel;
- (16) 14,013 lbs. struc. steel;
- (17) 46 ft. 8-in. CMP;
- (18) 64 ft. 18-in. CMP;
- (19) 399 lf. 24-in. CMP;
- (20) 84 ft. 43-in. CMP;
- (21) 900 cu. y. plain riprap;
- (22) 1 each cattle guard (C-6) (5-unit);
- (23) 2 each cattle guards (C-6) (2-unit);
- (*) 38,150 standard line fence;
- (25) 21 each standard wire gates.

- (26) 4135 ft. concrete piles;
- (27) 116 each driving piles (concrete);
- (28) 70 ft. concrete test pile;
- (29) 1 each driving do (40-ft. conc.);
- (30) 1 each driving do (30-ft. conc.);
- (31) 2 each loading tests;
- (32) 460 ft. of rail bank protection, type A;
- (33) 28 each guide posts;
- (34) 40 each right of way markers, type A;
- (35) 9471 tons mineral aggregate;
- (36) 120,595 gals. road oil, SC-2 (road mix);
- (37) 4,666 miles processing road mix;
- (38) 922 tons screenings;
- (39) 128 tons emulsified asph., Class A (seal coat);
- (40) 481 sq. yds. placing intersections;
- (41) lump sum, processing and hauling road mix (for stockpile);
- (42) 250 ft. 2-in. galv. water pipe (with fittings).

- The total bids were:
- (A) Tanner Const. Co., Phoenix, \$125,322.20.
 - (B) Warren Southwest, Inc., Los Angeles, \$128,918.16.
 - (C) Pearson & Dickerson, Prescott, \$134,094.15.
 - (D) Lee Moor Contr. Co., El Paso, \$134,866.36.
 - (E) J. A. Casson, Phoenix, \$141,542.71.
 - (F) Oswald Bros., Los Angeles, \$145,235.43.
 - (G) Daley Corp., San Diego, \$146,366.61.
 - (H) W. E. Hall Const. Co., Phoenix, \$153,601.10.
- The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	.17	.18	.19	.20	.18	.20	.40	.25
(2)	.14	.18	.15	.20	.18	.15	.20	.20
(3)	.03	.03	.05	.05	.05	.05	.05	.05
(4)	.65	.50	.80	.75	1.00	.85	.70	.75
(5)	.01	.01	.015	.01	.01	.04	.01	.01
(6)	.20	.25	.22	.25	.30	.30	.20	.30
(7)	.26	.31	.25	.27	.27	.28	.25	.32
(8)	.25	.29	.26	.27	.27	.28	.25	.32
(9)	.38	.41	.47	.48	.50	.55	.68	.58
(10)	.11	.10	.17	.12	.15	.18	.10	.10
(11)	1.00	1.00	1.15	1.25	2.50	1.65	1.00	1.75
(12)	2.50	2.60	2.50	3.00	3.00	3.00	3.00	3.00
(13)	18.00	18.00	18.90	18.00	18.00	19.00	18.00	19.00
(14)	18.00	18.40	18.00	18.00	19.00	20.00	19.00	20.00
(15)	.046	.049	.05	.05	.05	.05	.05	.05
(16)	.12	.12	.15	.10	1.00	1.10	.12	.15
(17)	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00
(18)	2.00	1.65	2.00	1.85	2.00	2.00	1.90	2.00
(19)	3.00	2.40	2.50	2.75	2.50	3.00	2.90	3.00
(20)	6.00	6.40	7.00	6.60	7.00	6.50	7.45	8.00
(21)	2.00	2.40	2.70	2.50	2.00	3.00	5.00	4.00
(22)	575.00	550.00	500.00	650.00	700.00	600.00	500.00	650.00
(23)	250.00	240.00	300.00	325.00	350.00	250.00	225.00	250.00
(24)	.065	.059	.07	.06	.07	.07	.07	.07
(25)	7.00	7.00	10.00	4.00	10.00	10.00	10.00	5.00
(26)	2.60	2.40	2.66	2.75	2.50	2.25	2.50	3.00
(27)	30.00	23.00	30.00	30.00	25.00	35.00	25.00	40.00
(28)	4.00	3.00	3.50	3.00	3.00	3.00	3.00	5.00
(29)	150.00	100.00	125.00	50.00	100.00	200.00	150.00	150.00
(30)	150.00	100.00	125.40	40.00	100.00	200.00	150.00	150.00
(31)	300.00	100.00	235.63	100.00	125.00	150.00	150.00	250.00
(32)	2.50	2.70	4.00	3.00	4.00	3.50	4.50	3.50
(33)	2.50	2.10	2.00	2.25	3.00	3.00	2.50	3.00
(34)	2.50	2.40	2.50	2.50	3.00	3.00	2.75	3.00
(35)	4.00	.11	.50	.50	.52	.70	.63	.65
(36)	.06	.059	.065	.06	.065	.065	.065	.065
(37)	400.00	350.00	375.00	400.00	500.00	600.00	525.00	550.00
(38)	2.50	3.00	2.50	2.50	3.50	3.00	4.00	2.50
(39)	28.00	29.00	33.00	31.00	30.00	30.00	31.00	30.00
(40)	.15	.25	.20	.50	.15	.25	.25	.50
(41)	250.00	350.00	400.00	250.00	200.00	300.00	350.00	500.00
(42)	.50	.40	.38	.35	.50	.50	.50	1.00

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling \$500; 345 7th Ave.; owner, Mr. M. Simonsen, prem.; contractor, A. A. Alterations and Carpenter Shop, 3122 Geary St.

SIGN, roof, \$13; 924-30 Market (roof); owner, Foster and Kleiser Co., 1675 Eddy St.

SIGN, electric, \$150; 26 California; owner, El Jardin, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$425; 565 Clippert St.; owner, Geo. J. Leader, prem.; contractor, National Roofing and Siding Co., 2172 Market St.

ALTER flat, \$180; 1678 Grove Street; owner, M. Mosconi, 1231 Webster Street.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 9, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Gates St. between Powhattan Ave. and Bernal Heights Blvd. Estimated cost \$4,987.

- Work involves:
- (1) 2,000 c.y. grading (excav.);
 - (2) 185 c.y. grading (fill);
 - (3) 7600 sq. ft. 6-inch Class "E" Concrete pavement;
 - (4) 526 l.f. unarmored concrete curb;
 - (5) 147 sq. ft. two-course concrete sidewalk;
 - (6) 249 lf. 8-inch V.C.P. sewer, in place;
 - (7) 18 8-inch by 6-inch V.C.P. Y-brances, in place;
 - (8) 44 lf. 12-inch V.C.P. sewer, in place;
 - (9) 252 lf. 6-inch V. C. P. side-sewers, in place;
 - (10) 3 brick manholes, complete;
 - (11) 3 brick catchbasins, complete;
 - (12) 78 lf. 10-inch V.C. P. culvert, in place;
 - (13) 12 water services.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10.00. 29

BIDS WANTED

LOS ANGELES CO., Calif..—Until November 17, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 1.4 miles grading and paving with Portland cement concrete at San Martinez Chiquito Canyon (VII-LA-79-A), Los Angeles County.

- Work involves:
- (1) 76 sta. clear and grub;
 - (2) 1,500 M. gals. water;
 - (3) 1,700 c.y. remove concrete;
 - (4) 86,500 c.y. rdwy. excav., unclass.
 - (5) 3,800 c.y. struc. excav.;
 - (6) 2,700 c.y. ditch and channel excavation;
 - (7) 310,000 sta. yds. overhaul;
 - (8) 15,000 sq. yds. preparing sub-grade;
 - (9) 76 sta. finish rdwy.;
 - (10) 1,600 sq. yds. asph. paint binder;
 - (11) 18 tons liq. asph. SC-2 (prime coat);
 - (12) 750 tons min. agg. plant mix surfacing;
 - (13) 40 tons liq. asph. ROMC-4 or -5, plant mix surf.;
 - (14) 17,000 sq. yds. preparing, mixing and shaping shoulders;
 - (15) 210 tons liq. asph. SC-1A or SC-2 road mix surf. treat.;
 - (16) 3,000 c.y. Class A Portland cement concrete pavement;
 - (17) 8 sections pave. crossing devices, type C;
 - (18) 65,000 lbs. bar reinf. steel;
 - (19) 5,550 each pave. dowels;
 - (20) 550 c.y. Class A Portland cement conc. struc.;
 - (21) 230 lf. 8-in. CMP;
 - (22) 680 lf. 24-in. CMP;
 - (23) 230 lf. 36-in. CMP;
 - (24) 210 lf. remove, clean and salvage existing CMP;
 - (25) 8 each spillway assemblies;
 - (26) 26 each culvert markers.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. 29

CONTRACT AWARDED

LASSEN COUNTY, Cal.—Poulos & McEwen, Smith River, at \$74,969.80 awarded contract by the State Division of Highways, Public Works Building, Sacramento, for about 4.4 miles grading and surfacing with crusher run base and road-mix surfacing between Madeline and Likely, Lassen County. 29

COVINA—DISPOSAL PLANT—(CITY)

COVINA, Los Angeles Co., Calif.—Pacific Coast Elevator Company, 4031 Goodwin Avenue, Los Angeles, at \$85,989.42 submitted low bid to the Covina City Council, City Clerk, City Hall, Covina, for construction of sewage disposal plant in accordance with plans and specifications prepared by Koebig & Koebig, consulting engineers, 821 Rowan Bldg., L. A. Bids will be received on:

- (1) pumping plant, complete, including sewage pit, clear water pit, pump house, incinerator and all piping, valves, electric conduit, switchboards, lighting system and mechanical equipment;
- (2) recirculation pump sump, including pumps, motors, electric wiring, switchboards, piping, valves and structures;
- (3) primary clarifier, including mechanical equipment, piping and valves;
- (4) secondary clarifier, including same;
- (5) primary rapid filter, including rock, structures, tile, distrib. arm, etc.;
- (6) secondary rapid filter, including same;
- (7) clarified-flocculator, incl. mech. equipment, piping, valves, etc.
- (8) primary digester, incl. mech. equipment, gas equipment, piping, valves and tops;
- (9) secondary digester, incl. same;
- (10) 2 rapid sand filters, incl. piping, valves, sand and mech. equip.;

	(A)	(B)	(C)	(D)
(1)	\$15,064.00	\$13,902.00	\$24,343.00	\$15,000.00
(2)	3,397.00	4,183.00	5,324.00	3,500.00
(3)	6,077.00	6,698.00	6,248.00	6,000.00
(4)	6,077.00	6,427.00	6,148.00	6,000.00
(5)	5,363.00	5,989.00	6,449.00	6,000.00
(6)	5,363.00	5,989.00	6,449.00	6,000.00
(7)	8,134.00	7,825.00	6,545.00	8,000.00
(8)	6,938.00	7,414.00	7,341.00	8,000.00
(9)	6,938.00	7,289.00	7,241.00	7,500.00
(10)	433.00	1,660.00	1,301.50	2,000.00
(11)	3,787.00	5,155.00	1,890.00	8,000.00
(12)	246.00	410.00	224.50	500.00
(13a)	1,600.00	1,000.00	1,625.00	1,000.00
(13b)	25.00	15.00	6.00	30.00
(14)	9,387.00	9,576.00	9,830.00	10,000.00
(15)	1.00	1.70	2.40	2.50
(16)	2.00	2.80	3.00	2.50
(17)	200.00	185.00	97.00	133.00
(18)	100.00	100.00	100.00	87.00
(19)	.52	.50	.50	1.00
(20)	.48	.50	.50	1.00
(21)	150.00	200.00	175.00	200.00
(22)	75.00	80.00	115.00	100.00
(23)	285.00	150.00	180.00	250.00

BIDS WANTED

PUEBLO COUNTY, Colo.—Until November 2, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, B. W. Matteson, Acting District Engineer, 254 Custom House, Denver, for approximately 2,360 miles constructing or improving Project 35-B of the Greenhorn Forest Highway Route, located within or partly within the San Isabel National Forest, Pueblo County, Colo.

Plans and specifications available from above office upon the deposit of \$10.

BIDS OPENED

PHOENIX, Maricopa Co., Ariz.—Phoenix Bros., 366 E 58th Street, Los Angeles, at \$10,189.50 submitted low bid and was recommended for award of contract by the Phoenix City Commission, Phoenix, for improvement of portions of 15th Ave. from Grand Ave. to the alley south of Culver St., Phoenix.

Other bidders were:

- (11) piping and valves in and around plant;
- (12) 2 sludge beds, incl. tiling, sand, etc.
- (13) (a) drainage wells; (b) per ft. below 50 ft.;
- (14) chemical house, incl. bldg., mechanical equip., chemical pipes lines in said house and around plant;
- (15) 972.42 ft. 12-in. vit. clay pipe, laid;
- (16) 52 ft. 18-in. vit. clay pipe, laid;
- (17) 1 drop manhole;
- (18) 2 standard manholes;
- (19) 1320 l.f. industrial fence set in concrete foundations;
- (20) 1320 l.f. industrial fence set in curb to be constructed by city, including gate;
- (21) flood lighting system around plant;
- (22) name plates;
- (23) project sign and office facilities —PWA-REI.

The council recommended that the contract be awarded to the low bidder. Bids were referred to the engineer and to the PWA for approval.

- Total bids follow:
- (A) Pacific Coast Elevator Co., Los Angeles, \$85,989.42.
 - (B) Fred J. Early, Jr., San Francisco, \$91,520.71.
 - (C) Contracting Engineers Co., Los Angeles, \$96,611.81.
 - (D) Heuser & Garnett, Glendale, \$98,058.05.

The complete unit bids were:

W. E. Hall Co., Alhambra \$10,254.10
 Daley Corp., San Diego..... 10,655.10
 29

CONTRACT AWARDED

SAN FRANCISCO.— West Const Co., 1129 Irving St., at \$660 awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,191, for removal of slide on State Street bet. Castro and Levant Streets. 29

30—RESERVOIRS & DAMS

BIDS WANTED

STANISLAUS CO., Calif.— Until Nov. 5, 10:30 A. M., bids will be received by the Stanislaus County Bd. of Supervisors, C. C. Eastin, Clerk, Court House, Modesto, for the construction of a continuation of a levee in Reclamation District No. 1604, Stanislaus County, Calif.

Plans and specifications may be obtained from the County Surveyor.

COCHISE CO., ARIZ.—HWY. CONSTR.—(STATE)

COCHISE CO. Arizona.—Packard Contr. Co., Phoenix, at \$59,639.63 submitted low bid to State Highway Department, Phoenix, for highway construction on the Douglas - Safford Highway, FAS 114-F (1) AFE 8113. The work, which begins about 8 1/4 miles north of Douglas and extends northerly for a distance of approximately 10 1/2 miles to the town of McNeal, consists of grading, draining, aggregate base course and asphalt surf. treatment using SC-2 road oil, and is to be completed on or before April 30, 1939. The work involves:

- (1) 1,311 c.y. excav., unclass.;
- (2) 10,387 miles grading roadway to section;
- (3) 2,750 ft. constructing dip walls and rock basket;
- (4) 1,275 c.y. drainage excav., unclassified;
- (5) 33,500 ft. grader ditches;
- (6) 355 c.y. struc. excav., unclass.;
- (7) 182 sta. yds. overhaul;
- (8) 64,255 c.y. imported borrow base course;
- (9) 18,839 tons agg. base course;
- (10) 13,000 c.y. stripping pits;
- (11) 11,474 c.y. mi. stripping material haul;
- (12) 480 M. gals. sprinkling;
- (13) 280 hours rolling;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$.20	\$.25	\$.45	\$.25	\$.30	\$.25	\$.25	\$.30	\$.30
(2).....	200.00	400.00	225.00	250.00	200.00	325.00	450.00	150.00	450.00
(3).....	2.50	2.75	2.80	2.00	3.50	3.25	3.00	3.50	3.00
(4).....	.20	.27	.21	.20	.20	.25	.25	.30	.30
(5).....	.03	.025	.03	.04	.03	.03	.05	.06	.01
(6).....	.75	.75	.75	.85	1.25	.85	.80	1.00	1.00
(7).....	.04	.02	.18	.05	.03	.05	.04	.04	.10
(8).....	.32	.29	.33	.30	.34	.34	.34	.32	.36
(9).....	.52	.45	.54	.60	.45	.53	.55	.60	.65
(10).....	.10	.15	.14	.17	.16	.12	.15	.15	.15
(11).....	.15	.09	.10	.27	.15	.12	.20	.25	.20
(12).....	1.75	1.75	1.60	2.60	1.00	2.50	1.80	2.00	3.00
(13).....	3.00	3.00	3.00	3.00	3.00	2.50	3.00	3.00	3.00
(14).....	22.00	24.00	27.00	25.00	26.00	20.00	24.00	25.00	25.00
(15).....	.06	.06	.06	.07	.07	.08	.06	.09	.10
(16).....	2.00	2.00	1.80	2.00	2.50	1.75	2.25	3.00	2.00
(17).....	250.00	275.00	250.00	250.00	250.00	250.00	300.00	350.00	350.00
(18).....	2.50	2.50	2.10	2.50	2.00	3.00	2.50	3.00	3.00
(19).....	2.50	3.00	2.70	2.50	2.25	3.00	2.50	3.00	3.00
(20).....	.056	.07	.064	.065	.07	.065	.06	.075	.07
(21).....	33.00	34.00	34.00	40.00	40.00	40.00	34.00	40.00	30.00
(22).....	3.00	3.00	3.00	4.00	2.50	3.50	2.50	4.00	3.00
(23).....	2.00	1.50	1.20	1.00	1.50	2.00	.75	1.00	1.00

HUMBOLDT CO.—BRIDGE CONSTR.—(STATE)

HUMBOLDT CO., Calif.—Scheumann and Johnson, Eureka, at \$21,141, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for a reinforced concrete slab supported on concrete and timber bents consisting of eight 10-ft. 0-in. spans replacing portions of a bridge and an approach thereto across East Branch of South Fork of Eel River, 27 miles south of Garberville, Humboldt Co. The work involves:

- (1) 115 c.y. remove and dispose of existing masonry;
- (2) 185 c.y. remove and dispose of existing concrete;
- (3) 1,350 c.y. rdwy. excav., unclass.
- (4) 60 c.y. struc. excav.;
- (5) 52,500 lbs. bar reinf. steel;

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 5.00	\$ 3.00	\$ 5.00	\$ 4.50	\$ 10.00
(2).....	1.00	8.00	14.00	10.00	18.00
(3).....	10.00	.80	1.00	.75	1.10
(4).....	3.00	2.00	3.00	5.00	2.00
(5).....	.054	.055	.06	.07	.08
(6).....	21.50	26.00	22.00	30.00	28.00
(7).....	120.00	110.00	150.00	110.00	120.00
(8).....	2.00	4.00	2.00	10.00	3.00
(9).....	.75	.90	1.00	1.00	.75
(10).....	30.00	15.00	60.00	50.00	50.00
(11).....	10.00	22.00	20.00	20.00	20.00
(12).....	2.00	1.50	2.00	2.00	1.50
(13).....	200.00	1000.00	300.00	1000.00	200.00

- (14) 74 c.y. Class A concrete (inc. cement);
 - (15) 2,764 lbs. reinf. steel;
 - (16) 142 ft. 18-in. CMP;
 - (17) 7 each cattle guards (C-6) (side road);
 - (18) 70 each guide posts;
 - (19) 54 each R/W markers (type A);
 - (20) 132,655 gals. road oil (SC-2);
 - (21) 18 tons emulsified asphalt (Class A) for seal coat on dips;
 - (22) 128 tons screenings;
 - (23) 643 c.y. blotter material.
- The total bids were:
- (A) Packard Contr. Co., Phoenix, \$59,639.63.
 - (B) Skousen Bros., Albuquerque, \$61,009.04.
 - (C) Warren Southwest, Inc., Los Angeles, \$62,873.41.
 - (D) Oswald Bros., Los Angeles, \$62,905.79.
 - (E) Pearson & Dickerson, Prescott, \$64,886.59.
 - (F) J. A. Casson, Phoenix, \$66,235.33.
 - (G) Lee Moor Contr. Co., El Paso, \$67,743.27.
 - (H) Tiffany Const. Co., Phoenix, \$69,987.02.
 - (I) Martin Const. Co., Tucson, \$72,399.85.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$.20	\$.25	\$.45	\$.25	\$.30	\$.25	\$.25	\$.30	\$.30
(2).....	200.00	400.00	225.00	250.00	200.00	325.00	450.00	150.00	450.00
(3).....	2.50	2.75	2.80	2.00	3.50	3.25	3.00	3.50	3.00
(4).....	.20	.27	.21	.20	.20	.25	.25	.30	.30
(5).....	.03	.025	.03	.04	.03	.03	.05	.06	.01
(6).....	.75	.75	.75	.85	1.25	.85	.80	1.00	1.00
(7).....	.04	.02	.18	.05	.03	.05	.04	.04	.10
(8).....	.32	.29	.33	.30	.34	.34	.34	.32	.36
(9).....	.52	.45	.54	.60	.45	.53	.55	.60	.65
(10).....	.10	.15	.14	.17	.16	.12	.15	.15	.15
(11).....	.15	.09	.10	.27	.15	.12	.20	.25	.20
(12).....	1.75	1.75	1.60	2.60	1.00	2.50	1.80	2.00	3.00
(13).....	3.00	3.00	3.00	3.00	3.00	2.50	3.00	3.00	3.00
(14).....	22.00	24.00	27.00	25.00	26.00	20.00	24.00	25.00	25.00
(15).....	.06	.06	.06	.07	.07	.08	.06	.09	.10
(16).....	2.00	2.00	1.80	2.00	2.50	1.75	2.25	3.00	2.00
(17).....	250.00	275.00	250.00	250.00	250.00	250.00	300.00	350.00	350.00
(18).....	2.50	2.50	2.10	2.50	2.00	3.00	2.50	3.00	3.00
(19).....	2.50	3.00	2.70	2.50	2.25	3.00	2.50	3.00	3.00
(20).....	.056	.07	.064	.065	.07	.065	.06	.075	.07
(21).....	33.00	34.00	34.00	40.00	40.00	40.00	34.00	40.00	30.00
(22).....	3.00	3.00	3.00	4.00	2.50	3.50	2.50	4.00	3.00
(23).....	2.00	1.50	1.20	1.00	1.50	2.00	.75	1.00	1.00

TO ASK BIDS SHORTLY

YUBA AND NEVADA COUNTIES, Calif.—The U. S. Engineer Office, Room 208, Post Office Building, Sacramento, will advertise for bids about Oct. 27, to be opened about Nov. 29, for the construction of the Upper Narrows Debris Control Dam on the Yuba River. The dam will be of the concrete arch type, about 1153 feet in length on the crest and about 265 feet high above the main foundation bedrock. The spillway will be the overflow type discharging over the central portion of the dam. It is estimated that approximately 231,500 cu. yds. of foundation excavation and the placing of approximately 334,410 cu. yds. concrete will be required to complete the dam.

Plans and specifications will be available from the above office upon the deposit of \$10.00. 30

31—PIPE LINES & WELLS

CONTRACT AWARDED

GUSTINE, Merced Co., Cal.—Coffman Bros., 820 College St., Woodland, submitted low bid and was awarded contract by the Board of Directors of the Gustine Drainage District, Nellie J. Wehner, Secretary, Justice's Courtroom, Gustine, for drilling, casing and developing two drainaga wells.

Other bids were:

Western Well Drilling Co., San Jose.
Pacific Coast Drilling Co., Oakland. 31

CONTRACT AWARDED

SAN FRANCISCO.—The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$8,737.06 awarded contract by the San Francisco Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 193, for laying 6- and 8-inch cast iron mains in Lakeside subdivision No. 2 (north portion), San Francisco. 31

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 420 Call Building, San Francisco, at \$23,547.75 awarded contract by the San Francisco Public Utilities Commission, Room 278, City Hall, under Spec. No. W.D. 191, for laying 6- and 8-inch cast iron mains in 24th Ave. and Bayshore Blvd., San Francisco.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SACRAMENTO, Calif.—Artukovich Bros., 7320 N. Atlantic Avenue, Hynes, at \$54,700 submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of Markham, Castro Way and 26th Street sewers in the City of Sacramento.

Total bids follow:
Artukovich Bros., Hynes, \$54,700.00.
D. McDonald, Sacramento, \$56,900.00.

Gogo and Rados, L. A., \$57,100.00.
Manuel Smith, Oakland, \$59,574.00.
V. C. K. Construction Company, L. A., \$60,900.00.
Union Paving Co., S. F., \$61,200.00.
M. J. Lynch, S. F., \$61,316.00.
J. W. Terrell, Sacramento, \$61,690.00. 32

AWARD RECOMMENDED

MT. SHASTA, Siskiyou Co., Calif. Oakland Sewer Const. Co., 9915 Fairnut St., Oakland, at \$29,850 (Sched. 2) tentatively awarded contract by the Mount Shasta City Council, John Rule, City Clerk, City Hall, for the

construction of a Municipal Sewage Disposal Project located at Mount Shasta City; PWA Proj. Calif. 2016-F. 32

CONTRACT AWARDED
SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., San Francisco, at \$2,676 awarded contract by the Department of Public Works, Room 251 City Hall, for construction of sewers and appurtenances in Somerset St. between San Bruno Ave. and north-ern termination of Somerset. 32

BIDS WANTED
SAN PABLO, Contra Costa Co., Cal.—Until November 7, 11 A. M., bids will be received by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Hall of Records, Martinez, for building 2457 lf. of sewer on Kearney Street, San Pablo, Contra Costa County.

Plans and specifications may be obtained from the above office or from the office of the county surveyor. 32

BIDS OPENED
MOUNT SHASTA, Siskiyou Co., Cal.—Oakland Sewer Construction Co., 9915 Walnut Street, Oakland, at \$29,850.00 (Schedule 2) submitted low bid to the Mount Shasta City Council, John Rule, City Clerk, City Hall, for the construction of a Municipal Sewage Disposal Project located at Mount Shasta City, PWA Project, Calif. 2016-F.
 Underground Const. Co., Oakland, at \$30,608 submitted only other bid.

COMPLETE BIDS
SANTA PAULA, Ventura Co., Cal.—Bebek & Brklich, 421 N. Record St., Los Angeles, at \$27,693.60 submitted low bid to the Santa Paula City Council, 123 South Mill Street, Santa Paula, for the construction of a main outfall sewer line.
 Complete bids follow:
 Bebek & Brklich, \$27,693.60.
 Peter S. Tomich, \$27,988.50.
 A. N. Veal, \$28,736.00.
 Leko & Bosnyak, \$30,367.00.
 Culjak & Zelko, \$31,622.40.
 Sutalo & Ramljak, \$32,564.00.
 Artukovich, Bros., \$33,997.50.
 J. L. Kruly, \$34,928.00.
 R. A. Wattson, \$34,941.50.
 S. M. Milovich, \$38,427.00.
 E. L. Fleming and B. D. Zalch, \$39,954.30.
 J. L. Hickey, \$46,055.00. 32

33— WATER WORKS

BIDS REJECTED
SANTA ANA, Orange Co., Calif.—All bids for protection work on the Santa Ana river were rejected by the Orange county supervisors and the Chief Engineer of the Flood Control Dept., M. N. Thompson, authorized to do the work by day labor. The decision to do the work in this manner followed a discussion the gist of which was that the supervisors feared litigation if awards were made and consequent delay in the work which is badly needed. By units, the United Concrete Pipe Corp. bid was lowest on Sections 1, 2 and 5; Basich Bros. were low on Sections 3 and 4; and Famularn & Landreth were low on Section 6. The lowest combination of bids totaled \$144,000 but United Concrete Pipe Corp.'s stipulation "all or none", made an award on that basis impossible. The flood control engineer has prepared an estimate of the cost of the complete work, \$157,200, which the majority of the members of the board thought compared favorably with the lowest bids on which the contracts could be legally awarded. 33

VENTURA COUNTY—BRIDGE CONSTR.—(STATE)

VENTURA CO., Calif.—Ralph A. Bell, 127 E. Olive Ave., Monrovia, and Donald E. Metzger, 408 S. Spring St., Los Angeles, at \$44,863, submitted low bid to the State Div. of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete slab bridge across Sespe Over-flow about one mile west of Fillmore and widening approaches, (VII-VEN-79-B), Ventura Co., Calif.

- Work involves:
 (1) 1 lot remove and dispose of exist debris;
 (2) 55 c.y. remove and dispose of exist conc.;
 (3) 1,600 c.y. roadway excav. without class;
 (4) 1,550 c.y. struct. excav.;
 (5) 217,000 lbs. bar reinf. steel;
 (6) 1,240 c.y. class A Portland cem. conc. struct.;
 (7) 25 c.y. class A Portland cem. conc. slope pave;

- (8) 7,650 lbs. misc. steel;
 (9) 960 lf. solid timber bridge railing;
 (10) 148 lf. remove and salvage C M P;
 (11) 280 lbs. bronze expansion plates;
 (12) 200 lf. solid timber guard railing;
 (13) 1 lot misc. items work.
 Total bids follow:
 (A) Ralph A. Bell, Monrovia and Donald E. Metzger, L. A., \$44,863.00.
 (B) Macco Constr. Co., Clearwater, \$45,636.00.
 (C) Gibbons & Reed Co., Burbank, \$46,403.00.
 (D) Griffith Co., L. A., \$50,368.40.
 (E) White and Wilber, \$52,444.00.
 (E) White and Wilber, \$52,444.00.
 (G) Contracting Engineers Co., L.A., \$53,940.50.
 (H) C. O. Sparks & Mundo Engineering Co., L. A., \$58,176.00.
 Unit prices follow.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$2000.00	\$ 500.00	\$ 200.00	\$1500.00	\$ 400.00	\$2000.00	\$ 500.00	\$2000.00
(2)	6.00	9.00	4.00	9.00	5.00	12.00	3.00	6.50
(3)	.50	1.00	.40	.43	.50	.65	.70	.75
(4)	1.75	2.50	2.00	2.50	5.10	2.00	1.50	5.00
(5)	.05	.047	.052	.048	.0455	.0475	.046	.05
(6)	20.00	20.00	21.00	24.00	23.10	25.65	28.00	24.00
(7)	15.00	18.00	15.50	17.00	14.00	14.25	12.00	20.00
(8)	.15	.14	.15	.12	.13	.16	.13	.25
(9)	1.00	1.25	2.00	1.40	1.40	1.50	2.00	1.70
(10)	1.00	1.00	.50	.55	1.00	.50	.50	2.00
(11)	.50	.35	.50	.45	.75	.47	.50	.60
(12)	1.00	1.25	2.50	1.50	2.00	1.35	2.00	1.25
(13)	400.00	1000.00	750.00	750.00	1100.00	925.00	1300.00	1500.00

LOS ANGELES COUNTY—GRADE & SURF.—(STATE)

LOS ANGELES, Cal.—W. E. Hall Co., 1025 S. Westminister Ave., Alhambra, at \$32,880.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.7 miles to be graded and surfaced with Portland cement concrete, asphalt concrete and plant-mix surfacing between Rivera Underpass and Shenandoah Avenue, (VII-LA-168-B), Los Angeles Co., Calif.

- Work involves:
 (1) 89 sta. clear and grub;
 (2) 300 M gals. water;
 (3) 1,100 c.y. remove conc.;
 (4) 4,000 c.y. roadway excav. without class;
 (5) 55 c.y. struc. excav.;
 (6) 3,000 sta. yds. overhaul;
 (7) 600 c.y. import subgrade material;
 (8) 2,200 c.y. drainage sump excav.;
 (9) 2,200 c.y. sand backfill drainage sump;
 (10) 9,500 sq. yds. preparing subgrade;
 (11) 89 sta. finish roadway;

- (12) 16 tons liq. asphalt SC-2 prime coat;
 (13) 2,400 tons mineral aggregate plant mixed surf.;
 (14) 130 tons liq. asphalt SC-4 plant mix surf.;
 (15) 4,450 tons asphalt conc.;
 (16) 8 tons asphalt emulsion paint blinder and seal coat;
 (17) 480 c.y. class B Portland cement conc. pave. base;
 (18) 15 c.y. class A Portland cement conc. struct.;
 (19) 1,400 lbs. bar reinf. steel;
 (20) 2 each culvert markers.
 Total bids follow:
 (A) W. E. Hall Co., Alhambra, \$32,880.00.
 (B) Griffith Co., Los Angeles, \$33,163.50.
 (C) United Concrete Pipe Corp., Los Angeles, \$33,704.00.
 (D) Oswald Bros., Los Angeles, \$36,222.25.
 (E) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$36,706.00.
 (F) Sully-Miller Contr. Co., Los Angeles, \$37,975.00.
 Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$19.00	\$15.00	\$22.00	\$17.00	\$50.00	\$30.00
(2)	1.30	1.30	2.50	1.25	1.25	1.50
(3)	1.75	1.60	1.50	2.00	1.10	1.50
(4)	.45	.45	.30	.35	.50	.45
(5)	1.00	1.50	1.00	.75	2.00	1.00
(6)	.01	.02	.02	.01	.02	.05
(7)	1.00	1.40	1.00	1.00	1.45	.90
(8)	.50	.50	.30	.74	.85	.50
(9)	.50	.50	.35	.71	.83	.55
(10)	.11	.10	.12	.11	.10	.15
(11)	4.00	4.00	10.00	4.00	10.00	5.00
(12)	13.00	8.00	10.00	8.00	12.00	11.00
(13)	1.95	2.20	2.25	2.40	2.00	2.60
(14)	8.50	6.00	6.00	6.50	7.50	7.00
(15)	2.75	3.10	3.00	3.10	2.40	3.40
(16)	27.00	25.00	29.00	35.00	25.00	25.00
(17)	8.50	5.90	7.50	9.00	10.00	9.00
(18)	16.50	20.00	25.00	17.00	20.00	20.00
(19)	.07	.05	.05	.06	.07	.06
(20)	3.00	2.50	2.00	2.50	3.00	5.00

COMPLETE BIDS

LOS ANGELES, Cal.—J. F. Shea Co., Inc., 617 S Olive St., Los Angeles, at \$19,682 submitted low bid to the Metropolitan Water District, Los Angeles, for construction of San Gabriel River spillway and appurtenant work for the Colorado River Aqueduct distribution system; Spec. 290. The work is located in San Gabriel Canyon about 18 miles easterly from Pasadena, Sec. 13, Twp. 1 N, Range 10 W, SBB&M.

The work involves:

- (1) 750 c.y. excav. for spillway struc.
(2) 680 c.y. excav. for tunnel;
(3) 15 c.y. excav. for bulkhead collar;
(4) 5 tons furnish and erect steel support in tunnel;
(5) 10 MFBM furnish and place permanent timbers in tunnel;
(6) 110 c.y. concrete in spillway;
(7) 360 c.y. concrete in tunnels;
(8) 18,000 lbs. placing reinf. steel in spillway struc.;
(9) 27,000 lbs. placing reinf. steel in tunnels;
(10) does not apply;
(11) 100 ft. drilling grout holes;
(12) 25 connections for grouting;
(13) 24 c.y. mixing and placing grout;
(14) 3,700 lbs. install misc. metal;
(15) 220 ton-mile haul steel;
(16) 1,200 ton-mile haul cement.

Total bids follow:

- (A) J. F. Shea Co., Inc., Los Angeles, \$19,682.00.
(B) Contracting Engineers Co., Los Angeles, \$30,959.50.
(C) Basch Bros., Torrance, \$35,828.70
(D) United Concrete Pipe Corp., Los Angeles, \$45,462.50.

(E) Ralph A. Bell, San Marino, \$48,309.00.

Unit prices follow:

Table with columns (A) through (E) and rows of unit prices for various items.

SAN FRANCISCO—LAYING IRON MAINS—(CITY)

SAN FRANCISCO. — The Lowrie Paving Co. Inc., 1540 16th Street, San Francisco, at \$3,737.06 submitted low bid to the S.F. Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. W. D. 193, for laying of 6-inch and 8-inch cast iron mains in Lakeside subdivision No. 2 (north portion), San Francisco.

Work involves.

- (1) 5015 l.f. excav. and backfill for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
(2) 10 c.y. additional excav. and backfill;
(3) no item 3;
(4) Installing Pipe:
(a) 1379 l.f. 6-inch bolted joint cast iron pipe;
(b) 3638 l.f. 8-inch bell and spigot cast iron pipe;
(5) 6700 lbs. fittings, gate valves, etc., installed;
(6) 120 l.f. bell and spigot joints for pipe and fittings;
(6a) 230 bolted joints for 6-inch cast iron pipe;
(7) 40 sq. ft. street pavement;
(7a) 3300 sq. ft. sidewalk pavement;
(8) 71 3/4-inch screw taps installed;
(9) 1065 3/4-inch copper service pipe installed;
(10) Furnishing cast iron pipe—Class 150:
(a) 1379 l.f. 6-inch bolted joint pipe at \$0.75 per l.f.

(b) 3636 l.f. 8-inch bell and spigot cast iron pipe at \$1.10 per l.f.

- (11) Furnishing bell end gate valves:
(a) one 4-inch valve at \$12.00;
(b) two 6-inch valves at \$17.00 each;
(c) 8 8-inch valves at \$22.50 ea.
(12) 6000 lbs. furnishing bell and spigot cast iron fittings at \$0.06 per lb;
(13) 700 lbs. steel bands and bolts at \$0.05 per lb.;
(14) 1065 l.f. 3/4-inch copper service pipe at \$0.17 per l.f.;
(15) lump sum, furnishing 3/4-inch fittings for services at \$97.00;
(16) lump sum, engineering and supervision at \$75;
(17) Connections at \$123.
Total bids follow:
(A) The Lowrie Paving Co. Inc., San Francisco, \$8,737.06.
(B) A. W. Clark, Jr. & Co., S. F., \$8,806.98.
(C) San Francisco Water Department, \$9,258.56.
(D) Martin Murphy, Albany, \$9,396.40.
(E) E. J. Treacy, S. F., \$9,440.79.
(F) Fav Improvement Co., S. F., \$9,512.12.
(G) Williams Bros. & Haas Inc., S.F., \$10,299.05.

Unit prices follow:

Table with columns (A) through (G) and rows of unit prices for various items.

RIVERSIDE COUNTY—BRIDGE CONSTRUCTION—(STATE)

RIVERSIDE COUNTY, Calif.—W. E. Robertson, 1103 S La Brea Ave., Los Angeles, at \$38,614.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of two reinforced concrete bridges, one across Coache-la Valley storm drain consisting of thirteen 30-ft. spans and two 9-ft. cantilever spans; and one across a drainage ditch consisting of two 29-ft. 4-in. spans and two 8-ft. 8-inch cantilever spans about 8 miles southeast of Indio (XI-Riv-187-F), Riverside County.

Work involves:

Table with columns (A) through (J) and rows of unit prices for various items.

- (1) 1 lot remove and dispose of the existing bridge;
(2) 70 c.y. struc. excav.;
(3) 228,000 lbs. bar reinf. steel;
(4) 852 c.y. Class A Portland cement concrete struc.;
(5) 2,538 l.f. furnish cast in place concrete piles;
(6) 72 ea. drive steel shells for cast in place conc. piles;
(7) 17,350 lbs. misc. steel;
(8) 1,090 l.f. timber railing;
(9) 1 lot misc. items of work.

Total bids follow:

- (A) W. E. Robertson, Los Angeles, \$38,614.25.
(B) R. E. Hazard & Son, San Diego,

- \$40,639.60.
(C) V. R. Dennis Const. Co., San Diego, \$40,963.00.
(D) Valley Const. Co., San Jose, \$44,404.50.
(E) White & Wilberg, \$46,225.70.
(F) Ralph A. Bell and D. E. Metzger \$48,359.50.
(G) Contracting Engineers' Co., Los Angeles, \$46,683.40.
(1) H. H. Peterson, San Diego bid irregularly, \$47,529.00.

Unit prices follow:

- (I) Dimmitt & Taylor, Los Angeles, \$50,307.60.
(J) United Concrete Pipe Co., Los Angeles, \$52,772.60.

SANTA CLARA CO.—GRAD., SURF. & BRIDGE CONSTR.—(STATE)

SANTA CLARA CO., Cal.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at \$355,731.60 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.6 miles grading and surfacing with gravel base and armor coat and constructing two reinforced concrete girder bridges, between one mile east of Bells Station and 3 miles west of the Merced County Line, Santa Clara Co., Calif.

- coat and penetration oil treatment; (11) 30 tons liq. asph. SC-2 penetration oil treat.; (12) 1,275 c.y. screenings armor coat; (13) 120 c.y. sand penetration oil treatment; (14) 409,000 lbs. bar reinf. steel; (15) 2,685 c.y. class A Port. cem. conc. struct.; (16) 130 c.y. class A Port. cem conc. footing blocks; (17) 26 c.y. class A Port. cem conc. railing; (18) 385 c.y. rubble masonry; (19) 2,220 lbs. misc. iron and steel; (20) 166 lbs. bronze expansion plates; (21) 300 l.f. 8-in. CMP; (22) 1,100 l.f. 18-in. CMP; (23) 300 l.f. 24-in. CMP; (24) 320 l.f. 24-in. CMP 12 gauge; (25) 720 l.f. 30-in. CMP 10 gauge; (26) 550 l.f. 8-in. perf. metal pipe; (27) 20 c.y. rock filling material; (28) 30 l.f. remove clean and relay CMP; (29) 162 l.f. remove clean and salvage CMP; (30) 9 each spillway assemblies;

- (31) 5.2 miles new property fence; (32) 10 each drive gates; (33) 140 each guide posts; (34) 46 each culvert markers; (35) 63 each monuments; (36) 1 lot misc. bridge items. Total bids follow: (A) Granfield-Farrar & Carlin, San Francisco, \$355,731.60. (B) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$361,763.30. (C) Bodenhamer Const. Co., Oakland, \$378,984.70. (D) Clyde W. Wood, Los Angeles, \$383,380.00. (E) Fredericksen & Westbrook, Sacramento, \$396,918.70. (F) Hemstreet & Bell, Marysville, \$410,171.50. (G) A. Teichert & Son, Inc., Sacramento, \$423,291.80. (H) Union Paving Co., San Francisco \$47,644.10. (I) Geo. K. Thompson, Los Angeles, \$462,257.50. (J) Griffith Co., Los Angeles, \$562,879.60. Unit prices follow:

- Work involves: (1) 139 sta. clear and grub; (2) 5,500 M Gala. water; (3) 500,000 c.y. roadway excavation without class; (4) 1,000,000 cu. yds. overhaul; (5) 6,300 c.y. struct. excav.; (6) 2,200 c.y. ditch and channel excavation; (7) 139 sta. finish roadway; (8) 16,000 c.y. gravel base; (9) 115 tons liq. asph. 90-85 armor coat; (10) 90 tons liq. asph. SC-1A prime

Table with 11 columns (A) through (J) and 36 rows of unit prices for various construction items, ranging from \$50.00 to \$800.00.

LOS ANGELES COUNTY—BRIDGE CONSTRUCTION—(STATE)

LOS ANGELES CO., Calif.—W. E. Robertson, 1103 S La Brea Avenue, Los Angeles, at \$37,902, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for construction of a reinf. concrete girder overhead crossing over the tracks of the Southern Pacific Company about 6 miles east of Saugus, consisting of one 66-ft. 0-in. span, one 56-ft. 0-in. span, one 54-ft. 0-in. span, and one 49-ft. 0-in. span (VII-LA-23-1), Los Angeles Co

- (C) White & Wilberg, \$46,442.40. (D) United Concrete Pipe Corp., Los Angeles, \$46,442.40. (E) 250 c.y. rdwy. excav., unclass.; (3) 1,800 c.y. struc. excav.; (4) 224,000 lbs. bar reinf. steel; (5) 1,234 c.y. Class A Portland cement conc. struc.; (6) 17 c.y. Class A do for railing; (7) 6,700 lbs. misc. iron and steel; (8) 23 each timber posts; (9) 1 lot misc. items of work. Total bids follow: (A) W. E. Robertson, Los Angeles, \$37,902.00. (B) Griffith Co., Los Angeles, \$46,303.90.

- Angeles: \$47,914.00. (E) Byerts & Dunn, Los Angeles: \$49,021.00. (F) C. O. Sparks & Mundo Engr. Co., Los Angeles: \$50,391.50. (G) Oscar Oberg, Los Angeles: \$50,896.90. (H) Contracting Engineers' Co., Los Angeles: \$51,996.00. (I) Gibbons & Reed Co., Burbank: \$53,115.50. (J) Ralph A. Bell and Donald Metzger, \$56,978.00. (K) NickPersacio, Los Angeles, \$67,083.00. Unit prices follow:

Table with 11 columns (A) through (K) and 9 rows of unit prices for various construction items, ranging from \$3.00 to \$2,000.00.

U S POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Freethy Bids \$175,550 on
Richmond School Job

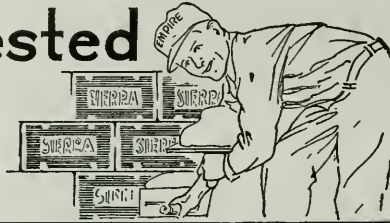


Bids Nov. 23-25 on Four State Projects



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., NOVEMBER 5, 1938 No. 45

E. J. FREETHY LOW BIDDER ON EAST BAY JOB

Seven Firms Submit Proposals
On El Cerrito Shop,
Gymnasium

Elmer J. Freethy, 224 Sixteenth street, Richmond, at \$175,550, yesterday submitted the low bid to the Richmond Union High School District for construction of a new shop building and a gymnasium building for El Cerrito High School. Plans and specifications for the two structures were prepared by the architectural firm of Dragon & Schmidts of Oakland.

Seven Proposals

Bids submitted by seven firms on the project were taken under advisement by the school district. The second lowest proposal was submitted by Central California Construction Co., followed by H. J. Christensen Co., and W. E. Lyons Construction Co., Alameda, at \$179,621.

Bids were submitted on the contract for general construction of the shop building and gymnasium, and on three alternates.

The alternates, all deductions, follow: omit one bank shower in girls' shower room; omit cement floors and wainscoting in boys' shower room; and substitution of one by six roof sheathing in lieu of three by four plywood.

Complete Bids

The following submitted bids:

Elmer J. Freethy.....	\$175,550
Central California Const.	
Company	176,883
H. J. Christensen & W. E.	
Lyons Const. Co.	179,621
K. E. Parker Co.	179,975
E. T. Leiter Sons.....	182,837
Lloyd O'Brien	184,880
F. C. Stolte Co.	189,400

The contract calls for construction of a shop building and boys' and girls' gymnasium building with locker rooms, shower rooms and miscellaneous offices.

The proposed structures will be erected adjacent to existing buildings at the southeast corner of Eureka avenue and the Key System Route right-of-way in El Cerrito.

BIDS CLOSE ON FLOOD REPAIRS

SACRAMENTO, Nov. 1.—E. T. Lesure, 87 Ross Circle, Oakland, today submitted a low bid of \$22,596 to the State Division of Architecture for completing flood damage repairs on the banks of the Coyote River at Agnew state hospital farm in Santa Clara Co.

Williams Bros. & Haas, Inc., San Francisco, was low bidder at \$22,977 on an alternate proposal, and a close second bidder at \$22,998 on the basic proposal. Lesure was second low bidder on the alternate, with a figure of \$24,420. Six contractors submitted bids on the contract.

FOURTEEN-MILE S. P. RELOCATION CONTRACTS LET

WASHINGTON, D. C., Nov. 3.—Granfield-Farrar & Carlin, San Francisco, and West Construction Co., Monrovia, today were awarded contracts by the U. S. Bureau of Reclamation for construction of a 14-mile section of the Southern Pacific Railway relocation around the site of Shasta Dam.

Granfield-Farrar & Carlin, at \$812,380, were awarded a contract covering schedules one through four, while West Construction Co., at \$904,981, received the contract under schedule five.

The first four schedules involve construction of earthwork and structures; schedule five calls for construction of earthwork, tunnels and structures.

Two half-mile tunnels at Bass Hill summit are involved.

HAIR FELT PRODUCTS CATALOG PUBLISHED

The American Hair and Felt Co., 222 North Bank Drive, Chicago, announces the publication of their new catalog, "Insulating and Cushioning Materials". Copies may be obtained without charge upon application to the company at the above address.

BIDS NOV. 23-25 ON FOUR STATE HIGHWAY JOBS

Bakersfield Overhead Crossing,
Tulare Grading Out
For Proposals

SACRAMENTO, Nov. 1.—Four contracts for highway and grade separation construction were authorized for advertising here today by the State Highway Commission. Bids on two of the contracts will be opened November 23 in Sacramento and on the remaining two in Los Angeles November 25.

Work on which bids were asked today includes construction of an overhead crossing, repair of another overpass and two grading and surfacing jobs.

The projects are located as follows:

Tulare county: grading and surfacing with plant-mixed surfacing on about two and seven-tenths miles between Exeter and Venida Substation. Bids will be opened in Sacramento November 23.

Bakersfield Overpass

Kern county: construction of an overhead crossing over the Atchison, Topeka & Santa Fe tracks at Oak street in Bakersfield, consisting of one 88-foot, one 80-foot, one 68-foot, and seventeen 45-foot steel girder spans with reinforced concrete decks supported on concrete bents on timber piles. Bids open November 23 in Sacramento.

Ventura county: grading and surfacing with plant-mixed surfacing about three-tenths of a mile. The project is located about two miles west of the Los Angeles county line. Bids will be opened November 25 in Los Angeles.

Orange county: repair of an overpass near Galivan. Bids open in Los Angeles November 25.

Production of steel railway specialties during the first 8 months of 1938 amounted to 56,116 short tons, as compared to production of 349,412 short tons during the same period in 1937, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3364	Cummings	Lindsay	4000
3365-6	Devincenzi	Plov	7000
3367	Higgins	Owner	6000
3368	Johnsen	Owner	6000
3369	O'Brien	United Rfg.	1160
2270	Stanley	G. G. Con.	2000
3371	Zimmerman	Westlund	10000
3372	Barton	Owner	3000
3373	China Town	Owner	4000
3374	Clancy	Owner	4000
3375-6	Johnson	Owner	3500
3377	Lindenau	Berg	1000
3378	Mooney	Owner	4000
3379	Oliva	Owner	4000
3380	Peterson	Owner	2400
3381	Tignard	Owner	4750
3382	Bernhardt	Owner	7000
3383	Cook	Ohlsen	3000
3384-5	Dahlstrom	Owner	3500
3386	Firerra	Liebman	1000
3387	Ghielmetti	Wagner	3800
3388	Holzberger	Cuddle	1000
3389	Kolsberg	Owner	3500
3390	McBride	McBride	1600
3391-2	Rousseau	Owner	8000
3393	Silk	Johnson	7000
3394	Chiotti	Ragni	4000
3395	Catto	Owner	1000
3396	Hallgren	Owner	3500
3397	Johnson	Owner	3000
3398	Vest	United Rfg.	1030
3399	Clara-Cal.	D. B. A.	20324
3400-1	Herman	Little	3500
3402	Hoffman	Stendell	4000
3403	Lewis	Johnson	1500
3404	Mendo	Janssen	7000
3405	Pearson	Owner	3250
3406	Raphael	Black	3000
3407	Sandeen	Owner	4000
3408-9	Sicke	Owner	5000

DWELLING

(3364) W. 44th AVE. 300 S. Lawton. One-story and basement frame dwelling.
Owner—W. Cummings, 2426 45th Avenue.

Contractor—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—Not given. \$4000

FLATS

(3365) E. 33rd AVE. 200 N. Balboa. Two-story and basement frame flats.
Owner—Devincenzi and Haskins, 440 Anza St.

Contractor—Gilbert L. Plov, 308 Scott Street.
Architect—Donnell E. Jaekle, 126 Post St. \$7000

FLATS

(3366) E. 33rd AVE. 175 N. Balboa. Two-story and basement frame flats.
Owner—Devincenzi and Haskins, 440 Anza St.

Contractor—Gilbert L. Plov, 308 Scott Street.
Architect—Donnell E. Jaekle, 126 Post St. \$7000

FLATS

(3367) E. ALPINE 94 N. 14th Street. Two-story and basement frame flats.
Owner—Joe Higgins, Inc., 62 Montrey Blvd.

Architect—Not given. \$6000

DWELLING

(3368) W. STANYAN 334 S. Geary. Two-story and basement frame dwelling.

Owner—Peder P. Johnsen, 70 Stanyan St.
Architect—Not given. \$6000

ALTERATIONS

(3369) 1863 OAKDALE AVE. Alter dwelling.

Owner—K. and J. O'Brien, 1863 Oakdale Ave.
Contractor—United Roofing and Siding Co., 2906 Mission St.
Architect—Not given. \$1166

ALTERATIONS

(3370) N.E. VAN NESS SO. and 23rd St. Alter stores and flats.
Owner—M. Stanley, 1199 Van Ness Ave. So.

Contractor—Golden Gate Const. Co., 244 Kearny St.
Architect—G. A. Berger, 309 Valencia Street. \$2000

DWELLING

(3371) S. SILVER AVE. 30 E. Gambler. One-story and basement frame dwelling.

Owner—Earnest Zimmerman, 620 Silver Ave.
Contractor—C. H. Westlund, 133 Howard St.
Architect—Willis E. Hussen, 475 24th Avenue. \$3000

FLATS

(3372) SE STANYAN and Lone Mt. Terrace. Three-story and basement frame flats.
Owner and Builder—J. C. Barton, 2048 Market Street.
Architect—Richard R. Irvine, 2048 Market Street. \$10,000

ALTERATIONS

(3373) 37 BOSS ALLEY. Alter studio.
Owner—China Town Imp. Co., 11 Cameron Alley.
Architect—Not Given. \$3,000

DWELLING

(3374) E 22nd AVE. 118 N Noriega. One - story and basement frame dwelling.
Owner and Builder—J. Clancy, 2380 Washington Street.
Architect — Donnell E. Jaekle, 126 Post Street. \$4,000

DWELLING

(3375) E DELANO 3 S. Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—Fred Johnson, 329 Lowell Street.
Architect—Not Given. \$3,500

DWELLING

(3376) E DELANO 28 S Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—Fred Johnson, 329 Lowell Street.
Architect—Not Given. \$3,500

ALTERATIONS

(3377) 929 ASHBURY Street. Alter dwelling.
Owner—Ernest Lindenau, 929 Ashbury Street.
Contractor—Berg Bros., 682 42nd Ave.
Architect—Not Given. \$1,000

DWELLING

(3378) W 14th AVE. 250 S Ulloa. One - story and basement frame dwelling.
Owner and Builder—J. Mooney, 879 Dolores Street.
Architect—Not Given. \$4,900

DWELLING

(3379) N VIENNA 225 S Persia Ave. One - story and basement frame dwelling.
Owner and Builder—John Oliva, 542 Vienna.
Architect—Not Given. \$4,000

DWELLING

(3380) NE MIGUEL 109 NW Fairmont. One-story and basement frame dwelling.
Owner—Gust L. Peterson, 1531 25th Avenue.
Architect—Not Given. \$2,400

DWELLING

(3381) W 47th AVE. 225 S Santiago. One - story and basement frame dwelling.
Owner and Builder—Jean Tignard, 2330 48th Avenue.
Architect—Not Given. \$4,750

FLATS

(3382) S. BEACH 137 E. Baker. Two-story and basement frame flats.
Owner—Albert Bernhardt, 2406 22nd Avenue.
Architect—Not given. \$7000

DWELLING

(3383) W. WINFIELD AVE. 200 S. Esmeralda. One-story and basement frame dwelling.
Owner—Harold and Ida Cook, 2869 Harrison St.
Contractor—A. H. Ohlsen, 242 Vienna.
Architect—Not given. \$3000

DWELLING

(3385) N. MANGELS 150 E. Ridgewood. One-story and basement frame dwelling.
Owner—Gust Dahlstrom, 160 Castro Street.
Architect—Not given. \$3500

ALTERATIONS

(3386) N.W. UNION and Webster Streets. Alter store and flat.
Owner—Frank Ferrera, prem.
Contractor—B. Liebman, 3319 Fillmore St.
Architect—Not given. \$1000

DWELLING

(3387) N. WAYLAND 55 W. Glard. One-story and basement frame dwelling.
Owner—Chas. Ghielmetti, 125 Bacon Street.
Contractor—R. Wagner, 1754 Ninth Avenue.
Architect—Not given. \$3800

ALTERATIONS

(3388) 69 CAYUGA. Alter dwelling.
Owner—C. Holzberger, prem.
Contractor—J. R. Cuddle, 712 Cole Street.
Architect—Not given. \$1000

DWELLING

(3389) S.E. CONRAD 250 S.E. Sussex. One-story and basement frame dwelling.
Owner—T. Kolsberg, 3928 17th St.
Architect—Not given. \$3500

FACTORY

(3390) S. FULTON 125 E. Octavia. One-story test factory.
Owner—Nelle McBride, 2212 Polk St.
Contractor—R. C. McBride, 2212 Polk Street.
Architect—Not given. \$1600

DWELLING
 (3391) S. CHESTNUT 225 W. Broderick St. Two-story and basement frame dwelling.
 Owner—Oliver M. Rousseau, 321 Kearny St.
 Architect—Not given. \$9000

DWELLING
 (3392) S.E. CHESTNUT and Richardson. Two-story and basement frame dwelling.
 Owner—Oliver M. Rousseau, 321 Kearny St.
 Architect—Not given. \$9000

DWELLING
 (3393) W. DIVIDADERO STREET 280 S Pierce. Two-story and basement frame dwelling.
 Owner—Chas. M. Silk, 438 Castro St.
 Contractor—Joel Johnson and Son, 1614 Church St.
 Architect—Harold G. Stoner, 251 Kearny St. \$7000

DWELLING
 (3394) SE NAPLES 100 SW Excel-slor. One-story and basement frame dwelling.
 Owner—Mr. and Mrs. Chlotti, 175 Prague St.
 Contractor—Joseph Ragni, 134 Acton St.
 Architect—Not given. \$4000

ALTERATIONS
 (3395) SW HYDE and Green Sts. Alter apts.
 Owner—Antonio Galto, 2137 Jones Street.
 Architect—Not given. \$1000

DWELLING
 (3396) E. 18th AVE 174 S. Quintara. One-story and basement frame dwelling.
 Owner—A. Hallgren, 1594 29th Ave.
 Architect—Not given. \$3500

DWELLING & STORE
 (3397) SW SILVER AVE and Madison St. One-story and basement frame dwelling and store.
 Owner—J. A. Johnson, 69 Madlson Street.
 Architect—Donnel E. Jaekle, 126 Post Street. \$3000

ALTERATIONS
 (3398) 360 SAN MIGUEL. Alter dwelling.
 Owner—Edward Vest, prem.
 Contractor—United Roofing and Siding Co., 2906 Mission St.
 Architect—Not given. \$1030

CREAMERY
 (3399) S. OAKDALE 100 E. Selby. One-story concrete creamery.
 Owner—Clara—Cal Creamery, San Jose, Calif.
 Contractor—D.B.A. Bridges Constr. Co., San Jose.
 Architect—A. J. Mazurette and F. B. Plant, Oakland. \$20,324

DWELLING
 (3400) S.W. INNES AVE 200 N.W. Mendell. One-story and basement frame dwelling.
 Owner—Alma Herman, c/o cont.
 Contractor—M. A. Little Co., 107 24th Ave.
 Architect—Albert H. Larsen, 333 Kearny St. \$3500

DWELLING
 (3401) S.W. INNES AVE 225 N.W. Mendell. One-story and basement frame dwelling.
 Owner—Alma Herman, c/o cont.
 Contractor—M. A. Little Co., 107 24th Ave.
 Architect—Albert H. Larsen, 333 Kearny St. \$3500

DWELLING
 (3402) E. REY 65 S. Lelano Avenue. One-story and basement frame dwelling.
 Owner—A. HoffEman, c/o cont.
 Contractor—Elvin C. Stendell, 1125 Holloway.
 Architect—Albert H. Larsen, 333 Kearny St. \$4000

ALTERATIONS
 (3403) 1706 CHURCH ST. Alter to dwelling.
 Owner—F. Lewis, premisea.
 Contractor—Joel Johnson and Son, 1614 Church St.
 Architect—Not given. \$1500

FLATS
 (3404) E. STEINER 24 S. Greenwich. Two-story and basement frame flats.
 Owner—Mendo Corp., 1136 Clement Street.
 Contractor—E. A. Janssen, 1136 Clement St.
 Architect—Not given. \$7000

DWELLING
 (3405) S. IRVING 57 W. 32nd Ave. One-story and basement frame dwelling.
 Owner—J. H. Pearson, 143 Valdez Ave.
 Architect—Not given. \$3250

ALTERATIONS
 (3406) 686 39th AVE. Alter dwelling.
 Owner—B. B. Raphael, prem.
 Contractor—Robert G. Black, 1935 Cabrillo.
 Architect—Not given. \$3000

DWELLING
 (3407) E. LOPEZ 300 N. Castenada. Two-story and basement frame dwelling.
 Owner—Lucy H. Sandeen, 710 42nd Ave.
 Architect—Not given. \$4000

DWELLING
 (3408) W. RALSTON AVE. 60 S. Halloway. Two-story and basement frame dwelling.
 Owner—Jos. F. Sicke, 421 4th Ave.
 Architect—Not given. \$5500

DWELLING
 (3409) S.W. HALLOWAY AVE and Ralston Ave. One-story and basement frame dwelling.
 Owner—Jos. F. Sicke, 421 4th Ave.
 Architect—Not given. \$5000

ALAMEDA COUNTY

No.	Owner	Contractor	A.m.t.
2580	Bildross	Owner	1100
2581	Eklund	Rogers	1050
2582	Lagorio	Haulmann	3000
2583	Mills Col.	Brown	6000
2584	Milton	McLeod	5000
2585-6	Sharaflan	Hambleton	1500
2587	Bernays	Fleming	2525
2588	Ham	Burgett	3600
2589	Baptista	Potter	3900
2590	Eruning	Petersen	3500
2591	Corporandy	Nelson	3000
2592	Griffiths	Owner	3000
2593	Hening	Owner	2000
2594	Jurs	Jensen	14000
2595	Montgomery	Goodmundsen	2000
2596	Scammel	Owner	5000
2597	Texas Co	Clark	5000
2598	Womack	Womack	3500
2599	Borland	Beckett	5500
2600	Brown	Owner	4300
2601	Elliott	Owner	4500
2602	Lindo	Watson	3000
2603	Williams	Waring	5000
2604	Adams	Correia	2900
2605	Clark	Hubbard	3500
2606	Davils	Lossing	2500
2607	Jones	Nichols	3400

2608	Safeway	Fitzmaurice	2300
2609	Special	Owner	1000
2610	Buscovich	Dream	4750
2611	Flagg	Owner	5000
2612	Hufschmidt	Owner	7000
2613	Ratekin	Tisher	4500
2614	Souza	Baker	1000
2615	Summers	Sommarstrom	2635

ALTERATIONS
 (2580) 3801 35th AVE., OAKLAND. Alter and addition.
 Owner and Builder—Louis Bildross, 1045 65th Street.
 Architect—Not given. \$1100

REPAIRS
 (2581) 1738-42 8th AVE., OAKLAND. Fire repairs.
 Owner—Armanda Eklund, 2690 75th Avenue.
 Contractor—C. V. Rogers, 3618 Hopkins St.
 Architect—Not given. \$1050

DWELLINGS
 (2582) 9944, 50 VOLTAIRE AVENUE, OAKLAND. Two 1-story, 5-room dwellings.
 Owner—E. Lagorio, Alameda, Calif.
 Contractor—P. Royal Haulman, 1243 Broadway.
 Garage, \$100.
 Architect—Not given. \$3000 ea.

RIDING RING
 (2583) MILLS COLLEGE CAMPUS, OAKLAND. One-story riding ring.
 Owner—Mills College.
 Contractor—J. B. Brown, Mills College.
 Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley. \$6000

DWELLING
 (2584) 5608 FLORENCE AVE, OAKLAND. One-story, 5-room dwelling.
 Owner—E. B. Milton, 3073 Mountain Blvd.
 Contractor—W. A. McLeod, 2430 Durant Ave., Berkeley.
 Architect—Not given. \$5000

ALTERATIONS
 (2585) 1321-23 EAST 15th STREET, OAKLAND. Alterations.
 Owner—Frank Sharaflan, 1426 13th Avenue.
 Contractor—Fred Hambleton, 1601 Wellington St.
 Architect—Not given. \$1500

ALTERATIONS
 (2586) 1327, 29 EAST 15th STREET, OAKLAND. Alterations.
 Owner—Frank Sharaflan.
 Contractor—Fred Hambleton, 1601 Wellington Street.
 Architect—Not given. \$1500

ALTERATIONS
 (2587) 304 OLIVE AVENUE, PIED-MONT. Alterations.
 Owner—Mrs. Bernays, 304 Olive Ave.
 Contractor—John Fleming, 2248 Coloma St., Oakland.
 Architect—Not Given. \$2,525

DWELLING
 (2588) 2204 BONAR, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—S. D. Ham, 2363 San Pablo.
 Contractor—Burgett & Johnson, 594 63rd St., Oakland.
 Architect—Not Given. \$3,600

DWELLING
 (2589) 9332 LAWLOR ST., OAKLAND. One-story 5-rm. dwelling.
 Owner—Manuel Baptista's.
 Contractor—A. W. Potter and Sons, 6324 Camden St.
 Architect—Not Given. \$3,900

ADDITION
(2590) 3824 HOPKINS ST., OAKLAND. Addition to store.
Owner—H. F. Bruning.
Contractor—Olaf Petersen, 3636 Rhoda Avenue.
Architect—Miller and Warnecke, Financial Center Bldg. \$3500

DWELLING
(2591) 6756 THE TURN, OAKLAND. One-story 4-room dwelling.
Owner—M. Corporandy.
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.
Architect—Not Given. \$3,000

DWELLING
(2592) 3480 WYMAN ST., OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—E. O. Griffiths, 1207 60th Avenue.
Architect—Not Given. \$3,000

SHOP BLDG.
(2593) 10216 PEARMAN ST., OAKLAND. One-story shop bldg.
Owner and Builder—Otto A. Henning, 3527 Suter Street.
Architect—Not Given. \$2,000

DWELLING
(2594) 6133 ESTATES DRIVE, OAKLAND. Two-story 7-rm. dwelling.
Owner—A. E. Jurs, 304 Pacific Ave.
Contractor—Jensen & Pedersen, 3443 Adeline St.
Architect—Newsom & Newsom, Russ Bldg., San Francisco. \$14,000

(2395) 2825 EAST 14th ST., OAKLAND. Roof repairs.
Owner—Montgomery Ward Co., 2825 East 14th Street.
Contractor—A. K. Goodmundson, 45th Ave. and Clement St.
Architect—Not Given. \$2,000

DWELLING
(2596) 106 SONIA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. \$5,000

SERVICE STATION
(2597) 1839 PLEASANT VALLEY Ave., OAKLAND. One-story steel service station.
Owner—Texas Oil Co., 929 S. Broadway, Los Angeles.
Contractor—A. W. Clark Jr. & Co., Bank of Commerce Bldg.
Architect—Not Given. \$5,000
Also 1-story steel comfort station, \$500.

(2598) 1807 107th AVE., OAKLAND. One-story 5-room dwelling.
Owner—A. E. Womack, 617 Estudillo, San Leandro.
Contractor—Womack & Son, 617 Estudillo, San Leandro.
Architect—Not Given. \$3,500

ALTERATIONS
(2599) 1128 BROADWAY, OAKLAND. Alterations.
Owner—Agnes Borland Est. Oakland
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—W. E. Milwain, 1503 Oakland Avenue. \$5,500

DWELLING
(2600) 5970 RINCON DRIVE, OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—Chas. H. Brown, 1940 Washington St., San Francisco.
Architect—Not Given. \$4,300
One-story garage, \$200.

DWELLING
(2601) 1701 WOODHAVEN WAY, OAKLAND. One-story five-room dwelling.

Owner and Builder—E. L. Elliott, 562 53rd Street.
Architect—Not Given. \$4,500

DWELLING
(2602) 3253 SCHOOL ST., OAKLAND. One-story 5-room dwelling.
Owner—Francelina Perry Linde, 2061 35th Avenue.
Contractor—Wm. Watson, 6756 Melton Avenue.
Architect—Not Given. \$3,000
One-story garage, \$200.

DWELLING
(2603) 9000 BROADWAY TERRACE, OAKLAND. One-story five-room dwelling.
Owner—Robt. Williams, 51 Glenwood Glade.
Contractor—Archie Waring, 3234 Prentiss Street.
Architect—Alf. C. Williams, 661 Caldwell Road. \$5,000
Garage, \$400.

DWELLING
(2604) 2203 CALIFORNIA, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—B. F. Adams, 2205 California.
Contractor—A. E. Correla, 509 E. 14th St., Oakland.
Architect—Not given. \$2900

DWELLING
(2605) 924 LEO WAY, OAKLAND. One-story, 5-room dwelling.
Owner—L. L. Clark.
Contractor—J. F. Hubbard, 5412 Proctor Ave.
One-story garage, \$150.
Architect—Not given. \$3500

ADDITIONS
(2606) 6424 SHAFTER AVE., OAKLAND. Addition.
Owner—H. V. Davis, 6424 Shafter Avenue.
Contractor—Thos. S. Loosing, 3020 Benvenue Ave., Berkeley.
Architect—A. C. Williams, 661 Caldwell Road. \$2500

DWELLING
(2607) 3251 LYNDE STREET, OAKLAND. One-story, 4-room dwelling.
Owner—L. D. Jones, 1733 Jefferson Street.
Contractor—Leo. L. Nichols, 3800 Enos Ave.
Architect—Not given. \$3400

RETAINING WALL
(2608) 5725 EAST 14th STREET, OAKLAND. Construct retaining wall.
Owner—Safeway Stores Inc., 34th and Jackson Sts.
Contractor—J. H. Fitzmaurice, 2857 Hannah St.
Architect—Kaj Thell, 580 Market St., S. F. \$2500

SIGN
(2609) 1522-34 SAN PABLO AVE., OAKLAND. Roof sign.
Owner and Builder—Special Lite Sign Co., 3225 Louise St.
Architect—Not given. \$1000

DWELLING
(2610) 7608 OUTLOOK AVE., OAKLAND. One-story, 5-room dwelling.
Owner—John Buscovich, 9805 Foot-hill Blvd.
Contractor—Dream Home Builders, 416 Kearny St., S. F.
Architect—Not given. \$1750

DWELLING
(2611) 4709 HARBOR DR., OAKLAND. One-story, 5-room dwelling.

Owner and Builder—John S. Flagg, 3540 Morcom Ave.
Architect—Not given. \$5000

DWELLING
(2612) 448 FLORENCE AVE., OAKLAND. Two-story, 6-room dwelling.
Owner and Builder—Hufschmidt & Whalen, 359 17th St.
Architect—Not given. \$7000

DWELLING
(2613) 11 AZTEK WAY, OAKLAND. One-story, 5-room dwelling.
Owner—L. E. Ratekin, 5831 Ocean View Drive.
Contractor—C. R. Tisher, 6127 Foot-hill Blvd.
Architect—Not given. \$4500

ALTERATIONS
(2614) 3822 PATTERSON STREET, OAKLAND. Alterations.
Owner—S. Souza, 3825 38th Ave.
Contractor—Ned Baker, 1733 9th Ave.
Architect—Not given. \$1,000

GARAGE
(2615) 1251 7th STREET, OAKLAND. One-story brick garage.
Owner—W. J. Summers.
Contractor—Edw. Sommarstrom, 1719 8th Ave.
Architect—Not given. \$2635

BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
396	Bk. Amer.	Quandt	3858
397	Lutheran Ch.	Cowell	1342
398	P. G. & E.	Brayer	1206
399	Shasta Cascade	Central	2030
400	Flood	Surety	9000
401	Shasta	Helmsbergen	11875
402	Glanelli	Hall	7583
403	Silk	Johnson	11707

PAINTING
(396) 785 MARKET ST. Paint rear and west wall of bank bldg.
Owner—Bank of America T. & S. Association, premises.
Contractor—A. Quandt & Son, 374 Guerrero St.
Filed Oct. 27, '38. Dated Oct. 25, '38.
Each month 75%
Usual 35 days 25%
TOTAL, \$3,858
Bond, \$3,858. Sureties, Indemnity Insurance Co. of North America. Forfeit, \$10 per day. Limit, Nov. 15. Plans and specifications filed.

PAINTING
(397) 15TH AND DOLORES STS. Paint church.
Owner—Board of Trustees, Ebenezer Lutheran Church, 15th and Dolores Sts.
Contractor—O'Neill & Cowell, 998 Divisadero St.
Filed Oct. 27, '38. Dated Oct. 22, '38.
Not specified. TOTAL, \$1,342
Bond, \$1,350. Sureties, United States Fidelity & Guaranty Co.

ELECTRIC WIRING
(398) NE CORNER OF YERBA BUENA ISLAND. Elec. equipment and wiring at Army Point substation.
Owner—P. G. & E. Co.
Contractor—Geo. F. Brayer.
Filed Nov. 1, '38. Dated Oct. 27, '38.
Each month 85%
Usual 35 days 15%
TOTAL \$1206
Bond, \$1206. Sureties, American Surety Co. of N. Y. Forfeit, \$100 per day. Limit, Dec. 1, 1938. Plans and specifications filed.

ELECTRICAL WORK
 (399) YERBA BUENA SHOALS.
 Electric work for Exhibit Bldg.
 Owner—Shasta-Cascade Exposition Commission.
 Architect—O. A. Deichmann.
 Contractor—Central Elec. Co.
 Filed Nov. 1, '38. Dated Oct. 20, '38.
 Each month 75%
 Usual 35 days 25%
TOTAL, \$2030
 Limit, 90 days. Plans and specifications filed.

PAINTING
 (400) FLOOD BLDG, Market and Powell Sts. Waterproofing and painting three store fronts.
 Owner—Flood Realty Co.
 Engineer—H. J. Brunner.
 Contractor—Surety Waterproofing Co.
 Filed Nov. 1.
 Completion 75%
 Usual 35 days 25%
TOTAL, \$9000
 Bond, \$9000. Sureties, Pacific Indemnity Co. Specifications filed.

INTERIOR FINISHING
 (401) YERBA BUENA SHOALS. Interior finishing of Exhibit Bldg.
 Owner—Shasta-Cascade Exposition Commission.
 Architect—O. A. Deichmann.
 Contractor—Heinsberg Decorating Co., 145 Natoma St.
 Filed Nov. 1, '38. Dated Oct. 20, '38.
 Each month 75%
 Usual 35 days 25%
TOTAL, \$11,875
 Bond, \$11,875. Sureties, U. S. Guarantee Co. Limit, 90 days. Plans and specifications filed.

DUPLEX
 (402) E. PIERCE 100 S. Ellis. Duplex dwelling.
 Owner—John Gianelli.
 Architect—L. O. Berg.
 Contractor—Hugh F. Hall.
 Filer Nov. 1, '38. Dated Sept. 19, '38.
 Walls up 25%
 Brown coat 25%
 Completion 25%
 Usual 35 days 25%
TOTAL, \$7,568
 Limit, Dec. 20, 1938. Plans and specifications filed.

DWELLING
 (403) W. DIVISADERO 280 S. Du-boce. Two-story and basement frame dwelling.
 Owner—Chas. M. & Florence E. Silk, 218 Castro St.
 Architect—Harold G. Stoner, 251 Kearny St.
 Contractor—Joel Johnson, 1614 Church St.
 Filed Nov. 2, '38. Dated Oct. 28, '38.
 Walls sheathed \$2,926
 Brown coat plaster \$2,926
 Completion \$2,926
 Usual 35 days \$2,929
TOTAL, \$11,707
 Bond, \$5,850.50. Sureties, National Automobile Insurance Co. Limit, 90 days. Plans and specifications filed.

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
249 Broadfrank	Beckett	19500
249 Safeway	Fitzmaurice	2677

ALTERATIONS
 (248) 420 14th ST., Oakland. Alterations.
 Owner—The Broadfrank Building Co. 420 14th St., Oakland.
 Architect—Ray F. Keefer, 585 Mandana Blvd., Oakland.
 Contractor—A. T. Beckett, 224 Scenic Ave., Oakland.

Filed, Oct. 28, '38. Dated, Oct. 14, '38.
 Comp. of struc. changes.....\$4875
 Comp. plbg., wiring, etc..... 4875
 Completion 4875
 Usual 35 days 4875
TOTAL COST, \$19,500
 Bond, \$19,300. Sureties, New York Casualty Co. Forfeit, \$12 per day.
 Limit, 60 days. Plans and specifications filed.

RETAINING WALL
 (249) 14th St. BET. 57th AND 58th Aves., Oakland. Concrete retaining wall.
 Owner—Safeway Stores Inc.
 Contractor—J. H. Fitzmaurice, 2758 Hannah St. Oakland.
 Filed Nov. 2, '38. Dated Oct. 31, '38.
 First each month, labor and material 85%
 Usual 35 days 15%
TOTAL, \$267.00
 Bond \$267.7. Sureties, Fidelity and Deposit Co.

**SAN FRANCISCO COUNTY
 PERMITS UNDER \$1000**

ALTER flats, \$350; 632 Balboa St.;
 owner, Mr. Bauer, prem.; contractor, V. Filippis, 269 21st Ave.
ALTER apartments, \$400; 36 Rausch St.;
 owner, James Martin, 36 Rausch St.
ALTER rooming house, \$72; 643 Clay St.;
 owner, Tow Yeun, prem.
SIGN, electric, \$300; 739 Market St.;
 owner, Bay Fur Trading Post, 739 Market St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SHED, iron storage, \$200; N. Stuart 50 E. Mission St.;
 owner, C. A. McCarthy, 93 Stuart St.
ALTER dwelling, \$450; 2269 Cayuga St.;
 owner, Geo. Bangus, prem.; contractor, Donnelly Roofing Co., 652 Fulton St.
SIGN, electric, \$350; 550 Sacramento;
 owner, Stinson, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
POLE, radio, \$300; E. 12th Ave. 160 S. Cragmont;
 owner, Irwin W. Goldstein, 1200 Oak St.; contractor, Miller and McGillis, 444 Geary St.
SIGN, electric, \$400; 320 Bayshore Blvd.;
 owner, T. F. Boblitt, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
ALTER dwelling, \$500; 1004 Mississippi;
 owner, Thelma E. De Wilde.
ALTER dwelling, \$750; 1658 Hudson St.;
 owner, Jos. Firpo, Stockton.
ALTER dwelling, \$200; 405 Detroit St.;
 owner, Geo. Dolf, prem.
ALTER dwelling, \$360; 167 Bonview;
 owner, Frank Frederick, prem.; contractor, National Roofing & Siding Co., 2172 Market St.
SIGN, electric, \$350; 739 Market St.;
 owner, Bay Fur Trading Post, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
FLUES, \$50; S.E. Coleridge and Hyman;
 owner, J. Kusch, 650 Brussels; contractor, P. L. Perini, 325 Wayland Ave.
SIGN, electric, \$300; 667 Monterey Blvd.;
 owner, Herman's Groceries, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
ALTER dwelling, \$640; 54 Collingwood;
 owner, Clair E. Wilson, prem.; contractor, National Roof. and Siding Co., 2172 Market St.
SIGN, electric, \$150; 546 Haight St.;
 owner, Frank Peterson, prem.; contractor, QRS Neon Corp., 690 Potrero Ave.
ALTER dwelling, \$125; 4645 19th St.;
 owner, A. F. Jacklevich, prem.
ALTER apts., \$75; 836 22nd Street;

owner, Emma Jacobson, 820 22nd.
SIGN, electric, \$150; 70 McAllister;
 owner, Louie's, premises; contractor, Apex Elec. Co., 363 Fell St.
FLUE, \$20; 755-57 8th Ave.;
 owner, Mathew Matulich, 1835 18th Ave. contractor, Ahlbach & Meyer, 85 Dorland St.
ALTER store and flat, \$800.00; 2804 Greenwich;
 owner, Eugene Caldero, premises.
ALTER dwelling, \$800; N Day 86 W Noe;
 owner, Alfr'd Le Rey, premises; contractor, Jas. Finnegan, 3344 Army St.
ALTER dwelling, \$500; 1939 20th St.;
 owner, Angus McAuilly, prem.; contractor, Cal. Home Imp. Co., 393 9th St.
ALTER dwelling, \$500; 2230 Vallejo St.;
 owner, Lillian McNulty, 2324 Vallejo St.
ALTER store, \$250; 3458-60 Mission St.;
 owner, Frank Olmo, c/o Bk. of America; contractor, J. D. Woodside, 3460 Mission St.
ALTER garage, \$125; 1517 Geary St.;
 owner, G. Shimmamoto, 1534 Geary St.
ALTER store, \$450; 1120 Oak St.;
 owner, Mr. Coggins, prem.; contractor, Jack Callaghan, 900 Clayton St.
ALTER dwelling, \$100; 678 Noe St.;
 owner, G. Zappa, prem.
ALTER dwelling, \$486; 1502 Noe St.;
 owner, Geo. Pickens, premises; contractor, Donnelly Roofing Co., 652 Fulton St.
ALTER dwelling, \$485; 1719 20th St.;
 owner, David Houston, premises; contractor, Donnelly Roofing Co., 652 Fulton St.
ALTER dwelling, \$490; 144 Sussex;
 owner, Henry Sager, 144 Sussex; contractor, Donnelly Roofing Co., 652 Fulton St.
ALTER dwelling, \$500; 332 Fair Oaks;
 owner, Margaret Lascella, prem.; contractor, Calif. Home Imp. Co., 393 9th St.
SIGN, electric, \$615; 977 Market St.;
 owner, Reed Stores Corp., prem.; contractor, Elec. Prod. Corp., 810 Harrison St.
ALTER dwelling, \$400; 278 Connecticut;
 owner, Jas. J. Ternay, prem.; contractor, Donnelly Roof. Co., 652 Fulton St.
FLUES, \$50; 2567 31st Ave.;
 owner, Berg Bros, 927 Church St.; contractor, J. J. Delucchi, 1526 Powell St.
ALTER dwelling, \$125; 440 20th Ave.;
 owner, E. Silsman, prem.
FLUE, \$20; 2075 Chestnut St.;
 owner, Mrs. Egely, prem.; contractor, Turner and Co., 1270 Pacific Ave.
CHICKEN HOUSE, 1-story frame, \$50;
 Rear 149 Gambler St.; owner, C. and M. Roseague, 149 Gambler St.
ALTER dwelling, \$485; 4040 Army St.;
 owner, Cesina Barriotta, premises; contractor, Donnelly Roofing Co., 652 Fulton St.
ALTER factory, \$475; Fillmore and Bush;
 owner, Q. Barsotti, 1943 Chestnut St.; contractor, Donnelly Roofing Co., 652 Fulton St.
ALTER dwelling, \$900; 640 Steiner St.;
 owner, Barrett and Ruth King, prem.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.
ALTER dwelling, \$365; 33 Virginia;
 owner, Peter C. Kleinsorg, prem.; contractor, Donnelly Roofing Co., 652 Fulton St.
FLUES, \$125; 927 Church St.;
 owner, Berg Bros, prem.; contractor, John J. Delucchi, 1526 Powell St.
ALTER dwelling, \$100; 1455 Lincoln Wav.;
 owner, Mike Calderalla, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & |

4— FACTORIES & WAREHOUSES

Contract Awarded
STORAGE BLDG. Cost, \$5600
WATSONVILLE, Santa Cruz Co., Calif.

Construction of equipment storage bldg. (60x132 ft), concrete walls, built up roof, tile partitions.

Owner—Clark Bros., Watsonville.
Architect—Not given.
Contractor—Ralph S. Friend, 309 Stanford St., Watsonville. * 4

Contract Awarded
MILK PLANT Cost, \$25,000
SAN FRANCISCO. S Oakdale 160 E Selby St.

One-story concrete creamery.
Owner — Clara-Cal. Creamery, San Jose.

Engineer—A. J. Mazurette and F. B. Plant, Oakland.
Contractor—D. B. A. Bridges Const. Co., San Jose.

7— FEDERAL BUILDINGS

BIDS WANTED

YAKIMA, Wash.—Until Nov. 22, bids will be received by the Custodian of the Bldg., at Yakima, for temporary Quarters, at the U. S. P. O. 7

BIDS WANTED

PORT TOWNSEND, Wash.—Until Nov. 18, bids will be received by the Procurement Division, Public Bldg. Branch, Washington, D. C., for caulking windows and copper cornice, etc., at the U. S. P. O., at Port Townsend. 7

LOW BIDDER

SAN DIEGO, Calif.—Walter H. Barber, P. O. Box 980, San Diego, submitted low bid to the 11th Naval District, at \$27,887 (Item No. 1), for extension of steam distributing system at the Naval Operating Base (Marine Corps Base), San Diego; Spec 9017. Recommendation made that contract be awarded Mr. Barber until Item No. 1. 7

BIDS OPENED

RENO, Nev.—Alpine Glass Company, Reno, at \$484.00 net, submitted low bid to the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, under Bid No. 54-39-11, for furnishing and setting all glass required for Treatment Bldg., No. 1, Veterans Administration Facility, Reno.

Total bids follow:

Alpine Glass Co., Reno, \$484, net.
W. P. Fuller & Co., San Francisco, \$532, 2% 30 days.
Desert Glass Co., Reno, \$598.50, net.

Complete Bids

ADDITION

LOS ANGELES, Calif.

Construction of Shop, Garage, and Parrott Detention Bldg. at the U. S. Quarantine Sta., L. A.

Owner—U. S. Government.
Plans by Supv. Architect of Treasury Dept., Washington, D. C.
Low bidder—Duff & Vanderhoogen Co., 733 W. 14th St., Long Beach, \$16,180.

Complete bids follow:
Duff & Vanderhoogen Co., Long Beach, \$16,180.
Robt. E. McKee, Los Angeles, \$16,500.
R. Westcott Co., Inc., Los Angeles, \$16,994.

The Constructing Engineers Co., Los Angeles, \$17,400.
Pozzo Constr Co., Los Angeles, \$18,000.

W. E. Allen, Long Beach, \$18,349.
J. E. Burrell & Sons, Long Beach, \$19,950.

Escherich Bros., Los Angeles, \$18,990.

James I. Barnes Constr. Co., Santa Monica, \$19,300.

L. F. Dow Co., Los Angeles, \$22,347.

BIDS OPENED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend Street, at \$449 submitted low bid to the Constructing Quartermaster, Fort Mason for installing acoustical tile in Rooms Nos. 205-A, 206-A and 207-A of Bldg. No. 100, Presidio of San Francisco.

Only one bid submitted by Van Arsdale-Harris Lbr. Co., San Francisco, at \$561.00.

BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 18, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for power plant equipment at the 11th Naval District (Fleet Training Base) San Clemente Island, Cal. Spec. 8977.

Work consists in general of the furnishing and installing of two 100-kw. Diesel engine generating sets; the engine starting, cooling and fuel oil systems, switchboard, concrete foundations and floor, pipe trenches and cable pit, and electric conduit, wiring and lighting in building.

Bidding data obtainable from the Public Works Officer, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

KETCHIKAN, Alaska.—Until Dec. 6, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for grilles for detention windows and skylights at the U. S. P. O., Court House, Custom House and Jail at Ketchikan, Alaska.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., at Ketchikan. 7

BIDS WANTED

PEARL HARBOR, T. H.—Bids are now being received by the Bureau

of Yards & Docks, Navy Dept., Washington, D. C. (no bid opening date set) for three turbo alternators at the Naval Fleet Air Base, Pearl Harbor, T. H. Spec. No. 9027. Estimated cost, \$400,000. 7

Sub-Contracts Awarded

POST OFFICE Cont. Pr., \$51,324
LOS BANOS, Merced Co., Calif.
Construction of U. S. post office.
Owner—United States Government.
Plans prepared by Supervising Architect of Treasury Dept., Washington, D. C.

Contractor—L. F. Dow Co., 245 Bundy Drive, Los Angeles.

Plumbing and Heating—R. Gardner, Sixth St., Los Banos.

Wood Floors—Aetna Hardwood Floor Co., 951 Buchanan St., San Francisco.

Rock and Sand—F. B. Mark, Newman.

Cement—Monolith Portland Cement Co., Los Angeles.

Reinforcing Steel—Kyle & Co., Stockton.

CONTRACT AWARDED

SAN DIEGO, Calif.—V. L. Browning Co., Willoughby, Ohio, at \$77,150 awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for diesel-electric portable crane consisting of revolving hinged jib, A-frame, and machinery house mounted on traveling gantry at the Naval Operating Base (Destroyer Base), San Diego; Spec. No. 8937.

Complete bids follow:

Victor R. Browning Co., Willoughby, Ohio, \$77,150.

R. W. Kaltenbach, Bedford, Ohio, \$79,980.

Star Iron & Steel Co., Tacoma, Wash., \$83,900.

Industrial Brownhoist Corp., Bay City, Mich., \$87,000.

Dravo Corp., Pittsburgh, Pa., \$91,375.

McKiernan-Terry Corp., Harrison, N. J., \$97,340.

Heyl-Patterson, Inc., Pittsburgh, Pa., \$97,850.

Lakeside Bridge & Steel Co., Milwaukee, Wisc., \$98,000.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 10, 11 A. M., bids will be received by the War Department, Quartermaster Corps, Ninth Corps Area, Presidio of San Francisco, under Bid No. 3922-39-3, for furnishing and installing one 210,000 BTU gas fired heating unit complete, equipped and installed on second floor of building located at No. 1441 Van Ness Ave., San Francisco.

Plans and specifications may be obtained from the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason. 7

BIDS WANTED

DOUGLAS, Ariz.—Until Nov. 19, bids will be received by the Custodian of the Bldg., for exterior painting and miscellaneous repairs at the Border Station, Douglas, Ariz. 7

BID OPENED

SACRAMENTO, Calif.—Henry L. Grohne, Decatur, Ill., at \$1,937 submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for waterproofing at the U. S. P. O., and Court-house at Sacramento. * 7

BIDS OPENED

RENO, Nev.—Vermont Marble Co., 525 Market St., San Francisco, at \$1,380 submitted low bid to the Supervising Superintendent of Construction, Veterans' Administration, Palo Alto, Calif., for furnishing and installing marble work and slate for stairways in Treatment Bldg. No. 1, Veterans' Administration Facility, Reno. Complete bids follow:
 Vermont Marble Co., S. F. \$1,380
 Far Cook Marble Co., Emeryville 1,425
 Jos. Musto Sons, S. F. 1,425
 Clervi Marble Co., S. F. 1,532
 Bruner Marble Co., L. A. 1,598
 1% 30 days.

BIDS OPENED

RENO, Nev.—H. P. Fischer Tile & Marble Co., 1219 Jay St., Sacramento at \$676.00 submitted low bid to the Supervising Superintendent of Construction, Palo Alto, Calif., for furnishing and installing tile floor and base in Treatment Bldg. No. 1, Veterans Administration Facility, Reno. Complete bids follow:
 H. P. Fischer Tile & Marble Co., Sacramento, \$676; 2% 10 days.
 Superior Tile Co., Oakland, \$865; 1% 10 days.
 Clervi Marble Co., San Francisco, \$930; net.
 Sunset Tile Co., San Francisco, \$1,068; 2% 10 days.
 (909) 1st report Oct. 26, 1938. * 7

BIDS WANTED

SAN FRANCISCO.—Until Nov. 22, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for misc. work to provide for surface drainage at the U. S. Mint at San Francisco.
 Drawings and specifications may be obtained from the above office and from the Custodian of the Building at San Francisco. * 7

BIDS OPENED

SACRAMENTO, Calif.—Walter J. Gamel, Denver, Colo., at \$3,385 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc. (old portions) in the U. S. P. O. and Court House at Sacramento.
 Complete bids follow:
 Walter J. Gamel, Denver, \$3,385; (1) \$590
 Pacific Painting & Decorating Co., Oakland, \$5,148; (1) \$816
 R. P. Paoli & Co., San Francisco, \$6,400; (1) \$890
 Patterson Bros., Oakland, \$6,776; (1) 790
 Harry Wasserman, Los Angeles, \$6,575; (1) \$1,400.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—John P. Ryan, Eureka, at \$4,750 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for heating repairs and plumbing at the U. S. P. O. at Eureka.
 Only other bid submitted by Paul E. Cook, Eureka, at \$5,580. * 7

Low Bidders

ADDITION
 LOS ANGELES, Calif.
 Construction of Shop, Garage, and Parrot Detention Bldg. at the U. S. Quarantine Sta., L. A. Owner—United States Government. Plans by Supervising Architect of Treasury Dept., Washington, D.C.
 Low Bidder—Buff and Vanderhogen Co., 733 W 14th St., Long Beach, \$16,180.
 Second low bid submitted by Robt. E. McKee, Los Angeles, at \$16,500.

CONTRACT AWARDED

SAN DIEGO, Calif.—Shannahan Bros. Inc., 6193 Maywood Avenue, Huntington Park, at \$304,437 (item 7) awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for construction of concrete pier 750 ft. long and 60 ft. wide with tracks, pipe and electric service lines at the Naval Operating Base (Destroyer Base), San Diego. Spec. 8840.

Complete bids on seven proposals follow:

Shannahan Bros., Inc., Huntington Park, (1) \$232,843; (2) \$243,530; (3) \$254,733; (4) \$265,455; (5) \$282,653; (6) \$294,985; (7) \$304,437.
 Frank Doran and F. W. Steffgen, San Diego, (1) \$237,978; (2) \$248,378; (3) \$260,478; (4) \$278,678; (5) \$296,478; (6) \$315,378; (7) \$330,478.
 Robert E. McKee, Los Angeles, (1) \$260,000; (2) \$273,000; (3) \$286,000; (4) \$304,000; (5) \$317,000; (6) \$330,000; (7) \$337,000.
 Walter Trepte, San Diego, (1) \$262,000; (2) \$278,000; (3) \$292,000; (4) \$308,000; (5) \$326,000; (6) \$342,000; (7) \$355,000.
 E. O. Larsen, San Diego, (1) \$263,000; (2) \$277,000; (3) \$291,000; (4) \$313,000; (5) \$322,000; (6) \$338,000; (7) \$349,000.
 Healy-Tibbitts Corp., San Francisco, (1) \$268,247; (2) \$281,131; (3) \$293,93; (4) \$310,662; (5) \$324,138; (6) \$336,887; (7) \$344,456.
 Baruch Corp., Los Angeles, (1) \$269,352; (2) \$283,495; (3) \$296,870; (4) \$312,156; (5) \$340,533; (7) \$350,302.

R. G. Clifford, San Francisco, (1) \$288,157; (2) \$303,358; (3) \$318,555; (4) \$335,760; (5) \$348,961; (6) \$362,162 (7) \$371,117.

V. H. Dennis Const. Co., San Diego (1) \$293,400; (2) \$309,300; (3) \$321,300; (4) \$342,600; (5) \$358,200; (6) \$373,100; (7) \$382,400.

United Concrete Pipe Corp., Los Angeles, (1) \$299,000; (2) \$312,100; (3) \$325,000; (4) \$342,200; (5) \$355,300; (6) \$369,300; (7) \$378,000.

R. E. Hazzard & Sons, San Diego, (1) \$306,000; (2) \$320,200; (3) \$331,490; (4) \$349,780; (5) \$361,630; (6) \$375,600; (7) \$388,500.

W. C. Callahan Const. Co., Los Angeles, (1) \$312,450; (2) \$319,000; (3) \$334,000; (4) \$349,000; (5) \$366,000; (6) \$379,000; (7) \$389,000.

MacDonald & Kahn Co., Ltd., San Francisco, (1) \$340,000; (2) \$360,000; (3) \$376,000; (4) \$393,000; (5) \$410,000; (6) \$428,000; (7) \$437,000.

Rohl-Connelly Co., Los Angeles, (1) \$430,000; (2) \$511,690; (3) \$541,690; (4) \$570,938; (5) \$589,261; (6) \$616,515; (7) \$644,986.

BIDS OPENED

HONOLULU, T. H.—Geo. E. Freitas, Honolulu, T. H., at \$7,400 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for alterations to the 3rd floor of the U. S. P. O. at Honolulu.

Complete bids follow:
 Geo. E. Freitas, Honolulu, \$7,400
 MacDonald Const. Co., St. Louis \$2,200
 E. E. Black, Ltd., Honolulu, 8,250
 John Hansen, Honolulu, 8,980
 Ralph E. Woolley, Honolulu, 9,340
 Olaf Lagried, Honolulu, 9,450
 7

CONTRACT AWARDED

GOVERNMENT ISLAND, Ala. Co., Calif.—Fire Protection Products Co., 1101 16th Street, San Francisco, at \$1950 awarded contract by the Contracting Officer, Commander W. G. Bloom, U. S. Coast Guard Base No. 11, Maritime Service Training Station, Government Island, Oakland, for misc. sheet metal work and mill work in Unit 18, Government Island.

BIDS WANTED

FORT LEWIS, Wash.—Until Nov. 9, 11 A. M., bids will be received by Contracting Quartermaster Capt. E. J. Antonovich, Fort Lewis, for construction of a hospital building at McChord Field. Estimated cost, \$90,000.

Plans and specifications may be obtained from the Contracting Quartermaster upon deposit of certified check in the amount of \$25.00.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 17, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for gates, flood lights, etc., at the U. S. Mint, San Francisco. * 7

BIDS WANTED

SEATTLE, Wash.—Until Nov. 10 bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new elevator cables in the Immigration Station and Assay Office at Seattle. * 7

BIDS WANTED

KETCHIKAN, Alaska.—Until Nov. 29 bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal counters at the U. S. P. O. at Ketchikan. * 7

BIDS WANTED

DENVER, Colo.—Until Nov. 15, 1:00 P. M., (bid opening date postponed from Nov. 9), bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for the construction (including elevators) of detention bldgs. at the U. S. Federal Jail, Denver. Bidding data may be obtained from the Procurement Division in Washington; no deposit required. * 7

CONTRACT AWARDED

GOVERNMENT ISLAND, Ala. Co., Calif.—Scott Co., Inc., 243 Minna St., San Francisco, at \$2,534 awarded contract by the Contracting Officer, Maritime Service Station, Government Island or furnishing material and installing plumbing and misc. changes at U. S. Coast Guard Base 11, Maritime Service Training Station, Government Island.

BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 16, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for 8 moorings, consisting of concrete platforms supported by precast concrete cylinder on wood piles at the Naval Operating Base, San Diego; Spec. No. 8908. Est. cost, \$200,000.

Drawings and specifications may be obtained from the above office and from the Commandant, Naval Operating Base, San Diego, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal.—Until November 23, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for miscellaneous hetterments at the U. S. P. O. and Customs House at San Pedro. * 7

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at San Pedro.

CONTRACT AWARDED

CANAL ZONE.—Tucker - McClure Co., Balboa, at \$742,300 awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D.

C., for 24 apartment houses, four quarters for officers and two transient former houses at the Naval Submarine and Fleet Air Bases, Coco Solo, C. Z., and at the Fifteenth Naval District Headquarters, Balboa, C. Z. Spec. 8843.

Complete bids follow—
Tucker-McClure Co., Balboa (1) \$749,700; (2) \$740,700.
Grebien & Hauke, Cristobel, (1) \$814,725; (2) \$730,000.
J. Jones Const. Co., Charlotte, N. C., (1) \$829,281; (2) \$735,623.
Grebien and Martinez, Inc., Panama, (1) \$870,000; (2) \$818,000.
Griffon Const. Co., Inc., and Vanguard Const. Co., New York City (1) \$895,739; (2) \$853,739.
W. E. Thurston Co., Richmond, Va., (1) \$943,700; (2) \$900,000.
Navey & Luttrell, Inc., Ancon, C. Z., (1) \$1,000,000; (2) \$900,000.
R. E. Campbell, Los Angeles, (1) \$1,080,000; (2) \$985,000.
J. Slotnick Co., Boston, (1) \$1,082,000; (2) \$1,022,000.

BIDS WANTED

SAN FRANCISCO.—As previously reported, until Nov. 23, 10 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, Major F. D. Jones, San Francisco and Vicinity, Ft. Mason, for construction and completion of one Bakers' and Cooks School and Barracks and one commissary and warehouse at Presidio of San Francisco. Est. cost, \$547,910.
Plans and specifications may be obtained upon deposit of \$15, certified check payable to Finance Officer, Fort Mason.
Bids must be accompanied by bid bond in the amount of 10% of bid. (847) 1st report Oct. 12; 3rd, Oct. 26, 1938. 7

BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 18, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for galley and cold storage equipment at the Naval Operating Base (Destroyer Base), San Diego. Spec. 9018.
Work includes the furnishing and the installing of the following: (1) under Part I of the specification, galley, cafeteria, accessory equipment and certain piping and electrical connections; (2) under Part II of the specification, cold-storage plant and certain piping and electrical connections.
Bidding data obtainable from the Public Works Officer upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks. 7

BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 15, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for terrazzo floors in Dispensary Barracks and Bachelor Officers Quarters buildings at the 11th Naval District (Fleet Air Base), San Pedro; Spec. 9015. Est. cost, \$2,000.
Work includes furnishing of all materials and labor for installation of approximately 2600 square feet of terrazzo floor and includes terrazzo base in connection therewith.
Bidding data obtainable from the Public Works Officer upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

GROVILLE, Butte Co., Calif.—Until November 17, bids will be received by the Procurement Division,

Public Bldgs. Branch, Washington, D. C., for roof repairs and interior painting, at the U. S. P. O. at Oroville. 7

BIDS WANTED

SAN DIEGO, Calif.—Until Nov. 30, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for painting plaster, etc., in the U. S. P. P., etc., at San Diego.
Specifications may be obtained from the above office and from the Custodian of the Bldg., at San Diego. 7

BIDS WANTED

SANTA MONICA, L. A. Co., Calif.—Until Nov. 23, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Wash., D. C., for stuccoing the exterior of the U. S. Post Office Bldg. in Santa Monica. 7

Contract Awarded
POSTOFFICE Cont Pr., \$53,330
CAMAS, Washington.
United States Post Office.
Owner—U. S. Government.
Plans by Supv. Architect, Treasury Dept., Washington, D. C.
Contractor—Joseph A. Anderson, 3132 N. E. 69th Ave., Portland, Ore.

BIDS WANTED

SAN FRANCISCO.—As previously reported until Nov. 17, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Wash., D. C., for installation of gates, floodlights and for construction of miscellaneous approach work at the U. S. Mint at San Francisco.
Drawings and specifications obtainable from the above office and from the Custodian of the building at San Francisco.

9— HOSPITALS

Preparing Working Drawings
HOSPITAL Cost, \$.....
SAN FRANCISCO, NE California and Maple Streets.
Four-story L-shaped reinforced concrete hospital building (200x150-ft.) to contain 48 private and semi-private rooms, baths and toilets; full X-ray dept., maternity dept., surgical dept., with 3 operating rooms, convalescent roof solarium, full automatic elevators; rubber tile, asphalt tile, acoustical materials, air conditioning system, etc.
Owner—Homeopathic Foundation of California, 391 Sutter Street.
Architect—Martin J. Rist, Phelan Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market Street.
Mechanical Engineer—Albert A. Cndington, 222 Kearny Street.

Construction Underway
HOSPITAL ADDN.
RICHMOND, Contra Costa Co., Cal.
Two-story reinforced concrete addition to hospital (50x70-ft.).
Owner—Richmond Cottage Hospital.
Architect—Keith O. Narbett, 462 31st Avenue, Richmond.
Contractor—Elmer J. Freethy, 224 16th St., Richmond. 7

Bids Wanted—To Close November 16, 2:30 P. M.
HOSPITAL.
SAN FRANCISCO. Seventh Ave. and Dewey Blvd., (Laguna Honda Home).
Construction of New Hospital Unit, Ward Bldgs. "M" and "N", and alterations to present ward bldgs.

"E", "F" and "L" and Service Building. New hospital bldg. (400 beds), will connect with present unit and contain X-ray offices, staff offices, operating room and morgue.

Owner—City and County of S. F.
Architect—Dodge A. Riedy, 821 Market St., and Frederick H. Meyer, Kohl Bldg., S. F.
Structural Engineers—W. H. Ellison, Pacific Bldg., and Hall & Pagnoff, 350 California St., Associates.
Electrical Engineer—Robert L. St. John, 544 Market St.
Mechanical Engineers—Leland and Haley, 58 Sutter St.

Bids will be taken as follows:
(1) **General Construction**
Proposal 1: All work, including mechanical equip., plumbing and electrical work.
Alternate 1: Add or deduct for sch-lage heavy duty locks.
(2) **General Construction**
Proposal 1: All work.
Alternate 1: Add or deduct for Sch-lage heavy duty locks.
Mechanical Equipment and

Plumbing Work
Proposal 1: All work.

Electrical Work
Proposal 1: All work.

Estimated Costs
General construction, mech. equip., plumbing and electrical work, \$705,000; deposit for plans \$100.
General construction only, \$535,000; deposit \$50.
Mechanical equipment and plumbing, \$110,000; deposit \$25.
Electrical work, \$60,000; deposit \$25.
Plans and specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall.

Sub Contracts Awarded
HYDROTHERAPY WINGS
Cont. Price, \$89,700.
AGNEW, Santa Clara Co., Calif.
Two hydrotherapy wings at State Hospital (two separate additions on existing receiving bldgs.); two-story reinf. concrete construction, hollow tile partitions, steel sash, tile roofs. (Total combined area approx. 14,000 sq. ft.).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Moore & Roberts, 693 Mission St., S. F.
Painting—W. G. Thompson, 336 Church Street.
Sheet Metal—Morrison & Co., 74 Du-boce St.

Ornamental Iron—Michel & Pfeffer Iron Works Inc., 10th & Harrison Sts.
Dressing Room Partitions—Parker-Carpenter Inc., 606 Mission St.
Toilet Partitions—Price Bldg. Specialties Co., 35 Gilbert St.
Reinforcing Steel—Gilmore Fabricators Inc., 821 Folsom St.
Placing Reinforcing Steel—Lawrence F. Neass, 226 Staples St.
All of San Francisco.

10— HOTELS

Contract Awarded
EXTERIOR PAINTING Cost, \$.....
SAN FRANCISCO. 753 Bush Street.
Exterior painting of Grant Hotel.
Owner—Capital Co., 625 Market St.
Plans by Constr. Dept. of Owner.
Contractor—Christian De Marta, 2752 Octavia Street, (958) 7 10

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

HEALTH CENTER

Cont. Price, \$37,593
STOCKTON, San Joaquin Co., Calif.
130 South American Street.
Health Center—brick construction
(Annex 50x100-ft.) offices, dental
clinic, nurses' rooms, etc.
Owner—County of San Joaquin.
Architect—J. U. Cloudsley, Exchange
Bldg., Stockton.
Contractor—John C. Meyers, Rt. 1,
Box 439, Stockton.

BIDS WANTED

YERBA BUENA SHOALS.—Until
Nov. 18, 2 P. M., bids will be received
by the Department of Public Works
at the office of the California Com-
mission for the Golden Gate Inter-
national Exposition, Room 411, Pa-
cific Mutual Life Insurance Build-
ing, 660 Market St., San Francisco,
and publicly opened and read in Rm.
415 of said building, for general con-
struction of the Floriculture Build-
ing on Yerba Buena Shoals.
Plans and specifications may be
obtained at the above office upon
deposit of \$25, returnable, and may
be seen at the office of the State
Architect, Public Works Bldg., 12th
and N Streets, Sacramento, and at
the office of the Builders' Exchange
in San Francisco and Oakland.

BIDS WANTED

YERBA BUENA SHOALS.—Until
Nov. 18, 2 P. M., bids will be received
by the Department of Public Works
at the office of the California Com-
mission for the Golden Gate Inter-
national Exposition, Room 411, Pa-
cific Mutual Life Insurance Build-
ing, 660 Market St., San Francisco,
and publicly opened and read in Rm.
415 of said building, for general con-
struction, interior finish and facilities
for Agricultural Exhibit in Ex-
position Palace No. 7-A, on Yerba
Buena Shoals.
Plans and specifications may be
obtained at the above office upon
deposit of \$25, returnable, and may
be seen at the office of the State
Architect, Public Works Bldg., 12th
and N Streets, Sacramento, and at
the office of the Builders' Exchange
in San Francisco and Oakland.

Plans and specifications may be
obtained at the above office upon
deposit of \$25, returnable, and may
be seen at the office of the State
Architect, Public Works Bldg., 12th
and N Streets, Sacramento, and at
the office of the Builders' Exchange
in San Francisco and Oakland.

BIDS WANTED

YERBA BUENA SHOALS.—Until
Nov. 18, 2 P. M., bids will be received
by the Department of Public Works
at the office of the California Com-
mission for the Golden Gate Inter-
national Exposition, Room 411, Pa-
cific Mutual Life Insurance Build-
ing, 660 Market St., San Francisco,
and publicly opened and read in Rm.
415 of said building, for electrical
work for the Auditorium Building,
on Yerba Buena Shoals.
Plans and specifications may be
obtained at the above office upon
deposit of \$25, returnable, and may
be seen at the office of the State
Architect, Public Works Bldg., 12th
and N Streets, Sacramento, and at
the office of the Builders' Exchange
in San Francisco and Oakland.

Plans and specifications may be
obtained at the above office upon
deposit of \$25, returnable, and may
be seen at the office of the State
Architect, Public Works Bldg., 12th
and N Streets, Sacramento, and at
the office of the Builders' Exchange
in San Francisco and Oakland.

Construction Underway.
CITY HALL Cont. Price, \$84,000
SAN LEANDRO, Alameda Co., Calif.
East Fourteenth Street.
Part 1. and 2-story reinforced con-
crete City Hall, firehouse and
jail (150x300-ft.)
Owner—City of San Leandro (E. F.
Hutchings, City Clerk).
Architect—Irwin M. Johnson, 2219 7th
Ave., Oakland.
Contractor—Geo. Petersen, 1841 Ban-
croft Ave., San Leandro.

Sub-Contracts Awarded
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of
the 1939 World's Fair.
Construction of exhibit building.
Owner—General Petroleum Corp.
Plans by Engr. Dept. of Owner.
Contractor—Lindgren and Swinerton,
Inc., 615 Standard Oil Bldg., San
Francisco.
Fire Alarm Service—American Dis-
tributing Telegraph Co., 150 Post St.
Electric Wiring—Chas. A. Langlais,
472 Tehama Street.
Painting—D. Zelinsky and Sons, 165
Grove Street.
Lumber—Christensen Lbr. Co., Quint
and Evans Avenue.
Prestwood—Western Asbestos Co., 675
Townsend Street.
All of San Francisco.

SUB-BIDS WANTED

YERBA BUENA SHOALS.—Oliver
S. Almie, 1445 24th Ave., San Fran-
cisco, (OV 3449) is figuring plans and
desires sub-bids on the following
trades for construction of the Illi-
nois Bldg., Contract No. 220, on Yerba
Buena Shoals, for which bids will
be opened November 7, 3 P. M., by
the San Francisco Bay Exposition
Co., 585 Bush St., San Francisco:
Finish hardware, glazing, sheet
metal, roofing, magnesite floors, plas-
tering, staff work, painting, plumb-
ing, exhaust ventilating, electrical
work and paving. * 13

Sub Contracts Awarded
ADDITIONS Cont. Price, \$78,937
SPADRA, Pacific Colony, Los Ange-
les Co., Calif.
Addition to Administration Building
and Isolation Building.
Owner—State of California.
Architect—Geo. E. McDougall, State
Architect, Public Works Building,
Sacramento.
Contractor—Baruch Corp., 625 S.
Olive St., Los Angeles.
Rock and Sand—Crescent Materials
Company.
Cement—Kern Bros.
Steel Forms—Steelform Contracting
Company.
Reinforcing Steel—Blue Diamond Co.
Masonry—Harry Johnson.
Tile and Marble—Premier Tile and
Marble Co.
Glass—Golden State Glass Co.
Misc. & Ornamental Iron—Architec-
tural Metals Company.
Steel Sash—Detroit Metal Products
Company.
Dumbwaiter—Beckwith Elevators.
Installation—Coast Materials Co.
Lathing & Plastering—A. Ray Teter.
Sheet Metal—Jones-Peterson Co.
Refrigeration—Eugene Meloney Co.
Hollow Metal—J. Royden Estey.
Painting—Wm. Gelfan

BIDS OPENED

YERBA BUENA SHOALS.—W. C.
Akard, 225 Cervantes Blvd., S. F., at
\$19,443, submitted low bid to the
Dept. of Public Works, at the of-
fice of the California Commission
for the Golden Gate International
Exposition, 660 Market St., San Fran-
cisco, for general construction of the
Dairy Products Bldgs., on Yerba
Buena Shoals.
Complete bids follow:
W. C. Akard, \$19,443.
J. C. Dunn, Inc., \$21,900.
Fred J. Early, Jr., \$22,683.
McDonald & Kahn Co., Ltd., \$23,-
400.
Barret & Hilp, \$25,147.
Clinton Constr. Co., \$26,646.

CONTRACT AWARDED
SAN FRANCISCO.—San Francisco
Elevator Co. Inc., 860 Folsom St., at
\$82,500 awarded contract by the Dept.
of Public Works, City Hall, for al-

tering Otis Elevator No. 7, large city
prison car. * 13

Bids Opened

HALL OF RECORDS
MODESTO, Stanislaus County, Calif.
Present Courthouse site.
Four-story with penthouse, full base-
ment, Class A reinforced concrete
Hall of Records building, with
two wings of 2-stories and one
wing of 1-story; continuous win-
dows standing between columns;
water cooled roof; interior de-
mountable partitions. The build-
ing is designed for future expan-
sion and will house county de-
partments and hall for board of
supervisors.

Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901
Downey Ave., Modesto.
Structural Engineer—H. J. Brunner,
Sharon Bldg., San Francisco.
Low bidder: Dinwiddie Constr. Co.,
Inc., 210 Crocker Bldg., San Fran-
cisco, \$106,500.

Complete general and segregated
bids follow:

General Work

Dinwiddie Construction Co., Inc.,
San Francisco, \$106,500.
Fred J. Early, Jr., S. F., \$111,884.
L. Uebels, Ripon, \$114,650.

Aluminum

Kinnear Mfg. Co., 361 Brannan St.,
San Francisco, \$2,990
California Artistic Metal & Wire
Co., San Francisco, \$3,280.

Floor Covering

West Coast Linoleum & Carpet
Stores, 2703 Mission St., S. F., \$3,100.
Linoleum Studio, \$3,333.
McLean's Hardwood Floor and Lin-
oleum, Stockton, \$3,475.
American Art Tile Co., S.F., \$4,370.
Valve Asbestos & Supply Co., Mo-
desto, \$5,827.

Elevator

Otis Elevator Co., 1 Beach Street,
San Francisco, \$10,926.
Westinghouse Electric Elevator Co.,
San Francisco, \$11,216.

Only one bid was received for
plumbing and one bid for electric
work, which were returned to bid-
ders unopened in accordance with
PWA regulations. No bids were re-
ceived for heating and air-condition-
ing, which together with electric and
plumbing work will be re-adver-

Award Recommended

CITY HALL, ETC. Cost, \$.....
SONORA, Tuolumne Co., Calif.
Two-story reinforced concrete city
hall, firehouse and library bldg.
Owner—City of Sonora, T. V. Wulf,
City Clerk.
Engineer—Chas. Gulick, Stockton.
Low Bidder—Cotner, Tomnitz & King
Modesto, \$30,885.

Recommendation made to PWA
'hat contract be awarded low bid-
der.

tised.
Bids Wanted—To Close November 22,
5 P. M.

CITY HALL Cost, \$130,000
PORTERVILLE, Tulare Co., Calif.
City Hall, Police Headquarters and
Jail Building.
Owner—City of Porterville, W. R.
Means, City Clerk.
Bonds in the amount of \$47,000, to-
gether with PWA allotment of \$58,-
090 and funds on hand will finance
construction.

Plans and specifications may be ob-
tained from the architect's office
upon deposit of \$10, returnable.
Bids must be accompanied by cer-
tified or cashier's check or bid bond
for 10% of bid and will be opened
at 7:30 P. M. of that day in the
City Clerk's office at the City Hall.

Award Recommended**MEMORIAL HALL**

REDDING, Shasta Co., Calif.
Veterans' Memorial Building.
Owner—County of Shasta, (Errol A. Yank, Clerk).
Architect—Masten & Hurd, 442 Post St., San Francisco.

Low bidder: Adam Arras & Sons, 4008 18th St., San Francisco, \$65,994.
Recommendation made that contract be awarded low bidder on basic bid without considering any alternate proposals.

Complete basic bids follow:
Adam Arras & Son, S. F., \$65,994 (includes telegraphic deductions of \$9,006).

Empire Const. Co., Ltd., S. F., \$66,670.

D. W. Nicholson, Oakland, \$67,827.

B. A. Hawkins & Co., S. F., \$68,836.

Bids Wanted—To Close November 22, 5 P. M.

CITY HALL Cost, \$130,000
PORTERVILLE, Tulare Co., Calif.
City Hall, Police Headquarters and Jail Building.

Owner—City of Porterville, W. R. Means, City Clerk.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Bonds in the amount of \$47,000, together with PWA allotment of \$58,090 and funds on hand will finance construction.

As previously reported plans and specifications may be obtained from the architect's office upon deposit of \$10, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened at 7:30 P. M., of that day in the City Clerk's office at the City Hall.

BIDS OPENED

YERBA BUENA SHOALS—James A. Nelson, Inc., 1375 Howard Street, San Francisco, at \$27,948 submitted low bid to the Dept. of Public Wks. at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for plumbing, heating and ventilating work for the Auditorium Building on Yerba Buena Shoals.

Complete bids follow:

James A. Nelson, Inc., \$27,948.

E. Sugarman, \$28,094.

James H. Pinkerton, \$28,677.

Scott Co., Inc., \$28,847.

Herman Lawson Co., \$30,063.

O'Mara & Stewart, Ltd., \$30,274.

CONTRACT AWARDED

YERBA BUENA SHOALS—W. C. Akard, 225 Cervantes Blvd., S. F., at \$19,443 awarded contract by the Department of Public Works, California Commission for the Golden Gate International Exposition, 660 Market St., S. F., for general construction of the Dairy Products Bldg., on Yerba Buena Shoals.

Bids Wanted—To Close Nov. 10, 2 P. M.

EXCAVATION Cost, \$31,000
OLYMPIA, Washington.

Excavation contract for State Office building, Capitol group, which will include grading and sewers for the State Capitol buildings.

Owner—State of Washington, State Capitol Committee, A. C. Martin, Secretary.

Architect—Jos. H. Wohleb, Olympia.
Plans and specifications may be obtained from the architect's office upon deposit of \$10. 13

Excavation Contract Awarded**CIVIC AUDITORIUM**

Estimated cost, \$250,000.
SANTA CRUZ, Santa Cruz Co., Cal.
SW cor. of Center and Church.
Two-story early California style auditorium building approx. 100 by 160 ft., seating 1410 on the main floor with balcony to seat 600; stage, dressing rooms, committee rooms.

Owner—City of Santa Cruz.

Architect—Mark Daniels, 101 Post St., San Francisco.

The City of Santa Cruz recently voted bonds in the amount of \$140,000, which proceeds, together with PWA grant of \$114,540 will finance construction.

Nielsen & Erbenbraut, 201 S. Market St., San Jose, at \$875 awarded contract for preparing the auditorium site. Contract for driving of concrete piles for the foundation of the bldg., will shortly be let, preparatory to bid call for main construction.

Completing Plans

FAIR BLDGS. Cost, \$400,000
SACRAMENTO, Calif. State Fair Grounds.

Two new buildings for 4-H Club boys and girls and Future Farmers of America.

Owner—California State Fair and Exposition.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.

Award Approved

CITY HALL, ETC. Cont. Pr. \$30,885
SONORA, Tuolumne Co., Calif.

Two-story reinforced concrete city hall, firehouse and library bldg.

Owner—City of Sonora (T. V. Wulf, City Clerk).

Engineer—Chas. Gulick, Stockton.

Contractor—Cotner, Tomnitz & King, Modesto.

PWA approved award of contract.

Contract Awarded

CIVIC BLDGS. Cont Price \$41,300
KING CITY, Monterey Co., Calif.

Constructor of reinforced concrete library building and city hall to be central unit of eventual group to include firehouse and jail.

Owner—City of King City.

Architect—Robt. Stanton, Del Monte Hotel, Del Monte.

Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove.

Sub Contracts Awarded

CITY HALL Cont. Price, \$38,421
YUBA CITY, Sutter Co., Calif.

City Hall Bldg., containing administration offices, meeting chambers police and fire department.

Owner—City of Yuba City.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Contractor—Azevedo Const. Co., 5th and V Sts., Sacramento.

Roofing—Bush Roofing Co., 1912 K Street.

Plumbing—H. B. Stevens Plumbing Co., 1309 19th Street.

Electric Wiring—Sam Blissett, 949 33rd Street.

Heating and Sheet Metal—Dunphy Sheet Metal Products, 3136 Folsom Blvd.

Tile Work—H. P. Fischer Tile and Marble Co., 1219 J Street.

Glass—W. P. Fuller & Co., 1013 12th Street.

Grading—Hemstreet and Bell, 501 11th St., Marysville.

Linoleum—H. W. Rivett Co., 2300 Y Street.

All of Sacramento, unless otherwise noted.

Sub-Contracts Awarded

EXHIBIT BLDG. Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction of exhibit building.
Owner—United States Steel Corp., New York City.

Architect—Walter D. Teague, New York City.

Contractor—Lindgren and Swinerton, Inc., 615 Standard Oil Building, San Francisco.

Plastering—Wm. G. and A. Gilmour, 666 Mission Street.

Ventilating Fans—James A. Nelson, Inc., 1375 Howard St.

Glass—W. P. Fuller & Co., 301 Mission Street.

Painting—A. Quandt and Sons, 374 Guerrero St.

Plumbing—Higgins & Kraus, 741 Tehama Street.

Reinforcing Steel—Soule Steel Co., 1750 Army Street.

Misc. and Ornamental Iron—Anchor Post Fence Co., 460 Fifth St.

Metal Rails—McNeil-Steinberg Mfg. Co., 36 Clyde St.

Steel Angles, Etc.—Gulfoff Cornice Works, 1234 Howard St.

Kalomite Doors—Fire Protection Products Co., 1101 16th Street.

Electric Wiring—Chas. A. Langlais, 472 Tehama Street.

Fire Alarm Service—American District Telegraph Co., 150 Post St.

Lumber—Christensen Lbr. Co., Quint and Evans Ave.

Mill Work—Pacific Mfg. Co., Santa Clara.

Doors—Johns-Manville Sales Corp., 116 Montgomery St.

Wallboard—Standard Distributing Co., 1345 Mission St.

Materials—Forderer Cornice Works, 269 Potrero Ave., Western Builders, Supply Co., 401 4th St.

All of San Francisco, unless otherwise noted.

CONTRACT AWARDED

YERBA BUENA SHOALS—James A. Nelson Inc., 1375 Howard Street, San Francisco, at \$27,948 awarded contract by the Department of Public Works California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for plumbing, heating and ventilating work for the Auditorium Building on Yerba Buena Shoals.

14—RESIDENCE

Construction Underway
RESIDENCES Cost, \$4100 ea.

SOUTH SAN FRANCISCO, San Mateo Co., Calif., City Park subdivision, (West of Orange Avenue, bet. Commercial and Railroad Avenues).

First unit of ten residences (5 rooms each).

Owner—South San Francisco Land & Improvement Co., (P. J. Shaw, pres.).

Agents—Shall Realty Co., 21 Orange Ave.

Architect—Didge A. Riedy, 821 Market St., San Francisco.

Contractor—Richard Delucchi & Co., 3775 San Bruno Ave., S. F.

Preparing Working Drawings
RESIDENCE

MILL VALLEY, Marin Co., Calif.

One-story and basement frame and Redwood siding residence; (6 rooms), wood and steel sash, composition roof, gas fired warm air heating system, hardwood floors, tile bath, etc.

Owner—Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Low Bidder
RESIDENCE
HILLSBOROUGH, San Mateo Co.
 Two - story frame and shingle residence (9 rooms), gas fired, forced hot air heating, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Avenue, Burlingame.

Low Bidder—Herman T. Holsher, 325 Elm St., San Mateo.
Construction Underway
RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Calif.
 One - story frame and stucco residence (6 rooms) hardwood floors, tile bath, wood sash, wood shingle roof, central heating system, etc.
 Owner—R. E. Williams, c/o Architect Architect—Alfred C. Williams, 661 Caldwell Road, Oakland.
 Contractor—Archie Waring, 3234 Prentiss St., Oakland.

Being Done By Days Work
RESIDENCE
PIEDMONT, Alameda Co., Calif.
 One-story frame and Redwood siding (7 rooms), gas fired forced air heating system, linoleum baths, steel sash, hardwood flrs., etc.
 Owner—A. A. Thiel.
 Architect—Alfred C. Williams, 661 Caldwell Road, Oakland.

Contract Awarded
RESIDENCE Cont. Pr., \$11,707
SAN FRANCISCO, Divisadero St.
 Two-story frame and stucco residence (hardwood floors, tile baths, etc.).
 Owner—Dr. C. M. Silk.
 Architect—Harold G. Stoner, 251 Kearny St.
 Contractor—Joel Johnson & Son, 1614 Church St., San Francisco.

Construction Underway.
RESIDENCE Cost, \$8,990
SAN JOAQUIN COUNTY, Cal. Near Woodbridge.
 One-story frame and rustic residence (hardwood floors, tile bath, wood shake roof, etc.)
 Owner—Henry F. Ellis.
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.
 Contractor—Fred C. Bender, 345 N. Stockton St., Lodi.

Plans Being Figured—Bids Close Nov. 10, 5 P. M.
RESIDENCE
ATHERTON, San Mateo Co., Calif. Linden Wood.
 Two-story frame residence; hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.
 Following is partial list of selected contractors figuring plans:
 Herman T. Holsher, 325 Helm St., San Mateo.
 G. W. Williams Co., 10 California Drive, Burlingame.
 Sunquist Bros.

Preparing Working Drawings
RESIDENCE Cost, \$9000
COLUSA COUNTY, Calif., about one mile south of Colusa.
 One-story frame Colonial type residence; hardwood floors, tile baths, shingle roof, warm air heating system, etc.
 Owner—Withheld.
 Architect—C. K. Sumner, Deckerock Bldg., Palo Alto.

Completing Plans
RESIDENCE Cost, \$.....
BURLINGAME, San Mateo Co., Cal. Bonito Way.

One - story frame and stucco residence (5 rooms) separate 2-car garage, hardwood floors, tile bath
 Owner—Withheld.
 Architect—Oscar R. Thayer, 557 Market St., San Francisco.
 Plans will be completed on Nov. 1 and bids asked of a selected list of contractors.

Completing Plans
RESIDENCE
MAN MATEO, San Mateo Co., Calif., 11th Ave. near Palm Drive.
 One-story frame and stucco residence (5 rooms), 2-car garage, tile roof, gas fired, hot air furnace, plank floors, glass blocks, interior California stucco, etc.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 557 Market St., San Francisco.
 Plans will be completed Nov. 10 and figured by a selected list of contractors.

Contract Awarded
RESIDENCE Cost, \$5,325
BURLINGABLES, San Mateo Co., Calif., Lexington Ave.
 One-story frame residence; (5 rooms) hardwood floors, tile bath, etc.
 Owner—Withheld.
 Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.
 Contractor—Martin Peterson, 128 Lorton Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, \$12,800
MERCED, Merced Co., Calif.
 One-story frame and stucco residence (9 rooms, 3 baths), hardwood floors, tile baths, wood sash, etc.
 Owner—Mr. Braucht.
 Architect—Charles E. Butner, 7 Winham St., Salinas.
 Contractor—P. McCombs, 648 19th St., Merced.

Preparing Working Drawings
RESIDENCE Cost, \$15,000
PIEDMONT, Ala Co., Calif.
 Two-story residence (8 rooms, 3 baths) all wood exterior, shingle roof, air conditioning heating system, hardwood floors, tile and linoleum baths, etc.
 Owner—Withheld.
 Architects—Williams & Wastell, 337 17th St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, \$.....
RICHMOND, Contra Costa Co., Cal.
 Two-story frame and wood siding Colonial residence (shingle roof, wood sash, gas fired hot air heating system, etc.)
 Owner—Mr. Regalia, c/o Architect.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Contract Awarded
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 Two-story Colonial type residence (10 rooms) shingle roof, gas fired hot water heating system, hardwood floors, tile baths, wood sash, etc.
 Owner—Frank Campbell.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Contractor—Kocher Constr. Co., Notre Dame Ave. and Carlisle, San Jose.

Preparing Working Drawings.
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Calif.
 One - story brick and frame residence (5 rooms, 2 bedrooms) gas fired hot air heating, shake roof, wood sash, hardwood floors, tile bath, etc.
 Owner—Mr. Bliss, c/o Architect.

Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Completing Preliminary Plans
RESIDENCE Cost, \$.....
BERKELEY, Alameda Co., Cal. Arlington Heights.
 Two-story frame residence (10 rooms & 6 baths).
 Owner—Withheld.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

15— SCHOOLS

Contract Awarded
RECONSTRUCTION
 Cont. Price, \$33,863
OAKLAND, Ala. Co., Calif. 103rd Avenue and E St.
 Reconstruction of Stonehurst School. Owner—Oakland School District.
 Engineer—Charles A. Whitton, Second Ave. and 10th St., Oakland, (Sch. Administration Bldg.).
 Contractor—Central Calif. Constr. Co., Inc., 115 Burrows St., S. F.

LOW BIDDER
REDLANDS, San Bernardino Co., Calif.—L. T. Scherer, P. O. Box 423, Redlands, submitted low bid to Redlands Board of Education, at \$29,290, for construction of a 1-story shower and locker room at the Redlands Jr. high school, Church and Citrus Sts., A PWA project. Marsh, Smith & Powell, architects, 516 Architects' Bldg., L. A. 15

AWARD RECOMMENDED
SAN MARINO, L. A. Co., Calif.—Ray Gerhart, 334 S. Greenwood Ave., Pasadena, submitted low bid and was awarded contract by San Marino Elementary School District, at \$54,595, for construction of a one-story addition to the Henry E. Huntington school. Award subject to PWA approval. Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles. 15

Bids Wanted — To Close Nov. 22, 4 P. M.
DEMOLITION
OAKLAND, Ala. Co., Calif. Grand and Perry Sts.
 Demolition of the Lakeview School Annex.
 Owner—Oakland School District.
 Engineer—Charles A. Whitton, Second Avenue, and 10th Street, Oakland, (Sch. Administration Building).
 Specifications obtainable from Rm. 109, 1025 Second Ave., Oakland. No deposit required.

BIDS OPENED
SAN FRANCISCO.—Anchor Post Fence Co., 460 Fifth St., at \$262.40 submitted low bid to the Department of Public Works, City Hall, for furnishing and installing 108 lineal feet of chain link fabric fence 8-ft. high at Emerson School.
 Complete bids were:
 Anchor Post Fence Company.....\$262.40
 Wickwire - Spencer Company.....299.00
 Standard Fence Company.....311.11
 15

Prospective Bidders
SCHOOL Cost, \$.....
MILLBRAE, San Mateo Co., Calif.
 Construction of a reinf. concrete elementary school building, including landscaping, etc.
 Owner—Millbrae Elementary School District, (R. J. Patterson, Clerk).
 Architects—Masten & Hurd, 442 Post St., San Francisco.
 Plans and specifications may be obtained at the office of the architects upon deposit of \$25, returnable.
 As previously reported, bids will

be received until Nov. 14, 7 P. M., and opened at 8 P. M., of that date in the office of the District Superintendent of Schools, Milbrae.

Following have taken out plans:
 Frank J. Reilly Co., 6350 Fuiton St., San Francisco.
 Moore & Roberts, 693 Mission St., San Francisco.
 G. W. Williams Co., 10 California Drive, Burlingame.
 James L. McLaughlin Co., 251 Keary St., S. F.
 Monson Bros., 475 Sixth St., S. F.
 Miller Constr. Co., 3917 Mission St., San Francisco.
 P. F. Reilly, 666 Mission Street, San Francisco.
 DeLuca & Son, Inc., 1745 Filbert Street, S. F.
 K. E. Parker Co., 135 So. Park, San Francisco.
 Lloyd O'Brien, 369 Pine St., S. F.

Sub-Contracts Awarded
SCHOOL Cont. Price, \$72,923
BRENTWOOD, Contra Costa Co.
 One-story frame and stucco school building (15 classrooms) and demolition of existing structures.
 Owner — Brentwood Deer Valley Grammar School District.
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.
 Contractor—George Roek, P. O. Box 783, Stockton.
 Wrecking—Lease Wrecking Co., 525 W. Fremont St., Stockton.
 Concrete—Frod Kaus, 2726 E Main St., Stockton.
 Reinforcing Steel—Kyle & Co., Inc., West's Lane, Stockton.
 Misc. Iron—Valley Steel & Welding Works, 935 E. Scotts Ave., Stockton.
 Plastering—W. H. Ekin, 2123 East Sonora St., Stockton.
 Mill Work—Electric Planing Mill, 545 S. Monroe, Stockton.
 Guniting—Cement Gun Const. Co., 16 California St., San Francisco.
 Sheet Metal and Plumbing—Robert Hansen, 609 Tenth St., Modesto.
 Heating—T. J. Kennedy, Box 53, Martinez.
 Painting — F. J. Brooks, Box 3272, Brentwood.
 Electric—F. T. Schooley, 116 E Oak, Stockton.
 Roofing—San Joaquin Lumber Co., Scotts Ave. and Madison, Stockton.
 Linoleum—McLean Hardware Floor Co., 37 S. Sutter, Stockton.
 Window Hardware—Universal Window Co., 950 Parker St., Berkeley.

Bids Opened
SCHOOL ADDN.
 CARMICHAEL, Sacramento Co., Cal.
 Construction of addition to Carmichael School.
 Owner—Carmichael School Dist. (Emma L. Cole, Clerk).
 Structural Engineer—F. H. Reynolds, 905 Forum Bldg., Sacramento.
 Low Bidder—Lawrence Const. Co., 2574 18th St., Sacramento, \$20,666.00.
 Total bids follow:
 Lawrence Const. Co., Sacto.....\$20,666
 Chas. F. Unger, Sacramento.....22,862
 H. W. Robertson, Sacramento.....23,618
 Recommendation made to PWA that the contract be awarded low bidder.
 (855) 1st report Oct. 13, 1938. 15

BIDS WANTED
 LOS ANGELES, Calif.—Until Nov. 14, 2 P. M., bids will be received by Los Angeles Board of Education for a 1-story auditorium building to be built at the Samuel Gompers, Jr. high school, 234 E. 12th St., a PWA project. It was previously reported the bids would be opened on Nov. 9

Separate bids will be taken on the general work, plumbing heating and ventilating, electric work and painting. Myron Hunt and H. C. Chambers, architects, 408 S. Sprng St.; C. Deuel, structural engineer; E. L. Ellingwood, mechanical engineer; V. O. Knudsen, acoustical engineer. 15

Contract Awarded
EXCAVATING AND GRADING
 ARCADE, Sacramento Co., Calif.
 Excavating and grading site for construction of additions to Arcade Elementary School.
 Owner—Arcade Elementary School District, (Geo. W. Fleicher, Clerk).
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.
 Contractor—Otto Steinbrenner, 2146 Perkins Way, Sacramento, \$170.
 Complete bids follow:
 Otto Steinbrenner, Sacramento, \$170.
 C. A. Baker, Sacramento, \$200.
 J. G. Lentz, Sacramento, \$245.

Bids for construction of additions to Arcade Elementary School will be called for shortly. Est. cost, \$40,000.

Award Recommended
AUDITORIUM
 SANTA ROSA, Sonoma Co., Calif.
 Fremont Grammar School.
 One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).
 Owner—City of Santa Rosa School District.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Low Bidder—Empire Const. Co., Ltd. Russ Bldg., San Francisco, \$35,813.00.
 Recommendation made to PWA that contract be awarded low bidder.

CONTRACTS AWARDED
WATSONVILLE, Santa Cruz Co., Calif.—Following low bidders were recommended to the PWA for awards by the Watsonville Union High Sch. District. T. S. MacQuiddy, Clerk, for the furnishing, installation and construction of gymnasium apparatus, athletic goods, misc. equip., office equip., sidewalks and curbing, sprinkler system, landscaping and laundry equip., located at Watsonville. Plans by Architect Harold H. Weeks, San Francisco:
 Gym Apparatus—Dwan & Co., 126 Post St., S. F., \$968.
 Athletic Goods—E. P. Flinnigan, \$5,552.
 Office Equipment—C. C. Spencer Co., \$1,566.89.
 Sidewalks & Curbing—Granite Con. Co., Ltd., Watsonville, \$265.
 Sprinkling System—West Coast Nursery Co., 580 Market St., S. F., \$288.
 Landscaping — Aladdin Nurseries, \$445.50.
 Laundry Equipment—Trask & Squier Co., Inc., 39 Natoma St., S. F., \$1,696.
 Bids received for miscellaneous equipment were rejected and will be readvertised later.

Low Bidders
AUDITORIUM-GYM
 SHAFER, Kern Co., Calif.
 Construction of one-story reinforced concrete auditorium-gymnasium for Shafter High School at Shafter and gym-auditorium with locker rms. for McFarland High School at McFarland.
 Owner—Kern County Un. High Sch. District. (C. F. Moore, Clerk).
 Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfeld Bldg., Bakersfield.
 Low bidder: F. A. Greenough, 2931 22nd St., Bakersfield.

Second low bid submitted by Harman and Co., Los Angeles.

CONTRACT AWARDED
 TRACY, San Joaquin Co., Calif.—
 S. C. Giles, 121 W. Knowles Way, Stockton, at \$15,123 awarded contract by the Tracy Union High School District, Bert Banta, Clerk, for the construction of a music building located at Tracy.

LOW BIDDER
 LANCASTER, Los Angeles Co., Cal.—Pinkerton & Jameson, 118 E 6th St., Corona, submitted low bid to Antelope Valley Joint Union High School District at \$45,500 for construction of a physical education building on the high school site, Lancaster, a PWA project. Scott Quintin, architect, Edison Bldg., Alhambra. 15

Award Recommended
AUDITORIUM-GYM
 SHAFER, Kern Co., Calif.
 Construction of one-story reinforced concrete auditorium - gymnasium for Shafter High School at Shafter and gym-auditorium with locker rms. for McFarland High School at McFarland.
 Owner—Kern County Un. High Sch. District. (C. F. Moore, Clerk).
 Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfeld Bldg., Bakersfield.
 Low bidder: F. A. Greenough, 2931 22nd St., Bakersfield, \$186,980.
 Recommendation made to PWA that contract be awarded the low bidder.

Complete bids follow:
 Frank A. Greenough, Bakersfield, \$186,980.
 Harman & Company, L. A., \$186,987.
 I. H. Hansen & Son, Fresno, \$190,980.
 Guy E. Hall, L. A., \$194,630.
 Opperman & Co., Bakersfield, \$199,900.
 H. B. Nicholson, L. A., \$203,000.
 John N. Harvey, Bakersfield, \$204,650.

Award Recommended
SCHOOL
 COTTONWOOD, Shasta Co., Calif.
 Construction of new grammar school
 Owner—Cottonwood Elementary Sch. District.
 Architects—Masten & Hurd, 442 Post St., San Francisco.
 Low bidder: M. R. Peterson, 1116 O. St., Sacramento, \$60,718.
 Recommendation made to PWA that contract be awarded low bidder on basic bid of \$69,798, deducting alternatives 1, 2, 3, 4, 5, and 7.
 Complete bids follow:
 M. R. Peterson, Sacramento, \$68,798 (1) \$115, (2) \$420, (3) \$555, (4) \$6,500, (5) \$1,110, (6) \$140, (7) \$350, (8) \$1,010.
 Empire Construction Co., Ltd., \$71,400. (1) \$350, (2) \$270, (3) \$580, (4) \$5,700, (5) \$1,100, (6) \$300, (7) \$280, (8) \$800.
 H. H. Henning, Stockton, \$74,440. (1) —, (2) \$500, (3) \$615, (4) \$8,000, (5) \$1,200, (6) \$350, (7) \$400, (8) \$900.
 Fred J. Early, Jr., S. F., \$77,317, (1) \$500, (2) \$300, (3) \$575, (4) \$7,500, (5) \$1,000, (6) \$300, (7) \$200, (8) \$900.

BIDS WANTED
 SAN BERNARDINO CO., Calif.—Until November 8, 3 P. M., bids will be received by the Coachella Valley Union High School District at the present school, Van Buren St. and Avenue 56, Coachella Valley (county territory), for the first unit of a new high school building, a PWA project. Certified check or bond for \$50

required. Plans may be obtained from Architect E. Chas. Parke, 1 Fuller Bldg., San Bernardino, upon deposit of \$25.00. 15

Low Bidder
SCHOOL ADDN.
NEWBERG, Oregon.
 One-story frame and brick veneer addition and shop unit at high school.
 Owner—Union High School District No. 6, Yamhill Co., (W. E. Nelson, Clerk).
 Architect—John Laurin Reynolds, 841 Willamette St., Eugene.
 Low bidder: H. J. Settergren, 5627 N. E. 26th St., Portland, \$163,077. * 15

Prospective Bidders
HIGH SCHOOL Cost, \$21,000
HALF MOON BAY, San Mateo Co.
 One-story frame and reinforced concrete high school.
 Owner—Half Moon Bay High School District, (Jos. F. George, Clerk).
 Architect—Thomas M. Edwards, Rm. 1104, 9 Geary St., San Francisco.

Plans and specification may be obtained from the architect's office upon deposit of \$25, returnable.
 As previously reported bids will be received until Nov. 9, 8 P. M., and opened at 8:30 P. M., of that date in the office of the clerk in the Half Moon Bay Union High School Bldg.
 Following have taken out plans:
 R. A. McLean & Co., 602 California St., San Francisco.
 G. W. Williams Co., 10 California Drive, Burlingame.

Frank J. Reilly Co., 6350 Fulton St., San Francisco.
 Chas. F. Pedersen, 734 Prospect Row, San Mateo.
 Moore & Roberts, 693 Mission St., San Francisco.
 Miller Const. Co., 3917 Mission St., San Francisco.

BIDS WANTED—To Close November 14, 8 P. M.
SCHOOL Cost, \$71,000
SAN MATEO, San Mateo Co., Calif.
 Baywood, SW cor. Park Blvd. and Notre Dame Ave.
 One-story frame and stucco grammar school building.
 Owner—San Mateo School Dist. (A. A. Gugel, Clerk).
 Architects—W. H. Toepke, 74 New Montgomery St., Thomas M. Edwards, 9 Geary St., and H. A. Schary, 605 Market Street, San Francisco.

Plans and specifications may be obtained from Mr. Toepke's office upon deposit of \$15, returnable.
 Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened in Froebel Hall, 120 North Ellsworth Ave., San Mateo.

CONTRACT AWARDED
PLACENTIA, Orange Co., Calif.—
 Winter Constr. Co., 2404 W. 7th St., L. A., awarded contract by Placentia Unified School District, at \$23,565, for construction of a one-story, reinforced concrete addition to the Valencia high school, Placentia. Award subject to PWA approval.
 T. C. Kistner, architect, 412 Architects' Bldg., L. A.; Wm. T. Wright, structural engineer. 15

CONTRACT AWARDED
PLACENTIA, Orange Co., Calif.—
 John C. Blystone, 624 S. La Brea, L. A., awarded contract by Placentia Unified School District, at \$27,900, including Alt "A", for construction of an outdoor swimming pool at the Valencia high school. Award subject to PWA approval. T. C. Kist-

ner, architect, 412 Architects' Bldg., L. A.; Wm. T. Wright, structural engineer. 15

Sub Contracts Awarded
SCHOOL Cont. Price, \$65,505
SAN LUCAS, Monterey Co., Calif.
 School bldg. to contain three classrooms, auditorium, kitchen, etc.
 Owner—San Lucas School District.
 Architect—C. J. Ryland, 139 Bonifacio Place, Monterey.
 Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove.
Roofing & Tile Work—C. L. Frost, 165 Webster St., Monterey.
Electric Wiring & Heating—Norman A. Russell, 822 College Avenue, Santa Rosa.
Sheet Metal—Anderson-Dougherty-Hargis Co., 225 Main St., Salinas.
Glass—W. P. Fuller & Co., 301 Mission St., S. F.
Window Shades—West Coast Window Shade Co., 46 19th St., Oakland.
Mill Work—The Work Lumber Co., Monterey.
Hardware—Marshall-Newell Supply Co., Spear and Mission Sts., S.F.
Painting—Patterson Bros., 2059 Webster St., Berkeley.

CONTRACT AWARDED
PLACENTIA, Orange Co., Calif.—
 Wurster Constr. Co., 902 E. 59th St., L. A., awarded contract by Placentia Unified School District, at \$13,491, for a shower and locker room bldg. to be built at the La Jolla sch. Award subject to PWA approval.
 T. C. Kistner, architect, 412 Architects' Bldg., L. A.; Wm. T. Wright, structural engineer. 15

Award Recommended
ADDITIONS & ALTERATIONS
LATON, Fresno Co., Calif.
 Alterations and addition to present school building.
 Owner—Laton Elementary Sch. Dist. (Mrs. Elwood Letson, Clerk).
 Architect—W. D. Coates, 626 Rowell Bldg., Fresno.

Low Bidder—Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno, \$19,483.

Recommendation made to PWA that contract be awarded low bidder. Complete bids follow:
 Midstate Construction Co. \$19,483
 Ericson & House 19,560
 Richmond Construction Co. 19,593
 T. C. & W. H. Irwin 20,040
 Harris Construction Co. 29,137
 R. Pedersen 22,123
 All of Fresno.

Bids Opened
SCHOOL
HOPLAND, Mendocino Co., Calif.
 One-story frame and stucco grammar school building to contain four classrooms, kitchen and offices.
 Owner—Hopland Un. Grammar Sch. District.
 Architect—John Easterly, Healdsburg and Santa Rosa.

Low Bidder—J. R. Armstrong, 834 E. 10th St., Oakland, \$30,541.

Recommendation made to PWA that contract be awarded low bidder on basic bid, including acceptance of alternate deduction (1) composition roof in lieu of the roof; (2) omit radio equipment and wiring for same, and (3) omit toilet and fixtures in office and teachers' room.
 Complete bids follow:
 J. R. Armstrong, Oakland, \$31,998; (1) \$1,040; (2) \$150; (3) \$267.
 Charles Swanfelt, Ukiah, \$32,923; (1) \$1,033; (2) \$150; (3) \$300.
 F. M. Crane, Fortuna, \$33,200; (1) \$1,033; (2) \$135; (3) \$310.
 M. R. Peterson, Sacramento, \$33,358; (1) \$1,200; (2) \$153; (3) \$365.
 W. D. Rapp, Santa Rosa, \$34,500; (1) \$700; (2) \$165; (3) \$275.

Robt. McCarthy, San Francisco, \$35,418; (1) \$900; (2) \$150; (3) \$320.
 Fred J. Early, Jr., San Francisco, \$38,876; (1) \$1,000; (2) \$100; (3) \$250.

Sub Contracts Awarded
ADDITION Cont. Pr., \$36,995
COLUSA, Colusa Co., Calif.
 Addition to contain 6 classrooms at the grammar school.
 Owner—Colusa Elementary Sch. District.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
 Contractor—Otto Steinbrenner, 2146 Perkins Way, Sacramento.

Roofing—Capitol Roofing & Supply Co., 2011 Q St.
Plumbing, Heating and Sheet Metal—Woodland Plumbing & Hardware Co., Woodland.
Electric Wiring—Luppen and Hawley Inc., 3126 J St.

Tile Work—H. O. Adams Tile Co., 911 26th St.
Glass—W. P. Fuller & Co., 1013 12th Street.

Window Shades & Linoleum—Elder's Drapery Studio, 1827 J St.
Brick & Stone Work—Edwin A. Hunn, 917 5th, Marysville.
Lumber & Mill Work—Diamond Match Co., Chico.

Painting—J. R. Robinson, 113 D St., Marysville.
Lathing & Plastering—Steve Tuchfarber, 2116 36th St.
 All of Sacramento unless otherwise noted.

Plans Completed
HIGH SCHOOL Cost, \$227,000
SACRAMENTO CO., Calif. About 15 miles northeast of Sacramento
 San Juan High School.

High school plant to contain twelve classrooms, gymnasium, auditorium, agricultural shop, cafeteria, dramatic arts room, administration offices and boiler room.
 Owner—San Juan Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
 PWA grant of \$102,375 allotted, which, together with bonds voted recently in the amount of \$125,000, will finance construction.

Plans forwarded to State Division of Architecture for approval.

BIDS WANTED
TUCSON, Ariz.—Until Nov. 10, 5 P. M., bids will be received by Sch. District No. 1, Pima County, Ariz., for construction of the Tucson Jr. high school. Separate bids will be taken on the general work and the plumbing and heating. Plans and specifications may be obtained from Architect Henry O. Jaastad, 103 Milltenberg St., Tucson, upon deposit of \$15. Certified check for 5% required.

LOW BIDDER
SAN MARINO, L. A. Co., Calif.—
 Ray Gerhart, 334 S. Greenwood Ave., Pasadena, submitted low bid to San Marino Elementary School District, at \$54,595, for construction of a one-story addition to the Henry E. Huntington school, a PWA project. Marsh, Smith & Powell, architects, 516 Architects' Bldg., L. A. 15

Contract Awarded
SCHOOL Cont. Price, \$20,409
HOLLISTER, San Benito Co., Calif.
 Frame and stucco grammar school to contain 3 classrooms and toilet rooms.
 Owner—Hollister Elementary School District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.
 Contractor—R. Pedersen, 446 Clark

Sub Contracts Awarded

SCHOOL Cont. Price, \$72,070
KERN CO., Calif. Tejon Pass bet.
Fort Tejon and Lebec.
One-story grammar school building
(200x100 ft.) to contain three
classrooms, office and gymna-
siums, toilets; tile roof, maple
and linoleum floors, gas steam
heating system, plaster and fibre
board interior finish, etc.

Owner—Pershing Elementary School
District. (G. A. Watson, Trustee).
Architect—Frank Wynkoop, 420 Ha-
berfelde Bldg., Bakersfield.

Structural Eng.—F. W. Kellberg, 320
Market St., S. F.
Mechanical Eng.—D. S. Reynolds, 1031
S. Broadway, L. A.

Contractor—J. K. Thomas, 700 Kress
Bldg., Long Beach.

Roofing—W. R. Tobias, 832 W. 5th
Street.

Plumbing and Heating—Travers and
Riddell.

Electric Wiring—Coast Electrical Co.,
1631 Pacific Ave., Long Beach.

Sheet Metal—Tom Neff Sheet Metal
Works, 900 W. Broadway, Long
Beach.

Iron Grille Work—South Gate Iron
Works, 8513 Long Beach Blvd.,
South Gate.

Lumber—Patten-Blinn Lumber Co.,
521 E. 5th St.

Mill Work—Graves Co., 200 Pasa-
dena Avenue.

Painting—Harry Wasserman, 424 N.
Crescent Heights Blvd.

Lathing & Plastering—F. A. Arbia,
1042 Gladys Ave., Long Beach.

Linoleum—L. D. Reeder Co., 121 N.
Larchmont Blvd., L. A.

All of Los Angeles unless other-
wise noted.

Sub Contracts Awarded

Cont. Price, \$70,494
JUNIOR COLLEGE ADDITION
AUBURN, Placer Co., Calif.

One-story classroom and adminis-
tration building addition at Pla-
cer Junior College at Auburn.

Owner—Placer Union High School &
Junior College District.

Architects—Masten & Hurd, 442 Post
St., San Francisco.

Contractor—Lawrence Const. Co.,
5372 Ninth Ave., Sacramento.

Roofing—Bush Roofing Co., 1912 K
St., Sacramento.

Plumbing, Heating, Sheet Metal,
Glass, Lumber and Linoleum—
Auburn Lumber Co., Auburn.

Electric Wires—Collins Electrical
Co., 708 E. Market St., Stockton.

Tile Work—Fischer Tile & Marble
Co., 1219 J St., Sacramento.

Iron Grille Work—Independent Iron
Works, 821 Pine St., Oakland.

Bid Opening Postponed Until Nov. 7,
7:30 P. M.

ADDITIONS AND ALTERATIONS
SANTA CLARA, Santa Clara Co.
Additions and alterations to girls'
gymnasium at the high school.

Owner—Santa Clara Un. High School
District.

Architect—Harold H. Weeks, 593
Market St., San Francisco.

PWA grant of \$10,000 will aid in
financing.

Plans and specifications obtainable
at the architect's office upon deposit
of \$20.00.

Bids will be opened at 8 P. M.,
Nov. 7, in the office of the Board
of Trustees Santa Clara Union High
School. Opening date postponed from
Nov. 1.

Following have taken out plans:

A. J. Hopper, 243 Langton Street,
San Francisco.

Dan Caputo, 985 Dalmas Ave., San
Jose.

Nielsen & Erbenraut, 201 S. Mar-
ket St., San Jose.

Carl N. Swenson Co., 355 Stockton
Ave., San Jose.

N. H. Sjoberg & Son, 5604 E. 16th
St., Oakland.

Central Calif. Const. Co., Inc., 115
Burrows St., San Francisco.

Bert Ward & Son, 1139 Lincoln
Ave., San Jose.

Bids Opened

SHOP & GYM

EL CERRITO, Contra Costa Co., Cal.
S. E. cor. Eureka Ave. and Key-
Route Right-of-way.

New shop building and gymnas-
ium building for El Cerrito High Sch.
District. (W. T. Helms, Secy.)

Owner—Richmond Union High Sch.
Architects—Dracog & Schmidt, 2068
Allston St., Oakland.

Low Bidder—Elmer J. Freethy, 224
16th St., Richmond, \$175,550.

General bids were received with
three alternates as follows, all de-
ductions: (1) omit one bank shower
in girls' shower room, (2) omit ce-
ment floors and wainscoting in boys'
shower room, (3) 1x6 ft. room sheath-
ing in lieu of 3x4 ft. ply wood.

Complete bids follow:

Elmer J. Freethy, Richmond, \$175,-
550, (1) \$1400, (2) \$300, (3) \$2500.

Central California Const. Co., S. F.,
\$176,883, (1) \$2500, (2) \$500, (3) \$1500.

H. J. Christensen Co., & W. E.
Lyons Const. Co., Alameda, \$179,621,

(1) \$1600, (2) \$420, (3) \$1800.

K. E. Parker Co., S. F., \$179,975,

(1) \$2188, (2) \$424, (3) \$1620.

E. T. Letter Sons, Oakland, \$182,-
837, (1) \$2200, (2) \$650, (3) \$1500.

Lloyd O'Brien, S. F., \$184,880, (1)

\$2500, (2) \$500, (3) \$1500.

F. C. Stolte Co., Alameda, \$189,-
400, (1) \$2500, (2) \$570, (3) \$900.

Bids held under advisement.

Bids Wanted—To Close November 14,
4:30 P. M.

HIGH SCHOOL Cost, \$.....
McARTHUR, Shasta Co., Calif.

Construction of a new high school
building.

Owner—Fall River Joint Union High
School Dist. (A. Frederick Bunge,
Secretary).

Architects—Masten & Hurd, 442 Post
St., San Francisco.

Plans and specifications may be
obtained at the office of the archi-
tects upon deposit of \$25, returnable.

Bid must be accompanied by cer-
tified or cashier's check or bid bond
for 5% of bid and will be opened in
the office of the County Superinten-
dent of Schools of Shasta County,
Court House, Redding.

BOND ELECTION

YUBA COUNTY, Calif.—The Linda
Elementary School District will vote
November 18 on a proposal to issue
bonds in the amount of \$8,000, which
proceeds will aid in financing con-
struction of alterations and improve-
ments to school buildings. 15

Bids Wanted—To Close November 18,
2 P. M.

HIGH SCHOOL Cost, \$140,000
SILVERTON, Oregon.

Two-story masonry and concrete high
school building (130x311-ft.) lock-
ers, full equipment, etc.

Owner—School District 4, Marlon Co.
(H. D. Adams, Clerk).

Architect—F. Marlon Stokes, 1301
Terminal Sales Bldg., Portland.

Plans and specifications may be
obtained from the architect's office
upon deposit of \$20; 5% bid security
required. 15

Bonds Voted

SCHOOL ADDN. Cost, \$27,900
EASTON, Fresno Co., Calif.

Addition to school.
Owner—Washington Un. School Dist.,
Fresno County.

Architect—W. D. Coates, 626 Rowell
Bldg., Fresno.

Application filed for PWA grant to
aid in financing.

LOW BIDDERS

LOS ANGELES, Calif.—Wm. J.
Shirley, 1724 S. Vermont Ave., sub-
mitted low general bid to L. A.
Board of Education, at \$253,374 for
remodeling the present main bldg.

and construction of new bldgs at the
Kerr Ave. Jr. high school, 4775 E.

4th St. Other low bids were: Plumb-
ing, Johnston & Washer, 1319 S.

Los Angeles St., at \$26,110; heating
and vent., American Engineers &
Contractors, 3063 Oregon St., at \$15,-

720; painting, Chris Helmsberg, Jr.,
7415 Beverly Blvd., at \$11,767; elec-
trical, Geo. Young, 3453 W. 1st St.,
at \$14,380. Plans were prepared by
the architectural section of the bd.;
A. S. Nibecker, Jr., architect. 15

BIDS OPENED

OAKDALE, Stanislaus Co., Calif.—
C. J. Waterhouse Co., 55 New Mont-
gomery St., S. F., at \$1,051 submitted
low bid to the Oakdale Union High
School Board of Trustees, at the
Oakdale Union High School, for fold-
ing or telescope type bleachers as
follows: (1) three hundred capacity
and (2) four hundred capacity.

Complete bids follow:

C. J. Waterhouse Co., S. F., \$1,051.

Fred E. Turner Co., S. F., \$1,100.

Medart Mfg. Co., S. F., \$1,136.

Dwan & Co., S. F., \$1,517.

Bids taken under advisement until
Nov. 5. 15

Prospective Bidders

HIGH SCHOOL Cost, \$.....
McARTHUR, Shasta Co., Calif.

Construction of a new high school
building.

Owner—Fall River Joint Union High
School Dist. (A. Frederick Bunge,
Secretary).

Architects—Masten & Hurd, 442 Post
St., San Francisco.

Plans and specifications may be
obtained at the office of the archi-
tects upon deposit of \$25, returnable.

As previously reported, bids will
be opened Nov. 14, 4:30 P. M., in the
office of the County Superintendent of
Schools of Shasta County, Court
House, Redding.

Following have taken out plans:

Moore & Roberts, 693 Mission St.,
San Francisco.

Lloyd O'Brien, 369 Pine St., S. F.

M. R. Peterson, 1116 O St., Sacto.

D. W. Nicholson, 357 12th Street,
Oakland.

Empire Constr. Co. Ltd., Russ Bldg.,
San Francisco.

Prospective Bidders

SCHOOL Cost, \$71,000
SAN MATEO, San Mateo Co., Calif.

Baywood, SW cor. Park Blvd.
and Notre Dame Ave.

One-story frame and stucco gram-
mar school building.

Owner—San Mateo School Dist. (A.
Gugel, Clerk).

Architects—W. H. Toepke, 74 New
Montgomery St., Thomas M. Ed-
wards, 9 Geary St., and H. A.
Schary, 605 Market Street, San
Francisco.

Plans and specifications may be
obtained from Mr. Toepke's office up-
on deposit of \$15, returnable.

As previously reported, bids will
be received until November 14, 8 P.
M., and opened in Froebel Hall, 120
N. Ellsworth Ave., San Mateo, in the
office of the architect.

Following have taken out plans:

H. H. Larsen Co., 64 South Park,
San Francisco.

C. H. Bessett Bldg. Co., 826 Walnut Ave., Burlingame.
 Frank J. Reilly Co., 6350 Fulton St., San Francisco.
 C. C. W. & H. H. Haun, 666 Mission St., San Francisco.
 G. W. Williams Co., 10 California Drive, Burlingame.
 William Martin, 666 Mission St., San Francisco.
 Monson Brothers, 475 Sixth Street, San Francisco.
 Nielsen & Erbenbraut, 201 S. Market St., San Jose.

Bids Wanted—To Close Nov. 15, 4 P. M.
GYMNASIUM Cost, \$.....
 OAKLAND, Alameda Co., Calif. 47th Ave. and Foothill Blvd.
 Construction of a gymnasium building at Fremont High School.
 Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland, (School Administration Bldg.)
 Plans and specifications may be obtained from Room 109, 1025 Second Ave., Oakland, upon deposit of \$25. Bids will be opened in the same office.

BIDS OPENED
SAN FRANCISCO—The Standard Fence Co., 440 Bayshore Blvd., at \$380.07 submitted low bid to the Department of Public Works, City Hall for furnishing and installing 142 ft. of chain link fabric fence, 6-ft. high at Jefferson School.
 Complete bids were:
 Standard Fence Company.....\$380.07
 Anchor Post Fence Co..... 386.49
 Wickwire - Spencer Company.. 399.00
 15

16—BANKS, STORES AND OFFICES

Contract Awarded
EXTERIOR PAINTING Cost, \$.....
SAN FRANCISCO. 785 Market St.
 Exterior painting of Humboldt Bank Building.
 Owner—Capital Co., 625 Market St. Plans by Constr. Dept. of Owner.
 Contractor—A. Quandt & Sons, 374 Guerrero Street.

Contract Awarded
EXTERIOR PAINTING Cost, \$.....
SAN FRANCISCO. 550 Geary Street.
 Exterior painting of El Cortez Hotel.
 Owner—El Cortez Hotel Apartments. Architect—Not Given.
 Contractor—Giampollini & Co., 1507 Grant Avenue.

November 3, 1938
Construction Starts Today
REMODEL BANK Cost, \$.....
SONOMA, Sonoma Co., Calif.
 Remodel Sonoma branch of Bank of America.
 Owner—Capital Co., 625 Market St. San Francisco.
 Plans by Constr. Dept. of Owner.
 Work being let by segregated contracts.

Bids Opened
MARKET BLDG.
MERCED, Merced Co., Calif.
 One-story reinforced concrete market bldg (100x50-ft.) wood trusses, parking lot adjoining.
 Owner—Withheld.
 Architect—A. A. Cantin, 64 Pine St., San Francisco.
 Low bidder: Cameron & Son, P.O. Box 244, Merced, \$14,749.00.
 Complete bids follow:
 Cameron & Son, Merced, \$14,749.00.
 Linder and Allen, Merced, \$16,649.00.
 Alfred J. Hopper, S. F., \$16,690.00.
 Fred Salih, S. F., \$17,753.00.
 Bids held under advisement.

Low Bidder
OAKLAND, Alameda Co., Calif.
 Building alterations to Oakland-Glen-court office to install gas engine in basement to furnish emergency power.
 Owner—Pacific Tel. & Tel. Co.
 Plans by Engr. Dept. of Owner.
Low Bidder—Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., S.F.

Construction Underway
ALTERATIONS Cost, \$19,500
OAKLAND, Ala. Co., Calif., 420 14th Street.
 Alterations to building involving structural changes, plumbing, wiring, plastering, etc.
 Owner—The Broadfrank Bldg. Co.
 Architect—Ray F. Keefer, 555 Mandana Blvd.
 Contractor—A. T. Beckett, 224 Scenic Ave.

Contract Awarded
MARKET BLDG. Cont. Pr. \$35,865
MODESTO, Stanislaus Co., Calif.
 One - story and mezzanine market building (140x125 ft.) with 60-ft. tower.
 Owner—Withheld.
 Architect—G. N. Hilburn, 1211 K St., Modesto.
 Contractor—Arnold Bros., 208 Elmwood Ave., Modesto.

Plans Being Figured — Bids Close
 Nov. 10, 4:30 P. M.
RESTAURANT.
SAN JOSE, Santa Clara Co., Calif.
 One-story brick restaurant building (40x85 ft.).
 Owner—Carmen Citrigno, c/o Arch. Architects—Higgins & Root, (Chester Root, Architect), Security Bldg., San Jose.
 Following are figuring plans:
 M. W. Reese, 1210 Minnesota Ave., San Jose.
 Joseph Santl, 1013 N. 12th Street, San Jose.
 Vincent Maggio, 452 N. 15th Street, San Jose.

Sub Contracts Awarded
BANK BLDG.
BAKERSFIELD, Kern Co., Cal. SW
 corner of Chester Ave. and 18th Street.
 One-story reinforced concrete bank building (89x66-ft) marble and tile work; air conditioning system.
 Owner — Anglo-California National Bank, 1 Sansome St., San Francisco.

Architect—Chas. H. Biggar, 554 Harberfeld Bldg., Bakersfield.
 Contractor—Guy Hall, 4344 1/2 S. Arlington Ave., Los Angeles, \$105,000.
Roofing—Kern County Roofing and Tile Co., 427 E 21st St.
Plumbing—Harry N. Bluns Plumbing Co., 1900 19th St.
Electric Wiring—W. T. Drury, 615 19th Street.
Lumber—The King Lumber Co. and Bakersfield Bldg. Materials, Box 1559.
Hardware—Bakersfield Sandstone & Brick Co., 501 Sonora St.
PPainting—Pekham & Foster, 2420 G Street.
Lathing & Plastering—Wm. Conklin, 120 Pacific St.
 All of Bakersfield.

18—WHARVES & DOCKS

CONTRACT AWARDED
SAN FRANCISCO — Calif. Steel Products Co., 490 Bay Street, San Francisco, at \$1,892 submitted low bid and was awarded contract by

the State Harbor Board, Ferry Bldg., for structural steel cargo mast on Pier 35, Embarcadero.
 Total bids follow:
 California Steel Products Co., San Francisco, \$1,892.00.
 Joe Gerick & Co., S. F., \$2,080.00.
 Schrader Iron Works Inc., S. F., \$2,252.00.
 Herrick Iron Works, Oakland, \$2,394.00.
 Michel and Pfeffer Iron Works Inc., S. F., \$2,610.00.

Planned
RECONSTRUCT WHARF Cost, \$.....
SANTA BARBARA Co., Cal. About one mile east of Southern Pacific Railway's main line station at Gaviota.
 Reconstruct wharf which extends about 1,200 ft. into Pacific ocean, of timber construction, widths varying from 12-ft. 3-in. to 60-ft., and deck elevation 21.75-ft. above mean lower low water.
 Owner—Tidewater Associated Oil Co. 79 New Montgomery Street, San Francisco.
 Plans by Engr. Dept. of Owner.
 18

19—MISC. CONSTRUCTION

BIDS OPENED
SAN DIEGO, Calif.—Cannon Bros, P. O. Box 549, Compton, at \$2145, submitted low bid and were recommended for award of contract by Public Works Officer, 11th Naval District, San Diego, for core borings at Naval Operating Base (Destroyer Base), San Diego, Spec. 9040. The work includes the furnishing of a complete drilling outfit and making 13 core borings and the procurement of core samples from each core boring to determine soil conditions. Each core boring will be 75 ft. deep.

Complete bids were:
 Cannon Bros., Compton—(1) work complete according to spec., \$2145, (2) work complete based on use of other boring equipment, no bid, (3) for 25 ft. additional boring, \$61.25.
 J. J. Cohn, W. C. & B. M. Mitchell, bidding jointly—(1) no bid, (2) \$2778.75, (3) \$75.
 Diamond Drill Contracting Co.—(1) \$2437.50, (2) no bid, (3) \$2.50.
 R. F. McCintock—(1) \$7767.88, (2) \$6767.88, (3) \$160.
 Frank L. Howard—(1) no bid, (2) \$3363.75, (3) \$86.25.
 Trent R. Dames—(1) no bid, (2) no bid.

BIDS WANTED
COOS CO., Ore.—Until Nov. 15, 3:00 P.M., bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-208, for construction, fabrication and erection of a 10,000 barrel Diesel fuel oil tank and other structures at Empire, Coos County, Oregon.

Work consists of construction of a Diesel fuel oil storage tank, pump house equipped with pumping unit, valve house, electrical wiring system, concrete roadway, concrete slabs for garage floor and pump house floor, concrete sidewalk, and water and fuel oil piping, all complete and ready for service.
 Plans and specifications may be obtained from the above office.

BIDS WANTED
PORTLAND, Ore.—Until Nov. 10, 3 P. M. (date postponed from Nov. 2) bids will be received by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-146, for constructing and delivering a float at Government

Moorings, No. 8010 NW St. Helens Road, Portland, one single screw Diesel or steam driven wood hull dredge tender.

Plans and specifications may be obtainable from the above office upon deposit of \$50, returnable. 19

Sub Contracts Awarded
GYMNASIUM Cont. Pr., \$25,992
UPPER LAKE, Lake Co., Calif.
One-story frame and stucco gymnasium bldg. at Upper Lake High School.

Owner—Upper Lake Union High Sch. District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—R. S. Knight, Rt. 4, Box 662, Santa Rosa.

Plumbing—W. D. Porter, Rt. No. 6, Box 295.

Electric Wiring—Norman A. Russell, 822 College Avenue.

Sheet Metal—Holtz Sheet Metal Works, 411 3rd St.

Hardwood Floors—Wm. A. Jorgensen & Co., Rt. No. 6, Box 9.

Iron Grille Work—Moore Dry Dock Co., foot of Adeline St., Oakland.

Foundations & Concrete—Marshall Maxwell, 511 Barnett St.

Lumber—Diamond Match Co., Chico. Mill Work—Hogan Lumber Co., 2nd and Alice Sts., Oakland.

Hardware—General Machinery Co., 1246 Folsom St., S. F.

Painting—C. W. Sullberg & Son, 606 Spencer Ave.

Lathing & Plastering—Keehn Bros., 822 Monroe St.

Linoleum—Basso Linoleum Co., 420 Fifth St.

All of Santa Rosa, unless otherwise noted.

BIDS WANTED
SACRAMENTO AIR DEPOT, Cal.

—Until November 12, 11:00 A. M., bids will be received by the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. CP No. 1084-SC-39-5, for the complete installation of two antennas at the Sacramento Air Depot, Sacramento.

Plans and specifications available from above office. 19

BIDS WANTED
SACRAMENTO AIR DEPOT, Cal.

—Until November 12, 10:30 A. M., bids will be received by the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. CP No. 1084-SC-39-4, for installing a radio ground system at the Sacramento Air Depot, Sacramento.

Plans and specifications available from above office. 19

Contract Awarded
WATER TANK Cont. Pr., \$65,080
FRESNO, Fresno Co., Cal. 1604 Pearl Street.

Concrete & steel water storage tank. Owner—City of Fresno, c/o Harry Foster, City Hall, Fresno.

Plans by Fresno City Engr. Dept.

Contractor—Chicago Bridge & Iron Co., 338 Rialto Bldg., San Francisco.

Planned
LAUNDRY

STOCKTON, San Joaquin Co., Calif., Northeast cor. of Harding Way and Edison St.

Construction of modern laundry bldg. Owner—Golden West Laundry, P. J. Wallace, owner.

Architect—Not given.

Construction of laundry contingent upon approval of petition to re-zone property. 19

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED

OAKLAND, Cal.—Until Nov. 15, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 124 light standards and luminaires for the City of Oakland.

Plans and specifications may be obtained from above office. 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2102, for furnishing, delivering and spreading approx. 5,000 cu. yd. loam for Golden Gate Park.

Bids were: (a) bunker; (b) hauling; (c) total.

Rosenberg Bros. Grading Co., (a) \$0.333; (b) \$0.423; (c) \$0.7666.

Devincenzi Bros & Co., (a) \$0.20; (b) \$0.584; (c) \$0.79.

Devincenzi & Haskins, (a) \$0.20; (b) \$0.644; (c) \$0.85.

West Construction Co., (a) \$0.25; (b) \$0.74; (c) \$0.98. 20

BIDS WANTED

COCONINO COUNTY, Ariz.—Until Nov. 22, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for furnishing 200 gal. type SC-2 liquid asphalt rock material for use on Section B of Route 7, Oak Creek National Forest Highway, Coconino County, Ariz.

Plans and specifications may be obtained from the above office or from the office of the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix. 20

CONTRACT AWARDED

ALAMEDA, Ala. Co., Calif.—Calif. Corrugated Culvert Co., Fifth and Parker Sts., Berkeley, submitted only bid and was awarded contract by the Alameda City Council, D. E. Dyer, City Clerk, City Hall, for furnishing corrugated pipe culvert for the fiscal year ending June 1939. 20

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until November 9, 7:30 P. M., bids will be received by the Modesto City Council, H. E. Cragg, City Clerk, City Hall, for furnishing the following material:

(1) 4100 ft. of 4-in., 245 ft. of 6-in., 2750 ft. of 8-in., and 500 ft. of 12-in. Class 150 bell and spigot cast iron water pipe or equal;

(2) 7500 feet 6-in. and 250 ft. of 8-in. vitrified clay sewer pipe;

(3) One GT type RF 15-kw., 2400-volt, 6.6 ampere secondary automatic station type Novalux constant current transformer.

Plans and specifications may be obtained from the city engineer. 20

CONTRACT AWARDED

SAN FRANCISCO.—Goodyear Rubber Co., 2400 Third St., San Francisco at \$430.05, 2% 30 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-39-130 for furnishing gaskets for the U. S. dredge A. Mackenzie; fob Presidio of San Francisco.

Other bids were:
Hercules Equipment & Rubber Co., \$430.05; 2% 10 days.

Universal Rubber Corp., \$469.37; 2% 10 days.

Pioneer Rubber Co., \$526.28; 2% 10th prox. 20

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-29-11, for furnishing (1) 24 pieces 20-in. by 30-in. rough Douglas fir lumber; and (2) 12 pieces 14-in. by 16-in. by 32-in. rough Douglas fir.

Bids were:

Sullivan Lumber Co., San Francisco, (1) \$26.50; (2) \$16.50; total, \$1,008.67.

Thompson Lumber & Piling Co., Portland, (1) \$23.25; (2) \$18.25; total \$912.02.

Loop Lumber Co., San Francisco, (1) \$29.40; (2) \$19.40; total, \$1,126.80.

Lumber Dealers Co., Sacramento, (1) \$25.48; (2) \$16.73; total, \$976.05.

Stapleton Lumber Co., (1) \$25; (2) \$18; total, \$969.02.

E. K. Wood Lumber Co., Oakland, (1) \$20; (2) \$20; total, \$815.36.

Woodland Lumber Co., Woodland, (1) \$35.25; (2) \$33.25; total, \$1,355.64.

fob Lovdal, Alt. (1) \$21; (2) \$18; total \$534.62; fob Longview, Wash.

Neidermayer-Martin Lbr. Co., Portland, (1) \$30; (2) \$30; total, \$1,223.04.

Chapman Lbr. Co. Portland, (1) \$22.50; (2) \$18; total, \$885.02.

Auburn Lbr. Co., Auburn, (1) \$21; (2) \$18; total, \$884.62.

Patrick Lumber Co., Portland, (1) \$30; (2) \$18; total, \$1,137.02.

Smith Lumber Co., San Francisco, (1) \$24; (2) \$21; total, \$956.93.

MacDonald & Harrington Lumber Co., San Francisco, (1) \$25.45; (2) \$17.20; total, \$978.41.

Diamond Match Co., Chico, (1) \$24 (2) \$17; total, \$928.26.

Knox Lumber Co., Sacramento, (1) \$21; (2) \$21; total, \$846.13.

M. A. Weyman Lumber Co., Seattle, (1) \$23.50; (2) \$18.25; total, \$920.42.

Twin Harbors Lumber Co., Seattle (1) \$35; (2) \$18; total, \$1,305.02.

Nebraska Bridge Supply & Lumber Co., Portland, (1) \$25.50; (2) \$17; total, \$978.66.

Santa Fe Lumber Co., (1) \$24; (2) \$17; total, \$928.26. 20

BIDS OPENED

SAN FRANCISCO.—The following submitted identical bids at (1) \$96; (2) \$120; (3) \$12 each; (4) ½ of 1% 10 days, to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2100, for furnishing (1) 2500 ft. 3-pair lead covered Latex cable (or equal), No. 16 solid wire; (2) 5000 ft. conductor lead covered Latex cable (or equal) No. 10 solid wire; (3) price per reel returned; (4) discount.

Bidders were:

Lavenson & Savasta, Maydwell & Hartzell, Inc., Simplex Wire & Cable Co., and U. S. Rubber Products, Inc. 20

BIDS OPENED

SAN FRANCISCO.—The following identical bids at \$22.92 per cwt., ½ of 1% 10 days to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2093, for five miles of 3/0 round alloy trolley wire for the Municipal railway.

Bidders were:

Anaconda Copper Co., John A. Roehling's Sons Co., General Electric Supply Corp., General Cable Corporation, American Brass Co., and International Brass Co. 20

CONTRACT AWARDED

OAKLAND, Calif.—American Cast Iron Pipe Co., Sharon Building, San

San Francisco, at \$7292.40, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. LS 223, for furnishing 2140 cast iron bell and spigot water pipe fittings of 4- and 12-inch diameters. * 20

CONTRACTS AWARDED

SAN FRANCISCO, Calif.—T. A. Brooks, Purchaser of Supplies, 270 City Hall, awarded the following contracts under Bid No. 2091, for (1) 25,000 cu. yd. loam; (2) 10,000 cu. yd. manure and (3) 10,000 cu. yd. clay.

Rosenberg Bros. Grading Co., (1) \$19,232.50.

Independent Dump Truck and Supply Co., (2) \$17,300.
T. O'Brien, (3) \$9,500. * 20

BIDS OPENED

FORT MASON, Calif.—Following submitted bids to the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, San Francisco, under Bid No. QM-W-6616-39-31, for furnishing 26,000 bd. ft. Douglas Fir lumber; f.o.b. shipper's point and/or Presidio of San Francisco.

Bids were:

Smith Lumber Co., \$52, f.o.b. Presidio; \$33, f.o.b. Dawson, Oregon, 2% 10 days.

Rolando Lumber Co., \$55, f.o.b. Presidio, 2% 30 days.

Fleischmann Lumber Co., \$58, f.o.b. Presidio; \$37, f.o.b. Willamina, Oregon; \$38, f.o.b. Glendale, Oregon, 2% 10 days.

Loop Lumber Co., \$35.60 f.o.b. Columbia Junction, Wash., 2% 10 days. * 20

BIDS OPENED

PASADENA, Calif.—Bids for furnishing 60,000 sacks of portland cement for use on Arroyo Seco Channel Project, opened by the Pasadena city directors were:

Southwestern Portland Cement Co., 52.25c per sack; \$31,350; net.

Riverside Cement Co., 45.25c; \$27,150; net.

Monolith Portland Cement Co., 58.645c; \$35,187; disc. terms, 5c per sack if invoices are paid on or before 10th of month plus refund of sales tax of 3% of disc. taken; net bid, \$32,097. If city pays transportation and permits movement at bidder's option, to be truck, rail, or combination of both resulting in delivery job trucks at site of work, bidder guarantees delivery cost of 50.6625c per sack; net bid after disc., \$27,307.50.

Hains Canyon Rock Co., 56.5c; \$33,900; disc. 2½c per sack 10th of month; net bid, \$32,400.

Graham Bros., Inc., 52.74c; \$31,644; terms, net.

California Portland Cement Co., 58.5c; \$35,100; terms, disc. 5c per sack plus 3% sales tax on such disc., for payment on or before 10th of month; net bid, \$32,010.

Blue Diamond Corp., Ltd., 53.5175c; \$32,110.50; net.

Arrow Rock Co., 54.3c; \$32,550; net.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$350; 1786 La Salle Ave.; owner, R. Kramer, prem.; contractor, J. B. Bourdieu, 2625 20th St.

SIGN, electric, \$175; 1409 Fillmore St.; owner, E. Gagnon, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

FENCE, \$400; 2580 Broadway; owner, Wm. V. Harrin, prem.

ALTER restaurant, \$20; 3746 3rd St.; owner, S. F. Terrazzo Co., 3730 3rd St.

ALTER flats, \$425; 837, 89, 91 Capp St.; owner, Mr. Skulley, 857 Capp St.; contractor, John Hink, 1459 Van Ness Ave. So.

ALTER flats, \$295; 1845 Mason St.; owner, P. Ceremelli, prem.; contractor, John Dal Bon and Son, 37 Valparaiso.

SIGN, electric (2nd permit) \$100; 649 Broadway; owner, Chez Liberty Theatre, premises; contractor, Brumfield Elec. Co., 965 Folsom St.

ALTER flats, \$150; 4033 18th St.; owner, M. Jellenck, prem.; contractor, M. Nelson, 2847 Army St.

ALTER factory, \$300; 785 Bryant St.; owner, Gustave Lienau, 75 Casa Way; contractor, E. W. Yount, 315 Avila St.

SIGN, electric, \$175; 1054 Ellis St.; owner, J. Von Karstadt, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

ALTER recreation center, \$475; 1465 Broadway; owner, Capital Co., 625 Market St.

ALTER dwelling, \$560; 2249 Cayuga St.; owner, Bernard A. Brown, prem.; contractor, National Roof and Siding Co., 2172 Market St.

ALTER Garage, \$60; 265 Santa Clara; owner, C. Harding, prem.; contractor, A. F. Mattock Co., 212 Clara St.

FLUE, \$26; N. Wilder St. 75 E. Carrie; owner, D. R. Simmons, 46 Winfield St.; contractor, Carl Downall, 6084 Mission St.

ALTER dwelling, \$400; 14 Puyas Ave.; owner, Annie Bunyan, prem.; contractor, Golden Gate Construction Co., 244 Kearny St.

ALTER garage, \$60; 165 San Buena Ventura Way; owner, Colbert Coldwell, prem.; contractor, A. F. Mattock Co., 212 Clara St.

ALTER dwelling, \$450; 1040 Lombard St.; owner, Henry Marcus, prem.; contractor, Frank P. Pellanda and Paoli Catelli, c/o architect; architect, Julia Morgan, 1107 Merchants Exchange Bldg.

FLUE, metal, \$20; 585 Sanchez St.; owner, H. Bredvie, prem.; contractor, H. Papenhausen, 32 West Portal.

SIGN, electric, \$175; 5023 California St.; owner, Seattle Cleaners, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

ALTER dwelling, \$950; 767 Oak St.; owner, J. Grant, 767 Oak Street; contractor, W. Warren, 614 Hanover St.

FLUE, \$22; S. Morelan 23 N. Diamond St.; owner, D. R. Simmons, 46 Winfield St.; contractor, Carl Downall, 6084 Mission St.

ALTER dwelling, \$450; 58 Sussex St.; owner, W. H. Quandt, prem.; contractor, Richmond Roofing & Const. Co., 3911 Geary Blvd.

ALTER garage, \$60; 265 Santa Clara Ave.; owner, C. Harding, prem.; contractor, A. F. Mattock Co., 212 Clara St.

SIGN, electric, \$150; 1555 California St.; owner, New System Laundry, prem.; contractor, Apex Elec. Co., 383 Fell St.

ALTER dwelling, \$470; 1516 Revere St.; owner, Frank W. Coates, prem.; contractor, United Roofing and Siding Co., 2906 Mission Street.

SIGN, electric, \$100; 649 Broadway; owner, Chez Liberty Theatre, prem.; contractor, Brumfield El. Co., 965 Folsom St.

SIGN, electric, \$35; 2075 Chestnut St.; owner, Ward's Health Foods,

prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

ALTER dwelling, \$130; 1263 Silver Ave.; owner, Jos. Noga, prem.; contractor, Jos. H. Rolland, 137 Ripley St.

ALTER tavern, \$200; Polk and Broadway; owner, Jack Kremer, premises.

FLUES, \$75; W. Brussels 25 N. Wooley; owner, J. O'Connor, 594 Brussels; contractor, P. L. Perlin, 325 Wayland St.

SIGN, electric, \$300; 2312 Irving St.; owner, Olson Cleaners, premises; contractor, Wonderlite Neon Pro. Co., 170 Otis St.

ALTER DWELLING, \$500; 1472 Pacific Ave.; owner, Edw. R. Sablatchan, prem.; contractor, Calif. Home Imp. Co., 393 Ninth St.

ALTER dwelling, \$250; 56 Santa Paula; owner, Dr. Norman Lustler, prem.; contractor, N. L. Ernst, 1593 Walter St.

ALTER flats, \$30; 267 Fixley Street; owner, G. Caramatti, 2060 Filbert St.

SIGN, electric, \$125; 736 Clement; owner, Ari Anal, prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.

ALTER club, \$300; 915 Columbus St.; owner, Mr. Maggiora, prem.; contractor, Geo. M. Moore, 2239 Leavenworth St.

ALTER factory, \$800; 340 10th St.; owner, National Pure Drinking Water, premises.

ALTER dwelling, \$650; 233 Hillman; owner, Isadore Silverstein, prem.

FLUES, \$10; 335 Judah St.; owner, L. Sabel, 1725 Grattan St.; contractor, Skelly and Kohler, 1342 9th Ave.

ALTER flats, \$300; 1325 8th Avenue; owner, E. Kohler, 1918 Hollister St.; contractor, Ernest Lombardi, 1918 Hollister St.

SIGN, electric, \$25; 561 Ellis Street; owner, Mopeco, prem.; contractor, Wonderlite Neon Prod. Corp., 170 Otis St.

ALTER dwelling, \$300; SW Cayuga and Shawnee; owner, Arco Bldg. Co., 5401 Mission St.

ALTER dwelling, \$500; 226 17th Ave.; owner, Benjamin Slosberg, prem.; contractor, Calif. Home Imp. Co., 393 Ninth St.

ALTER dwelling, \$200; 1331 Florida; owner, Katie Muller, St. Joseph Hospital.

SIGN, electric, \$200; 555 Ellis Street; owner, B. Lande, premises; contractor, Western Neon Lite Co., 75 Fremont St.

FLUE, \$20; 2235 25th Ave.; owner, Mr. Marty, premises; contractor, Clawson Pat. Chimney Co., 84 Page St.

SIGN, electric, \$25; Gough and Lombard Sts.; owner, Mopeco, prem.; contractor, Wonderlite Neon Pro. Co., 170 Otis St.

ALTER Fla., \$100; 584 Sanchez St.; owner, Olga McDewitt, premises.

SIGN, electric, \$250; 150 Kearny St.; owner, Dubuc, Inc., prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FLUE, \$25; 666 Van Ness Ave. So.; owner, Field's, premises; contractor, C. R. Smith & Son, 4067 18th.

ALTER water tank, \$100; NW Donner and Phelps; owner, M. Ardito, 1876 Donner St.

SIGN, electric, \$300; 338 Judah St.; owner, R. Jenkins, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$25; 1123 Taraval St.; owner, Robert Hartl, premises; contractor, Fross Elec. Co., 930 Irving St.

BARBER pole, \$20; 2330 Diamond; owner, Mr. Van Dyck, premises.

Knox-Hale Machinery Co., S. F., \$1094.50, net.
 Weaver Tractor Co., Sacramento, \$125.41, \$25, 30 days.
 Smith Booth Usher Co., Los Angeles, \$1069, 2% 30 days.
 J. D. Adams Co., S. F., \$1156.52, net. * 25

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 21046, Req. No. MI-23, for furnishing one auto patrol; fob Alima.

Bids were:
 Harron, Rickard & McCone Co., San Francisco, \$3799; \$62; 30 days.
 Sacramento Tractor & Equipment Co., \$5154; 2% 30 days.
 Weaver Tractor Co., Sacramento, \$3,852; \$50; 30 days.
 J. D. Adams Co., San Francisco, \$3290.00.
 Knox Hale Machinery Co., San Francisco, \$4201.33; \$50; 25 days.
 Spears Wells Machinery Co., Oakland, \$4014; \$50; 10 days. * 25

BIDS OPENED

EL CENTRO, Imperial Co., Cal.—Electric Supplies Distributing Co., San Diego, and Westinghouse Elec. & Mfg. Co., Los Angeles, at \$10,173.21 submitted low bids to Imperial Irrigation District, for furnishing the main control equipment for hydro-electric power plant at Drop No. 4, All-American Canal. Spec. No. 17. General Electric Co. bid \$13,720, and Control Corp. of Minneapolis, Minn., \$14,786. * 25

BIDS OPENED

FRESNO, Cal.—Bids for deep well turbine pump for Fresno municipal golf course, opened by Fresno city council, were:
 Food Machinery Co., \$2315
 Wintroath Pump Co., 2352
 Pomona Pump Co., 2358
 Victor Equipment Co., Fairbanks-Morse & Co., and Byron Jackson Co. submitted identical bids at \$2384.
 Sterling Pump Co., \$2514. * 25

BIDS OPENED

SANTA CRUZ and San Mateo Cos., Cal.—Following submitted bids to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco for rental of (1) one tractor loader; (2) two 3-c.y. capacity pneumatic tired dump trucks for 500 hours use in Santa Cruz and San Mateo Cos. Under Item Two bids taken on: (a) hand loading; (b) bunker loading; (c) power loading.

Bids were:
 W. H. Talbot, (1) \$3.75; (2) (a) \$2.75; (b) \$2.75; (c) \$2.75.
 O. V. Freeman, Palo Alto, (1) \$4; (2) (a) \$2.25, \$2.00; (b) 2.25, \$2.00; (c) \$2.25, \$2.00.
 John Jurkovich, Fresno, (1) \$6.00, * 25

BIDS WANTED

OAKLAND, Calif.—Until Nov. 9, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 1101, for furnishing one 1939 Chevrolet couple and 1939 Chevrolet chassis. Plans and specifications available from above office. * 25

BIDS OPENED

FRUITVALE, Oakland, Calif.—Following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 20883, Req. No. 13550, for one 6-ton 3-wheel,

gasoline-engine-driven, road roller; f.o.b. Fruitvale, Oakland.

Bids were:
 Spears Wells Machinery Co., Oakland, \$2,830, net.
 Harron Rickard & McCone Co., San Francisco, \$2,999, net.
 Edward R. Bacon Co., S. F., \$3010, 15% 30 days.
 Jenison Machinery Co., S. F., \$3050, net.
 Knox-Hale Machinery Co., \$3084, \$25.00 30 days. * 25

BIDS OPENED

BONNEVILLE, Ore.—The following submitted bids to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-30, for furnishing draft tube stop logs, including two bottom sections, 6 intermediate sections and 8 latch assemblies; fob bidder's shipping point.

Bids were:
 Hunter Steel Co., Pittsburgh, Pa., \$29,400; net; fob Neville Island.
 Lakeside Bridge & Steel Co., Milwaukee, \$20,392; net; fob Milwaukee.
 Hansell-Eloock Co., Chicago, \$18,790; ½ of 1%; fob Chicago.
 Worden Allen Co., Milwaukee, \$15,440; ½ of 1% 10 days; ¼ of 1% 20 days; fob Milwaukee.
 Duffin Iron Co., Chicago, \$22,298; net; fob Chicago.
 Columbia Steel Co., Portland, \$22,986; net; fob Memphis, Tenn. * 25

BIDS WANTED

REDDING, Shasta Co., Calif.—Until Nov. 14, 8:00 P. M., bids will be received by the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for furnishing fire apparatus, including fire trucks, ladders, hose and misc. equipment; f.o.b. Fire Station No. 1, Redding. Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 25

BIDS WANTED

SAN MATEO AND SANTA CRUZ COUNTIES, Calif.—Until Nov. 7, 2:00 P. M., bids will be received by the Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of one 4/10 cu. yd. truck shovel equipped with interchangeable clamshell bucket and shovel dipper for 500 hours use in San Mateo and Santa Cruz Counties, Calif. Bids must be made on proposal forms furnished by the District Engineer. * 25

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 21045, Req. MI-21, for furnishing one auto patrol; fob Redding.
 Bids were:
 Weaver Tractor Co., Sacramento, \$3852; \$50; 30 days.
 J. D. Adams Co., San Francisco, \$3,290.
 Knox Hale Machinery Co., San Francisco, \$4201.33; \$50; 25 days.
 Spears Wells Machinery Co., Oakland, \$4014; \$50; 10 days.
 Harron, Rickard & McCone Co., San Francisco, \$3799; \$62; 30 days.
 Sacramento Tractor Co., \$5154; 2% 30 days. * 25

BIDS OPENED

SANTA BARBARA CO., Calif.—Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$2.55 per hour submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Hungera Street, San Luis Obispo, for the rental of

two 4-c.y. dump trucks for use in Santa Barbara County.

Total bids follow:
 per hr.
 Rock & Gravel Trucking Co. Oakland \$2.55
 R. B. Show, Santa Maria 2.60
 Bradley Truck Co., Santa Maria 3.00
 Chas. W. Beguhl, Milbrae 3.50
 Jos. Blasco, Los Angeles, irregular. * 25

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 21047, Req. No. MI-20, for one auto patrol; fob Willits.

Bids were:
 Weaver Tractor Co., Sacramento, \$3,852; \$50; 30 days.
 Knox Hale Machinery Co., San Francisco, \$4201.33; \$50; 25 days.
 Harron, Rickard & McCone Co., San Francisco, \$3799; \$62; 30 days.
 Edward R. Bacon Co., San Francisco, \$5300; 10% 30 days.
 Spears Wells Machinery Co., Oakland, \$4014; \$50; 10 days.
 J. D. Adams Co., San Francisco, \$3290. * 25

26—RAILROADS**BIDS OPENED**

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., San Francisco, at \$59,902.00 submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 178, for construction of tracks to the Bay Bridge Terminal, San Francisco.

Work involves:
 (1) 42,000 sq. ft. removing pave.;
 (2) 1450 ft. removing plain track (single track);
 (3) 2500 c.y. excav. track trench;
 (4) 160 c.y. excav. and backfilling conduit and drain trenches;
 (5) 600 c.y. breaking and distributing concrete and brick sub-ballast;
 (6) 1550 c.y. furnishing and delivering crushed rock ballast;
 (7) 2510 ft. constructing plain track (single track);
 (8) 14.5 MBM furnishing and deliv. special track length ties;
 (9) 600 l.f. removing and replacing rails;
 (10) lump sum; installing special track layout at Market and First Sts.;
 (11) lump sum; installing special track layout at Market and Fremont Sts.;
 (12) installing double track over double track crossings;
 (13) lump sum; installing special track layouts at the Bridge Terminal Bldg.;
 (14) 90 applying thermit weld joints;
 (15) 80 furnishing and installing 300,000 C.M. joint bonds;
 (16) 15 furnishing and installing 4/0 joint bonds;
 (17) 120 furnishing and installing 4/0 rail to rail copper cross bonds;
 (18) 10 furnishing and installing 4/0 track to copper cross bonds;
 (19) 3600 ft. furnishing and installing 4/0 copper wire at special work;
 (20) 150 l.f. furnishing and installing ironstone pipe drains;
 (21) 40,000 sq. ft. 2-inch asphaltic pavement on 6-inch concrete base;
 (22) 12,000 sq. ft. 1-1/4-inch asphaltic wearing surface;
 (23) 12,000 sq. ft. 3-inch asphaltic concrete base;
 (24) 3000 sq. ft. asphaltic concrete conform pavement;
 (25) 1500 sq. ft. concrete base for conform pavement;

- (26) 4700 ft. concrete stringer; single track.
 - (27) Allowance for removal of pipe, conduit, etc.
- Total bids follow:
 (A) Eaton & Smith, San Francisco, \$59,902.00.
 (B) S. F. Municipal Railway, \$61,828.50.
 (C) Chas. L. Harney, \$63,253.00.
 (D) MacDonald & Kahn Co., Ltd., \$63,469.75.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$.14	\$.14	\$.10	\$.18
(2)	.30	.66	.40	.38
(3)	.75	.95	.80	.75
(4)	1.00	3.00	2.00	2.50
(5)	1.25	2.65	1.00	1.25
(6)	1.23	2.65	2.50	2.50
(7)	2.00	1.75	1.70	.75
(8)	50.00	50.00	60.00	75.00
(9)	2.00	.75	4.00	1.25
(10)	3000.00	2100.00	3600.00	2950.00
(11)	5500.00	5375.00	6100.00	5600.00
(12)	920.00	600.00	785.00	650.00
(13)	3600.00	2900.00	3000.00	2700.00
(14)	18.00	12.50	20.00	17.00
(15)	2.00	2.60	1.25	2.90
(16)	2.10	2.40	2.00	5.35
(17)	2.50	3.25	3.00	5.90
(18)	2.75	4.20	3.50	2.90
(19)	.40	.24	.45	.30
(20)	1.25	.75	1.00	1.25
(21)	.20	.23	.20	.24
(22)	.05	.04	.06	.06
(23)	.11	.08	.09	12
(24)	.11	.05	1.15	.065
(25)	.24	.21	.20	.20
(26)	.42	.62	.58	.70
(26)	.42	.62	.58	.70
(27)	12500.00	12500.00	12500.00	12500.00

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., San Francisco, at \$59,902 awarded contract by the San Francisco Public Utilities Commission, Room 287, City Hall, under Municipal Railway Contract No. 178, for construction of tracks to the Bay Bridge Terminal, San Francisco.

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6315: Anthony Maccaggi; \$62.50; \$62.50; 1% -20; two trucks rented.

- BID NO. 6296: F. E. Ferrell and Co.; \$2.40; \$585; net; Portland cement;
- BID NO. 6293: Calif. Corr. Culvert; \$452.20; ½ of 1%-20; corr. culvert.
- BID NO. 6292: Calif. Corr. Culvert; \$672; ½ of 1%-20; corr. culvert.
- BID NO. 6291: Calif. Corr. Culvert; \$632.05; ½ of 1%-20; corr. culvert.
- BID NO. 6290: W. C. Hauck; \$299.59; net; bolts and wire.
- BID NO. 6289: Pacific Plumbing & Heating Supply; \$319.14; 2%-30; plumbing supplies.
- BID NO. 6287: Richmond Sanitary; \$589.66; 2%-30; lav. supplies.
- BID NO. 6281: Daugherty L. C.; \$325; 2%-20; 1%-30; lumber.
- BID NO. 6280: Diamond Match Co.; \$294; net; Portland cement.
- BID NO. 6279: Daniel Contracting Co.; \$1310; 2%-20; crushed rock.
- BID NO. 6268: R. A. Farish; \$7.50; n.t.; tractor rental.
- BID NO. 6127: Stroud-Seabrook; \$494.40; 5%-30; conc. pipe.

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. equipment and materials for use on WPA projects: BID NO. 6309: Loop L. C.; \$359.63; 2% 30; lumber.
 BID NO. 6288: Dallman Supply; \$1-274.83; 2% 30; plumbing supplies.
 BID NO. 6277: Readymix Concrete; \$340.20; \$0.63; 2½c 30; Portland cement.
 BID NO. 6276: Heafey-Moore; \$5-118.75; 10c ton 20; 4500 tons rock.
 BID NO. 6275: Loop Lumber Co.; \$533.35; 2% 30; lumber.
 BID NO. 6271: Edw. R. Bacon; \$250; net; tractor

November 3, 1938

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6327: Standard Oil Co.; \$351; net; liquid asphalt.
 BID NO. 6344: Stroud-Seabrook; \$195.20; 5%-30; steel pipe.
 BID NO. 6342: Amer. Pipe & Steel; \$3308; net; steel pipe.
 BID NO. 6339: Jourdan Conc. Pipe Co.; \$1260; net; concrete pipe.
 BID NO. 6336: Calif. Corr. Culvert; \$628.01; ½ of 1%-20; culvert.
 BID NO. 6332: Hayward Bldg. and Investment; \$661.25; net; roofing tile.

- BID NO. 6326: Bay Cities Asbestos Co.; \$387.73; 2%-30; asbestos pipe covering.
- BID NO. 6325: Loop L. C.; \$377.68; 2%-30; lumber.
- BID NO. 6324: Pac. Portland Cement; \$2.44; net; \$305; 125 lbs. Portland cement.
- BID NO. 6323: Grey Elec. Supply; \$819.12; var. disc.; elec. supplies.
- BID NO. 6320: United Pipe & Supply; \$1919.43; 2%-30; sinks and cabinets.
- BID NO. 6300: Union Oil Co.; \$4.50; \$279; liquid asphalt; SC-1.

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6335: Enterprise Foundry Co.; \$23.50; net; and Mission Foundry and Stove; \$225; 1%-20; catchbasins and sidewalk basins.
 BID NO. 6302: Oilfield Trucking Co.; \$0.095; 11,890 gals. emuls. asphalt stabilizer.

29—STREETS AND HIGHWAYS

BIDS WANTED

TULARE CO., Calif.—Until Nov. 23, 2:00 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 2.7 miles grading and surfacing with plant-mix surfacing a portion of the State Highway between Exeter and Velda Substation, Tulare Co., Calif.

- Work involves:
- (1) Clear and grub;
 - (2) 1,600 M. gals. water;
 - (3) 166 c.y. remove concrete;
 - (4) 1,450 c.y. roadway excav. without class;
 - (5) 41,500 c.y. import borrow;

- (6) 580 c.y. struc. excav.
 - (7) 142 sta. finish roadway;
 - (8) 9,350 tons crusher run base;
 - (9) 5,000 tons min. agg. plant mix surf.;
 - (10) 33 tons liq. asph. SC-2 prime coat;
 - (11) 260 tons liq. asph. ROMC-4 or 5 plant mix surf.;
 - (12) 26,000 sq. yds. prepar. mix and shape shoulders;
 - (13) 215 tons liq. asph. SC-4 road mix surf. treat.;
 - (14) 3,900 sq. yds. asphalt plant binder;
 - (15) 5,200 lbs. bar reinf. steel;
 - (16) 75 c.y. class A Portland cem. concrete structs.;
 - (17) 80 c.y. class A Portland cem. concrete curbs and sidewalks;
 - (18) 24 lf. 12-in. CMP;
 - (19) 194 lf. 18-in. CMP;
 - (20) 509 lf. 26-in. by 6½ part circle C M;
 - (21) 186 lf. 36-in. by 10½-in. part circle C M;
 - (22) 6 each frames and covers for handholes;
 - (23) 14 each culvert markers;
 - (24) 0.5 miles move and reset fences;
 - (25) 11 each manholes adjusted to grade;
 - (26) 10 each lampholes and handholes adjusted to grade;
 - (27) 34 each monuments;
 - (28) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

BIDS WANTED

VENTURA CO., Calif.—Until Nov. 25, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.3 miles grading and surfacing with plant mix surfacing two miles west of the Los Angeles Co. line (VII-Ven-79-C), Ventura Co., Calif.

- Work involves:
- (1) 17 sta. clear and grub;
 - (2) 400 M. gals. water;
 - (3) 10 c.y. remove exist. conc.;
 - (4) 500 c.y. roadway excav. without class;
 - (5) 350 c.y. struc. excav.;
 - (6) 25 c.y. ditch and channel excav.;
 - (7) 21,000 c.y. import borrow;
 - (8) 1,300 c.y. import surf. material;
 - (9) 17 sta. finish roadway;
 - (10) 10 tons liq. asph. SC-2 prime coat;
 - (11) 610 tons min. agg. plant mix surf.;
 - (12) 35 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
 - (13) 3,600 sq. yds. prepar. mix and shape shoulders;
 - (14) 45 tons liq. asph. SC-2 road mix surf. treat.;
 - (15) 800 lbs. bar reinf. steel;
 - (16) 15 c.y. class A Portland cem. concrete structs.;
 - (17) 920 lf. rail and wire bank protection fence;
 - (18) 80 each cable anchors;
 - (19) 30 lf. 8 in. CMP;
 - (20) 380 lf. 21 in. CMP;
 - (21) 200 lf. 36 in. CMP;
 - (22) 1 each culvert assembly;
 - (23) 16 each culvert markers.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento.

L/W BIDDER

PHOENIX, Maricopa Co., Arizona.—Daley Corp., 4430 Boundary Street, San Diego, at \$16,908 submitted low bid to the Phoenix City Council, City Hall, for the improvement of Holly Street in Phoenix.
 W. E. Hall Co., at \$17,539.50 submitted second low bid.

31—PIPE LINES & WELLS

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., S. F., at \$3013.88 submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19-187, for alteration of the pipeline in Vallejo Street between Battery and Sansone Sts. of the auxiliary water supply system for fire protection. Estimated cost, \$3,300.

Work involves:

(1) 8 tons 10-in. Class "H" double spigot, lugged cast iron pipe (pipe to be furnished by the contractor);

(2) 68 l.f. 10-in. do, plain cast iron pipe;

(3) 144 l.f. 10-in. do, lugged cast iron pipe;

(4) 20 l.f. 8-in. Class "H" bell and spigot, lugged cast iron pipe;

NOTE: Items 2, 3, and 4, cast iron pipe and part of special castings will be furnished by the city. Such special castings as the city does not have in stock shall be furnished by the contractor.

(5) 1 each 8-in. gate valve and valve box reset, in place;

(6) 1 each standard h.p. hydrant reset, in place;

NOTE: Items 5 and 6, valve, valve box castings, and hydrant disconnected, cleaned and reset in new locations.

(7) 1600 lbs. pig lead, furnished and delivered;

(8) 1400 lbs. cast steel special castings, furnished and delivered;

(9) 1250 lbs. cast iron special castings, furnished and delivered;

(10) 2000 lbs. wrought iron bolts, nuts, washers and tie rods, furnished and placed;

(11) 20 lbs. reinforcing steel furnished and placed;

(12) 3 c.y. Class B concrete in place;

(13) 157 c.y. excavation and backfilling;

(14) 116 sq. ft. asph. concrete pavement (2-in., 6-in., Class F conc.);

(15) 469 sq. ft. basalt blocks on 5-inch sand base;

(16) 16 sq. ft. concrete sidewalk, 2-course;

(17) 1 c.y. crushed rock, furnished and placed;

NOTE: Items 7 and 17 inclusive, all materials shall be furnished by contractor.

(18) lump sum, disconnecting, cleaning, painting, hauling and storing, present pipe line materials.

NOTE: Cost of excavation, backfilling, and paving involved in this item shall be included in the unit prices bid under Bid Items 13, 14, 15, 16.

Total bids follow:

(A) E. J. Treacy, 430 Call Bldg., San Francisco, \$3013.88.

(B) Mills Constr. Co., S. F., \$3513.55.

(C) Herman Lawson Co., San Francisco, \$3879.28.

(D) Underground Constr. Co., Oakland, \$4387.20.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 74.00	\$139.00	\$ 80.00	\$150.00
(2)	2.70	2.00	3.00	1.50
(3)	3.30	2.00	4.00	2.00
(4)	1.00	2.00	9.00	1.50
(5)	20.00	30.00	40.00	50.00
(6)	30.00	35.00	90.00	75.00
(7)	.07	.06	.06	.08
(8)	.26	.25	.25	.30
(9)	1.05	.10	.10	.12
(10)	1.55	.20	.15	.30
(11)	.05	.06	.05	.08
(12)	15.00	15.00	20.00	12.00
(13)	3.00	3.00	3.00	4.00
(14)	.23	.25	.30	.70
(15)	.15	.15	.12	.40
(16)	.30	.25	.20	.30

COCONINO CO., ARIZ.—Grading and Surfacing—(GOVT.)

COCONINO CO., Ariz.—Pearson & Dickerson Contractors, Inc., Tilton Building, Prescott, at \$110,589.52 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for about 3,577 miles grading and placing surfacing base on Section B of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino Co., Arizona.

Work Involves:

(1) 25 acres clearing;

(2) 25 acres grubbing;

(3) 101,000 c.y. unclass. excav.;

(4) 1190 c.y. unclass. excav. for struc.;

(5) 2400 c.y. unclass. excav. for borrow;

(6) 357,000 sta. yd. overhaul;

(7) 5200 l.f. furrow ditches;

(8) 700 M. gals. watering;

(9) Lump sum, water plant or plants for project;

(10) 13,000 tons 2-inch heavy crushed rock or gravel base course;

(11) 6500 tons crusher run top course;

(12) 200 tons applying government furnished asphalt material (Type SC-2) for bituminous treatment;

(13) Force account, sanding;

(14) 71 c.y. class A concrete;

(15) 1470 lbs. reinforcing steel;

(16) 185 c.y. cement rubble masonry;

(ALTERNATE)

(17) 130 c.y. cement rubble masonry;

(18) 250 c.y. loose rock retaining wall;

(19) 188 l.f. 30-in. corr. galv. sheet metal pipe;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$75.00	\$65.00	\$75.00	\$40.00	\$40.00	\$100.00	\$150.00	\$91.00	\$200.00
(2)	35.00	40.00	50.00	20.00	32.50	50.00	100.00	60.00	100.00
(3)	.65	.70	.67	.70	.81	.08	.72	.75	1.30
(4)	1.75	2.00	2.00	1.25	1.50	2.00	2.50	2.51	2.00
(5)	.265	25	.50	.40	.36	.60	.72	.51	.40
(6)	.006	.008	.01	.01	.01	.01	.005	.01	.01
(7)	.08	.10	.12	.15	.08	.10	.20	.10	.10
(8)	1.25	1.00	1.50	1.25	2.50	2.00	2.00	1.50	2.30
(9)	75.00	50.00	200.00	600.00	200.00	100.00	100.00	500.00	1000.00
(10)	.665	.60	.80	1.00	.76	1.00	1.25	1.41	1.25
(11)	.73	.70	.80	1.00	.78	1.00	1.50	1.47	1.50
(12)	6.50	7.50	8.00	8.00	5.00	10.00	11.00	7.00	5.00
(13)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
(14)	30.00	28.00	35.00	30.00	25.00	30.00	40.00	35.00	40.00
(15)	.066	.08	.07	.07	.06	.10	.11	.10	.10
(16)	16.00	17.00	.....	16.00	18.00	17.00	20.00	15.40	20.00
(17)	16.00	17.00	18.00	16.00	18.00	17.00	18.00	15.40	20.00
(18)	4.50	5.00	3.50	3.00	4.00	5.00	10.00	8.00	4.00
(19)	4.00	3.50	3.50	4.00	3.50	3.50	3.50	4.36	4.00
(20)	6.00	5.25	5.50	5.00	5.25	6.00	6.00	5.12	6.00
(21)	7.00	7.00	7.00	7.00	6.25	7.00	8.00	6.67	8.00
(22)	9.00	9.00	9.00	10.00	8.25	10.00	12.00	10.00	12.00
(23)	20.00	18.00	15.00	15.00	16.00	18.00	15.50	15.52	20.00
(24)	40.00	30.00	40.00	25.00	30.00	30.00	35.00	30.00	50.00
(25)	1.30	3.00	2.50	2.50	2.00	1.50	2.25	2.33	1.50
(26)	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
(27)	4.00	3.00	4.00	10.50	3.50	4.00	4.00	3.00	4.00
(28)	.10	.08	.11	.08	.08	.09	.10	.07	.20
(29)	.20	.20	.20	.12	.15	.20	.20	.14	.25
(30)	20.00	25.00	25.00	25.00	25.00	20.00	20.00	7.00	30.00
(31)	15.00	10.00	10.00	10.00	5.00	10.00	10.00	20.00	30.00
(32)	2.50	2.75	3.00	3.00	2.50	2.50	3.00	3.00	4.00
(33)	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00
(34)	2.00	3.20	4.00	2.50	5.00	3.00	2.50	6.00	4.00
(35)	.08	.07	.07	.10	.06	.10	.08	.09	.10

(20) 70 l.f. 36-in. do;

(21) 30 l.f. 42-in. do;

(22) 74 l.f. 54-in. do;

(23) 22 l.f. 72-in. do;

(24) 2 each 42-in. corr. galv. sheet metal pipe elbow;

(25) 1300 l.f. remove, clean and relay existing CMP;

(26) Force account, apply asphalt to CM pipe to be relaid;

(27) 30 ea. right of way monuments;

(28) 7200 l.f. barbed wire fence;

(29) 3100 l.f. special fence;

(30) 9 each type 1 gates;

(31) 1 each type 2 gates;

(32) 36 each culvert markers;

(33) Force account, obliterate and clean up existing road;

(34) 1860 c.y. wire basket riprap;

(35) 64,000 lbs. wire mesh for basket riprap.

Total bids follow:

(A) Pearson & Dickerson, Prescott, \$110,589.52.

(B) W. E. Orr, Phoenix, \$119,148.10

(C) Oswald Bros., Phoenix, \$123,837.90.

(D) Skousen Bros., Albuquerque, N. M., \$125,968.40.

(E) Lee Moor Contr. Co., El Paso, \$133,788.20.

(F) H. J. Hagen, Globe, \$140,289.00.

(G) Bennett & Taylor, Los Angeles, \$143,407.70.

(H) Triangle Rock & Gravel Co., and Ralph A. Bell, Los Angeles, \$149,986.52.

(I) Fredericksen & Westbrook, Sacramento, Calif., \$204,636.00.

Unit prices follow:

STARK - RATH
 Printing & Publishing Company
 465 Tenth Street - San Francisco, Calif.
 Telephone MARKET 7110

(17)	3.00	3.00	2.00	5.00
(18)	174.00	350.00	650.00	400.00

BIDS OPENED

SAN DIEGO, Calif.—Walter H. Barber, P. O. Box 980, San Diego, at \$27,887, submitted low bid and was recommended for award of contract by Public Works Officer, 11th Naval District, San Diego, for extension of steam distributing system at Naval Operating Base (Marine Corps Base), San Diego, under Spec. 8017. The work will include reinf. concrete tunnels of combined lengths of approx. 1400 ft.; steam and return piping and fittings and misc. piping and work in tunnels; misc. piping and electric changes.

Complete bids were:

- Walter H. Barber—(1) work complete, using extra strength, genuine wrought iron return and misc. piping, \$27,887, (2) work complete, using heavy, high work complete, seamless tubing and copper fittings, \$27,660.
- M. H. Golden, San Diego—(1) \$29,900, (2) \$29,600.
- H. H. Peterson—(1) \$30,899, (2) \$30,620.

- Chas. Hoskins—(1) \$30,900, (2) \$30,715.
- James Barnes—(1) \$32,286, (2) \$32,735.
- Harry Muns—(1) \$32,997, (2) \$32,747.
- Frank Doran—(1) \$35,450, (2) \$35,125.
- R. E. Campbell—(1) \$37,834, (2) \$38,294, less deduction of \$700.
- Case Constr. Co.—(1) \$43,295, (2) \$43,295.
- Fluor Corp.—(1) \$44,368, (2) no bid. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

TO ASK BIDS SHORTLY

SAN LEANDRO, Alameda County, Calif.—Plans and specifications are nearing completion and bids will be invited soon on the new sewage pumping and treatment works for the City of San Leandro.

Work involves the construction of cast-in-place or pre-cast concrete foundations and approx. 1200 c.y. reinforced concrete structures, pipe-work, and equipment for a primary sedimentation and separate sludge digestion sewage treatment plant with provision for garbage grinding and digestion with the sewage sludge. The clarifier is 65 ft. in diameter and the digestion tanks are each 70 ft. in diameter. Included in the equipment are raw sewage pumps, screening, grinding and mixing equipment; digester gas collection and storage; sludge gas engine-generator unit; water reclamation plant.

Plans and specifications will be obtainable from the City Clerk, 1120 East 14th Street, San Leandro, upon deposit of \$20.00, returnable. Harry N. Jenks, 345 Madrone Avenue, Palo Alto, is the Consulting Engineer. 32

November 3, 1938

BOND ELECTION

BUTTE CO., Calif.—The North Burbank Public Utility District will vote on a proposal Nov. 18 in the amount of \$40,000 proceeds of which together with an expected PWA grant in the amount of \$30,132.00, will finance construction and completion of a sewage utility work. 32

BIDS OPENED

SACRAMENTO, Calif.—J. W. Terrell, 2765 Donner Way, Sacramento,

VENTURA CO.—BRIDGE RECONSTRUCTION—(STATE)

VENTURA COUNTY, Calif.—Paul J. Tyler, P. O. Box 206, Oroville, at \$111,985.20 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the reconstruction of a bridge across the Santa Clara River at Saticoy and approaches thereto; said structure to consist of reinforced concrete girder spans on concrete piers with steel pile foundations, Ventura County.

Work involves:

- (1) 110 c.y. remove existing conc.;
- (2) 150 M. gals. water;
- (3) 4,000 c.y. struc. excav.;
- (4) 7,000 c.y. imported borrow.;
- (5) 3 tons liq. asph. SC-2 prime coat
- (6) 500 tons min. agg. plant mix surf.;
- (7) 28 tons liq. asph. ROMC-4 or -5 plant mix surf.;
- (8) 426,000 lbs. bar reinf. steel;
- (9) 1,240 sq. yds. wire mesh reinf.;
- (10) 510 c.y. Class A Portland cement conc. footing block;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 3.00	\$ 6.00	\$ 5.00	\$ 8.15	\$ 8.00	\$ 5.00	\$ 15.00	\$ 12.00
(2)	1.20	1.50	1.50	2.50	2.00	2.00	3.00	3.00
(3)	.95	1.00	1.00	1.00	1.00	3.75	1.00	3.00
(4)	.55	.45	.50	.43	.60	.50	.80	1.00
(5)	20.00	15.00	20.00	21.00	20.00	15.00	30.00	10.00
(6)	4.10	3.75	3.20	3.50	3.00	4.00	3.50	5.00
(7)	11.00	12.00	10.00	9.00	10.00	10.00	20.00	15.00
(8)	.05	.05	.05	.0475	.048	.0465	.055	.05
(9)	.30	.36	.50	.33	.30	.40	.50	.30
(10)	16.00	23.00	19.00	10.15	10.00	15.00	9.00	15.00
(11)	22.00	23.00	26.00	28.20	25.00	23.50	32.00	25.00
(12)	.30	.18	.18	.25	.20	.14	.20	.20
(13)	1.20	1.40	1.00	1.50	1.00	1.10	1.50	2.00
(14)	1.20	2.25	1.50	1.50	1.00	1.00	1.50	2.00
(15)	2.20	1.95	2.00	1.55	2.50	1.82	2.00	2.00
(16)	20.00	15.00	16.00	29.30	50.00	54.50	25.00	25.00
(17)	12.00	10.00	8.00	12.20	10.00	7.50	15.00	10.00
(18)	3600.00	1000.00	1000.00	2000.80	2009.00	1000.00	2500.00	3000.00
(19)	1200.00	800.00	1000.00	2000.00	1910.00	500.00	1500.00	924.00

submitted the only bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the construction of a sewer in the alley between "N" and "O" streets, from the westerly line of 11th Street to the sewer in place in Ninth Street, Sacramento. 32

CONTRACT AWARDED

SANTA PAULA, Ventura Co., Cal.—Bebek & Brkich, 421 N. Record St., Los Angeles, at \$27,693.60 awarded contract by the Santa Paula City Council, 123 South Mill St., Santa Paula, for the construction of a main outfall sewer line. 22

33—WATER WORKS

BIDS OPENED

SANTA ANA, Orange Co., Calif.—Basich Bros, 20,650 So. Normandie Ave., Torrance at \$146,390.39 submitted low bid to the Orange county supervisors for constructing flood protection works on the Santa Ana River, and at \$6425 for protection work on San Juan Creek.

J. P. McCune, 314 Wakeham St., Santa Ana, submitted the low bid on the channel excav for Hickey Creek at \$935.

M. N. Thompson, Chief Engineer, reported that the board will recommend that the contracts be awarded to the low bidders. The bids and recommendation will be forwarded to the state for approval.

The items are:

- Group 1 to 6 Inc., Santa Ana River
 - (1) 290,740 lin ft driving 56- and/or 60-lb used rail piles, 30 ft long;
 - (2) 232,480 lin ft driving new black 4-in O.D pipe piles, 15 to 21 ft long;

- (11) 1,900 c.y. Class A Portland cement conc. struc.;
- (12) 3,400 lbs. misc. steel;
- (13) 1,800 l.f. timber railing;
- (14) 400 l.f. timber guard rail;
- (15) 5,516 l.f. furnish steel piles;
- (16) 197 each drive steel piles;
- (17) 395 c.y. sacked conc. riprap;
- (18) 1 lot lacking exist. trusses and approach spans into position;
- (19) 1 lot misc. items of work.

Total bids follow:

- (A) Paul J. Tyler, \$111,985.20.
- (B) Gibbons & Reed Co., Burbank, \$112,410.60.
- (C) United Concrete Pipe Corp., L. A., \$114,475.
- (D) Oscar Oberg, L. A., \$117,663.10.
- (E) Ralph A. Bell and Donald E. Metzger, L. A., \$119,500.
- (F) White & Wilberg, Santa Monica, \$123,439.12.
- (G) Contracting Engineers Co., L.A., \$132,552.
- (H) Byerts & Dunn, L. A., \$138,273.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 8.15	\$ 8.00	\$ 5.00	\$ 15.00	\$ 12.00	\$ 3.00	\$ 3.00	\$ 3.00
(2)	2.50	2.00	2.00	3.00	3.00	3.75	1.00	3.00
(3)	.43	.60	.50	.80	.50	.80	1.00	1.00
(4)	21.00	20.00	15.00	30.00	30.00	15.00	30.00	10.00
(5)	3.50	3.00	4.00	3.50	5.00	5.00	3.50	5.00
(6)	9.00	10.00	10.00	20.00	15.00	15.00	20.00	15.00
(7)	.0475	.048	.0465	.055	.05	.05	.05	.05
(8)	.33	.30	.40	.50	.30	.40	.50	.30
(9)	10.15	10.00	15.00	9.00	15.00	9.00	15.00	15.00
(10)	28.20	25.00	23.50	32.00	25.00	23.50	32.00	25.00
(11)	.25	.20	.14	.20	.20	.20	.20	.20
(12)	1.50	1.00	1.10	1.50	2.00	1.50	2.00	2.00
(13)	1.50	1.00	1.00	1.50	2.00	1.50	2.00	2.00
(14)	29.30	50.00	54.50	25.00	25.00	25.00	25.00	25.00
(15)	12.20	10.00	7.50	15.00	10.00	10.00	15.00	10.00
(16)	2000.80	2009.00	1000.00	2500.00	3000.00	3000.00	2500.00	3000.00
(17)	2000.00	1910.00	500.00	1500.00	924.00	924.00	1500.00	924.00

- (3) 115,675 lin ft placing 9-ft dbi type "I" fence on rail piles;
- (4) 33,044 lin ft placing 9-ft single type "F" fence on pipe piles;
- (5) 23,619 lin ft placing 7-ft single type "F" fence on pipe piles;
- (6) 28,871 lin ft placing 9-ft double type "I" fence on pipe piles in cross fences;
- (7) 6000 lin ft placing of 26-in width type "I" fencing;
- (8) 16,900 lin ft furnishing and placing of brush for levee protection
- (9) 547,740 cu yds placing levee embankment;
- (10) 170 ea placing and anchoring jetties.

San Juan Creek

- (2) 21,520 lin ft driving pipe piles, 4-in O.D, 18 to 21 ft long;
- (4) 10,752 lin ft 9-ft, single type "F" fence on pipe pile;
- (5) 2124 lin ft 7-ft single type "F" on pipe pile;
- (9) 30,000 cu yd levee embankment.

Hickey Creek

- (11) 5500 cu yds channel excav.;
- The complete bids follow:
- Santa Ana River
- Basich Bros.—(1) \$.08, (2) \$.08, (3) \$.10, (4) \$.08, (5) \$.08, (6) \$.15, (7) \$.08, (8) \$.20, (9) \$.09, (10) \$.75; total, \$146,390.39.
 - Gunther and Sireny—(1) \$.10; (2) \$.10, (3) \$.25, (4) \$.125, (5) \$.125, (6) \$.35, (7) \$.125, (8) \$.175, (9) \$.105, (10) \$12.50; total \$186,641.18.
 - United Concr Pipe Corp.—(1) \$.10, (2) \$.10, (3) \$.24, (4) \$.12, (5) \$.10, (6) \$.50, (7) \$.15, (8) \$.20, (9) \$.10 (10) \$.70; total, \$189,010.63.
 - V. R. Dennis—(1) \$.09, (2) \$.07, (3) \$.45, (4) \$.15, (5) \$.14, (6) \$.62, (7) \$.14, (8) \$.270, (9) \$.11, (10) \$.1500; total, \$224,411.53.
- San Juan Creek

Basich Bros—(2) \$09, (4) \$07, (5) \$03, (9) \$12; total, \$6425.16.

J. P. McCune—(2) \$11, (4) \$14, (5) \$09, (9) \$097; total, \$6989.36.

V. R. Dennis Constr Co—(2) \$10, (4) \$57, (5) \$45, (9) \$12; total \$12,908.44.

Hickey Creek

J. P. McCune—(1) \$17; total \$935.00.

Crow Bros—(1) \$20, total \$1100.00
V. R. Dennis Constr Co—(1) \$30, total, \$1650.00.

Famularo & Landreth—(1) \$30; total, \$1650.00.

Basich Bros—(1) \$.35; total \$1925.33

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Calif.—L. C. Karstedt, 16 Wall St., Watsonville, at \$17,892.62 awarded contract by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, for construction of a levee approximately one mile in length. 33

BIDS WANTED

MODESTO, Stanislaus Co., Cal.—Until November 9, 2:30 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the construction of concrete lining, concrete pipe and concrete structures, all in the canals and service ditches of the Modesto Irrigation District.

Plans and specifications available from above office. 73

BIDS OPENED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—L. C. Smith, 235 Third Ave., San Mateo, at \$1503.48 submitted low bid to the South San Francisco City Council, Daniel McSweeney, City Clerk, for the construction of protection work on the banks of the maintenance channels of Colma Creek in the City of South San Francisco.

South City Lumber and Supply Co., at \$1901.62 submitted only other bid. 33

34— PARKS AND PLAY-GROUNDS

BIDS OPENED

PORTLAND, Ore.—Rose City Landscape & Nursery Co., Portland, Ore., at \$2,290 submitted only bid to the Procurement Division, Public Bldgs. Branch, Wash., D. C., for landscape work at the U. S. P. O., East Portland Branch, Portland. 34

November 2, 1938

BIDS OPENED

FRESNO, Cal.—Bids for wire fence for the Cosmos and Dickey playgrounds, opened by Fresno city commission, were:

Pacific Fence Co., L. A.	\$1825
Whiting-Mead Co.	2375
Healey & Popovich	3133
Wickwire-Spencer Co., S. F.	3196
Walter Byde & Co.	3641

34

35— TUNNELS

BIDS WANTED

SAN FRANCISCO—Until Nov. 16, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19,160, for construction of drain tunnel and shafts for Parker Avenue Slide. Estimated cost \$52,000.

- (1) 350 l.f. drain tunnel;
- (2) 20 l.f. manhole (deep shaft);
- (3) 420 l.f. 4-ft. drain shaft;
- (4) 130 l.f. 8-inch drill hole cased;

REDWOOD CITY HALL ADDITION

ADDITION

REDWOOD CITY, San Mateo Co.
Two-story addn. to present city hall. Owner—City of Redwood City. Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Low Bidder—Frank J. Reilly Co., 6350 Fulton St., San Francisco, \$73,531

General bids received with the following deductions: (1) rock lath and plaster in lieu of metal; (2) gas burner in lieu of oil burner for heating plant; (3) bronze Kalamein doors in lieu of bronze; (4) omit electric clock (5) omit macadam driveway; (6) wood in lieu of marble in main lobby; (7) omit fire station; (8) gilded main entrance ceiling in lieu of gold leaf; (9) omit tile inserts in terrace walk; (10) omit raised curbs, etc.; (11) concrete in lieu of stone work at main entrance; (12) omit venetian blinds; (13) linoleum in lieu of rub-

ber tile; (14) omit cement painting exterior; (15) top soil fill per c.y.; (16) loam top fill per c.y.; (17) variation in foundations per l.f.; (18) cement concrete per c.y.; (19) reinf. steel per pound; (20) macadam pavement per sq. ft.; (21) excavation per c.y. Complete basic bids follow:
(A) Frank J. Reilly Co., San Francisco, \$78,831.
(B) Moore & Roberts, San Francisco, \$83,900.
(C) Central California Const. Co., San Francisco, \$84,727.
(D) G. W. Williams Co., Burlingame \$84,897.
(E) Carl N. Swenson Const. Co., San Jose, \$85,750.
(F) R. A. McLean & Co., San Francisco, \$91,900.

Complete alternate deductions and unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$1200.00	\$1150.00	\$ 900.00	\$1200.00	\$1100.00	\$1200.00
(2)	700.00	700.00	750.00	800.00	758.00	750.00
(3)		100.00	500.00	600.00	622.00	1000.00
(4)	130.00	50.00	140.00	135.00	125.00	150.00
(5)	850.00	500.00	900.00	590.00	1000.00	650.00
(6)	115.00	125.00	100.00	375.00	360.00	200.00
(7)	900.00	1800.00	1500.00	1900.00	1689.00	1922.00
(8)	50.00	50.00	70.00	25.00	68.00	15.00
(9)	160.00	75.00	200.00	225.00	238.00	150.00
(10)	500.00	500.00	100.00	540.00	1024.00	800.00
(11)	300.00	550.00	400.00	600.00	350.00	500.00
(12)	350.00	700.00	700.00	775.00	758.00	776.00
(13)	700.00	800.00	690.00	850.00	829.00	
(14)	200.00	250.00	350.00	350.00	275.00	355.00
(15)	1.50	2.00	2.00	.75	.60	.85
(16)	2.00	3.00	3.00	1.50	1.25	1.50
(17)	3.00	5.00	5.00	3.90	.60	3.00
(18)	20.00	25.00	24.00	16.50	20.00	20.00
(19)	.05	.05	.06	.0450	.06	.05
(20)	.10	.12	.35	.08	.16	
(21)	1.50	2.00	2.50	.65	1.50	1.00
(43) 1st report May 10; 5th, Oct. 25, 1938.						13

REDWOOD CITY LIBRARY

LIBRARY

REDWOOD CITY, San Mateo Co.
Construction of new 1-story library building on property adj. to the City Hall.

Owner—City of Redwood City. Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Low Bidder—G. W. Williams Co., 10 California Dr., Burlingame, \$69,290.00.

General bids received with the following alternate deductions: (1) rock lath and plaster in lieu of metal; (2) bronze kalamein doors in lieu of bronze; (3) western spruce recessed wood cases; (4) omit cement painting of exterior concrete surf.; (5) omit venetian blinds; (6) wood frames and plaster in lieu of glass block part; (7) omit cross aisle lights in mezzanine room, etc.; (8) linoleum in lieu of rubber tile; (9) omit let-

ter panel; (10) lights run in conduit in lieu of mezzanine cellular floor, etc.; (11) sub-soil fill per c.y.; (12) loam top fill per c.y.; (13) variation in foundations per l.f.; (14) all cement concrete per c.y.; (15) reinforcing steel per pound; (16) excavation per c.y.

Complete basic bids follow:
(A) G. W. Williams Co., Burlingame, \$69,290.
(B) Frank J. Reilly Co., San Francisco, \$71,431.
(C) Moore & Roberts, San Francisco, \$73,763.
(D) W. C. Tait Const. Co., San Francisco, \$78,400.
(E) Central Calif. Const. Co., San Francisco, \$80,346.
(F) R. A. McLean & Co., San Francisco, \$84,900.

Complete alternate deductions and unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$800.00	\$800.00	\$800.00	\$700.00	\$750.00	\$900.00
(2)	300.00		400.00	150.00	500.00	800.00
(3)	100.00	500.00	350.00	400.00	180.00	400.00
(4)	380.00	200.00	200.00	300.00	350.00	300.00
(5)	300.00	270.00	275.00	300.00	275.00	300.00
(6)	350.00	300.00	125.00	340.00	400.00	350.90
(7)	100.00	300.00	150.00	100.00	75.00	200.00
(8)	825.00	1320.00	800.00	824.00	800.00	1380.00
(9)	100.00	100.00	250.00	150.00	300.00	100.00
(10)	2000.00	270.00	1800.00	1700.00	1700.00	500.00
(11)	.75	1.50	2.00	1.00	2.00	.95
(12)	1.50	3.00	3.00	2.00	3.00	1.50
(13)	3.90	5.00	5.00	2.00	5.00	3.00
(14)	16.50	20.00	25.00	25.00	24.00	20.00
(15)	.0450	.05	.05	.05	.06	.05
(16)	.65	1.50	2.00	1.50	2.50	1.00
(42) 1st report May 10; 5th, Oct. 25, 1938.						13

LOS ANGELES CO.—GRADING & PAVING—(STATE)

LOS ANGELES COUNTY, Calif.—Claude Fisher Co., Ltd., 2455 East 55th St., Los Angeles, at \$154,870.15 submitted low bid to the State Division of Highways, C. H. Furcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.8 mile of grading and paving with Portland cement concrete, asphalt concrete and plant mix surfacing and constructing two bridges, Arroyo Seco Parkway, between Hough Street and Meridian Ave., Los Angeles County.

- Work involves:
- (1) Clear and grub;
 - (2) 1500 M. gals. water;
 - (3) 800 c.y. remove conc.;
 - (4) 160,000 c.y. roadway. excavation, unclass.;
 - (5) 3,700,000 sta. yds. overhaul;
 - (6) 7,775 c.y. struc. excav.;
 - (7) 21,000 sq. yds. prepare subgrade;
 - (8) finish roadway;
 - (9) 6 tons liq. asph. SC-2 prime coat;
 - (10) 920 tons min. agg. plant mix surf.;
 - (11) 50 tons liq. asph. ROMC-4 or -5 plant mix surf.;
 - (12) 3,400 tons asph. conc.;
 - (13) 4 tons asph. emulsion seal coat;
 - (14) 2,250 c.y. Class A Portland cement conc. pave.;
 - (15) 227,000 lbs. bar reinf. steel pace. and struc.;
 - (16) 4,200 each pave. dowels;
 - (17) 950 each pave. tile bolt assemblies;
 - (18) 1,675 c.y. Class A Portland cement conc. struc.;
 - (19) 17,500 lbs. misc. iron and steel;
 - (20) 400 l.f. 24-in. stand. reinf. conc.

- (21) pipe centrifugal type; do;
- (22) 280 l.f. 27-inch. do;
- (23) 350 l.f. 30-inch. do;
- (24) 450 l.f. 36-inch. do;
- (24) 310 l.f. 42-inch. do;
- (25) 70 l.f. 8-in. CMP;
- (26) 1,100 l.f. 18-in. CMP;
- (27) 220 l.f. 21-in. CMP;
- (28) 300 l.f. 24-in. CMP;
- (29) 50 l.f. 30-in. CMP;
- (30) 40 l.f. remove, clean and relay existing CMP;
- (31) 1 each spillway assemblies;
- (32) 1,200 c.y. Class A Portland cement conc. curbs, gutters, sidewalks and depressions;
- (33) 200 l.f. curb armor;
- (34) 1,150 l.f. lam. guard railing;
- (35) 3,250 l.f. chain link fence;
- (36) 10 each walk gates;
- (37) 2 each adjust exist. manholes to grade;
- (38) 1,900 l.f. 1½-in. galv. iron pipe;
- (39) 1,750 l.f. 2-in. do;
- (40) 329 l.f. steel railing;
- (41) 306 lbs. sheet copper;
- (42) 1 lot lighting equipment;
- (43) 1 lot misc. items.

Total bids follow:

(A) Claude Fisher Co., Ltd., L. A., \$154,870.15.

(B) J. E. Haddock, Ltd., Pasadena, \$157,430.17.

(C) Griffith Co., L. A., \$161,533.05.

(D) W. E. Hall Co., Alhambra, \$165,950.25.

(E) United Concrete Pipe Co., L.A., \$168,987.10.

(F) C. O. Sparks & Mundo Engrg. Co., L. A., \$177,772.50.

The unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
	\$ 800.00	\$ 475.00	\$ 740.00	\$ 970.00	\$1000.00	\$5000.00
(1)		.40	.90	.42	.85	1.00
(2)		2.00	1.65	1.40	2.00	1.60
(3)		.21	.19	.24	.24	.263
(4)	.003	.004	.024	.003	.001	.0035
(5)	.80	.75	.85	.55	.80	.80
(6)	.07	.09	.09	.10	.10	.12
(7)	300.00	300.00	300.00	300.00	800.00	150.00
(8)	10.00	10.00	10.00	10.00	10.00	15.00
(9)	2.25	2.20	2.20	1.95	2.50	2.70
(10)	8.00	8.00	7.80	9.00	7.00	9.00
(11)	2.50	2.47	2.55	2.73	2.70	2.60
(12)	20.00	20.80	25.00	27.00	25.00	25.00
(13)	6.25	6.15	5.90	6.00	6.50	7.00
(14)	.044	.044	.048	.05	.045	.05
(15)	.11	.11	.11	.12	.12	.15
(16)	.45	.46	.52	.50	.50	.60
(17)	17.00	17.00	17.50	18.00	19.00	18.00
(18)	.12	.13	.13	.14	.15	.20
(19)	2.50	2.65	3.00	2.80	3.00	3.00
(20)	3.00	3.40	3.70	3.50	3.50	3.80
(21)	3.50	3.90	4.20	4.30	4.25	4.50
(22)	4.50	5.10	5.50	5.20	6.00	5.88
(23)	5.50	6.00	6.50	6.10	7.00	7.00
(24)	1.00	.85	1.00	1.00	1.00	1.50
(25)	1.50	1.60	1.60	1.50	1.80	2.20
(26)	1.90	1.90	2.10	1.75	2.00	2.60
(27)	2.50	2.40	2.50	2.40	2.60	3.50
(28)	3.40	3.80	3.40	4.50	3.20	5.50
(29)	1.00	.60	.70	1.00	1.00	1.50
(30)	20.00	15.00	16.00	15.00	15.00	15.00
(31)	9.50	9.00	9.80	9.80	10.50	9.00
(32)	.80	.80	.90	.85	1.00	1.00
(33)	1.10	.90	1.00	.80	1.00	1.25
(34)	.70	.75	.72	.70	.85	.75
(35)	22.00	27.50	25.00	22.00	25.00	24.00
(36)	20.00	15.00	10.00	15.00	15.00	25.00
(37)	.35	.27	.40	.30	.20	.35
(38)	.40	.33	.43	.35	.25	.45
(39)	7.75	7.50	7.70	8.00	8.00	8.00
(40)	.40	.37	.50	.50	.60	.50
(41)	4000.00	4500.00	4600.00	4397.50	4650.00	3700.00
(42)	800.00	1000.00	600.00	1100.00	750.00	800.00
(43)						

prem.; contractor, G. Pene, 582 27th Ave.
 SIGN. electric, \$175; 2034 Chestnut St.; owner, W. D. Markee, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.
 ALTER dwelling, \$100; 328 Missouri;

owner, John F. Strih, premises; contractor, J. Yrigoyen, 31 Thornton.
 SIGN. electric, \$30; 3001 Market St.; owner, The Creamery, premises; contractor, Wonderlite Electric Prod. Corp., 170 Otis St.

- (5) 2 each standard manhole;
- (6) 200 l.f. 12-inch VC pipe, complete in place;
- (7) no item 7;
- (8) 80 c.y. dump excav.;
- (9) 100 l.f. wood fence;
- (10) 15 MBM timber bulkheads;
- (11) 2 each traffic signs;
- (12) 6 each warning signs.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10.00. * 35

BIDS OPENED

PROVO RIVER PROJECT, Utah.—Stroud-Seabrook, Elliott & Kemper (C. M. Elliott, 1120 Atchison Street, Pasadena—M. F. Kemper, 3704 Clarlington Ave., L. A.), submitted the low bid to the Bureau of Reclamation, Provo, Utah, at prices shown below, for construction of the Olmsted and Alpine-Draper tunnels for Salt Lake Aqueduct, Aqueduct Div., Provo River Project, near Salt Lake City, Utah, Spec. 808. The work involves:

- SCH. 1: Olmsted tunnel with "Y"—3-inch and "Z"—7-inch.
- SCH. 2: Olmsted tunnel with "Y"—4-inch and "Z"—8-inch.
- SCH. 3: Alpine-Draper tunnel with "Y"—3-inches and "Z"—7-inches.
- SCH. 4: Alpine Draper tunnel with "Y"—4-inches and "Z"—8-inches.

Bids will be considered on all or any number of the following schedules. Schedules No. 1 is alternative to Schedule No. 2, and Schedule No. 3 is alternative to Schedule No. 4, and award of contract will not be made for both alternatives in either case. Bidders may make such stipulations as they desire regarding combinations of schedules which are not alternative schedules, but no bid will be considered for only a part of any schedule.

- Total bids follow:
- Stroud-Seabrook, Elliott & Kemper—Sch. 1, \$98,400; Sch. 2, \$99,316.75; Sch. 3, \$390,058; Sch. 4, \$396,013.
 - Breckon, Thomas & Pratt, Salt Lake City—Sch. 1, \$135,765.25; Sch. 2, \$140,647.75.
 - L. E. Dixon Co., L. A.—Sch. 3, \$723,871; Sch. 4, \$726,898.
 - J. A. Terteling & Sons, Boise, Ida.—Sch. 1, \$150,670.
 - Gibbons & Reed Co., Salt Lake City—Sch. 2, \$152,494.50.
 - R. G. Clifford, San Francisco — Sch. 3, \$733,978; Sch. 4, \$739,223.
- * 35

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

- ALTER flats, \$175; 366-68 Van Ness Ave. So.; owner, A. Gonella, 60 Shotwell St.; contractor, R. Lind, 54 Stanton St.
- FLUE, \$45; 1137 Hayes St.; owner, E. Wilkins, prem.; contractor, Economy Furnace and Sheet Metal Works, 446 Fulton St.
- ALTER dwelling, \$350; 619 28th St.; owner, G. C. Larrimore, 619 28th St.; contractor, Donnelly Roofing Co., 652 Fulton St.
- ALTER dwelling, \$492; 3215 Army St.; owner, W. S. Hutchinson, prem.; contractor, Donnelly Roofing Co., 652 Fulton St.
- ALTER store and dwelling, \$425; 99 Naples St.; owner, Fred C. Gscheide, prem.; contractor, Economy Roofing and Siding Co., 2577 San Bruno Ave.
- ALTER dwelling, \$390; 732 Castro St.; owner, Roy Batistich, 732 Castro St.
- ALTER restaurant, \$225; 1301 Powell St.; owner, L. Chas. Paterno,

ALTER dwelling, \$200; 569 Dewey Blvd., owner, J. Kroger, prem.; contractor, Albert Massagli, 3821 Geary Blvd.

ALTER dwelling, \$750; 1774 Geary St.; owner, F. J. Blake, prem.; contractor, United Roofing and Siding Co., 2906 Mission St.

ALTER flats, \$275; 1430-32-34 Waller St.; owner, Julien Pleule, 1434 Waller St.; contractor, P. Andersen, 225 Sequoia Drive, San Anselmo.

FLUE, \$20; 40 Jones St.; owner, M. Leong, c/o contractor; contractor, Carl J. Fung & Co., 719 1/2 Sacramento St.

SIGN, electric, \$150; 5718 Geary St.; owner, Taylor's Garden, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

ALTER flats, \$250; 1855 Hyde St.; owner, Serafino Azzolino, prem.

ALTER dwelling, \$50; 467 Naples St.; owner, Alfred Greso, prem.

ALTER dwelling, \$260; 4025 18th St.; owner, W. Byrnes, prem.; contractor, San Francisco Terrazzo Co., 3730 3rd St.

ALTER flats, \$50; 69-71 Ramona Ave.; owner, Alfred and Emily Kretzer, prem.

ALTER dwelling, \$375; 39 Amazon Ave.; owner, Rose Maschlo, prem.; contractor, S. F. Concrete and Plaster Co., 107 28th St.

ALTER flats, \$200; 1636 Chestnut St.; owner, John Frossa, 2914 Franklin St.

SANTA CLARA CO.—FLOOD REPAIRS—(STATE)

AGNEW, Santa Clara Co., Calif.— E. T. Lesure, 87 Ross Circle, Oakland at \$22,596.70 submitted low bid to the State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento, for the completion of flood damage repairs, Coyote River, Agnew State Hospital Farm, Agnew.

Work consists of repairs to banks of the Coyote River, the placing of bank protection, construction of embankments and certain miscellaneous items, as follows:

- (1) clearing;
(2) 1170 c.y. trench excav.;
(3) 2660 c.y. bank excav. placed in levees;
(4) 50 c.y. backfill compacted on slopes;
(5) 70 c.y. fill in banks, borrowed material;
(6) 1170 c.y. Class X concrete in trenches and walls not including cement;
(7) 900 c.y. Class Y concrete sacked-

- and placed, not inc. cement;
(8) 5918 sacks of Portland cement;
(9) 500 c.y. Class Y concrete sacked and placed, not inc. cement;
(10) 425 c.y. Class X concrete slabs on slopes, not inc. cement.

(11) 5986 sacks of Portland cement. Total bids follow: (First total includes first eight items; alternate includes first five items and last three.

(A) E. T. Lesure, Oakland, \$22,596.70; Alt. \$24,420.40.

(B) Williams Bros. and Ilaas, Inc., San Francisco, \$22,998.56; Alt. \$22,977.87.

(C) Healy-Tibbitts Const. Co., San Francisco, \$25,890.80; Alt., \$26,731.60.

(D) Piazza & Huntley, San Jose, \$26,569.80; Alt., \$26,618.10.

(E) Dan Caputo, San Jose, \$28,894.16; Alt., \$29,986.32.

(F) R. G. Clifford, San Francisco, \$32,532.80; Alt., \$32,536.10.

Unit prices follow:

Table with 6 columns (A) through (F) and 11 rows of unit prices for various construction items.

LOS ANGELES COUNTY—GRADING—(GOVT)

LOS ANGELES COUNTY, Calif.— Claude Fisher Co., Ltd., 2455 East 55th Street, Los Angeles, at \$119,219 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading Section F of Rte. 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles Co. The length of the project is 2,055 miles.

- The work involves:
(1) 24 acres clearing;
(2) 24 acres grubbing;
(3) 230,000 c.y. of unclass excav.;
(4) 1300 c.y. do for struc.;
(5) 73,600 sta. yds. overhaul;
(6) 2,055 miles finishing earth graded roads;
(7) 40 c.y. Class A concrete;
(8) 1100 lbs. reinf. steel;
(9) 294 lf. 8-in. corr. galv. sheet metal pipe;
(10) 342 lf. 12-inch do;

- (11) 1450 lf. 24-inch do;
(12) 1114 lf. 30-in. do. (14 gage);
(13) 46 lf. 30-inch do (12 gage);
(14) 582 lf. 42-inch do (12 gage);
(15) 74 lf. 42-inch do (10 gage);
(16) 232 lf. 48-inch do (12 gage);
(17) 48 lf. 48-inch do (10 gage);
(18) 80 lf. 60-inch do (10 gage);
(19) 140 lf. 60-inch do (8 gage);
(20) 58 lf. 84-inch do (8 gage);
(21) 4 each 8-in. corr. sheet metal pipe elbows;
(22) 3 each Type A spillway inlets;
(23) 1 each Type B spillway inlets;
(24) 170 lf. 8-in. perf. corr. sheet metal pipe underdrains;
(25) 40 sq. yds. mortar backfill seal;
(26) 2 each drop inlets, 24-inch;
(27) 2 each reinf. concrete inlet covers;
(28) 30 each culvert markers;
(29) force account, fire protection.
Total bids follow:
(A) Claude Fisher Co., Ltd., Los Angeles, \$119,219.00.

- (B) Ralph Dixon, Glendale, \$121,467.45.
(C) Clyde W. Wood, Stockton, \$124,869.00.
(D) Geo. K. Thompson, Los Angeles, \$124,708.80.
(E) Ralph A. Bell, Monrovia, \$135,595.50.
(F) Daley Corp., San Diego, \$138,414.15.
(G) Gibbons & Reed, Burbank, \$138,707.10.
(H) United Concrete Pipe Corp., Los Angeles, \$150,297.60.
(I) Lewis Const. Co., Los Angeles, \$155,133.50.
(J) Griffith Co., Los Angeles, \$163,443.50.
(K) Martin & Schmidt, Long Beach, \$169,876.95.
(L) A. S. Vinnell Co., Los Angeles, \$190,610.30.
(M) R. L. Oakley, Los Angeles, \$198,710.95.

Unit prices follow:

Large table with 11 columns (A) through (M) and 29 rows of unit prices for various construction items.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until Nov. 14, 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-29-137, for furnishing (1) 400 feet fire, rubber lined hose; fob Pier 11-A, Seattle, Wash.; and (2) metallic caskets; fob Dock No. 2, Fort Mason, San Francisco.

FORT MASON, Calif.—Until Nov. 14, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-29-133, for furnishing misc. parts for Federal 2½-ton truck; fob Motor Warehouse No. 6, Presidio of San Francisco.

FORT MASON, Cal.—Until Nov. 14 9:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot Fort Mason, under Bid No. 928-29-138, for furnishing wire, reflectors, chain hoists, flanger, tees, steel; fob Fort Mason.

FORT MASON, Cal.—Until Nov. 15 10 A. M., bids will be received by the Constructing QM., San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-35, for furnishing 9 catchbasin frames and covers and 16 manhole frames and covers; fob Presidio of San Francisco.

SAN FRANCISCO.—Until Nov. 8, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-134, for furnishing and installing (1) four ¾-h.p. motor driven blowers complete with starter, jets, frame and motor support and necessary bolts and fittings in the magazines, Battery Davis, Fort Funston; and (2) four similar units installed in the magazines, Battery Townsley, Fort Cronkhite, Marin County.

SAN FRANCISCO.—Until Nov. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and equipment, as follows:

BID NO. 868-39-136: 2 concrete pneumatic vibrators; fob San Francisco;

BID NO. 868-39-137: 2000 lb. Douglas fir lumber; fob Fort Cronkhite, Marin County.

SAN FRANCISCO.—Until Nov. 7, 10:00 A. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-132, for (1) 375 feet terra-cotta salt glazed bell and spigot drain tile, 4-inch diameter; (2) 2 bends and (3) 500 feet clay unglazed open end agricultural tile, 12-inch lengths, 4-inch diameter; f.o.b. Fort Funston, Calif.

FORT MASON, Calif.—Until Nov. 15, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under

Bid No. 928-29-139, for furnishing misc. parts for manual control direct feed chlorinator; f.o.b. Fort Mason; twine, sheeting, nets, bleaching materials, etc., f.o.b. March Field.

CALIFORNIA STATE

SPADRA, Los Angeles Co., Calif.—Until Nov. 9, 10:00 A. M., bids will be received by the State Bureau of Purchases, 911 12th Street, Sacramento, for furnishing builders hardware for additions to Administration Bldg. and Isolation Bldg.; f.o.b. Spadra. Plans and specifications available from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Wash., D. C., for furnishing misc. supplies and equipment, as follows:

SCH. 4730: 1 truck, low platform, 6,000 lbs. capacity, complete with storage batteries for Mare Island, Nov. 15.

SCH. 4768: Valves, recirculating, thermostatic controlled for eastern yards and Puget Sound, Nov. 18.

SCH. 4684: 1 motor driven hand planer and jointer, 12-inch with motor on head, for eastern and western yards, Nov. 8.

SCH. 4753: Motor driven vertical boring mill, heavy duty, self contained, with threading attachment for Puget Sound, Nov. 15.

SCH. 4728: X-ray table, radiography, for San Diego, Nov. 15.

SCH. 4769: Rough machined steel forgings for Boston, Charleston and Puget Sound, Nov. 15.

SCH. 4721: 6 motor driven geared head toolmaker precision lathes for Washington, Nov. 4.

SCH. 4791: Electric grinders and drills for eastern and western yards, Nov. 18.

SCH. 4773: Motor driven power hack saw for eastern or western yard, Nov. 15.

SCH. 4775: Electrically operated laundry washing machine for San Diego, Nov. 18.

SCH. 4776: 2 motor driven metal cutting bandsaws for Puget Sound, Nov. 18.

SCH. 4792: Motor driven woodworking planer and matcher machine for eastern or western yards, Nov. 18.

SCH. 4789: Drill chucks for Philadelphia, Sewalls Point and Mare Island, Nov. 18.

SCH. 4798: 4 valve reseating outfits for Sewalls Points: 13 do for Mare Island, Nov. 22.

SCH. 4795: Motor-driven pipe and nipple threading machine for Puget Sound, Nov. 18.

SCH. 4799: 830 garden hoes for Sewalls Point; 180 do for Mare Island and 780 garden rakes, Nov. 22.

SCH. 4796: Hacksaw blades for Brooklyn and Mare Island; Nov. 18.

SCH. 4767: Air pressure-reducing valves for eastern yards and Mare Island, Nov. 15.

SCH. 4802: Cast iron soil pipe for

eastern and western yards, Nov. 22.

SCH. 4804: Shackles, anchor, and thimbles, wire rope for eastern and western yards, Nov. 18.

SCH. 4864: 1200 bbls. Portland cement for Portsmouth; 800 bbls. do for Mare Island, 1250 bbls do for eastern or western yards, Nov. 8.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until Nov. 7, 2 P. M., bids will be received by the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 760 Market St., San Francisco under Bid No. 1376, for rental of a trailbuilder attachment, cable operated type, complete with double drum hoists and power takeoff; fob bidder's shipping point and/or reding.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTER, \$800: 1227 Washington St., Oakland; owner, W. T. Grant Co., 1227 Washington St.; contractor, Safety Concrete Minerator Co., 3329 Sunset Blvd., L. A.

ADDITION, \$500: 11053 San Leandro St., Oakland; owner and builder, Manuel Abascal, 11053 San Leandro St.

SLAB, sidewalk, \$30: 701 Washington St., Oakland; owner, Carder Estate, 698 Bay St., Berkeley; contractor, F. E. Flaherty, 5248 Telegraph.

GARAGE, \$45; 7117 Todd St., Oakland; owner and builder, Mrs. C. S. Jones, 7117 Todd St.

REPAIRS, fire, \$600: 3841 Ardley Ave., Oakland; owner, W. C. Flinger, 3841 Ardley Ave.; contractor, W. K. Van Bokkeien, 439 23rd St.

RE-ROOF, \$35; 480 Forest St., Oakland; owner, Mr. Lassen, 480 Forest St.; contractor, Guy Tyler Sons Co., 1502 Cedar St., Berkeley.

REPAIRS to roof, \$10: 5615 Miles Ave., Oakland; owner, M. McPherson; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

REPAIRS to roof, \$5: 2401 Broadway, Oakland; owner, Joe Goldsmith; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.

SIGNS, (2) wood, \$10 each; 2400 Broadway, Oakland; owner and builder, Herman Kreindler, 2400 Broadway. Wood sign, \$5.

SIGN, metal, \$5; 537 17th St., Oakland; owner and builder, Mrs. E. M. Masters, 537 17th St.

POLE, barber, \$50: 4205 Park Blvd.; owner and builder, Wm. Bloyd, 4205 Park Blvd.

SIGN, wood, \$4; 117 Broadway, Oakland; owner and builder, R. Parmley, 117 Broadway.

SIGN, wood, \$5; 2312 Broadway, Oakland; owner and builder, Lloyd H. Warnecke, 2312 Broadway.

GARAGE, private, \$50.00: 1538 20th Avenue, Oakland; owner, Victor Maresca, premises.

GARAGE, 1-story, \$50: 2822 E 10th St., Oakland; owner and contractor, Antone Corvalla, prem.

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTION

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Campbell Low on State
Office Building



Ball, Casson Bids State Highway Jobs



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, Editor

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., NOVEMBER 12, 1938

No. 46

CAMPBELL BIDS \$707,344 FOR STATE PROJECT

Twenty-seven Bids Submitted
To State Architect On
Five Propositions

SACRAMENTO, Nov. 9.—Campbell Construction Co., Sacramento, at \$707,344 today submitted the low bid to the State Architect for general construction of the five-story and basement State Office Building No. Three in Sacramento. M. R. Carpenter, at \$133,146, submitted the low bid for the heating and air conditioning, and at \$45,417 for plumbing work. Low bidders on other proposals were: Roy M. Butcher, at \$83,371, for electrical work; and Westinghouse Electric Elevator Company at \$78,50, for elevators.

Five-Story Building

State Office Building No. Three will be a five-story reinforced concrete building covering a ground area of 150 by 315 feet. Pile foundations, pile caps and rough concrete basement slab were installed under a separate contract.

Total Bids

Complete total bids for general construction of the building are:

Campbell Const. Co.....	\$707,344
Lindgren & Swinerton, Inc.	712,389
I. Mayson	714,416
MacDonald & Kahn Co.....	717,717
K. E. Parker Co.....	727,840
Clinton Construction Co.....	758,700
Caton and Smith	769,000
George A. Fuller Co.....	775,000

Additional bids were submitted under the following propositions: electrical work; plumbing work; heating and air conditioning; and elevators.

Electric Work

Bidders on the electrical contract included: Roy M. Butcher, \$83,371; Reliable Electric Works, \$87,284; Scott-Butner Electric Co., \$88,865; George C. Foss, \$89,388; Luppen & Hawley, Inc., \$89,916; Moore Elec. Co., \$93,426; and Abbett Electric Company, \$103,404.

Three proposals were submitted on the plumbing contract: M. R.

POLICE BUILDING BIDS NOVEMBER 23

Bids for construction of the \$296,000 Berkeley Hall of Justice will be opened November 23, it was announced yesterday. The project, one of the major East Bay jobs in the current PWA program, will be financed in part by a federal grant of \$160,724, together with proceeds from a bond issue approved September 27 by Berkeley voters.

Plans for the Berkeley hall of justice were prepared by Architect James W. Plachek of Berkeley. It will be a three-story reinforced concrete structure, to house police administrative offices, courtroom, cell blocks, police training school quarters, offices, interview rooms and radio broadcast station.

BUILDERS EXCHANGE NAMES NEW MEMBERS

Election of four new members was announced last week by the San Francisco Builders' Exchange. The new member firms are:

Van Arsdale Harris Lumber Co., Inc., engineers and contractors, acoustical and insulation materials; Munthe Equipment Co., manufacturers' agents; L. D. Tonn, reinforcing steel installation contractor; and Pacific Electric Motor Co., Oakland, electrical contractors.

Carpenter, \$45,417; Luppen and Hawley, Inc., \$54,350; and Hateley & Hateley, \$55,138.

Air Conditioning

Bids on the heating and air conditioning contract included: M. R. Carpenter, \$133,146; J. Herman Co., \$153,880; Alta Electric & Mechanical, \$154,000; Hateley and Hateley, \$158,486; Luppen & Hawley, Inc., \$158,606; and Herman Lawson Company, \$167,333.

The following submitted proposals for furnishing and installing elevators: Westinghouse Electric Elevator Co., \$78,150; Otis Elevator Co., \$82,517; and Pacific Elevator & Equipment Co., \$84,250.

BALL, CASSON LOW ON STATE HIGHWAY JOBS

Low Bids Aggregate \$266,338
On Santa Cruz, Kern
Contracts

SACRAMENTO, Nov. 9.—Low bids totaling \$266,338 today were submitted to the State Division of Highways on two contracts for highway construction in Santa Cruz and Kern counties.

Meanwhile, Director Earl Lee Kelly of the Department of Public Works awarded the contract for reconstruction of a bridge across Santa Clara River at Saticoy to Paul J. Tyler, Oroville, at the bid price of \$111,985. The bridge will consist of reinforced concrete girder spans on concrete piers with steel pile foundations, and will be located in Ventura county.

N. M. Ball Sons, Berkeley, at \$232,767, submitted the low bid to the State Division of Highways for grading and applying road-mixed surface treatment to 8.2 miles of highway between one-half mile south of Davenport and Waddell Creek in Santa Cruz county.

On the second contract for which bids were opened today, J. A. Casson, at \$33,571, submitted the low bid for grading, road-mixed surfacing and applying Class A seal coat to 7.6 miles of highway between four and twelve miles east of Mohave in Kern county.

Bidders included: J. A. Casson, \$33,571; Oilfields Trucking Corp., \$35,993; Piazza & Huntley, \$36,189; Griffith Company, \$36,254; Dimmitt & Taylor, \$36,611; Martin & Schmidt, \$37,454; Warren Southwest, Inc., \$38,409; Oswald Bros., \$40,216; C. R. Butterfield & Kennedy Co., \$40,313; and Clyde W. Wood, \$40,671. Three other firms submitted bids, also.

The State Architect today called bids for construction of flood repair damage on the Coyote River at Agnew State Hospital Farm, Agnew. Bids will be opened November 29.

The work consists of repairs to the banks of Coyote River, the placing of bank protection and the construction of embankments.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3410-3	Doelger	Owner	4000
3414-6	Doelger	Owner	5000
3417	Evers	Owner	3500
3418	Ingerman	Owner	4000
3419	Knapp	Unit	1200
3420	Legallet	Owner	3200
3421	Porteous	Jensen	4000
3422-3	Stoneson	Owner	3000
3424	Stoneson	Owner	5500
3425	Kahn	Gladstone	20000
3426-7	Kolsberg	Owner	3500
3428	Nelson	Owner	6000
3429	Sharman	Owner	6500
3430	Sharman	Owner	6000
3431	Sheahan	Cuthbertson	1400
3432	Steger	Williams	5000
3433	Wm Taylor	Kiernan	3000
3434	Fio Rito	Wagner	10000
3435	Fio Rito	Wagner	11000
3436	Hokwiesner	Wold	8000
3437	Prot. Episcopal	Jacks	5000
3438-9	Stoneson	Owner	5500
3440	Abel	Owner	2000
3441	Asimakoploss	Roy	1250
3442	Blum	Owner	3000
3443-5	Christensen	Owner	3000
3446	Christensen	Owner	5500
3447	Doerre	Johnson	3500
3448	Hansen	Yrigoyan	4500
3449	Herlihy	Owner	1000
3450	Matteoni	S.F. Plast.	1000
3451	McKeon	Owner	3000
3452-4	Meyer	Owner	4000
3455	Morris	Owner	4000
3456	Jabin	Donner	3250
3457-8	Standard	Owner	3500
3459	Voight	Jacks	8000
3460	Andersen	Owner	4500
3461-4	Dall	Owner	3500
3465	Duerrner	Aetna	3000
3466-7	Matre	Owner	3500
3468-9	Perkins	Owner	3500
3470	Ruegg	Owner	4000
3471	Stoff	Owner	1000
3472	Uhlig	Owner	2800
3473	Woodruff	Schuster	2000

DWELLINGS

(3410) E 29th AVE. 343, 368, 393, 418, 443 S Noriega. Five 1-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4000 each

DWELLINGS

(3411) E 41st AVE. 225, 250 S Kirkham. Two 1-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4000 each

DWELLINGS

(3412) W 42nd AVE. 150, 175 N Kirkham. Two 1-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4000 each

DWELLING

(3413) E 41st AVE. 125 N Lawton. One - story and basement frame dwelling.

Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$4,000

DWELLING

(3414) SW 17th AVE. and Ortega. One - story and basement frame dwelling.

Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$5,000

DWELLINGS

(3415) W 15th AVE. 210, 240, 270, 300, 330, 360 S Quintara. Six 1-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$5000 each

DWELLINGS

(3416) W 15th AVE. 90, 120, 150, 180 S Quintara. Four one-story and basement frame dwellings.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not Given. \$5000 each

DWELLING

(3417) S SANTIAGO 95 W 37th Ave. One - story and basement frame dwelling.
Owner and Builder—Kenneth Evers, 55 San Rafael Way.
Architect — C. O. Clausen, 746 46th Avenue. \$3,500

DWELLING

(3418) NE 17th AVE. and Quintara. One - story and basement frame dwelling.

Owner & Builder—C. Ingerman, 1215 Taraval.
Architect — C. O. Clausen, 746 46th Avenue. \$4,600

ALTERATIONS

(3419) 2131 VALLEJO ST. Alter of fice.

Owner—Knapp & Mauberret, 557 Market Street.
Contractor—Unit Const. Co., 557 Market Street.
Architect—Not Given. \$1,200

OFFICE

(3420) W GRIFFITH 25 N Revere. One-story frame office.
Owner — Legallet Tanning Co., 1099 Quesada.
Contractor—Not Selected.
Plans by Uzmay & Roth, 268 Market Street. \$3,500

DWELLING

(3421) E MARKET 41 S Dixie Alley. One - story and basement frame dwelling.
Owner—Chas. Porteous, 41 Bache St.
Contractor—J. Jensen, 41 Bache St.
Architect—Not Given. \$4,000

DWELLINGS

(3422) SW OTTAWA AVE. 42, 67, 92 NW Alemany Blvd. Three 1-story and basement frame dwellings.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$3,000 each

DWELLINGS

(3423) SW ROME 90, 115, 140, 165, 190 SE Cayuga. Five one-story and basement frame dwellings.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$3,000 each

DWELLING

(3424) W CRANLEIGH DR. 208 S Sloat Blvd. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.
Architect—Not Given. \$5,500

DWELLING

(3425) S SEA CLIFF 400 W El Cammino Del Mar. Two-story and basement frame dwelling.
Owner—Felix Kahn, 200 Walnut St.
Contractor — D. B. Gladstone, 557 Market St.

Architect—Farr & Ward, 68 Post St
Engineer—T. F. Chace, Phelan Bldg \$20,000

DWELLING

(3426) NW NAPLES and Amazon Avenue. One-story and basement frame dwelling.

Owner—T. Kolsberg, 3928 17th St.
Architect—Not Given. \$3,500

DWELLING

(3427) SE NAPLES 100 SW Perry. One - story and basement frame dwelling.

Owner and Builder — T. Kolsberg, 3928 17th St.
Architect—Not Given. \$3,500

DWELLING

(3428) W 25th AVE. 120 N Occoan. One - story and basement frame dwelling.

Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$6,000

DWELLING

(3429) SW WASHINGTON and Presidio. Two-story and basement frame dwelling.

Owner and Builder—Thos. R. Sharman, 3700 Broderick Street.
Architect—Not Given. \$6,500

DWELLINGS

(3430) S WASHINGTON 21, 44, 69, 92 W Presidio. Four two-story and basement frame dwellings.

Owner and Builder—Thos. R. Sharman, 3700 Broderick Street.
Architect—Not Given. \$6,000 each

ALTERATIONS

(3431) 442 SANCHEZ ST. Alter flat.
Owner—Ruth D. Sheahan, premise Contractor — Tom Cuthbertson, 45 Noriega Street.
Architect—Not Given. \$1,400

DWELLING

(3432) W FAXON AVE. 358 N Kerwood Way. One-story and basement frame dwelling.

Owner—Al Steger, c/o Contractor. Contractor—Williams Const. Co., 330 22nd St.
Architect—Not Given. \$5,000

ALTERATIONS

(3433) NW McALLISTER and Leavenworth. Alter hotel.
Owner — William Taylor Corp., Building Contractor—Kiernan & O'Brien, 5 Geary Street.
Architect—Albert H. Larsen, 3 Kearny Street. \$3,000

FLATS

(3434) N. AMMY 25 W Alabam Two-story frame flats.
Owner—Rosalie and Antonio Fiori 1487 Alabama St.
Contractor—Geo. Wagner, 181 Sou Park.
Architect—H. C. Baumann, 251 Kea ny St. \$10,000

FLATS

(3435) NW ARMY AND Alabam Two-story frame flats.
Owner—Rosalie and Antonio Fiori 1487 Alabama.
Contractor—Geo. Wagner, 181 Sou Park.
Architect—H. C. Baumann, 251 Kea ny St.

DWELLING		Contractor—Niles E. Johnson, 168 Lunado.		Market St.	
3436) SW LANSDALE AVE. 551 NW Globe Alley. Two-story and basement frame dwelling.		Architect—Not given. \$3500		Architect—A. R. Williams, 251 Post Street.	
Owner—F. M. Hohmelsner, c/o arch. Contractor—C. L. Wold Const. Co., 4412 Fulton St		DWELLING		Engineer—Wm. H. Baker, 251 Post Street. \$8000	
Architect—Albert H. Larsen, 333 Kearny St. \$8000		3438) NW LANE and Quesada. One-story and basement frame dwelling.		DWELLING	
ALTERATIONS		Owner—Geo. Hansen, 1527 Palou. Contractor—Joe Yrigoyan, 31 Thorn-ton Ave.		3460) W 31st AVE, 200 S Judah St. One - story and basement frame dwelling.	
3437) 2770 LOMBARD ST. Alter Old Ladies Home.		Architect—Geo. E. Ralph, 110 Sutter Street. \$4500		Owner and Builder—Christian Andersen, 146 Grandville Way.	
Owner—Protestant Episcopal Old Ladies Home, c/o cont.		ALTERATIONS		Architect—Not Given. \$4,500	
Contractor—Jacks and Irvine, 620 Market St.		3449) 3002 ARMY STREET. Alter dwelling.		DWELLING	
DWELLING		Owner—James P. Herlhy, 270 Valley St.		3461) SE CAYUGA AVE 150 SW Oneida Ave. One-story and basement frame dwelling.	
3438) W. CRANLEIGH DRIVE 90 S. Sloat Blvd.		Architect—Not given. \$1000		Owner and Builder—John Dall, 621 Cordova Street.	
Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5500		ALTERATIONS		Architect—Not Given. \$3,500	
DWELLING		3450) 74 COLERIDGE. Alter flats.		DWELLING	
3439) W. CRANLEIGH DRIVE 138 S. Sloat Blvd.		Owner—L. Matteoni, prem. Contractor — S. F. Plastering and Conc. Co., 107 28th St.		3462) SE CAYUGA AVE. 175 SW Oneida Ave. One-story and basement frame dwelling.	
Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5500		Architect—Not given. \$1000		Owner and Builder—John Dall, 621 Cordova Street.	
DWELLING		DWELLINGS		Architect—Not Given. \$3,500	
3439) W. CRANLEIGH DRIVE 138 S. Sloat Blvd.		3451) W 28th AVE. 225, 250, 275, 300, 325, 350 S. Moraga. Six (6) 1-story and basement frame dwellings.		DWELLING	
Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 251 Kearny St. \$5500		Owner—C. F. McKeon, 2194 30th Ave. Architect—Not given. \$3000 ea.		3463) SE CAYUGA AVE 225 SW Oneida Ave. One-story and basement frame dwelling.	
DWELLING		DWELLING		Owner and Builder—John Dall, 621 Cordova Street.	
3440) N TEDDY AVE. 250 W Rutland. One-story and basement frame dwelling.		3452) E. TERESITA 92 N Melrose. One-story and basement frame dwelling.		Architect—Not Given. \$3,500	
Owner—Ova E. Abel, 210 Page St. Architect—Not given. \$2000		Owner—Meyer Bros., 735 Portola Dr. Architect—Not given. \$4000		DWELLING	
ALTERATIONS		DWELLING		3464) SE CAYUGA AVE. 200 SW Oneida Ave. One-story and basement frame dwelling.	
3441) 361 MISSISSIPPI. Alter dwelling.		3453) E. TERESITA BLVD. 25 N Melrose Ave. One-story and basement frame dwelling.		Owner and Builder—John Dall, 621 Cordova Street.	
Owner—C. Asimakopulos, prem. Contractor—Roy Const. Co., 2911 Mission St.		Owner—Meyer Bros., 735 Portola Dr. Architect—Not given. \$4000		Architect—Not Given. \$3,500	
DWELLING		DWELLING		DWELLING	
3442) N SILLIMAN 150 E Goettlgen. One-story and basement frame dwelling.		3454) E. TERESITA BLVD. 59 N. Melrose Ave. One-story and basement frame dwelling.		3465) N HOLLOWAY 50 E Brighton. One - story and basement frame dwelling.	
Owner—Joe Blum, 212 Silliman. Architect—Not given. \$3000		Owner—Meyer Bros., 735 Portola Dr. Architect—Not given. \$4000		Owner—Alice Duerner, c/o contractor. Contractor—Aetna Const. Co., 1730 24th Avenue.	
DWELLING		DWELLING		Architect—Not Given. \$3,000	
3443) S MONTEREY BLVD. 75 E. Baden. One-story and basement frame dwelling.		3455) W. TULES AVE. 200 S. Ocean Ave. One-story and basement frame dwelling.		DWELLING	
Owner—H. Christensen, 1801 19th Ave. Architect—C. O. Clausen, 746 46th Ave. \$3000		Owner—G. W. Morris, 95 Pinehurst Way. Architect—Donnell E. Jaekle, 126 Post St. \$4000		3466) SW CHESTER and Randolph. One - story and basement frame dwelling.	
DWELLING		DWELLING		Owner and Builder—Matire & Alles-sandri, 766 Silver Avenue	
3444) S MONTEREY BLVD. 50 E Baden. One-story and basement frame dwelling.		3456) W. WISCONSIN 250 N. 22nd St. One-story and basement frame dwelling.		Architect—Not Given. \$3,500	
Owner—H. Christensen, 1801 19th Ave. Architect—C. O. Clausen, 746 46th Ave. \$3000		Owner—John Jablin, c/o cont. Contractor—Bernard W. Donner, 3800 Mission St.		DWELLING	
DWELLINGS (6)		Architect—Not given. \$3250		3468) SE 31st AVE. and Rivera St. One - story and basement frame dwelling.	
3445) S MONTEREL 100, 125, 150, 175, 200, 225 E Baden; Six (6) 1-story and basement frame dwellings.		DWELLING		Owner and Builder—E. W. Perkins, 1370 35th Ave.	
Owner—H. Christensen, 1801 19th Ave. Architect—C. O. Clausen, 746 46th Ave. \$3000 each		3457) W. 22nd AVE. 150 N. Lawton Street. One-story and basement frame dwelling.		Architect—C. O. Clausen, 746 46th Avenue. \$3,500	
FLATS		Owner—Standard Bldg. Co., 1500 Judah St.		DWELLING	
3446) W 21st AVE. 37 N Judah. Two-story and basement frame flats.		Architect—Not given. \$3500		3469) S RIVERA 50 E 31st Ave. One - story and basement frame dwelling.	
Owner—H. Christensen, 1801 19th Ave. Architect—C. O. Clausen, 746 46th Ave. \$5500		DWELLING		Owner and Builder—E. W. Perkins, 1370 35th Ave.	
DWELLING		3458) W 22nd AVE, 125 N. Lawton Street. One-story and basement frame dwelling.		Architect—C. O. Clausen, 746 46th Avenue. \$3,500	
3447) W MOSCOW 25 N Italy. One-story and basement frame dwelling.		Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not given. \$3500		DWELLINGS	
Owner—Walter Wm. Doerre, 1794 Ellis St.		ALTERATIONS		3470) SW SCHWERIN 88, 61, 37 N Visitation. Three one-story and basement frame dwellings.	
		3459) 577-81 MARKET STREET. Alter store.		Owner and Builder—The Ruegg Co., 369 Pine Street.	
		Owner—Dr. C. E. Voight, prem. Contractor—Jacks and Irvine, 620		Architect—Albert H. Larsen, 333 Kearny Street. \$4,000 each	

ALTERATIONS

(3471) 222 28th AVE. Alter dwelling.
 Owner and Contractor—M. J. Stoff,
 531 14th Ave
 Architect—Not Given. \$1,000

DWELLING

(3472) W NEVADA ST. 100 S Jarboe. One - story and basement frame dwelling.
 Owner and Builder—Alfred F. Uhlig,
 247 Ney Street.
 Architect—Not Given. \$2,800

ALTERATIONS

(3473) 2251 GREEN ST. Alter dwelling.
 Owner—A. W. Woodruff, premises.
 Contractor—Geo. Schuster, 565 7th St.
 Architect—Not Given. \$2,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2616	Merrill	Altermatt	4000
2617	Skaggs	Nordstrom	12000
2618	Baltzer	Ginsburg	4900
2619	Harde	West Constr.	4000
2620	Kruger	Scherman	4000
2621	Pilotti	Reese	1200
2622	Fond	Pond	4900
2623	Ridenour	Jensen	3500
2624	Winder	Owner	1000
2625	Brasch	Owner	4000
2626-7	Brasch	Owner	5000
2628	Burg	Martin	3400
2629	Grebín	Owner	1100
2630	Jarvis	Jones	2500
2631	Bergh	Ames	2900
2632	Bd. Educ.	Central Calif.	38888
2633	Heald	Caskey	4000
2634	Hood	Tollefsen	3200
2635	Pruner	Owner	4000
2636	Bonds	Owner	5000
2637	Reininghaus	Owner	3500
2638	Suetz	Owner	1000
2639	Bacon	Owner	3400
2640	Fawke	Wisheropp	7500
2641	Fedde	Nylander	4600
2642	Griffith	Griffith	4000
2643	Nizzoli	Kint	3000
2644	Pac. T. & T.	Lindgren	3500
2645	M U D	WPA	30000
2646	Berkeley	WPA	30000
2647	Hubbard	Dybdahl	1800
2648	James	Wheeler	2000
2649	Lederer	Owner	30000
2650	Flagg	Owner	3500
2651	Frederickson	Owner	5000
2652	Gaubert	Gaubert	20000

DWELLING

(2616) 2521 HILLCOURT, BERKELEY. One-story 4-room frame dwelling and garage.
 Owner—Mrs. Merrill.
 Contractor—J. F. Altermatt, 239 Taurus Road, Oakland.
 Architect—Not given. \$4000

BUILDING

(2617) 1815 SOLANO, BERKELEY. One-story store bldg.
 Owner—M. B. Skaggs, 4th & Jackson Sts., Oakland.
 Contractor—D. Nordstrom, 354 Hobart St., Oakland.
 Architect—F. Soderberg, 341 17th St., Oakland.
 Architect—Not given. \$12,000

DWELLING

(2618) N. CARISBROOK DRIVE, Lot 2272, Forestland, Oakland. One-story, 5-room dwelling.
 Owner—I. H. Baltzer.
 Contractor—Bernard S. Ginsburg, 2061 Webster St.
 Architect—Not given. \$4900

DWELLING

(2619) 2599 EL CAMINITO, OAKLAND. One-story, 5-room dwelling.
 Owner—O. Harde, 1416 Benton.

Contractor—Western Constr. Co., 219 Richfield Oil Bldg.
 Architect—Not given. \$4000

DWELLING

(2620) 2127 E. 29th ST., OAKLAND. One-story, 5-room dwelling.
 Owner—W. V. Krueger, Oakland.
 Contractor—Sol Scherman, 2789 Foothill Blvd.
 Garage, \$350.
 Architect—Not given. \$4000

ALTERATIONS

(2621) 9633 FOOTHILL BLVD., OAKLAND. Alter and Addition.
 Owner—V. Pilotti, 9633 Foothill Blvd.
 Contractor—T. O. Reese, 583 Kenilworth Ave., San Leandro.
 Architect—Not given. \$1200

DWELLING

(2622) 3255 WYMAN ST., OAKLAND. Two-story, 6-room dwelling.
 Owner—Josephine K Pond.
 Contractor—C. P. Pond, 1056 Ardmore Ave.
 Architect—F. H. Slocombe. \$4000

DWELLING

(2623) 6116 RUTHLAND ROAD, OAKLAND. One-story, 5-room dwelling.
 Owner—I. L. Ridenour, 97 Glen Ave.
 Contractor—H. K. Jensen, 2755 Rawson St.
 Architect—Not given. \$3500

ALTERATIONS

(2624) 2070 MOUNTAIN BLVD., OAKLAND. Alter.
 Owner and Builder—Winder & Graham Corp., 2070 Mountain Blvd.
 Architect—Not given. \$1000

DWELLING

(2625) 1410 LINCOLN. Two-story, 5-room frame dwelling and garage.
 Owner—M. G. Brasch, 1600 Mt. Blvd.
 Architect—Not given. \$4000

DWELLING

(2626) 1431 LINCOLN. One-story, 5-room frame dwelling and garage.
 Owner and Builder, 1600 Mt. Blvd.
 Architect—Not given. \$5000

DWELLING

(2627) 1460 LINCOLN, BERKELEY. One and one-half story frame dwelling and garage.
 Owner and Builder—M. B. Brasch, 1600 Mt. Blvd., Oakland.
 Architect—Not given. \$5000

DWELLING

(2628) 1629 CORNELL, BERKELEY. One-story, 6-room frame dwelling and garage.
 Owner—Mrs. E. Burg, 2142 Alameda Avenue.
 Contractor—Martin & Stroub, P. O. Box 955, Petaluma
 Architect—Not given. \$3400

DWELLING

(2629) 1453 66th ST., BERKELEY. One-story, 3-room frame dwelling.
 Owner and Builder—H. A. Grebin, 1453 66th St.
 Architect—Not given. \$1100

ALTERATIONS

(2630) 180 OAK ROAD, PIEDMONT. Alterations.
 Owner—Dr. C. F. Jarvis, 244 Lakeside Ave., Oakland.
 Contractor—Carr Jones, 1211 Bonita Ave., Berkeley.
 Architect—Not given. \$2500

DWELLING

(2631) 3543 ROBINSON DR., OAKLAND. One-story, 5-room dwelling.
 Owner—Edward W. Bergh, St. Clara Apts.
 Contractor—Ames & Ames, 655 Chestwood St.
 One-story garage, \$270.
 Architect—Not given. \$2900

ALTERATIONS

(2632) 10315 E STREET, OAKLAND. Alter and addition.
 Owner—Board of Education, 1025 2nd Ave.
 Contractor—Central Calif. Const. Co., 115 Burrows St., S. F.
 Architect—Not given. \$38,580

DWELLING

(2633) 3830 FRUITVALE AVENUE, OAKLAND. One-story, 5-room dwelling.
 Owner—W. F. Heald, 3826 Fruitvale Avenue.
 Contractor—H. F. Caskey, 4215 Carson St.
 Architect—Not given. \$2630

DWELLING

(2634) 6321 MONADNOCK WAY, OAKLAND. One-story, 5-room dwelling.
 Owner—H. A. Hood, 4456 Maragon Ave.
 Contractor—C. Tollefsen, 1755 Highland Street.
 Architect—Not given. \$3200

DWELLING

(2635) 2001 DURANT AVE., OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—Wm. Pruner, 21104 East 14th St., Hayward.
 Architect—Not given. \$4000

DWELLING

(2636) 476 KENTUCKY, BERKELEY. One-story, 5-room frame dwelling and garage.
 Owner and Builder—M. S. Bonds, 85 Creston Road.
 Architect—Not given. \$5000

DWELLINGS

(2637) 1660, 1670, 1680, 1661, 1671, 1680 Virginia Gardens, Berkeley. Sever 1½-story, 5-room frame dwellings and garages.
 Owner and Builder—B. Reininghaus, 117 El Camino Real.
 Architect—Not given. \$3500 ea

ADDITIONS

(2638) 2145 STUART, BERKELEY. Additions.
 Owner and Builder—A. F. Suetz, 40 Roanoke.
 Architect—Not given. \$1000

DWELLING

(2639) 4545 TOMPKINS AVE., OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—Harold A. Bacon, 1221 Parken St., Berkeley
 One-story garage, \$3000.
 Architect—Not given. \$3400

DWELLING

(2640) 2421 LEIMERT BLVD., Oakland. Two-story, 5-room dwelling.
 Owner—P. G. Fawke, 2500 Montanari Street.
 Contractor—W. H. Wisheropp, 2900 Carmel St.
 Architect—Irwin Johnson, 2219 7th Ave.
 \$7500

DWELLING

(2641) 5748 COLTON BLVD., OAKLAND. One-story, 5-room dwelling.
 Owner—H. S. Fedde.

Contractor—A. H. Nylander, 522 Haddon Road.
One-story garage, \$400.
Architect—Not given. \$4600

DWELLING
(2642) 1314 99th AVE., OAKLAND.
One-story, 6-room dwelling.
Owner—W. B. Griffith, 1350 99th Ave.
Contractor—C. W. Griffith, 1350 99th Avenue.
One-story garage, \$250.
Architect—Not given. \$4000

DWELLING
(2643) 9921 BURR ST., OAKLAND.
One-story, 4-room dwelling.
Owner—Pete Nizzoll, 1915 Pacific Ave., Alameda.
Contractor—D. J. Kint, 1909 Pacific Ave., Alameda.
Architect—Not given. \$3000

ALTERATIONS
(2644) 1519 FRANKLIN ST., OAKLAND. Alter.
Owner—Pac. Tel. & Tel Co., S. F.
Contractor—Lindgren & Swinerton, 1723 Webster St.
Architect—Not given. \$8300

ALTERATIONS
(2645) 1261 EUCLID, BERKELEY.
Alter and repair reservoir roof.
Owner—East Bay M. U. D., 512 16th St., Oakland.
Contractor—WPA.
Architect—Not Given. \$39,000

ALTERATIONS
(2646) 1724 OREGON, BERKELEY.
Alterations.
Owner—Berkeley Board of Education, 2325 Milvia.
Contractor—WPA.
Architect—Not Given. \$30,000

DWELLING
(2647) 1039 EVELYN Ave., ALBANY.
One-story 2-rm. frame dwelling.
Owner—Chas. S. Hubbard, premises.
Contractor—Lars Dybdahl, 945 33rd St., Richmond.
Architect—Not Given. \$1,500

ADDITIONS
(2648) 1045 SAN PABLO, ALBANY.
Additions.
Owner—Helen James, premises.
Contractor—W. J. Wheeler, 4001 Elston Ave., Oakland.
Architect—Not Given. \$2,000

OFFICE
(2649) 2121 ALLSTON WAY, BERKELEY. Two-story 14-rm. office and ptg. shop.
Owner and Builder—Lederer, Straet & Zeus, 2167 Center St.
Architects—Masten & Hurd, 442 Post St., San Francisco. \$30,000

DWELLING
(2650) 4794 REDDING ST., OAKLAND. One-story 5-rm. dwelling.
Owner and Builder—A. J. Flagg, 3743 Loma Vista Ave.
Architect—Not Given. \$2,500

DWELLING
(2651) 2014 CLEMENS ROAD, OAKLAND. One-story 8-rm. dwelling.
Owner & Builder—Karl S. Fredrickson, 1871 Tiffin Road.
Architect—Not Given. \$5,000

APARTMENTS
(2652) 4217-19-27-29 OAKMORE RD., OAKLAND. Two-story 20-room apartments.
Owner—R. Gaubert, 4206 Oakmore Road.
Contractor—Gaubert Brothers, 4735 Brookdale Avenue.
Architect—Not Given. \$20,000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
250	McPherson	Sharrer	4503
404	Texas Co	Aetna	3254
405	P G & E	Reid	15933
406	Flood	Fair	2346
407	S F S P C A	O'Mara	2080
408	S F S P C A	Central	1738

DWELLING
(250) LOT 9 Block 11, Cragmont, Berkeley. Frame dwelling.
Owner—Dr. H. A. McPherson.
Architect—Francis J. McCarthy.
Contractor—H. L. Sharrer.
Filed, Nov. 2, '38. Dated, Oct. 19, '38.
Foundations poured\$225.18
Frame up, roof on 900.70
Plastered 1125.87
Completed 1125.87
Usual 35 days 1125.88
TOTAL COST, \$4503.50
Limit, Feb. 1, 1939. Plans and specifications filed.

SERVICE STATION
(404) NE 39th AVE. and Balboa St.
Construction of service station except steel building, painting and landscaping.
Owner—The Texas Co., Hearst Bldg.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue.
Filed, Nov. 7, '38. Dated, July 20, '38.
Payment not given.
TOTAL COST, \$3,354.60
Bond, \$3,354. Sureties, Maryland Casualty Co. Limit, 10 days after steel bldg. complete; plans and specifications filed.

LIGHTING SYSTEM
(405) FRANKLIN ST. bet. Market and Bay Sts. Street lighting system.
Owner—P. G. & E. Co., 445 Sutter St.
Architect—Not Given.
Contractor—H. C. Reid & Co., 569 Clementina.
Filed, Nov. 7, '38. Dated, Nov. 1, '38.
Monthly payments of75%
Usual 35 days25%
TOTAL COST, \$15,993
Bond, \$15,993. Sureties, Glens Falls Indemnity Co. Limit, 60 days. Plans and specifications filed.

ANCHORING TANKS
(406) MARKET and Powell Streets (Flood Bldg.) Anchoring of masonry and tanks.
Owner—Flood Realty Company.
Engineer—H. J. Brunner, 612 Sharon Building.
Contractor—Fair Mfg. Co., 617 Bryant Street.
Filed and Dated, November 9, 1938.
Upon completion75%
Usual 35 days25%
TOTAL COST, \$2,346.00
Bond, \$2,346. Sureties, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

(407) NE 16th St. and Alabama.
Heating system for 2-story hospital building.
Owner—S. F. Society for Prevention of Cruelty to Animals, premises.
Engineer—C. Heller, 111 Sutter St.
Contractor—O'Mara & Stewart, Ltd., 218 Clara Street.
Filed, Nov. 9, '38. Dated, Nov. 7, '38.
Progress payments
TOTAL COST, \$2,080
Plans and specifications filed.

(408) ELECTRIC WORK on above building.
Contractor—Central Electric Co., 179 Minna Street.
Filed, Nov. 9, '38. Dated, Oct. 21, '38.
Progress payments
TOTAL COST, \$1,794
Plans and specifications filed.

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
251	P T & T	Lindgren	8236

ALTERATIONS
(251) 1519 FRANKLIN ST., Oakland. Alterations.
Owner—Pacific Tel. & Tel. Co.; 444 Bush St., San Francisco.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 615 Standard Oil Bldg., San Francisco.
Filed, Nov. 7, '38. Dated, Oct. 28, '38.
Monthly payments of 75%
40 days after 25%
TOTAL COST, \$8,236
Bond, \$8,236. Sureties, Pacific Indemnity Co. Limit, 40 days. Plans and specifications filed.

**SAN FRANCISCO COUNTY
PERMITS UNDER \$1000**

ALTER dwelling, \$500; 98 San Pablo Ave.; owner, Dr. E. H. Windler, premises; contractor, J. Prout, 2530 Fillmore St.
ALTER bakery and fountain, \$925; 720 Grant Ave.; owner, Mr. Sling, premises; contractor, Arnold Mfg. Co., 1693 Mission St.
ALTER funeral parlor, \$430; SW Divisadero and Post Sts.; owner, N. Gray & Co., premises; contractor, G. W. Peterson, Chancery Bldg.
BARBER pole, \$5; 600 Montgomery; owner, Pecernot & Silvatri, 600 Montgomery St.
ALTER dwelling, \$300; 1619 47th Ave. owner, Miss Barone, 1413 47th Ave.; contractor, Earl Roofing Co., 163 Downey.
ALTER manhole, \$150; 295 Bay St.; owner, Simmons Co., premises.
ALTER dwelling, \$250; 1746 Bush; owner, Edward O. Hess, prem.; contractor, S. F. Dal Porto, 4327 Geary Blvd.
ALTER dwelling, \$500; 1741-43 Jones St.; owner, Elizabeth Rabold, 50 Cerritos Ave.; contractor, Calif. Home Imp. Co., 393 9th St.
ALTER flats, \$620; 1350 Green St.; owner, Amado Mendoza, prem.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.
ALTER dwelling, \$500; 1021 California St.; owner, E. E. Henschler, 1021 Calif. St.; contractor, Carver-Niles Co., 1024 Clement St.
ALTER dwelling, \$200; 561 4th Ave.; owner, J. Dunlevy, prem.; contractor, Miller & McGillis, 4444 Geary Blvd.
SIGN, electric, \$250; 1708 Buchanan; owner, M. Miketti, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
FLUES, \$117; 1319 Steiner St.; owner, Stanley Sweigert, 1823 Steiner; contractor, Economy Furn. & Sheet Metal, 446 Fulton St.
SIGN, electric, \$300; 667 Monterey Blvd.; owner, Herman's Groceries, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER dwelling, \$150; 559 9th Ave.; owner, M. J. Bude, premises.
ALTER dwelling, \$700; 614-A Grove; owner, H. D. Graddon, premises; contractor, Calif. Home Imp. Co., 393 9th St.
ALTER dwelling, \$750; 2211 44th Ave. owner, Harold Hutchins, prem.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.
ALTER flats and apts., \$100; 1021 Divisadero St.; owner, Freeman & Harper, 1514 Larkin St.
FLUE, \$35; N Armstrong 50 W Lane; owner, Simon Mattress Co., 1777 Yosemite; contractor, Clawson Pat. Chimney Co., 84 Page St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Completing Plans
APARTMENTS Cost, \$25,000
 UKIAH, Mendocino Co., Calif.
 Two-story frame and stucco apartment and store building.

Owner—Paul W. Poulos, Ukiah.
 Architect—Clarence Caudins, Rosenberg Bldg., Santa Rosa.
 Plans will be completed shortly.

4—FACTORIES & WAREHOUSES

Sub Contracts Awarded
STORAGE BLDG. Cost, \$5600
 WATSONVILLE, Santa Cruz Co., Calif.

Construction of equipment storage bldg. (60x132 ft.), concrete walls, built up roof, tile partitions.

Owner—Clark Bros., Watsonville.
 Architect—Not given.
 Contractor—Ralph S. Friend, 309 Stanford St., Watsonville.
 Roofing—Ralph S. Friend, 309 Stanford St.
 Brick & Stone Work & Hollow Tile—E. J. Scholz, 141 Sudden St.
 Foundations & Concrete—Rhodes & Pleano.

Lumber—Hammond Lumber Co., Walker and Kearney Sts.
 Hardware—P. J. Frelemuth, 247 Main St.
 All of Watsonville. • 4

5—FLATS

Contract Awarded
FLATS Cost, \$25,000
 SAN FRANCISCO, NW Army and Alabama Sts.

Two two-story frame and stucco flat buildings.
 Owner—Antonio Florito, 1487 Alabama St.
 Architect—H. C. Baumann, 251 Kearny St.
 Contractor—George Wawner, 181 So. Park.

7—FEDERAL BUILDINGS

BIDS WANTED

HICKAM FIELD, T. H.—Until Dec. 2, 11 A. M., bids will be received by the Constructing Quartermaster, Captain John A. Hunt, Hickam Field, T. H., for construction of the Signal Corps Wing of the Administration Building at Hickam Field, T. H.

Plans and specifications may be obtained upon deposit of \$10 certified check payable to Finance Officer, U. S. Army, Honolulu, T. H.,

and are on file for examination in the Office of the Constructing Quartermaster, Fort Mason, Calif.

LOW BIDDERS

FORT LEWIS, Wash.—J. W. Bailey Const. Co., Insurance Building, Seattle, at \$83,300 submitted low bid to Constructing Quartermaster, Capt. E. J. Antonovich, Fort Lewis, for the construction of a hospital building at McChord Field.

Second low bid submitted by Western Const. Co., Seattle, at \$88,185.

CONTRACTS AWARDED

YERBA BUENA SHOALS.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at \$114,392 awarded contract for electrical work; Anderson & Rowe, 45 Belcher St., at \$13,205 awarded contract for plumbing work; and James A. Nelson, Inc., 1375 Howard St., at \$8,888 awarded contract for heating and ventilating work in the Federal Bldg. on Yerba Buena Shoals, by the U. S. Golden Gate International Exposition, George Creel, Commissioner, 200 Bush St., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—D. Zelinsky & Sons, Inc., 165 Grove St., at \$15,635, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior and exterior painting and repairs at the U. S. Custom House, San Francisco.

BIDS OPENED

YERBA BUENA SHOALS.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at \$114,392 for electrical work; Anderson & Rowe, 45 Belcher St., at \$13,205 for plumbing work; and Jas. A. Nelson, Inc., 1375 Howard St., at \$8,888 for heating and ventilating work submitted low bids to the U. S. Golden Gate International Exposition, Geo. Creel, Commissioner, 200 Bush St., San Francisco, for electric, plumbing and heating and ventilating work in the Federal Building, Yerba Buena Shoals.

Complete bids follow:

Electrical Work	
Alta Elec. & Mech. Co., Inc.	\$114,392
Chas. A. Langlais, Inc.	116,756
Radelfinger Brothers	118,333
Kenny Brothers	121,967
Abbett Electric Co.	135,606
E. J. Lynch Electric Co.	139,814
Spencer Electric Co.	149,539

Plumbing Work	
Anderson & Rowe	\$13,205
James A. Nelson, Inc.	13,640
O'Mara & Stewart, Ltd.	15,293
E. Sugarman	15,940
J. H. Pinkerton	16,000
Scott Co., Inc.	16,370

Heating and Ventilating	
James A. Nelson, Inc.	\$ 8,888
Scott Co., Inc.	9,173
E. Sugarman	10,344
Atlas Htg. & Vent. Co.	10,449
J. H. Pinkerton Co.	10,550
Herman Lawson Co.	10,726
Alta Elec. & Mech. Co.	11,900

BIDS OPENED

ONTARIO, Ore.—Ontario Sheet Metal Works, Ontario, Oregon, at \$1,985 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for lawn sprinkler system at the U. S. P. O., Ontario.

Only other bid submitted by Hawk Bros., Ontario, Ore., at \$2,222. 7

BIDS WANTED

ALAMEDA CO., Calif.—Until Nov. 23, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for foundations for shop at the Naval Air Station, Alameda, consisting of composite piling; concrete pile caps, struts, spandrel beams, and pedestals; and steel piles, Spec. No. 8609. Est. cost \$250,000.

Drawings and specifications obtainable from the above office and from the Commandant, 12th Naval District, Federal Office Building, Civic Center, San Francisco, upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks. (972) 1st rep. Nov. 4, 1938. • 7

BIDS WANTED

PEARL HARBOR, T. H.—Until Nov. 23, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for three turbo-alternators and accessories at the Navy Yard, Pearl Harbor, T. H. Spec. No. 9027. Est. cost \$400,000.

Specifications may be obtained from the above office and from the Commandant, Navy Yard, Pearl Harbor, T. H., upon deposit of \$5, payable to the Bureau of Yards and Docks.

CONTRACT AWARDED

SAN FRANCISCO.—Henry Ernst & Sons, 551 Hayes St., at \$6,700 awarded contract by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for heating and ventilating repairs at the U. S. P. O. and Court House, San Francisco.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 23, 10:30 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, S. F. and Vicinity, Fort Mason, for construction and completion of ten double company officers' quarters, five with No. 1 front entrances, and five with No. 2 front entrances and five double field officers' quarters, three with type No. 1 front entrances and two with type No. 2 front entrances at the Presidio of San Francisco. Est. cost \$474,000.

Plans and specifications may be obtained upon deposit of \$15 certified check payable to Finance Officer, Fort Mason, San Francisco.

BIDS WANTED

SAN DIEGO, Calif.—Until Dec. 8, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting exterior concrete, etc., at the U. S. P. O., at San Diego.

Specifications obtainable from the above office and from the Custodian of the Bldg., at San Diego. 7

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif.—John P. Ryan, 2001 Summer Street, Eureka, at \$4,750, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for heating repairs and plumbing at the U. S. P. O., at Eureka. 7

CONTRACT AWARDED

HONOLULU, T. H.—George E. Freltus, Honolulu, at \$7,400 awarded contract by the Procurement Division, Public Bldgs. Branch, Wash-

ington, D. C., for alterations to the 3rd floor of the U. S. P. O., at Honolulu. 7

BIDS OPENED
SAN FRANCISCO.—E. A. Cornely, Inc., 1452 Bush St., at \$408.92 submitted low bid and was recommended for award of contract by the Custodian, U. S. Marine Hospital, 14th Ave., and Lake St., S. F., for furnishing and installing low water cut outs for boilers.
 Complete bids were:
 E. A. Cornely, Inc., \$408.92.
 Burham Plumbing Co., \$449.
 A. Gibbs, \$540.

CONTRACT AWARDED
FORT CRONKHITE, Marin Co., Calif.—Alta Roofing Co., 976 Indiana St., San Francisco, at \$3,357 (Item 1) awarded contract by the War Dept., U. S. Engineer Office, S. F., for waterproofing on a fortification structure at Fort Cronkhite, Marin Co., Calif., Inv. No. 868-39-135.

CONTRACT AWARDED
FT. LEWIS, Wash.—Howard S. Wright & Co., 2210 2nd St., Seattle, Wash., awarded contract by the Army Dept., at \$518,792, for construction of N.C.O. quarters at McChord Field, Ft. Lewis. 7

BIDS WANTED
SAN FRANCISCO.—Until Nov. 23, 10:30 A. M., bids will be received by the War Department, Office of the Constructing Quartermaster, S. F. and Vicinity, Fort Mason, for construction and completion of ten double company officers' quarters, five with No. 1 front entrances, and five with No. 2 front entrances and five double field officers' quarters, three with type No. 1 front entrances and two with type No. 2 front entrances at the Presidio of San Francisco.
 Plans and specifications may be obtained upon deposit of \$15 certified check payable to Finance Officer, Fort Mason, San Francisco.

BIDS WANTED
FORT LEWIS, Wash.—Until Nov. 30, 11 A. M., bids will be received by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for constructing one 250-men barracks at Fort Lewis.
 Plans and specifications obtainable from Capt. Antonovich upon deposit of certified check for \$40.00.

Site Selected
POSTOFFICE Cost, \$.....
BELLFLOWER, Los Angeles Co., Cal. South side of Flower Avenue bet. Bellflower Blvd. and Ardmore. United States post office. Owner—United States Government. Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

BIDS WANTED
SALEM, Ore.—Until Nov. 18 (postponed from Nov. 1), bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system, at the U. S. P. O. at Salem. 7

BIDS WANTED
SAN DIEGO, Cal.—Until Dec. 8, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting exterior concrete, etc., at the U. S. P. O. at San Diego.
 Specifications obtainable from the above office and from the Custodian of the building at San Diego. 7

BIDS WANTED
SPOKANE, Wash.—Until Nov. 22, 10 A. M., bids will be received by the Director of Highways at Olympia, Wash., for construction of an addition to shop building and construction of a paint and carpenter shop building for District Headquarters, Spokane, Wash.

Separate bids will be received for General Construction, Plumbing and heating and electrical wiring. Est. cost, \$56,000.

Plans and specifications may be obtained from the Director of Highways upon deposit of \$2. (966) 7

BIDS WANTED
GRAND JUNCTION, Colo.—Until Nov. 18, 1 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Wash., D. C., for elevators in the U. S. P. O., and Court House at Grand Junction, Colo.

Specifications obtainable from the above office. 7

BIDS WANTED
ALAMEDA CO., Calif.—Until Nov. 23, bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for construction of foundation for shop building at the Naval Air Station, Alameda; Spec. 8609. Est. cost \$250,000.

BIDS OPENED
FORT CRONKHITE, Marin Co., Calif.—Following bids were received by the War Department, U. S. Engineer Office, 401 Custom House, San Francisco, for (1) furnishing in place 263 squares asphalt impregnated cotton fabric membrane waterproofing and (2) 263 squares of 3-ply rag felt and asphalt membrane waterproofing in place on a fortification structure at Fort Cronkhite, Inv. No. 868-39-135.

Alta Roofing Co., 976 Indiana St., S. F., (1) \$3,357 (2) \$1,634.
 Jack Johnson Roofing Co., S. F., (1) \$1,346.50 (2) \$1,315.
 J. W. Bender Roofing Co., S. F., (1) \$3,600.47 (2) \$1,814.70.
 Conrad B. Sovig, \$3,482.

BIDS WANTED
SAN DIEGO, Calif.—Until Nov. 16, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for eight moorings consisting of concrete platforms supported by precast concrete cylinders on wood piles at the Naval Operating Base, San Diego, Spec. 8908.

Drawings and specifications may be obtained from the above office and from the Commandant, Naval Operating Base, San Diego, upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED
SACRAMENTO AIR DEPOT, Cal.—Harry Gunther, Sacramento, at \$7-791 submitted low bid to the War Department, Constructing Quartermaster, Sacramento Air Depot, for construction and completion of Garage Buildings at the Air Depot; Spec. No. 223-E.

Complete bids follow:
 Harry Gunther, Sacramento...\$ 7,791
 Holdener Const. Co., Sacto..... 8,352
 A. C. Anderson, S. F..... 9,074
 Adam Arras & Sons, S. F..... 10,230

8— CLUB BUILDINGS

Planned
CLUB BLDG. Cost, \$125,000
SACRAMENTO, Calif. 1415 L Street. One-story reinforced concrete building of modernistic design to contain 14 bowling alleys and 12 billiard tables.
 Owners and Builders — Walter W. Campbell and Geo. C. Foss, 1720 8th St., Sacramento.
 Lessess—R. F. and C. G. Amacker and C. C. Pierce.
 Construction will start immediately after demolition of house and garage on the site.

9— HOSPITALS

CONTRACT AWARDED
VENTURA COUNTY, Calif.—Hansen & Izer, 1276 E Main St., Ventura, awarded contract by the Ventura County Supervisors at \$38,665 (subject to PWA approval) for construction of nurses' quarters at Ventura county hospital. Award was based on bid of \$41,620, with deductions totaling \$2955 for alternates 1 and 2. Harold E. Burkett, architect, 468 E. Main St., Ventura. 9

BIDS OPENED
PEDWOOD CITY, San Mateo Co., Calif.—O'Neill & Cowell, R. C., at \$2,095, 27-30 days, submitted low bid to the County of San Mateo, for painting the community hospital nurses' home, tuberculosis pavilion and power house.
 Complete bids follow:
 O'Neill & Cowell, \$2,095.
 Pacific Painting & Decorating Co., \$2,450.
 Elmer Tillman, \$3,074.50.
 Stanley Ames, \$3,632.
 Killelea & Anderson, \$3,672.
 Eugene Walter, \$3,967.
 H. Kosterman & Son, \$5,469.

BIDS WANTED
SAN FRANCISCO—Until Nov. 23, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of the Gate Lodges at San Francisco Hospital, 22nd St. and Potrero Ave. Est. cost, \$13,500.
 Separate bids will be received for the general construction, mechanical equipment, plumbing and electrical work.
 Specifications obtainable from City Architect Chas. H. Sawyer, Room 265 City Hall, upon deposit of \$10. 7 9

10— HOTELS

Planned
MOTEL
FRESNO, Fresno Co., Calif., Golden State Highway and West Olive Ave.
 Fifty-room tile and stucco building with attached garages, coffee shop, tavern, air conditioning equip., swimming pool, tennis, hadmlinton and croquet courts, etc.
 Owner—Rufus A. Phillips, Fresno. Architect—Not given.
 Construction will start within a few weeks on the initial unit and other units will be added later.

13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS

Bids Wanted—To Close Nov. 23, 10 A. M.
HALL OF JUSTICE Est. cost, \$296,100
BERKELEY, Ala. Co., Calif., rear of present City Hall.
 Three-story, reinforced concrete po-

lice administration building to contain accommodations for the police department, courtroom, cell blocks, laboratory, police training school quarters, probation officials offices, interview rooms, radio broadcast station, etc.

Owner—City of Berkeley, City Manager Hollis R. Thompson.

Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the Council Chambers, City Hall, Berkeley. (6163) 1st rep. July 20; 4th, Oct. 6, 1938. * 13

BIDS OPENED

SAN FRANCISCO—San Francisco Elevator Co., Inc., 860 Folsom St., at \$186.50 submitted low bid to the Dept. of Public Works, City Hall, for altering the cell automatic elevator at the County Jail.

Complete bids were:

S. F. Elev. Co.	\$186.50
Otis Elev. Co.	233.80
Westinghouse Electric Elevator Co.	246.20

Bids Opened

STATE OFFICE BLDG. No. 3 SACRAMENTO, Sacto Co., Calif., M St., bet. 10th and 11th Sts.

Erection and completion of five-story and basement reinforced concrete State Office Bldg. No. 3, covering a ground area of approx. 150 ft. 0 in. by 315 ft. 0 in., to contain its own heating and air conditioning system. Pile foundations, pile caps and rough concrete basement slab have been installed under separate contracts.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacto.

Low Bidder—Campbell Constr. Co., 800 R St., Sacto., \$707,344.

M. R. Carpenter, 907 Front St., Sacramento, at \$133,146 for heating and air conditioning and \$45,417 for plumbing; Roy M. Butcher, 1020 Sherwood St., San Jose, at \$83,371 for electrical and Westinghouse Electric Elevator Co., 1 Montgomery St., S. F., at \$78,150 for elevators.

Complete bids follow:

General Construction

Cambell Constr. Co., Sacto, \$707,344. Alt. (1) deduct \$750.

Lindgren & Gwinerton, Inc., S. F., \$712,889. (1) \$800.

H. Maxson, L. A., \$714,416. (1) \$350.

McDonald & Kahn Co. Ltd., S.F., \$717,717. (1) \$300.

K. E. Parker Co., S. F., \$727,840. (1) \$300.

Clinton Constr. Co., S. F., \$758,700. (1) \$1200.

Eaton & Smith, S. F., \$769,000. (1) \$300.

George A. Fuller Co., L. A., \$775,000. (1) \$500.

Electrical Work

Roy M. Butcher, San Jose, \$83,371.

Reliable Electric Works, Sacramento, \$87,284.

Scott Buttner Electric Co., Oakland, \$88,865.

George C. Foss, Sacto., \$89,388.

Luppen and Hawley, Inc., Sacto., \$89,916.

Moore Electric Co., L. A., \$93,428.

Abbett Electric Co., S. F., \$103,404.

Plumbing

M. R. Carpenter, Sacto., \$45,417.

Luppen & Hawley, Inc., Sacto., \$54,350.

Hateley and Hateley, Sacto., \$55,138.

Heating and Air Conditioning

M. R. Carpenter, Sacto., \$133,146.

J. Herman Co., L. A., \$153,880 (includes telegraphic deductions of \$2,000).

Alta Electric and Mechanical Co., San Francisco, \$154,000.

Hateley and Hateley, Sacto, \$158,436.

Luppen and Hawley, Inc., Sacto, \$158,666.

Herman Lawson Co., S. F., \$167,233.

Elevators

Westinghouse Electric Elevator Co., San Francisco, \$78,150.

Otis Elevator Co., S. F., \$82,517.

Pacific Elev. and Equip Co., S. F., \$84,250.

(850) 1st rep. July 21; 2nd, Oct. 12, 1938.

Bids Opened

ADDITION

SANTA CRUZ, Santa Cruz Co., Cal. 64 Church Street.

Addition to City Hall Bldg. and Police Garage, including all necessary equipment and ground improvements.

Owner—City of Santa Cruz (S. A. Evans, City Clerk).

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Following segregated bids received:

Paving Work

Nielsen & Erbenraut, San Jose \$1,371

F. C. Stolte Co., Pacific Grove, 1,940 Stone Walls

Nielsen & Erbenraut, \$1,619

F. C. Stolte Company, 4,290

Frank Hiar, Watsonville, 4,323

Sprinkling System

Nielsen & Erbenraut, \$940

F. C. Stolte Co., 940

Furniture

Leask Co., Monterey.

No bids were received for landscaping. Work will be re-advertised.

BIDS WANTED

YERBA BUENA SHOALS—Until Nov. 25, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Building, 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for electrical work for the Floriculture Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Award Recommended

ADDITION

REDWOOD CITY, San Mateo Co., Calif.

Two-story addition to present city hall.

Owner—City of Redwood City.

Architect—Jas H. Mitchell, 369 Pine St., San Francisco.

Low Bidder—Frank J. Reilly Co., 6250 Fulton St., San Francisco.

Recommendation made to PWA that contract be awarded the low bidder at \$77,631, which includes deduction of \$1,200, alternate proposal for rock in lieu of metal lathing and plastering.

Award Recommended

LIBRARY

REDWOOD CITY, San Mateo Co., Calif.

Construction of new 1-story library building on property adjoining to the City Hall.

Owner—City of Redwood City.

Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Low Bidder—G. W. Williams Co., 10

California Drive, Burlingame.

Recommendation made to PWA that contract be awarded the low bidder at \$63,190, which includes deduction of \$300 and \$300, alternate proposals for rock in lieu of metal lathing and plastering and bronze Kalamein doors in lieu of bronze doors.

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison Street, San Francisco, at \$103,675 awarded following sub-contracts for construction of the Southern Counties Bldg.: San Joaquin Valley Bldg.; Alta California Bldg., and Mission Trails wall on Yerba Buena Shoals:

Mill Work—Pacific Mfg. Co., Santa Clara.

Roofing—Malott and Peterson, 2412 Harrison St., San Francisco.

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison Street, San Francisco, at \$195,405 awarded following sub-contracts for construction of the California Coliseum, Live stock Barn on Yerba Buena Shoals: Glass—Habenicht and Howlett, 529 Clay St., San Francisco.

Roofing—J. W. Bender Roofing and Paving Co., 1999 Bryant St., San Francisco.

Plastering—Peter Bradley, 639 Branman Street.

CONTRACT AWARDED

SAN FRANCISCO—Lacquer Floor Service Co., 42 9th St., at \$127.50 was awarded contract by the Department of Public Works, City Hall, for lacquering linoleum floor of Juvenile Room at Richmond Branch Library.

CONTRACT AWARDED

SAN FRANCISCO—Lacquer Floor Service Co., 42 9th St., at \$127.50 was awarded contract by the Department of Public Works, City Hall, for lacquering linoleum floor of Juvenile Room at Richmond Branch Library.

CONTRACT AWARDED

SAN FRANCISCO—Lacquer Floor Service Co., 42 9th St., at \$127.50 was awarded contract by the Department of Public Works, City Hall, for lacquering linoleum floor of Juvenile Room at Richmond Branch Library.

BIDS OPENED

YERBA BUENA SHOALS—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$42,780 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, 660 Market Street, San Francisco, for general construction of the Recreation Building on Yerba Buena Shoals.

Complete bids follow:

Fred J. Early, Jr., S. F., \$42,780

D. W. Nicholson, Oakland, 44,396

Louis C. Dunn, San Francisco 46,500

MacDonald & Kahn Co., S. F. 49,475

Barrett & Hilp, San Francisco 51,649 (882) 1st report Oct. 20, 1938. * 13

BIDS OPENED

SAN FRANCISCO—Aristo Painting Co., 473 Bryant St., at \$3,173 submitted low bid to the San Francisco Public Utilities Commission, City Hall, under Municipal Railway Contract No. 150 for painting the 17th Street car house near Mariposa St., San Francisco.

Complete bids follow:

Aristo Painting Co., \$3,173

American Bldg. Maintenance Co., 3,638

R. P. Paoli & Co., 3,860

A. E. Gordon Painting Co., 3,877

J. H. Mohr, Inc., 3,996

A. Quandt & Sons, 4,390

Contract Awarded

SPRINKLER SYSTEM

CONTRACT Price, \$24,500

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Automatic sprinkler system (Fine Arts Addition to East Hangar); Contract No. 1183.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Grinnell Co., 601 Branman St., San Francisco.

Contracts Awarded
HALL OF RECORDS
MODESTO, Stanislaus County, Calif.
 Present Courthouse site.
 Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories and one wing of 1-story; continuous windows standing between columns; water cooled roof; interior demountable partitions. The building is designed for future expansion and will house county departments and hall for board of supervisors.

Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.
Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
 Following contracts awarded subject to approval of the PWA.
General Work—Dinwiddie Const. Co., Inc., 210 Crocker Building, San Francisco, \$106,500.
Aluminum—Kinnear Mfg. Co., 361 Brannan St., San Francisco, \$2,990.

Floor Covering—West Coast Linoleum & Carpet Stores, 2703 Mission St., San Francisco, \$3,100.
Elevator—Otis Elevator Co., 1 Beach St., San Francisco, \$10,926.

Contract Awarded
EXHIBIT BLDGS. Cont. Pr., \$62,394
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 General construction of the Latin-American Group; Contract No. 219.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Barrett & Hupp, 918 Harrison St., San Fran'isco.

Contract Awarded
PALACE AND FIRE HOUSE
 Contract Price, \$206,556
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Palace of Fine Arts and Fire House No. 1; Contract No. 118-1.
Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Guy F. Atkinson Company, 662 Russ Bldg., San Francisco.

Sub Contract Awarded
CITY HALL. Cont. Price, \$84,000
SAN LEANDRO, Alameda Co., Calif.
 East Fourteenth Street.
 Part 1- and 2-story reinforced concrete City Hall, firehouse and jail (150x300-ft.)
Owner—City of San Leandro (E. F. Hutchings, City Clerk).
Architect—Irwin M. Johnson, 2219 Seventh Ave., Oakland.
Contractor—Geo. Petersen, 1841 Bancroft Ave., San Leandro.
Excavating—J. Caticuel, 1212 18th Avenue, Oakland.

Reinforcing Steel—Herrick Iron Wks 1729 Campbell St., Oakland.
Roofing & Dampproofing—Steiner Bros., Roofing Co., 1100 Foothill Blvd., Oakland.
Masonry—Harold B. Peterson, 1605 Lafayette St., Alameda.
Sheet Metal—George Goodman Sheet metal Works, 1075 40th Street, Oakland.
Steel Windows—Ceco Steel Products Corporation.
Plastering & Lathing—Conrad Rasmussen, 5908 Alhambra Street, Oakland.
Terrazo—Oakland Concrete & Ter-

razzo Co., 2227 Market Street, Oakland.
Title Work—Rigney Tile Co., 3012 Harrison Street, Oakland.
Vault Doors—Hermann Safe Co., 200 Howard St., San Francisco.
Glass & Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Linoleum—H. G. Lorentzen Co., 608 16th Street, Oakland.

BIDS WANTED
MODESTO, Stanislaus Co., Calif.—Until Nov. 15, 10:30 A. M., bids will be received by the Board of Supervisors of Stanislaus County, C. C. Eastin, Clerk, for heating and air-conditioning, plumbing, and electrical work for construction of Unit No. 1 of Stanislaus County Courthouse.
 Plans and specifications may be obtained from the County Clerk upon deposit of \$100, returnable.
 Bids must be accompanied by certified or cashier's check for 10% of bid and will be opened at 11 A. M., Nov. 15 in the Board Room, Courthouse, Modesto. * 13

SUB CONTRACTS AWARDED
YERBA BUENA SHOALS, Calif.—Clinton Constr. Co., 923 Folsom St., San Francisco, awarded the following sub contracts for construction of the Auditorium Building on Yerba Buena Shoals:
Misc. Iron—Fair Mfg. Co., 617 Bryant St.
Steel Windows—Detroit Steel Products Co., 111 Sutter St.

Contract Awarded
RESIDENCE. Cost, \$20,000
SAN FRANCISCO. S Sea Cliff 400 W El Camino Del Mar.
 Two-story and basement frame residence.
Owner—Felix Kahn, 200 Walnut St.
Architect—Farr & Ward, 68 Post St.
Engineer—T. F. Chace, Phelan Bldg.
Contractor—D. B. Gladstone, 557 Market Street.

Sub Contract Awarded
CITY HALL. Cont. Price \$84,000
SAN LEANDRO, Alameda Co., Calif.
 East Fourteenth Street.
 Part 1- and 2-story reinforced concrete City Hall, firehouse and jail (150x300-ft.)
Owner—City of San Leandro, (E. F. Hutchings, City Clerk).
Architect—Irwin M. Johnson, 2219 Seventh Ave., Oakland.
Contractor—Geo. Petersen, 1841 Bancroft Ave., San Leandro.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
 Complete sub contracts published Nov. 7, 1938.

Contract Awarded
EXHIBIT BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Singer Sewing Machine, exhibit bldg.
Owner—Singer Sewing Machine Co.
Architect—Bliss & Fairweather, Hohart Bldg., San Francisco.
Contractor—H. S. Meinberger, 956 Folsom St., S. F.

LOW BIDDER
SANTA MONICA. L. A. County, Calif.—Cambrell & Kelly, 253 South Broadway, L. A., submitted the low general bid to the City of Santa Monica at \$169,940, for construction of a new city hall on Olympic Blvd., bet. 4th and Main Sts. Donald B. Parkinson and Joe M Estep, architects. 13

Work Underway
MEMORIAL HALL. Cont. Pr., \$65,994
REDDING, Shasta Co., Calif.
 Veterans' Memorial Building.
Owner—County of Shasta (Errol A.

Yank, Clerk).
Architect—Masten & Hurd, 442 Post St., San Francisco.
Contractor—Adam Arras and Sons, 4005 18th St., San Francisco.

LOW BIDDER
LOS ANGELES, Cal.—R. J. Daum, 6803 West Blvd., Inglewood, submitted low bid to the Los Angeles Board of Library Commissioners at \$40,500 for construction of a branch public library at 256 W 70th St., a PWA project. Henry F. Withey, architect, 407 S. Western Avenue. 13

Plans Completed
DETENTION HOME. Cost, \$100,000
EUREKA, Humboldt Co., Calif.
 Construction of new detention home and welfare building.
Owner—County of Humboldt (Fred M. Kay, County Clerk).
Architect—Frank T. Georgeson, 537 G St., Eureka.

Bids are now being received until Nov. 14, 11 A. M., and will be opened at 11:15 A. M. of that date in the Supervisors' Room for demolition, e'tc., work on the site.

SUB-CONTRACTS AWARDED
CONCORD, Contra Costa Co., Cal.—J. Hianson, Concord, awarded the following subcontracts for construction of a fire house at Concord for the Mt. Diablo Fire Protection District:
Roofing—Mastercraft Roofing Co., Richmond.
Plumbing, Heating and Sheet Metal & Hardware—P. Keller Co., 2068 Salvio St., Concord.
Electric Wiring—Concord Elec. Shop, Concord.

Title Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Glass—East Bay Glas Co., 621 6th St., Oakland.
Lumber—Diamond Match Co., Concord.
Mill Work—Redwood Mfg. Co., Pittsburg.
Painting—Jos. J. Burdon, 257 15th St., Richmond.
Lathing and Plastering—E. Blade, Concord.
Reinforcing Steel—Herrick Iron Wks 1729 Campbell St., Oakland.
Structural Steel—Independent Iron Works, Ltd., 821 Pine St., Oakland.

Planned
CITY HALL. Cost, \$300,000
RENO, Nevada.
 Construction of new city hall bldg.
Owner—City of Reno, Nevada.
Architect—Not given.
 PWA grant of \$139,000 together with funds on hand will finance construction.
 A meeting of the city council has been called to select a site for the proposed new city hall.

BIDS WANTED
YERBA BUENA SHOALS—Until Nov. 25, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 680 Market St., San Francisco, and publicly opened and read in Rm. 415 of said building, for General Construction of the Press Building, on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of 25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Sub Contracts Awarded

CIVIC BLDGS. Cont. Price, \$41,300
KING CITY, Monterey Co., Calif.
 Construction of reinforced concrete library building and city hall to be central unit of eventual group to include firehouse and jail.
 Owner—City of King City.
 Architect—Robt. Stanton, Del Monte Hotel, Del Monte.
 Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove.
Roofing—County Roof Service, 330 Market St., Sallinas.
Plumbing, Heating & Sheet Metal—Underwood & Eillis, 29 W. San Luis, Sallinas.
Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Window Shades—Rudolph's Furniture Store, Pacific Grove.
Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos St., San Jose.
Mill Work—Southern Pacific Milling Co., 206 Sansome St., S. F.
Painting—F. Morris, King City.

Contract Awarded
EXHIBIT
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Mining Exhibit Building; Treasure Mountain; Show workings of mines, etc.
 Owner—California Commission for the Golden Gate Exposition.
 Consulting Architect—Mark Daniela, 101 Post St., S. F.
 Contractor—Lindgren & Swinerton, 225 Bush St., S. F.
Electric Wiring—Chas. A. Langlals, 472 Tehama St., S. F.

Award Approved
CITY HALL. Cont. Price, \$86,550
MARYSVILLE, Yuba Co., Cal. SW corner of Sixth and C Streets.
 Two-story Class B City Hall building (13,800 sq. ft. of floor space), to contain city offices and city jail and furnishing and installing of jail equipment in same building.
 Owner—City of Marysville, (Chester O. Gates, City Clerk).
 Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
 Contractor—Taber & Higgins, P. O. Box 708, Oroville.

Award Approved
LIBRARY. Cont. Price \$68,190
REDWOOD CITY, San Mateo Co., Calif.
 Construction of new 1-story library building on property adjoining to the City Hall.
 Owner—City of Redwood City.
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
 Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

Award Approved
ADDITION. Cont. Price, \$77,631
REDWOOD CITY, San Mateo Co., Calif.
 Two story addition to present city hall.
 Owner—City of Redwood City.
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
 Contractor—Frank J. Reilly Co., 6350 Fulton St., San Francisco.

BIDS WANTED

CASTAIC, Los Angeles Co., Calif.—Until Nov. 29, 2 P. M., bids will be received by the Los Angeles County Supervisors for general construction, including plumbing, heating, refrigeration and electric work for miscellaneous structures to be built at the new county prison farm on the Dunn ranch, near Castaic; Spec. No. 487. 13

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Western Asbestos Co., 675 Townsend St., San Francisco, submitted low bid and was awarded contract by the City of Vallejo, for acoustical treatment of the Council Chamber in the City Hall, Vallejo.
 Only other bid submitted by Van Arsdale Harris Co., S. F., at \$1,030 which was not considered due to irregularity in bid.

14— RESIDENCE

Construction Underway
RESIDENCE
ORINDA, Ala. Co., Calif.
 One-story frame and stucco residence; hardwood floors, tile baths, etc.
 Owner—J. C. Minor.
 Architect—F. L. Confer, Claremont Hotel, Berkeley.
 Contractor—R. F. Johnson & Son, 560 36th St., Richmond. * 14

Contract Awarded
RESIDENCE Cost, \$9000
SAN FRANCISCO, SW Lansdale Ave., 551 ft. NW Globe Alley.
 Two-story and basement frame residence.
 Owner—F. M. Hohwiesner, c/o Arch. Architect—Albert H. Larsen, 333 Kearny St.
 Contractor—C. I. Wold Const. Co., 4412 Fulton St.

Contract Awarded
RESIDENCE Cost, \$12,000
SAN JOSE, Santa Clara Co., Calif.
 Two-story frame residence (7 rms.)
 Owner—William F. Hayward, Santa Clara.
 Architect—Not Given.
 Contractor—G. M. Latta, 157 Rhodes Court, San Jose. 14

Contract Awarded
RESIDENCE Cont. Price, \$8,734
GRIDLEY, Butte Co., Calif.
 One-story frame residence (9 rooms) hardwood floors, tile baths, etc.
 Owner—Mr. Freudenthal, c/o Architect.
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.
 Contractor—Fred Wickman, Gridley.

Contract Awarded
RESIDENCE
HILLSBOROUGH, San Mateo Co.
 Two - story frame and shingle residence (9 rooms), gas fired, forced hot air heating, hardwood floors, tile baths, wood sash, etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Avenue, Burlingame.
 Contractor—Herman T. Holahcr, 325 Elm St., San Mateo.

Work Underway.
RESIDENCE Cost, \$6,000
STOCKTON, San Joaquin Co., Calif.
 One - story frame and brick veneer residence (hardwood floors, tile baths, etc.)
 Owner—Withheld.
 Architect—E. W. Johnson, 931 N El Dorado St., Stockton.
 Contractor—E. Merlo, Rt. 2, Box 232, Stockton. 14
 (1004)

15— SCHOOLS

BIDS OPENED
ROSCOE, Los Angeles Co., Calif.—George Mitty, 122 S. Avenue 20, Los Angeles, submitted low general bid to Los Angeles Board of Education at \$4,800 for construction of a one-story classroom building at the Roscoe school, 8039 San Fernando Road, Roscoe, a PWA project. George M. Lindsey, architect, 6305 Yucca St.,

Hollywood; E. L. Ellingwood, mechanical engineer; Holmes & Narver, structural engineer. 15

Sub Contracts Awarded

SCHOOL. Cont. Price, \$6,900
SAN CARLOS, San Mateo Co., Calif.
 Chestnut St. N of Aroyo Ave.
 Addition of classrooms and auditorium building at San Carlos Central Grammar School.
 Owner—San Carlos Elementary School District (H. O. Walters, Clerk).
 Architect—Thos. M. Edwards, No. 9, Geary St., San Francisco.
 Contractor—J. B. Allen, 1315 San Carlos Ave., San Carlos.
Roofing—R. L. Reeves Roofing Co., 721 El Camino Real, P. O. Box 27, San Carlos.
Plumbing—Wm. J. Scott, P. O. Box 27, San Carlos.
Electric Wiring—Medley Electric Co., 1163 Broadway, Burlingame.
Heating—A. M. Harrison, 6236 Mission St., Daly City.
Sheet Metal—Gaffigan Sheet Metal Works, 309 8th Ave., San Mateo.
Tile Work—Buthmann Tile Co., 1028 El Camino Real, San Carlos.
Glass—W. P. Fuller & Co., 301 Mission St., S. F.
Hardwood Floors—White Oak Floor Co., 450 Lincoln Ave., Redwood City.
Lumber—Progress Lumber Co., Charter St., Redwood City.
Mill Work—Lannon Bros. Mfg. Co., 6th and Magnolia Sts., S. F.
Hardware—Lee Hardware Co., Inc., 151 New Montgomery St., S. F.
Painting—O'Neill and Cowell, S. F.
Lathing & Plastering—James Patt, 147 10th St., S. F.

BIDS OPENED

WILLIAMS, Ariz.—Until Nov. 28, bids will be received by the Williams School District for a new three-story grammar school building to be built in Williams, a PWA project. Orville A. Bell, architect, Heard Building, Phoenix. 15

Sub Contracts Awarded

HIGH SCHOOL. Cont. Price, \$237,107
CORCORAN, Kings Co., Calif.
 Construction of high school plant, including assembly bldg.
 Owner—Corcoran Union High School District, (T. H. Brown, Clerk).
 Architect—H. L. Gogerty, 6272 Yucca St., Hollywood.
 Contractor—W. W. Petley, 1426 S. La Brea Ave., L. A.
Plumb.—Traverse-Riddell, Inc., 3014 W. Vernon, L. A.
Electric Wiring—Coast Electrical Co., 1631 Pacific Ave., L. A.
Heating—General Air Conditioning Corp., 1614 E. 15th St., L. A.
Sheet Metal—W. & M. Sheet Metal Works, 5811 1/2 N. Figueroa Street, Los Angeles.
Tile Work—Premier Tile & Marble Co., 1321 Huntington Drive, So Pasadena.
Glass—W. P. Fuller & Co., 1246 Fulton St., Fresno.
Hardwood Floors—Wm. R. Scull Co., 169 N. La Brea, L. A.
Grading—Merle Soules, P. O. Box 476, Tulare.
Lumber—King Lumber Co., Box 1554 Bakersfield.
Mill Work—Fresno Planing Mill Co. H and Monterey Sts., Fresno.
Painting—H. Wasserman, 424 North Crescent Heights Blvd., L. A.
Lathing & Plastering—Thomas, S. Thomsen, 6035 Venice Blvd., Los Angeles.

Sub Contracts Awarded

ADDITION. Cont. Price, \$125,88
WOODLAND, Yolo Co., Calif.
 New 2-story annex addition to the Woodland High School.

Owner—Woodland High School District.

Architects—Dragon & Schmidts, 2068 Alston St., Oakland.

Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Reinforcing Steel & Steel Pans—Soule Steel Co., 1750 Army St., San Francisco.

Blackboards—Rucker-Fuller Co., 539 Market St., S. F.

Electric Work—Roy M. Butcher, 1020 Sherwood St., San Jose.

Plumbing, Heating, Sheet Metal and Finish Hardware—Woodland Plumbing and Hardware Co.

Window Hardware—Universal Window Co., 950 Parker St., Berkeley.

Glass—W. P. Fuller & Co., 1013 12th St., Sacramento.

Structural Steel & Misc. Iron—Independent Iron Works Ltd., 821 Pine St., Oakland.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Plastering—James Patt, 33 Day St., San Francisco.

Metal Screens—Roll-Away Window Screen Co., Ltd., 8th and Carlton Sts., Berkeley.

Linoleum—Panhandle Carpet and Linoleum Co., 773 Divisadero St., San Francisco.

LOW BIDDERS

LOS ANGELES, Cal.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, submitted low general bid to Los Angeles Board of Education at \$102,900 for construction of a classroom building and a 2-unit shop building at the Bret Harte Jr. high school, 9301 S. Hoover St., a PWA project. Walter E. Erkes, architect, 1211 Rives-Strong Bldg.; C. J. Derrick, structural engineer; Robert Storms and Clayton T. Gibbs, mechanical engineer. 15

Bids Wanted—To Close Nov. 18, 1:30 P. M.

ADDITION Cost, \$15,000
KETTLEMAN CITY, Kings Co., Cal. Addition to grammar school (frame construction).

Owner—Kettleman City Elementary School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans and specifications obtainable from the architect's office.

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 21, 2 P. M., bids will be received by the Los Angeles Board of Education for the construction of a one-story reinforced concrete assembly building at the Washington Irving Junior High school, 3301 Marguerite St., a PWA project. Separate bids will be taken on the general work, plumbing, heating and ventilating, electric wiring and painting. Edwin Bergstrom is the architect; Laurence J. Waller, structural engineer; E. L. Ellingwood, mechanical engineer; Donald P. Loye, acoustical engineer. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 18, 2 P. M., bids will be received by the Los Angeles Board of Education for the construction of an auditorium building (including demolition of old auditorium) at the John Adams Jr. high school, 151 W. 30th St., a PWA project. Separate bids will be taken on the general work, plumbing, heating and ventilating, electric wiring and painting. Est. cost, \$96,250. T. C. Klister, architect, 412 Architects' Bldg.; Wm. T. Wright, structural engineer; E. L. Ellingwood, mechanical engineer; Donald P. Loye, acoustical engineer. 15

Contract Awarded

ADDITION Cont. Price, \$26,700
BRISBANE, San Mateo Co., Calif. Frame and stucco addition to grammar school.

Owner—Visitation Elementary School District, Ethel Jonas, Clerk.

Architect—Thomas M. Edwards, No. 9 Geary St., S. F.

Contractor—John E. Branagh, 116 Monticello Ave., Piedmont.

CONTRACT AWARDED

BERKELEY, Ala. Co., Calif.—Bay Cities Asbestos Co., Ltd., Fifth Ave. and 12th St., Oakland, at \$948.65, awarded contract by the Berkeley Board of Education for re-roofing the deck of the roof garden and re-flashing around the parapet walls of the east and west wings of the Academic Bldg., at Berkeley High School.

BIDS WANTED

POMONA, Los Angeles Co., Cal.—Until Nov. 16, 4 P. M., bids will be received by the Pomona City High School District for two classrooms to be added to the Fremont Jr. high school in Pomona, a PWA project. Plans and specifications may be obtained at the office of the business manager of the school, 650 E. Holt Ave., Pomona, upon deposit of \$25. Certified or cashier's check or bond for 5% required. Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena. 15

Bids Opened

ADDITION
REDWOOD CITY, San Mateo Co., Calif. Middlefield Road.

Addition to Garfield School (2 classrooms).

Owner—Redwood City Elementary School District (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, Room 1104, 9 Geary St., San Francisco.

Low Bidder—M. E. Vukicevich, 666 Mission St., San Francisco, \$9,873

Recommendation made to PWA that contract be awarded the low bidder.

Complete bids follow:
M. E. Vukicevich, S. F. \$ 9,873
City 10,450
Frank J. Reilly Co., S. F. 10,821
L. M. Duncan, Redwood City, 10,826
Alfred J. Hopper, S. F. 10,968
William Martin, San Francisco 10,961
J. E. Branagh, Piedmont 11,279
Chas. J. Pedersen, San Mateo 11,280
Carlen Const. Co., S. F. 11,484
Webster Jeffers, S. F. 11,670

Bids Wanted—To Close November 23, 2:30 P. M.

AUDITORIUM Cost, \$.....
SAN FRANCISCO. Portola Jr. High School, Girard St. bet. Burrows and Bacon Streets.

General construction, mechanical equipment and plumbing, and electrical work for construction of an auditorium building.

Owner—City & County of San Francisco.

Architect—Charles H. Sawyer, City Architect, Room 265, City Hall.

Bids will be taken as follows:

- (1) All work, including general construction, mechanical equipment and plumbing and electrical work.
- (2) All work, general construction, only.
- (3) All work, mechanical equipment and plumbing, only.
- (4) All work, electrical only.

Estimated Costs
General contract, mechanical equipment and plumbing, and electrical work, \$68,500. Deposit for plans \$55. General construction, only, \$61,000. Deposit, \$25.
Mechanical equipment and plumb-

ing, \$3,500. Deposit, \$15. Electrical work, \$4,000. Deposit \$15. Plans and specifications obtainable from Mr. Sawyer, Room 265, City Hall.

Bids Opened

ADDITIONS & ALTERATIONS
VALLEJO, Solano Co., Calif.

Construction of addition to Charles F. Curry School, and alterations and additions at Roosevelt Sch.

Owner—Vallejo Unified School Dist., Elmer Cade, Supt. of Schools.

Architect—John J. Donovan, 950 Parker St., Berkeley.

Low Bidder—Central California Construction Co., Ltd., 115 Burrows Street, S. F., \$106,888.

General bids received with the following alternate proposals, all deductions:

- (1) Omit kitchen in Curry Sch.
- (2) Composition hioyplate blackboards in lieu of slate, (3) omit classroom in Roosevelt Sch, (4) omit classroom in Curry Sch., (5) aalvage.

Complete bids follow:
Central California Constr. Co., Ltd., S. F., \$106,888, (1) \$1,175, (2) \$175, (3) \$5,800, (4) \$4,800, (5) \$100.

N. H. Sjoberg & Son, Oakland, \$112,222, (1) \$1,210, (2) \$175, (3) \$5,595, (4) \$3,830, (5) —.

James L. McLaughlin Co., S. F., \$113,617, (1) \$1,329, (2) \$178, (3) \$6,104, (4) \$4,225, (5) —.

Miller Const. Co., S. F., \$114,553, (1) \$1,000, (2) \$175, (3) \$5,500, (4) \$4,000, (5) \$100.

R. B. Hathaway, Vallejo, \$123,813, (1) \$1,778, (2) \$113, (3) \$5,754, (4) \$4,996, (5) \$13.

(788) 1st rep. Oct. 3; 3rd, Oct. 24, 1938. 15

Award Approved
JUNIOR COLLEGE ADDN.

Cont. Price \$30,779
SANTA ROSA, Sonoma Co., Calif.

One-story frame and brick veneer Industrial Arts Building, known as Unit 8 (concrete floors, tile roof, etc.)

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Contractor—Empire Constr. Co., Ltd. Russ Bldg., San Francisco.

PWA approved award of contract.

Award Approved
AUDITORIUM Cont. Price \$35,813

SANTA ROSA, Sonoma Co., Calif.—Fremont Grammar School.

One-story frame and stucco auditorium to seat 600 (tile roof, steam heating system, maple floors).

Owner—City of Santa Rosa School District.

Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Contractor—Empire Const. Co., Ltd. Russ Bldg., San Francisco.

PWA approved award of contract.

Award Recommended
SCHOOL

TWAIN HARTE, Tuolumne Co., Cal. One-story frame grammar school to contain two classrooms.

Owner—Twain Harte Elementary School District.

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Low Bidder—Charles K. Pasma, P. O. Box 22, Ripon.

Recommendation made to PWA that contract be awarded low bidder on basic bids including acceptance of alternates 2 and 4.

General bids received with the following alternate deductions: (1) omit heating system (2) omit furniture (4) pine floor in lieu of maple

(5) wood shingle roof in lieu of gal-

vanized iron.

Complete bids follow:

Charles K. Pasma, Ripon, \$14,999-65 (1) \$1,632.45 (2) \$960 (3) \$268. (4) 82

O. J. Scherer, Angels Camp, \$15,200 (1) \$1100 (2) \$1000 (3) \$200 (4) \$150.

S. C. Giles, Stockton, \$15,234 (1) \$755 (2) \$900 (3) \$175 (4) \$96.

Tornell Co., Tracy, \$15,915 (1) \$1100 (2) \$850 (3) \$130 (4) \$310.

A. T. Beckett, Oakland, \$17,948 (1) \$1325 (2) \$880 (3) \$139 (4) \$150.

Bids Wanted—To Close Nov. 16, 7:30 P. M.

SCHOOL BLDG. Cost, \$55,000
ROSEVILLE, Placer Co., Calif.

One-story frame and stucco shop building to contain wood work shop, auto mechanic shop and machine shop and five classrooms.

Owner—Roseville Union High School Board, W. W. Zell, Clerk.

Architect—E. G. Ernst, 561 East Harding Way, Stockton.

PWA grant of \$26,000 will aid in financing.

Plans and specifications may be obtained from the architects office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the principals' office of the Roseville Union High School.

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—C. O. Johnson, 946 E. Berkeley Road, Phoenix, awarded contract by School District No. 38, Maricopa County, Ariz., at \$37,679, for construction of an addition to the Madison school in Phoenix, a PWA project. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix. 15

Bids Wanted—To Close No. 28, 11 A. M.

SCHOOL Cost, \$203,600
OAKDALE, Stanislaus Co., Cal. West of Laurel Ave. bet. Magnolia and Poplar Streets.

Construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.
Owner—Oakdale Elementary School District (J. J. Berry, Supt.)
Architects—Frank V. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

General contract will include heating, plumbing and electrical work, but not furniture and fixtures.

As previously reported, plans and specifications obtainable from architects' office upon deposit of \$25.00.

Bids will be opened in the office of present Oakdale Grammar School.

CONTRACT AWARDED

DOWNY, Los Angeles Co., Cal.—Brunzell & Jacobsen, 2150 Princeton Ave., Los Angeles, awarded contract by Alameda Elementary School District at \$39,682, for construction of a one-story school building at the Alameda school, near Downey. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles; Wm. T. Wright, structural engineer. 15

Bids Wanted—To Close November 21, 7:30 P. M.

SCHOOL ADDN Cost, \$113,000
SNOHOMISH, Washington.

Construction of additions to Senior High School building.

Owner—Consolidated School District No. 329 (A. A. Johnson, Clerk) Snohomish Co., Wash.

Architect—William Mallis, 330 Lyon Bldg., Seattle.

Plans and specifications may be obtained from the architect's office upon deposit of \$15 certified check.

Bids must be accompanied by certified check, cashier's check or bid bond for 5% of bid in the Senior High School building at Snohomish. 15

Complete Bids

AUDITORIUM
DELANO, Kern Co., Calif. Delano High School.

Auditorium and cafeteria building, concrete and steel construction, hollow tile and metal interior partitions, composition roof, terrazzo, asphalt tile and cement floors, oil burning heating system, plaster and acoustical board in erior finish, seating stage equipment, cafeteria equipment.
Owner—Delano Joint Un. High Sch. District.

Architect—Frank Wynkoop, 420 Haberfeld Bldg., Bakersfield.

Low Bidder—Harman and Co., 4540 Cutter St., Los Angeles, \$159,550.

Complete bids follow:

General Work	
Harman & Co., L. A.	\$159,550
W. E. Allen, Long Beach	163,850
J. K. Thomas, Long Beach	168,135
Guy E. Hall, Los Angeles	179,431
Trewhitt-Shields & Fisher, Fresno	182,141
Opperman & Co., Bakersfield	185,000

Plumbing
Frank Hudson, 2141 S. Van Ness Ave., Fresno \$5,348

B. A. Newman Co., Fresno, 5,720
J. K. Thomas, Long Beach, 5,975
Gundlach Co., Bakersfield, 5,978
E. A. Abbott, Bakersfield, 6,630

Heating and Ventilating	
Scott Co., Inc., 243 Minna St., San Francisco	\$23,371
J. K. Thomas, Long Beach	24,950
W. M. McKenney, Bakersfield	26,342
H. S. McClelland, Inc., L. A.	26,443
Gundlach Co., Bakersfield	27,940
W. M. Fisher, Bakersfield	28,194
Frank Hudson, Fresno	28,425
B. A. Newman Co., Fresno	29,867

Electrical Work	
Coast Electrical Co., 1631 Pacific Ave., Long Beach	\$17,545
J. K. Thomas, Long Beach	18,178
American Elec. Co., S. F.	19,959
Robinson Electric, Fresno	20,321
Advance Electric Co., Bakersfield	21,000
Sam Fingerhut, Bakersfield	22,400

(620) 1st report June 29; 5th, Nov. 9, 1938. 15

Bids Opened

GREENHOUSE, Etc.
FRESNO, Fresno Co., Calif. Fresno State College.

Construction of 1-story steel greenhouse and repairs to the existing swimming pool.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
Low Bidder—Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno, \$5,473.00.

Only other bid was submitted by Fred J. Early, Jr., San Francisco, at \$7,128.00.
(969) 1st report Nov. 4, 1938. 15

Prospective Bidders

DEMOLITION
OAKLAND, Ala. Co., Calif. Grand and Perry Sts.

Demolition of the Lakeview School Annex.
Owner—Oakland School District.
Engineer—Charles A. Whitton, Second Avenue, and 10th Street, Oakland. (Sch. Administration Building).

As previously reported, bids will be opened Nov. 22, 4 P. M., at 1025 Second Ave., Oakland.

Following have taken out plans:
K. Rubenstein & Sons, 668 6th St., Oakland.

Cleveland Wrecking Co., 2800 3rd Street, S. F.

Fmsco Concrete Cutting Corp., 147 11th St., S. F.

George Swanstrom, 1615 78th Ave., Oakland.

Prospective Bidders

GYMNASIUM Cost, \$.....
OAKLAND, Alameda Co., Calif. 47th Ave. and Foothill Blvd.

Construction of a gymnasium building at Fremont High School.
Owner—Oakland School District.

Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland, (School Administration Bldg.).

As previously reported, bids will be opened Nov. 15, 4 P. M., in Room 109 1025 Second Ave., Oakland.

Following have taken out plans:
J. F. Tulloch, 335 8th St., Oakland.
Central California Constr. Co. Inc., 175 Burrows St., S. F.

E. T. Letier Sons, 811 37th Street, Oakland.

Moore & Roberts, 693 Mission St., San Francisco.

F. F. Stolte Co., 1405 San Antonio Ave., Alameda.

Fred J. Early, Jr., 369 Pine Street, San Francisco.

Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Bids Opened

HALF MOON BAY, San Mateo Co. One-story frame and reinforced concrete high school.

Owner—Half Moon Bay High School District (Jos. F. George, Clerk).

Architect—Thomas M. Edwards, Rm 1104, 9 Geary St., San Francisco.
Low Bidder—Chas. F. Pedersen, 734 Prospect Row, San Mateo, \$154,640.

Complete bids follow:	
Chas. F. Pedersen, San Mateo	\$154,640
Frank J. Reilly Co., S. F.	155,321
Monson Bros., S. F.	155,496
R. A. McLean & Co., S. F.	161,685
William Martin, S. F.	164,563
Moore & Roberts, S. F.	164,926
G. W. Williams Co., Burlingame	164,977
H. H. Larsen Co., S. F.	165,723
P. F. Reilly, S. F.	171,900

Bids taken under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—Anchor Post Fence Co., 460 Fifth St., at \$262.40 awarded contract by the Department of Public Works, City Hall, for furnishing and installing 108 lineal feet of chain link fabric fence 8-ft. high at Emerson School. 15

CONTRACT AWARDED

SAN FRANCISCO.—The Standard Fence Co., 440 Bayshore Blvd., at \$380.07 awarded contract by the Department of Public Works, City Hall, for furnishing and installing 142 ft. of chain link fabric fence, 6-ft. high at Jefferson School. 15

Under Construction

SHOP BLDG. Cost, \$15,599
MAXWELL, Colusa Co., Calif.

One-story frame and stucco agricultural shop bldg. at the high school.

Owner—Maxwell Union High School District.

Architect—O. A. Deichmann, 321 Bush St., S. F.

Contractor—H. C. Mathiesen, Maxwell.

Low Bidders

AUDITORIUM
DELANO, Kern Co., Calif. Delano High School.

Auditorium and cafeteria building, concrete and steel construction, hollow tile and metal interior partitions, composition roof, terrazzo, asphalt tile and cement floors, oil burning heating system, plaster and acoustical board interior finish, seating stage equipment, cafeteria equipment. Owner—Delano Joint Union High School District.

Architect—Frank Winkoop, 420 Harberfield Bldg., Bakersfield.

Low Bidder—Harman & Co., 4540 Cutter St., L. A., \$159,550. Three low bidders on general and low bidders on segregated contracts follow:

General Work

Harman & Co., L. A., \$159,550.
W. E. Allen, Long Beach, \$163,850.
Guy E. Hall, L. A., \$179,494.

Plumbing

Frank Hudson, 2141 S. Van Ness, Fresno, \$5,348.

Heating & Ventilating

Scott Co., Inc., 243 Minna Street, San Francisco, \$23,371.

Electric Wiring

Coast Electric, 823 Santee Street, Los Angeles, \$17,545.

**Contract Awarded
ADDITIONS & ALTERATIONS**

Cont. Price, \$106,788
VALLEJO, Solano Co., Calif.

Construction of addition to Charles F. Curry School, and alterations and additions at Roosevelt Sch. Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.

Architect—John J. Donovan, 950 Park St., Berkeley.
Contractor—Central California Construction Co., Ltd., 115 Burrows Street, S. F.

**Bids Wanted—To Close Nov. 21,
7:30 P. M.**

SCHOOL Cost, \$.....
SALINAS, Monterey Co., Calif.
Construction of Unit No. 2, Junior College.

Owner—Salinas Union High School District (R. D. Case, Clerk).
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Plans and specifications obtainable from the architect's office upon deposit of \$25, returnable.

Bids will be opened in the office of the Board of Trustees, Salinas National Bank Bldg., Salinas.

**Bids Wanted—To Close Nov. 21,
8:30 P. M.**

EQUIPMENT & FURNISHINGS Cost, \$.....
SALINAS, Monterey Co., Calif.

Furnishing and installing manual training, domestic science and cafeteria equipment and furniture for the Washington School. Owner—Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Plans and specifications obtainable from the architect's office upon deposit of \$15, returnable.

Bids must be accompanied by 5% certified or cashier's check or bid bond and will be opened at 8:30 P. M., November 21, in the office of the Board of Education, Salinas National Bank Bldg., Salinas.

**Bids Wanted—To Close Nov. 28,
SCHOOL Cost, \$203,600**

OAKDALE, Stanislaus Co., Cal. West of Laurel Ave. bet. Magnolia and Poplar Streets.

Construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop. Owner—Oakdale Elementary School

District (J. J. Berry, Supt.)
Architects—Frank V. Mayo and Erle W. Johnson, 931 North El Dorado St., Stockton.

General contract will include heating, plumbing and electrical work, but not furniture and fixtures.

Plans and specifications obtainable from the architect's office upon deposit of \$25.00.

**Bids Opened
ADDITIONS AND ALTERATIONS
SANTA CLARA, Santa Clara Co.**
Additions and alterations to girls' gymnasium at the high school.

Owner—Santa Clara Un. High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidder—Nielsen & Erbtraut, 201 South Market St., San Jose, \$19,850.

Total bids follow:
Nielsen & Erbtraut, \$19,850.

Dan Caputo, San Jose, \$20,785.
Carl N. Swenson Co., San Jose, \$20,982.

A. J. Hopper, San Francisco, \$23,358.

Paul N. Anderson, San Jose, \$23,500.

**Bids Opened
SCHOOL
BENICIA, Solano Co., Calif.**

One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.

Owner—Benicia Unified School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidder—Grant Martinelli Const. Co., 44 Mary St., San Francisco, \$82,593.

(Alternate proposals included in the bidding schedule may change the order of bids considerably.)

Total bids were as follows:
Grant-Martinelli Const. Co., \$82,898

C. M. Teigland, Oakland, \$7,240
Willis F. Lynn, Oakland, \$7,775

Nielsen & Erbtraut, San Jose, \$8,495

E. T. Leiter Sons, Oakland, \$9,467

Central Calif. Const., S. F., \$9,867

N. H. Sjoberg & Son, Oakland 93,174

David Paganini, S. F., \$9,913

**Contract Awarded
SHOP AND GYM**

Cont. Price, \$171,350
EL CERRITO, Contra Costa Co., Cal. S. E. cor Eureka Ave. and Key-Route Right-of-Way.

New shop building and gymnasium building for El Cerrito High Sch. District. (W. T. Helms, Secy.)

Owner—Richmond Union High Sch. Architects—Dragon & Schmidts, 2063 Allston St., Oakland.

Contractor—Elmer J. Freethy, 224 16th St., Richmond.

(85¢ 1st rep. Oct. 13; 3rd, Nov. 2, 1938.

**Bids Wanted — To Close November
21 8 P. M.**

SCHOOL BLDG. Cost, \$60,000
SACRAMENTO, Sacto Co., Calif.

Construction of addition to Theodore Judah Elementary School.

Owner—City of Sacramento.
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction.

Plans and specifications obtainable from the architect's office upon deposit of \$25.

Bids will be opened in the Administration Bldg., 21st and L Sts., Sacramento.

**BIDS OPENED
ADDITIONS AND ALTERATIONS
SANTA CLARA, Santa Clara Co.**
Additions and alterations to girls' gymnasium at the high school.
Owner—Santa Clara Un. High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidder—Nielsen & Erbtraut, 201 South Market St., San Jose, \$19,850.

General bids received with the following alternate deductions: (1) omit metal partitions using channel iron and cement plaster, (2) omit tile floors in dressing rooms using cement floor and base, (3) omit shower rooms, (4) omit metal partitions in toilets and showers using wood, (5) omit metal partitions in dressing rooms using wood, (6) omit equipment, (7) omit wiring equipment for sound system, (8) unit price.

Complete basic bids follow:

(A) Nielsen & Erbtraut, \$19,850.

(B) Dan Caputo, San Jose, \$20,785.

(C) Carl U. Swenson Co., San Jose, \$20,982.

(D) A. J. Hopper, San Francisco, \$23,358.

(E) Paul N. Anderson, San Jose, \$23,500.

Alternate deductions follow:

	(A)	(B)	(C)	(D)
1)	\$149.00	\$150.00	\$115.00	\$125.00
2)	1020.00	1080.00	880.00	700.00
3)	1075.00	1125.00	874.00	740.00
4)	150.00	200.00	82.00	36.00
5)	600.00	640.00	119.00	150.00
6)	1549.00	1549.00	1500.00	1500.00
7)	1000.00	1000.00	1100.00	900.00
8)	1.00	1.15	.60	1.15

*No alternate proposals submitted.

15

**Bids Wanted — To Close November
18, 7:30 P. M.**

SCHOOL BLDG. Cost, \$55,000
POSEVILLE P. Placer Co., Calif.

One-story frame and stucco shop building to contain wood work shop, auto mechanic shop and machine shop and five classrooms.

Owner—Poseville Union High School Board W. W. Zell, Clerk.

Architect—F. C. Ernest, 651 East Harding Way, Stockton.

PWA grant of \$96,000 will aid in financing.

Plans and specifications may be obtained from the architect's office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the principal's office of the Roseville Union High School at 8 P. M.

**BIDS OPENED
SERRA, Yuba & Glenn, St. George, Utah**

Submitted only bid to Educational District No. 1, Overton, Clark County, Nev., at \$21,168, for alterations and improvements to the public school in Lovands, the same firm submitted the only bid at \$694 for remodeling the public school in Moapa. Salzman and Thompson submitted the only bid at \$24,550 for remodeling the public school in Overton. The school district has asked permission of the PWA to do the work on a time and material basis. Miles E. Miller, architect, 312 Felt Bldg., Salt Lake City.

**CONTRACT AWARDED
BRIDGE DOWNY, L. A. Co., Calif.**

Renzel & Jacobson, 2150 Princeton Ave., L. A., submitted low bid and were awarded contract by Alameda Elementary School District at approx. \$39,650, for construction of

be received by the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 1142-D, for the preparation of concrete aggregates near station 3699 of the Coachella canal, Al.-American canal system, Boulder Canyon project. Work is located near Frink, Calif.

Work involves:

- (1) preparing and stockpiling 85,000 c.y. of sand.
 - (2) preparing and stock-piling 173,000 c.y. gravel in three sizes.
- Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable. * 20

CONTRACT AWARDED

SAN FRANCISCO—United Pipe & Supply Co., 729 Brannan St., San Francisco, at \$113.29, 2% 30 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-132, for 375 feet terra-cotta salt glazed bell and spigot drain tile, 4-inch diameter; 2 bends and 500 feet clay unglazed open end agricultural tile, f.o.b. Port Funston.

Other bids were:

- Gladding McBean & Co., \$121.46, 2% 30 days.
N. Clark & Sons, \$121.46; 2% 30 days. * 20

BIDS WANTED

HOT SPRINGS, Tulare Co., Cal.—Until Nov. 22, 7 P. M., bids will be received by the Board of Trustees of the Hot Springs School District, I. C. Young, Clerk, Hot Springs, for furnishing materials, as follows:

- (1) 50,000 bd. ft., more or less, of lumber;
- (2) 400 sacks, more or less, Portland cement;
- (3) 100 tons, more or less, concrete rock;
- (4) 50 tons, more or less, conc. sand
- (5) 1 lot of rough hardware;
- (6) 1 lot misc. metal work;
- (7) 1 lot of chimney materials;
- (8) 1 lot of roofing materials;
- (9) 1 lot of plumbing materials;
- (10) 1 lot of electrical materials;
- (11) 1 lot of mill work;
- (12) 1 lot of finish hardware.

Plans and specifications may be obtained at the office of the school or from John Paxton Perrine and Associates, 323 Bank of America Bldg., Visalia. * 20

BIDS WANTED

BOULDER CANYON PROJECT—Until November 30, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1141-D, for furnishing and delivering pipe, fittings, and valves for Units A-6 and A-7 of the Boulder power plant, Boulder Canyon Proj.; fob shipping point and/or Boulder City, Nev. Material will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$3.50, not returnable. * 20

BIDS WANTED

COLORADO PROJECT—Until November 23, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1135-D, for furnishing and delivering structural steel and steel castings for the highway bridge over the Blue River at the Green Mountain Project, Colorado—Big Thompson Project, Colorado; fob shipping point and/or Kremmling, Colo. Material will be installed by the Government. Plans and specifications may be

obtained from the above office; no charge to prospective bidders; to others \$0.75, not returnable. * 20

CONTRACTS AWARDED

BERKELEY, Alameda Co., Calif.—The Berkeley Board of Education awarded the following contracts for construction materials for reconstruction and repairs of school buildings and grounds:
Readymix Concrete—Chas. F. Hughes \$1131.15.

Lumber and Millwork—E. K. Wood Lumber Co., \$1108.22.

Plumbing and Heating Materials—Oakland Plumbing Supply Co., \$816.51.

Misc. Hardware and Roofing Mtls.—C. Markus Hardware, \$887.69.

Structural Steel—Geo. R. Bormann Steel Co., \$635.18.

Concrete Materials—Contra Costa Building Materials Co., \$529.30.

Electrical Materials—White Electric Co., \$578.01.

Reinforcing Steel—Beattie Steel and Supply Co., Inc., \$407.56.

Glass and Paint Materials—W. P. Fuller & Co., \$402.93.

Steel Sash—Gleason & Richardson, \$370.04.

Insulation Materials—Western Asbestos Co., \$258.06.

Finish Hardware and Twist Drills—Maxwell Hardware, \$237.58.

Copper, Hammers, Etc.—C. W. Marwedel, \$103.21. * 20

BIDS OPENED

SAN FRANCISCO—Following submitted bids to T. A. Brooks, Purchaser of Supplies, under Bid No. 2103, for underground bronze fittings for the San Francisco Water Department.

Bids taken on:

- (1) 1,000 $\frac{1}{4}$ -inch meter couplings;
 - (2) 500 $\frac{1}{4}$ -inch meter couplings;
 - (3) 500 $\frac{3}{4}$ by $\frac{1}{2}$ meter couplings;
 - (4) 200 $\frac{1}{2}$ -inch lock wing stop cocks;
 - (5) 200 2-inch lock wing stop cocks;
 - (6) 100 1 $\frac{1}{2}$ -inch corporation cocks;
 - (7) 100 2-inch corporation cocks;
 - (8) 2000 $\frac{3}{4}$ -inch NS. corporation cocks;
 - (9) 200 1-inch corporation cocks;
- Total bids follow:
M. Greenberg Sons, (1) \$0.164, (2) \$0.159, (3) \$0.224, (4) no bid, (5) \$2.99, (6) \$3.29, (7) \$0.549, (8) \$0.52, (9) \$1.09, 2% 30 days.
Mueller Co., (1) \$0.16, (2) \$0.16, (3) \$0.16, (4) \$0.16, (5) \$0.38, (6) \$2.14, (7) \$3.55, (8) \$5.10, (9) \$0.45, (9) \$0.95, 2% 15th prox.
James Jones Co. Inc., (1) \$0.18, (2) \$0.17, (3) \$0.18, (4) \$0.40, (5) \$2.24, (6) \$3.60, (7) \$5.25, (8) \$0.46, (9) \$0.98, 2% 30 days. * 20

BIDS OPENED

SAN FRANCISCO, Calif.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2104, for \$10,000 ft. of 5 in. L. C. cable No. 18 wire, sold for San Francisco Department of Electricity.

Bids were:

- John A. Roebbling's Sons, (1) \$9-10275, (2) \$0.11765, (3) \$12, $\frac{1}{2}$ % 10 days.
Kelllogg Switchboard & Supply Co., (1) \$0.10275, (2) \$0.11765, (3) \$12, $\frac{1}{2}$ % 10 days.
American Automatic Elec. Sales Corp., (1) \$0.09559, (3) \$12, $\frac{1}{2}$ % 18 days.
General Electric Supply Co., (1) \$0.09559, (3) \$12, $\frac{1}{2}$ % 10 days.
Graybar Elec. Co., (1) \$0.09559, (3) \$12, $\frac{1}{2}$ % 10 days.
Truitt Wire and Cable Co., (2) \$0.14836, (3) \$28, $\frac{1}{2}$ % 10 days.
General Cable Corp., (1) \$0.09559, (3) \$12, $\frac{1}{2}$ % 10 days.
The Electric Corp., (1) \$0.09559, (3)

\$12, $\frac{1}{2}$ % 10 days.

- (1) by water; (2) by rail; (3) reel. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 341,000 lbs. fabricated steel and other metal work incidental to superstructures for San Fernando Road bridge over Verdugo Wash outlet, Invt. 176, opened by U. S. Engineer, Los Angeles, were:

Columbia Steel Co., \$0447 lb. \$15,276.50; fob cars Birmingham, Ala.

Consolidated Steel Corp., \$0457 lb. \$21,363.65; delivered to job.

Bethlehem Steel Co., \$0428 lb. \$14,594.50; fob Chicago.

Mt. Vernon Bridge Co., \$046 lb. \$15,822.40; fob Mt. Vernon, Ohio, no unloading or hauling included.

Bethlehem Fabricators, Inc., \$0394 lb. \$23,665; fob Bethlehem, Pa.

Minneapolis - Moline Power Imp. Co., \$054 lb. \$18,541; fob Minneapolis.

Western Pipe & Steel Co., \$0473 lb. \$22,079.75; delivered to job.

Steel Const. Co., San Francisco, \$051 lb. \$17,391; fob Birmingham, Ala.; (17,245 lbs. shipped from Los Angeles, balance from Birmingham).

BIDS WANTED

CENTRAL VALLEY PROJECT—Until Nov. 30, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. 33,015-A, for furnishing rails, intermediate steel tie plates, joint steel tie plates, gage plates, track spikes, steel angle bars, compromise joints, track bolts and nuts, rail anticreepers, split switches, spring-rail frogs, etc.; fob shipping point and/or Redding, Calif.

BIDS WANTED

COLUMBIA BASIN PROJ., Wash.—Until Nov. 21, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1136-D, for furnishing and delivering structural steel and steel castings for the bridge over the diversion canal at Leavenworth Station, migratory-fish control, Columbia Basin Project, Wash. F.O.B. shipping point and/or Leavenworth, Wash. Material will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.25 not returnable. * 20

BIDS OPENED

LOS ANGELES, Calif.—Bids for 341,000 lbs. fabricated steel and other metal work for superstructure for So. Pac. R. R. bridge over Verdugo Wash, Invt. 178, opened by U. S. Engineer, L. A., were:

Bethlehem Steel Co., \$0467 lb., \$15,924.70 total, f.o.b. Chicago.

Consolidated Steel Corp., \$0585 lb., \$19,948.50 total deliv. to job site.

Minneapolis-Moline Power Implement Co., \$053 lb., \$18,073 total, f.o.b. Minneapolis.

Steel Construction Co., \$0497 lb., f.o.b. cars, Birmingham, Ala.

Mt. Vernon Bridge Co., \$0483 lb., \$16,470.30 total, f.o.b. Mt. Vernon, Ohio.

Columbia Steel Co., \$0482 lb., \$16,443.02 total, 31,000 lbs. deliv. to job, balance f.o.b. Birmingham, Ala.

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Co., at \$14,594.50, was awarded contract by U. S. Engineer, L. A., for 341,000 lbs. fabricated steel and other metal work for superstructures for San Fernando Road bridge over Verdugo Wash, Invt. 176. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 1.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21
 vices, type B-12;
 (39) 1 lot misc. items of work.
 Plans and specifications may be obtained from the above office.

BIDS WANTED

SEATTLE, Kings Co., Wash.—Until Nov. 29 bids will be received by the State of Washington Toll Bridge Authority, Highway Building, Olympia, for construction of the Lake Washington Bridge, PWA Project 1180F.

Bridge will be a reinforced concrete pontoon bridge over Lake Washington between the City of Seattle and the northerly end of Mercer Island together with approaches on westerly end to and in City of Seattle to connection with existing city streets including approach tunnels and necessary grade separation structures and side road connection and approach on easterly end to and over Mercer Island across the easterly arm of Lake Washington and to a connection with existing secondary State Highway 2-A, including necessary grade separation structures and side road connections, a distance of about 6.65 miles in the City of Seattle, King Co.

Construction provided for in 11 units, as follows:

UNIT 1: Clearing, grading, draining, paving with Portland cement concrete, construction reinforced concrete bridges and complete lighting system on about 0.66 miles of city streets in City of Seattle, involving about 143,600 c.y. excavation, 29,800 sq. yd. cement concrete pavement, 642 tons steel reinf. bars, 4984 cu. yd. concrete, etc., \$400,000 available.

UNIT 2: Tunnels, clearing, grading, draining, paving with Portland cement concrete, constructing lighting system on about 0.48 miles of city streets involving about 111,300 cu. yd. tunnel excavation, 47,900 cu. yd. excavation, 25,850 cu. yd. concrete, 823 tons steel reinforcing bars, 3800 sq. yd. cement concrete pavement, etc. \$1,100,000 available.

UNIT 3: Reinforced concrete and structural steel bridge over city sts. and portions of Lake Washington, about 0.20 miles and effecting connections on westerly end of pontoon bridge provided for Unit 4, involving about 1156 tons of structural steel, 466 tons of steel reinforcing bars, 1858 cu. yd. concrete, etc. \$400,000 available.

UNIT 4: Reinforced concrete pontoon bridge over Lake Washington for about 1.25 miles together with lighting system with mechanical and electrical system for operation of

movable span involving about 46,774 cu. yd. concrete, 8048 tons steel reinf. bars, 1367 tons structural steel, etc. \$2,500,000 available.

UNIT 5: Reinforced concrete and structural steel bridge over portion of Lake Washington and on Mercer Island, about 0.18 miles effecting connection on easterly end of pontoon bridge to Mercer Island, involving about 991 tons of structural steel, 543 tons steel reinf. bars, 1853 cu. yd. concrete, etc. \$400,000 available.

UNIT 6: Clearing, grading, draining, paving with Portland cement concrete portion of approach highway on west side of Mercer Island, about 1.28 miles involving about 416,960 cu. yd. excavation, 68,000 sq. yd. cement concrete pavement, etc. \$400,000 available.

UNIT 7: Reinforced conc. grade separation structure on approach highway on Mercer Island, together with toll houses and administration building and lighting system in vicinity of toll plaza, involving about 5836 cu. yd. concrete, 740 tons steel reinforcing bars, etc. \$270,000 available.

UNIT 8: Clearing, grading, draining, and paving with Portland cement concrete portion of approach highway on east side of Mercer Island for about 1.46 miles, involving about 326,000 cu. yd. excavation, 47,600 sq. yd. cement concrete pavement and other items. \$370,000 available.

UNIT 9: Structural steel and reinforced concrete bridge over easterly arm of Lake Washington from Mercer Island to easterly side of Lake for about 0.26 miles and involving about 1693 tons of structural steel, 460 tons steel reinforcing bars, 6630 cu. yd. concrete, etc. \$500,000 available.

UNIT 10: Clearing, grading, draining and paving with Portland cement concrete a portion of approach highway on east side of Lake Washington for about 0.40 miles involving about 108,200 cu. yd. excavation, 2800 sq. yd. cement concrete pavement, etc. \$160,000 available.

UNIT 11: Reinforced concrete viaduct on approach highway over Mercer Slough to connection with Secondary State Highway 2-A, about 0.49 miles involving about 13,850 cu. yd. concrete, 1717 tons steel reinforcing bars, 300 tons of structural steel, etc. \$700,000 available.

Plans and specifications may be obtained from the State Highway Department, Lacey V. Murrow, Direction of Highways, upon the deposit of \$2.00. 21

BIDS REJECTED

GLENN COUNTY, Cal.—The Glenn County Board of Supervisors, W. R. Sale, County Clerk, Courthouse, Willows, rejected all bids for the construction of a bridge across Walker Creek in Road District No. 4, Glenn County. Work will be done by day labor. 21

BIDS WANTED

TULARE CO., Calif.—Until Nov. 22, 2:00 P. M. bids will be received by the Tulare County Board of Supervisors, Gladys Stewart, Clerk, Court House, Visalia, for the construction of a reinf. concrete bridge across Deer Creek, located on the East line of Section 3, and also being approx. 5 1/2 miles west of the town of Terra Bella, Tulare Co.

21— BRIDGES

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until November 30, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a steel beam overhead structure with concrete deck across the tracks of the Southern Pacific Railroad and about 0.3 mile grading and paving with Portland cement concrete and asphalt concrete about 0.4 mile south of Turlock in Stanislaus County.

Work involves:

- (1) 31 sta. clear and grub;
- (2) 500 c.y. remove concrete;
- (3) 875 M. gals. water;
- (4) 1,350 c.y. rdwy. excav., unclass.;
- (5) 2,500 c.y. struc. excav.;
- (6) 27,750 c.y. imported borrow;
- (7) 7,470 sq. yds. preparing sub-grade;
- (8) 31 sta. finish rdwy.;
- (9) 2,750 tons untreated crushed gravel or stone surf.;
- (10) 530 c.y. salvage surf.;
- (11) 17 tons liquid asphalt SC-2 prime coat shouldered and penetration oil treatment;
- (12) 63 tons liquid asphalt ROMC-3 or -4 or -5 plant mix surf.;
- (13) 1,250 tons min. agg. plant mix surf.;
- (14) 7 tons asph. emulsion seal coat and paint binder;
- (15) 65 tons screen seal coat;
- (16) 1,000 sq. yds. prepare mix and shape shouldered;
- (17) 410 tons asph. conc.;
- (18) 1,290 c.y. Class B Portland cement conc. pave.;
- (19) 2,520 each pavement dowels;
- (20) 1,050 each tie bolt assemblies;
- (21) 680,000 lbs. bar reinf. steel;
- (22) 4,523 c.y. Class A Portland cement conc. struc.;
- (23) 1,657,000 lbs. struc. steel;
- (24) 43,000 lbs. blast plates;
- (25) 4,050 lbs. misc. steel;
- (26) 2,560 l.f. steel railing;
- (27) 21,275 l.f. furnish, treated Douglas fir piles, including test piles
- (28) 839 each drive do;
- (29) 26 l.f. 12-in. CMP;
- (30) 36 l.f. 18-in. CMP;
- (31) 3 each cast steel frames and covers for drop inlets;
- (32) 375 c.y. Class A Portland cement concrete curbs, gutters and sidewalks;
- (33) 6 each culvert markers and guide posts;
- (34) 0.72 mile new property fence;
- (35) 7 each drive gates;
- (36) 1,250 lbs. sheet copper;
- (37) 19 each monuments;
- (38) 6 sections pavement crossing de-

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : Calif-ia

Work involves:

- (1) 209 c.y. Class A Portland cement concrete;
 - (2) 280 c.y. struc. excav.
- Plans and specifications may be obtained from the County Surveyor, Court House, Visalia. * 21

CONTRACT AWARDED

VENTURA COUNTY, Calif.—Paul J. Tyler, P. O. Box 206, Oroville, at \$11,985.20 awarded contract by the State Division of Highways, Sacramento, for the reconstruction of a bridge across the Santa Clara River at Saticoy and approaches thereto; said structure to consist of reinforced concrete girder spans on concrete piers with steel pile foundations, in Ventura County. * 21

BIDS OPENED

SAN FRANCISCO.—Kuchel and Sievers Electric Works, 468 Fifth St., at \$5,890 submitted low bid to the Dept. of Public Works, City Hall, for rewinding and fitting new bearings on a motor for the Islals Creek bridge.

Complete bids were:

Kuchel & Sievers Electric Works	\$5,890
Buzzell Electric Co.	6,172
Globe Electric Co.	6,940

22—DREDGING HARBOR WORKS, EXCAVATION

November 7, 1938

BIDS OPENED

SACRAMENTO, Calif.—Morrison-Knudsen Co., Inc., 954 Howard St., San Francisco (P. O. Box 1518, Boise Idaho), at \$262,496.70 (combination Schedules A and B), submitted low bid to the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-81 for raising, strengthening and setting back the existing levee, as follows:

- (A) West levee of Feather River from Yuba City south to Shanghai Bend, approx. 17,000 feet.
 - (B) Along the west levee of Feather River from Starr Bend 2 miles southerly, approx. 10,500 feet.
- George Pollock Co., Sacramento, at \$227,194 submitted only bid on Schedule A, and Mountain Construction Co., Sacramento, at \$76,364 submitted low bid on Schedule B.

- Total bids follow:
- (A) Morrison-Kundsen Co., Inc., San Francisco, Schedules A and B combined, \$262,496.70.
 - (B) George Pollock Co., Sacramento Schedule A, \$227,194.
 - (C) Mountain Construction Co., Sch. B, \$76,364.
 - (D) Harms Bros., Litchfield, and H. Earl Parker, Lathrop, Schedule B, \$99,964.
 - (E) J. A. Terteling & Sons, Boise, Idaho, Schedules A and B combined, \$369,081.00.

Work involves:

SCHEDULE A

- (1) 885,000 c.y. levee embankment, in place;
- (2) 14,000 M. gal. water for compaction purposes;
- (3) 285 c.y. road gravel, in place;
- (4) 80 l.f. corr. iron pipe, 24-inch diameter, No. 10 gage, with necessary 24-inch diameter No. 10 gage band couplers, in place;
- (5) 1 each gate, 24-inch diameter, Calaco #101, or equal, with 4-ft. gate frame, in place;
- (6) 224 l.f. steel pipe, 12-inch diameter, No. 7 gage, soil proofed Calco Spiweld, or equal, in pl.
- (7) 326 l.f. concrete pipe, 12-inch diameter, in place;
- (8) 20 l.f. concrete pipe, 36-inch diameter, in place;

- (9) 15 each outlet gates for concrete irrigation line, 5-inch diameter opening, Snow Mfg. Co. No. 8/2B or equal, complete with riser and necessary connections in place. Station 109 plus 23 to 112 plus 30;
- (10) 1 each iron cut off place, 3-ft. by 4-ft. by 3/4-inch, in place;
- (11) 1 each brass cocks, 1-inch diameter, Crane No. 252, or equal, in place;
- (12) 1 each air valves, 1-inch diameter, Crispin, or equal, with necessary fitting in place;
- (13) 1 job, remove and waste 8-ft. of 12-inch diameter concrete stand pipe and approximately 25-ft. of 12-inch diameter concrete pipe line. Station 107 plus 15.
- (14) 1 job, remove and waste approximately 165 feet of 12-inch diameter, steel pipe; 18-ft. of 36-inch diameter concrete stand-pipe and approx. 45 feet of 18-inch diameter concrete pipe line. Remove, clean and reinstall on new structure existing 12-inch diameter valve, and 6 ft. high 36-inch diameter concrete valve box. Sta. 109 plus 23.
- (15) 1 job, remove and waste 12-inch diameter concrete pipe line and all appurtenances including 15 outlets. Reinstall one 12-inch diameter irrigation valve. Station 109 plus 23 to 112 plus 30.

SCHEDULE B

- (1) 368,000 c.y. levee embankment, in place;
- (2) 15,000 M. gal. water for compaction purposes;
- (3) 430 c.y. road gravel, in place;
- (4) 25 c.y. Class A concrete, in pl.;
- (5) 25 c.y. Class A concrete, in pl.;
- (6) 2150 lb. reinf. steel, in place;
- (7) 70 l.f. corr. iron pipe, 24-inch diameter, No. 10 gage, with necessary 24-inch diameter No. 10 gage band couplers, in place;
- (8) 320 l.f. steel pipe, 8-inch diameter No. 7 gage, soil proofed Calco Spiweld, or equal, in pl.;
- (9) 160 l.f. steel pipe, 10-inch diameter, No. 7 gage, soil proofed Calco Spiweld, or equal, in pl.;
- (10) 4 each lateral headgates, 30-inch diameter, Calco No. 105, or equal, in place;
- (11) 3 each iron cut off plates 3-ft. by 4-ft. by 3/4-inch, in place;
- (12) 3 each brass cocks, 1-inch diameter, Crane No. 252, or equal, in place;
- (13) 3 each air valves, 1-inch diameter, Crispin, or equal, with necessary fittings, in place;
- (14) 1 job remove and waste existing 12-inch diameter pipe, 8-in. diameter steel pipe and 30-inch diameter concrete pipe spillbox. Station 529 plus 28.
- (15) 1 job remove and waste existing concrete foundation. Station 533 plus 00.
- (16) 1 job remove and waste existing 7-inch diameter steel pipe, 24-inch diameter standpipe and two 30-inch diameter standpipes. Station 574 plus 20.

SCHEDULES A AND B COMBINED

- (1) 1,253,000 c.y. levee embankment, in place;
- (2) 29,000 M. gal. water for compaction purposes;
- (3) 715 c.y. road gravel, in place;
- (4) 25 c.y. Class "A" concrete in place;
- (5) 2150 lb. reinforcing steel, in pl.;
- (6) 70 l.f. corr. iron pipe, 24-inch diameter, No. 10 gage with necessary 24-inch diameter No. 10 gage band couplers, in place;
- (7) 1 each gate, 24-inch diameter, Calco No. 101, or equal, with

- 4-ft. gate frame, in place;
- (8) 320 l.f. steel pipe, 8-inch diameter, No. 7 gage, soil proofed Calco Spiweld, or equal, in pl.;
- (9) 160 l.f. steel pipe, 10-inch diameter, No. 7 gage, soil proofed Calco Spiweld or equal, in pl.;
- (10) 224 l.f. steel pipe, 12-inch diameter, No. 7 gage, soil proofed Calco Spiweld, or equal, in pl.;
- (11) 326 l.f. concrete pipe, 12-inch diameter, in place;
- (12) 20 l.f. concrete pipe, 36-inch diameter, in place;
- (13) 25 each outlet gates for concrete irrigation line, 5-inch diameter opening, Snow Mfg. Co. No. 8/2-B, or equal, complete with riser and necessary connections, in place. Sta. 109 plus 23 to 112-plus 30;
- (14) 4 each lateral headgates, 30-inch diameter, Calco No. 105, or equal, in place;
- (15) 4 each iron cut off plates, 3-ft. by 4-ft. by 3/4-inch, in place;
- (16) 4 each brass cocks, 1-inch diameter, Crane No. 252, or equal, in place;
- (17) 4 each air valves, 1-inch diameter, Crispin, or equal, with necessary fittings, in place;
- (18) 1 job remove and waste 8-ft. of 12-inch diameter concrete stand pipe and approx. 25-ft. of 12-inch diameter concrete pipe line. Station 107 plus 15;
- (19) 1 job remove and waste approx. 165 feet of 12-inch diameter steel pipe; 18 ft. of 36-inch diameter concrete standpipe and approx. 45 ft. of 18-inch diameter concrete pipe line. Remove, clean and reinstall on new structure existing 12-inch diameter valve, and 6-ft. high 36-inch diameter concrete valve box. Station 109 plus 23;
- (20) 1 job remove and waste 12-in. concrete pipe line and all appurtenances including 15 outlets. Reinstall one 12-inch diameter irrigation valve. Station 109 plus 23 to 112 plus 30;
- (21) 1 job remove and waste existing 12-inch diameter pipe and 30-inch diameter concrete pipe spillbox. Station 529 plus 28;
- (22) 1 job remove and waste existing concrete foundation. Station 533 plus 00;
- (23) 1 job remove and waste existing 7-inch diameter pipe, 24-in. diameter standpipe and two 30-inch diameter standpipes. Station 574 plus 20.

Unit prices follow:

SCHEDULE A

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 245.80				
(2)	50				
(3)	3.00				
(4)	6.00				
(5)	35.00				
(6)	2.25				
(7)	3.00				
(8)	10.00				
(9)	4.00				
(10)	10.00				
(11)	2.00				
(12)	20.00				
(13)	25.00				
(14)	100.00				
(15)	100.00				

SCHEDULE B

	(A)	(B)	(C)	(D)	(E)
(1)	168	244			
(2)	65	45			
(3)	2.50	1.00			
(4)	35.00	37.50			
(5)	10	07			
(6)	9.00	6.50			
(7)	3.00	2.00			
(8)	3.25	2.25			
(9)	50.00	50.00			
(10)	20.00	15.00			
(11)	5.00	3.00			
(12)	30.00	25.00			

(13)	.....	60.00	50.00	.....
(14)	.....	30.00	20.00	.....
(15)	.....	60.00	50.00	.....

SCHED. A AND B COMBINED

(1)	.19	.....	296	.....
(2)	.50	.....	50	.....
(3)	2.00	.....	4.00	.....
(4)	30.00	.....	30.00	.....
(5)	.#5	.....	.10	.....
(6)	8.50	.....	8.00	.....
(7)	45.00	.....	50.00	.....
(8)	1.90	.....	3.00	.....
(9)	2.10	.....	4.00	.....
(10)	2.30	.....	5.00	.....
(11)	1.00	.....	3.00	.....
(12)	7.00	.....	7.00	.....
(13)	7.50	.....	50.00	.....
(14)	50.00	.....	100.00	.....
(15)	15.00	.....	25.00	.....
(16)	3.00	.....	10.00	.....
(17)	30.00	.....	10.00	.....
(18)	50.00	.....	50.00	.....
(19)	200.00	.....	150.00	.....
(20)	200.00	.....	100.00	.....
(21)	200.00	.....	50.00	.....
(22)	75.00	.....	50.00	.....
(23)	200.00	.....	50.00	.....

CONTRACT AWARDED

LONG BEACH, Cal.—Rohl-Connolly Co., 4351 Valley Blvd., Los Angeles, at \$60,750 awarded contract by the Long Beach Port Manager, D. A. Marshall, for furnishing and placing seal rock and rock riprap; Spec. H. D. 68. * 22

BIDS WANTED

BOISE PROJECT, Idaho.—Until November 22, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, under Spec. No. 1133-D, for the construction of earthwork, Black Canyon canal laterals 24.8 to 26.2 and "A"-line canal laterals 2.0 to 9.4, Payette Division, Boise Project, Idaho.

- Work involves:
- (1) 145,000 cu. y. excavation, common, for laterals;
 - (2) 500 cu. y. excavation, rock for laterals;
 - (3) 8,000 sta. c.y. overhaul.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1 per copy, not returnable. * 22

BID OPENED

LINCOLN CO., Oregon.—Kern & Kibbe, Portland, Oregon, at \$28,425 submitted only bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-165, for repairing and extending the north jetty at the entrance of Yaquina Bay, requiring the construction and repairs of tramways, furnishing and placing of about 180,000 tons stone and about 6400 cu. yd. cement concrete, Lincoln Co., Nev. Contracting Officer's estimate, \$57,061. * 22

23 CANALS

BIDS WANTED

BOISE PROJECT, Idaho.—Until Nov. 22, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1133-D, for the construction of earthwork, Black Canyon canal laterals 24.8 to 26.2 and "A"-line canal laterals 2.0 to 9.4, Payette division, Boise Project, Idaho.

- Estimated quantities are:
- (1) 145,000 cu. yds. excavation, common, for laterals;
 - (2) 500 cu. yd. excavation, rock for laterals;
 - (3) 8,000 sta cu. yds. overhaul.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00 per copy, not returnable. * 23

CONTRACT AWARDED

YAMHILL CO., Oregon.—Parker-Schram Co., Portland, at \$69,625 was awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-168, for (a) clearing, bank sloping, gravel excavation, gravel borrow, and the construction of approximately 900 feet of stone revetment on the left bank of Lambert Slough; (b) construction of approximately 450 feet stone revetment on the left bank of the Willamette River in the vicinity of Lambert Slough; placing of 12,200 tons stone in reinforcing and raising Wheatland Dam at the head of Lambert Slough; (c) clearing, gravel borrow, earth borrow, and construction of approximately 380 feet of stone revetment on the right bank of Lambert Slough and necessary appurtenant work, all located in the Yamhill County Dist. Improvement Co. No. 1, Yamhill County, Ore. * 23

CONTRACT AWARDED

BOISE PROJECT, Idaho.—David A. Richardson, Caldwell, Idaho, at \$18,544.50 awarded contract by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1123-D, for the construction of structures, D-Line canal laterals 18.7 to 24.3 Payette Division, Boise Project, Idaho. * 23

25—MACHINERY AND EQUIPMENT

BIDS WANTED

YAKIMA PROJECT, Wash.—Until Nov. 29, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 810, for furnishing and delivering two 110-ft. roller gates with load disks and auxiliary load rings of either welded or riveted construction for installation at the Roza diversion dam, Roza division, Yakima Project, Wash. F.O.B. shipping point and/or Crownover, Washington. Roller gates will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$2.50 not returnable. * 25

BIDS WANTED

COLORADO PROJECT, Colo.—Until Nov. 30, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 811, for furnishing and delivering two 102-inch ring-seal gates and two sets of conduit units for installation in the outlet works at the Green Mountain Dam, Colorado-Big Thompson Project, Colo. F.O.B. shipping point and/or Kremmling, Colo. Government and conduit units will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$2.50 not returnable. * 25

BIDS WANTED

DESCHUTES PROJECT, Oregon.—Until Dec. 1, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 812, for furnishing and delivering two 96-inch ring-roller gates and two sets of conduit units for installation in the outlet works at the Wickiup Dam, Deschutes Project, Oregon; f.o.b. shipping point and/or Lapine, Ore. Gates and conduit units will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to

others \$2.00 not returnable. * 25

BIDS OPENED

COLUMBIA BASIN PROJ., Wash.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1132-D, for furnishing and delivering radio telephone apparatus consisting of two transmitters, two receivers, one gasoline-engine-driven alternator, and miscellaneous equipment for use on the Columbia Basin Project, Wash.; fob shipping point and/or Leavenworth, Washington. Apparatus will be installed by the Government. Bids were:

Northern Radio Co., Seattle, \$1,466.50; wt. 760; 2%; fob Leavenworth.

Communication Equip. & Engr. Co. Chicago \$1840; wt. 1000; 1%; fob Chicago; and Kohler, Wis. Alt., \$1768; wt. 1000.

Spokane Radio Co., Inc., Spokane, Wash., \$1389; wt. 450; 2%; fob Spokane. Alt. \$1330 (without receivers). The Rauland Corp., Chicago, \$2800; wt. 830; ½%; fob Chicago. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 21, 2 P. M., bids will be received by the Office of Indian Affairs (Irrig.), Room 523, 8th and Figueroa Bldg., Los Angeles, for three 633-kva transformers, single phase, 60 cycles, 2-300 volts delta to 6900/11950 Y volts, complete with oil, and including tests and spare bushings; fob bidder's shipping point and/or Coolidge, Ariz. Invt. FO-4. * 25

BID OPENED

SOLANO COUNTY, Calif.—E. G. Gressot, Fairfield, at \$5.50 per hour submitted only bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center equipped with Scy. LeTourneau Carryall and LeTourneau Ripper and Angledozer, for use in Solano County, Stockton, for the rental of one RD7 Caterpillar Diesel tractor to be ty. * 25

BIDS WANTED

COLORADO PROJECT.—Until November 25, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1140-D, for furnishing and delivering (1) four 667-kva, single-phase, 60-cycle, 66,000 to 2,500/4,330 Y-volt, oil-immersed, self-cooled, outdoor - type transformers; one 7,500-volt, 3-phase, 60-cycle, 600-ampere, outdoor-type, circuit breaker; and 6 7,500-volt, 600-ampere, single-phase, hook-strip-operated, outdoor - type, disconnecting switches for the Green Mountain substation;

(2) three 100-kva, single-phase, 60-cycle, 44,000 to 2,400/4,160 Y-volt, oil-immersed, self-cooled, outdoor - type transformers; three 46,000-volt, 12-ampere, expulsion-type fuses; and one 50,000-volt, three-phase, station-type, lightning arrester for the Eates Park substation;

(3) three 500-kva, single-phase, 60-cycle, 44,000 to 2,400/4,160 Y-volt, oil immersed, self-cooled, outdoor - type transformers; one 46,000 volt, 600-ampere, 3-pole, manually gang-operated, horizontal mounting, air-break switch; three 46,000-volt, 40-ampere, expulsion-type fuses; three 3,000-volt, single - pole distribution-type lightning arresters; and one 50,000 - volt, three-phase, station - type lightning arrester for the East Portal substation;

(4) three 69,000-volt, 30-ampere, expulsion-type fuses; and three 3,000-volt, single-pole, distribution-type lightning arresters for the Granby Dam substation;

and three 69,000-volt, 25-ampere, expulsion fuses; three 3,000-volt single-pole, distribution-type, lightning ar-

resters for the West Portal substation.

(6) and three 46,000-volt circuit-reclosing, 3-tube, disconnecting-type fuses; one 46,000-volt outdoor, metering set; and one 50,000-volt, three-phase, station-type lightning arrester for the Loveland Tap substation, Colorado-Big Thompson proj., Colo.

FOB shipping point and/or railroad destination. Apparatus will be installed by the Government. Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others, \$0.50, not returnable. * 25

BIDS OPENED

SAN MATEO AND SANTA CRUZ COUNTIES, Calif.—Following submitted bids to the Department of Public Works, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of one 4/10 cu. yd. truck shovel equipped with interchangeable clamshell bucket and shovel dipper for 500 hours use in San Mateo and Santa Cruz Counties, Calif.

Bids were:
C. E. Hulst, Merced, \$4.20.
Pacific Truck Service, \$4.74.
Rock & Gravel Trucking Co., Oakland, \$5.50.
Shovel and Truck Crane Service Inc., S. F., \$6.90. * 25

BIDS OPENED

SAN MATEO AND SANTA CRUZ COUNTIES, Calif.—Following submitted bids to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for rental of one not less than 35 H. P. tractor and bulldozer for approximately 500 hours work in San Mateo and Santa Cruz Counties, Calif.

Bids were:
West Construction Co., S. F., \$3.45.
O. V. Freeman, Palo Alto, \$3.70.
M. J. Patrick, San Jose, \$3.87½.
J. C. Smith, San Mateo, \$3.97.
Humbrey Estates Inc., S. F., \$4.00.
J. O. Archibald, Redwood City, \$4.15.

D. C. Stowe, Stockton, \$4.28.
Larry Granzotto, Walnut Creek, \$4.50.

Devincenzi and Haskins, San Francisco, \$4.50.

A. L. Green, Oakland, \$4.65.
A. D. Robinson, Healdsburg, \$5.00.
I. C. Karstedt, Watsonville, \$5.00.
R. P. Easley, Antioch, \$5.25.
Healy-Tibbitts Constr. Co., San Francisco, \$5.50.

Wm. E. Stoltz, Tranquility, \$5.45.
W. E. Karstedt, San Jose, \$5.50.
G. F. Murray, Modesto, \$5.90.
Lloyd Rodoni, San Jose, \$5.90.
John Jurkovich, Fresno, \$6.00. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-134, for furnishing and installing (1) four ¼-h.p. motor driven blowers complete with starter, jets, frame and motor support and necessary bolts and fittings in the magazine, Battery Davis, Fort Funston; and (2) four similar units installed in the magazines, Battery Townsley, Fort Cronkhite, Marin County.

Bids were:
United Blower Co., (1) \$1850, (2) \$1890, 2½ to 10 days.

Star Delta Electrical Works, (1) \$1832, (2) \$1872, net.

Ace Sheet Metal Works, (1) \$1991-64, (2) \$2840, net.

Ideal Ventilating and Sheet Metal Works, (1) \$1940, (2) \$1990, net.

Jas. A. Nelson Inc., (1) \$2900, (2) \$2900, net (all or none).

Globe Electric Works, (1) \$2657.50, (2) \$2673.25, net.

W. B. Baker & Co., (1) \$1980, (2) \$2016, net.

H. S. Tittle Co., (1) \$3192, (2) \$3320, net. * 25

CONTRACT AWARDED

SAN FRANCISCO.—R. G. LeTourneau at \$135 per month, f.o.b. Stockton, submitted low bid and was awarded contract by the U. S. Forest Service Regional Office, P. C. Brown, Procurement Officer, 760 Market St., San Francisco, under Bid No. 1376, for rental of a trail-bluider attachment, cable operated type, complete with double drum hoists and power takeoff; f.o.b. bidder's shipping point and/or Redding.

Total bids were:
R. G. LeTourneau, \$135 per mo., f.o.b. Stockton; \$140, f.o.b. Redding, \$1340 optional purchase price.

Petersen Tractor and Equipment Co., \$250, f.o.b. Hayward; \$350, f.o.b. Redding. \$1850 optional purchase price. * 25

BIDS WANTED

WASHINGTON, D. C.—Until Nov. 30, 11:00 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8982, for eight 40-ton and five 30-ton locomotive cranes, standard-gauge eight-wheel type, operated by gasoline engines or diesel engines at the Navy Yards, Mare Island, Calif., Philadelphia, Pa., Portsmouth, N. H., Norfolk (Portsmouth), Va., New York (Brooklyn, N. Y., Boston, Mass., Charleston, S. C., and Puget Sound (Bremerton, Wash. Est. cost, \$325,000).

Plans and specifications may be obtained on application to the Bureau or to the Commandant of any of the above mentioned Navy Yards, under deposit of \$10, payable to the Chief of the Bureau of Yards and Docks. * 25

November 10, 1938

BIDS OPENED

MARIN AND SONOMA COUNTIES, Calif.—Adams Constr. Co., Angels Camp, at \$4.45 per hour submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, S. F., for the rental of one 4/10 cu. yd. truck shovel equipped with interchangeable clamshell bucket and shovel dipper for 800 hours use in Marin and Sonoma Counties, Calif.

Total bids follow:
Adams Constr. Co., Angels Camp, \$4.45
C. E. Hulst, Merced, 4.75
A. J. McCosker, Oakland, 4.94
Eddie Landau, S. F., 5.00
Rock and Gravel Trucking Co., Oakland, 5.00
Shovel and Truck Crane Service, S. F., 5.40
G. M. Thatcher, Hayward, 6.00 * 25

BIDS OPENED

SONOMA AND MARIN COUNTIES, Calif.—Brown-Ely Co., Oakland, at \$6.90 per hour, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of one 1¼ cu. yd. capacity power shovel equipped with suitable rubber tired trailer for 680 hrs. use in Sonoma and Marin Counties, Calif.

Total bids follow:
Brown-Ely Co., Oakland, \$6.90

L. C. Smith, San Mateo, 7.95
Rock and Gravel Trucking Co., Oakland, 9.50
Healy-Tibbitts Constr. Co., San Francisco, 11.80
Williams Bros. & Haas Inc., San Francisco, 13.95

BIDS OPENED

MARIN AND SONOMA COUNTIES, Calif.—O. V. Freeman, Palo Alto, at \$3.95 per hour, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of one 40 H.P. tractor and bulldozer with suitable rubber tired trailer for 600 hours use in Marin and Sonoma Counties, Calif.

Total bids follow:
O. V. Freeman, Palo Alto, \$3.95
A. L. Green, Oakland, 4.58
A. Soda & Son, Oakland, 4.74
West Constr. Co., S. F., 4.85
Franl: J. Main, Fairfax, 5.00
A. D. Robinson, Healdsburg, 5.00
I. Lloyd Rodoni, Saratoga, 5.90
G. F. Murray, Modesto, 6.10
W. E. Warstedt, San Jose, 6.60
Roberts Island Dredging and Improvement Co., Antioch, 25

29—STREETS AND HIGHWAYS

November 10, 1938

CORRECTION—BIDS WANTED

TULARE CO., Calif.—Until Dec. 1, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for 19.848 miles placing bituminous treated surfacing on Section B (portion) and placing a top course, paving shoulders and gutters and placing seal coat on Sections C1, C2, and D1, D2, and D4, of Sequoia Route 1, Generals Highways, Sequoia National Park, Tulare Co., Calif.

Work involves:
(1) 2,000 c.y. unclass. excav.;
(2) 450 c.y. unclass. excav. for structures;
(3) 4.109 miles fine grading subgrade and shoulders;
(4) 45,000 sq. yds. preparation of subgrade for shoulders and gutter paving;
(5) Force account selected borrow gutter backfill;
(6) 750 M. gals. watering;
(7) Lump sum water plant or plants for project;
(8) 18,300 tons crushed rock base course;
(9) 100 tons cutback asphalt (Type MC-1a) for prime coat;
(10) 16,500 tons Class F dense plant mixture (grading A);
(11) 810 tons cutback asphalt (Type MC-4 or 5) for plant mixture;
(12) 1960 tons cover aggregate;
(13) 270 tons 90-95 liquid asphalt for seal coat;
(14) 90 tons cutback asphalt (Type RC-1) for seal coat;
(15) 650 c.v. dry rubble masonry;
(16) 120 lf. 8-inch corr. galv. sheet metal pipe;
(17) 3 each 8-inch corr. galv. sheet metal pipe elbows;
(18) 676 lf. 8-inch perforated corr. sheet metal pipe underdrains;
(19) 150 sq. yds. mortar backfill seal;
(20) 700 sq. yds. grouted rubble gutter;
(21) Force account, one way traffic control and sanding asphalt material.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

BIDS WANTED

PHOENIX, Maricopa County, Ariz.—Until Nov. 21, 7:30 P. M. bids will be received by the Phoenix City Commission, City Hall, for the improvement of portions of Wilshire Drive and Third, Virginia and Central Avenues in the City of Phoenix.

Plans and specifications may be obtained from James Girard, Superintendent of Streets, Phoenix, upon the deposit of \$5.00. * 29

BIDS WANTED

PHOENIX, Maricopa County, Ariz.—Until Nov. 21, 7:30 P. M. bids will be received by the Phoenix City Commission, City Hall, for the improvement of portions of Edgemont and Central Avenues in the City of Phoenix.

Plans and specifications may be obtained from James Girard, Superintendent of Streets, Phoenix, upon deposit of \$5.00. * 29

CONTRACT AWARDED

NAVAJO COUNTY, Ariz.—N. G. Hill, Phoenix, at \$237,813 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Showlow-Holbrook Highway, FA 136-A (1) (1953) AEE 7704. The work, which is to begin near Showlow and to extend northerly about 9.8 miles, consists of grading and draining over a new alignment and is to be completed on or before July 31, 1939.

COMPLETE BIDS

TUCSON, Ariz.—White & Miller, Tucson, at \$131,740.47, submitted low bid to the Tucson city council for improving streets in Fourth Avenue and 22nd St. District Paving Improvement, Contract No. 2, in accordance in plans and specifications prepared by Geo. W. Seeley, City Engineer. This is a PWA project, grant \$92,481.

The total bids were:
White & Miller, Tucson, \$131,740.47.

Tanner Constr. Co., Phoenix, \$134,423.80.
Pearson & Dickerson, Prescott, Ariz., \$135,186.18. * 29

CONTRACT AWARDED

WHITE PINE CO., Nev.—Fredrickson and Westbrook, P. O. Box 138, Lower Lake, at \$79,203.77 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for approx. 0.85 miles construction of the State Highway in East Ely, Route 2, Section D3, including the construction of a concrete and steel overpass, White Pine County, Nevada.

Nevada Rock and Sand Co., Inc., Reno, at \$82,448.43 submitted second low bid.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

WASHOE CO., Nevada—Nevada Rock and Sand Co., Inc., Reno, at \$3,102 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, for construction of grade crossing signals on the State Highway, at Washoe City crossing of the Virginia and Truckee Railway, Route 3, Section A2, Washoe County.

Bennett and Taylor, Los Angeles, at \$3,545 submitted second low bid.

Complete bids will be published shortly. * 29

BIDS WANTED

SAN FRANCISCO—Until Nov. 23, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for the improvement of LaSalle Ave. bet. Mendell and 3rd St. Est. cost, \$9,200.

- Work involves:
- (1) 1100 c.y. grading (excavation);
 - (2) 500 c.y. grading (fill);
 - (3) 730 lf. unarmored conc. curb;
 - (4) 360 sq. ft. 2-course conc. sidewalk;
 - (5) 17,300 sq. ft. 6-in. Class E conc. pavement;
 - (6) 1,000 sq. ft. asphalt-conc. pavement, consisting of 6-in. Class E 5-sack concrete base and 2-in. asph. concrete wearing surface;
 - (7) 15 tons asphaltic concrete conform pavement;
 - (8) 1200 sq. ft. asphaltic concrete wearing surface removed;
 - (9) 200 sq. ft. 8-in. Class E 5-sack concrete parking lane;
 - (10) 600 sq. ft. existing conc. parking lane pavement removed;
 - (11) 3 brick manholes complete;
 - (12) 2 brick catchbasins, complete;
 - (13) 60 lf. 10-in. VCP culvert, in place;
 - (14) 42 lf. 12-inch VCP sewer, in place;
 - (15) 330 lf. 8-in do;
 - (16) 26 lf. 8x6-in. Y branches, in place;
 - (17) 676 lf. 6-in. VCP side sewer, in place;
 - (18) 26 water services;
 - (19) 345 lf. water main.
- Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00. * 29

BIDS OPENED

SISKIYOU CO., Calif.—Albert E. Mangs and Associates, 666 Mission St., San Francisco, at \$41,944.05 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for replacement of existing structures on 0.306 miles at Louis, Butler and Merrill Creeks, Section A of Route 93, the Salmon River National Forest Highway, Klamath National Forest, Siskiyou County, Calif.

- Work involves:
- (1) 1 acre clearing;
 - (2) 1 acre grubbing;
 - (3) 8,000 cu. yds. unclass. excav.;
 - (4) 600 c.v. unclass. excavation for structures;
 - (5) 61 c.y. Class A concrete;
 - (6) 140 c.y. Class B concrete;
 - (7) 78 c.v. Class B concrete;
 - (8) 33,000 lbs. reinf. steel;
 - (9) 67,500 lbs. struc. steel;
 - (10) 455 c.y. loose rock retaining wall;
 - (11) 50 lf. 12-inch corr. galv. sheet metal pipe;
 - (12) 30 lf. 18-inch do.
 - (13) 60 lf. 12-inch corr. galv. multi-plate metal pipe (5 gage);
 - (14) 10 lf. 120-inch do (7 gage);
 - (15) 20 lf. 120-inch do (8 gage);
 - (16) 35 lf. 135-inch do (5 gage);
 - (17) 50 lf. 135-inch do (7 gage);
 - (18) 127 c.v. hand laid riprap.

Total bids follow:
(A) Albert E. Mangs & Associates, San Francisco, \$41,944.05.
(B) A. A. Tieslau, Berkeley, \$53,986.50.

Unit prices follow:

	(A)	(B)
(1)	\$210.00	\$400.00
(2)	210.00	300.00
(3)	1.05	1.25
(4)	3.30	9.00
(5)	22.30	50.00
(6)	23.50	41.00
(7)	31.75	50.00
(8)	.065	.07
(9)	.125	.12

(10)	490	500
(11)	190	160
(12)	2.70	2.25
(13)	59.00	65.00
(14)	50.50	60.00
(15)	50.10	55.00
(16)	62.75	75.00
(17)	53.00	65.00
(18)	8.00	7.00

November 9, 1938

BIDS WANTED

SACRAMENTO, Calif.—Until Nov. 18, 4:00 P. M. (opened 8:15 P. M.) bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of the alley between Second Avenue and Third Avenue from the easterly line of 30th St. to the westerly line of Alhambra Blvd., in the City of Sacramento.

Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

LASSEN COUNTY, Cal.—Until November 22, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, District II, Redding, for about 0.6 mile grading and surfacing with gravel and applying penetration oil treatment between 3 miles south of Standish and Wendell (II-Las-Feeder Road), Lassen County.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

WASHOE COUNTY, Nev.—Nevada Rock and Sand Co., Inc., Reno, at \$3,103.00 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for construction of grade crossing signals on the State Highway, at Washoe City crossing of the Virginia and Truckee Railway, Rte. 3, Section A2, Washoe Co. The work involves 123 flashing light signals.

Total bids follow:
Nevada Rock and Sand Co., Inc., Reno, \$3,103.00.
BeBennet and Taylor, L. A., \$3,545.
Duncan J. McDonald, Pontiac, Mich., \$3,614.00.
Western Railroad Supply Co., Chicago, Ill., \$3,815.00. * 29

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 25, 10:00 A. M., bids will be received by Colorado River Indian Irrigation Project, Room 340, Eighth and Figueroa Bldg., Los Angeles, for reconstruction and resurfacing with oiled road mix of approx. 2 miles of Metropolitan Water District highway 2 miles east of Earp, Calif. Inv. 497.

The proposed work consists of reconstruction and raising approx. 11,000 feet of highway necessary because of the installation of the diversion dam for the Colorado River project and involves relocation of 4700 feet of highway and raising of the grade of 6300 ft. The construction is in two different locations: the first 2 miles above Earp and involves relocation of 4700 ft. of highway and raising of 2200 ft. of roadway; the second part is located 13,000 ft. upstream from the first location and consists of raising the road surface approx. 4100 ft. of highway. Contractor will do all earthwork, including all fill, excavation of all classes of material and install all road surface; government will install necessary culverts including headwalls.

Work involves:

- (1) 16,000 c.y. common excav.
- (2) 14,000 c.y. temple bar excav.
- (3) 8,000 c.y. rock excav.
- (4) 52,700 sta. yds. overhaul
- (5) 85,000 c.y. borrow (common)
- (6) 2500 c.y. furnishing and placing gravel
- (7) 27,000 sq. yds. oiling and finishing.

Plans and specifications may be obtained from the above office without charge. 29

CONTRACT AWARDED

SAN BENITO CO., Calif.—Lee J. Imnell, 1031 Evelyn Street, Berkeley, at \$5,787.60 awarded contract by the Regional Director, Region No. 4, National Park Service, Sheldon Building, San Francisco, for asphalt wearing surface on approximately 1.73 miles entrance road, Pinnacles National Park, San Benito Co., Calif. 29

CONTRACTS AWARDED

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, Olympia, awarded contracts for highway construction as follows:

Yakima County: Clearing, grading, draining, surfacing, manufacturing mineral aggregate (oil rock) and constructing treated pipe and timber trestles on about 8.2 miles of Secondary State Highway No. 3-B, Toppenish Creek to End of Pavement, U. S. Public Works Project No. Wash. 1559-F (Unit 2), in Yakima County, Washington, involving about 172,845 cubic yards of excavation, 44,640 cubic yards of selected roadway borrow, 30,680 cubic yards of crushed stone surfacing, 4,000 cubic yards of mineral aggregates (oil rock), 145 cubic yards of concrete, 3,640 pounds of steel reinforcing bars, 97 M. B. M. of treated and 5 M. B. M. untreated timber and lumber, 3,000 linear feet of treated timber piling, 2,621 linear feet of pipe culverts and other items.

Awarded: Max Kunev, Hutton Bldg., Spokane, \$134,839.

Clark County: Clearing, grading, draining of about 45 miles of Primary State Highway No. 1, Pioneer to East Fork of Lewis River, Federal Aid Project No. 90-B (1) (Unit 1), in Clark County, Washington, involving about 24 acres of clearing, 305,750 cubic yards of excavation, 1,070 cubic yards of crushed stone surfacing, 366 cubic yards of concrete, 45,640 pounds of steel reinforcing bars, 3,629 linear feet of pipe culverts and other items.

Awarded: Harold Blake, 400 North Thompson, Portland, \$86,405.

Clark County: Clearing, grading, draining, and constructing a reinforced concrete and steel bridge on about 0.7 miles of Primary State Highway No. 1, East Fork of Lewis River Bridge and Approaches, Federal Aid Project No. 90-B (1) (Unit 2), in Clark County, Washington, involving about 12 acres of clearing, 104,360 cubic yards of excavation, 350 cubic yards of crushed stone surfacing, 2,581 cubic yards of concrete, 358,300 pounds of steel reinforcing bars, 353,000 pounds of carban and 370,000 pounds of silicon structural steel, 8,150 pounds of cast steel, 12,880 linear feet of untreated timber piling, 498 linear feet of pipe culverts and other items.

Awarded: L. H. Hoffman, 715 SW Columbia, Portland, \$174,126. 29

BIDS WANTED

STATE OF OREGON.—Until Nov. 18, 9 A. M., bids will be received by the Oregon State Highway Commis-

sion, Public Service Bldg., Portland, for 7.43 miles grading and 0.57 mile oiling, Pendleton—State Farm Section of Oregon—Washington Highway, Federal Aid Project No. 170-B (2). Requires approx. 198,000 c.y. excavation; 42,000 c.y. pitrun gravel roadbed topping; and 7400 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. 29

BIDS WANTED

LINCOLN CO., Nev.—Until Nov. 22, 2:45 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for construction of approx. 9.95 miles state highway from a point approx. one-half mile north of Panaca Junction to Ploche, Route 7 Section C, Lincoln Co., Nev.

Work involves:

- (1) 50 hrs. 75 H. P. Crawler type tractor;
- (2) 50 hrs. 10 ft. blade grader;
- (3) 30 hrs. 75 H.P. tractor with carryall;
- (4) 30 hrs. 75 H. P. tractor with bulldozer and angledozer;
- (5) 100 hrs. motor grader with scarifier;
- (6) 50 hrs. 1½-ton truck;
- (7) 33 acres clearing;
- (8) 6 c.y. remove concrete;
- (9) 401 l.f. remove culvert pipe;
- (10) 18 each remove headwalls;
- (11) Lump sum remove concrete flume;
- (12) 10 c.y. remove mortar rubble masonry wall;
- (13) Lump sum remove porch;
- (14) Lump sum move building;
- (15) 103,550 c.y. roadway excav. "A";
- (16) 107,250 c.y. roadway excav. "B";
- (17) 4,400 c.y. drainage excav.;
- (18) 120 sta. "V" type ditches;
- (19) 210 sta. slope rounding;
- (20) 361,700 yd. sta. overhaul (yd sta.);
- (21) 3,160 yd. mile overhaul (yd ml);
- (22) 1,595 c.y. structure excav.;
- (23) 1,480 c.y. backfill;
- (24) 9,952 mile subgrade type "B";
- (25) 5,000 M gal. water;
- (26) 41,600 tons type 1 gravel base;
- (27) 36,000 tons gravel surface;
- (28) 94 c.y. class "A" conc.;
- (29) 36 c.y. class "B" conc.;
- (30) 9,360 lbs. reinforcing steel;
- (31) 315 c.y. mortar rubble masonry;
- (32) 316 l.f. 15-in. corr. metal pipe;
- (33) 878 l.f. 18-in. corr. metal pipe;
- (34) 722 l.f. 24-in. corr. metal pipe;
- (35) 82 l.f. 30-in. corr. metal pipe;
- (36) 134 l.f. 36-in. corr. metal pipe;
- (37) 284 l.f. relay culvert pipe;
- (38) 36 each move pipe culvert head-walls;
- (39) 46 c.y. class "A" conc, curb and gutter;
- (40) 315 lbs. castings;
- (41) 1 lump sum 4 ft. steel gate;
- (42) 126 each monuments;
- (43) Lump sum construct cesspool;
- (44) 57 l.f. pipe railing;
- (45) 218 sq. yds. gravel footpaths;

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or from District office of the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon the deposit of \$10.00, \$5.00 of which will be refunded. 29

AWARD RECOMMENDED

SIERRA COUNTY, Calif.—Fredrickson & Westbrook, P. O. Box 138, Lower Lake, at \$44,364.40, recommended for award of contract by the U. S. Bureau of Public Roads, District Engineer C. H. Sweetser, Federal Office Bldg., Civic Center, San

Francisco, for grading Section A of Route 28, the Calpine-Clio National Forest Highway, Tahoe and Plumas National Forests, Sierra Co., a distance of 2.606 miles. 29

BIDS WANTED

SIERRA and Nevada Cos., Calif.—Until November 29, 2 P. M., bids will be received by the U. S. Bureau of Public Works, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for constructing road mix surface course on 7.918 miles of Sections B and C, Route 22, Sierraville-Hobart National Forest Highway Tahoe National Forest, Sierra and Nevada Counties.

Work involves:

- (1) 7.918 miles SC-1 road mix surfacing liquid;
- (2) 705 tons cutback asphalt MC-3 for Class C (road mix);
- (3) 50 tons cutback asphalt RC-2 for Class C (real);
- (4) 76 culvert markers.

Plans and specifications may be obtained from the above office upon deposit of \$10. 29

BIDS WANTED

PERSHING and Humboldt Counties, Nev.—Until November 22, 1:30 P. M., bids will be received by the State of Nevada directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for reconstruction of approx. 7.86 miles of state highway from a point approx. 0.3 mile southwest of Pershing - Humboldt County line to a point approx. five miles southwest of Winnemucca, Route 1, Sections E. A1 and A2, in Pershing and Humboldt Counties.

Work involves:

- (1) 80 hours 75-h.p. crawler type tractor;
- (2) 80 hour 10-ft. blade grader (pull type);
- (3) 40 hours 75-h.p. tractor with power scraper;
- (4) 300 hours motor grader;
- (5) 250 hours 1½-ton dump truck;
- (6) 29,222 tons selected, special detours;
- (7) 68,551 ton miles haul on selected detour surfacing;
- (8) 1255 l.f. remove fence;
- (9) 216 l.f. remove culvert pipe;
- (10) 12 each remove headwalls;
- (11) lump sum, remove overpaas;
- (12) 82,738 sq. yds. remove and relay roadmix bitum. surface;
- (13) 60,500 c.y. rdwy. excav.;
- (14) 2750 c.y. drainage excav.;
- (15) 142 sta. "V" type ditches;
- (16) 128,054 c.y. borrow;
- (17) 281 sta. slope rounding;
- (18) 724,100 yd. sta. overhaul
- (19) 56,600 yd. mt. overhaul;
- (20) 3140 c.y. struc. excav.;
- (21) 2430 c.y. backfill;
- (22) 7.82 miles subgrade, type B;
- (23) force account, roadside cleanup;
- (24) 4881 M. gals. water;
- (25) 31,700 tons type 1 gravel base;
- (26) 35,300 tons type 2 gravel base (1-in. ch. size);
- (27) 9046 tons gravel surf. (shoulders);
- (28) 256 tons liquid asphalt, type SC-1A (prime);
- (29) 159 tons do. type SC-2 (prime);
- (30) 756 tons screenings;
- (31) 54 tons emulsified asph. penetration;
- (32) 632 tons liquid asphalt, type MC 3 or MC-4;
- (33) 12,654 tons Class F-1 plant-mix bit. surf.;
- (34) 614 c.y. Class A concrete;
- (35) 9 c.y. Class B concrete;
- (36) 223 c.y. Class D concrete;
- (37) 95,140 lbs. reinf. steel;
- (38) 271,300 lbs. struc. steel;
- (39) 900 l.f. treated timber piles;
- (40) 10 each drive timber piles;
- (41) 32 l.f. 8-in. corr. metal pipe;

- (43) 78 lf. 12-inch do;
- (44) 196 lf. 18-inch do;
- (45) 94 lf. 24-inch do;
- (46) 36 lf. 30-inch do;
- (47) 208 lf. relay culvert pipe;
- (48) 10 each move pipe culvert head-walls;
- (49) 500 lbs. castings;
- (50) 4720 lf. beam type metal guard rail;
- (51) 34 each culvert markers;
- (52) 48 each guide posts;
- (53) 426 lf. construct fence;
- (54) 1255 lf. reconstruct fence;
- (55) 44 each monuments;
- (56) 350 cu. ft. sidewalk filler;
- (57) 428 lf. structural steel railing;
- (58) 950 sq. ft. blast plates;
- (59) 753 each 6-ft. metal stretcher;
- (60) 232 each 4-ft. metal header;
- (61) 87 each 6-ft. metal header;
- (62) 145 each 8-ft. metal headers;

Concrete Cribbing (Alternate B)
 (63) 390 each 6x8-in. conc. stretcher;
 (64) 591 each 6x8-in. do;
 (65) 233 each 6x10-in. do;
 (66) 136 each 5x8-in. conc. header;
 (67) 522 each 5x10-in. do;
 (68) 4 each embankment protectors;
 (69) 29 c.y. remove concrete;

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00, of which \$5.00 will be refunded. * 29

BIDS WANTED

ELKO COUNTY, Nev.—Until Nov. 22, 2:15 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nev., for construction of approx. 4.79 miles of the state highway system from a point approx. 5 miles south of North Fork to North Fork, Route 43, Section B, Elko County, Nev.

- Work involves:
- (1) 26 acres clearing;
 - (2) 222 lf. remove culvert pipe;
 - (3) 16 each remove headwalls;
 - (4) 2 each remove culverts (timber)
 - (5) 27,300 c.y. rdwy. excav.;
 - (6) 1730 c.y. drainage excav.;
 - (7) 55 sta. "V" type ditches;
 - (8) 15,936 c.y. borrow;
 - (9) 35 sta. slope normal;
 - (10) 15,900 yd. sta. overhaul;
 - (11) 10,960 yd. m. overhaul;
 - (12) 610 c.y. strck. excav.;
 - (13) 720 c.y. backfill;
 - (14) 4.79 miles subgrade, Type C;
 - (15) 10 M. gals. water;
 - (16) 16,900 tons type 1 gravel base;
 - (17) 11,007 tons type 2 gravel base (1/2-in. size);
 - (18) 128 c.y. Class A concrete;
 - (19) 48 c.y. Class B concrete;
 - (20) 14,050 lbs. reinf. steel;
 - (21) 790 lf. 18-in. corrugated metal pipe (dipped);
 - (22) 208 lf. 24-inch do;
 - (23) 106 lf. 30-inch do;
 - (24) 118 lf. 36-inch do;
 - (25) 48 lf. relay culvert pipe;
 - (26) 40 each monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00, of which \$5.00 will be refunded. * 29

BID OPENED

SAN FRANCISCO.—West Constr. Co., 1129 Irving Street, San Francisco, at \$5,795.50 submitted only bid to the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Gates St. between Powhattan Ave. and Bernal Heights Blvd. Estimated cost \$4,987.

- Work involves:
- (1) 2,000 c.y. grading (excav.);
 - (2) 185 c.y. grading (fill);
 - (3) 7600 sq. ft. 6-inch Class "E" Concrete pavement;
 - (4) 526 lf. unarmored concrete curb;
 - (5) 147 sq. ft. two-course concrete sidewalk;
 - (6) 249 lf. 8-inch V.C.P. sewer, in place;
 - (7) 18 8-inch by 6-inch V.C.P. Y-brances, in place;
 - (8) 44 lf. 12-inch V.C.P. sewer, in place;
 - (9) 252 lf. 6-inch V. C. P. side-sewers, in place;
 - (10) 3 brick manholes, complete;
 - (11) 3 brick catchbasins, complete;
 - (12) 78 lf. 10-inch V.C. P. culvert, in place;
 - (13) 12 water services.

Unit prices follow:
 (1) \$0.75, (2) \$0.10, (3) \$0.24, (4) \$1, (5) \$0.15, (6) \$2, (7) \$2, (8) \$3, (9) \$1.50, (10) \$100, (11) \$100, (12) \$1.50, (13) \$12.

BIDS WANTED

STATE OF OREGON.—Bids will be received by the Oregon State Highway Commission, Public Service Bldg., Portland, for highway construction, as follows:

NOVEMBER 17, 9 A. M.:
Jackson County: North Unit Bear Canyon-State Line Section of Pacific Highway; Federal Aid Project No. 190-J (1); 2.29 miles grading. Requires 447,000 c.y. excavation; 250 c.y. concrete; 40,000 lbs. metal reinforcement; and placing of 1,000 c.y. surfacing.

Klamath County: Main Street Undercrossing in Klamath Falls; Federal Aid Grade Crossing Proj. No. FAGM 37-A (1). Requires approximately 22,000 c.y. excavation; removal of 6,300 sq. yds. old pavement; removal of curbs, sidewalks, and catch basins; 2,300 lf. 9-in. perf. corrugated iron pipe; 1,900 c.y. of crushed rock in base and surfacing; 6,000 sq. yds. concrete pavement; 1,250 c.y. Class D concrete; 10,000 lbs. metal reinf.; 240,000 lbs. structural steel; 1,700 sq. ft. membrane waterproofing; 430 sq. ft. asphalt plank; 910 lf. steel handrail; 500 lf. 10-inch cast iron pipe; pumping equipment; traffic signal system and electric wiring and lighting.

Klamath County: Odell Lake-Walker Mountain Section of Willamette Highway; Federal Aid Projects Nos. 184-A (2) and 195-A (2); 23.0 miles surfacing and oiling; also furnish 6,000 c.y. crushed rock in stock pile. Requires approx. 66,000 c.y. pit-run gravel; 36,800 c.y. crushed rock; and 1,030 tons asphaltic road oil.

Umatilla County: State Hospital-Ash Street Unit of Pendleton Landscaping Project on Old Oregon Trail; Federal Aid Project No. 38-C (2). Requires construction of pump house; furnishing electrically-driven pump; installing of pipe line irrigating system; and planting of 200 trees.

NOVEMBER 18, 9 A. M.:
Crook County: Ochoco Dam-Marks Creek Section of Ochoco Highway; Federal Aid Projects Nos. 175-B (2) and 175-C (2); 7.68 miles grading; 132 lf. composite trestle bridges; 10 miles surfacing and oiling; also furnish 4,400 c.y. crushed rock in stock piles. Requires approx. 213,000 c.y. excavation; 195 c.y. concrete; 24,600 lbs. metal reinf.; 43 MFEM treated and untreated lumber; 300 lf. concrete handrail; 69,400 c.y. crushed rock; and 570 tons asphaltic road oil.

Deschutes County: Roadside oasis at Brothers on Central Oregon Highway; Federal Aid Project No. 147-H (2). Requires construction of pump house; furnishing of pump and gas engine; installing pipe line irrigating

system; construction of 98 rods of woven wire fence; and planting of 500 trees and shrubs and 3 acres of grass.

Malheur County: Jamieson - Lancaster Section of John Day Highway; Federal Aid Project No. 164-B (1); 7.04 miles grading, surfacing and oiling; construction of two 15-foot timber bridges; and furnish 2,700 c.y. crushed gravel in stock piles. Requires approximately 91,000 c.y. of excavation; 46 c.y. concrete; 7,400 lbs. metal reinf.; 19 MFEM treated lumber; 6,000 c.y. salvaged surfacing 36,000 c.y. gravel roadbed topping; 4,000 c.y. crushed gravel; and 260 tons asphaltic road oil.

Marion County: State Project. Construction of frame building approximately 25x162-ft. for car storage on the property of the Oregon State Highway Commission at the east city limits of Salem.

Multnomah County: Corbett Station-Rooster Rock Section of Columbia River Highway; Federal Aid Project No. 248-A (1); 2.26 miles clearing; 0.37 mile grading and 1.15 miles rock toe embankment. Requires approximately 217,000 c.y. excavation; 25,500 lf. foundation piling; 1,070 c.y. concrete; and 112,000 lbs. metal reinforcement.

Yamhill County: Sheridan-Polk Co. Line Section of Sheridan-Lincoln Co. Road; Federal Aid Project No. 261-B (1); 2.90 miles grading, surfacing, and oiling. Requires approximately 8,600 c.y. excavation; 10,600 c.y. of rock or gravel surfacing materials; and 126 tons asphaltic road oil.

Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon the deposit of \$5.00. * 29

BIDS OPENED

ALPINE COUNTY, Cal.—Johnston Rock Co., Inc., Weber Ave. and "E" Street, Stockton, at \$82,049.50 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing bridge on 3.229 miles of Section B of Rte. 87, near Clark Fork National Forest Highway, Stanislaus National Forest, Alpine County.

- Work involves:
- (1) 21 acres clearing;
 - (2) 21 acres grubbing;
 - (3) 52,500 c.y. unclass. excav.;
 - (4) 1250 c.y. do for struc.;
 - (5) 12,700 c.y. do for borrow;
 - (6) 237,000 sta. yds. overhaul;
 - (7) 3,230 miles finishing earth graded road;
 - (8) 73 c.y. concrete, Class A;
 - (9) 88 c.y. concrete, Class B;
 - (10) 34 c.y. concrete, Class D;
 - (11) 15,000 lbs. reinf. steel;
 - (12) 32,500 lbs. struc. steel;
 - (13) 380 c.y. Class B cement stone masonry;
 - (14) 52 c.y. cement rubble masonry;
 - (15) 116 c.y. loose rock retaining wall
 - (16) 1022 lf. 18-in. corru. galv. sheet metal pipe;
 - (17) 816 lf. 24-in. do;
 - (18) 224 lf. 30-in. do;
 - (19) 75 c.y. loose riprap;
 - (20) 40 lbs. bronze bearing plates;
 - (21) 44 each culvert markers;
 - (22) 2 each guide posts;
 - (23) force account, fire protection.

Total bids follow:
 (A) Johnston Rock Co., Inc., Stockton, \$32,049.50.
 (B) West Const. Co., San Francisco, \$93,693.00.
 (C) Larsen Bros. & Harms Broa., Sacramento, \$98,173.00.
 Unit bids follow:

	(A)	(B)	(C)
(1).....	\$350.00	\$600.00	\$700.00
(2).....	150.00	100.00	200.00

(3)	.65	.83	.70
(4)	1.75	2.00	2.00
(5)	.35	.40	.45
(6)	.02	.02	.01
(7)	300.00	300.00	300.00
(8)	32.50	34.00	40.00
(9)	31.00	29.00	40.00
(10)	34.00	28.50	45.00
(11)	.06	.05	.10
(12)	.09	.08	.10
(13)	18.00	15.00	25.00
(14)	22.00	10.00	20.00
(15)	4.00	5.00	5.00
(16)	2.25	2.00	2.00
(17)	3.25	3.00	3.50
(18)	4.25	5.00	5.00
(19)	3.50	4.00	10.00
(10)	1.00	.40	.50
(21)	3.00	4.00	3.00
(22)	8.00	5.50	5.00
(23)	150.00	150.00	150.00
			29

BIDS WANTED

STATE OF WASHINGTON—Until November 22, 10 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for highway construction, as follows:

Spokane Co.: Paving with Portland cement concrete about 1.3 miles of Primary State Highway No. 3, Spokane South, Spokane County; Federal Aid Project.

Okanogan County: Clearing, grading, surfacing, manufacturing and stockpiling mineral aggregates (oil rock) and constructing steel and concrete railway undercrossing on about 2.3 miles of Primary State Highway No. 10, Brewster Vicinity, Section 1, FAP 277-A and FAGH 277-B, Okanogan County.

King & Snohomish Counties: Clearing, grading, draining, surfacing on 6.6 miles of Secondary State Highway 1-A, Woodinville to Snohomish, FAS 35-A, King and Snohomish Cos.

Klickitat County: Clearing, grading draining and surfacing on 3.5 miles of Secondary State Highway 8-E, Alderdale to Benton county line, FAS 42-A, Klickitat and Benton Counties.

Whitman County: Clearing, grading, draining and surfacing on about 2.7 miles of Secondary State Highway 11-C, St. John East, FAS 276-B Whitman County.

Pacific County: Clearing, grading, draining, surfacing, manufacturing & stockpiling surfacing materials and mineral aggregates (oil rock) and constructing light bit. surf. treatment and nonskid seal (single seal) treatment on about 11.1 miles of Secondary State Highway 12-A, Seaview to Ocean Park, FAS 31-A, Pacific County.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. 29

BIDS WANTED

ORANGE CO., Calif.—Until Dec. 1, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.7 mile grading and paving with Portland cement concrete between Santiago Blvd. and Santa Ana Canyon Road (VII-94-43-B) Orange County, Calif.

- Work involves:
- (1) 38 sta. clear and grub;
 - (2) 1,000 M gals. water;
 - (3) 226 cy. remove conc.;
 - (4) 80,000 cu. roadway excav. without class;
 - (5) 1,000 c.y. struc. excav.;
 - (6) 1,050 c.y. ditch and channel excavation;
 - (7) 605,000 sq. yds. overhaul;
 - (8) 38 sta. finish roadway;
 - (9) 5,000 tons import subgrade material;
 - (10) 8,300 sy. yds. prepare subgrade;

- (11) 10 tons liq. asph. SC-2 prime coat;
 - (12) 330 tons min. agg. plant mix surf;
 - (13) 700 sq. yds. asph. paint binder;
 - (14) 18 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
 - (15) 9,000 sq. yds. prepare mix and shape shoulders;
 - (16) 110 tons liq. asph. SC-2 shoulders;
 - (17) 17,000 lbs. bar reinf. steel pave. and structs.;
 - (18) 3,500 each pave. dowels;
 - (19) 350 each pave. tie bolt assemblies;
 - (20) 1,860 c.y. class B Port. cement conc. pave.;
 - (21) 105 c.y. class A Port. cement concrete structa.;
 - (22) 1,200 lbs. misc. iron and steel.
 - (23) 210 l.f. 8 in. CMP;
 - (24) 12 l.f. 12 in. CMP;
 - (25) 430 l.f. 24 in. CMP;
 - (26) 160 l.f. 30 in. CMP;
 - (27) 7 each spillway assemblies;
 - (28) 550 l.f. 8 in. pervf. metal pipe underdrains;
 - (29) 110 c.y. rock fill material;
 - (30) 110 c.y. sand filling material;
 - (31) 10 each culvert markers;
 - (32) 1.2 miles new property fence;
 - (33) 6 each drive gates.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. 29

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Claude Fisher Co., Ltd., 2455 East 55th St., Los Angeles, at \$154,870.15 awarded contract by the State Division of Highways, Sacramento, for about 0.8 mile of grading and paving with Portland cement concrete, asphalt concrete and plant mix surfacing and constructing two bridges, Arroyo Seco Parkway between Hough Street and Meridian Ave., Los Angeles County. 29

CONTRACT AWARDED

SANTA CLARA CO., Cal.—Granfield-Farrar & Carlin, 67 Hoff Street, San Francisco, at \$355,731.60 awarded contract by the State Division of Highways, Sacramento, for about 2.6 miles grading and surfacing with gravel base and armor coat and constructing two reinforced concrete girder bridges, between one mile east of Bell Station and 3 miles west of the Merced County Line, Santa Clara County. 29

30—RESERVOIRS & DAMS

BIDS WANTED

BONNEVILLE, Ore.—Until Dec. 1, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-57, for constructing a total of about 26,590 l.f. pipe dikes in the Columbia River at 32 different sites located between the Interstate Bridge at Vancouver, Wash., and Dodson, Oregon.

- Work involves:
- SECTION 1**
 - (1) 182,300 l.f. piling, in place;
 - (2) 107.4 MFMB lumber, in place;
 - (3) 39,900 lbs. hardware, in place;
 - (4) 6,800 c.y. shore rock, in place;
 - (5) 10,300 c.y. water rock, in place;
 - (6) 1,000 each metal pile shoes, in place.
 - SECTION II**
 - (1) 172,700 l.f. piling, in place;
 - (2) 94.3 MFMB lumber, in place;
 - (3) 38,700 lbs. hardware, in place;
 - (4) 12,700 c.y. shore rock, in place;
 - (5) 11,600 c.y. water rock, in place;
 - (6) 1,000 each metal pile shoes, in place.
 - SECTION III**
 - (1) 291,200 l.f. piling, in place;

- (2) 176.0 MFMB lumber, in place;
 - (3) 68,500 lbs. hardware, in place;
 - (4) 14,100 c.y. shore rock, in place;
 - (5) 15,100 c.y. water rock, in place;
 - (6) 1,500 each metal pile shoes, in place.
- TOTAL FOR SECTIONS 1, 2 and 3**
- (1) 646,200 l.f. piling, in place;
 - (2) 377.7 MFMB lumber, in place;
 - (3) 147,100 lbs. hardware, in place;
 - (4) 33,600 c.y. shore rock, in place;
 - (5) 37,000 c.y. water rock, in place;
 - (6) 3,500 each metal pile shoes, in place.
- Plans and specifications may be obtained from the above office. 30

BIDS OPENED

STANISLAUS CO., Calif.—Williams Bros. & Haas Inc., 1104 Merchants Exchange Building, San Francisco, at (1) \$0.0749, (2) \$0.01 submitted low bid and was awarded contract by the Stanislaus County Board of Supervisors, C. C. Eastin, Clerk, Court House, Modesto, for the construction of a continuation of a levee in Reclamation District No. 1604, Stanislaus County, Calif.

Bids taken on:

- (1) Levee work, per cu. yd. in place;
- (2) Additional overhaul per cu. yd. in excess of 300 feet.

Complete bids follow:
Williams Bros. & Haas Inc., S. F., (1) \$0.0749, (2) \$0.01.
H. Sykes, Patterson, (1) \$0.085, (2) \$0.01.
George French Jr., Stockton, (1) \$0.09, (2) \$0.0075.
G. E. Murray, Modesto, (1) \$0.094, (2) \$0.004.
Harry J. Wolle, Palo Alto, (1) \$0.094, (2) \$0.25.
Adams Bros., (1) \$0.1375, (2) \$0.0075.
M. J. B. Constr. Co., Stockton, (1) \$0.135, (2) \$0.027.
M. J. Ruddy, Modesto, (1) \$0.135, (2) \$0.038. 30

BIDS WANTED

OCEANSIDE, San Diego Co., Calif. Until November 16, 7:30 P. M., bids will be received by the Oceanside City Council for the construction of revetments, levee, and pilot channel on San Luis Rey River near Oceanside, in accordance with plans and specifications which may be obtained from John H. Landes. Certified check or bond for 10 per cent must accompany each proposal. Ernest A. Taylor, St. Supt. and City Engr. The work involves:

- (1) 13,500 cu yds earthenwork
- REVETMENT**
 - (2) 100 pcs 2-in pipe 10-ft long;
 - (3) 256 pcs 2-in pipe 20-ft long;
 - (4) 184 pcs 70-lb rail 30-ft long;
 - (5) 2,400 ft 3/4-in cable;
 - (6) 3,688 ft 5/8-in Elwood type I fencing;
 - (7) 1,100 ft 50-in Elwood type I fencing;
 - (8) 2,200 ft 42-in Elwood type I fencing;
 - (9) 3,3300ft barbed wire;
 - (10) 55 tons rock;
 - (11) 36,500 cu ft brush;
 - (12) 184 3/4-in cable clips;
 - (13) No 12 wire for tying.

CONTRACT AWARDED

SACRAMENTO, Calif.—H. L. Parker and Harms Bros., 5220 21st Ave., Sacramento, at \$18,960 awarded contract by the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Circ. Prop. No. 1105-39-80, for setting back, raising and strengthening approx. 2,400 l.f. of the existing levee along East Levee of the Feather River approx. 8,800 feet above the mouth of Bear River. 30

PLANS BEING PREPARED

NAPA CO., Calif.—An allocation of \$20,000 has been made to the State Department of Public Works for preliminary construction plans and field work for the Conn dam project, which will furnish water to Napa state hospital, state farm and game farm and the veterans' home at Yountville. Dam is to be built on Conn creek, about 18 miles above Napa. Funds are part of a legislative appropriation of \$300,000 for the Federal-State Project. 30

31—PIPE LINES & WELLS

CONTRACT AWARDED

SAN DIEGO, Cal.—Walter H. Barber, P. O. Box 950, San Diego, at \$27,660 awarded contract by the Public Works Office, 11th Naval District, San Diego, under Spec. No. 9017, for extension of steam distributing system at Naval Operating Base (Marine Corps Base), San Diego. 31

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$3,013.88 awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,187, for alteration of the pipeline in Vallejo Street between Battery and Sansome Streets of the auxiliary water supply system for fire protection. Est. cost, \$3,300. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until Nov. 14, 5 P. M., bids will be received by the Bakersfield city council, V. Van Riper, City Clerk, for the construction of sewers in Unit No. 1, sanitary main sewer of the proposed sewer works improvement under PWA grant of Oct. 13. Plans and specifications may be obtained from J. Holfelder, city engineer. The est. cost is \$26,000 and the quantities are:

- (1) 345 ft. 8-in. cem. concr. sewer;
- (2) 2982 ft. 15-in. same;
- (3) 3750 ft. 18-in. same;
- (4) 2012 ft. 21-in. same;
- (5) 6 reinf. concr. manholes;
- (6) 18 plain concr. manholes;
- (7) 19 expansion joints;
- (8) 1200 lf. cem. concr. cradle.

BIDS WANTED

SAN GABRIEL, L. A. Co., Calif.—Until Nov. 22, 8 P. M., bids will be received by the San Gabriel city council for the construction of a sewer system estimated to cost \$415,000. This is to be financed by the proceeds of a bond issue of \$250,000 voted Aug. 5 and a PWA grant of \$202,500. Plans for the system were prepared by the Currier Engineering Co., 219 Anderson Bldg., San Bernardino. Copies may be obtained from his office upon deposit of \$25, returnable. Certified check or bidder's bond for 5% must accompany each proposal.

- The approx. quantities are:
- (1) 22,322 ft. 8-in. std. vit. pipe;
 - (2) 4,411 ft. 8-in. extra strength vit. pipe;
 - (3) 12,128 ft. 10-in. std. vit. pipe;
 - (4) 128 ft. 10-in. extra strength vit. pipe;
 - (5) 1,440 ft. 12-in. std. vit. pipe;
 - (6) 4,765 ft. 12-in. extra strength vit. pipe;
 - (7) 438 ft. 15-in. std. vit. pipe;
 - (8) 520 ft. 15-in. extra strength vit. pipe;
 - (9) 3,521 ft. 18-in. std. vit. pipe;

SANTA CRUZ CO.—GRAD. & SURF.—(STATE)

SANTA CRUZ COUNTY, Cal.—N. M. Ball Sons, 852 Carmel St., Berkeley, at \$232,767.10 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 8.2 miles grading and applying road-mix surface treatment between one-half mile south of Davenport and Waddell Creek, Santa Cruz County.

Work involves:

- (1) lump sum, clearing and grubbing
- (2) 415 c.y. remove concrete;
- (3) 6,000 M. gals. water;
- (4) 507,200 c.y. rdwy. excav., unclass.
- (5) 4,500 c.y. ditch and channel excavation;
- (6) 4,650,000 sta. yds. overhaul;
- (7) 5,550 c.y. struc. excav.;
- (8) 432 sta. finish roadway;
- (9) 9,500 c.y. imported surf. material;
- (10) 191,000 c.y. prepare, mix and shape roadway bed;
- (11) 135 tons liquid asphalt SC-1A (prime coat);
- (12) 1610 tons liquid asph. ROMC-3;
- (13) 115 tons liquid asph. 90-95 (seal coat);
- (14) 1360 tons screening (seal coat);
- (15) 154,200 lbs. bar reinf. steel;
- (16) 210 lbs. misc. steel;
- (17) 345 lbs. bronze extension plates;
- (18) 916 c.y. Class A Portland cement concrete structures;
- (19) 96 c.y. do, footing blocks;
- (20) 12 c.y. do, concrete railing;
- (21) 1376 lf. furnishing precast concrete piles;
- (22) 50 each driving do;
- (23) 4800 c.y. heavy riprap;
- (24) 15 c.y. light riprap;
- (25) 900 lf. 8-inch CMP;
- (26) 76 lf. 12-inch CMP;
- (27) 160 lf. 12-inch CMP (siphon);
- (28) 2850 lf. 18-inch CMP;

- (29) 1100 lf. 24-inch CMP;
- (30) 930 lf. 30-inch CMP (12 gauge)
- (31) 4300 lf. 8-inch perforated metal pipe underdrain;
- (32) 770 c.y. rock filling material;
- (33) 51 each spillway assemblies;
- (34) 230 each guide posts;
- (35) 120 each culvert markers;
- (36) 3.4 miles new property fence. Type A;
- (37) 6.4 miles do, Type B;
- (38) 10 each drive gates;
- (39) 170 each monuments;
- (40) lump sum, misc. bridge items of work.

- Total bids follow:
- (A) N. M. Ball Sons, Berkeley, \$232,767.10.
 - (B) Grandfield-Farrar & Carlin, San Francisco, \$236,811.65.
 - (C) Fredericksen & Westbrook, Lower Lake, \$237,647.10.
 - (D) Lawson Bros., Harms Bros., and H. Earl Parker, Sacramento, \$242,384.00.
 - (E) Louis Biasotti and Claude C. Wood, Stockton, \$253,723.50.
 - (F) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$260,265.10.
 - (G) A. Teicher & Son, Inc., Sacramento, \$261,681.55.
 - (H) United Concrete Pipe Corp., Los Angeles, \$262,060.05.
 - (I) Hemstreet and Bell, Marysville, \$271,412.60.
 - (J) The Utah Const. Co., San Francisco, \$277,336.50.
 - (K) Macco Const. Co., Clearwater, \$289,877.00.
 - (L) Clyde W. Wood, Los Angeles, \$293,280.10.
 - (M) Daly Corp., San Diego, \$335,678.00.
 - (N) Griffith Co., Los Angeles, \$398,815.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$2000.00	\$ 500.00	\$8000.00	\$6000.00	\$3750.00	\$2300.00	\$4500.00
(2).....	2.00	2.00	1.10	3.00	2.00	1.75	2.25
(3).....	.80	.80	1.25	.75	1.00	1.00	1.25
(4).....	.39	.16	1.95	.17	.20	.22	1.85
(5).....	.60	.60	.75	.70	.60	.47	.60
(6).....	.002	.003	.001	.0025	.0025	.003	.003
(7).....	1.10	1.00	.90	1.00	1.00	1.20	1.20
(8).....	4.00	7.00	5.00	5.00	5.00	6.00	5.00
(9).....	.80	1.50	1.00	.75	1.40	1.05	1.30
(10).....	.03	.05	.035	.04	.04	.03	.05
(11).....	10.00	11.00	11.00	12.00	11.00	11.00	13.00
(12).....	11.00	12.00	12.00	12.50	11.00	11.75	13.00
(13).....	11.00	13.00	11.00	15.00	12.00	12.75	13.00
(14).....	2.50	2.75	2.30	3.00	2.50	2.34	3.00
(15).....	.045	.04	.04	.05	.04	.045	.044
(16).....	.30	.50	.20	1.00	.35	.56	.60
(17).....	.40	.55	.70	.60	.60	.40	.60
(18).....	17.00	22.00	20.00	20.00	20.00	22.00	23.00
(19).....	30.00	17.00	19.00	20.00	15.00	17.65	18.00
(20).....	50.00	50.00	60.00	75.00	50.00	50.00	65.00
(21).....	2.00	2.40	2.20	2.00	2.50	2.35	2.00
(22).....	67.00	40.00	50.00	80.00	51.00	58.00	50.00
(23).....	2.30	1.75	2.80	3.00	2.75	2.00	2.40
(24).....	7.00	4.00	4.00	4.00	5.00	2.00	4.50
(25).....	.90	1.00	.90	.90	1.00	.90	1.00
(26).....	1.30	1.50	1.15	1.25	1.75	1.10	1.25
(27).....	1.80	2.00	2.20	2.00	2.00	1.85	2.50
(28).....	1.95	2.00	1.60	1.80	1.95	1.60	2.00
(29).....	2.70	3.00	2.40	2.80	2.90	2.50	2.75
(30).....	3.80	5.50	3.75	4.50	4.00	4.00	4.50
(31).....	.90	1.00	.85	1.00	.90	.90	1.00
(32).....	3.00	3.25	3.00	1.50	3.00	3.60	2.50
(33).....	14.00	15.00	14.00	15.00	15.00	15.00	15.00
(34).....	2.00	2.00	1.75	3.00	2.00	2.25	2.25
(35).....	2.00	2.25	1.75	3.00	2.00	2.00	2.50
(36).....	800.00	900.00	700.00	1200.00	700.00	1000.00	1200.00
(37).....	575.00	700.00	550.00	700.00	550.00	500.00	700.00
(38).....	20.00	20.00	15.00	20.00	18.00	20.00	20.00
(39).....	2.50	3.00	2.25	3.00	3.00	3.00	3.00
(40).....	500.00	100.00	450.00	500.00	750.00	468.00	600.00

	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$5000.00	\$2500.00	\$5000.00	\$6000.00	\$5000.00	\$1800.00	\$5850.00
(2)	1.50	2.50	4.00	2.00	2.00	4.00	2.00
(3)	1.50	1.00	.75	.75	1.50	1.00	.75
(4)	.18	.19	.19	.236	.238	.404	.32
(5)	.60	.90	.75	.75	.50	1.00	.75
(6)	.0025	.004	.002	.002	.002	.002	.0025
(7)	1.00	1.10	1.50	1.25	.90	2.00	1.00
(8)	5.00	5.00	6.00	10.00	10.00	5.00	10.00
(9)	1.50	1.00	1.70	1.25	1.50	2.00	1.00
(10)	.06	.055	.03	.05	.06	.06	.05
(11)	10.00	15.00	12.50	12.50	11.50	12.10	11.00
(12)	12.00	12.50	15.00	18.00	13.00	13.10	12.50
(13)	22.00	14.00	14.20	14.00	15.00	13.60	13.00
(14)	3.00	3.00	2.50	3.00	2.75	2.50	2.60
(15)	.05	.047	.055	.044	.055	.042	.045
(16)	.10	.20	.10	.60	.25	.30	.25
(17)	.45	.50	1.00	.60	.60	.60	.50
(18)	21.00	23.00	34.00	20.00	24.00	31.00	26.50
(19)	15.00	17.00	17.00	20.00	20.00	15.00	25.00
(20)	90.00	60.00	180.00	60.00	100.00	65.00	60.00
(21)	2.50	2.50	3.00	2.50	3.00	2.50	2.90
(22)	50.00	75.00	40.00	70.00	40.00	40.00	50.00
(23)	3.00	4.00	3.00	2.00	2.50	5.00	3.60
(24)	2.00	3.00	3.00	5.00	2.50	3.00	3.60
(25)	1.00	1.00	.95	.90	1.00	1.00	.90
(26)	1.30	1.20	1.25	1.25	1.50	1.30	1.35
(27)	2.60	2.20	1.85	3.00	2.00	2.20	2.00
(28)	2.25	1.80	2.00	1.85	2.00	1.85	2.10
(29)	3.00	2.80	2.90	2.75	3.00	2.60	3.00
(30)	5.00	4.20	4.50	4.25	5.00	4.00	4.50
(31)	1.25	1.00	.95	1.00	1.00	.90	.93
(32)	3.50	3.00	2.70	2.50	2.50	3.80	3.50
(33)	15.00	15.00	15.00	15.00	20.00	15.00	15.00
(34)	2.00	2.20	2.50	2.50	2.50	2.50	2.50
(35)	2.00	2.50	2.50	2.50	3.00	2.50	2.75
(36)	600.00	800.00	650.00	1000.00	800.00	650.00	1500.00
(37)	650.00	650.00	650.00	650.00	600.00	710.00	710.00
(38)	30.00	25.00	20.00	18.00	25.00	20.00	15.00
(39)	3.00	3.00	3.50	4.00	3.00	3.00	3.00
(40)	50.00	400.00	120.00	500.00	1000.00	125.00	150.00

WHITE PINE CO., NEV.—HWY. CONSTR.—(STATE)

WHITE PINE CO., Nev.—Fredrickson and Westbrook, P. O. Box 138, Lower Lake at \$79,203.77 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for approximately 0.65 miles construction of the State Highway in East Ely, Route 2, Section D3, including the construction of a concrete and steel overpass, White Pine County, Nev.

Work involves:

- (1) 8,000 c.y. roadway excav.
- (2) 126,834 c.y. borrow.
- (3) 45 sta. slope rounding.
- (4) 656,742 yd. sta. overhaul.
- (5) 81,642 yd. mlie overhaul.
- (6) 440 c.y. structure excav.
- (7) 470 c.y. backfill.
- (8) 1,114 M. gal. water.
- (9) 209 c.y. class "A" concrete.
- (10) 2 c.y. class "B" concrete.
- (11) 195 c.y. class "D" concrete.
- (12) 46,500 lbs. reinf. steel.

- (13) 223,800 lbs. structural steel.
- (14) 800 l.f. treated timber pile.
- (15) 22 each drive timber pile.
- (16) 52 l.f. 18-inch CMP.
- (17) 8 each monuments.
- (18) 349 l.f. structural steel railing.
- (19) 1030 sq. ft. blast plate.
- (20) 285 c.f. sidewalk filler.

Total bids follow:

- (A) Fredrickson and Westbrook, Lower Lake, \$79,203.77.
- (B) Nevada Rock and Sand Co., Inc., Reno, \$82,448.43.
- (C) Silver State Constr. Co., Inc., Fallon, \$83,385.18.
- (D) Dodge Constr. Inc., Fallon, \$84,264.28.
- (E) Utah Constr. Co., Ogden, \$84,556.94.
- (F) Gibbons and Reed Co., Salt Lake City, \$89,929.80.
- (G) Isbell Constr. Co., Reno, \$90,029.12.
- (H) W. W. Clyde & Co., Springville, \$90,118.57.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$.20	\$.25	\$.20	\$.22	\$.30	\$.25	\$.30	\$.21
(2)	.16	.21	.19	.22	.22	.21	.25	.21
(3)	13.00	5.00	5.00	5.00	7.00	10.00	5.80	8.00
(4)	.005	.01	.01	.01	.01	.01	.01	.015
(5)	.16	.11	.15	.14	.12	.12	.10	.15
(6)	1.60	1.25	1.00	1.50	1.50	2.00	2.00	1.50
(7)	1.00	.60	1.00	.50	.75	.65	1.00	.50
(8)	1.60	1.50	2.00	1.50	1.50	2.50	1.50	1.75
(9)	26.00	28.00	25.00	25.00	28.00	24.20	30.00	25.00
(10)	39.00	30.00	30.00	25.00	35.00	25.00	30.00	25.00
(11)	26.00	28.00	25.00	27.50	28.00	27.75	30.00	33.00
(12)	.08	.06	.08	.08	.06	.065	.06	.08
(13)	.08	.075	.07	.07	.07	.09	.08	.08
(14)	1.00	.80	2.00	1.00	.80	.90	1.50	.80
(15)	40.00	30.00	50.00	30.00	25.00	60.00	25.00	25.00
(16)	3.00	2.50	2.00	2.50	2.50	2.20	3.50	2.00
(17)	3.00	4.00	5.00	3.00	4.00	3.50	4.00	5.00
(18)	6.50	4.25	5.00	5.00	4.00	3.75	5.00	4.00
(19)	.65	1.00	1.00	1.00	2.00	2.75	1.00	1.00
(20)	1.30	2.00	1.00	1.00	.70	1.50	1.00	1.00

- (10) 915 ft. 18-in. extra strength vit pipe.
- (11) 5,869 ft. 21-in. std. vit. pipe.
- (12) 372 ft. 21-in. extra strength vit. pipe.
- (13) 885 ft. 24-in. std. vit. pipe.
- (14) 5,760 vye connections.
- (15) 92 chimneys.
- (16) 150 8-in. cast iron pipe.
- (17) 100 10-in. cast iron pipe.
- (18) 7,269 12-in. cast iron pipe.
- (19) 933 manholes.
- (20) 1 pumping station (2 4-in. pumps deliv. 750 GPM and a 4-in standby pumps).

BONDS VOTED

FORT BRAGG, Mendocino Co., Cal. The City of Fort Bragg voted bonds in the amount of \$25,000, proceeds to finance the construction of additions and improvements to the sewer system and additional Fire equipment and fixtures for the Fire Department. 32

BIDS WANTED

SAN LEANDRO, Alameda Co., Cal. Until November 23, 5:00 P.M., (opened at 8:00 P.M.) bids will be received by the San Leandro City Council, City Clerk, 1120 E. 14th Street, San Leandro for construction of a new sewage pumping and treatment works for the City of San Leandro.

Work involves the construction of cast-in-place or pre-cast concrete foundations and approx. 1200 c.y. reinforced concrete structures, pipe-work, and equipment for a primary sedimentation and separate sludge digestion sewage treatment plant with provision for garbage grinding and digestion with sewage sludge. The clarifier is 65 ft. in diameter and the digestion tanks are each 70 feet in diameter. Included in the equipment are raw sewage pumps, screening, grinding and mixing equipment; digester gas collection and storage; sludge gas engine-generator unit; water reclamation plant.

Plans and specifications may be obtained from the above office upon the deposit of \$20 returnable. Harry N. Jenks, 345 Madrono Avenue, Palo Alto, is the consulting engineer. 32

BIDS WANTED

SAN BENITO COUNTY, Calif.—Until November 18, 2:00 P. M., bids will be received by the Board of Directors of Pacheco Pass Water District, L. G. Barrett, Secretary, Bank of America Building, Hollister, for the construction of Las Viboras betterments in San Benito County.

Plans and specifications may be obtained from the above office and from E. E. Blackie, Engineer of District, 1320 Alaska Commercial building, San Francisco. 32

BIDS REJECTED

SAN PABLO, Contra Costa County, Cal.—The Contra Costa County Board of Supervisors, S. C. Wells, Secretary, Hall of Records, Martinez, rejected all bids for building 2457 lln. ft. of sewer on Kearney St., San Pablo. Harvey E. Conner, Redwood city, at \$2789.60 submitted low bid. 32

33— WATER WORKS

BIDS WANTED

AGNEVUS, Santa Clara Co., Calif.—Until Nov. 29, 2 P. M., bids will be received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for the completion of flood damage repairs, Coyote River, Agnevus State Hospital Farm, Agnev. Work consists of repairs to banks

BENICIA GRAMMAR SCHOOL

of Coyote River, the placing of bank protection, construction of embankments and certain misc. items, as follows:

- (1) clearing;
- (2) 150 c.y. trench excav.;
- (3) 2640 c.y. bank excav. placed in levees;
- (4) 325 c.y. backfill on slopes;
- (5) 50 c.y. fill on banks, borrowed material;
- (6) 160 c.y. Class X conc. in trenches and walls;
- (7) 760 c.y. Class Y conc. sacked and placed;
- (8) 1300 lf. 2-in. GI pipe driven in place;
- (9) 38,100 sq. ft. galv. elec. welded fabric in place on banks;
- (10) 1590 lbs. reinf. steel in place.

Plans and specifications may be obtained from the above office upon deposit of \$25, returnable. 33

BIDS OPENED

CAMARILLO, Ventura Co., Calif.—C. R. Butterfield and Kennedy Co., 1401 N. Gaffey Street, San Pedro, at \$12,253 submitted low bid to the State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Streets, Sacramento, for the completion of Flood Damage repair, Calleguas Creek, Camarillo State Hospital, consisting of repairs to the banks of Calleguas Creek, the placing of bank protection and construction of embankments.

Total bids follow:
C. R. Butterfield & Kennedy Co., San Pedro 12,253.00
Oilfields Trucking Co., Bakersfield 18,270.00
Dimmitt and Taylor, L. A. 18,460.00

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—Basich Bros., 20,550 So. Normandie Ave., Torrance at \$146,390.39 awarded contract by the Orange county supervisors for constructing flood protection works on the Santa Ana River, and at \$6425 for protection work on San Juan Creek. 33

CONTRACT AWARDED

LOS ANGELES, Cal.—J. F. Shea Co., Inc., 617 S. Olive St., Los Angeles, at \$19,682, awarded contract by the Metropolitan Water District, Los Angeles, for construction of San Gabriel River spillway and appurtenant work for the Colorado River Aqueduct distribution system; Spec. 290. The work is located in San Gabriel Canyon about 18 miles easterly from Pasadena, Sec. 13, Twp. 1 N., Range 10 W, SBB&M. 33

34— PARKS AND PLAY-GROUNDS

BIDS OPENED

SANTA CLARA, Santa Clara Co., Calif.—West Constr. Co., S. F., at \$837, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. P. O., at Santa Clara. 34

35— TUNNELS

BIDS OPENED

PIERCE COUNTY, Wash.—Colonial Constr. Co., Spokane, at \$92,292.70, submitted low bid to the U. S. Bureau of Public Roads, W. H. French, District Engineer, 316 New Post Office Building, Portland, for approx. 0.094 miles constructing or improving tunnel lining, paving and portals, tunnel at Station 610 plus 50, Mt. Rainier National Forest, East Side Highway Project 5-D Tunnel Lining, Paving and Portals, National

omein doors using augarpine (10) omit painting plaster (11) omit Venetian blinds (12) omit lighting fixtures and emergency wiring (13) omit maple floors using Oregon pine (14) omit linoleum (15) omit lathing and plastering, etc. (16) omit terra cotta tile roof using alternate type (17) omit decorative tile (18) omit sewing room (19) concrete, per cubic ft.

- Complete basic bids follow:
(A) Grant-Martinelli Const. Co., \$82,898.
(B) C. M. Teigland, Oakland, \$87,240.
(C) Willis F. Lynn, Oakland, \$87,775.
(D) Nielsen & Erbtraut, San Jose, \$88,495.
(E) E. T. Leiter Sons, Oakland, \$89,467.
(F) Central Calif. Const., San Francisco, \$89,867.
(G) N. H. Sjoberg & Son, Oakland, \$92,174.
(H) David Paganini, S. F., \$93,913.

Alternate deductions follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$1334.00	\$1200.00	\$1800.00	\$1400.00	\$2200.00	\$2000.00	\$1471.00	\$1040.00
(2).....	128.00	160.00	225.00	270.00	200.00	220.00	234.00	100.00
(3).....	558.00	450.00	600.00	450.00	700.00	600.00	525.00	313.00
(4).....	350.00	500.00	625.00	457.00	500.00	500.00	487.00	100.00
(5).....	858.00	675.00	800.00	700.00	700.00	650.00	700.00	813.00
(6).....	695.00	525.00	900.00	700.00	500.00	500.00	684.00	713.00
(7).....	368.00	527.00	360.00	357.00	900.00	800.00	387.00	313.00
(8).....	1037.00	1000.00	1050.00	1100.00	900.00	900.00	984.00	970.00
(9).....	406.00	120.00	300.00	.....	600.00	500.00	237.00	513.00
(10).....	400.00	160.00	160.00	200.00	600.00	500.00	200.00	200.00
(11).....	172.00	80.00	175.00	230.00	400.00	350.00	232.00	275.00
(12).....	1563.00	1619.00	2350.00	1301.00	1700.00	1650.00	1300.00	2000.00
(13).....	89.00	150.00	75.00	200.00	1000.00	900.00	70.00	413.00
(14).....	159.00	145.00	200.00	150.00	200.00	2000.00	274.00	75.00
(15).....	1146.00	1000.00	600.00	76.00	400.00	400.00	1056.00	713.00
(16).....	1715.00	1790.00	1850.00	1800.00	2200.00	2000.00	1790.00	1790.00
(17).....	305.00	200.00	175.00	300.00	200.00	200.00	176.00	91.00
(18).....	2481.00	4500.00	2100.00	2500.00	4000.00	3800.00	2469.00	1513.00
(19).....	.80	1.20	1.20	1.00	.80	1.10	1.30	2.50

(286 1st rep. July 29; 7th, Nov. 8, 1938.

* 15

KERN COUNTY—GRAD. & SURF.—STATE

KERN COUNTY, Cal.—J. A. Casson, 319 Warren St., Hayward, at \$33,571.25 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 7.6 miles grading, road-mix surfacing treatment and applying Class A seal coat between 4 miles and 12 miles east of Mohave, Kern County, Calif.

- Work involves:
(1) lump sum, clearing and grubbing;
(2) 43,900 c.y. roadway excavation unclass.;
 - (3) 440 c.y. struc. excav.;
 - (4) 2600 c.y. ditch and channel excavation;
 - (5) 30,000 sta. yd. overhaul;
 - (6) 4,000 c.y. imported surface material;
 - (7) 400 sta. finishing roadway;
 - (8) 102 tons liquid asphalt SC-2 prime coat and penetration oil treatment;
 - (9) 930 tons liquid asphalt RC 2, 3, or 4 road mix surface treatment;
 - (10) 97,850 sq. yds. prepare, mix and shape road bed;
 - (11) 100 tons liquid asphalt RC 2, 3 or 4 seal coat;
 - (12) 1225 tons screenings (seal coat);
 - (13) 40 lf. 18-inch CMP;
 - (14) 1032 lf. 24-inch CMP;

- (15) 10 each guide post;
 - (16) 38 each culvert markers;
 - (17) 56 each monuments.
- Total bids follow:
(A) J. A. Casson, 319 Warren St., Hayward, \$33,571.25.
(B) Oilfields Trucking Corp., Bakersfield, \$35,993.00.
(C) Piazza & Huntley, San Jose, \$36,189.00.
(D) Griffith Co., Los Angeles, \$36,254.55.
(E) Dimmitt & Taylor, Los Angeles, \$36,611.75.
(F) Martin & Schmidt, Long Beach, \$37,454.80.
(G) Warren Southwest, Inc., L. A., \$38,409.40.
(H) Oswald Bros., Los Angeles, \$40,216.75.
(I) C. R. Butterfield and Kennedy Co., San Pedro, \$10,313.50.
(J) Clyde W. Wood, Los Angeles, \$40,671.00.
(K) Young & Son Co., Ltd., Berkeley, \$41,307.95.
(L) R. E. Hazard & Sons, San Diego, \$42,248.75.
(M) R. M. Price, Huntington Park, \$44,252.75.
(N) Basich Bros., Torrance \$15,787.50
(O) G. W. Ellis, North Hollywood, \$46,953.50.
(P) R. L. Oakley, Pasadena, \$18,860.75.

Unit prices follow:

(Continued on page 30)

Park Road Project, located within the Mt. Rainier National Park, Pierce Co., Wash.

Total bids follow:

Colonial Constr. Co., Spokane, \$92-392.70.

Max J. Kuney Co., Spokane, \$93-318.00.

Dally Constr. & Engrg. Co., Seattle, \$98,260.60.

Sam Orln, Portland, \$99,149.40.

The Mirene Co., Portland, \$116-920.50.

A. C. Greenwood Co. Inc., Portland, \$117,498.50. * 35

CONTRACT AWARDED

CENTRAL VALLEY PROJECT,

Calif.—Granfield-Farrar and Carlin, 67 Hoff Street, San Francisco, at \$812,380 (Schedules 1, 2, 3 and 4) and West Constr. Co., P. O. Box 486, Monrovia, at \$904,981 (Schedule 5), awarded contracts by the U. S. Bureau of Reclamation, Old Post Office Building, Sacramento, under Spec. No. 796, for the construction of earthwork, tunnels and structures for the Southern Pacific Railroad relocation, milepost 258.63 to milepost 272.68, Kennett division, Central Valley Project, Calif. * 35

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

GARAGE, \$350; 1827 Curtis, Berkeley; owner, A. Luoma, 2333 Browning; contractor, Wm. Markl, 2301 Bowditch.

RE-ROOF, \$92; 862 Contra Costa, Berkeley; owner, F. Bruns, 6289 Moraga; contractor, W. Mork, 1814 San Pablo.

ALTERATIONS, \$200; 2011 Grant, Berkeley; owner and contractor, D. L. Conner, premises.

ALTERATIONS, \$400; 758 Contra Costa, Berkeley; owner,; contractor, Fox Bros., 1478 University Ave.

GARAGE, 1-story, \$400; 2599 El Camita; owner, O. Harde, 1419 Benton; contractor, Western Const. Co., 219 Richfield Oil Bldg.

ALTER for garage, \$125; 3923 Nevil St., Oakland; owner and contractor, Chas. S. Atkinson, premises.

RE-ROOF, \$170; 2212 High Street, Oakland; owner, Mr. Mallik, 2212 High St.; contractor, Yosemite Roof Co., 3700 Green Acre Rd.

ALTERATION, \$10; 1026 10th Street, Oakland; owner, E. J. Ottaway, 551 22nd St.

ALTERATIONS, \$12; 3808 Piedmont Ave., Oakland; owner and contractor, O. Hallersted, premises.

CHIMNEY, brick, \$45; 3915 39th Ave. Oakland; owner and contractor, Wm. Larm, 4053 Hopkins Street.

ALTERATIONS, \$827; 846 Foothill Blvd., Oakland; owner, George A. Flick, 630 Grove St.; contractor, J. H. Witt, 882 56th St.

ALTERATIONS, \$75; 477 15th St., Oakland; owner and contractor, Harry P. Petersen, premises.

REPAIRS, \$200; 3215 Randolph Ave. Oakland; owner, C. A. Lundeville, premises; contractor, J. H. Pedgrift, 518 Appar.

RE-ROOF, \$90; 5381 Belgrave Place, Oakland; owner, Helen Z. Carpenter; contractor, Elliott & Elliott, 770 22nd St.

REPAIRS, \$60; 4111 Terrace Street, Oakland; owner, J. Rudy, prem.; contractor, J. T. Kingrea, 4116 Terrace St.

SIGN, cloth, \$5; 3305 Grand Avenue, Oakland; owner and contractor, Y. Robinson, premises.

SIGN, electric, \$240; 1901 Fruitvale Ave., Oakland; owner, Freeman & Cox, Roach & Kenney; contractor, Elec. Prod. Corp., 950 30th St.

SIGNS, two electric, \$235 each; 297 10th St., Oakland; owner, Na-

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$400.00	\$2000.00	\$600.00	\$900.00	\$1000.00	\$600.00	\$350.00	\$800.00
(2)	.16	.20	.18	.19	.16	.23	.22	.23
(3)	1.00	.75	1.00	1.20	1.00	1.00	1.00	.90
(4)	.25	.20	.40	.29	.35	.70	.52	.30
(5)	.005	.02	.01	.006	.015	.04	.015	.01
(6)	.41	.35	.45	.42	.50	.44	.52	.50
(7)	3.50	2.03	3.00	3.00	3.00	2.50	4.50	5.00
(8)	10.00	7.00	8.00	8.30	8.00	9.00	8.51	11.00
(9)	10.00	9.25	9.50	11.00	10.50	10.00	10.01	10.00
(10)	.035	.06	.045	.043	.045	.04	.014	.045
(11)	12.50	11.50	10.00	11.60	10.50	12.00	11.50	12.50
(12)	3.30	1.98	3.75	3.40	3.50	3.00	3.20	4.00
(13)	2.00	2.00	2.00	2.00	2.00	2.25	1.70	2.00
(14)	2.50	2.50	3.00	2.80	3.00	3.15	2.60	2.60
(15)	7.00	2.00	2.50	2.50	2.50	2.75	2.00	2.00
(16)	3.00	2.00	3.00	2.50	2.50	2.75	2.30	2.30
(17)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1)	\$900.00	\$500.00	\$1000.00	\$2800.00	\$2500.00	\$1500.00	\$1000.00	\$2000.00
(2)	.195	.18	.18	.25	.23	.25	.30	.27
(3)	.90	1.00	1.00	1.00	1.00	1.25	1.00	1.00
(4)	.50	.40	.50	.25	.75	.30	.75	.40
(5)	.01	.005	.01	.015	.01	.005	.02	.01
(6)	.60	1.00	.56	.50	.50	.58	.50	.60
(7)	5.00	5.00	5.00	4.00	7.50	10.00	5.00	8.00
(8)	17.00	10.00	10.45	9.50	9.25	9.00	10.00	11.00
(9)	10.00	12.00	11.40	10.00	9.70	10.50	12.00	12.00
(10)	.05	.05	.06	.045	.06	.06	.05	.07
(11)	10.50	15.00	12.00	11.50	11.50	13.00	12.00	12.00
(12)	3.50	3.50	3.50	3.50	3.25	3.50	4.00	3.25
(13)	2.00	2.00	1.91	2.00	2.00	2.00	2.00	2.00
(14)	3.00	2.75	2.90	2.75	3.00	3.00	2.50	3.00
(15)	1.50	3.00	3.00	3.00	1.50	4.00	2.00	3.00
(16)	3.00	3.00	3.00	4.00	1.50	3.50	2.00	3.00
(17)	3.00	3.00	3.00	3.00	3.00	3.50	5.00	4.00

PRESIDIO BARRACKS—SAN FRANCISCO

SAN FRANCISCO.—Pioneer Const. Co., Lloyd Bldg., Seattle, at \$181,700 on Item 1, and Meyer Construction Co., 734 Portola Drive, San Francisco at \$181,132 on Item 2, submitted low bids to the War Department, Office of the Constructing Quartermaster, Fort Mason, for construction of one 250-men barracks and one 263-men barracks at the Presidio, San Francisco.

Bids were received as follows: (Item 1) Construction of one 250-men barracks;

(Item 2) Construction of one 263-men barracks;

(3a) deduct from item 1 if awarded contract for both items 1 and 2;

(3b) deduct from item 2, if awarded contract for both items 1 and 2;

(4a) deduct from item 1, if foundation drainage is omitted;

(4b) deduct from item 2, if foundation drainage is omitted;

(5a) deduct from item 1, if architectural cast stone is substituted for limestone;

(5b) deduct from item 2, if archi-

tectural cast stone is substituted for limestone.

Complete bidders and bids on Items (1) and (2) follow:

(A) Pioneer Construction Co., Seattle, Item (1) \$181,700; Item (2) \$181,200.

(B) Meyer Const. Co., San Francisco (1) \$192,416; (2) \$181,132.

(C) K. E. Parker Co., San Francisco, (1) \$193,000; (2) \$183,500.

(D) Monson Bros., San Francisco, (1) \$193,819; (2) \$185,363.

(E) Leo Epp, San Francisco (1) \$193,377; (2) \$191,377.

(F) Anderson & Ringrose, San Francisco, (1) \$197,396; (2) \$188,475.

(G) MacDonald & Kahn Co., Ltd., San Francisco, (1) \$199,000; (2) \$191,000.

(H) Robert E. McKee, Los Angeles, (1) \$203,400; (2) \$192,500.

(I) C. L. Wolf Const. Co., San Francisco, (1) \$204,624; (2) \$197,709.

(J) James I. Barnes Const. Co., Santa Monica, (1) \$221,800; (2) \$213,700.

Alternate deductions follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(3a)	\$4250	\$3000	\$2100	\$2300	\$3000	\$2700	\$5327	\$5400	\$3107	\$1000
(3b)	4250	3000	1820	2300	000	2700	5000	5400	3107	1000
(4a)	260	146	450	475	325	450	400	400	445	420
(4b)	260	146	450	475	325	450	400	400	445	420
(5a)	500	1030	1668	950	900	1000	1400	1100	1000	800
(5b)	500	1030	1668	950	900	1000	1400	1100	1000	750
(763)	1st report Sept. 17; 3rd, Oct. 26, 1938.									

tional Prod. Corp., 950 30th St. SIGN, electric, \$220; 9348 E 14th St., Oakland; owner, Robaks Cafe, premises; contractor, Elec. Prod.

Corp., 950 30th St. SIGN, metal, \$25; 10452 East 14th St., Oakland; owner and builder, I. O. Gifford, 10452 East 14th St.

* *
STARK - RATH
 Printing & Publishing Company
 465 Tenth Street - San Francisco, Calif.
 Telephone MArket 7110
 * *

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.— Until Nov. 16, 2:00 P. M. bids will be received by the Forest Service Supply Officer, Frank Haynie, Government Island, for purchase of equipment, as follows:

BID NO. 6194: Purchase of new Le-Tourneau (or equal) trailblower replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Glendale.

BID NO. 6195: Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Glendale.

BID NO. 6196: Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Redding.

BID NO. 6197: Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Redding.

BID NO. 6198: Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Redding.

GOVERNMENT ISLAND, Calif.— Until November 16, 2 P. M., bids will be received by the U. S. Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, for purchase of equipment, as follows:

BID NO. 6192: Purchase of new Caterpillar (or equal) tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; f.o.b. Oakland;

BID NO. 6193: Purchase of new Chevrolet (or equal) replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island.

WAR DEPARTMENT

SAN FRANCISCO.— Until Nov. 23, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 568-38-141, for converting commercial alternating current at 2300 volts to direct current at 125 volts on (a) one 15-kva manhole transformer; (b) a motor-generator set; (c) a dead front panel to be installed at end of the present switchboard with necessary transfer switch, etc.; fob Battery Davis, Ft. Funston.

FORT MASON, Cal.— Until Nov. 21, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Pro. No. 928-39-149, for furnishing corrugated ash and garbage cans; fob Presidio of San Francisco; lawn mower, fob San Diego; fender logs, brass pipe, pipe fittings, nipples, faucets, valves, hooks, nails, pins, nuts and bolts, e.c., fob Fort Mason.

FORT MASON, Calif.— Until Nov. 22, 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-150, for furnishing drills, shears, taps, wrenches; f.o.b. Dock No. 1, Fort Mason, S. F.

SAN FRANCISCO.— Until Nov. 17, 3:00 P. M. bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-146, for furnishing pipe for Fort Cronkhite, Marin Co.; f.o.b. contractor's plant.

FORT MASON, Calif.— Until Nov. 22, 9:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-39-152, for furnishing 24,000 ft. per M. ft. rubber insulated wire; f.o.b. Dock No. 3, Fort Mason, San Francisco.

CALIFORNIA STATE

SPADRA, Los Angeles Co., Calif.— Until Nov. 15, 10:00 A. M., bids will be received by the State Bureau of Purchases, 911 12th St., Sacramento, for furnishing builders hardware for Unit 15 and Two Custodial Buildings; f.o.b. Spadra, Calif.

Plans and specifications available from the above office.

REDDING, Shasta Co., Calif.— Until November 17, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quo. No. 24194, Req. No. 28027 for one 10-ft. dual-drive Diesel-powered motor grader with scarifier; fob Redding.

Plans and specifications available from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

SCH. 900-2153: 25,000 lbs. steel I-beams for Mare Island, Nov. 18.

SCH. 900-2144: Steel tees and beams for Mare Island, Nov. 18.

SCH. 4828: Brass and copper pipe and tubing for eastern and western yards, Nov. 22.

SCH. 4806: 22 pneumatic-horizontal grinders for eastern yards; 10 do for Mare Island, Nov. 22.

SCH. 4832: 1 motor driven horizontal boring, drilling, milling and draw-out travelling head planer machine for Mare Island, Nov. 22.

SCH. 4859: Pipe covering for eastern yards and Puget Sound, Nov. 25.

SCH. 4853: General purpose shovels for eastern and western yards, Nov. 25.

SCH. 4852: Ship scrapers for eastern and western yards, Nov. 25.

SCH. 4846: Chain hoists for eastern and western yards, Nov. 25.

SCH. 4826: Motor driven engine lathe for San Pedro, Nov. 22.

SCH. 4829: Motor driven milling machine for Mare Island, Nov. 22.

SCH. 4827: Motor driven engine lathe for San Pedro, Nov. 22.

SCH. 4830: Motor driven milling machine for Mare Island, Nov. 22.

SCH. 4841: Steel forgings for Boston, Charleston and Puget Sound, Nov. 22.

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$475; 518 23rd Ave. owner, Geo. T. Hunter, premises; contractor, C. Lindberg, 1 Naylor St.

SIGN, electric, \$310; 724 Market St.; owner, Lundstrom, Ltd., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

GARAGE, frame, \$250; 1133 Hayes; owner, E. F. Wilkes, 3306 California St.; contractor, W. Deutscher, 104 Guerrero St.

ALTER dwelling, \$970; 870 North Point St.; owner, M. Demato, 860 Nor'h Point; contractor, M. Smith 3723 17th St.

ALTER dwelling, \$500; 159 Sagamore St.; owner, Wm. P. Sanders, 159 Sagamore St.

ALTER dwelling, \$325; 8 Holyoke; owner, Geo. Lucas, premises.

FLUE, \$15; 71 Rolph St.; owner, Mrs. Pioli, premises; contractor, P. L. Perini, 325 Wayland St.

SIGN, electric, \$150; 761 Howard St.; owner, Hotel Altrus, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$400; 28 Sweeney St.; owner, Wm. Lee, 3835 Balboa; contractor, Albert Massaglio, 3821 Geary Blvd.

ALTER dwelling, \$990; 79 Farallone; owner, Ralph T. Hogan, prem.; contractor, United Roofing and Siding Co., 2996 Mission St.

ALTER dwelling, \$50; 29 Coso Ave.; owner, Jos. Colosimo, premises.

FLUE, \$20; 758 Arkansas; owner, P. Selesinoff, 665 Rhode Island St.; contractor, Clawson Pat. Chimney Co., 84 Page St.

FLUE, \$10; 316 Wilde Ave.; owner, J. Petrucci, premises; contractor, P. L. Perini, 325 Wayland St.

SIGN, electric, \$150; Sutter and Powell Streets; owner, Carl Wilke, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$260; 106 Surrey; owner, P. A. Gules, premises; contractor, Geo. T. Lackey, 146 Downey St.

DAILY PACIFIC BUILDER

LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath
PRINTING AND PUBLISHING COMPANY

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTORS

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

San Francisco
PUBLIC LIBRARY
PERIODICAL DEPT.



Meyer Awarded Washington
Gym Contract



A. G. C. No. Calif. Chapter Plans Meet



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI SAN FRANCISCO, CALIF., NOVEMBER 19, 1938 No. 47

MONSON LOWEST BIDDER ON CITY HOSPITAL WORK

\$558,644 Low Proposal Submitted on Laguna Honda Home Structures

Director A. D. Wilder of the Department of Public Works yesterday took action on San Francisco's PWA school and hospital construction programs, opening bids for construction of a new hospital unit and appurtenant structures at Laguna Honda Home, and awarding three contracts for completion of the Geo. Washington High School gymnasium and athletic unit.

Monson Brothers, at \$558,644, submitted the low bid for construction of the Laguna Honda Home structures, with Herman Lawson Company, at \$180,393, and Decker Electrical Construction Company, at \$53,960, offering low proposals for the mechanical equipment and plumbing, and electrical contracts, respectively.

Gymnasium Contracts

Meyer Construction Company, at \$347,470, was awarded the contract for general construction of George Washington High School gymnasium and athletic unit. Other contracts awarded were: Herman Lawson Co., at \$65,303, for mechanical equipment and plumbing; and DeLalour Electric Company, at \$14,885, for electrical work.

The contracts awarded yesterday call for construction of the entire project including the gymnasium, football field, play yards, running track, two grandstands and fencing.

Four bids were submitted for general construction of a 400-bed hospital unit, ward buildings "H" and "N", a service building, and reconstruction of wards "E", "F" and "L" at Laguna Honda Home.

Total bids follow:

Monson Brothers	\$558,644
MacDonald & Kahn Co.....	575,575
Anderson & Ringrose.....	576,000
Clinton Construction Co.....	589,400

The following submitted proposals on the contract for mechanical equipment and plumbing work Herman Lawson Co., \$180,393; Anderson & Rowe, \$184,777; James

FLEET MOORING BIDS RECEIVED

WASHINGTON, D. C., Nov. 16.—Low bidders today for the San Diego fleet mooring contract, for which proposals were opened by the Navy Department Bureau of Yards and Docks, were Charles and S. W. Steffgen, San Diego, on Item One, at \$248,900; and M. H. Golden, San Diego, at \$188,000, on Item Two.

The Bureau also announced today award of a contract for diesel tank and pumping plant at San Diego. The contract was let to the firm of Hunt & Curry of San Diego, bureau officials said. Amount of the contract price was \$235,500.

Northwest Lumber Production Lower

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending November 5, 1938 produced 91,567,099 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 58.4 per cent of its average weekly cut during 1926-1929.

A. Nelson, Inc., \$194,611; Scott Co., \$196,887; Alta Electric & Mechanical, \$199,687.

Electrical Bids

Eight firms submitted bids on the electrical work. Bidders included: Decker Electrical Const. Co., \$53,906; Atlas Electric & Engineering, \$55,181; American Electrical Construction Co., \$56,180; Kenny Electric Co., \$61,783; Abbott Electric Co., \$63,676; Cory & Joslin, Inc., \$65,980; Charles A. Langlais, \$67,350; and R. Flatland, \$66,830.

The Laguna Honda Home job is the first in San Francisco's \$2,283,470 hospital construction and improvement program to go out for bids. All proposals were referred to City Architect Charles H. Sawyer for consideration.

CHAPTER PLANS ANNUAL SESSION HERE DEC. 9 - 10

A. G. C. Northern California Chapter Completing Plans For Convention

Plans for the Twentieth annual convention of the Northern California Chapter, Associated General Contractors of America, to be held in San Francisco, December 9 and 10, this week were nearing completion as western engineering and heavy construction contractors announced their intention of attending the annual meet.

Meanwhile, Secretary - Manager Floyd O. Booe of the Northern California Chapter yesterday attended the board meeting of the A.G.C. in Excelsior Springs, Mo., where plans for the national convention of the organization were discussed.

The national convention of the Associated General Contractors of America will be held in San Francisco in 1939. At the executive sessions of A.G.C. officials in Excelsior Springs, yesterday and today, final plans for the national gathering are being formulated.

The two-day meeting of Northern California Chapter, to be held here December 9 and 10, will take place at the Palace Hotel, concluding with the annual banquet on the evening of December 10.

Adoption of the final plans for the 1939 national convention will high-light the chapter convention, it is announced.

Guests of honor at the conclave will include State and Federal highway officials and engineers; city officials of San Francisco; PWA officials with whom the industry is co-operating during the current construction program; and labor representatives.

During the business sessions, officers and directors for the coming year will be elected, and policies of the chapter will be formulated and agreed upon.

A complete travel service bureau for motorists will be maintained at 1939 California World's Fair by National Automobile Club. Iron Worker (Structural

K. E. Parker Low on Corpsmen's Dormitory Quaywall, Shop Framework Out for Bids

WASHINGTON, D. C., Nov. 16.—The construction program for the Mare Island Navy Yard moved forward on several fronts here today as proposals were opened on the Corpsmen's Barracks and Nurses' Quarters, and two new major contracts were ordered advertised for bids.

Low bidder for the dormitory and nurses' quarters contract was K. E. Parker Co., San Francisco, at \$276,300.

At first it appeared that a \$200,000 bid by James I. Barnes Const. Co. would be low, but this was raised by a telegraphic modification to \$283,000, making the Santa Monica firm second low bidder.

When modifications had been taken into consideration, the three low bids in order were as follows: K. E. Parker Co., \$276,300; James I. Barnes Const. Co., \$283,000; and MacDonald & Kahn Co., Ltd., San Francisco, \$289,982.

Alternate Proposals

These are the basic proposals on Item No. 1, for construction of the two buildings complete. Alternate proposals included in the bidding schedule allow for omission of various portions of the work.

Ordered advertised for bids today were two major contracts for additional work at the Mare Island yard. These are:

1. The new quaywall, for which approximately \$800,000 of the current construction program funds have been allotted.

2. Structural steel framework for the new machine shop.

Bids December 14

Bids on the big quaywall contract will be opened by the Bureau of Yards and Docks here December 14, it was announced today.

The date for opening bids on the machine shop structural framework has been set for December 14, likewise.

The machine shop, when completed, will cover an area 250 by 900 feet, adding many new facilities for the work of the yard.

In addition to the two Mare Island contracts ordered advertised today, another, for work at the Alameda Naval Air Station, went out for bids, officials of the Bureau of Yards and Docks revealed.

Structural Steel

The Alameda contract involves structural steel work for the Assembly and Repair Shop at the \$15,000,000 air station, on which a number of major contracts are scheduled to be placed under construction within the near future.

Bids on the Alameda structural steel contract are to be opened December 21, it was announced.

Orders booked during September 1938, for commercial steel castings amounted to 25,565 short tons, as compared to orders for 24,814 short tons booked during August, 1938, the Bureau of Census reports.

REFRIGERATION JOBBERS' MEET SET FOR DEC. 10

Meet Here to Precede Refrigeration, Air Conditioning Conclave in Chicago

A joint meeting of the Pacific Coast Refrigeration Jobbers Association and refrigeration and air-conditioning manufacturers who have co-operative jobbers set-ups, will be held December 10 and 11 at the Whitcomb Hotel in San Francisco. Peter H. Askew, president of the Association, announces.

The discussion of subjects of mutual interest to the industry will occupy a large part of the meeting. There will be short talks by members of the industry followed by open forums on the questions discussed in each address.

Following is the complete program for the meeting:

Saturday, December 10

9:00 A. M. to 12:30 P. M.: Meeting of the Pacific Coast Jobbers in California Room;

12:30 P. M. to 2:00 P. M.: Joint Luncheon of manufacturers, manufacturers agents and jobbers in Mahogany Banquet Room;

2:00 P. M. to 6:00 P. M.: Joint meeting of all the above in the California Room;

7:30 P. M.: Dinner at one of San Francisco's unique restaurants. Fine food, beautiful girls' show.

Sunday, December 11

8:00 A. M. to 9:00 A. M.: Group breakfast, Coffee Shop, Whitcomb Hotel;

9:00 A. M. to 11:00 A. M.: Meeting of the Pacific Coast Jobbers, California Room.

Those intending to attend the meeting are asked to notify Clarence F. (Sandy) Pratt, secretary of the Pacific Coast Refrigeration Jobbers Association. Special accommodations have been available for delegates.

The San Francisco meeting is the forerunner of the first All-Industry Refrigeration and Air Conditioning Exhibition and Convention to be held at the Stevens Hotel in Chicago, January 16, 17, 18, and 19, 1939, according to Mr. Pratt.

Plans for the national convention will be discussed in full during the Pacific Coast meeting next month.

Western refrigeration men anticipate a record attendance at the national meet. With many Pacific Coast jobbers already pledged to go to Chicago, plans are being formulated to start special trains from Los Angeles and San Francisco January 12 at 8:00 P. M.

The two trains will join at Ogden and arrive in Chicago January 15 at 9:00 A. M., according to the present schedule.

WESTERN AREA PWA PROJECTS 75% UNDERWAY

Schools Predominate; Street, Highway Improvements Second on List

Exactly a month and a half ahead of the deadline date of January 1, 1939, the Federal Public Works Administration has 75 per cent of a \$72,900,870 public works program under construction in this western four-state region, already re-employing 35,000 formerly idle men. This was announced officially yesterday by J. W. Bourner, Acting Regional Director, who added that about one-third of this money is being used to expand and improve school facilities.

In California alone, a total of \$59,481,119 in new PWA construction is assured and of this amount \$23,341,700 has been allotted to various school and college projects. Public Works Administrator Harold L. Ickes, with Presidential approval, has given this state's schools \$10,507,781 in outright grants and has made loans of \$137,000 besides.

For all of its 284 projects approved for the 1938 program, Administrator Ickes has granted California a total of \$29,025,904, and in addition, has made loans aggregating \$548,000.

Second to schools in cost in California will be the highway and street improvements, which will require a total of \$13,515,600, of which PWA is supplying \$6,082,011 all in grants. Included in this group of projects are bridges and subways.

The sum of \$9,406,700 is being spent on new municipal buildings and improvements on existing ones. PWA is furnishing \$4,233,019 in grants and \$143,000 in loans for this phase of the current public improvements in this state.

Hospital facilities are being expanded at a total cost of \$3,025,500, for which PWA has granted \$1,361,482.

Sewerage systems, both new construction and improvements, are being installed at a total cost of \$3,024,500. Administrator Ickes allotted \$1,361,052 in grants and loaned an additional \$28,000 for this work.

PWA harbor and pier construction this year will cost \$2,248,000, of which that Federal agency supplied \$1,154,052 in grants and \$44,000 in loans.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
3474	Camillel	United Rfg.	1000
3475	Capital	Capital	5000
3475	Carew	Jacks	40000
3476	Clark	Larsen	4000
3477	De Valle	S.F. Plas.	2975
3478-91	Doelger	Owner	4000
3492	Gay	Mariconi	3500
3493	Munn	Bay	2955
3494	Shoong	Owner	4250
3495	Standard	Owner	3500
3496	Suttick	United Rfg	2000
3497	Arnott	Owner	2000
3498-9	Christensen	Owner	3000
3500	Christensen	Owner	3500
3501	Galli	Owner	3090
3502-3	Galli	Owner	3500
3504	Galli	Owner	5000
3505	Lindsay	Owner	5500
3506	Simmons	Cahill	7500
3507	Stoneson	Owner	5500
3508	Balboa	Owner	12000
3509	Halsen	Owner	3050
3510	Hanson	Owner	3500
3511	Harband	Akard	10500
3512	Hardiman	Owner	3500
3513	Kastl	Calif	1000
3514	Parella	Garetta	4500
3515	Perego	Owner	10000
3516	Petrusella	Mazari	1000
3517	Ranile	Landry	1000
3518	Roma	Rossi	1500
3519	Rosenbaum	Anderson	1000
3520	Skold	Central	3250
3521	Struthers	Owner	2750
3522	Struthers	Owner	3000
3523	Struthers	Owner	3000
3524	Kenny	Hammill	2000
3525-7	Lindsay	Owner	3500
3528	Mason	Nelson	6000
3529	Pigaroff	Neadeau	4000
3530	Rosscih	Lindgren	5000
3531	Thorinson	Owner	3500
3532	Bissingner	Owner	40000
3533	Brandt	Wold	3000
3535	Costello	Owner	4000
3536	Dralke	Tait	2000
3537	Nelson	Owner	7000
3538	Olmo	United Rfg.	1900
3539	Van Nostiz	Quinasso	4000

ALTERATIONS
 3474) 2399 SAN BRUNO AVENUE.
 Alter flats.
 Owner—John Camillel, prem.
 Contractor—United Roofing and Siding Co., 2906 Mission St.
 Architect—Not given. \$1000

ALTERATIONS
 3475) 454-60 MONTGOMERY ST.
 Alter office bldg.
 Owner and Builder—Capital Co., 625 Market St.
 Architect—Not given. \$5000

APPARTMENTS
 3476) NW UNION AND DIVISA-
 NERO STS. Three-story and
 basement frame apts.
 Owners—Mary R. Martha M. Agnes
 C. and Claire E. Carew, c/o Jer-
 ome A. Carew, 111 Sutter St.
 Contractor—Jacks and Irvine, 620
 Market St.
 Architect—H. C. Baumann, 251 Kear-
 ny St.
 Engineer—Jas. M. Smith, 251 Kear-
 ny St. \$40,000

ALTERATIONS
 3477) 40 TRAINOR STREET. Alter
 storage and factory.
 Owner—J. A. Clark Draying Co., 100
 Howard St.
 Contractor—H. H. Larsen, 64 So.
 Park.
 Architect—Not given. \$4900

ALTERATIONS
 3478) 1114-A YORK STREET. Alter
 flats.
 Owner—A. De Valle, prem.
 Contractor—S. F. Plastering & Con-
 crete Co., 107 28th St.
 Architect—Not given. \$2975

DWELLINGS
 3479) E. 28th AVE. 100, 125, 150 N.
 Ortega. Three (3) 1-story and
 basement frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3480) E. 28th AVE. 143, 168 S. Nori-
 tega. Two (2) 1-story and base-
 ment frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3481) W. 29th AVE. 469, 494, 518, 543
 S. Noriega. Four (4) 1-story and
 basement frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3482) W. 28th AVE. 168, 193, 218, 243,
 268, 293, 318 S. Noriega. Seven (7)
 1-story and basement frame
 dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4900 ea.

DWELLING
 3483) NW 29th AVE and Ortega.
 One-story and basement frame
 dwelling.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000

DWELLING
 3484) NE 29th AVE. and Ortega.
 One-story and basement frame
 dwelling.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000

DWELLINGS
 3485) E. 29th AVE. 468, 493, 518 S.
 Noriega. Four (4) 1-story and
 basement frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3486) E. 30th AVE. 93-118 S. Nori-
 tega. Two (2) 1-story and base-
 ment frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3487) S. NORIEGA 70, 95, 120, 145
 W. 29th Ave. Four (4) 1-story
 and basement frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3488) N. ORTEGA 70, 95 W. 29th
 Ave. Two (2) 1-story and base-
 ment frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$1000 ea.

DWELLINGS
 3489) S. NORIEGA 57, 82, 107, 132
 E. 29th Ave. Four (4) 1-story
 and basement frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3490) E. 30th AVE 100, 125 N. Or-
 tega. Two (2) 1-story and base-
 ment frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLINGS
 3491) N. ORTEGA 82, 107, 132, 157
 E. 29th Ave. Four (4) 1-story
 and basement frame dwellings.
 Owner—Henry Doelger Builder, Inc.,
 320 Judah St.
 Architect—Not given. \$4000 ea.

ALTERATIONS
 3492) N. UNION 50 E. Franklin.
 Alter laundry.
 Owner—J. P. Gay, 1576 Union St.
 Contractor—G. Mariconi, 1670 Chest-
 nut St.
 Architect—Not given. \$3500

ALTERATIONS
 3493) 4346 3rd STREET. Alter flats.
 Owner—J. R. Nellie Munn, premices.
 Contractor—Bay Constr. Co., 2911
 Mission St.
 Architect—Not given. \$2955

ALTERATIONS
 3494) 605½ JACKSON ST. Alter
 stores and apts.
 Owner—Shoong Investment Co., c/o
 architect.
 Architect—Bernard J. Joseph, 74
 New Montgomery St. \$4250

DWELLING
 3495) N. ORTEGA 82 24th Avenue.
 One-story and basement frame
 dwelling.
 Owner—Standard Bldg. Co., 1500
 Judah St.
 Architect—Not given. \$3500

ALTERATIONS
 3496) 5250 THIRD ST. Alter dwell-
 ing.
 Owner — Nickolas J. Suttich, 5250
 Third St.
 Contractor—United Roofing and Siding
 Co., 2906 Mission St.
 Architect—Not given. \$2000

DWELLINGS
 3497) E 46th AVE. 100, 125, 150, 175
 S Vicente. Four 1-story and base-
 ment frame dwellings.
 Owner and Builder—Jas. Arnott and
 Son, 633 Taraval Street.
 Architect—Not Given. \$2,000 each

DWELLINGS
 3498) N HEARST 75, 100, 125, 150
 E Baden. Four 1-story and base-
 ment frame dwellings.
 Owner and Builder—H. Christensen,
 1801 19th Avenue.
 Architect — C. O. Clausen, 746 46th
 Avenue. \$3,000 each

DWELLING
 3499) E BADEN 75, 100, 125, 150,
 175 S Monterey. Five one-story
 and basement frame dwellings.
 Owner and Builder—H. Christensen,
 1801 19th Avenue.
 Architect — C. O. Clausen, 746 46th
 Avenue. \$3,000 each

- DWELLING**
(3500) SE BADEN and Hearst Sts.
One - story and basement frame dwelling.
Owner and Builder—H. Christensen, 1501 19th Avenue.
Architect—C. O. Clausen, 746 46th Avenue. \$3,500
- DWELLINGS**
(3501) E 40th AVE. 25, 50, 75 S Lawton St. Three 1-story and basement frame dwellings.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,000 each
- DWELLING**
(3502) SE 40th AVE. and Lawton St.
One - story and basement frame dwelling.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,500
- DWELLINGS**
(3503) E 40th AVE. 100, 125, 150, 175, 200, 225 S Lawton St. Six 1-story and basement frame dwellings.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$3,500 each
- DWELLINGS**
(3504) E 20th AVE. 77, 113 S Ocean Ave. Two 1-story and basement frame dwellings.
Owner and Builder—R. F. Galli, 377 West Portal Avenue.
Architect—E. H. Denke, 1317 Hyde Street. \$5,000 each
- DWELLING**
(3505) NW 37th AVE. and Kirkham.
Two - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 820 Taraval Street.
Architect—Not Given. \$5,500
- ALTERATIONS**
(3506) NW BAY and Powell. Alter warehouse.
Owner—Simmons Co., premises.
Contractor—Cahill Bros., 206 Sansome Street.
Architect—Will G. Corlett, Bank of America Bldg., Oakland. \$7500
- DWELLING**
(3507) W CRANLEIGH Drive 44 S Sloat. One-story and basement frame dwelling.
Owner and Builder—Stoneson Bros., 1 Sloat Blvd.
Architect—Not Given. \$5,500
- FLATS**
(3508) S JACKSON 200 E Baker St.
Two - story and basement frame flats.
Owner & Builder—Balboa Paint Co., 1253 9th Ave.
Architect—Not Given. \$12,000
- DWELLING**
(3509) E 15th AVE. 100 S Vicente.
One - story and basement frame dwelling.
Owner and Builder—A. Halsen, 2427 25th Avenue.
Architect—Not Given. \$5,000
- DWELLING**
(3510) W 47th AVE. 200 N Rivera.
One - story and basement frame dwelling.
Owner and Builder—Hanson & Klent, 2311 32nd Avenue.
Architect—Not Given. \$3,500
- COMMERCIAL BLDG.**
(3511) NE 11th and HOWARD Sts
One - story Class C commercial building.
Owner—Julius Harband, c/o cont. Contractor—W. C. Akard, 225 Cervantes.
Engineer—Hyman Rosenthal, 76 6th Avenue. \$10,500
- DWELLING**
(3512) W 23rd AVE. 93 N Noriega.
One - story and basement frame dwelling.
Owner and Builder—M. D. Hardiman, 423 38th Ave.
Architect—Not Given. \$3,500
- ALTERATIONS**
(3513) 1261 WALLER Street. Alter dwelling.
Owner—Laura Rose Kastl, premises.
Contractor—Calif. Home Imp. Co., 393 9th St.
Architect—Not Given. \$1,000
- DWELLING**
(3514) W ALBION 170 S 15th St.
One - story and basement frame dwelling.
Owner—F. Parella, 22 Albion.
Contractor—A. Garetta, 20 Albion St.
Architect—Not Given. \$4,900
- APARTMENT HOUSE.**
(3515) WEBSTER Street. Six-story apartment house.
Owner—Grace Perego, 176 Sutter St.
Contractors—Segregated Contracts.
Architect—H. C. Baumann, 251 Kearny Street. \$100,000
- BARBER SHOP**
(3516) W THIRD ST. 325 N 22nd St.
One-story frame barber shop.
Owner—Antone Petrusella, 334 Pennsylvania Ave.
Contractor—Masari and Scatina, 2550 19th Street.
Architect—Not Given. \$1,000
- ALTERATIONS**
(3517) 155 27th AVE. Alter dwelling.
Owner—Marion W. Randle, premises.
Contractor—L. J. Landry, 467 Laidley Street.
Architect—Not Given. \$1,000
- ALTERATIONS**
(3518) 1524 POWELL Street. Alter hall.
Owner—Roma Lodge of K. of P., 1524 Powell Street.
Contractor—F. Rossi, 1835 Stockton.
Architect—Not Given. \$1,500
- ALTERATIONS**
(3519) 161-181 EDDY ST. Alter hall and store.
Owner—Mr. Rosenbaum, 155 Montgomery Street.
Contractor—Jos. A. Anderson, 3221 Ceclia Ave.
Architect—Not Given. \$1,000
- DWELLING**
(3520) E 35th AVE. 100 S Rivera.
One - story and basement frame dwelling.
Owner—Harry O. Skold, 514 Miramar Avenue.
Contractor—Central Calif. Const. Co., 115 Burrows Street.
Architect—Not Given. \$3,250
- DWELLING**
(3521) SE TOPEKA 294 SW Silver Ave. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. \$2,750
- DWELLING**
(3522) SW SANTA FE 242 S Silver Ave. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. \$3,000
- DWELLING**
(3523) SW SANTA FE 268 S Silver Ave. One - story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. \$3,000
- ALTERATIONS**
(3524) 3259 32nd AVE. Alter flats.
Owner—John B. Kenny, premises.
Contractor—Hamill & Maier, 723 42nd Avenue.
Architect—Not Given. \$2,000
- DWELLING**
(3525) W 45th AVE. 250 S Cabrillo.
One - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 820 Taraval Street.
Architect—Not Given. \$3,500
- DWELLING**
(3526) W 45th AVE. 225 S Cabrillo.
One - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 820 Taraval Street.
Architect—Not Given. \$3,500
- DWELLING**
(3527) W 45th AVE. 275 S Cabrillo.
One - story and basement frame dwelling.
Owner and Builder—C. T. Lindsay, 820 Taraval Street.
Architect—Not Given. \$3,500
- DWELLING**
(3528) NE VILLA Terrace 214 NW Graystone Ter. Two-story and basement frame dwelling.
Owner—Ralph C. Mason, 455 Hyde.
Contractor—F. Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$6,000
- DWELLING**
(3529) W PENNSYLVANIA 150 S 19th. One - story and basement frame dwelling.
Owner—F. and P. Figareff, 424 Pennsylvania Ave.
Contractor—Mark Neadeau, 3618 16th Street.
Architect—Not Given. \$4,000
- FLATS**
(3530) W GRAND VIEW Ave. 175 S Romain. Two-story and basement frame flats.
Owner—W. Rossich, 346 Lowell St.
Contractor—A. C. Lindgren, 346 Lowell Street.
Architect—Not Given. \$5,000
- DWELLINGS**
(3531) SE WABASH TER. 252, 302, 327, 352, 377, 402, 427, 452, 477, 277 SE San Bruno Ave. Ten 1-story and basement frame dwellings.
Owner and Builder—F. H. Thorinsson, 1630 Ocean Avenue.
Architect—Not Given. \$3500 each
- ALTERATIONS**
(3532) NW DAVIS AND Pacific. Alter warehouse.
Owner—Bissinger and Co., Front and Jackson.
Architect—Leland S. Rosener, 233 Sansome St. \$40,000
- DWELLING**
(3533) W RAMSELL 175 S Sargent St. One-story and basement frame dwelling.
Owner—Brandt and Longmore, 3265 21st St.
Contractor—John Wold, 153 Oxford Street.
Architect—Not given. \$3000
- DWELLING**
(3534) W RAMSELL 150 S Sargent. One-story and basement frame dwelling.

Owner—Brandt and Longmore, 3265 21st St.
 Contractor—John Wold, 153 Oxford Street.
 Architect—Not given. \$3000

DWELLINGS
 (3535) E. 25th AVE. 100, 125, 150, 175 N. Ortega. Four (4) 1-story and basement frame dwellings.
 Owner—Michael Costello, 821 24th Ave.
 Architect—Not given. \$4000 ea.

ALTERATIONS
 (3536) 141 POWELL STREET, Alter store.
 Owner—Drake Estate, c/o cont.
 Contractor—W. C. Tail, Inc., 883 Market St.
 Architect—Albert R. Williams, 251 Post St. \$2000

DWELLING
 (3537) W. 19th AVE. 250 S. Sloat Blvd. One-story and basement frame dwelling.
 Owner—F. Nelson and Sons, 2901 19th Ave.
 Architect—Not given. \$7000

ALTERATIONS
 (3538) 53 POMONA STREET, Alter flats.
 Owner—Charlotte Dall Olmo, prem.
 Contractor—United Roofing and Siding Co., 2906 Mission St.
 Architect—Not given. \$1900

DWELLING
 (3538) W. 38th AVE. 175 S. Quintara. One-story and basement frame dwelling.
 Owner—Julius Van Nostiz, 4121 Culver St., Oakland.
 Contractor—S. A. Quinasso, 2203 26th Avenue.
 Architect—Not given. \$4000

ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
2653	Graham	Smith	3600
2654	Johnson	Johnson	3000
2655	Olsson	Diedine	6000
2656	Smith	Thrams	17800
2657	Warren	Owner	3200
2658	Darn	Rose	1000
2659	Johnson	Owner	5025
2660	Wyman	Owner	1300
2661	Dantoni	Owner	1460
2662	Darling	Owner	3000
2663	Dooley	Owner	3800
2664	Drexel	Owner	5500
2665	Hill	Owner	9000
2666	Lee	Lee	4300
2667	Mather	Van Ness	4000
2668	Tisher	Owner	3000
2669	Whiger	Ghigliotti	4250
2670	Berkeley	Christensen	19902.1
2671	McPherson	Sharrer	4650
2672	Cerinch	Hambleton	3400
2673	Hart	Owner	4000
2674	Hart	Owner	5000
2675	Hart	Owner	16000
2676	Kletzker	Owner	6500
2677	Netherby	Netherby	5000
2678	Roberts	California	10000
2679	Sparling	George	1050
2680	Hawley	Hawley	1050
2681	Johnston	Walker	8000
2682	Melne	Justice	1000
2683	Montgomery	Justice	3000
2684	Smith	Goodmundson	1250
2685	Trimlett	Owner	3000
2686	Brasch	Brasch	4000
2687	Reigor	O'Brien	2000
2688	Cassery	Amer. Rig.	1885
2689	Clorox	Donnelly	1550
2690	Dunford	Caskey	4000
2691	Goodman	Johnson	6000
2692-3	Hill	Owner	4000
2694	Home Loan	Gabriel	3650
2695	Robinson	Johnson	6500
2696	Smith	Hall	3800
2697	Yewdall	Johnston	6000

(2653) 9521 GOLF LINKS ROAD, OAKLAND. One-story five-room dwelling.
 Owner—Gordon A. Graham.
 Contractor—Geo. O. Smith, 9612 Golf Links Road.
 Architect—Not Given. \$3,600

DWELLING
 (2654) 1743 104th AVE, OAKLAND. One-story 5-room dwelling.
 Owner—M. H. Johnson.
 Contractor—Elmer Johnson, 5515 Foothill Blvd.
 Architect—Not Given.
 Also 1-story garage, \$200.
 Architect—Not Given. \$3,000

STORE BLDG.
 (2655) 1921-23-25-27 FRUITVALE AVE. OAKLAND. One-story store bldg.
 Owner—F. Olsson-Seffer, 2920 58th Avenue.
 Contractor—Verne Diedine, 350 63rd Street.
 Architect—Not Given. \$6,000

STORE BLDG.
 (2656) 5529-5533 COLLEGE AVENUE, OAKLAND. One-story stores.
 Owner—Jesse Smith, 12th and Washington Streets.
 Contractor—C. H. Thrams, 28 Home Place.
 Architect—Ray F. Keefer, 585 Mandana Blvd. \$17,800

DWELLING
 (2657) 3167 EASTMAN AVE, OAKLAND. One-story 5-rm. dwelling.
 Owner and Builder—W. H. Warren, 3038 Dakota Street.
 Architect—Not Given. \$3,200

REPAIRS
 (2658) 1930 HEARST, BERKELEY. Repair fire damage.
 Owner—F. H. Darn, 1165 Bay Street, San Francisco.
 Contractor—W. A. Rose, 478 25th St, Oakland.
 Architect—Not given. \$1000

RESIDENCE
 (2659) 27 FAIRVIEW, PIEDMONT. One-story, 5-room residence and garage.
 Owner and Builder—C. B. Johnson, 906 Blair Ave., Piedmont.
 Architect—Not given. \$5025

DWELLING
 (2660) 1304 STANNAGE, BERKELEY. One-story, 3-room frame dwelling and garage.
 Owner and Builder—J. F. Wyman, 1306 Stannage.
 Architect—Not given. \$1300

DWELLING
 (2261) 9920 E. STREET, OAKLAND. One-story, 3-room dwelling.
 Owner and Builder—B. Dantoni, 9914 E Street.
 Architect—Not given. \$1460

DWELLING
 (2662) 2068 85th AVENUE, OAKLAND One-story, 5-room dwelling.
 Owner—Erwen Darling, 1750 102nd Ave.
 Architect—Not given. \$3000

DWELLING
 (2663) 2714 23rd AVE, OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—Fred T. Dooley, 4100 35th Ave.
 Architect—Not given. \$3800

DWELLING
 (2664) 1334 MOUNTAIN BLVD., OAKLAND. One-story, 6-room dwelling.
 Owner—Drexel Heater, 4880 Webster Street.
 Architect—Not given. \$5500

DWELLING
 (2665) 2107 109th AVE, OAKLAND. One-story, 5-room dwelling.
 Owner—R. Hill, 880 St. Mary's Ave.
 Architect—Not given. \$4000

DWELLING
 (2666) 4101 NORTON AVE, OAKLAND. One-story, 5-room dwelling.
 Owner—L. J. Lee, 2439 Harrington Ave.
 Contractor—B. F. Lee, 2813 Humboldt Ave.
 Architect—Not given. \$4300

DWELLING
 (2667) 4624 KAPHAM AVE, OAKLAND. One-story, 4-room dwelling.
 Owner—Homer Mather, 2640 39th Ave.
 Contractor—Elvin Van Ness, 4920 Park Blvd.
 Architect—Not given. \$4000

DWELLING
 (2668) 1832 102nd AVE, OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—C. R. Tisher, 6127 Foothill Blvd.
 One-story garage, \$100.
 Architect—Not given. \$3000

DWELLING
 (2669) 1148 GARFIELD, ALBANY. 1½-story 5-room frame dwelling.
 Owner—R. G. Weber.
 Contractor—Louis Ghigliotti, 5165 Coronado.
 Architect—Not Given. \$4,350

SHOP UNIT
 (2670) 2211 GROVE ST., BERKELEY. Berkeley high school shop unit.
 Owner—Berkeley Board of Education 2325 Milvia Street.
 Contractor—H. J. Christensen Co., W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.
 Architect—Not Given. \$199,621

DWELLING
 (2671) 2916 SHASTA ROAD, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—Dr. and Mrs. H. A. McPherson, 533 Alcatraz.
 Contractor—H. L. Sharrer, 1709 University Ave.
 Architect—Not Given. \$4,650

DWELLING
 (2672) 6100 PINEWOOD RD, OAKLAND. One-story 5-room dwelling.
 Owner—S. Cerinch.
 Contractor—Fred Hambleton, 1601 Wellington Street.
 Architect—Not Given. \$5,400

REPAIR SHOP
 (2673) 1688 24th ST., OAKLAND One-story conc. repair shop.
 Owner and Builder—George E. Hart, First and Brannan Sts., S. F.
 Engineer—Warren E. Murray, 908 Hayes St., San Francisco. \$4,000

OFFICE BLDG.
 (2674) 1688 24th ST., OAKLAND. One-story office bldg.
 Owner and Builder—George E. Hart, First and Brannan Sts., S. F.
 Engineer—Warren E. Murray, 908 Hayes St., San Francisco. \$5,630

FREIGHT TERMINAL
 (2675) 1688 24th ST., OAKLAND One-story conc. freight terminal.
 Owner and Builder—George E. Hart, First and Brannan Sts., S. F.
 Engineer—Warren E. Murray, 908 Hayes St., San Francisco. \$16,000

DWELLING
(2676) 8 EL CARMELLO CIRCLE, OAKLAND. Two-story 7-room dwelling.
Owner & Builder—R. C. Kletzker, 2905 Brookdale Ave.
Architect—Not Given. \$6,500

DWELLING
(2677) 5841 PINWOOD RD., OAKLAND. Two-story 5-rm. dwelling.
Owner—E. M. Netherby, 3853 Lyman Road.
Contractor—W. L. Netherby, 3853 Lyman Road.
Architect—Not Given. \$5,000

STORE
(2678) 4311 HOPKINS ST., OAKLAND. One-story store bldg.
Owner—Chas. I. Roberts, 364 14th St.
Contractor—California Builders Co., 364 14th Street.
Architect—Earl R. MacDonald, 1770 Franklin St. \$10,000

ADDITION
(2679) 1238 SUNNYHILLS ROAD, OAKLAND. Addition.
Owner—F. A. Sparling, premiae.
Contractor—W. George, 1201 Dwight Way.
Architect—Not Given. \$1,000

FORGING SHOP
(2680) 1231 4th, BERKELEY. One-story 1-room forging shop.
Owner and Builder—R. Hawley, 1955 Napa Street.
Architect—P. A. Stafford, 126 Carmel Avenue. \$1,000

DWELLING
(2681) 1920 YOSEMITE, BERKELEY. Two-story 7-room frame dwelling and garage.
Owner—E. M. Johnston, 1675 Capistrano.
Contractor—J. M. Walker, 401 Spruce Street.
Architect—Not Given. \$8,000

ADDITION
(2682) 6018 HOLWAY ST., OAKLAND. One-story addition.
Owner—Mr. Melne.
Contractor—N. F. Justice, 2206 Clinton Avenue.
Architect—Not Given. \$1,000

DWELLING
(2683) 8619 LAIRD ST., OAKLAND. One-story 5-room dwelling.
Owner—Mr. Montgomery, Oakland.
Contractor—N. F. Justice, 2206 Clinton Avenue.
Architect—Not Given. \$3,000
Also garage, \$125.

RE-ROOF
(2684) 2530-64 BROADWAY, OAKLAND. Re-roof.
Owner—W. A. Smith, 920 Kingston Ave., Piedmont.
Contractor—A. K. Goodmundson, 45th Ave. and Clement St.
Architect—Not Given. \$1,250

DWELLING
(2685) 4417 SAN CARLOS AVENUE. One-story five-room dwelling.
Owner and Builder—L. Trimlett, 761 53rd Street.
Architect—Not Given. \$3,000
Also 1-story garage, \$200.

DWELLING
(2686) 1615 ACTION, BERKELEY. One-story, 5-room frame dwelling and garage.
Owner—M. G. Brasch, 1600 Mt. Blvd., Oakland.
Contractor—M. B. Brasch, 1600 Mt. Blvd., Oakland.
Architect—Not given. \$4000

REPAIR
(2687) 1177 KEITH, BERKELEY. Repair fire damage.
Owner—Paul Reigor, 1177 Keith, Berkeley.
Contractor—Lloyd O'Brien, 315 14th St., Oakland.
Architect—Not given. \$2000

ALTERATIONS
(2688) 658 56th STREET, OAKLAND. Alter and repairs.
Owner—Mrs. Nora M. Casserly, 658 56th St.
Contractor—American Roof Co., 383 40th St.
Architect—Not given. \$1885

REPAIRS
(2689) 850 42nd AVE., OAKLAND. Roof Repairs.
Owner—Clorox Chemical Co., 850 42nd Ave.
Contractor—Donnelly Roof Co., 1700 47th Ave.
Architect—Not given. \$1550

DWELLING
(2690) 830 MOUNTAIN BLVD., Oakland. One-story, 5-room dwelling.
Owner—W. M. Dunford, 3008 Dona St., Berkeley.
Contractor—H. T. Caskey, 4215 Carson St.
One-story garage, \$200.
Architect—Not given. \$4000

DWELLING
(2691) 4301 DUNSMUIR AVENUE, OAKLAND. One-story, 5-room dwelling.
Owner—A. R. Goodrnan, 3437 Haley Young Ave.
Contractor—O. W. Johnson, 3721 Franklin St.
Architect—Not given. \$6000

DWELLING
(2692) 3037 82nd AVE., OAKLAND. One-story, 6-room dwelling.
Owner and Builder—Frank R. Hill, 4162 35th Ave.
Architect—Not given. \$4000

DWELLING
(2693) 3040 82nd AVE., OAKLAND. One-story, 6-room dwelling.
Owner and Builder—Frank R. Hill, 4162 35th Ave.
Architect—Not given. \$4000

DWELLING
(2694) 4434 ALBERT ST., OAKLAND. One-story, 5-room dwelling.
Owner—Home Loan Security Co., 1447 Franklin St.
Contractor—Walter N. Gabriel, 1447 Franklin St.
Architect—Not given. \$3650

DWELLING
(2695) 4244 DUNSMUIR AVE., Oakland. Two-story, 6-room dwelling.
Owner—C. H. Robinson, 286 Lenox Ave.
Contractor—O. W. Johnson, 3721 Young Ave.
Architect—Not given. \$6500

DWELLING
(2696) W. MAZUELA DRIVE, OAKLAND. Lot 740 Montclair High. One-story, 4-room dwelling.
Owner—Douglas Smith.
Contractor—Virgil Hall, 654 13th St.

DWELLING
(2697) 4987 HARBORD DRIVE, Oakland. One-story, 6-room dwelling.
Owner—Walter Yeudall, Sr., 2639 Dana St., Berkeley.
Contractor—W. P. Johnston, 2639 Dana St.
Architect—Paul Tuttle, 3718 Grand Ave. \$6000

BUILDING CONTRACTS SAN FRANCISCO COUNTY

409 Wilson	Abraham	2104
410 P G & E	Dinwiddie	3363

ALTER AND RECONSTR.
(409) ROOMS 202 & 203, Westphal Bldg., 545 Sutter St. Alter and reconstruct Record Library.
Owner—H. W. Wilson, prem.
Architects—Morrow & Morrow, De Young Bldg.
Contractor—H. Abrahams, 50 Silliman St.
Dated..... Filed Nov. 10, '38.
Nov. 15 \$790
Completion—up to 75%
Usual 35 days Balance
TOTAL \$2104.00
Limit 25 days. Plans and specifications filed.

UNDERGROUND LINES
(410) YERBA BUENA Island bet. Island and Army substations. Underground duct line with man-holes.
Owner—Pacific Gas & Electric Co., 445 Sutter Street.
Architect—Not Given.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.
Filed, Nov. 14, '38. Dated, Nov. 2, '38.
Upon completion 85%
Usual 35 days 13%
TOTAL COST, \$3,363.00
Bond, \$3,363. Sureties, Pacific Indemnity Co. Limit, 30 days. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

252 Seffer	Diddins	5875
------------	---------	------

RESIDENCE
(252) W. SIDE FRUITVALE AVE., 100 ft. So. Foothill Blvd., Oakland. Residence.
Owners—Dr. and Mrs. Olsen Seffer.
Architect—Jas. H. Anderson, Berkeley.
Contractor—Verne Diddins, 350 63rd St., Oakland.
Filed Nov. 11, '38. Dated Nov. 4, '38.
Frame up \$1468.75
First coat plaster \$1468.75
Completion \$1468.75
Usual 35 days \$1468.75
TOTAL, \$5875.00
Plans and specifications filed.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

SIGN, electric, \$100; 532 Grant Ave.; owner, Shanghai Low, premiae; contractor, Wonderrite Neon Prod. Co., 170 Otis St.
ALTER flats, \$350; 1235 10th Ave.; owner, Mr. Collins, c/o cont.; contractor, Ira W. Coburn, 2048 Market St.
ALTER dwelling \$500; 14 Apt. Ave.; owner, Vernon Showell, prem.; contractor, H. Papenhausen, 595 Victoria St.
ALTER apts., \$900; SW Laguna and O'Farrell; owner, Marjory Alps, 1880 Page St.; plans by A. J. Horstmann, 466 36th Ave.
ALTER dwelling, \$225; 3934 25th St.; owner, B. Bullson, prem.; contractor, Victor E. Ratto, 4505 18th St.
SIGN, electric, \$100; 453 Grant Ave.; owner, New Shanghai Cafe, prem.; contractor, Wonderrite Neon Prod. Co., 170 Otis St.
ALTER bakery, \$400; 3605 18th St.; owner, Mrs. Kahn, 2100 Jackson Ct.; contractor, Phoenix-Simpson Co., 520 Sixth St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Schools |
| 7.—Federal Buildings | 17.—Banks, Stores and Offices |
| 8.—Club Buildings | 18.—Theatres |
| 9.—Hospitals | 19.—Wharves & Docks |
| 10.—Hotels | 20.—Misc. Const. |
| | 21.—Misc. Supplies & Etc. |

1—APARTMENTS

Contract Awarded
APARTMENTS Cost, \$40,000
SAN FRANCISCO, NW Union and Divisadero Sts.
 Three-story and basement frame & stucco apartment building.
 Owners—M. R., M. M., A. C., & C. E. Carewe, c/o Jerome A. Carewe, 111 Sutter St.
 Architect—H. C. Baumann, 251 Kearny St.
 Engineer—Jas. M. Smith, 251 Kearny Street.
 Contractor—Jacks and Irvine, 620 Market St. • 1

To Be Done By Day's Work
APARTMENTS Cost, \$100,000
SAN FRANCISCO, SE Lewis and Webster Streets.
 Six-story apartment house.
 Owner and Builder—Grace Perego, 176 Sutter Street.
 Architect—H. C. Baumann, 251 Kearny Street.

4— FACTORIES & WAREHOUSES

Completing Plans
WAREHOUSE Cost, \$17,500
SAN FRANCISCO, Golden Gate Ave., near Van Ness.
 One-story concrete, Class "C" warehouse.
 Owner—Withheld.
 Architect—Conrad T. Kett, 519 California St.
 Plans will be completed shortly and figured by a selected list of contractors.

To Be Done By Day's Work
ALTER WAREHOUSE Cost, \$40,000
SAN FRANCISCO, NW Davis and Pacific Sts.
 Alterations to warehouse.
 Owner—Blissinger and Co., Front & Jackson Sts.
 Engineer—Leland S. Rosener, 233 Sansome St. • 4

7— FEDERAL BUILDINGS

BIDS OPENED
SAN DIEGO, Calif.—Hunt & Curry Co., 1701 "B" St., San Diego, submitted low bid to the 11th Naval District at \$311,000, for North Extension to Final Assembly Shop at the Naval Operating Base (Air Station), San Diego; Spec. 8934. Work consists in general of an extension to an existing one-story building. The extension will have a first floor area of approx. 96,000 sq. ft. The work will include concrete; steel and

iron work; corr. asbestos siding; roofing and sheet metal work; steel windows; steel doors; plaster work; carpentry work; plumbing, air, steam and electric system.
Complete basic bids follow:
 Hunt & Curry \$311,000
 B. O. Larsen \$315,000
 Weymouth Crowell
 Construction Co. 318,850
 Jas. I. Barnes Constr Co. 319,000
 Chas. L. Hoskins 328,499
 Pozzo Constr. Co. 329,806
 Western Steel Erecting Co. 333,742
 F. E. Young 343,000
 Johnson, Drake & Piper 344,978
 7

BIDS WANTED
NEWBERG, Ore.—Until Dec. 9, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for water-roofing at the U. S. P. O., at Newberg. 7

BIDS OPENED
SAN FRANCISCO.—Corry Jamestown Mfg. Co., Corry, Pa., at \$417.31 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counter and gate at the U. S. P. O. and Court House, S. F.
Complete bids were:
 Corry Jamestown Mfg. Co., Corry, Pa. \$417.31
 The Interior Steel Equipment Co., Wash., D.C. 420.00
 The Shaw-Walker Co., Wash., D. C. 433.00
 Peerless Steel Equipment Co., Baltimore, Md. 442.00
 Metal Office Furniture Co., Grand Rapids, Mich. 453.89
 Watson Mfg. Co., Inc., Jamestown, N. Y. 468.00
 Metal Constr. Co., Wash., D. C. 477.00
 The General Fireproofing Co., Wash., D. C. 496.00
 The Globe Wrenckle Co., Wash., D. C. 565.00
 W. R. Ames Co., S.F. 662.00
 M. G. West Co. 690.00

Contract Awarded
ADDITION Cont. Pr., \$16,180
LOS ANGELES, Calif.
 Construction of Shop, Garage, and Parrot Detention Building at the U. S. Quarantine Station, L. A.
 Owner—United States Government.
 Plans by Sub. Architect of Treasury Dept., Washington, D. C.
 Contractor—Duff & Vanderhooven Co., 733 W 14th St., Long Beach.

BIDS WANTED
SAN DIEGO, Cal.—Until Nov. 23, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 60-h.p. diesel engine driving 40-kw. direct current generator at the Naval Operating Base (Destroyer Base), San Diego. Spec. No. 8963. Estimated cost, \$5,000.
 Specifications may be obtained from the above office and from the Commandant Naval Operating Base, San Diego, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED
OLYMPIA, Wash.—Until Nov. 29, 10 A. M., bids will be received by the Director of Highways, L. V. Marrow at Olympia, Wash., for construction of Headquarters Buildings for the

Department of Highways South of Olympia.
 Separate bids will be received for general construction, mechanical work and electrical work. Estimated cost, \$166,000.
 Plans and specifications may be obtained from the Director of Highways upon deposit of \$200.

BIDS WANTED
SANTA MONICA, Los Angeles Co., Cal.—Until Nov. 23 bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for exterior stucco, etc., at the U. S. P. O. at Santa Monica. 7

CONTRACT AWARDED
SACRAMENTO, Calif.—Walter J. Gamel, 4640 Federal Blvd., Denver, Colo., at \$3,773 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc. (old portions) in the U. S. P. O. and Court House at Sacramento.

BIDS WANTED
MARE ISLAND, Solano Co., Cal.—Until Dec. 7, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. No. 9043. Est. cost, \$250,000.

Work consists of concrete piles and foundations for machine shop approximately 250 feet wide by 900 feet long.
 Specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED
PORTLAND, Ore.—Until Nov. 23 bids will be received by the Custodian of the Building for new elevator cables, etc., at the U. S. Court House, Portland. 7

BIDS WANTED
SAN DIEGO, Cal.—Until Nov. 22, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for driving timber piles for four piers at the Naval Operating Base (Air Station), San Diego; Spec. 9038.
 Work consists of the furnishing of necessary equipment and labor for the driving of creosoted wood piles for four piers, and the removal of two single-pile and six three-pile dolphins. Creosoted wood piles will be furnished at the site by the Government.

Bidding data obtainable from the Public Works Officer upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. (1010) 7

BIDS OPENED
SAN FRANCISCO.—Atlas Heating & Ventilating Co., Ltd., 557 Fourth St., at \$432 submitted low bid to the War Department Quartermaster Corps, Ninth Corps Area, Presidio of San Francisco, under Bid No. 3922-39-3, for furnishing and installing one 210,000 BTU gas fired heating unit complete, equipped and installed on second floor of building located at No. 1441 Van Ness Ave., San Francisco.
 Complete bids follow:
 Atlas Heating & Ventilating

Co., Ltd.	\$432.00
Cunningham Sheet Metal Works	440.00
Ideal Ventilating & Sheet Metal Works	545.75
E. Sugarman	491.00
H. C. Spoeckle	\$537.00
Pacific Gas & Electric Co., (heater only)	545.50
Geo. A. & W. Wara	555.86

CONTRACT AWARDED

SAN FRANCISCO.—Pioneer Construction Co., Lloyd Bldg., Seattle, Washington, \$353,400 awarded contract by the War Dept., Washington D. C., for construction of one 250-men barracks and one 263-men barracks at the Presidio, San Francisco.

SUB-BIDS WANTED

MARE ISLAND, Solano Co., Calif.—D. W. Nicholson, 357 12th St., Oakland, is figuring plans and desires sub-bids on all portions of the work for construction of a high frequency station at U. S. Navy Yard, Mare Island, for which bids will be opened Nov. 16, 11 A. M., by the Public Works Officer, Mare Island; Spec. 8932.

CONTRACT AWARDED

SAN FRANCISCO.—Atlas Heating & Ventilating Co., Ltd., 557 Fourth St., at \$432 awarded contract by the War Department, Ninth Corps Area, Presidio, under Bid No. 3922-39-3 for furnishing and installing one 210,000 BTU gas fired heating unit complete, equipped and installed on the second floor of building located at 1441 Van Ness Ave., San Francisco.

November 16, 1933

LOW BIDDER

WHIPPLE, Ariz.—Anchor Fence Co., Eastern Ave. and Kane Street, Baltimore, Md., at \$7,184 submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing and finishing complete a chain link fence and gates at the Veterans' Facility, Whipple, Arizona.

BIDS OPENED

PRADO DAM, L. A. County, Calif.—Wm. Rohrbacher, 116 W. 5th St., Santa Ana, submitted low bid to U. S. Engineer, L. A., Nov. 14, at \$8625, for construction of field office bldg. at Prado Dam on the Santa Ana River, near Corona. Complete bids were:

Wm. Rohrbacher	\$8625.00
Kemp Bros.	9620.00
Lindgren & Swinerton	9854.50
Contracting Engineers Co.	9862.50
J. E. Burrell & Son	11,154.35
Government Estimate	7796.00

LOW BIDDERS

MARE ISLAND, Solano Co., Calif.—K. E. Parker Co., 135 South Park, San Francisco, at \$276,300 (item 1) submitted low bid to the U. S. Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8836, for a hospital corpsmen's dormitory and a nurses' quarters at the Naval Hospital, Mare Island.

Bids were received on the following items: (1) work complete for both buildings, (2) work complete, omitting two wings on corpsmen's dormitory, (3) work complete, omitting one wing on corpsmen's dormitory, (4) work complete, omitting one wing on nurses' quarters, (5) work complete, omitting one wing on nurses' quarters and two wings on corpsmen's dormitory, (6) work complete, omitting one wing on nurses' quarters and one wing on corpsmen's dormitory.

Low bidders follow:

K. E. Parker Co., S. F., (1) \$276,300, (2) \$259,600, (3) \$268,500, (4) \$246,300, (5) \$230,190, (6) \$238,650.

*James I. Barnes Constr. Co., Santa Monica, (1) \$283,000, (2) \$285,000, (3) \$274,000, (4) \$253,000, (5) \$234,000, (6) \$241,000.

MacDonald & Kahn Co., Ltd., S.F., (1) \$289,952, (2) \$272,185, (3) \$281,785, (4) \$260,961, (5) \$245,508, (6) \$254,704.

*Following bids submitted by James I. Barnes Construction Co., and modified as of above by telegraphic additions: (1) \$200,000, (2) \$185,000, (3) \$191,000, (4) \$182,000, (5) \$170,000, (6) \$175,000.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Dec. 14, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for structural steel frame work for machine shop (250x900-ft.) at the Navy Yard, Mare Island.

Specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until Dec. 21, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for structural steel frame work for assembly and repair shop at the Naval Air Station, Alameda; Spec. No. 9032.

Drawings and specifications obtainable from the above office and from the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$50 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—Until Dec. 14, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of Quaywall at the Navy Yard, Mare Island. Spec. No. 9039. Est. Coct, \$800,000.

BIDS OPENED

MARE ISLAND, Solano Co., Calif.—George J. Maurer, 50 York Drive, Piedmont, at \$170,889 submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for erection of a high frequency transmitting station including buildings and accessories at the U. S. Navy Yard, Mare Island, Spec. 8932.

Complete bids follow: George J. Maurer, Piedmont, \$170,889.

De Luca & Con, Inc., San Francisco, \$179,448.

Fred J. Early, Jr., San Francisco, \$185,858 (includes telegraphic deductions of \$3,000).

Louis C. Dunn, Inc., San Francisco, \$198,000 (includes telegraphic deductions of \$27,000).

MacDonald & Kahn Co., Ltd., San Francisco, \$235,561 (includes telegraphic deduction of \$14,419).

LOW BIDDERS

SAN DIEGO, Calif.—Charles and F. W. Steffgen, 2015 Bay Front, San Diego, at \$248,900 (item one) and M. H. Golden, 531 Bank of America Bldg., San Diego, at \$188,000 (item two) submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 8 moorings, consisting of concrete plat-

forms supported by precast concrete cylinder on wood piles at the Naval Operating Base, San Diego; Spec. No. 8903.

Low bidders follow:

Charles and F. W. Steffgen, San Diego, (1) \$248,900, (2) \$244,000.

M. H. Golden, San Diego, (1) —, (2) \$188,000.

Case Construction Co., San Pedro, (1) \$254,250, (2) \$240,000.

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until Dec. 21, 1933, 2:30 P. M., bids will be received by the Constructing Quartermaster, Sacramento, Air Depot, for the construction and completion of traveling bridge crane in center aisle of Air Corps Engineering Shop at the Sacramento Air Depot, Sacramento.

Plans and specifications may be obtained at the above office upon deposit of \$5.00.

CONTRACT AWARDED

SAN DIEGO, Calif.—Hunt & Curry, 1701 B St., San Diego, at \$235,500, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 8961, for Diesel Oil Tank, Pumping Plant, Foam Generating Plant and Oil Piping System at the Naval Operating Base (Fuel Depot), San Diego.

9— HOSPITALS**Bids Opened****HOSPITAL**

SAN FRANCISCO, Seventh Avenue and Dewey Blvd. (Laguna Honda Home).

Construction of New Hospital Unit, Ward Bldgs. "M" and "N", and alterations to present ward bldgs. "E", "F" and "L" and Service Building. New hospital building (400 beds), will connect with the present unit and contain X-ray offices, staff offices, operating room and morgue.

Owner—City and County of S. F. Architect—Dodge A. Riedy, 821 Market St. and Frederick H. Meyer, Kohl Building.

Structural Engineers—W. H. Ellison, Pacific Bldg., and Hall & Pregnoff, 350 California Street, Associates.

Electrical Engineer—Robert L. Saint John, 544 Market Street.

Mechanical Engineers—Leland & Hawley, 58 Sutter Street.

Low Bidder—Monson Bros., 475 Sixth Street, \$558,644.

Bids were taken as follows:

General Construction

Proposal 1: All work.

Alt. 1: Add or deduct for Schlage heavy duty locks.

Mechanical Equipment and

Plumbing Work

Proposal 1: All Work.

Electrical Work

Proposal 1: All Work.

Complete bids follow:

Monson Bros., \$558,644 (Alt. 1) ded.

\$525.

MacDonald & Kahn Co., Ltd., \$575,-

575; (Alt. 1) deduct \$800.

Anderson & Ringrose, \$576,000; (Alt.

1) deduct \$825.

Clinton Const. Co., \$589,400; (Alt. 1)

deduct \$500.

Mechanical Equip. & Plumbing

Herman Lawson Co., 465 Te-

hama Street
 \$180,393 |

Anderson & Rowe
 184,777 |

James A. Nelson
 194,611 |

Scott Company, Inc.
 196,887 |

Alta Elec. & Mech. Co.
 199,687 |

Electrical Work

Derker Elec. Const. Co., 538

Bryant Street
 \$53,960 |

Atlas Electric Co.
 55,181 |

American Elec. Const. Co.
 56,180 |

Kennedy Electric Co.	61,783
Abbott Electric Co.	63,676
Cory & Joslin, Inc.	65,980
R. Flatland	66,830
C. A. Langlais	67,350

12— POWER PLANTS

BIDS WANTED

- BONNEVILLE, Ore.**—Until Dec. 9, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No 394-39-63, for the completion of the powerhouse structure, including installation of embedded turbine parts, for Units No. 3 to 6, inclusive, at Bonneville Dam, Bonneville, Oregon. Work involves:
- (1) 100 c.y. rock excavation;
 - (2) 38,200 c.y. concrete, Class A below El. 55.0;
 - (3) 7,300 c.y. do, above El. 55.0;
 - (4) 7,000 c.y. concrete, Class A, moderate heat of hardening, below El. 55.0;
 - (5) 2,400 c.y. concrete, Class B, below El. 55.0;
 - (6) 55 c.y. sawdust concrete;
 - (7) 6,480,000 lbs. reinf. steel;
 - (8) 100 l.f. galv. cast iron for reinf. steel;
 - (9) 900,000 lbs. struc. steel, heavy;
 - (10) 60,000 lbs. do, light;
 - (11) 15,000 lbs. floor gratings, steel;
 - (12) 41,600 lbs. steel rails;
 - (13) 7,200 lbs. steel castings;
 - (14) 17,200 lbs. iron castings;
 - (15) 1,400 lbs. bronze castings;
 - (16) 10,270 lbs. setting anchor bolts and inserts—material furnished by Govt.;
 - (17) 16,460 lbs. setting anchor bolts and inserts—material furnished by contractor;
 - (18) 292 each cast splicing broken bars, 1½-in. square;
 - (19) 261 each do, 1¼-in. square;
 - (20) 1500 l.f. copper water stops, vertical;
 - (21) 800 l.f. do, horizontal;
 - (22) 37,800 lbs. fabricated steel plate pipe and fittings;
 - (23) 28,500 lbs. steel pipe, black;
 - (24) 200 lbs. fittings, screwed cast iron black;
 - (25) 3600 lbs. flanges, plate steel, for welding;
 - (26) 13,400 lbs. wrought iron pipe, galv.;
 - (27) 700 lbs. fittings, screwed, galv. malleable cast iron;
 - (28) 15,500 lbs. pipe, flanged cast iron;
 - (29) 8,600 lbs. fittings flanged cast iron;
 - (30) 22,000 lbs. soil pipe, cast iron bell and spigot;
 - (31) 1300 lbs. fittings soil, cast iron bell and spigot;
 - (32) 2900 lbs. floor and roof drains;
 - (33) 3800 lbs. gate valves, iron body, flanged, O. S. & Y.;
 - (34) 23,600 lbs. special fittings, cast iron (suction bells and gratings);
 - (35) 1 job, "embedded turbine parts" for 4 units, installation only;
 - (36) 200 yd. grouting of turbine parts;
 - (37) 130,000 lbs. grouting compound;
 - (38) 1 job unwatering;
 - (39) 1 job timber partition, temp.;
 - (40) 1 job removal of temporary concrete walls at Pier 3;
 - (41) 2800 sq. yds. suspended ceiling;
 - (42) 41 sq. yd. plaster, cement;
 - (43) 41 sq. yd. plaster, gypsum;
 - (44) 770 sq. ft. tile walls, 12-inch thick;
 - (45) 2000 lbs. generator pit doors;
 - (46) 5000 lbs. manholes, water tight;
 - (47) 250 squares roof membrane;
 - (48) 9500 lbs. 20-oz. copper flashings and counter-flashings;
 - (49) 3300 lbs. aluminum expansion joint trim;
 - (50) 2 MFEM oak lumber;
 - (51) 33 MFEM fir lumber;
 - (52) 1 job removal of doors and win-

- dows from wall at Pier 3 and their installation at Pier 7;
- (53) 1 job windows and steel sash;
- (54) 1 job steel doors, jams & trim;
- (55) 1800 l.f. drilling and grouting 1½-in. holes;
- (56) 1 job removal of concrete struts in draft tube No. 6;
- (57) 1 job removal of tile and plaster partition in west wall;
- (58) 1 job moving stairs and walkways from Pier 3 to Pier 7;
- (59) 1 lot removing wood walkway at El. +9.0;
- (60) 13,000 l.f. ¾-in. galv. conduit, with outlet boxes and fittings;
- (61) 1200 l.f. 1-inch do;
- (62) 15,800 l.f. 1½-in. do;
- (63) 9,000 l.f. 1½-in. do;
- (64) 1750 l.f. 2-in. do;
- (65) 450 l.f. 2½-in. do;
- (66) 2400 l.f. 3-in. do;
- (67) 2400 l.f. 4-in. transite "Korduct" or equal, with end bells and fittings;
- (68) 1000 l.f. ¾-in. everts or equal conduit, with fittings;
- (69) 450 l.f. 1-inch do;
- (70) 4500 lbs. elec. cabinets and special boxes, galv. sheet steel;
- (71) 1500 special boxes, galv. cast iron;
- (72) 270 lbs. cast brass boxes;
- (73) 300 lbs. copper grounding wire, bare;
- (74) 4 each generator cubicle terminal cabinets;

**13— PUBLIC BUILDINGS
FIRE HOUSES & JAILS**

- Bids Wanted—To Close Nov. 28, 3 P. M.**
- GLASS MAP** Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Glass Map—Pacific Bldg.; Contract No. 195.6.
Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Plans and specifications may be obtained from the above office, Rm. 222, upon deposit of \$20.00.
- Bids Wanted—To Close December 5, 3 P. M.**
- EXHIBIT BLDG.** Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Construction of New Zealand Bldg.; Contract No. 224.
Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Plans and specifications may be obtained after 2 P. M., Nov. 22, from the above office, Room 222, upon deposit of \$20.00.
- Bids Wanted—To Close Nov. 28, 3 P. M.**
- CONCESSION STANDS** Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Concession Stands; Contract No. 221.
Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Plans and specifications may be obtained from the above office, Rm. 222, upon deposit of \$20.00.
- Contract Awarded**
- EXHIBIT BLDG.** Cont. Pr., \$30,679
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
General construction of the Illinois Building; Contract No. 220.
tion Co., (L. W. Cutler, Pres.),

585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Oliver S. Almie, 1445 24th Ave., San Francisco.

Sub Contracts Awarded
COUNTY WELFARE BLDG.
Cont. Price \$28,568
FRESNO, Fresno County, Calif.
One-story brick Public Welfare Bldg. Owner—County of Fresno.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Contractor—T. C. & W. H. Irwin, 903 Mildred Ave., Fresno.
Masonry—Paul Kindler, 1646 Hedger Street.
Concrete—Madsen and Son, 247 Maple Ave.
Heating—Z. Z. Dowd, 4335 Illinois Ave.
Plumbing & Sheet Metal—Victor J. Cox, 2820 Tulare St.
Electric Work—Robinson Electric, 136 No. Van Ness Ave.
Millwork—Blackstone Planing Mill, 1780 McKinley Ave.
Struc. Steel, Reinf. Steel & Ornamental Iron—Kyle & Co., 346 G St.
Roofing—Paris-Osborne Co., Inc., 759 Blackstone Ave., Fresno.
Painting—M. W. Hancock, 2635 Tuolumne St.
Plastering—Wm. Smart, 3520 Illinois St.
Glass & Glazing—Valley Glass Co., 2220 Inyo St.
Lumber—Valley Lumber Co., P. O. Box 1341.
Steel Sash—Healey & Popovich, 1911 Merced St.
All of Fresno.

LOW BIDDER
LOS ANGELES, Calif.—A. V. Perkinson, 1149 N. Las Palmas Avenue, L. A., submitted low bid to the L. A. Board of Public Works, at \$65,989, for construction of a new fire station at 14415 S. Sylvan Ave., Van Nuys, a PWA project. Plans were prepared by the L. A. city const. dept. 13

BIDS OPENED
YERBA BUENA SHOALS—Abbott Electric Co., 126 Sears St., S. F., at \$6,512 submitted low bid to the Dept. of Public Works, at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., S. F., for electrical work for the Recreation Building on Yerba Buena Shoals.
Complete bids were:
Abbott Electric Co.\$6,512
Atlas Elec. & Engr. Co. 6,614
Crown Electric Co. 6,700
Spencer Electric Co. 6,712

BIDS OPENED
YERBA BUENA SHOALS—Scott Co., Inc., 243 Minna St., S. F., at \$4,588 submitte low bid to the Dept. of Public Works, at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., S. F., for plumbing, heating and ventilating work for the Recreation Building on Yerba Buena Shoals.
Complete bids were:
Scott Co., Inc.\$4,558
James A. Nelson, Inc. S.F. 4,668
James H. Pinkerton Co. 4,985
F. Sugarman 5,045
O'Mara & Stewart Ltd. 5,189

Low Bidder
EXCAVATION
OLYMPIA, Washington.
Excavation contract for State Office building, Capitol group, which will include grading and sewers for the State Capitol buildings.

Owner—State of Washington, State Capitol Committee, A. C. Martin, Secretary.
 Architect—Jos. H. Wohleb, Olympia.
 Low Bidder—H. J. Adler Constr. Co., Yakima, \$25,826. 13

Sub Contracts Awarded
FIREHOUSE Cont. Price, \$17,600
 CORNING, Tehama Co., Calif.
 Two-story concrete firehouse.
 Owner—City of Corning.
 Architects—Maaten & Hurd, 442 Post St., San Francisco.
 Contractor—Henry Flinnigan, 1714 16th St., Sacramento.
 Electric Wiring—Luppen & Hawley, Inc., 3126 J St., Sacramento.
Glass & Glazing & Millwork—Diamond Match Co., Chico.
Lumber—Corning Lumber Co., Corning.
Steel Sash—Soule Steel Co., 1750 Army St., S. F.
Metal Partitions—Dwan & Co., 126 Post St., S. F.
Plumbing—Roy Hartshorn, 1313 So. No St., Corning.
Reinforcing Iron—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.

BIDS OPENED

SAN LUIS OBISPO, San Luis Obispo Co., Calif.—Lee Mead Wrecking Co., 8226 Atlantic Blvd., Bell, at \$488 submitted low bid to the Board of Supervisors of the County of San Luis Obispo, for demolishing and removing the Old Court House Building, situated on the block bounded by Monterey, Osos, Palm and Santa Rosa Sts., in San Luis Obispo.
 Complete bids were:
 Lee Mead Wrecking Co., Bell, \$ 488
 Stern Brill Lumber and Wrecking Co., L. A. 1,934
 F. G. Nutting, L. A. 2,180
 Acme Lumber & Wrecking Company 2,250
 Los Angeles Wrecking Co., Los Angeles 2,994
 Cleveland Wrecking Co., S.F. 3,445
 John Fessler, Santa Maria 5,950
 • 13

Bids Wanted — To Close Nov. 28, 11 A. M.
ALTERATIONS & ADDITIONS
SAN JOSE, Santa Clara Co., Calif., Santa Clara County Hospital.
 Alterations and additions to the Physician's Residence.
 Owner—County of Santa Clara, Frank W. Hogan, Clerk.
 Architects—Binder & Curtis, 35 West San Carlos St., San Jose.

Plans and specifications may be obtained from the architects' office upon deposit of \$5.
 Bids must be accompanied by certified check of 10% of bid and will be opened by the Board of Supervisors.

Prospective Bidders
CITY HALL Cost, \$130,000
PORTERVILLE, Tulare Co., Calif.
 City Hall, Police Headquarters and Jail Building.
 Owner—City of Porterville, W. R. Means, City Clerk.
 Architect—Fred L. Swartz, Brix Bldg., Fresno.
 Bonds in the amount of \$47,000, together with PWA allotment of \$58,090 and funds on hand will finance construction.

Plans and specifications may be obtained from the architects' office upon deposit of \$10, returnable.
 As previously reported, bids will be received until Nov. 22, 5 P. M., and opened at 7:30 P. M., of that day in the City Clerk's office at the City Hall. Following have taken out plans W. J. Ochs, Helm Bldg., Fresno.
 Midstate Const. Co., Pacific South-

west Bldg., Fresno.
 L. H. Hansen & Sons, P. O. Box 519, Fresno.
 Fisher & McNulty, Mattel Building, Fresno.
 Trevitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.
 Richmond Construction Co., Box 52 Fresno.
 Harman & Co., 4540 Cutter Street, Los Angeles.
 R. W. Brown Const. Co., 118 South K St., Madera.
 Hodgson & Sons, 510 Second St., Porterville.

Grant Rejected
CITY HALL Cost, \$300,000
 RENO, Nevada.
 Construction of new city hall bldg.
 Owner—City of Reno.
 City Engineer—Charles L. Hill.
 PWA grant of \$139,000, together with funds on hand will finance construction.
 However, the city council has rejected the PWA grant of \$139,000 and abandoned plans for the city hall. (1002) 1st report Nov. 9, 1933. 13

Contract Awarded
EXHIBIT BLDG. Cont. Pr., \$76,380
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of French Pavilion.
 Owner—Committee for the Participation of the French Government at the Golden Gate International Exposition.
 Architects—George Besse and Paul Meyer-Levy.
 Associate Architects—Spencer, Blanchard & Mahler, 369 Pine Street, San Francisco.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.
 Fred J. Early, Jr. \$76,380
 O. Hedahl 80,362
 Dinwiddie Construction Co. 82,490
 Amount of high bid previously reported in error. 13

CONTRACT AWARDED
YERBA BUENA SHOALS.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$42,780 awarded contract by the Department of Public Works, Office of the California Commission or the Golden Gate International Exposition, 600 Market St., San Francisco, for general construction of the Recreation Building on Yerba Buena Shoals.

Contracts Awarded
STATE OFFICE BLDG. NO. 3
SACRAMENTO, Cal. M St. bet. 10th and 11th Streets.
 Erection and completion of 5-story and basement reinforced concrete and State Office Bldg. No. 3, covering a ground area of approx. 150 ft. by 315 ft., to contain its own heating and air conditioning system. Pile foundations, pile caps and rough concrete basement slab have been installed under separate contracts.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Sts., Sacramento

General Construction
 Campbell Construction Co., 800 R St., Sacramento, \$707,344.

Electrical Work
 Roy M. Butcher, 1020 Sherwood St., San Jose, \$83,371.

Plumbing
 M. R. Carpenter, 907 Front Street, Sacramento, \$45,417.

Heating and Air Conditioning
 M. R. Carpenter, 907 Front Street, Sacramento, \$133,146.

Elevators
 Westinghouse Electric Elevator Co., 1 Montgomery St., San Francisco \$78,150.

Preliminary Plans Completed
FIREHOUSE Cost, \$25,000
PORT BRAGG, Mendocino Co., Calif.
 One-story concrete firehouse.
 Owner—City of Fort Bragg.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Bonds were recently voted in the amount of \$15,000 to aid in financing.

Prospective Bidders
HALL OF JUSTICE
 Estimated Cost, \$296,100
BERKELEY, Alameda Co., Cal. Rear of present City Hall.

Three-story, reinforced concrete police administration bldg. to contain accommodations for the police department, courtroom, cell blocks, laboratory, police training school quarters, probation officials' offices, interview rooms, radio broadcast station, etc.
 Owner—City of Berkeley (City Manager, Hollis R. Thompson).
 Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

As previously reported, bids will be opened Nov. 23, 10 A. M., in the council chambers, City Hall, Berkeley.

Following have taken out plans:
 K. E. Parker Co., 135 South Park, San Francisco.

Jas. L. McLaughlin Co., 251 Kearny St., San Francisco.

Dinwiddie Const. Co., Inc., 210 Crocker Bldg., San Francisco.

C. L. Wild Const. Co., Ltd., 4412 Fulton St., San Francisco.

F. C. Stolte, 1405 San Antonio Ave. Alameda.

Fisher & McNulty, 510 Mattel Bldg., Fresno.

Barrett & Hilt, 918 Harrison St., San Francisco.

Sub Contracts Awarded
EXHIBIT BLDGS. Cont. Pr., \$62,384
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of the Latin-American Group; Contract No. 219.

Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

Mill Work—Pacific Mfg. Co., 545 Montgomery St.

Sheet Metal—Morrison & Company, 74-76 Duboce Ave.

Glass—San Francisco Glass Co., 5324 Mission St.

Plastering—A. Knowles, 982 Bryant Street.

Painting—D. Zelinsky & Sons Inc., 165 Grove St.

Electric Work—E. J. Lynch Electric Co., 2080 Sutter St.

Roofing—Malott & Peterson, 2412 Harrison St.

Plumbing—Wm. J. Forster Sons Ltd., 1162 Howard St.

All of San Francisco.

Prospective Bidders
ALTERATIONS & ADDITIONS
SAN JOSE, Santa Clara Co., Calif.
 Santa Clara County Hospital.

Alterations and additions to the Physician's Residence.
 Architects—Binder & Curtis, 35 West San Carlos St., San Jose.
 Plans and specifications may be obtained from the architects' office upon deposit of \$5.00.

As previously reported, bids will be received until Nov. 28, 11 A. M., and opened by the Board of Supervisors.
 Following have taken out plans:

Bert Ward and Son, 1139 Lincoln Ave., San Jose.
 Bridges Const. Co., 1398 Lincoln Ave., San Jose.
 Dan Caputo, 985 Delmas Ave., San Jose.
 J. C. Monk & Son, 45 Tait Ave., Los Gatos.
 Frank Nevis, 891 Harrison Street, Santa Clara.

BIDS WANTED

YERBA BUENA SHOALS.—Until Dec. 2, P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco and publicly opened and read in Room 415 of said building, for General construction of Federal Coast Guard Buildings on Yerba Buena Shoals. Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

CONTRACT AWARDED

SANTA MONICA. Los Angeles Co. Cal.—Campbell & Kelly, 253 S. Broadway, Los Angeles, awarded general contract by the City of Santa Monica, at \$169,940 (subject to PWA approval) for construction of a new city hall on Olympic Blvd. bet. 4th and Main Sts. Donald B. Parkinson, 434 Title Insurance Bldg., Los Angeles, and Joe M. Estep, 7073 Hollywood Blvd., Los Angeles, architects. 13

Additional Sub Contracts Awarded

YERBA BUENA SHOALS.—Bartlett & Hilt, 918 Harrison St., S. F., awarded the following additional sub contracts for construction of the Southern Counties Bldg.: San Joaquin Valley Bldg.; Alta California Bldg., and Mission Trails Walls on Yerba Buena Shoals:
 Misc. Iron—Fair Mfg. Co., 617 Bryant St.
 Flagpole—L. Bollander & Sons, 954 Bryant St.
 Patent Hardware—MacDonald Hardware Mfg. Co., 963 Harrison St.
 Plastering—James F. Smith, 271 Minna St.
 Sheet Metal—Metals Constr. Co., 683 Clementina St.
 Hardware—Palace Hardware Co., 581 Market St.
 Painting—R. P. Paoli & Co., 2530 Lombard St.

Sub Contracts Awarded

YERBA BUENA SHOALS.—Bartlett & Hilt, 918 Harrison St., S. F., awarded the following sub contracts for construction of the Finnish Work for California State Bldg., on Yerba Buena Shoals:
 Flooring—Lilly & Crowley, Inc., 123 Kansas St.
 Misc. Iron—Fair Mfg. Co., 617 Bryant St.
 Flag Poles—L. Bollander & Sons, 954 Bryant St.
 Celotex—Western Asbestos Co., 675 Townsend St.
 Plastering—James F. Smith, 271 Minna St.
 Painting—D. Zelinsky & Sons, Inc., 167 Grove St.
 Glass—Habenicht & Howlett, 529 Clay St.
 Tile Work—Superior Tile Co., 4939 Broadway, Oakland.
 Sheet Metal—Metals Constr. Co., 683 Clementina St.
 Mill—Pacific Mfg. Co., Santa Clara. All of San Francisco unless otherwise noted.

Bids Opened

ASSEMBLY BLDG.
ANDERSON, Shasta Co., Calif., 27th District, Agricultural Assn. Wood, frame assembly bldg. (75x125 ft.), covered on exterior with wood siding and corrugated iron. Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Bldg., 12th and N Sts., Sacramento.
 Low Bidder—W. C. Tait, Inc., 883 Market St., S. F., \$16,327.

General bids received with the following alternate deductions: (1) omit finish in mens' toilet rooms, (2) omit finish in dressing rooms, (3) reduce length bldg. one bay, (4) omit sanding assembly hall floor.

Complete bids follow:
 W. C. Tait, Inc., S. F., \$16,327, (1) \$1321, (2) \$540, (3) \$830, (4) \$180.
 Fred J. Early, Jr., S. F., \$16,464, (1) \$976, (2) \$295, (3) \$1050, (4) \$150.
 James M. Lemon, Anderson, \$17,212, (1) \$1714, (2) \$450, (3) \$900, (4) \$170.

Victor I. and W. B. Jacobson, Los Angeles, \$17,911, (1) \$1246, (2) \$400, (3) \$1545, (4) \$825.

R. J. Daum, Englewood, \$20,000, (1) \$1282, (2) \$550, (3) \$840, (4) \$75.

CONTRACT AWARDED

SAN FRANCISCO. San Francisco Elevator Co., Inc., 860 Folsom Street at \$186.50 awarded contract by the Department of Public Works, City Hall, for altering the cell automatic elevator at the county jail. • 13

Bid Opened

HEATING & VENTILATING
SANTA BARBARA, Santa Barbara Co., Calif.

Heating and ventilating work in the National Guard Armory, including installation of new boiler, fans and sheet metal work.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Only bidder—Ott Hardware Co., 727 State St., Santa Barbara, \$13,290.

Bids Opened

WRECK BLDGS.
SAN FRANCISCO, southwest cor. of Golden Gate Ave. and Polk Streets.

Wreck buildings designated as Nos. 501, 519, 521, 525, 535, and 543, situated on property owned by the State of Calif. and comprising the Easterly 181.6 ft. of the Western Addition Block No. 65, bounded by Golden Gate Ave., Polk St., Redwood St. and Van Ness Ave.

Owner—State of California. Architect—Geo. M. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low Bidder—Symon Bros., 1435 Market St., S. F., \$945.

Complete bids follow:
 Symon Bros., S. F. \$ 945
 Cleveland Wrecking Co., S. F. 1,762
 Pioneer Wrecking Co., S. F. 1,998
 West Constr. Co., S. F. 2,459
 To be erected on the site at a later date will be the new office bldg. for the State Unemployment Compensation Fund. Plans for the building at present are in only preliminary stages.

CONTRACT AWARDED

ALAMEDA CO., Calif.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at \$9,897 submitted low bid and was awarded contract by the Alameda County Board of Supervisors, Court-house, Oakland, for installation of a boiler at the Arroyo Sanitarium. Only other bid submitted by Carl

Alameda County.
 T. Doell Co., Oakland, at \$9,897.

BIDS OPENED

MODESTO. Stanislaus Co., Calif.—Modesto Electric Co., 1308 J Street, at \$7,133 for electrical work; General Air Conditioning Co., 1313 J St., Sacramento, at \$21,460, for heating and air conditioning; and California Metal & Pipe Co., 1302 Ninth St., Modesto, at \$9,507 for plumbing submitted the low bid to the Board of Supervisors of Stanislaus County, C. C. Eastin, Clerk, for heating and air conditioning, plumbing, and electrical work for construction of Unit No. 1 of Stanislaus County Court-house.

Plans by Architect Russell G de la Roche, Modesto.

Complete bids follow:
Electric Wiring

Modesto Electric Co., Modesto, \$7,133.
 Collins Electrical Co., Stockton, \$7,890.

Phillips Electric Co., Modesto, \$7,950.92.

Norman A. Russell, Santa Rosa, \$8,173.

Electric Constr. Co., Fresno, \$8,495.
 Palmer Electric Co., Modesto, \$8,957.

Eddy Electric & Mechanical Co., Stockton, \$9,209.

Heating and Air Conditioning
 General Air Conditioning Co., Sacramento, \$21,460.

D. R. Hoffman, Modesto, \$24,369.

California Metal & Pipe Co., Modesto, \$28,941.

Plumbing

California Metal & Pipe Co., Modesto, \$9,507.
 (1035) 1st rep. Nov. 7, 1938. • 13

Contract Awarded

EXHIBIT BLDG. Cost, \$5.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of frame pavilion exhibit building.

Owner—The Argentine Republic. Architect—Amando d'Ans. Consulting Architect—Wm. Wilson Wurster, 260 California St., San Francisco.

Contractor—P. J. Walker Co., 607 Sharon Bldg., San Francisco.

SUB CONTRACTS AWARDED

YERBA BUENA SHOALS.—Bartlett & Hilt, 918 Harrison St., San Francisco awarded following sub contracts for the interior construction work in a building on Treasure Island, Yerba Buena Shoals:
 Painting—R. P. Paoli & Co., 2530 Lombard St., S. F.
 Glass—W. P. Fuller & Co., 301 Mission St.
 Misc. Iron—Monarch Iron Works, 263 7th St.

14— RESIDENCE

Contract Awarded
RANCH HOUSE, Etc. Cost, \$65,000
SONOMA COUNTY, Calif. Sonoma Mountain.

Construction of residence and several guest houses, foreman's residence and stables on the former Felder ranch.

Owner—Berrien P. Anderson. Architect—Not Given.

Contractor—Carl Sullivan, 1121 Cleveland Ave., Santa Rosa. 14

Plans Being Figured—Bldgs Close Nov. 22, 10 A. M.

RESIDENCE
SAN FRANCISCO, SW Scott and Green Sts.

Three-story frame and stucco residence (12 rooms, 6 baths), hardwood floors, tile baths, copper

roof, gas fired hot air heating system, etc.
 Owner—James Parks Bradley, c/o Architect.
 Architect—Gardner A. Dalley, 210 Post St.
 Plans are being figured by the following selected list of contractors:
 Jacks & Irvine, 620 Market St.
 A. F. Mattock Co., 212 Clara St.
 Chas. Stockholm & Sons, 235 Montgomery St.
 James V. K. Dowsett, 2018 Russ Building.
 Moore & Madsen, 557 Market St.

Contract Awarded
RESIDENCE
 ATHERTON, San Mateo Co., Calif.
 Linden Wood.
 Two-story frame residence; hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.
 Contractor—Alfred Sunquist, Edgemoor Hill Road, Burlingame.

Contract Awarded
RESIDENCE Cost, \$9000
 BERKELEY, Alameda Co., Calif.
 Euclid Ave.
 One-story frame residence (7 rms), hardwood floors, linoleum baths, composition roof, gas fired hot air heating system, etc.
 Owner—Rube Hill Sammis.
 Architect—John E. Dinwiddie, 360 Pine St., S. F.
 Contractor—Albert A. Haskel, 255 Ridgeway Ave., Oakland.

Contract Awarded
RESIDENCE
 ORINDA, Alameda Co., Calif.
 One-story frame residence (4 bedrooms, 3 baths), hardwood flrs., white composition roof, wood sash, oil burning furnace, all plaster interior, electric heaters, etc.
 Owner—J. A. Herzog.
 Architect—F. L. Confer, Claremont Hotel, Berkeley.
 Contractor—H. P. Atkinson, Orinda.

Low Bidder
RESIDENCE
 SAN FRANCISCO, St. Francis Wood.
 Two-story frame residence (hardwood floors, tile baths, etc.).
 Owner—Westgate Park Company.
 Architect—Angus McSweeney, 604 Mission St.
 Low Bidder—J. Froot, 2530 Fillmore St., San Francisco.

Completing Working Drawings
RESIDENCE Cost, \$12,500
 SAN FRANCISCO, Marina District.
 Two-story frame and stucco residence.
 Owner—Withheld.
 Architect—Conrad T. Kett, 519 California St.
 Upon completion of plans, owner will take bids.

Preparing Working Drawings
BEACH TAVERN Cost, \$3000
 STINSON BEACH, Marin Co., Calif.
 One-story frame beach cottage.
 Owner—Withheld.
 Architect—Conrad T. Kett, 519 California St.
 Upon completion of plans bids will be received from selected local contractors.

15—SCHOOLS

Sub Contracts Awarded
SCHOOL BUILDING
 Cont. Price, \$46,142
 SALINAS, Monterey Co., Calif.
 Construction of Agricultural building

for high school.
 Owner—Salinas Union High School District.
 Architect—Charles E. Butler, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Contractor—Sam Trondhjem, 90 Teul St., Salinas.

Roofing—County Roof Service, 350 Market St.

Plumbing, Heating & Sheet Metal—Anderson-Dougherty-Hargis Co., 225 Main.

Electric Wiring—Salinas Electric Works, 236 Main St.

Glass—Thos. H. French, 131 Light-house Ave., Monterey.

Window Shades—Gill-Mann Co., 160 2nd St., San Francisco.

Hardwood Floors—E. G. Finn, 37 Willow St.

Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos St., San Jose.

Grading, Foundations & Concrete—W. A. Dontanville, Box 544.

Lumber—Tynan Lumber Co., 7 E. Gabilan St.

Mill Work—Salinas Planing Mill Co., 69 Market St.

Hardware—Whimster Hardware Co.
Painting—Felix J. Sagert, 27 W. San Luis St.

Lathing & Plastering—L. C. Jorgensen, 24 Orange Drive.

Linoleum—Panhandle Carpet & Linoleum Co., 773 Divisadero Street, San Francisco.

All of Salinas unless otherwise noted.

CONTRACT AWARDED
 LOS ANGELES, Cal.—Contracting Engineers Co., 2310 W. Vernon Ave., Los Angeles, awarded general contract by Los Angeles Board of Education at \$61,570 for a one-story reinforced concrete assembly hall to be built at the Louis Pasteur Junior High School, 5931 W 18th Street, a PWA project. Sumner P. Hunt, architect, 701 Laughlin Bldg. 15

Contract Awarded
GREENHOUSE, Etc.
 Cont. Price, \$5,473
 FRESNO, Fresno Co., Calif. Fresno State College.
 Construction of 1-story steel greenhouse and repairs to the existing swimming pool.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, 12th and N Streets, Sacramento.
 Contractor—Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno.

Contract Awarded
SCHOOL Cont. Price, \$30,541
 HOPLAND, Mendocino Co., Calif.
 One-story frame and stucco grammar school building to contain four classrooms, kitchen and offices.
 Owner—Hopland Un. Grammar Sch. District.
 Architect—John Easterly, Healdsburg and Santa Rosa.

Contractor—J. R. Armstrong, 834 E. 10th St., Oakland.

CONTRACT AWARDED
 LOS ANGELES, Cal.—Geo. Mitty, 122 S. Avenue 20, Los Angeles, awarded general contract by Los Angeles Board of Education at \$64,600 for the construction of a one-story classroom building at the Roscoe School, 8039 San Fernando Road, Roscoe, a PWA project. Geo. Lindsey, architect, 6305 Yuca St., Hollywood; E. L. Ellingwood, mechanical engineer; Holmes & Narver, structural engineer; Harry M. Gailey, electrical engineer. 15

Sub-Contracts Awarded
GYMNASIUM
 LAKEPORT, Lake County, Calif.
 One-story frame gymnasium at Clear Lake High School (composition roof, marble floors; no plumbing work).

Owner—Clear Lake Union High Sch. District (Sheldon Deacon, Clerk).

Architect—John Easterly, Santa Rosa and Healdsburg.

Contractor—A. O. Lightfoot, Upper Lake.

Roofing—Herman G. Runkel, 1212 5th St., Ukiah.

Plumbing, Electric, Heating, & Sheet Metal—Nofrey Plbg. & Elec. Corp., P. O. Box 217, Lakeport.

Glass and Mill Work—Hogan Lbr. Co., Hardwood Floors and Lumber—A. F. Stevens Lbr. Co., Lakeport.

Painting—Kelly & Dill, 80 Flower St., Willits.

Contracts Awarded
GYMNASIUM, ETC.
 SAN FRANCISCO, George Washington High School, Geary Blvd. & Balboa Street, and 30th and 32nd Avenues.

General construction, mechanical equipment and electrical work for construction of gymnasium and athletic field unit; gym 165x110 ft. of reinforced concrete and steel frame construction, folding door dividing girls' and boys' gyms; offices, showers, lockers, and locker rooms and two grandstands each 318 ft. long, seating 3000 each, and football field; two aluminum-surfaced play yards.
 Owner—City and County of San Francisco.

Architects—Miller and Pflueger, 580 Market Street.

General Construction
 Meyer Constr. Co., 735 Portola Dr., \$347,470.

Mechanical Equip. and Plbg.
 Herman Lawson Co., 465 Tehama St., \$65,303.

Electrical Work
 Delatour Electric Co., 735 Tehama St., \$14,855.

Sub-Contracts Awarded
SCHOOL ADDN. Cont. Pr., \$48,850
 DELANO, Kern Co., Calif.

Construction of wood frame and stucco classroom addition at the grammar school.

Owner—Delano Un. Grammar School District (E. J. Girard, Clerk).

Architect—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.

Contractor—L. H. Hansen & Sons, P. O. Box 519, Fresno.

Electric Work—Riders Electric Co., 509 W. Olive St., Porterville.

Plumbing and Heating—J. E. Pettijohn & Co., P. O. Box 141, Delano.

Mill Work—Madary's Planing Mill, P. O. Box 622, Fresno.

Asphalt Tile—C. E. McMullin, 1223 Broadway, Fresno.

Structural Steel & Ornamental Iron—Lee Miller, 2946 W. Pico St., Los Angeles.

Reinforcing Steel—Consolidated Steel Corp., Slason and Eastern Aves., Los Angeles.

Roofing and Insulation—Orvay McNay, 2300 Niles St., Bakersfield.

Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave., Fresno.

Lathing and Plastering—Thos. Thomson, 6035 Venice Blvd., L. A.

Glass—Valley Glass Co., 2220 Invo St., Fresno.

Materials—Hayward Lbr. Co., Delano

Blackboards—Spinner - Diest Corp., 6515 Avalon Blvd., Los Angeles.

Steel Sash, Lockers, Venetian Blinds—Healey & Popovich, 1911 Merced St., Fresno.

Hardware and Kalamein Doors—Bakersfield Sandstone Brick Co., 501

Sonora St., Bakersfield.
 Awnings—Pacific Tent & Awning Co.
 Fresno.

BIDS WANTED

FORT BRAGG, Mendocino Co., Cal.
 —Until Nov. 23, 8 P. M., bids will be received by the Fort Bragg Union High School District, Wm. G. Rowe, Clerk, for furnishing and installing of curtains for the Auditorium stage and in the Gymnasium at the Fort Bragg Union High School Bldg.

Plans and specifications may be obtained from the office of the Structural Engineer, F. W. Kellberg, 320 Market St., San Francisco, upon deposit of \$5, returnable.

Bids must be accompanied by certified or cashiers check or bid bond for 5% of bid and will be opened in the office of the Board of Trustees in the High School Building at Fort Bragg.

**Sub Contracts Awarded
 COMPLETE SHOP.**

Cont. Price, \$199,621
BERKELEY, Alameda Co., Cal. Bancroft Way and Grove Street.
 Completion of two-story reinforced concrete shop unit on the grounds of the Berkeley High School.
 Owner—Berkeley Unified School District, (Clara A. Andrews, Secy.), 2325 Milvia St., Berkeley.

Architects—Will G. Corlett & Henry H. Gutterson, 1801 Bank America Building, Oakland.

Contractors—H. J. Christensen Co. & W. E. Lyons Constr. Co., 1955 Webster St., Oakland.

Concrete—Transit Concrete Ltd., 2500 Peralta St., Oakland.

Tests—Abbott A. Hanks, Inc., 624 Sacramento St., S. F.

Reinforcing Steel—W. S. Wetenhall, Co., 7th and Wisconsin Streets, San Francisco.

Waste Molds—Fred Ferrero, 1715 Webster St., Alameda.

Roofing—Central Sheet Metal and Roofing Co., 3246 Eattie St., Oakland.

Hollow Metal—Forderer Cornice Works, 269 Potrero Ave., S. F.

Electric Wiring—T. L. Rosenberg Co., 411 Webster St., Oakland.

Plumbing, Heating & Sprinklers—Herman Lawson Co., 465 Tehama Street, S. F.

Lathing & Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Limeum—Superior Tile Co., 4939 Broadway, Oakland.

Misc. Iron—C. Frauneder, 335 8th St., Oakland.

Painting—Henry Patterson, 1919 Grove St., Berkeley.

Sheet Metal—Toby Christlansen, 4444 Piedmont Ave., Oakland.

Steel Sash—Ceco Steel Products Corporation, 1280 Indiana St., S. F.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Finish Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.

Mill Work—Jannom Bros. Mfg. Co., 5th and Magnolia St., Oakland.

Elevators—Otis Elevator Co., 1 Beach Street, S. F.

Bids opened
FIRTH SCHOOL
 W. ARTHUR, Shasta Co., Calif.
 Construction of a new high school building.

Owner—Fall River Joint Union High School Dist. (A. Frederick Bunge, Secretary).

Architect—Masten & Hurd, 442 Post St., San Francisco.

Low Bidder—Moore & Roberts, 693 Mission St., S. F., \$108,796.

General bids were received with the following alternate deductions: (1) omit ratproofing, (2) asphalt

shingle roof in lieu of tin, (3) omit chair trucks, (4) omit gymnasium painting, (5) omit shades, (6) omit limeum, (7) omit steel lockers, (8) cement floors in lieu of tile, (9) omit awning type windows, (10) omit finish work in girls shower, (11) omit finish work in boys shower.

Complete total bids and alternate deductions follow:

- More & Roberts, S. F., \$108,796,
- (1) \$800, (2) \$1565, (3) \$560, (4) \$110,
- (5) \$145, (6) \$350, (7) \$1450, (8) \$124,
- (9) \$1545, (10) \$1200, (11) \$1200.
- Empire Constr. Co., Ltd., S. F., \$108,860, (1) \$1150, (2) \$1963, (3) \$450,
- (4) \$200, (5) \$100, (6) \$475, (7) \$1450,
- (8) \$1373, (9) \$1280, (10) \$1280.

- P. Peterson, Sacto, \$109,975, (1) \$700, (2) \$1164, (3) \$135, (4) \$144, (5) \$149, (6) \$127, (7) \$1400, (8) \$172, (9) \$1350, (10) \$1147, (11) \$1147.

**Sub Contracts Awarded
 SCHOOL ADDN.** Cont. Price \$48,841
 DELANO, Fresno Co., Calif.

Construction of wood frame and stucco classroom addition at grammar school.

Owner—Delano Union Grammar Sch. Dist. (E. J. Girard, Clerk).

Architect—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.

Contractor—L. H. Hansen & Sons, P. O. Box 519, Fresno.

Electrical—Rider's Electric Shop, 509 W. Olive St., Porterville.

Plumbing—Pettijohn & Haddican, P. O. Box 141, Delano.

Excavating—Calowell Const Co., Bakersfield.

Mill Work—Madary's Planing Mill, P. O. Box 622.

Asphalt Tile Co., E. McMullin Co., 1225 Broadway, Fresno.

Struct. Steel and Ornamental Iron—Lee Milles, 2446 W. Pico Ave., Los Angeles.

Reinf. Steel—Consolidated Steel Corporation, Slauson and Eastern Avenues, L. A.

Roofing and Insulation—Orval McNav, 2300 Niles St., Bakersfield.

Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave., Fresno.

Lathing & Plastering—Thomas S. Thomsen, 6033 Venice Blvd., Los Angeles.

Glass & Glazing—Valley Glass Co., 2220 Inyo St., Fresno.

Materials—Hayward Lumber Co., Delano.

Blackboard—Spinner-Delst Corporation, 6518 Avalon Blvd., L. A.

Steel Sash, Steel Lockers, Venetian Blinds—Healey & Popovich, 1911 Merced St., Fresno.

Hardware & Kalamein Doors—Bakersfield Sandstone Brick Co., 501 Sonora St., Bakersfield.

Awnings—Pacific Tent and Awning Co., Fresno.

CONTRACT AWARDED

LOS ANGELES, Calif.—Earle Huggens, 745 E. California St., Pasadena awarded contract by Citrus High School District, at \$29,735 for construction of a 1-story shop bldg. at the Citrus high school, near Glendora. Plans prepared by John C. Austin, architect, 609 Chamber of Commerce Bldg., L. A. 15

Bids Opened
GYMNASIUM, ETC.
 SAN FRANCISCO. George Washington High School, Geary Blvd. and Balboa Street, and 30th and 32nd Avenues.

General construction, mechanical equipment and electrical work for construction of gymnasium and athletic field unit; gym 165x110 ft. of reinforced concrete and steel frame construction, folding door dividing girls' and boys' gyms; offices, showers, lockers,

and locker rooms and two grandstands each 318 ft. long, seating 3000 each, and football field; two bituminous-surfaced play yards.

Owner—City and County of San Francisco.

Architects—Miller and Pflueger, 580 Market Street.

Low Bidder—Meyer Const. Co., 735 Portola Drive, \$347,470.

Bids were taken as follows:
General Construction

Proposal 1: All work in gym, athletic field, football field and all yard work.

Proposal 2: Gym and all yard work; Proposal 3: Athletic field and all yard work and football field;

Alternate 1: Deduct if east grandstand and entrances from 30th Ave. are omitted;

Alternate 2: Deduct if play yards Nos. 1 and 2 are omitted, but ground graded to levels.

Mechanical Equipment and Plumbing Work

Proposal 1: All work in gym, athletic field, football field and yard work;

Proposal 2: The gym and all work in yard;

Proposal 3: Athletic field and all work in yards and football field;

Alternate 1: Deduct if work in east grandstand and entrances from 30th Ave. is omitted;

Alternate 2: Deduct if all work in play yards Nos. 1 and 2 is omitted;

Alternate 3: Deduct if all work in planting areas is omitted.

Electrical Work

Proposal 1: All work in gym and athletic field and appurtenances

Proposal 2: All work in gym;

Proposal 3: All work in athletic field and appurtenances;

Alternate 1: Deduct if east grandstand is omitted and all electrical work is omitted.

Complete bids follow:
General Construction

Meyer Construction Co., San Francisco: (1) \$347,470; (2) \$221,000; (3) \$126,370; Alt. (1) \$46,000; (2) \$4,641.

K. E. Barker Co., San Francisco: (1) \$375,400; (2) \$234,230; (3) \$142,090; Alt. (1) \$54,000; (2) \$.....

Anderson & Ringrose, San Francisco: (1) \$379,508; (2) \$235,508; (3) \$145,627; Alt. (1) \$46,526; (2) \$5,700.

Mechanical Equip. and Plbg.
 Herman Lawson Co., 465 Tehama St., San Francisco: (1) \$65,303; (2) \$49,683; (3) \$17,653; Alt. (1) \$4,720; (2) \$300; (3) \$700.

James A. Nelson Co., San Francisco: (1) \$66,466; (2) \$49,780; (3) \$17,928; Alt. (1) \$4,300; (2) \$665; (3) \$525

Electrical
 Delator Electric Co., 735 Tehama St., San Francisco: (1) \$14,855; (2) \$12,455; (3) \$2,430; Alt. (1) \$1,238.

Crown Electric Co., (1) \$16,819; (2) \$13,818; (3) \$2,964; Alt. (1) \$1,605.

Chas. A. Langlais, (1) \$16,768; (2) \$13,823; (3) \$2,945; Alt. (1) \$1,437.

Spencer Electric Co., (1) \$17,360; (2) \$13,958; (3) \$3,402; Alt. (1) \$2,149.

G. H. Armstrong, (1) \$17,994; (2) \$14,434; (3) \$4,333; Alt. (1) \$1,000.

Abbett Electric Co., (1) \$19,300; (2) \$16,231; (3) \$3,069; Alt. 1, \$1,716.

(924) 1st rep. Oct. 27, 1938. 15

CONTRACT AWARDED

LOS ANGELES, Calif.—Pinkerton & Jameson, 118 E. 6th St., Corona, awarded contract by Coachella Valley Union High School District, at \$32,600 for construction of first unit of new high school bldg. at Van Buren St. and Avenue 56, Coachella Valley. Chas. E. Parke, 1 Fuller Bldg., San Bernardino, is the architect. 15

CONTRACT AWARDED

LANCASTER, L. A. Co., Calif.—Pinkerson & Jameson, 118 6th St., Corona, awarded contract by Antelope Valley Joint Union High Sch. District, at \$45,500, for construction of a physical education building. Scott Quintin, architect, Edison Bldg., Alhambra. 15

Low Bidders**HIGH SCHOOL ADDITION**

EDMONDS, Washington. Additions to high school consisting of gym, auditorium, shop, and cafeteria.

Owner—Edmonds School District 15, Snohomish, Wash., E. A. Lichtenstein, Clerk.

Architect—Wm. Maills, Lyon Bldg., Seattle.

Low Bidder—M. L. Erickson, 5008 Admiral Way, \$195,557.

Plumbing and Heating—C. F. Mas-sart, 4401 Wallingford, \$39,633;

Electric—NePace McKenny Co., 804 6th Ave., S. F., \$18,583. 15

Low Bidder**HIGH SCHOOL**

McMinnville, Oregon.

New high school building, remodeling existing senior and junior high school, and remodel heating plant in auditorium and gym.

Owner—School District 40, Yamhill County, Gilbert Tilbury, Chair-man.

Architect—Ertz and Burns, 222 Pit-tock Block, Portland.

Low Bidder—Malarkey & Kallander, McKay Bldg., Portland, \$131,500. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 25, 2 P. M., bids will be received by the L. A. Board of Education for construction of assembly hall at the Florence Nighthale Junior High School, 3311 N. Figueroa St. John C. Austin, architect, 608 Chamber of Commerce Bldg. 15

BIDS WANTED

ALHAMBRA, L. A. Co., Calif.—Until Dec. 12, 8 P. M., bids will be received by the Alhambra Board of Education for construction of the administration bldg. at the Mark Kennel high school, N.E. cor. Hell-man Ave. and Almansor St., Alham-bra, a PWA project. Plans and spec. may be obtained from Geo. L. Yel-land, secretary of the board, 601 N. Garfield Ave., Alhambra, upon de-posit of \$25. Marston & Maybury, 25 S. Euclid Ave., Pasadena. 15

CONTRACT AWARDED

LOS ANGELES, Calif.—Jones Bros, 9430 Santa Monica Blvd., Beverly Hills, awarded contract by L. A. Board of Education, at \$102,900, for construction of a classroom bldg. and a 2-unit shop bldg. at the Bret Harte Junior High School, 9301 S. Hoover St., a PWA project. Walter E. Erkes, architect, 1211 Rives-Strong Bldg. 15

Bids Wanted—To Close Nov. 25.

SCHOOL BLDGS. Cost, \$201,245

SONORA, Tuolumne Co., Calif.

Two-story auditorium bldg. seating about 750, with music room, stage orchestra, etc., and two-story re-inforced concrete classroom bldg. containing classrooms, science room and study hall.

Owner—Sonora Union High School District (J. E. Baer, Clerk).

Architect—E. G. Ernst, 561 E. Hard-ine Way, Stockton.

Bonds voted in the amount of \$110-000 together with PWA grant of \$91-245 will finance construction.

Plans and specifications obtainable from the architect's office upon de-posit of \$20.00.

Bids will be opened in the library at the high school.

Prospective Bidders
SCHOOL BLDG. Cost, \$60,000

SACRAMENTO, Sacto. Co., Calif. NW side of McKinley Blvd., at San Miguel Way.

Construction of additior to Theodore Judah Elementary School to con-tain administrative office, kind-ergarten room and assembly additior.

Owner—Sacramento City Unified School District, C. S. Hughes, Secy

Architect—Chas. F. Dean, 1407 Cal-lifornia State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction.

Plans and specifications obtain-able from the architect's office upon deposit of \$25.

As previously reported, bids will be received until Nov. 21, 8 P. M. and opened in the Administration Bldg., 21st and L Sts., Sacto.

Following have taken out plans:
Lawrence Constr. Co., 2574 18th St., Sacto.

M. R. Peterson, 1116 O St., Sacto. Otto Steinbrenner, 2657 Land Park Drive, Sacto.

H. W. Robertson, 3004 F Street, Sacto.

Indgren & Swinerton, Inc., 619 "H" Street, Sacramento.

Chas. F. Unger, 2426 7th Avenue, Sacto.

Contract Awarded
GYMNASIUM Cont. Pr. \$86,854

LONGVIEW, Washington.

Concrete, gymnasium building.

Owner—Board of Education School District 122, Coviluz Co. (Ruth E. Russell, Clerk).

Architect—N. Torbitt, Lloyd Building Seattle, and Ray V. Weatherby, Henry Bldg., Longview.

Contractor—H. H. Conway, Tacoma, Wash.

Contract awarded second low bid-der, as low bid was irrigular.

CONTRACT AWARDED
OAKDALE, Stanislaus Co., Calif.—

Fred Medart Mfg. Co., 126 Post St., San Francisco, at \$1,186 awarded con-tract by the Oakdale Union High School Board of Trustees for gym-nasium seats at the Oakdale Union High School. 15

Prospective Bidders
SCHOOL BLDG. Cost, \$55,000

ROSEVILLE, Placer Co., Calif.

One-story frame and stucco shop building to contain wood work shop, auto mechanic shop and machine shop and five class-rooms.

Owner—Roseville Union High School Board, W. W. Zell, Clerk.

Architect—E. G. Ernst, 651 East Harding Way, Stockton.

PWA grant of \$26,000 will aid in financing.

Plans and specifications may be obtained from the architect's office upon deposit of \$20, returnable.

As previously reported, bids will be received until Nov. 18, 7:30 P.M., and opened at 8 P. M., of that day, in the principal's office of the Rose-ville Union High School.

Following have taken out plans:
H. H. Henning, 1751 Berkeley Ave, Stockton.

Holdener Constr. Co., 2608 R St., Sacto.

Emmre Constr. Co. Ltd., Russ Bldg, San Francisco.

Lawrence Constr. Co., 2574 18th St., Sacto.

LOW BIDDER

LOS ANGELES, Calif.—Wm. T. Loesch, 119 E. Union Ave., Pasa-den, submitted low bids to the Ar-cadia City School District at \$39,490 (Unit 1) and at \$48,020 (Unit 2), for an auditorium bldg. and a class-room bldg. to be built at the Holly Ave. School, Duarte Road and Holly Ave., Arcadia, a PWA project. Paul Kingsbury, architect, 803 W. Third St., Los Angeles. 15

CONTRACT AWARDED

LOS ANGELES, Calif.—E. C. Nes-ser, 4822 W. Jefferson Blvd., award-ed contract by L. A. Board of Edu-cation at \$50,823, for new class-room bldg. to be built at the Susan Miller Dorsey high school, Exposit-ion Blvd. and Farmdale Ave., a PWA project. H. L. Gogerty, archi-tect, 6272 Yuessa St.; C. E. Noeren-berg, structural engineer; O. W. Ott, plumbing and heating engineer; C. T. Gibbs, electrical engineer. 15

CONTRACT AWARDED

LOS ANGELES, Calif.—Wm. J. Shirley, 1724 S. Vernon Ave, award-ed general contract by L. A. Board of Education at \$235,472, for re-modeling the present main bldg. and construction of new bldgs. at the Kern Ave. jr. high school, 4775 E. 4th St., a PWA project.

Plans prepared by architectural section of the board; A. S. Nibecker, Jr., architect.

Prospective Bidders
EQUIPMENT & FURNISHINGS

SALINAS, Monterey Co., Calif.

Furnishing and installing manual training, domestic science, and cafeteria equipment and furni-ture for the Washington School.

Owner—Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Win-ham St., Salinas.

Plans and specifications obtainable from the architect's office upon de-posit of \$15, returnable.

As previously reported, bids will be opened Nov. 21, 8:30 P. M., in the office of the Board of Education, Sa-linas National Bank Bldg., Salinas.

Following have taken out plans:
Albert Staton, 144 Pine St., Sa-linas.

P. T. Wallstrum, 854 Main Street, Watsonville.

F. C. Stoitte Co., 203 Pine Street, Pacific Grove.

(897) 1st report Nov. 8, 1938. 15

CONTRACT AWARDED
LOS ANGELES, Calif.—Theo. A.

Beyer Corp., 533 Chamber of Com-merce Bldg., L. A. awarded contract by L. A. Board of Education at \$53-, 700, for new junior high school plant to be built in North Holly-wood, a PWA project. Plans pre-pared by Architect John C. Austin, 608 Chamber of Commerce Bldg.; G. H. Schulte, structural engineer;

Ralph E. Phillips, mechanical en-gineer; C. A. Sanborn, electrical en-gineer. Plans by architectural sec-tion of board; A. S. Nibecker, Jr., architect. 15

CONTRACTS AWARDED
FORT BRAGG, Mendocino Co., Cal.

Following contracts approved by the P.W.A. for furnishings and equip-ment at the Fort Bragg Union High School; Structural Engineer, F. W. Kellberg, 320 Market St., S. F.

Opera Chairs

Gill-Mann Co., 160 2nd Street, San Francisco, \$4,934.80.

Stage Equipment

Gill-Mann Co., S. F., \$1,621.29.

Auditorium Drapes

Gill-Mann Co., S. F., \$1,417.

Steel Lockers

Lyons Metal Products Inc., 582 Market St., S. F., \$2,927.94.

Gym Bleachers

Fred E. Turner, 557 Market Street, San Francisco, \$1,848.85.

Furniture

Rucker Fuller Co., 539 Market St., San Francisco, \$1,918.
(820) 1st rep. Oct. 6; 2nd, Oct. 25, 1938. * 15

Plans Completed

SCHOOL ADDN. Cost, \$80,000
MONTEREY COUNTY, Calif., near Salinas; Alisal Elementary Sch. One-story frame and stucco addition to contain three classrooms and auditorium.
Owner—Alisal Un. Elementary Sch. District.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Bonds recently voted together with PWA grant will finance construction. (91) 1st rep. June 10; 7th, Sept. 19, 1938. * 15

Plans Completed

SCHOOL. Est. Cost, \$210,000
VISALIA, Tulare Co., Calif.
Concrete, frame, and stucco school building to contain 10 classrooms, library, art room, domestic science room, kitchen, cafeteria, music room, general science room, and gymnasium.
Owner—Visalia Elementary Sch. District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans will be forwarded shortly to the State Division of Architecture for approval.
(58) 1st report June 14, 1938. * 15

Preparing Working Drawings

ADDITION Cost, \$.....
SALINAS, Monterey Co., Calif.
One-story addition to the Sherwood School to contain three classrooms and toilet rooms.
Owner—Salinas City School District.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco. 15
(1030)

BIDS WANTED

SAN FRANCISCO.—Until Nov. 30, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, for general construction, including mechanical equipment and plumbing work, and electric work for construction of kindergarten buildings at Visitation Valley School, Delta and Schwerin Sts.; est. cost, \$21,000.
Plans and specifications obtainable from City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$25. * 15

Bids Opened

GYMNASIUM
OAKLAND, Alameda Co., Calif. 47th Ave. and Foothill Blvd.
Construction of a gymnasium building at Fremont High School.
Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland, (School Administration Bldg.).
Low Bidder—Carl N. Swenson Co., 355 Stockton Ave., San Jose, \$188,732.
Recommendation made that contract be awarded the low bidder.
Complete bids follow:
Carl N. Swenson Co., San Jose\$188,733
Central California Constr. Co. 196,643
John F. Tulloch, Oakland 196,900

F. C. Stolte Co., Oakland 199,000
E. T. Letter Sons, Oakland 209,637

Preparing Working Drawings

SCIENCE BLDG. Cost, \$.....
SALINAS, Monterey Co., Calif.
One-story science building addition to the Salinas High School.
Owner—Salinas Union High Sch. District (R. D. Case, Clerk).
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco. 15
(1029)

Prospective Bidders.

SCHOOL Cost, \$.....
SALINAS, Monterey Co., Calif.
Construction of Unit No. 2, Junior College.

Owner—Salinas Union High School District (R. D. Case, Clerk).
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications obtainable from the architect's office upon deposit of \$25, returnable.
As previously reported, bids will be opened November 21, 7:30 P. M., in the office of the Board of Trustees, Salinas National Bank Bldg., Salinas.

The following have taken out plans
P. T. Wallstrum, 854 Main Street, Watsonville.
F. C. Stolte Co., 203 Pine Street, Pacific Grove.
Albert Staton, 144 Pine St., Salinas.
Sam Trondhjem, 50 Geil St., Salinas.
15
(998) 1st report Nov. 8, 1938.

Bids Opened

SCHOOL
MILLBRAE, San Mateo Co., Calif.
Construction of a reinforced concrete elementary school building, including landscaping, etc.
Owner—Millbrae Elementary School District (E. J. Patterson, Clerk).
Architects—Masten & Hurd, 442 Post St., San Francisco.
Low Bidder—Moore & Roberts, 693 Mission St., San Francisco, \$173,364.
Total bids follow:
Moore & Roberts\$179,364
Monson Bros., San Francisco 183,343
Miller Const. Co., S. F. 183,849
De Luca & Son, Inc., S. F. 186,448
Jas. L. McLaughlin Co., S. F. 189,195
G. W. Williams Co., Burlingame 192,500
P. F. Reilly, San Francisco 194,800
Carl N. Swenson Co., San Jose 198,883
Bids taken under advisement.
(316) 1st report Aug. 3; 4th, Nov. 3, 1938. 15

Bids Wanted — To Close Dec. 5,

11 A. M.
GYM & SHOP Cost, \$45,000
CALISTOGA, Napa Co., Calif.
Gymnasium and shop building.
Owner—Calistoga Joint Union High School.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Bonds voted recently in the amount of \$25,000 together with PWA grant will finance construction.
Plans and specifications will be available after Nov. 18 from the architects office upon deposit of \$15.
(486) 1st rep. July 21; 3rd, Oct. 11, 1938. * 15

Award Recommended

SCHOOL
SAN MATEO, San Mateo Co., Calif.
Baywood, SW cor. Park Blvd. and Notre Dame Ave.
One-story frame and stucco grammar school building.
Owner—San Mateo School Dist. (A. A. Gugel, Clerk).

Architects—W. H. Toepke, 74 New Montgomery St., Thomas M. Edwards, 9 Geary St., and H. A. Scharly, 605 Market Street, San Francisco.

Low Bidder—Nielsen & Erbenraut, 201 S. Market St., San Jose, \$65,975.

Award to low bidder recommended, subject to PWA approval. Total bids were as follows:

Nielsen & Erbenraut \$65,975
H. H. Larsen Co., S. F. 67,223
Monson Bros., S. F. 68,327
G. W. Williams Co., Burlingame 70,289
Wm. Martin, S. F. 71,670
C. C. W. & H. H. Haun, S. F., 71,970
(571) 1st rep. Sept. 2; 3rd Oct. 31, 1938. * 15

CONTRACT AWARDED

ARCADIA, L. A. County, Calif.—Wm. T. Loesch, 119 E. Union Avenue, Pasadena, awarded contract by the Arcadia City School District, at \$39,490 (Unit 1) and at \$48,020 (Unit 2), subject to approval of the PWA, for an auditorium bldg. and a classroom bldg. to be built at the Holly Ave. school, Duarte Road and Holly Ave., Arcadia, a PWA project. Paul Kingsbury, architect, 803 W. Third Street, Los Angeles. 15

LOW BIDDER

LOS ANGELES, Calif.—J. & B. Construction Co., 5572 Valley Blvd., A. submitted low general bid to L. A. Board of Education, at \$77,811, for a one-story auditorium bldg. to be built at the Samuel Gompers jr. high school, 234 E. 112th St., a PWA project. Myron Hunt and H. C. Chambers, architects, 408 S. Spring St.; C. Denel, structural engineer; E. L. Ellingwood, mechanical engineer; Vern O. Knudsen, acoustical engineer. 15

SCHOOL

SAN MATEO, San Mateo Co., Calif.
Baywood, SW cor. Park Blvd. and Notre Dame Ave.
One-story frame and stucco grammar school building.
Owner—San Mateo School Dist. (A. A. Gugel, Clerk).
Architects—W. H. Toepke, 74 New Montgomery St., Thomas M. Edwards, 9 Geary St., and H. A. Scharly, 605 Market Street, San Francisco.
Low Bidder—Nielsen & Erbenraut, 201 S. Market St., San Jose, \$65,975.

General bids were received with the following alternate deductions: (1) omit linoleum, (2) omit public address equipment, (3) omit hot water lines, (4) 3/4-in. sheet lath in lieu of ingot iron lath, (5) omit fire boxes, electric horn, fire control panel, rectifier and storage batteries.

Total bids follow:
(A) Nielsen & Erbenraut, San Jose, \$65,975.
(B) H. H. Larsen Co., S. F., \$67,223.
(C) Monson Bros., S. F., \$68,327.
(D) G. W. Williams Co., Burlingame, \$70,289.
(E) Wm. Martin, S. F., \$71,670.
(F) C. C. W. & H. H. Haun, S. F., \$71,970.

(A)	(B)	(C)	(D)	(E)	(F)
\$744	\$650	1500	\$450	\$967	\$540
600	580	550	575	575	570
600	575	500	375	700	560
600	825	825	800	847	640
450	425	390	400	400	400

Recommendation made to PWA that contract be awarded the low bidder.

LOW BIDDER

TUCSON, Ariz.—Herbert Brown, Box 70, Tucson, submitted the low general bid to School District No. 1,

Pima County, Ariz., at \$57,878, for construction of a junior high school bldg. in Tucson. Henry O. Jaastad, architect, 103 Miltenberg St., Tucson. 15

Prospective Bidders

SCHOOL. Cost, \$203,600
OAKDALE, Stanislaus Co., Cal. West of Laurel Ave. bet. Magnolia and Poplar Streets.

Construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.

Owner—Oakdale Elementary School District (J. J. Berry, Supt).
Architects—Frank V. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

General contract will include heating, plumbing and electrical work, but not furniture and fixtures.

As previously reported, plans and specifications obtainable from architects' office upon deposit of \$25.00.

As previously reported, bids will be opened Nov. 23, 11 A.M., in the office of the present Oakdale Grammar School.

Following have taken out plans:
Fred J. Early, Jr., 369 Pine Street, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F.
L. Uebel, Box 181, Ripon.

Avados Constr. Co., 920 O Street, Sacramento.

George Roek, 831 N. Pacific St., Stockton.

John Meyers, 3821 E. Market St., Stockton.

H. E. Henning, 1751 Berkeley St., Stockton.

C. Elves Totten, 46 S. San Joaquin St., Stockton.

John Hachman, 2532 E. Main St., Stockton.

Richmond Constr. Co., P. O. Box 52, Fresno.

Trewhitt-Shields & Fisher, 1501 Pacific S.W. Bldg., Fresno.

Tornell Co., 427 F St., Tracy.

16—BANKS, STORES AND OFFICES

Preparing Working Drawings

STORE BLDG.

OAKLAND, Alameda Co., Calif. San Pablo Ave.
One-story concrete Class C store bldg., (47x105 ft.).

Owner—Withheld.
Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Contract Awarded
STORE BLDG. Cost, \$10,000
OAKLAND, Alameda Co., Calif.

One-story store bldg.
Owner—Withheld.
Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Contractor—Calif. Builders Co., 364 14th St., Oakland.

(8'9" 1st rep. Oct. 10, 1938. * 16

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—
Jos. Gannon, 1620 18th St., Bakersfield, awarded contract for con-

struction of a 2-story reinf. concrete commercial bldg. on 18th St., between "I" and "J" Sts., Bakersfield, for Sill Properties; cost \$40,000. Sub-bids are being taken by A. C. Sanders, c/o of Mr. Gannon. 16

19—MISC. CONSTRUCTION

BIDS OPENED

WASHINGTON, D. C.—The following submitted bids to the U. S. Maritime Commission, Washington, D. C., for construction of a single screw combination passenger and car, o vessel.

Bids taken on:

(I) Class A, fixed prices:

- (a) one vessel;
- (b) two vessels, each;
- (c) three vessels, each;
- (d) four vessels, each;
- (e) five vessels, each;
- (f) six vessels, each.

(II) Class B, adjusted price:

- (a) one vessel;
- (b) two vessels, each;
- (c) three vessels, each;
- (d) four vessels, each;
- (e) five vessels, each;
- (f) six vessels, each.

(III) time.

Bids were:

Sun Shipbuilding & Dry Dock Co., Chester, Pa.: (I) (turbine propulsion) (a) \$3,264,300; (b) \$3,189,300; (c) \$3,164,300; (d) \$3,151,800; (diesel engine) (a) \$3,529,100; (b) \$3,454,100; (c) \$3,429,100; (d) \$3,416,600; (II) (turbine propulsion) (a) \$3,051,300; (b) \$2,976,300; (c) \$2,951,300; (d) \$2,938,800 (diesel) (a) \$3,312,300; (b) \$3,187,300; (c) \$3,212,300; (d) \$3,199,800; (III) one vessel 600 days, two 660 days, three 720 days, four 780 days.

Newport News Shipbuilding & Dry Dock Co., Newport News, Va., (I) (turbine propulsion) (a) \$3,675,000; (b) \$3,440,000; (c) \$3,300,000; (d) \$3,205,000; (II) (turbine propulsion) (a) \$3,340,000; (b) \$3,125,000; (c) \$3,000,000; (d) \$2,915,000; (III) one vessel 540 days, two 600 days, three 660 days, four 720 days, five 780 days, six 840 days.

Federal Shipbuilding & Dry Dock Co., Kearny, N. J., (I) (turbine propulsion) (a) \$3,721,000; (b) \$3,415,900; (c) \$3,285,000; (d) \$3,203,000; (II) (turbine propulsion) (a) \$3,478,000; (b) \$3,192,000; (c) \$3,069,000; (d) \$2,993,000; (III) one vessel 480 days; two 540 days; three 600 days; four 660 days.

Ingalls Iron Co., Birmingham, Ala., (I) (turbine propulsion) (a) \$3,371,500 (diesel) (d) \$3,554,000; (II) (turbine propulsion) (d) \$3,190,460; (diesel) (d) \$3,350,000.

Bethlehem Shipbuilding Co., Quincy Mass., or Sparrow Point, Md., (I) (turbine propulsion) (a) \$4,212,000; (b) \$3,972,000; (d) \$3,810,000; (c) \$3,671,000; (f) \$5,627,000; (diesel) (a) \$4,492,000; (b) \$4,254,000; (c) \$4,082,000; (d) \$3,958,000; (e) \$3,933,000; (f) \$3,882,000; (II) (turbine) \$3,829,000; (b) \$3,611,000; (c) \$3,464,000; (d) \$3,357,000; (e) \$3,337,000; (f) \$3,297,000; (diesel) (a) \$4,084,000; (b) \$3,867,000; (c) \$3,771,000; (d) \$3,598,000; (e) \$3,575,000; (f) \$3,535,000; (III) one vessel 540 days, two 600 days, three 660 days, four 720 days, five 780 days, six 840 days.

Moore Dry Dock Co., Oakland (I) (turbine propulsion) (a) \$4,096,890; (b) \$3,998,769.60; (III) one vessel 480 days; two 540 days.

Pennsylvania Shipyard, Inc., Beaumont, Texas, (I) (turbine propulsion) (a) \$3,930,000; (II) (turbine propulsion) (a) \$3,617,000; (III) 480 days. 19

LOW BIDDER

LOS ANGELES, Calif.—Bennett & Taylor, 598 San Fernando Road, at

\$22,850, submitted low bid to L. A. Board of Public Works, for construction of remodeling work at the Manchester Ave. sewage pumping plant, PWA Project 1625-F, A. C. 66012. 19

BIDS OPENED

PORTLAND, Ore.—The following submitted bids to the U. S. Engineer Office, District Engineer, 628 Pittcock Bldg., Portland, under Bid No. 698-39-146, for constructing and delivering a float at Government Moorings, No. 8010 NW St. Helens Road, Portland, one single screw Diesel- or steam-driven wood hull dredge tender.

Bids were:

Seattle Shipbuilding and Dry Dock Corp., Seattle, \$115,400 (diesel installation).

Lake Union Drydock & Machine Works, Seattle, \$121,509 (diesel); \$131-944 (steam installation).

Winslow Marine Railway & Shipbuilding Co., Seattle, \$123,720 (diesel).

Commercial Iron Works, Portland, \$117,897 (diesel); \$142,997 (steam).
Lake Washington Shipyard, Houghton, \$123,550 (diesel). 19

Planned

DRILL TOWER

PAI O ALTO, Santa Clara Co., Cal. Temporary Drill Tower, 50 ft. high, attached to westerly side of the Mayfield fire station.

Owner—City of Palo Alto.
Architect—Not given.

Plans for tower are now before the City Engineer and Board of Works for consideration.

BIDS WANTED

SISKIYOU, SHASTA, MODOC & JASPER COUNTIES, Calif.—Until Nov. 22, 2:00 P. M. bids will be received by the State Division of Highways, F. W. Hazelwood, District Engineer, District II, Redding, for erecting 12 radio poles each 100 feet long, at maintenance stations located at Mt. Shasta, Redding, Alturas and Suanville.

Plans and specifications may be obtained from the above office. 19

BIDS WANTED

SAN FRANCISCO.—Until Nov. 21, 2:00 P. M. bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-147, for drydocking, painting and repairing the U. S. Seagoing Hopper Dredge "A. Mackenzie."

Plans and specifications may be obtained from the above office. 19

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—D. E. Manning, 118 Virginia Ave., San Francisco, at \$1213, submitted low bid to the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. CP 1084-SC-39-5, for the complete installation of two antennas at the Sacramento Air Depot.

Underground Const. Co., Oakland, at \$1289 submitted only other bid. 19

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—Underground Const. Co., 354 Hobart St., Oakland, at \$990 submitted low bid to the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. SP 1084-SC-39-4, for installing a radio ground system at the Sacramento Air Depot.
D. E. Manning, San Francisco, at \$1143 submitted only other bid.

LOW BIDDER

LOS ANGELES, Calif.—Bethlehem Steel Co., Webster and Tynan Sts., Alameda, at \$1,814,493 submitted low bid to the Los Angeles Water and Power Purchasing Agent, under Spec. No. 2712, for furnishing and delivering single circuit galv. steel transmission line towers for the "third circuit line" between Los Angeles and Boulder. * 19

COMPLETE BIDS

LOS ANGELES, Calif.—Bethlehem Steel Corp., at \$1,814,493, submitted the low bid to the L. A. Water and Power Purchasing Agent, D. P. Nicklin, for furnishing and delivering single circuit, galv. steel transmission line towers, Spec. 2712, for the "third circuit" between L. A. and Boulder power plant. The bids were: Bethlehem Steel Corp.—I, \$73,402; II, \$638,386; III, \$674,846; I alt., II alt., and III alt., no bids; combined, I, II and III, \$1,814,493.

Blaw-Knox Co., Pittsburgh, Pa.—I, II and III, no bids; I alt., \$690,917.66; II alt., \$668,678.23; III alt., \$691,037.64; combined, I alt., II alt. and III alt., \$1,911,973.37.

Emsco Derrick & Equip. Co., L. A., I only, \$594,621.31.

Columbia Steel Co., San Francisco—I, \$612,186, II, \$662,931; III, \$681,501; I alt., II alt. and III alt., no bids; combined bid, \$1,920,779. * 19

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

RICHVALE, Butte Co., Calif.—Victor Equipment Co., Los Angeles, at \$6771.96, awarded contract by the Richvale Irrigation District, Alvin Harry, Secretary, Scale House, Richvale, for the construction and replacement of certain pumps of the Richvale Irrigation District, Butte County, Calif.

Total bids follow:
Victor Equip. Co., L. A.,\$6771.96
United Iron Works, Oakland, 6363.00
Sterling Pump Corp., Stock., 6804.82
Fairbanks Morse & Co., S.F., 6987.50
Butte Pump and Motor
Works, Chico (plus tax)..... 6596.85
The Pomona Water Lab. Co.,
Pomona 7909.42

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Kyle and Co., West's Lane, Sacramento, at \$1636.71 submitted low bid and was awarded contract by the Modesto High School District, E. D. Abbott, Secretary, for the fabrication and delivery of reinforcing steel to the Modesto High School boys' gymnasium addition on the site of the Modesto High School.
Soule Steel Co., at \$1914.77 submitted only other bid. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Bethlehem Steel Co., at \$15,924.70 was awarded contract by U. S. Engineer, Los Angeles, for 341,000 lbs. fabricated steel and other metal work for superstructure for Southern Pacific railroad bridge over Verdugo Wash; Invt. 178. * 20

BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until Nov. 25, 8:00 P. M. (opened at 8:00 P. M.), bids will be received by the North Sacramento School District, E. A. Shoemaker, Clerk, 1731 Del Paso Blvd., North Sacramento, for furnishing materials for the construction of a school bldg.

Plans and specifications available from above office. * 20

CONTRACT AWARDED

FORT MASON, Cal.—W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco, submitted low bid and was awarded contract by the Constructing Quartermaster, Ft. Mason, under Bid No. QM-W-6616-39-33 for 38,680 lbs. of reinforcement bars; fob Presidio of San Francisco.

Bids taken on:

- (1) 27,000 lbs. ½-inch round;
- (2) 8,000 lbs. ¾-inch round;
- (3) 1,800 lbs. ¾-inch round;
- (4) 1,200 lbs. 1-inch round;
- (5) 680 lbs. 1-inch square.

Bids were:

W. S. Wetenhall Co., (1) \$2.45; (2) \$2.25; (3) \$2.25; (4) \$2.25; (5) \$2.25; ½ of 1% 30 days.

Bethlehem Steel Co., (1) \$2.70; (2) \$2.50; (3) \$2.50; (4) \$2.50; (5) \$2.50; ½ of 1% 10 days.

A. M. Castle & Co., (1) \$0.2675; (2) \$0.2475; (3) \$0.2475; (4) \$0.2475 (5) \$0.2475; ½ of 1% 30 days.

W. C. Hauck Co., (1) \$0.287; (2) \$2.67; (3) \$0.267; (4) \$2.67; ½ of 1% 10 days.

Soule Steel Co., (1) \$0.29323; (2) \$2.6323; (3) \$0.28323; (4) \$2.8323; (5) \$0.28323; net.

Gunn, Carle & Co., (1) \$2.8323; (2) \$2.6323; (3) \$2.8323; (4) \$2.8323; (5) \$2.8323; ½ of 1% 10 days.

Geo. F. Borrmann Steel Co., (1) \$2.825; (2) \$2.625; (3) \$2.625; (4) \$2.625; (5) \$2.625; ½ of 1% 30 days.

Columbia Steel Co., (1) \$2.55; (2) \$2.35; (3) \$2.35; (4) \$2.35; (5) \$2.35; net.

Ceco Steel Products, (1) \$2.48; (2) \$2.28; (3) \$2.28; (4) \$2.28; (5) \$2.28; net. * 20

BIDS REJECTED

FT. MASON, Cal.—The Constructing Quartermaster, Fort Mason, rejected all bids under Bid No. QM-W-6616-39-40, for furnishing concrete pipe and pipe fittings; fob Presidio of San Francisco. Bids were opened Nov. 10. * 20

CONTRACT AWARDED

FORT MASON, Calif.—Consumers Rock and Cement Co., 375 Berry St., San Francisco, at (1) \$2.00; and (2) \$2.00; disc. 15c per c.y. 30 days, submitted low bid and was awarded contract by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-39, for (1) 390 c.y. crushed rock or gravel and (2) 200 c.y. concrete sand; fob Presidio of S. F.

Total bids follow:

Consumer's Rock and Cement Co. (1) \$2; (2) \$2; 15c per c.y. 30 days.
John Cassaretto Co., (1) \$2; (2) \$2; 3% 30 days.

Golden Gate Atlas Materials Co., (1) \$2.08; (2) \$2.08; 2% 30 days.
S. F. Materials Co., (1) \$2.40; (2) \$2.40; 2% 30 days.

Bode Gravel Co., (1) \$2.40; (2) \$2.19 2% 30 days.

G. Mazzera Co., (1) \$1.95; (2) \$1.95; 2% 30 days.

Readymix Concrete Co., (1) \$2.50; (2) \$2.40; 2% 30 days.
Henry Cowell Lime & Cement Co., (1) \$2.20; (2) \$2.20; 2% 30 days.

Henry Springer, (1) \$2; (2) \$2.75; 4% 40 days. * 20

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 1, 10:00 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., L. A., for furnishing galv. welded steel mesh for gunite reinforcement in accordance with Spec. No. 294, copies of which may be obtained upon payment of \$1.00 per set. Certified or cashier's check for 10% must accompany each proposal. The sizes of mesh upon which prices are solicited and the approx.

quantities to be bid upon, subject to optional increases or decreases up to 20%, are as follows:

- (1) 4x4-in., 6x6 ga., 1,350,000 sq. ft.
- (2) 2x4-in., 12x12 ga., 920,000 sq. ft. * 20

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 23, 10:00 A. M., bids will be received by U. S. Indian Irrigation Service, Colorado River Project, Room 340, 8th & Figueroa Bldg., L. A., for 1,470,320 lbs. reinf. steel in 40-ft lengths, Invt. 498. The items are: (1) 475,200 lbs. 1-in. round; (2) 945,120 lbs. 1½-in. square.

F.O.B. bidder's shipping point and/or Parker, Ariz. * 20

CONTRACTS AWARDED

SAN FRANCISCO—M. Greenberg's Sons and Mueller Co., S. F., were awarded contracts by T. A. Brooks, under Bid No. 2103, for underground bronze fittings for the S. F. Water Dept. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Hunbard & Co., 1250 45th St., Oakland, at \$1273.62 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1095, for furnishing approx. 1450 flanged steel clamp plates and 1425 steel wing plates. * 20

BIDS OPENED

SAN DIEGO, Calif.—Fluor Corp., Ltd., 909 E. 59th St., L. A., submitted low bid to Bureau of Yards and Docks, Public Works Office, San Diego, at \$129,860, for furnishing materials and installation of a 400,000-gal. diesel oil tank and appurtenant piping, foam generating bldg., foam generating equip. and piping within the bldg., pumping plant bldg., oil pumping and oil heating equip. and piping within the bldg., and piping for oil between pumping plant and oil tanks and between pumping plant and outlets on existing fuel pier at Naval Operating Base (Fuel Depot), San Diego; Spec. 8961.

Complete bids for work complete follow:

Fluor Corp., Ltd. \$129,860
V. R. Dennis Constr. Co. 129,900
Associated Piping and Eng. Co. 130,250
Parkhill-Wade Co. 133,870
C. C. Moore Co. 135,558
Bechtel, McCone — Parsons, Los Angeles 139,450
Bennett & Taylor 155,565
R. E. Campbell 158,724

BIDS OPENED

KENDRICK PROJECT—Bids for (1) 871,200 lf. hollow drawn bare copper conductor having minimum copper cross sectional area of 133,100 CM; (2) 165 conductors, suitable for item No. 1; (3) 871,200 lf. No. 4/10 steel-reinf. bare aluminum stranded conductor; (4) 255 aluminum compression joints suitable for item No. 3; (5) 1530 only tapered armor-rod assemblies complete with two V-bolt type clips per assembly for item No. 3; f.o.b. bidder's shipping point and/or Greeley, Colo. Invt. A-22,462-A, opened by Bureau of Reclamation Purchasing agent, were:

SCHEDULE 1
Anaconda Cable Corp., \$67,503.61.
Phoenix Dodge Copper Products Corp., \$73,336.56.
General Cable Corp., \$78,463.17.
SCHEDULE 2
Aluminum Cable Corp., \$44,472.48. * 20

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-39-140, for furnishing six hopper gate castings for U. S. Dredge A. Mackenzie; f.o.b. U. S. Engineer Storehouse, Presidio of San Francisco.

Bids were:
General Metals Corp., \$1,584, 1/2 % 10 days.
Enterprise Foundry Co., \$1,590, 1/2 % 10 days.
Columbia Steel Co., \$1,800, 1/2 % 10 days. 20

BIDS OPENED

SAN FRANCISCO—Basalt Rock Co. Inc., 900 Eighth Street, Napa, at \$145.34, net, submitted low bid to the U. S. Engineer Office, District Engineer, 401 Custom House, under Bid No. 868-39-144, for 3400 sq. ft. structural tile; f.o.b. Fort Cronkhite, Marin Co.

Port Costa Brick Works, at \$204, net, submitted only other bid. 20

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-39-137, for 2000 lin. ft. Douglas Fir lumber; f.o.b. Fort Cronkhite, Marin Co.

Bids were:
Loop Lumber Co., \$51.86, 2 % 30 days, f.o.b. Fort Cronkhite.
Henry Hess Co., San Rafael, \$40.02, 2 % 30 days, f.o.b. Weed.
Long Bell Lumber Co., S. F., \$40, f.o.b. Weed. 20

BIDS WANTED

CENTRAL VALLEY PROJ., Calif.
—Until Dec. 7, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1147-D, for furnishing and delivering telephone apparatus for use at the Government camp at the Frant Dam, Central Valley Project, Calif. F.o.b. shipping point and/or Frant, Calif. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.25 not returnable. 20

BIDS WANTED

YAKIMA PROJECT, Wash.—Until December 5, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1148-D, for furnishing and delivering one set of liners for the lower cylinder gate openings in the outlet works at the Cle Elum Dam, Yakima Project, Wash.; fob shipping point and/or Roslyn, Wash. Materials will be installed by the Government.

No charge for copies of specifications to prospective bidders; to others, \$0.50, not returnable, obtainable at above office. 20

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Dec. 6, 5:00 P. M., bids will be received by the Eureka City Council, J. C. Barkdull, City Clerk, City Hall, Eureka, for furnishing 367 more or less, 20 ampere, 600 candle power gas filled incandescent street lamps; and 117 more or less, 15 ampere, 400 candle power, gas filled incandescent street lamps or ornamental bracket type; and 145, more or less, 15 ampere, 400 candle powered gas filled incandescent street lamps of single globe electrolier type; for a period of one year beginning Jan. 1,

1939.

Plans and specifications may be obtained from the above office. 20

CONTRACT AWARDED

SACRAMENTO, Cal.—United States Pipe and Foundry Co., Monadnock Bldg., San Francisco, at (1) 48c, (2) 73c submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing (1) 500 lin. ft. 4-inch, and (2) 1000 lin. ft. 6-inch bell and spigot cast iron pipe for the Sacramento City Water Department.

American Cast Iron Pipe Co., at (1) \$0.485, (2) \$0.74 submitted only other bid. 20

BIDS OPENED

OAKLAND, Cal.—Taper Tube Pole Co., Monadnock Bldg., San Francisco, at \$19,917.93 submitted only bid to the Oakland City Council, W. W. Chapman, City Clerk, City Hall, for furnishing 124 light standards and luminaires for the City of Oakland. 20

CONTRACT AWARDED

CENTRAL VALLEY PROJ., Calif.
—A. C. LoPrest Co., 560 Seventh St., S. F., at \$1794, disc. 1 % 10 days submitted low bid and was awarded contract by the U. S. Bureau of Reclamation, W. W. Tuttle, Purchasing Agent, 208 Old Post Office Building, Sacramento, under Bid No. F-1743-A, for furnishing (Sch. 1) 12 water level records, ink or pencil record, unlimited in range; (Sch. 2) 3 water level records, aluminum base, f.o.b. Friant, Calif.

Leopold-Valpel & Co., Portland, at \$1794, net, submitted only other bid. 20

CONTRACT AWARDED

SAN FRANCISCO—United Pipe & Supply Co., 729 Brannan Street, San Francisco, at \$2,755, 2 %-30 days, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, S. F., for galvanized wrought steel pipe for the San Francisco Water Department, under Bid No. 2106. 20

November 17, 1938

CONTRACT AWARDED

BOULDER CANYON PROJECT.
—Illinois Steel Bridge Co., Jacksonville, Ill., at \$1619 awarded a contract by the U. S. Bureau of Reclamation, for furnishing structural steel for a warehouse bldg. at the Imperial Dam, All-American canal system, Boulder Canyon project; Spec. 1117-D. Erection will be handled by Ethel government. 20

November 17, 1938

BIDS WANTED

SAN JOSE, Santa Clara Co., Calif.—Until Dec. 13, 5 P. M., bids will be received by the Board of Education, Walter L. Bachrodt, Secy., San Jose, for Instructional Shop Supplies and Electrical Supplies for the school year 1939-40.

Specifications are on file in the office of the City Superintendent of Schools. 20

November 17, 1938

CONTRACT AWARDED

SAN FRANCISCO—Coast Equipment Co., 1160 Folsom St., San Francisco, at \$1,132.80, 2 %-30 days, submitted low bid and was awarded contract by U. S. Engineer Office, District Engineer, Lt. Col. J. A. Dorst, 401 Custom House, San Francisco, under Bid No. 868-39-145, for 960 ft. wire rope, f.o.b. Honolulu, T. H.

Total bids follow:

Coast Equipment Co., S. F., \$1,132.80, 2 %-30 days.

Harron-Rickard & McConce Co., \$1,257.60, 2 %-30 days.

Gilmore Steel & Supply Co., \$1,263.36, 2 %-30 days.

Haviside Co., \$1,262.06, 2 %-30 days.

John A. Roebing's Sons Co., \$1,263.36, 2 %-30 days.

Wickwire Spencer Steel Co., \$1,264.32, 2 %-30 days.

A. Leschen & Sons Rope Co., \$1,264.32, 2 %-30 days.

Macwhyte Co., \$1,264.32, 2 %-30 da.

Hazard Wire Rope Division, American Chain & Cable Co., \$1,264.32, 2 %-30 days. 20

CONTRACT AWARDED

FORT MASON, Calif.—Ajax Foundry Co., 525 Phelps St., San Francisco, at (1) \$12.00 each; (2) \$12.80 each, 2 % 10 days, submitted low bid and was awarded contract by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. QM-W-6616-39-35, for furnishing (1) 9 catchbasin frames and covers; and (2) 16 manhole frames and covers; f.o.b. Presidio of San Francisco.

Total bids follow:
Ajax Foundry Co., S. F., (1) \$12 each; (2) \$12.80 each, 2 % 10 days.

United Iron Works, (1) \$14, (2) \$14, net.

Enterprise Foundry Corp., (1) \$14, (2) \$14, net.

M. Greenberg's Sons, (2) \$14, net.

Spuck Iron and Foundry Co., St. Louis, Mo., (1) \$14, (2) \$15, net.

Crane Co., (1) \$14.70, (2) \$14.70, net.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

81GN, electric, \$50; 548 Columbus Ave.; owner, Dine Hardware Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$43; 1434 Jones St.; owner, Arthur Kental, prem.

ALTER warehouse, \$30; 2700 16th St.; owner, James H. Hjul, 128 Russ St.; contractor, Ideal Ventilating and Sheet Metal Works, 128 Russ St.

BILLBOARD, \$7; SW 25th and California; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUE, \$25; 1937 Taylor St.; owner, Mr. Figone, prem.; contractor, A. Chiarpotti, 1816 Mason St.

BILLBOARD, \$13; SE Balboa and 25th; owner, Foster & Kleiser Co., 1675 Eddy St.



The
"BUILDER-WAY"
is the
"MODERN-WAY"
to
Buy and Sell
EQUIPMENT
★
For further information consult:

Daily Pacific Builder
465 TENTH ST. | OR | MARKET 7110
Stark-Rath Publ. Co.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

COCHISE COUNTY, Ariz.—Until Nov. 16, 10:00 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for reconstructing the floor of the three span bridge over the San Pedro River at Benson, on the Benson-Steins Pass Highway, Non F. A., A. F. E. 8611, and is to be completed on or before Dec. 31, 1938.

Work involves:

- (1) 2116 lbs. bolts, nuts and washers;
- (2) 2017 lbs. struc. steel;
- (3) 63 M. B. M. untreated timber;
- (4) 787 sq. yds. plant mix, 1½-inch in thickness.

Plans and specifications may be obtained from the Arizona Highway Department, Howard S. Reed, State Highway Engineer, 17th Ave. and Jackson St., Phoenix. * 21

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until Nov. 23, 10:30 A. M., bids will be received by Riverside County Supervisors for construction of the Pedley bridge on the Santa Ana River on the Arlington-Pedley Road, a PWA project. The items are:

- (1) 253 c.y. removing and disposing of existing conc. masonry;
- (2) 9000 c.y. roadway excav. without class;
- (3) 1170 c.y. struc. excav.;
- (4) 120 c.y. class A conc. in footing blocks;
- (5) 570 c.y. class A conc. below top of piers;
- (6) 1155 c.y. class A conc. above top of piers;
- (7) 297,880 lbs. reinf. steel;
- (8) 5.2 MFBM redwood timber, select, albert str. grade;
- (9) 3660 l.f. furnish D. F. piles;
- (10) 122 each drive D. F. piles;
- (11) 2000 tons heavy riprap rock;
- (12) misc. items, expansion felt, expansion joint plates, PWA office, asbestos graphite sheets, assistants giving lines and grades, PWA signs, other misc. iron and steel.

Certified or cashier's check or bid bond, 5% must accompany bid. Plans and specifications are available from clerk of board of supervisors, Court House, Riverside, upon deposit of \$15. returnable.

Est. cost is \$75,505, of which \$33,977 is a PWA grant. * 21

AWARD RECOMMENDED

ALPINE COUNTY, Cal.—Johnston Rock Co., Inc., Weber Ave. and "E" Street, Stockton, at \$82,049.50 recommended for award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal

Office Bldg., Civic Center, San Francisco, for grading and constructing a bridge on 3.329 miles of Section B of Route 87, the Clark Fork National Forest Highway, Stanislaus National Forest, Alpine County. ** 21

BIDS WANTED

TUCSON, Pima County, Ariz.—Until Nov. 25, 2 P. M., bids will be received by the Pima county supervisors, Tucson, Ariz., for the construction of a steel girder deck bridge on the Sabino Canyon Road at the Rillito Creek Crossing. Plans, spec. and instructions to bidders may be obtained at the office of the County Engineer, Court House, Tucson, upon deposit of \$5, returnable to contractors submitting regular proposals and returning plans in good condition. Certified check for 5% must accompany each proposal. Gladstone MacKenzie, Clerk of the Board. 21

BIDS WANTED

MERCED COUNTY, Calif.—Until Nov. 21, 11:00 A. M., bids will be received by the Merced County Board of Supervisors, P. J. Thornton, County Clerk, Court House, Merced, for construction, as follows:

- (1) Bridge No. 287—timber pile bridge over Canal on the Woods Road;
- (2) Bridge No. 288—reinf. concrete pipe culvert in Canal on road along the East line of Sec. 22.
- (3) Bridge No. 289—timber pile bridge over S. J. & K. R. Canal and Irrigation Co's canal on South Los Banos Road;
- (4) Bridge No. 290—timber pile bridge over S. J. & K. R. canal and irrigation co's canal on Welch Road.

Plans and specifications may be obtained from the above office and from the office of W. E. Bedesen, County Surveyor, upon the deposit of \$10.00 returnable. * 21

CONTRACT AWARDED

SAN DIEGO CO., Calif.—E. G. Carroll, 4396 Maryland St., San Diego, at \$40,120 awarded contract by the State Division of Highways, Sacramento, for construction of a reinforced concrete slab bridge across San Luis Rey River about two miles south of Rincon, consisting of eighteen 25-ft. spans and two 8-ft. 4-in. spans on cast in place concrete pile bents, San Diego County. * 21

LOW BIDDER

COCHISE COUNTY, Ariz.—Tanner Construction Company, Phoenix, Arizona, at \$5,989.00 submitted low bid to the Arizona State Highway Commission, Phoenix, for reconstructing

the floor of the three span bridge over the San Pedro River at Benson, on the Benson-Steins Pass Highway, Non F. A. A. F. E. 8611, and is to be completed on or before Dec. 31, 1938. * 21

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until December 8, 2 P. M., bids will be received by the State Division of Highway, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge consisting of two 24-ft. 0-in. spans, two 22-ft. 0-in. and two 6-ft. 0-in. cantilever spans on cast in place concrete piles and approximately .30 mile of approaches to be graded and .06 mile of Portland cement concrete pavement about two miles east of Ontario across Cucamonga Wash (VIII-SBD-26-D), San Bernardino County, Work involves:

- (1) 220 c.y. remove and dispose of existing rdwy. and shoulder surfacing;
- (2) 200 c.y. remove and dispose of existing concrete;
- (3) 62 M. gals. water;
- (4) 5,100 c.y. rdwy. excav., unclass.;
- (5) 500 c.y. struc. excav.;
- (6) 2,200 c.y. imported borrow;
- (7) 900 sq. yds. subgrade for pave.;
- (8) 1 sta. finish rdwy.;
- (9) 372 tons min. agg. plant mix surfacing;
- (10) 18 tons liquid asph. SC-X4 plant mix surf.;
- (11) 250 c.y. salvage detour surf.;
- (12) 182 c.y. Class A Portland cement conc. pave.;
- (13) 333 each pavement dowels;
- (14) 17,000 lbs. bar reinf. steel;
- (15) 310 c.y. Class A Portland cement conc. struc.;
- (16) 9 c.y. Class A Portland cement conc. railing;
- (17) 828 l.f. furnish cast in place concrete piles;
- (18) 36 each drive steel shells for cast in place concrete piles;
- (19) 30 c.y. broken concrete riprap;
- (20) 22,000 sq. ft. galv. woven wire fence bank protection;
- (21) 310 tons asph. conc. bank protection;
- (22) 140 l.f. 12-in. wrought steel pipe;
- (23) 174 l.f. 48-in. CMP;
- (24) 174 l.f. remove and salvage 48-in. culvert pipe;
- (25) 4 each monuments;
- (26) 35 l.f. timber guard rail;
- (27) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

MADERA COUNTY, Calif.—Until Nov. 21, 10:00 A. M. bids will be received by the Madera County Board of Supervisors, L. W. Cooper, County Clerk, Court House, Madera, for the purchase of not less than 12,000 cu. yds. and to be taken from the bed of the San Joaquin River near the Town of Firebaugh and dumped on the portion of the Firebaugh road lying between Section 23, Township 12 South, Range 14, East, etc., Madera County.

Plans and specifications may be obtained from above office. 22

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

COMPLETE BIDS

REDONDO BEACH, Los Angeles Co., Calif.—Rohi-Connelly Co., 4351 Valley Blvd., Los Angeles, at \$355,900 (Sched. A) and at \$614,300 (Sch. B) submitted the low bid to the city council for the construction of a breakwater and appurtenances at Redondo Beach in accordance with plans and specifications prepared by the engineers, Koebig & Koebig, 821 Rowan Bldg., Los Angeles. This is a PWA project, Northern Calif. 1295-F. Bonds in the sum of \$300,000 were voted Sept. 27 by a vote of more than 6 to 1, and a PWA grant in the sum of \$245,452 has been approved.

The present contract involves the construction of a breakwater approx. 2800 ft. in length, commencing at the foot of 10th St., extending 760 ft. in a southwesterly direction; this section to be either rock construction or double sheet steel piling with sand fill, the rock construction beginning at this point, the breakwater continuing in the same direction 155 ft. farther, from which point it curves to the south and continues a distance of 1873 ft., of which about 578 ft. is parallel to the shore line. Future construction contemplates a 2,400-ft. extension. The end of the present construction is in water approximately 30 ft. in depth.

SCHEDULE "A"

- (1) 156,000 tons (2000 lbs.) furnishing and placing Class A stone;
- (2) 73,000 c.y. solid stone (exclusive of voids), furnishing and placing Class B stone.

SCHEDULE "B"

- (1) 139,000 tons (2000 lbs.) furnishing and placing Class A stone;
- (2) 68,000 c.y. solid stone (exclusive of voids), furnishing and placing Class B stone.
- (3) 740 l.f. furnishing and placing steel piling breakwater as Cross Section CC of plans.

The details of the two bids were: Rohi-Connelly Co.: Sch. A (1) \$230 extension, \$355,900; (2) \$270, extension, \$197,400, total, \$555,900; Sch. B (1) \$230, \$319,700; (2) \$270, \$183,600; (3) \$150, \$111,000; total, \$614,300.

United Concrete Pipe Corp.: Sch. A (1) \$285, \$444,600; (2) \$370, \$270,100; total, \$714,700; Sch. B, (1) \$285, \$396,150; (2) \$370, \$251,600; (3) \$140, \$103,600; total, \$751,350.

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Calif.—R. A. Farish, 50 Hawthorne Street, San Francisco, at \$2,438 submitted low bid and was awarded contract by the Richmond City Council, City Clerk, City Hall, for filling for a roadway and railroad in the City of Richmond.

Work involves:

- (1) 4,370 c.y. fill;
- (2) 200 c.y. riprap from borrow pit;
- (3) 200 tons riprap from quarry.

Total bids follow:

- R. A. Farish, San Francisco, (1) \$0.40, (2) \$0.45, (3) \$2, total, \$2,438.
 Healy Tibbitts Const. Co., S. — (1) \$0.45, (2) \$0.75, (3) \$2.25, total \$2791.50. 22

BIDS WANTED

SAN DIEGO, Cal.—Until Dec. 9, 12 M. bids will be received by the U. S. Engineer, 751 S. Figueroa Street, Los Angeles, for dredging 4,514,000 cubic yards of materials in San Diego Harbor; Invt. 182. The work is located adjacent to and north of existing turning basin and main bay channel in north part of San Diego Bay and consists of furnishing all plant, labor and materials for dredging to a depth of 35 ft. below mean lower low water in an area 1200 ft.

wide by 3600 ft. long, and depositing the dredged material in the area about 240 acres in extent situated east and south of the U. S. Marine Corps Base.

Funds available for payment to contractor amount to \$460,000. 22

LOW BIDDER

REDONDO BEACH, Los Angeles Co., Calif.—Rohi-Connelly Co., 4351 Valley Blvd., Los Angeles, at Sched. A, \$555,900; Schedule B, \$614,300 submitted low bid to the Redondo Beach City Council for the construction of a breakwater and appurtenances at Redondo Beach. 22

23— CANALS

BIDS WANTED

SHOSHONE PROJ., Wyo.—Until December 20, 10 A. M. bids will be received by the U. S. Bureau of Reclamation, Cody, Wyo., under Spec. No. 814, for the construction of the Shoshone River siphon and the Buck Springs Creek siphon, Heart Mountain, canal, Heart Mountain division, Shoshone Project, Wyo.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$3 per copy, not returnable. 23

BIDS WANTED

YAKIMA PROJECT, Wash.—Until Dec. 8, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 813, for the construction of earthwork, tunnels, canal lining, and structures, station 1641 plus 15 to station 1952 plus 00, Yakima Ridge canal, Roza division, Yakima Project, Wash.

Estimated quantities follow:

- (1) 826,250 c.y. of all classes of excavation for canal;
- (2) 16,800 c.y. of excav. for core banks;
- (3) 201,000 station c.y. of overhaul;
- (4) 9,200 c.v. of all classes of excavation for struc.;
- (5) 810 c.v. of all classes of excavation for drainage channels and dikes;
- (6) 15,780 c.y. of excav. in tunnels;
- (7) 315 c.v. of all classes of excav. for tunnel outlet drains;
- (8) 18,740 c.y. of compacting embankment;
- (9) 2,300 square yards of preparation of rock foundations for concrete lining;
- (10) 59,200 sq. yd. of trimming earth foundations for conc. lining;
- (11) 7,700 c.y. of earth lining of canal;
- (12) 600 c.v. of gravel blanket on inside of canal embankment;
- (13) 15,850 c.y. of backfill;
- (14) 250 c.v. of gravel fill about tunnel outlet drains;
- (15) 3,595 c.v. of concrete in struc.;
- (16) 6,313 c.y. of conc. in canal lining;
- (17) 3,650 c.y. of conc. in tunnel lining;
- (18) 400 c.f. of pressure grouting;
- (19) 795 sq. yd. of dry-rock paving;
- (20) Placing 1,142,000 lbs. of reinf. bars;
- (21) Furnishing and installing 160,000 lbs. of permanent steel tunnel supports;
- (22) Furnishing and erecting 56 M. ft. h.m. of permanent timbering in tunnels;
- (23) Furnishing and installing 72,500 lbs. of steel tunnel-liner plates;
- (24) Drilling 200 l.f. of grout holes;
- (25) Constructing 625 l.f. of 6-inch diameter tunnel drains;
- (26) Constructing 11,025 l.f. of 6-inch

diameter underdrains with uncemented joints;

- (27) Laying 1,800 l.f. of 6-inch diameter sewer pipe with cemented joints;
- (28) Laying 500 l.f. of 6-inch diam. sewer pipe with uncemented joints;
- (29) Laying 1,166 l.f. of 12-inch to 30-inch diameter concrete pipe;
- (30) Installing 4,610 lbs. of gales and blow-off pipe and connections.

This invitations for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor, and those furnished by the Government are described in the specifications which will be a part of the contract.

Plans and specifications may be obtained from the above office and from the Bureau of Reclamation at Denver, Colo., and Washington, D.C. No charge to prospective bidders for copies of the specifications; to others, \$2.00 per copy, not returnable. 23

LOW BIDDERS

BONNEVILLE Oregon.—Barham Bros., at \$107,243.65 submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-48, for the construction of the reinforced concrete sections of the Tanner Creek By-Pass (Fishway), the completing of the earth-lined canals and connections between Sections for the Tanner Creek By-Pass, the connections with the additions to the waterways of the Oregon State Fish Hatchery, project sidewalks and the constructing of a reinforced concrete bridge across Bradford Island fish ladder, all at Bonneville, Ore.

The three low bids follow:

- | | |
|---------------------------------------|--------------|
| Barham Brothers | \$107,243.65 |
| Ross B. Hammond Co., Port-land | 119,955.85 |
| Clifford A. Dunn, Klamath Falls | 122,015.70 |

BIDS WANTED

SUN RIVER PROJECT, Montana.—Until Dec. 2, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Fairfield, Montana, under Spec. No. 1143-D, for the construction of earthwork, structures, extensions of sublaterals of laterals C.M. 31, G.M. 47-II, and G.M. 96, Greenfields division, Sun River project, Mont.

Plans and specifications may be obtained from the above office; no charge in prospective bidders, to others, \$2.50 not returnable. 23

25— MACHINERY AND EQUIPMENT

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 9, 8:15 P. M. bids will be received by the Sacramento City Council, H. P. Denton, City Clerk, City Hall, for furnishing mechanical and electrical equipment for sewage plant No. 2 extension. Estimated cost, \$75,000. Plans and specifications may be obtained from the above office upon the deposit of \$25. 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until December 6, 2 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Bid No. 1144-D, for furnishing and delivering 23 radial gates and 23 radial-gate holsts for the New Briar Canal, All-American canal system, Boulder Canyon Project; job ship-

ping point and/or Calexico, Cal. Gates and gate hoists will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others, \$3.50, not returnable. * 25

CONTRACT AWARDED

DENVER, Colo.—Bay City Srovels, Inc., Bay City, Mich., at \$14,500 awarded contract by Bureau of Reclamation, Washington, D. C., at \$14,500, for dragline excavator with 45-ft. boom, shovel attachment with 1 cu. yd. dipper for Rio Grande proj., N. M.-Tex. and one same with 60-ft. boom, shovel attachment with 2 1/2 cu. yd. dipper for All-American Canal, f.o.b. Bay City, Mich., Spec. 1130-D. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custum House, under Bid No. 868-39-136, for 2 concrete pneumatic vibrators; f.o.b. S. F.

Bids were:
Ingersoll-Rand Co., \$292.50 (Ingersoll-Rand 3-V type, or equal); \$234, (Ingersoll-Rand 2-V type, or equal), net.

Chicago Pneumatic Tool Co., \$295.75-\$236.60, net.
Harron Rickard & McCone Co., \$295.75, \$236.60, net. * 25

BIDS WANTED

KENDRICK PROJECT, Wyoming.—Until Dec. 12, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1146-D, for furnishing and delivering one control switchboard; two 115,000- to 115-volt, outdoor, oil-immersed, potential transformers; two 115,000-volt, 100/200- to 5-ampere, outdoor, oil-immersed, current transformers; nine 15,000-volt, 400-ampere, single-pole, hook-stick-operated, outdoor-type disconnecting switches; three 46,000-volt outdoor-type, expulsion fuses; one 115,000-volt, 600-ampere, three-pole, single-throw, outdoor-type oil circuit breaker; and seven 115,000-volt, 600-ampere, three-pole, manually gang operated, outdoor-type disconnecting switches for the Greeley substation; one control switchboard; two 10-kv-a and one 15-kv-a, 13,200- to 120/240-volt, distribution-type transformers; two 13,800- to 115-volt, outdoor, dry-type potential transformers; six 400- to 5-ampere, 13,800-volt, outdoor, dry-type current transformers; 12 15,000-volt, 400-ampere, single-pole, hook-stick-operated, outdoor-type disconnecting switches; one 15,000-volt, 400-ampere, three-pole, manually gang operated, outdoor-type disconnecting switch; three 15,000-volt outdoor-type expulsion fuses; one 15,000-volt, 600-ampere, three-pole, single-throw, outdoor-type oil circuit breaker; and one 15,000-volt, three-pole, station-type lighting arrester for the Cheyenne substation, Kendrick project, Wyoming. F.o.b. shipping point and/or Railroad destination. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others \$1.00 not returnable. * 25

BIDS WANTED

SALT RIVER PROJECT, Ariz.—Until December 5, 2 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1145-D, for furnishing and delivering three cylinder heads for

173,000-lb. hydraulic hoists and three hydraulic gate hangers for the 6x7-ft. 6-in. high pressure gates located in the gate chamber of the outlet works at the Bartlett Dam, Salt River Project, Ariz.; fob shipping point and/or Phoenix, Ariz. Apparatus and materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders, to others, \$1.00, not returnable. * 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1134-D, for furnishing and delivering (1) four 16-ft. 7-in. by 5-ft. top-seal radial gates, two 14-ft. by 5-ft. top-seal radial gates; (2) four 5,000-lb. capacity motor-driven radial-gate hoists, and one 10,000-lb. capacity motor-driven radial-gate hoist for installation at drop No. 1 and five 9-ft. 6-in. by 10-ft. top-seal radial gates for installation at the Coachella turnout, All-American canal system, Boulder Canyon Project; fob shipping point and/or Calexico.

Bids were:
The Stearns-Roger Mfg. Co., Denver, (1) \$5,458; wt. 75,000; net; fob Calexico.

Hester Steel Co., Pittsburgh, Pa., (1) \$7,580; wt. 70,000; net; fob Melville Island, Pa.

Treadwell Const. Co., Midland, Pa., (1) \$7640; wt. 68,400; net; fob Midland.

Berkeley Steel Const. Co., Inc., Berkeley, (1) \$6,192; wt. 74,000; 1/2 fob Berkeley.

Pacific Iron & Steel Co., Los Angeles, (1) \$6691; wt. 76,000; net; fob Los Angeles.

H. S. Mitchell, Receiver Hesse-Ersted Iron Works, Portland, (2) \$5699; wt. 14,000; 1/2 fob Portland.

Smith Corp. d/b/a/ General Iron & Steel Works, Portland, (1) \$6850; wt. 73,570; (2) \$5455; wt. 12,650; combination bid; \$12,195; net; fob Portland.

American Bridge Co., Denver, (1) \$6722; wt. 70,272; net; Gary, Ind.

Ogden Iron Works, Ogden, Utah, (1) \$6965; wt. 70,000; 1 1/2; fob Ogden.

Consolidated Steel Corp., Ltd., Los Angeles, (1) \$6600; wt. 71,070; (2) \$7000; wt. 13,900; comb. bid; \$12,740; net; fob Los Angeles.

Omaha Steel Works, Omaha, Neb., (2) \$5214; wt. 11,600; net; fob Omaha.

Western Pipe & Steel Co. of Calif., Los Angeles, (1) \$10,750; wt. 72,600; fob Los Angeles.

Mississippi Valley Struct. Steel Co., St. Louis, Mo., (1) \$6860; wt. 7200; net; fob St. Louis.

Goodman Mfg. Co., Chicago, Ill., (2) \$7250; wt. 13,500; net; fob Chicago.

Lakeside Bridge & Steel Co., Milwaukee, Wis., (1) \$7,000; wt. 71,700; net; fob Milwaukee.

Long Beach Iron Works, Long Beach, (2) \$6115; wt. 15,300; 2%; fob Long Beach.

Puget Sound Mch. Depot, Seattle, (2) \$5893.57; wt. 12,000; net; fob Seattle.

Commercial Iron Works, Portland, (2) \$5498; wt. 14,000; 1/2; fob Portland.

Pacific Coast Engr. Co., Oakland, (1) \$6573; wt. 71,000; net; fob Oakland.

Foote Bros. eGar & Machine Corp., (2) \$6020; wt. 12,000; net; fob Chicago.

Warden-Allen Co., Milwaukee; (1) \$6170; wt. 72,317; 1/2; fob Milwaukee.

John W. Beam, Denver, (1) \$7550; wt. 72,000; 1/2; fob Peotone, Ill.

Valley Iron Works, Inc., Yakima, Wash., (2) \$6158; wt. 14,400; 5%; fob Yakima. * 25

BIDS OPENED

MARIN and Sonoma Cos., Calif.—Following submitted bids to the State Division of Highways, Jno. H. Skeggs District Engineer, Room 211, State Bldg., San Francisco, for rental of four 5-cy. capacity pneumatic tired dump trucks for approx. 1800 hours use in Marin and Sonoma Counties.

Bids taken on: (1) hand loading; (2) bunker loading; (3) power loading. Bids were:

C. E. Huls, Merced, (1) \$3.02; (2) \$3.27; (3) \$3.52.

M. T. Luebberke, San Anselmo, (1) \$3.20; (2) \$3.20; (3) \$3.45.

McReynolds Truck Co., Oakland, (1) \$3.10; (2) \$3.35; (3) \$3.60.

W. C. Railing, Menlo Park, (1) \$2.65 (2) \$2.90; (3) \$3.13.

C. W. Beguhl, Millbrae, (1) \$3; (2) \$3.25; (3) \$3.50.

San Bruno Ave. Feed and Fuel, (1) \$3; (2) \$3.15; (3) \$3.45.

N. Giorgio & A. Bin, San Francisco, (1) \$2.80; (2) \$2.95; (3) \$3.05.

Brown Ely Co., Oakland, (1) \$2.80 (2) \$3.05; (3) \$3.20.

H. Simon, San Francisco, (1) \$3.05; (2) \$3.27; (3) \$3.42 1/2. * 25

BIDS OPENED

MERCED COUNTY, Calif.—C. E. Huls, Merced, at \$6.40 per hour submitted only bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center Street, Stockton, for the rental of one 3/4-cu. yd. crawler type shovel for use in Merced County. * 25

BIDS OPENED

SAN BERNARDINO, Calif.—Bids for the rental of a tractor and bulldozer, with 12-ty. carryall, for use on Mojave River channel, between Hesperia and Daggett, opened by the San Bernardino county purchasing agent, Wm. Young, were:

Silva & Hill Constr. Co.—Caterpillar, \$7.50 per hour.

A. S. Vinnell Co.—Caterpillar, \$7.69 per hour.

C. G. Willis & Son—Caterpillar, \$7.40 per hour.

Vido Kovacevich—Caterpillar, \$8.37 per hour.

Pacific Crane & Rigging Co.—Caterpillar, \$7.94 per hour; Allis-Chalmers 35, \$9.50 per hour.

C. G. Willis & Son—Bulldozer, \$4.90 per hour; carryall, \$5.50 per hour.

Warren Smithson—Bulldozer, \$3.90 per hour. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 25, 2 P. M., bids will be received by U. S. Indian Irrigation Service, Room 523, 8th and Figueroa Bldg., L. A., for pumping units for Frazier pumping plant, Ft. Peck Indian Reservation, Mont., Adv. FO-5. Bids will be received on:
(1) 2 pumping units complete with driving motors and all required appurtenances, including spare L. A., for pumping units for Frazier's shipping point and/or Frazier, Mont.; normal capacity of pump to be 67 cu. ft. per second against total head of 23 ft., to be vertical, self-contained, mixed or axial flow type, driven by direct-connected vertical shaft synchronous motors, to discharge into 48-in. diam. pipe lines, 70 ft. long, which will convey water to head end of Irrig. canal;
(2) one additional unit same as item (1). * 25

BIDS OPENED

MARIN AND SONOMA COUNTIES, Calif.—Following submitted bids to the State Division of Highways, Jno. H. Steggs, District Engineer, District IV, Room 211, State Building, San Francisco, for rental of four 4-cu. yd. capacity, pneumatic tired dump trucks for 1600 hours use in Marin and Sonoma Counties, Calif.

Bids taken on: (1) hand loading; (2) bunker loading; (3) power loading.

Bids were:

- C. E. Huls, Merced, (1) \$2.65, (2) \$2.90, (3) \$3.15.
- McReynolds Truck Co., Oakland, (1) \$2.72, (2) \$2.97, (3) \$3.22.
- H. E. Springer, S. F., (1) \$2.65, (2) \$2.90, (3) \$3.15.
- K. I. Dowdy, S. F., (1) \$2.70, (2) \$2.75, (3) \$2.85.
- W. C. Railing, Menlo Park, (1) \$2.65, (2) \$2.88, (3) \$3.28.

C. W. Beguhl, Millbrae, (1) \$2.65, (2) \$2.90, (3) \$3.15.

San Bruno Avenue Feed & Fuel, San Francisco, (1) \$2.85, (2) \$3, (3) \$3.15.

S. E. Bongsangue, L. A., (1) \$2.09, (2) \$2.35, (3) \$2.44.

Brown Ely Co., Oakland, (1) \$2.50, (2) \$2.70, (3) \$2.95.

H. Simon, S. F., (1) \$2.90, (2) \$3.10, (3) \$3.20.

BIDS OPENED

SAN LUIS OBISPO, Calif.—Bids for two 10-ft. dual drive, gasoline powered motor graders with scarifiers and oil-mix moldboards, one f.o.b. San Luis Obispo the other f.o.b. Monterey, Quot. 23084, Req. 4364, opened by State Purchasing Agent, Sacramento, were:

Spears-Wells Machinery Co., \$4400; two at \$5800; disc. \$200 10th prox.

Smith Booth Usher Co., \$3147.50; two at \$6295; net.

E. C. Livingston, \$3402.35; one for Monterey only; net.

Harron, Rickard & McCone Co., \$3147.50; two at \$6295; net.

J. D. Adams Co., \$3112.25; two at \$6224.50; disc. 2% 30 days.

Weaver-Rye Tractor Co., \$3254.71; two at \$6509.42; disc. \$100 30 days.

Knox-Hale Co., \$3619.36; two at \$7238.72; net.

LeROI-Rix Machy Co., \$3820; two at \$7640; disc. 10% 30 days.

CONTRACT AWARDED

BOISE PROJ., Ida.—Contracts for radial gates and gate hoists for Black Canyon Canal and D Line Canal, Payette division, Boise project, Ida., Spec. 1116-D, have been awarded by Bureau of Reclamation, Washington, D. C., as follows:

Ogden Iron Works, Ogden, Utah—Item 1, at \$1390; item 2 at \$588; item 4 at \$300; disc. 1%; all prices fob Ogden.

John W. Beam, Denver: Item 3 at 700; fob Denver; disc. 1/2%. 25

BIDS WANTED

FRESNO, Calif.—Until Nov. 25, 1938, 11:00 A. M., bids will be received by the Fresno City Council, H. S. Foster, City Clerk, City Hall, Fresno, for one 1939 truck chassis of not less than 16,000 pound gross rating with cab complete, for use of the Public Works Department.

Plans and specifications may be obtained from the above office. 25

CONTRACT AWARDED

KENDRICK PROJ., Wyo.—Worden-Allen Co., Milwaukee, Wis., at \$6681, disc. 1% fob Milwaukee, was awarded contract by the Bureau of Reclamation, Washington, D. C., for

structural steel supporting structures for Cheyenne and Greeley substations, Kendrick project, Wyo.; Spec. 1121-D. 25

BIDS WANTED

PEARL HARBOR, T. H.—Until December 14, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8755, for laundry machines, water softener, storage tank, pump and heater; piping and wiring; and incidental work for laundry at the Naval Hospital, Pearl Harbor, T. H.

Specifications may be obtained from the above office, from the Commandant, Navy Yard, Pearl Harbor, T. H., or from the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00. 25

CONTRACT AWARDED

BOULDER CANYON PROJ.—C. O. Two Fire Equipment Co., Newark, N. J., at \$2537.25 (Item I) awarded contract by Bureau of Reclamation, Washington, D. C., under Spec. 1120-D, for carbon dioxide fire extinguishing system for installation in Boulder power plant, Boulder Canyon Project. 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6417: Auburn L. C.: \$0-6775; 500 sacks of Portland cement.

BID NO. 6408: Western Pipe and Steel: \$683.10; 1/4 of 1%-20; culvert.

BID NO. 6404: Smith L. C.: \$1105.92; 2%-10th prox.; redwood lumber.

BID NO. 6403: Raggio Conc. Pipe Co.: \$452.40; 5%-20; conc. pipe.

BID NO. 6498: Monterey Bay Redwood Co.: \$283.81; 2%-20; lumber.

BID NO. 6402: Austin Bros.: \$304.05; 2%-30; nails.

BID NO. 6400: Dallman Supply: \$621.60; 2%-30; lav. supplies. 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6407: Dunham, Carrigan and Hayden: \$1231.82; 2%-30; steel sheets.

BID NO. 6392: Consumers Rock and Cement: \$0.575; \$2720; 10c-30; gravel.

BID NO. 6385: Baker, Hamilton and Pacific: \$419.20; 2%-30; hardware.

BID NO. 6388: A. M. Castle & Co.: \$333.45; 1/2 of 1%-30; steel bars.

BID NO. 6381: U. S. Radiator Corp.: \$453.71; 2%-30; radiators.

BID NO. 6387: Baker, Hamilton and Pacific: \$326; 2%-30; saws.

BID NO. 6389: Rojek Mch. Co.: \$76; 2%-20; rental of compressor. 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing sup-

plies and materials, as follows:
NOVEMBER 22, 10:00 A. M.
BID NO. 6482: Oak lumber; f.o.b. Fort Baker, Marin County.
NOVEMBER 23, 10:00 A. M.
BID NO. 6483: Douglas Fir and Redwood lumber and piling; f.o.b. Bakersfield.

BID NO. 6484: Redwood and Douglas Fir lumber; f.o.b. McFarland.
NOVEMBER 25, 10:00 A. M.

BID NO. 6487: Corrugated metal pipe culvert and band couplers; f.o.b. Ukiah.

BID NO. 6488: Redwood lumber; f.o.b. point of origin and/or Dunsmuir.

BID NO. 6489: 10 concrete carts, 6 cu. ft. capacity; f.o.b. San Jose. 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6419: Southern Pipe & Casting Co.: \$3200; net; \$0.40; steel pipe.

BID NO. 6418: Southern Pipe & Casting Co.: \$594; \$0.33; net; steel pipe.

BID NO. 6410: Smith L. C.: \$1252.50; 2% 10th prox.; lumber.

BID NO. 6393: Merced L. C.: \$2620.50 net; \$2.52; 1040 bbls. of Portland cement. 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6430: Pac. States C. I. Pipe Co.: \$647.92; net; pipe.

BID NO. 6429: Calif. Cor. Culvert: \$729.88; 1/4 of 1%-20; culvert.

BID NO. 6428: Western Pipe and Steel: \$1005.38; 1/2 of 1%-20; culvert.

BID NO. 6405: E. A. Smith Hardware: \$384.95; 2%-10th prox.; pipe and fittings. 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for rental of equipment and supplies of materials, as follows:

NOVEMBER 23, 10:00 A. M.
BID NO. 6490: Rental of four dump trucks, capacity to be not less than 2 cu. yds. each, for hand loading use, f.o.b. Berkeley.

BID NO. 6493: 8000 lin. ft. steel pipe, f.o.b. Oakland.

NOVEMBER 25, 10:00 A. M.
BID NO. 6494: 1026 sacks Portland cement, f.o.b. Berkeley.

BID NO. 6495: 500 sacks cement, f.o.b. Berkeley.

BID NO. 6496: Sugar pine sash and Oregon pine doors, f.o.b. Berkeley.

BID NO. 6497: Douglas fir, f.o.b. San Luis Obispo. 27

29—STREETS AND HIGHWAYS

BID REJECTED

SAN FRANCISCO.—The San Francisco Department of Public Works, Room 251, City Hall, rejected the only bid submitted by West Construction Co., S. F., at \$5,795.50, for the improvement of Gates St. between Powhattan Ave. and Bernal Heights Blvd. 29

CONTRACT AWARDED

CHURCHILL COUNTY, Nevada.
—Dodge Construction Inc., Fallon, Nevada, at \$42,769.52 submitted low bid and was awarded contract by the Department of Highways, Heroes Memorial Building, Carson City, Nev., for approx. 3.47 miles construction of a portion of the highway system from Junction of U. S. Route 50, south of Fallon to a point approx. 3 miles southeast, Churchill County, Nevada.

- Work involves:
- (1) 5 each remove trees;
 - (2) 6197 l.f. remove fence;
 - (3) 5 each remove timber culverts;
 - (4) 69 c.y. remove riprap;
 - (5) 3 each remove irrigation struc.;
 - (6) lump sum move timber culvert;
 - (7) 2 each move mail boxes;
 - (8) 11103 sq. yd. remove and stockpile stabilized base;
 - (9) 2600 c.y. roadway excav;
 - (10) 1180 c.y. drainage excavation;
 - (11) 4242 c.y. borrow;
 - (12) 21137 sq. yd. overhaul (yd. sta.);
 - (13) 14127 yd. ml. overhaul (yd ml.);
 - (14) 400 c.y. struc. excav.;
 - (15) 460 c.y. backfill;
 - (16) 3.47 mile subgrade, Type "B";
 - (17) 750 M gal. water;
 - (18) 15,100 tons select material base;
 - (19) 26 tons liquid asphalt, Type MC2 (seal);
 - (20) 247 tons liquid asphalt, type MC7 or MC3 (roadmix);
 - (21) 347 miles roadmix;
 - (22) 23 each roadmix intersections;
 - (23) 140 c.y. class "A" concrete;
 - (24) 16 c.y. class "B" concrete;
 - (25) 14,313 lbs. reinf. steel;
 - (26) 0.184 MFEM Redwood;
 - (27) 578 l.f. 18-inch corr. metal pipe;
 - (28) 34 l.f. 24-inch corr. metal pipe;
 - (29) 67 c.y. hand laid riprap;
 - (30) 38 each culvert markers;
 - (31) 18 each guide posts;
 - (32) 6,052 l.f. reconstr. fence;
 - (33) 36 each monuments;
 - (34) 8,208 sq. ft. salvaged stabilized base.

- Total bids follow:
- (A) Dodge Construction Inc., Fallon, \$42,769.52.
 - (B) Silver State Const. Co., Fallon, \$42,938.40.
 - (C) Isbell Const. Co., Reno, \$44,899.63.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$10.00	\$20.00	\$10.00
(2)	.03	.05	.02
(3)	25.00	50.00	25.00
(4)	2.00	2.00	2.00
(5)	20.00	100.00	25.00
(6)	5.00	25.00	100.00
(7)	5.00	5.00	2.00
(8)	.40	.10	.05
(9)	.25	.30	.50
(10)	.25	.40	1.00
(11)	.25	.20	.25
(12)	.015	.01	.01
(13)	.15	.10	.10
(14)	1.50	1.00	1.50
(15)	.50	1.00	.50
(16)	200.00	100.00	100.00
(17)	1.50	2.00	1.50
(18)	.47	.45	.60
(19)	20.00	20.00	18.00
(20)	16.00	20.00	18.00
(21)	500.00	500.00	500.00
(22)	30.00	20.00	20.30
(23)	27.00	35.00	28.00
(24)	27.00	30.00	30.00
(25)	.07	.06	.06
(26)	200.00	150.00	120.00
(27)	2.00	2.00	2.50
(28)	3.00	2.50	3.50
(29)	5.00	5.00	7.00
(30)	3.00	4.00	3.50
(31)	3.00	4.00	3.00
(32)	.10	.10	.10
(33)	3.00	4.00	3.50
(34)	.06	.15	.05

BIDS OPENED

SACRAMENTO COUNTY, Calif.—J. R. Reeves, P. O. Box 1072, Sacramento, at \$5007.10 submitted low bid to the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for the reconstruction of North "B" St.

- Total bids follow:
- J. R. Reeves, Sacramento, \$5007.10
 - A. Eichert & Son, Inc., Sacramento, 5759.50
 - L. G. Lentz, Sacramento, 6844.20

CONTRACT AWARDED

SANTA CRUZ COUNTY, Cal.—N. M. Ball Sons, 852 Carmel St., Berkeley, at \$232,492 awarded contract by the State Division of Highways, Public Works Bldg., Sacramento, for about 8.2 miles grading and applying road-mix surface treatment between one-half mile south of Davenport and Waddell Creek, Santa Cruz Co.

BIDS OPENED

SHASTA COUNTY, Calif.—Hemstreet & Bell, P. O. Box 550, Marysville, at \$106,635 submitted low bid to the United States Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing base course, surface course and bituminous treatment on 12,052 miles of Section E (portion), H and J of Route 77, the Mt. Shasta-Mt. Larsen National Forest Highway, Shasta National Forest, Shasta County.

- Work involves:
- (1) 23,000 tons 2-inch heavy crushed rock base course;
 - (2) 28,000 tons of crusher run top course;
 - (3) 500 tons of supplemental crushed stone;
 - (4) 2,000 M. gallons watering;
 - (5) lump sum water plant or plants for project;
 - (6) 300 tons of cutback asphalt for prime coat;
 - (7) 2900 tons cover (Class A pavement—split method);
 - (8) 215 tons 90-95 liquid asphalt for Class A pavement;
 - (9) 38 each culvert markers.

- Total bids follow:
- (A) Hemstreet & Bell, Marysville, \$106,635.00.
 - (B) Mountain Const. Co., Sacramento \$115,116.50.
 - (C) Homer G. Johnson, Portland, \$115,254.00.
 - (D) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$124,502.00.
 - (E) A. Milne, Portland, \$128,189.00.
 - (F) Isbell Const. Co., Reno, \$135,858.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$ 1.38	\$ 1.42	\$ 1.70
(2)	1.70	2.00	1.70
(3)	1.45	1.80	1.70
(4)	1.50	1.50	1.50
(5)	500.00	300.00	2000.00
(6)	20.00	18.50	26.00
(7)	4.00	4.00	3.00
(8)	25.00	19.50	26.00
(9)	2.50	3.00	3.00
	(D)	(E)	(F)
(1)	\$ 1.80	\$ 2.00	\$ 2.05
(2)	2.00	2.00	2.20
(3)	1.75	2.00	2.05
(4)	1.75	1.50	1.25
(5)	700.00	500.00	3000.00
(6)	25.00	25.00	20.00
(7)	3.40	3.00	3.50
(8)	15.00	25.00	20.00
(9)	4.00	3.00	3.50

AWARD RECOMMENDED

LOS ANGELES COUNTY, Calif.—Claude Fisher Co., Ltd., 2455 East 55th Street, Los Angeles, at \$119,219 recommended for award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District En-

gineer, Federal Office Bldg., Civic Center, San Francisco, for grading Section F of Route 61, the Angeles Crest National Forest Highway, Los Angeles County. The length of the project is 2.055 miles. 29

BIDS OPENED

LOS ANGELES CO., Calif.—R. E. Hazard & Sons, P. O. Box 1510, San Diego, at \$28,511.75 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surfacing (Type B-1) on 12,509 miles of Sections A, B, C, D and E of Route 61, the Angeles Crest National Forest Highway, Los Angeles County.

- Work involves:
- (1) 65 tons of slow curing asphalt (Type SC-2) for bitum. treat.;
 - (2) 12,509 miles Type B-1 road mix surfacing liquid;
 - (3) 2450 tons of slow curing asphalt (Type SC-3) for Class B road mix;
 - (4) 100 tons cutback asphalt (Type RC-1) for Class B seal.

- Total bids follow:
- (A) R. E. Hazard & Sons, San Diego \$28,511.75.
 - (B) Oilfields Trucking Co., Bakersfield, \$28,681.75.
 - (C) Warren Southwest, Inc., Los Angeles, \$29,374.90.
 - (D) Clyde W. Wood, Los Angeles, \$40,234.00.
 - (E) Claude Fisher Co., Ltd., Los Angeles, \$42,573.70.
 - (F) G. W. Ellis, North Hollywood, \$44,331.44.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$12.00	\$ 7.50	\$ 7.00	\$12.00
(B)	14.00	7.50	7.00	12.40
(C)	10.00	11.00	5.70	10.00
(D)	10.00	10.00	10.50	13.50
(E)	20.00	18.00	7.15	12.40
(F)	12.00	16.00	9.00	15.00

BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—C. H. Purcell, State Highway Engineer, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on November 30 and in Los Angeles on December 1, 1938.

Following is a list of blue prints and prices:

VII-Oro-43-B. Bet. Santiago Blvd. and Santa Ana Canyon Road. Bids to be opened in Los Angeles: PLANS—No. of Sheets 12, cost \$1.20; CROSS SECTIONS—No. of Sheets 24, cost \$2.40, total \$3.60.

X-Sta-4-A. 0.4 mile south of Turlock. Bids to be opened in Sacramento. PLANS—No. of Sheets 34, cost \$5.10; CROSS-SECTIONS—No. of Sheets 37, cost \$3.70, total \$8.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif. 29

BIDS WANTED

GILA COUNTY, Ariz.—Until Nov. 22, 10:00 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Globe-Showlow Highway, F.A. 99-D, A, E, F, and F.I., 6-B (1939). The work, which begins about 50 miles northeast of Globe and extends southwesterly about 29.8 miles (unless the project is cut back as provided in the contract), consists of subgrading roadway and refinishing slopes; furnish-

ing and placing Select Materials, SC-6 road oil plant mix. Type B seal coat and asphaltic surface treatment; and is to be completed on or before Oct. 31, 1939.

- Work involves:
- (1) 29.7 miles subgrading roadway and refinishing slopes;
 - (2) 205,700 c.y. select material (CIP);
 - (3) 6500 M. gal. sprinkling;
 - (4) 2400 hours rolling;
 - (5) 22 each corr. metal catch basins;
 - (6) 1400 l.f. 8-inch CMP;
 - (7) 39,100 tons plant mix;
 - (8) 1560 tons road oil (SC-6);
 - (9) 29.7 miles placing plant mix;
 - (10) 2870 tons choker screenings;
 - (11) 6700 tons screenings (for seal coat);
 - (12) 800 tons emulsified asphalt (class A);
 - (13) 350 cu. yd. blotter material;
 - (14) 304,000 gal. road oil (SC-2);
- Plans and specifications may be obtained from the Arizona Highway Department, Howard S. Reed, State Highway Engineer, 17th Ave. and Jackson St., Phoenix. • 29

BIDS WANTED

COCONINO COUNTY, Ariz.—Until Dec. 8, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, New Post Office Building, Phoenix, Arizona, for grading, draining and placing surfacing (base) with bituminous treatment on approximately 10.761 miles Section C and a portion of Sec. D of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino County, Ariz.

- Work involves:
- (1) 24 acres clearing;
 - (2) 24 acres grubbing;
 - (3) 20,000 c.y. stripping and storing top soil;
 - (4) 36,200 c.y. unclass. excav.;
 - (5) 60 c.y. unclass. excav. for struc.;
 - (6) 49,600 c.y. unclass. excav. for borrow;
 - (7) 38,000 stva. yds. overhaul;
 - (8) 159,000 c.y. miles borrow haul;
 - (9) 4400 l.f. furrow ditches;
 - (10) 317 M. Gal. watering;
 - (11) 13,000 tons crushed run top course;
 - (12) 500 tons applying Government furnished asphaltic material (Type SC-2) for bituminous treatment;
 - (13) Force account sanding;
 - (14) 5 c.y. cement rubble masonry;
 - (15) 262 l.f. corr. galv. sheet metal pipe;
 - (16) 40 l.f. remove, clean and relay existing CM pipe;
 - (17) 1 each cattle guards;
 - (18) 1000 l.f. barbed wire fence;
 - (19) 16 each culvert markers;
 - (20) Force account obliteration of old roads;
- Plans and specifications may be obtained from the above office and from the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco. • 29

LOW BIDDER

WHIPPLE, Yavapai County, Ariz.—Pearson and Dickerson Inc., Prescott, Ariz., at \$12,609 submitted low bid to the Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., under Project No. 1566, for construction and finishing complete entrance road at Veterans Administration Facility, Whipple, Ariz.

- Three low bids follow:
- | | |
|---------------------------|----------|
| Pearson & Dickerson Inc., | |
| Preacott | \$12,609 |
| W. E. Orr, Phoenix | 18,791 |
| Lewis Bros. | 35,452 |

HALF MOON BAY UNION HIGH SCHOOL

HIGH SCHOOL
HALF MOON BAY, San Mateo Co.
 One-story frame and reinforced concrete high school.
 Owner—Half Moon Bay High School District (Jos. F. George, Clerk).
 Architect—Thos. M. Edwards, Room 1104, 9 Geary St., San Francisco.
 Low Bidder—Chas. F. Pedersen, 734 Prospect Row, San Mateo, \$154,640.00.

- Bids were received with the following deductions:
- (1) omit telescopic gymnasium seats
 - (2) omit steel lockers;
 - (3) omit linoleum floor covering;
 - (4) omit wiring and equipment to public address system, but install conduits, outlet boxes, terminal cabinets and covers for same;
 - (5) semi-automatic oil burner in lieu of full automatic;
 - (6) omit acoustical work in music and practice rooms;
 - (7) omit interior finish for lunch room, plumbing, fixtures, light fixtures, counters, painting, etc.
 - (8) omit lunch room structure;
 - (9) omit interior wood trim bookcases, light fixtures, linoleum floor covering, wall and ceiling

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$1200	\$1510	\$1500	\$2205	\$1506	\$1600	\$1500	\$1500	\$1900
(2).....	805	840	820	992	945	836	835	836	945
(3).....	955	1000	950	994	1296	961	945	955	1295
(4).....	375	425	400	440	419	400	420	400	411
(5).....	590	580	500	630	660	580	590	500	550
(6).....	460	460	450	480	467	450	460	450	506
(7).....	709	942	700	867	1301	774	725	800	850
(8).....	2033	2600	2300	3700	2796	2175	2800	2500	1676
(9).....	1239	1000	1400	790	1352	1113	1450	1350	1479
(10).....	6813	8000	6750	7112	7601	6394	9000	6350	5707
(11).....	240	265	250	210	265	200	200	210	202
(12).....	300	300	275	220	300	275	210	225	212
(S1) 1st report June 13; 6th, Nov. 10, 1938.									15

- finish and interior painting for library;
- (10) omit shop building unit including fixtures, fittings, etc., also wrecking and removal of existing building;
 - (11) omit footlights, but install wires and service for future installation;
 - (12) omit border lights, but install wires and service for future installation.
- Complete total bids follow:
- (A) Chas. F. Pedersen, San Mateo, \$154,640.
 - (B) Frank J. Reilly Co., San Francisco, \$155,321.
 - (C) Monson Bros., San Francisco, \$155,496.
 - (D) R. A. McLean & Co., San Francisco, \$161,885.
 - (E) William Martin, San Francisco, \$164,563.
 - (F) Moore & Roberts, San Francisco, \$164,926.
 - (G) G. W. Williams Co., Burlingame, \$164,977.
 - (H) H. H. Larsen Co., San Francisco, \$165,723.
 - (I) F. F. Reilly, San Francisco, \$171,900.
- Complete alternate deductions follow:

LOS ANGELES CO.—GRADING & PAVING—(STATE)

LOS ANGELES CO., Calif.—Claude Fisher Co., Ltd., 2455 E. 55th Street, Los Angeles, at \$21,493.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.5 mile grading, paving with Portland cement concrete and constructing bank protection at Big Tujunga Wash, Los Angeles County, Calif.

- Work involves:
- (1) 250 M. gal. water;
 - (2) 1400 c.y. roadway excavation unclass.;
 - (3) 9000 c.y. borrow;
 - (4) 400 sq. yd. preparing subgrade;
 - (5) 27 sta. finishing roadway;
 - (6) 4 tons liquid asphalt SC-2 (prime coat);
 - (7) 560 tons mineral aggregate (plant mix surfacing);
 - (8) 30 tons liquid asphalt SC-4 plant mix surfacing;
 - (9) 80 c.y. Class A Portland cement

- concrete (pavement);
- (10) 180 each pavement dowels;
- (11) 300 lbs. bar reinforcing steel;
- (12) 3500 lbs. mesh reinforcements;
- (13) 800 c.y. Class A Portland cement concrete slope pavement and cutoff wall;
- (14) 32,000 sq. ft. wire and rock mattress.

- Total bids follow:
- (A) Claude Fisher Co. Ltd., Los Angeles, \$21,493.00.
 - (B) Contracting Engineers Co., Los Angeles., \$27,677.00.
 - (C) United Concrete Pipe Corp., Los Angeles, \$29,280.00.
 - (D) Griffith Co., L. A., \$29,296.40.
 - (E) C. O. Sparks and Mundo Engineering Co., L. A., \$30,174.50.
 - (F) Matich Bros., Elsinore, \$30,962.
- Unit prices follow:
- | | | | |
|--------|--------|--------|--------|
| \$2.00 | \$1.10 | \$1.25 | \$1.85 |
| \$2.00 | \$1.10 | \$1.25 | \$1.80 |

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$1.50	\$2.00	\$2.00	\$1.10	\$1.25	\$1.80
(2).....	.64	1.00	.60	.35	.75	.60
(3).....	.40	1.00	.50	.46	.80	.60
(4).....	.20	.25	.20	.15	.15	.15
(5).....	5.00	8.00	10.00	7.00	5.00	5.00
(6).....	10.00	20.00	20.00	15.00	15.00	10.00
(7).....	2.00	2.00	2.75	1.85	3.00	2.00
(8).....	6.00	8.00	8.00	6.70	7.00	7.00
(9).....	9.00	7.00	12.00	11.30	12.00	10.00
(10).....	.15	.20	.20	.13	.15	.15
(11).....	.05	.10	.08	.11	.10	.10
(12).....	.27	.25	.30	.31	.30	.30
(13).....	9.50	12.50	12.75	14.60	14.00	12.00
(14).....	.18	.11	.28	.30	.25	.35

CONTRACT AWARDED

TUCSON, Ariz.—White and Miller, Tucson, at \$131,740.47, awarded contract by the Tucson city council for improving streets in Fourth Avenue and 22nd St. District Paving Improvement, Contract No. 2. 29

CONTRACT AWARDED

CHURCHILL COUNTY, Nevada.—Dodge Constr. Inc., Fallon, Nev., at \$42,669.52 submitted low bid and was awarded the contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nev., for approx. 3.47 miles construction of a portion of the highway system from Junction of U. S. Route 50 south of Fallon to a point approximately 3 miles southeast, Churchill County, Nevada.

Silver State Constr. Co., Inc., Fallon, at \$42,938.40 submitted second low bid.

Complete bids will be published shortly. * 29

BIDS WANTED

SAN JOSE, Santa Clara County, Calif.—Until Nov. 28, 8:00 P. M., bids will be received by the San Jose City Council, City Clerk, City Hall, for the improvement of portions of Topeka Avenue from the N. property line of Trace Park subdivision in the City of San Jose.

Plans and specifications may be obtained from the above office. * 29

REJECTION RECOMMENDED

SISKIYOU COUNTY, Calif.—U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, recommended rejection of bids for replacement of existing structures on 0.306 miles at Louis, Butler and Merrill Creeks, Sec. A, of Route 93, The Salmon River National Forest Highway, Klamath National Forest. Albert E. Mangs and Associates, 666 Mission St., S. F., at \$41,944.05 submitted low bid. * 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$2129 submitted low bid and was awarded the contract by the San Jose Board of Education, Walter L. Bachrodt, Secretary, for paving Nagle Ave. adjacent to school property in San Jose. * 29

30—RESERVOIRS & DAMS

BIDS WANTED

EUGENE, Lane Co., Oregon.—Until Dec. 5, 7:30 P. M., bids will be received by the Eugene City Water Board, J. W. McArthur, Water Supt., Eugene, for a reinforced concrete reservoir with concrete cover for approximately 15,000,000 gal. of water storage, 100,000 gal. steel tower tank and necessary appurtenances.

Plans and specifications may be obtained from Engineers, Stevens & Koon, Spalding Bldg., Portland. 30

BIDS WANTED

LOS ANGELES, Calif.—As previously reported until Dec. 9, 10:00 A. M., bids will be received by the Metropolitan Water District, 306 W. Third St., L. A., for constructing the Palos Verdes Reservoir and appurtenant work, in accordance with plans and spec. No. 289, prepared by the office of F. E. Weymouth, Civil Engineer. Copies of the plans and spec. may be obtained from Room 1007, 306 West Third Street, L. A., on or after Nov. 18, upon

payment of \$5 per set, not returnable. Certified or cashier's check for 10% must accompany each proposal. The work proposed includes excav., rolled fill embank. and Gunite lining for a 1000-acre ft. capacity reservoir and the construction of an outlet tower, spillway, and supply tunnel. There are also included a short section of road, a concrete-walled open storm drain approx. 2800 ft. in length, a steel foot bridge, fences, and appurtenant works. No bid will

be considered for less than all the work. NOTE: The district offices state that plans and specifications will be available Nov. 16, but prior to that date plans, profiles, and a schedule of quantities of the proposed work may be inspected at the District Office, at any time during office hours. Schedule of items follows:

- (1) 1,600,000 c.y. excav. for reservoir and outlet tower;
- (Continued on page 28)

CENTRAL VALLEY PROJ.—TUNNEL & S. P. RELOCATION—(GOV'T)

CENTRAL VALLEY PROJ., Cal.—United Concrete Pipe Corp., Box J, Sta. H, Los Angeles, at \$598,673.50, submitted low bid to the United States Bureau of Reclamation, Walker R. Young, Supervising Engineer, Old Post Office Bldg., Sacramento, under Spec. No. 806 for construction of earthwork, tunnels and structures, Southern Pacific Railroad re-location, milepost 287.81 to milepost 288.725, Kennett Div., Central Valley Project. The work is located near Delta, Calif.

Work involves:

- (1) 10 acres clearing right of way;
- (2) 41,200 c.y. excav., common, for rdwy.;
- (3) 58,200 c.y. do, rock, for rdwy.;
- (4) 493,500 sta. c.y. overhaul;
- (5) 265 M. gals. water for moistening embankment materials;
- (6) 45 roller hours rolling embank.;
- (7) 3000 c.y. riprap;
- (8) 9000 c.y. excavation, common, for struc.;
- (9) 3700 c.y. do, rock, for struc.;
- (10) 35,000 c.y. excav., all classes, in tunnels;
- (11) 379,000 lbs. furnish and install perm. steel tunnel supports;
- (12) 33 MFEM furnish and erect permanent timbering in tunnels;
- (13) 700 lf. const 8-in. longitudinal tunnel drains;
- (14) 18,000 lbs. install metal drain and weep pipes in tunnels;
- (15) 800 lf. drill weep holes in tunnels;
- (16) 8700 c.y. concrete in tunnel lining except in inverts;
- (17) 600 c.y. concrete in tunnel inverts;
- (18) 1850 c.y. concrete in tunnel portals;

- (19) 70 c.y. concrete in struc. except in bridge piers and abutments;
- (20) 1200 c.y. concrete in footings of bridge piers;
- (21) 3400 c.y. concrete in bridge piers above footings;
- (22) 830 c.y. concrete in bridge abutments;
- (23) 840,500 lbs. placing reinf. bars;
- (24) 6000 bs. placing rag bolts, anchor bolts & anchor bolt sleeves
- (25) 650 sq. yds. special finishing of concrete surf.;
- (26) 350 sq. yds. dry rock paving;
- (27) 12,000 c.y. backfill about struc.;
- (28) 2000 c.y. compacting backfill about struc.;
- (29) 148 lf. laying 24-in. corr. metal pipe;
- (30) 72 lf. constructing 8-in. perf pipe track drains;
- (31) 8100 lf. installing elec. conduits in tunnels;
- (32) 0.5 miles construct barbed wire right of way fences.
- (33) 0.5 mile construct woven wire right of way fences.

- Total bids follow:**
- (A) United Concrete Pipe Corp., Los Angeles, \$598,673.50.
 - (B) Clyde W. Wood, Los Angeles, \$618,660.
 - (C) Sam Orino, Portland, \$626,573.75.
 - (D) The Utah Construction Co., San Francisco, \$630,026.50.
 - (E) Bates & Rogers Const. Co., Inc., Oakland, \$630,139.70.
 - (F) R. G. Clifford, San Francisco, \$643,003.00.
 - (G) Winston Bros. Co., Los Angeles, \$652,553.00.
 - (H) Geo. K. Thompson, Los Angeles, \$678,122.50.
 - (I) D. W. Thurston, Los Angeles, \$729,141.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$400.00	\$100.00	\$150.00	\$100.00	\$135.00	\$250.00	\$110.00	\$250.00	\$175.00
(2).....	.95	.90	.55	.80	.55	.75	.70	.85	1.00
(3).....	.95	.90	.55	.80	.55	.75	.95	.85	1.00
(4).....	.01	.005	.0075	.01	.004	.01	.008	.02	.02
(5).....	2.00	2.00	2.00	1.00	1.50	2.00	2.00	1.00	1.75
(6).....	8.00	8.00	10.00	4.00	6.00	6.00	6.00	5.00	8.25
(7).....	2.00	1.50	1.25	1.30	2.75	2.00	.90	2.00	3.00
(8).....	3.00	1.00	3.00	2.80	3.40	2.70	1.80	2.10	3.00
(9).....	3.00	2.00	10.00	2.50	3.40	7.70	3.55	2.10	4.25
(10).....	6.00	7.50	5.00	5.90	6.35	7.55	6.30	7.50	7.75
(11).....	.08	.08	.12	.10	.082	.08	.09	.07	.10
(12).....	120.00	80.00	75.00	100.00	91.30	60.00	70.00	80.00	75.00
(13).....	2.00	1.00	3.00	2.50	1.30	1.20	1.60	1.00	1.25
(14).....	.12	.05	.06	.10	.09	.05	.06	.05	.07
(15).....	2.00	1.50	1.00	.80	.90	.50	.60	.60	1.00
(16).....	10.45	10.00	14.00	14.00	13.30	10.00	14.00	13.50	11.50
(17).....	9.00	8.00	12.00	12.60	9.20	6.00	11.00	11.20	11.50
(18).....	10.50	13.00	16.00	15.60	13.15	10.00	16.00	13.50	16.00
(19).....	25.00	15.00	20.00	25.00	27.50	20.00	30.00	20.00	30.00
(20).....	9.00	11.00	12.00	11.00	7.95	14.00	10.00	11.00	11.00
(21).....	11.35	13.00	16.00	14.00	15.45	14.00	13.25	16.00	16.75
(22).....	12.00	13.00	13.00	14.00	13.05	12.00	16.00	16.00	16.00
(23).....	.015	.015	.025	.015	.014	.012	.016	.015	.02
(24).....	.15	.05	.10	.06	.08	.04	.03	.10	.06
(25).....	4.00	1.00	3.00	1.00	1.15	1.00	.80	.60	.75
(26).....	3.00	2.00	5.00	2.50	3.60	2.00	2.50	2.00	3.50
(27).....	.50	.25	.50	.30	.38	.25	.40	.50	.50
(28).....	.60	.50	.50	.70	.95	.70	.56	.50	1.00
(29).....	1.00	1.00	1.00	1.50	.55	1.50	1.00	1.00	1.00
(30).....	1.50	1.00	1.00	1.00	1.20	1.50	2.00	1.00	1.75
(31).....	.15	.15	.25	.20	.16	.12	.15	.10	.15
(32).....	500.00	300.00	500.00	400.00	350.00	500.00	520.00	600.00	500.00
(33).....	600.00	300.00	500.00	500.00	440.00	500.00	600.00	600.00	600.00

(Continued from page 27)

- (2) 39,000 c.y. excav. for struc.;
- (3) 4,000 c.y. excav. for road;
- (4) 1,000 c.y. excav. in tunnel;
- (5) 10 tons furnishing and erecting steel support in tunnel;
- (6) 16 M ft. b.m. furnishing and placing permanent timbers in tunnel;
- (7) 14,000,000 c.y. trips compacting earth blanket and main embankment;
- (8) 2,000,000 c.y. trips compacting road fill and toe embankment;
- (9) 2,000 c.y. backfill, sluiced or flooded;
- (10) 18,000 c.y. backfill, compacted;
- (11) 100 tons gravel refill;
- (12) 600 c.y. riprap;
- (13) 570 c.y. conc. in outlet tower;
- (14) 6,500 c.y. conc. in storm drain and pipe incasement;
- (15) 1,900 c.y. conc. in spillway, stilling basin, and misc. structures;
- (16) 640 c.y. conc. in tunnel;
- (17) 2,000,000 lbs. fabricating and placing reinf. steel;
- (18) 1,300,000 sq. ft. Gunite lining of reservoir;
- (19) 300 l.f. drilling grout holes;
- (20) 100 connections for grouting;
- (21) 150 c.y. mixing and placing grout;
- (22) 980 l.f. furnishing and installing mortar lined steel-plate pipe;
- (23) 1,300 lbs. furnishing and installing steel thimble and cover;
- (24) 9,000 lbs. furnishing and erecting steel bridge;
- (25) 7,700 l.f. furnishing and installing fence, 84-in. fabric;
- (26) 3,900 l.f. furnishing and installing fence, 36-in. fabric;
- (27) 100 sq. ft. furnishing and installing glass in metal sash;
- (28) 70,000 lbs. installing misc. metal-work;
- (29) 400 l.f. installing 6-in. concrete pipe;
- (30) 700 l.f. installing 12-in. concr. pipe;
- (31) 84,000 sq. ft. oiled roadway on embankment crest;
- (32) 28,000 sq. ft. disintegrated rock base 6 in. thick;
- (33) 33,000 sq. ft. pre-mix wearing surface 1 1/2 in. thick.
- (34) 75 posts furnishing and installing highway guard posts;
- (35) 8,000 ton-miles hauling steel;
- (36) 42,000 ton-miles hauling cement;
- (37) 600,000 sta. c.y. at the stipulated price of three miles (\$0.003) per sta. c.y. overhaul or road fill materials. * 30

BIDS WANTED

CALAVERAS COUNTY, Calif. — (Until Nov. 29, 3:00 P. M., opened at 4:00 P.M.), bids will be received by the Calaveras Public Utility District, Oliver C. Wyllie, Clerk, Courthouse Annex, San Andreas, for the construction of the San Andreas City supply reservoir, cleaning the south Fork feeder lateral, the main Mokelumne Hill ditch and the Pine Oak supply lateral and cleaning the Mokelumne Hill reservoir and Pine Peak reservoir, located at San Andreas and Mokelumne Hill. Plans and specifications may be obtained from the above office upon the deposit of \$5.00, returnable. * 30

31—PIPE LINES & WELLS

BID REJECTED

ALCATRAZ, Calif. — Procurement Division, Public Buildings Branch, Washington, D. C., rejected the bid of Pacific Bridge Co., San Francisco, at \$225,500 only bid submitted for a fresh water supply line at the U. S. Penitentiary at Alcatraz, Cal.

VENTURA COUNTY—BRIDGE CONSTR.—(STATE)

VENTURA COUNTY, Calif.—Griffith Company, 502 Los Angeles Rwy., Bldg., Los Angeles, at \$50,143.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highways Engineer, State Building, Los Angeles, for constructing and repairing bridge across Santa Clara River at Barsdale, consisting of construction of a reinforced concrete girder approach composed of four 51-ft. spans, one 47-ft. 3-inch, one 43-ft. 9 1/2-inch and one 17-ft. span on concrete bents with pile foundations and grading and surfacing roadway approaches with plant mix surfacing, Ventura County, Calif.

Work involves:

- (1) 150 c.y. remove existing conc.;
- (2) 200 M. gal. water;
- (3) 700 c.y. struc. excav.;
- (4) 7200 c.y. imported borrow;
- (5) 2 tons liquid asphalt SC-2 (prime coat);
- (6) 190 tons mineral aggregate (plant mix surface);
- (7) 10 tons liquid asphalt romc 4 or 5 plant mix surface;
- (8) 118,000 lbs. bar reinforcing steel;
- (9) 137 c.y. Class A Portland ce-

- ment concrete (footing blocks);
- (10) 570 c.y. Class A Portland cement concrete structures;
- (11) 5700 lbs. misc. iron and steel;
- (12) 656 l.f. timber railing;
- (13) 154 l.f. temporary railing;
- (14) 1380 l.f. furnishing reinforced concrete piles including test piles;
- (15) 54 each drive reinforced concrete piles;
- (16) 80 c.y. Class A Portland cement slope paving and cutoff walls;
- (17) 36 c.y. Class B Portland cement concrete;
- (18) lump sum, remove detour;
- (19) 1 lot misc. items of work.

Total bids follow:

- (A) Griffith Co., L. A., \$50,143.00.
- (B) White and Wilberg, Santa Monica, \$52,493.20.
- (C) United Concrete Pipe Corp., Los Angeles, \$53,283.00.
- (D) Ralph A. Bell, Monrovia, \$54,559.90.
- (E) Gibbons and Reed Co., Burbank, \$58,305.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 8.00	\$ 5.00	\$ 5.00	\$ 8.00	\$ 10.00
(2)	1.20	1.50	2.00	3.00	1.75
(3)	9.00	9.00	10.00	18.00	10.00
(4)	.80	.50	.70	.70	.50
(5)	30.00	20.00	20.00	18.00	20.00
(6)	2.60	4.00	6.00	3.50	4.00
(7)	10.00	15.00	10.00	14.00	12.00
(8)	.05	.047	.06	.05	.06
(9)	18.00	17.60	20.00	14.00	30.00
(10)	25.00	32.20	28.00	28.00	30.00
(11)	.18	.17	.20	.18	.20
(12)	1.50	1.30	1.50	1.40	1.50
(13)	2.00	1.30	2.00	1.25	1.50
(14)	2.40	2.40	2.50	2.50	3.50
(15)	55.00	82.00	70.00	56.00	100.00
(16)	17.00	20.00	14.00	12.00	18.00
(17)	42.00	20.00	21.00	18.00	20.00
(18)	1575.00	1200.00	500.00	1000.00	1000.00
(19)	900.00	1000.00	1000.00	800.00	900.00

MILLBRAE GRAMMAR SCHOOL

SCHOOL

MILLBRAE, San Mateo Co., Calif. Construction of a reinf. concrete elementary school building, including landscaping, etc. Owner—Millbrae Elementary School District, (E. J. Fatterson, Clerk). Architects—Masten & Hurd, 442 Post St., San Francisco. Low Bidder—Moore & Roberts, 683 Mission St., San Francisco, \$179,364.

General bids were received with the following alternate deductions: (1) steelteeth lath in lieu of metal, (2) hloplate blackboards in lieu of optex glass, (3) omit ratproofing, (4) Douglas fir trim in lieu of Oak, (5) maple floors in lieu of linoleum, (6) California stucco auditorium ceiling in lieu of acoustical celotex, (7) painted wainscot in lieu of canvas,

(8) omit steel lockers, (9) omit wiring and equipment for public address system, (10) omit work for inter-communication telephone system, (11) omit balcony in auditorium, (12) omit finish work in playground 133 and classrooms 131 and 132.

Total bids follow:

- (A) Moore & Roberts, S. F., \$179,364.
- (B) Monson Bros., S. F., \$183,343.
- (C) Miller Const. Co., S. F., \$183,849.
- (D) De Luca & Son, Inc., S. F., \$186,448.
- (E) James L. McLaughlin Co., S. F., \$189,195.
- (F) G. W. Williams Co., Burlingame, \$192,500.
- (G) P. F. Reilly, S. F., \$194,800.
- (H) Carl N. Swenson Co., San Jose, \$198,883.

Complete alternate deductions follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$250.00	\$360.00	\$285.00	\$300.00	\$285.00	\$275.00	\$250.00	\$243.00
(2)	100.00	1100.00	1100.00	1300.00	1114.00	1120.00	1114.00	1097.00
(3)	450.00	550.00	637.00	700.00	683.00	840.00	196.00	782.00
(4)	4020.00	1550.00	1300.00	1800.00	3517.00	1500.00	1146.00	1397.00
(5)	1630.00	800.00	900.00	900.00	761.00	850.00	487.00	457.00
(6)	741.00	1300.00	630.00	800.00	811.00	600.00	447.00	427.00
(7)	73.00	225.00	200.00	225.00	240.00	210.00	240.00	232.00
(8)	1800.00	1900.00	1890.00	1950.00	1890.00	1875.00	1890.00	1863.00
(9)	375.00	375.00	450.00	500.00	397.00	400.00	397.00	369.00
(10)	275.00	280.00	450.00	500.00	321.00	275.00	285.00	247.00
(11)	3000.00	3600.00	2100.00	4000.00	3464.00	3000.00	3020.00	3683.00
(12)	2375.00	3000.00	\$0.00	3150.00	2971.00	3300.00	2900.00	3191.00

(316) 1st rep. Aug. 3; 5th, Nov. 15, 1938.

SAN FRANCISCO—ST. IMPROVEMENT—(CITY)

SAN FRANCISCO.—Pacific States Construction Co., 564 Market Street, San Francisco, at \$16,458, submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19181, for the Improvement of Alemany Blvd. from Bayshore Blvd. westerly. Estimated cost, \$20,000.

Work involves:

- (1) 2,750 c.y. waterbound macadam;
- (1a) 10,000 sq. ft. oilled surface for macadam;
- (2) 2800 c.y. embankment;
- (3) 2000 tons asphaltic conc. pave.;
- (4) 500 lf. unarmored concrete curb;
- (5) 2700 sq. ft. concrete sidewalk;
- (6) 12 each corr. metal pipe em-

	(A)	(B)	(C)
(1)	\$.75	\$.60	
(1a)	.0125	.024	
(2)	.50	.36	
(3)	4.25	4.20	
(4)	.60	.54	
(5)	.14	.144	
(6)	35.00	2.50	
(7)	2.50	6.00	
(8)	2000.00	2250.00	

- bankment protectors;
- (7) 19 each concrete lighting standards;
- (8) lump sum, electrical work.

Total bids follow:

- (A) Pacific States Constr. Co., San Francisco, \$16,458.00.
- (B) Eaton & Smith, \$18,702.80.
- (C) A. G. Ralsch, \$17,876.00.
- (D) Charles L. Harney, \$17,888.00.
- (E) Lowrie Paving Co., Inc., \$17,916.00.
- (F) Pacific Pavements Co., Ltd., \$18,487.00.
- (G) Fay Improvement Co., \$18,746-75.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
1.00	\$ 1.00	\$.80	\$ 1.00	\$.80	\$ 1.00	\$ 1.00	\$ 1.00
(1a)	.02	.01	.02	.01	.02	.02	.01
(2)	.30	.45	.35	.45	.35	.45	.75
(3)	4.40	4.70	4.25	4.45	4.60		
(4)	.67	.85	.81	.60	.80		
(5)	.16	.14	.20	.14	.16		
(6)	40.00	50.00	50.00	60.00	60.00		
(7)	3.00	5.00	3.00	1.00	2.25		
(8)	2022.00	1900.00	2474.00	2000.00	2022.00		

ORANGE COUNTY—GRADING & PAVING—(STATE)

ORANGE COUNTY, Calif.—V. R. Dennis Const. Co., P. O. Box F, Sta. A, San Diego, at \$135,054.10, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete and constructing bank protection work between Sulphur Slide and Riverside county line, Orange County.

Work involves:

- (1) 1200 M. gals. water;
- (2) 25 c.y. remove concrete;
- (3) 90,000 c.y. rdwy. excav., unclass
- (4) 5,000 c.y. ditch and channel excavation;
- (5) 5,000 c.y. structure excav.;
- (6) 2,500 c.y. preparing subgrade;
- (7) 60 sta. yds. finishing rdwy.;
- (8) 3 tons liq. asphalt SC-2 (prime coat);
- (9) 330 tons of mineral aggregates (plant mix surfacing);
- (10) 18 tons liquid asph. SC-2 (plant mix surfacing);
- (11) 500 c.y. Class A Portland cement concrete pavement;
- (12) 1,000 each pavement dowels;
- (13) 13,000 lbs. bar reinf. steel;
- (14) 1,330 lbs. mesh reinforcement;
- (15) 110 c.y. of Clas A Portland cement concrete (struc.).

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.50	\$1.00	\$1.40	\$1.20	\$1.50	\$1.50	\$1.25
(2)	2.50	3.00	2.00	4.00	5.00	2.50	6.00
(3)	.36	.40	.45	.40	.38	.60	.615
(4)	.20	.30	.34	.50	.65	.40	.40
(5)	.30	.80	.93	1.20	1.30	60	1.90
(6)	.12	.14	.12	.15	.15	.10	.10
(7)	10.00	10.00	6.00	5.00	7.00	6.00	10.00
(8)	30.00	15.00	24.00	15.00	15.00	30.00	10.00
(9)	2.75	3.50	3.40	3.00	2.50	3.00	2.50
(10)	15.00	10.00	7.00	8.00	8.00	8.00	15.00
(11)	9.20	9.00	7.50	10.00	9.00	7.50	9.00
(12)	.14	.20	.13	.15	.15	.12	.15
(13)	.05	.06	.064	.06	.05	.06	.06
(14)	.32	.35	.32	.30	.50	.30	.18
(15)	18.00	20.00	21.40	25.00	23.06	30.00	18.20
(16)	10.50	12.00	12.20	15.00	13.00	12.00	10.50
(17)	40.00	35.00	38.60	40.00	32.00	56.00	54.40
(18)	2.40	3.00	2.60	3.50	4.00	2.50	3.20
(19)	1.00	.80	1.10	1.00	1.00	1.20	.94
(20)	2.80	2.30	2.80	2.60	2.50	2.75	2.76
(21)	3.50	3.30	2.50	3.50	3.25	3.20	3.50
(22)	5.50	4.10	5.20	5.00	5.50	5.00	5.35
(23)	6.50	5.00	6.22	7.00	6.50	6.00	6.74
(24)	15.00	15.00	17.00	15.00	15.00	15.00	15.30
(25)	2.50	2.00	3.00	3.00	2.50	2.50	2.50
(26)	25.00	22.00	36.00	50.00	32.00	30.00	32.50
(27)	14.00	8.00	11.90	45.00	23.00	16.00	15.27
(28)	8.20	8.50	8.90	9.00	12.50	8.00	10.55
(29)	12.90	11.00	13.90	15.00	17.50	12.50	16.07
(30)	3.40	3.50	4.65	6.00	5.50	10.00	6.35

- (16) 240 c.y. do (slope pavement);
- (17) 500 lf. cutoff wall steel sheet piling;
- (18) 3300 tons heavy riprap;
- (19) 60 lf. 8-in. CMP;
- (20) 300 lf. 24-inch CMP;
- (21) 130 lf. 30-inch CMP;
- (22) 110 lf. 36-inch CMP;
- (23) 24 lf. 42-inch CMP;
- (24) 2 each spillway assemblies;
- (25) 15 each culvert markers;
- (26) 52 each rod anchor cutoff wall;
- (27) 270 each cable anchor protection fence;
- (28) 2150 lf. double rail wire protection fence;
- (29) 2500 lf. triple rail wire protection fence;
- (30) 175 lf. rail and wire groynes.

Total bids follow:

- (A) V. R. Dennis Const. Co., San Diego, \$135,054.10.
- (B) United Concrete Pipe Corp., Los Angeles, \$138,670.00.
- (C) Griffith Co., Los Angeles, \$150,276.15.
- (D) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$171,361.00.
- (E) Heuser and Garnett, Glendale, \$173,471.50.
- (F) Oswald Bros., Los Angeles, \$174,960.00.
- (G) Johnston & Percallo, \$195,186.81.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.50	\$1.00	\$1.40	\$1.20	\$1.50	\$1.50	\$1.25
(2)	2.50	3.00	2.00	4.00	5.00	2.50	6.00
(3)	.36	.40	.45	.40	.38	.60	.615
(4)	.20	.30	.34	.50	.65	.40	.40
(5)	.30	.80	.93	1.20	1.30	60	1.90
(6)	.12	.14	.12	.15	.15	.10	.10
(7)	10.00	10.00	6.00	5.00	7.00	6.00	10.00
(8)	30.00	15.00	24.00	15.00	15.00	30.00	10.00
(9)	2.75	3.50	3.40	3.00	2.50	3.00	2.50
(10)	15.00	10.00	7.00	8.00	8.00	8.00	15.00
(11)	9.20	9.00	7.50	10.00	9.00	7.50	9.00
(12)	.14	.20	.13	.15	.15	.12	.15
(13)	.05	.06	.064	.06	.05	.06	.06
(14)	.32	.35	.32	.30	.50	.30	.18
(15)	18.00	20.00	21.40	25.00	23.06	30.00	18.20
(16)	10.50	12.00	12.20	15.00	13.00	12.00	10.50
(17)	40.00	35.00	38.60	40.00	32.00	56.00	54.40
(18)	2.40	3.00	2.60	3.50	4.00	2.50	3.20
(19)	1.00	.80	1.10	1.00	1.00	1.20	.94
(20)	2.80	2.30	2.80	2.60	2.50	2.75	2.76
(21)	3.50	3.30	2.50	3.50	3.25	3.20	3.50
(22)	5.50	4.10	5.20	5.00	5.50	5.00	5.35
(23)	6.50	5.00	6.22	7.00	6.50	6.00	6.74
(24)	15.00	15.00	17.00	15.00	15.00	15.00	15.30
(25)	2.50	2.00	3.00	3.00	2.50	2.50	2.50
(26)	25.00	22.00	36.00	50.00	32.00	30.00	32.50
(27)	14.00	8.00	11.90	45.00	23.00	16.00	15.27
(28)	8.20	8.50	8.90	9.00	12.50	8.00	10.55
(29)	12.90	11.00	13.90	15.00	17.50	12.50	16.07
(30)	3.40	3.50	4.65	6.00	5.50	10.00	6.35

BIDS WANTED

SAN FRANCISCO.—Until Nov. 23, 3.00 P. M. bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W.D. 191, for the laying of 6-inch and 8-inch cast iron mains in Maconic Avenue and Ewing Terrace, San Francisco.

Work involves:

- (1) 1945 lf. excavation and backfill for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;
- (2) 10 c.y. additional excavation & backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 1390 lf. 6-inch bolted joint cast iron pipe;
 - (b) 555 lf. 8-inch bell and spigot cast iron pipe;
- (5) 4400 lbs. installing of fittings, gate valves, etc.
- (6) 83 lf. bell and spigot joints for pipe and fittings;
- (6a) 235 bolted points for 6-inch cast iron pipe;
- (7) Repavement:
 - (a) 100 sq. ft. street pavement;
 - (b) 100 sq. ft. sidewalk pave.;
- (8) 89 $\frac{3}{4}$ -inch screw taps installed;
- (9) 1430 lin. ft. $\frac{3}{4}$ -inch copper service pipe installed.
- (10) Furnishing cast iron pipe—Class 150:
 - (a) 1390 lf. 6-inch bolted joint pipe at \$0.75 per lf.;
 - (b) 555 lf. 8-inch bell and spigot cast iron pipe at \$1.10 per lin. ft.
- (11) Furnishing bell end gate valves:
 - (a) Three 4-inch valves at \$12 each;
 - (b) Three 6-inch valves at \$17 each;
 - (c) Two 8-inch valves at \$22.50 each;
- (12) 2800 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
- (13) 290 lbs. steel band and bolts at \$0.05 per lb.;
- (14) 1430 lf. $\frac{3}{4}$ -inch corner service pipe at \$0.17 per lf.
- (15) Lump sum, furnishing $\frac{3}{4}$ -inch fittings for service \$120;
- (16) Lump sum, engineering and supervision at \$50;
- (17) Lump sum, connections at \$120.

Plans and specifications may be obtained at the cashier's office, 6th floor, S. F. Water Department Bldg., 425 Mason St., San Francisco, upon deposit of \$5.00.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

LOS ANGELES, Calif.—Peter S. Tomich, 3053 Carlyle St., L. A., at \$29,150.65, submitted low bid to the L. A. Board of Public Works, for construction of sanitary sewer in Vantage Ave., between Cantura St. and Laurel Terrace Dr., under the 1911 Act.

Complete bids follow:

Peter S. Tomich	\$29,150.65
Sitalo & Ramljak	29,894.50
J. J. Kruly	30,392.82
Culjak & Zelko	31,625.29
VCK Constr. Co.	32,743.25
Artukovich Bros.	33,897.53
Radich & Brown	34,847.69
Teko & Bosnyak	36,136.90
Bebek & Brklich	36,356.35
S. M. Milovich	40,675.48

32

LOW BIDDER

PAKERSFIELD, Kern Co., Calif.—Griffith Co., 702 Los Angeles Railway Building, Los Angeles, at \$25,840, submitted low bid to the Ba-

kersfield City Council, V. Van Ripper, City Clerk, for the construction of sewers in Unit No. 1, Sanitary main sewer of the proposed sewer works improvement.

Complete bids will be published shortly. * 32

BIDS WANTED

BAKERSFIELD, Kern County, Calif.—Until Nov. 28, 5 P. M., bids will be received by the Bakersfield city council for the construction of Unit No. 2 of the PWA sewer project, financed by grant authorized Oct. 13. This consists of the construction of a sewage pumping station including structure and equipment, in accordance with plans prepared by J. Holfelder, city engineer, and Clyde C. Kennedy, San Francisco, consulting engineer. Specifications and plans may be obtained from the city engineer upon deposit of \$5, returnable. Bid bond or certified or cashier's check for 10%, must accompany each proposal. V. Van Ripper, city clerk.

BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Griffith Co., 502 Los Angeles Railway Building, Los Angeles, at \$25,840, submitted low bid to the Bakersfield City Council, V. Van Ripper, City Clerk, for the construction of

sewers in Unit No. 1, Sanitary main sewer of the proposed sewer works improvement.

Total bids follow:

Griffith Co.	\$25,840.00
Culiak & Zelko	26,813.32
J. Jurkovich	28,026.00
Sutalo & Ramljak	39,359.00

33— WATER WORKS

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. '6, 8:15 P. M., bids will be received by the Sacramento City Council, H. D. Denton, City Clerk, City Hall, for construction of an elevated storage tank. Estimated cost \$180,000.

Plans and specifications may be obtained from the above office upon the deposit of \$25. * 33

CONTRACT AWARDED

CAMARILLO, Ventura Co., Calif.—C. R. Butterfield and Kennedy Co., 1401 N. Gaffey Street, San Pedro, at \$12,253 awarded contract by the State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento, for the completion of Flood Damage repair, Calleguas Creek, Camarillo State Hospital, consisting of repairs to the banks of Calleguas Creek, the placing of bank protection and construction of embankments. * 33

34— PARKS AND PLAY-GROUNDS

November 14, 1938

BIDS REJECTED

PORTLAND, Ore.—Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids for landscape work at the U. S. P. O., East Portland Branch, Portland.

Previous low bid submitted by Rose City Landscape—Nursery Co, Portland, at \$2,290. 34

35— TUNNELS

BIDS WANTED

PROVO RIVER PROJECT, Utah.—Until Nov. 22, 10:00 A. M., new bids will be received by the U. S. Bureau of Reclamation, Provo, Utah, under Spec. No. 808, for the construction of the Olmsted and Alpine-Draper tunnels for the Salt Lake Aqueduct, Aqueduct division, Provo River Project, Utah.

Plans and specifications may be obtained from the above office and from the offices of the Bureau of Reclamation at Denver, Colo., and Washington, D. C. No charge to prospective bidders for copies of the specifications; to others \$1.00 per copy, not returnable.

(Continued on Page 31)

HAMILTON FIELD—RUNWAYS & DRAINAGE—(GOV'T)

HAMILTON FIELD, Marin Co., Calif.—N. M. Ball Sons, 852 Carmel Street, Albany, at \$317,700 submitted low bid to the Constructing Quartermaster, Major F. D. Jones, Q.M.C., Fort Mason, San Francisco, under Bid. No. W-6616-39-30, for construction runways and drainage at Hamilton Field.

Work involves:

- (1) Excavation, grading and backfilling, to construction paved runways (Paving Areas No. 1, 2, and 3), taxiway, and drainage system, including catchbasins, drainage lines and appurtenances, etc., complete;
- (2) Deduct, if Paving Area No. 2 including catchbasins and eight 8-inch drain lines at edges if paving is not constructed;
- (3) Deduct, if Paving Areas No. 3 including 8-inch and 10-inch drain lines at edges of pavement, are not constructed.
- (4) Unit prices:
 - (a) Earth excavation and grading (pavement), per cu. yd.
 - (b) Earth excavation, drainage and misc. structures, per cu. yd.

- (c) Borrow material in place, in runway and side fill, per cu. yd.
- (d) Crushed stone backfill for drainage trench, per cu. yd.
- (e) Sheeting ordered left in place, per M. ft. B.
- (f) Reinf. concrete paving (Straight 6-inch section), per sq. yd.
- (g) Reinf. concrete paving (8-6-8 section), per sq. yd.
- (h) 1:2: 4 mix concrete, including forms, excavating, etc., per cu. yd.
- (i) Catchbasin, 4 ft. depth, complete, each.
- (j) Welded wire fabric reinforcement in place, per lb.
- (k) Steel bar reinf. in place, per lb.
- (l) 3/4-inch expansion joint material, in place, per lin. ft.
- (m) Cold asphaltic surfacing, in place, per cu. yd.
- (n) Emulsified asphalt, base course, in place, per cu. yd.
- (o) Cast iron, frames and grates, per lb.
- (p) 8-inch drain tile, including excavation, laying tile and placing stone backfill, per lin. ft.
- (q) 10-inch drain tile, including ex-

- ca-vation, laying tile and placing stone backfill, per lin. ft.
- (r) 12-inch drain tile including excavation, laying tile and placing stone backfill, per lin. ft.
- (s) 15-inch do.
- (t) 12-inch sewer pipe, including excavation, placing and dirt backfill, per lin. ft.
- (u) 15-inch do.

Total bids follow:

- (A) N. M. Ball Sons, Albany, \$317,700.00.
- (B) Chas. L. Harney, S. F., \$333,500.00.
- (C) Union Paving Co., S. F., \$334,000.00.
- (D) Bodenhamer Constr. Co., Oakland, \$336,890.00.
- (E) Pacific States Constr. Co., S.F., \$337,700.00.
- (F) Fredericksen and Westbrook, Lower Lake, \$348,000.00.
- (G) MacDonald & Kahn Co., Ltd., San Francisco, \$389,000.00.
- (H) Eaton and Smith, S. F., \$409,746.00.
- (I) A. J. Raisch, S. F., \$419,364.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$317,700.00	\$333,500.00	\$334,000.00	\$336,890.00	\$337,770.00	\$348,000.00	\$389,000.00	\$409,746.00	\$419,364.00
(2)	18,000.00	16,000.00	16,000.00	19,000.00	20,000.00	130,000.00	16,900.00	30,388.00	20,075.00
(3)	121,000.00	100,000.00	90,000.00	120,000.00	129,000.00	21,000.00	95,700.00	152,083.00	156,880.00
(4a)	.20	.33	.29	.30	.25	.30	.20	.50	.38
(b)	.35	.70	.40	.25	.75	.50	.50	.50	1.05
(c)	.80	.65	.50	.85	.90	.80	1.25	1.00	.37
(d)	1.95	2.10	1.60	2.75	2.25	2.00	2.00	3.00	3.10
(e)	60.00	20.00	25.00	25.00	30.00	60.00	20.00	20.00	30.00
(f)	1.60	1.47	1.59	1.35	1.69	1.25	2.00	1.64	2.19
(g)	1.70	1.50	1.80	1.40	1.75	1.25	2.20	1.75	2.42
(h)	14.00	20.00	9.00	30.00	25.00	8.00	16.00	12.00	13.08
(i)	50.00	85.00	70.00	100.00	60.00	50.00	100.00	75.00	66.60
(j)	.05	.04	.05	.05	.05	.04	.045	.045	.04
(k)	.05	.04	.04	.06	.05	.04	.035	.035	.05
(l)	.13	.11	.10	.12	.11	.11	.09	.11	.10
(m)	8.00	7.00	8.00	8.00	8.00	9.00	6.00	9.00	9.70
(n)	7.60	6.50	6.00	8.00	8.00	8.00	6.00	9.00	9.12
(o)	.10	.06	.10	.10	.05	.25	.10	.06	.11
(p)	.93	.65	.80	.78	.55	1.00	.66	1.05	1.34
(q)	1.06	.75	.90	.90	.66	1.20	.76	1.15	1.53
(r)	1.20	.90	1.00	1.00	.82	1.40	.88	1.25	1.61
(s)	1.49	1.50	1.20	1.20	1.30	1.60	1.20	2.00	3.05
(t)	1.20	1.20	1.00	1.00	1.20	1.00	1.20	1.50	3.80
(u)	1.45	1.60	1.50	1.40	1.50	1.25	1.50	2.00	4.60

MACHINERY & MATERIAL

Big calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Nov. 25, 3:00 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Room 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-120, for furnishing and delivering (1) 120 feet of 24-inch diameter by 1/2-inch thick soil-purified steel pipe; and (2) one 24-inch cast steel flap gate; f.o.b. Yuba City.

FORT MASON, Calif.—Until Nov. 26, 3:00 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-154, for furnishing 2 fuel oil cleaners, filter type; f.o.b. New York General Depot, Brooklyn, N. Y. and San Francisco General Depot, Fort Mason.

SACRAMENTO, Calif.—Until Nov. 22, 3:00 P. M., bids will be rejected by the U. S. Engineer Office, Col. I. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-118, for steel pipe; f.o.b. Rio Vista, Calif.

SAN FRANCISCO, Calif.—Until Nov. 23, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 885-39-148, for rental of transit for three months; f.o.b. Custom House, S. F.

SAN FRANCISCO CITY

SAN FRANCISCO—Until Nov. 25, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2111 for furnishing one double tilting circular saw table for the School Department.

Plans and specifications available from above office.

SAN FRANCISCO—Until Nov. 25, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2113 for furnishing track bolts and spikes for the Municipal Railway.

Plans and specifications available from above office.

SAN FRANCISCO—Until Dec. 5, 1938, 10:00 A. M., bids will be received by Leslie S. Williams, Capt., Q.M. Corps, Quartermaster, Letterman General Hospital, San Francisco, under Bid No. 486-39-7, for certain cubicle screening outfit, complete; f.o.b. above office.

SAN FRANCISCO—Until Nov. 21, 1938, 3:00 P. M., bids will be received by the Division Engineer, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 414-39-47, for furnishing 78,000 gallons of liquid emulsified asphalt, and 11,000 gallons of emulsified asphalt with mineral fiber and filler and of a troweling consistency; f.o.b. San Francisco Bay area.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until Nov. 28, 2:00 P. M., bids will be received by Metropolitan Water District, L.A., for 35,000 bbls. sulphate-resistant Portland cement; f.o.b. bidder's plant. Spec. 296. Certified or cashier's check 10%, must accompany bid.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and materials, as follows:

SCH. 4869: Bits, wood borings, chisels and knives for eastern and western yards, Nov. 29.

SCH. 4891: Capacitors for Brooklyn and Mare Island, Nov. 22.

SCH. 4897: Steel plates, sheets and strips for Boston, Charleston and Puget Sound, Nov. 25.

SCH. 4892: Steel plates, sheets and strips for Portsmouth and Mare Island, Nov. 22.

SCH. 4893: Steel, angles and shapes for Portsmouth and Mare Island, Nov. 22.

SCH. 4894: Steel bars, flat for Portsmouth and Mare Island, Nov. 22.

SCH. 4874: Motor-driven thread grinder for Puget Sound, Nov. 29.

SCH. 4875: Motor-driven vertical milling machine for Mare Island, Nov. 29.

SCH. 4900: Steel shapes for Boston, Charleston and Puget Sound, Nov. 25.

SCH. 4918: 26 steel mooring buoys for eastern and western yards, Nov. 29.

SCH. 4898: Wrenches for eastern and western yards, Dec. 6.

SCH. 4876: 1 motor-in-head type planer and matcher, 1 set of knives, 1 set of tools and wrenches for eastern or western yards, Dec. 2.

SCH. 4886: 12,000 lbs. technical phenol, 6,000 lbs. lead-acetate, 10,000 lbs. paris green, 10,000 lbs. dry chrome yellow, 20,000 lbs. dry cuprous-oxide and 10,000 lbs. dry mercuric-oxide for Mare Island, Dec. 2.

SCH. 4901: 2500 practice bombs for Washington and Mare Island, Dec. 6.

SCH. 4933: 2 water cooling plants and spares for San Pedro, Nov. 18.

CANAL ZONE

PANAMA CANAL—Until Nov. 28, 10:30 A. M., bids will be received by the General Purchasing Office, H. A. A. Smith, Washington, D. C., under Sch. 3397, for furnishing misc. supplies and materials, including:

Concrete-reinforcement bars, steel, copper, brass, zinc, railway tie plates, revolving bins and shelving, copper pipe and tubing, brass pipe, cast-iron water-pipe fittings, steel conduit and conduit elbows, wire rope, seizing strand, electrical cable, vee-belt drive, garage cranes, sewage pumping unit, hand trench pumps, valve units, distribution-type

transformers, insulators, nails, outlet boxes and covers, manila rope, hose and lumber; f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco, Calif.

SAN FRANCISCO CITY

SAN FRANCISCO—Until Nov. 25, 1938, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, S. F., under Bid No. 2117, for carpet and lining.

Specifications may be obtained from the above office.

TUNNELS

BIDS OPENED

SAN FRANCISCO—R. G. Clifford, 215 Market St., S. F., at \$37,610, submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19, 160, for construction of drain tunnel and shafts for Parker Avenue Slide. Estimated cost \$52,000.

- (1) 350 l.f. drain tunnel;
- (2) 20 l.f. manhole (deep shaft);
- (3) 420 l.f. 4-ft. drain shaft;
- (4) 130 l.f. 8-inch drill hole cased;
- (5) 2 each standard manhole;
- (6) 200 l.f. 12-inch VC pipe, complete in place;
- (7) no item 7;
- (8) 80 c.v. dump excav.;
- (9) 100 l.f. wood fence;
- (10) 1.5 MBM timber bulkheads;
- (11) 2 each traffic signs;
- (12) 6 each warning signs.

Total bids follow:

- (A) R. G. Clifford, S. F., \$37,610.00.
- (B) E. T. Lesure, Oakland, \$39,105.00.
- (C) Eaton & Smith, S. F., \$47,895.00.
- (D) Fred J. Early, Jr., S. F., \$49,875.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 70.00	\$ 76.00	\$100.00	\$108.00
(2)	25.00	60.00	25.00	35.00
(3)	22.00	20.00	23.00	21.00
(4)	3.00	6.00	4.50	4.00
(5)	125.00	150.00	100.00	100.00
(6)	10.00	5.00	7.50	10.00
(7)	—	—	—	—
(8)	3.00	4.00	2.00	3.00
(9)	1.25	2.00	1.00	5.00
(10)	150.00	150.00	100.00	100.00
(11)	25.00	10.00	5.00	10.00
(12)	15.00	10.00	5.00	10.00

35

ALAMEDA COUNTY PERMITS UNDER \$1000

ALTER, \$150; 2706 Parker, Berkeley; owner, H. B. Rnler, 2709 Parker; contractor, W. P. Seeger, 2163 Center.

RE-ROOF, \$270; 2215 Durant; owner, Mrs. F. J. Solinsky, 2215 Durant; contractor, W. Mork, 1814 San Pablo.

RE-ROOF, \$368; 1329 Arch, Berkeley; owner, S. Amer, 1320 Bayview; contractor, W. Mork, 1814 San Pablo.

RE-ROOF, \$135; 1629 Harmon; owner, W. Raymond, 1629 Harmon; contractor, W. Mork Co., 1814 San Pablo.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTION

CONSOLIDATED WITH

Building and Engineering News

SAN FRANCISCO
PUBLIC LIBRARY
PERIODICAL DEPT.

IN THIS ISSUE



Building Contractors Meet
December 2

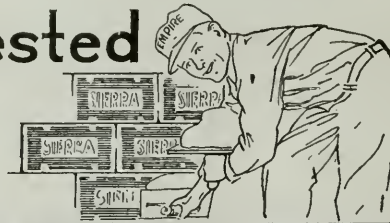


L. A. Firm Bids \$178,460 on Overpass



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company

465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., NOVEMBER 26, 1938

No. 48

PARK PRESIDIO PAVING PROJECT BIDS SCHEDULED

\$129,000 Street Job Advertised; Monson Bros Low On Auditorium

Monson Brothers, San Francisco at \$53,790, Wednesday submitted the low bid to Director A. D. Wilder of the Department of Public Works for general construction of the Portola Junior High School auditorium.

Scott Company, at \$3,766, submitted the low proposal on the mechanical and plumbing work contract; and Crown Electric Company, at \$4,994, was the low bidder on the electrical work.

Meanwhile Director Wilder issued a call for bids, to be opened December 14, for the improvement of Park-Presidio boulevard between Fulton street and the Presidio Military Reserve.

The work is estimated to cost \$129,000, according to City Engineer John J. Casey.

Plans for the work have been approved by PWA officials, and PWA regulations will be complied with in order to take advantage of an allotment, if one is forthcoming. An application for a grant was filed earlier this year with Federal officials.

Principal items in the job include 11,260 cubic yards of excavation; 233,000 square feet of 8-inch asphalt-concrete pavement; 25,200 sq. ft. of 6-inch asphalt-concrete pavement; and 9,750 square feet of 2-course concrete sidewalk.

Park-Presidio boulevard will be widened from fifty to fifty-five feet and a dividing line constructed to provide two 24-foot lanes. Asphalt concrete pavement will replace oil macadam surfacing.

Complete total bids on the contract for general construction of the Portola Junior High School auditorium follow: Monson Brothers, \$53,790; De Luca and Son, Inc., \$57,192; Anderson and Ringrose, \$58,000; Central California Construction Co., \$62,777.

The Fay Improvement Company, at \$7,813.80 submitted the low bid for the improvement of LaSalle avenue between Mendell and Third

DINWIDDIE BIDS BERKELEY HALL

Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco, Wednesday submitted the lowest of four bids to the Berkeley city council for construction of the Berkeley Hall of Justice and police headquarters, with a total over-all proposal of \$268,000.

Second low bidder was K. E. Parker Co., San Francisco, at \$275,450. Two other bids were received. They were: C. L. Wold Construction Co., San Francisco, \$292,639; and F. C. Stolte Co., Alameda, \$298,000. (Complete bids with unit prices and alternates appear in Advance Report section today.)

INDUSTRIAL LIGHTING STUDIES PUBLISHED

The publication of the RLM Standards Institute's work on Industrial Light Conditioning is announced by the RLM Standards Institute, 20 North Wacker Drive, Chicago.

In preparation for over a year, "The Meaning of the RLM Label" is a factual exposition of the principles of modern industrial light conditioning, according to the Institute. Its purpose is to provide the purchaser of lighting reflectors with the basic factors of industrial lighting and the standards of efficiency, design and quality of the various lighting reflectors.

Other bidders were: Eaton & Smith, \$8,635.90; Chas. L. Harney, \$8,770.40; and A. G. Raisch, \$10,943.30.

The San Francisco Public Utilities Commission opened bids for laying mains in Masonic avenue and Ewing terrace. E. J. Treacy at \$3777.60 submitted the low bid.

In addition, bids were opened for construction of a signal tower for the Bay Bridge Terminal Loop by the Commission. The Department of Public Works opened bids for construction of Gate Lodges at San Francisco Hospital. Miller Construction Company, at \$9,523, submitted the low proposal.

L. A. BIDDER LOWEST OF 12 FOR OVERPASS

Piazza & Huntley Bid State Grading in Tulare County

SACRAMENTO, Nov. 24. — The United Concrete Pipe Corporation, Los Angeles, at \$178,460.70 yesterday submitted the low bid to the State Division of Highways for construction of an overhead crossing over the tracks of the A. T. & S. F. railway at Oak street in Bakersfield.

The overhead will consist of one 80-foot, one 68-foot, and seventeen 45-foot steel girder spans with reinforced concrete deck supported on concrete bents on treated timber piles. Approximately 0.44 mile of paving is involved, also.

Earl W. Heple, at \$179,498, submitted the second lowest proposal, followed by Griffith Company, at \$179,670. Other bidders included: Union Paving Company, \$183,431; Heafey-Moore and Fredrickson & Watson Construction Co., \$183,500; J. F. Knapp, \$189,890; White and Wilberg, \$189,969; Gibbons & Reed Company, \$193,285; Vincent and Pringle, \$195,749; Oscar Oberg, \$197,935; M. B. McGowan, Inc., \$209,528; and J. H. Pomeroy and Company, \$211,016.

Tulare Grading

Piazza & Huntley, at \$58,734.15 submitted the low bid on the only other contract for which bids were opened today—involving about 2.7 miles of grading and surfacing with plant-mixed surfacing between Exeter and Venida Substation in Tulare county.

Other bidders included: Oilfields Trucking Company, \$62,568; Larson Brothers and Harms Brothers, \$63,818; Union Paving Co., \$64,332; and Pacific States Construction Company, \$67,686. Eight firms submitted bids.

Shipments of distillate oil burners for the first nine months of 1938 amounted to 214,749 units, as compared to shipments totaling 296,125 units during the same period in 1937, the Bureau of Census announces.

Sixth of Big Boulder Generators Ready For Service; Two More Due in Next Year

Secretary of the Interior Harold L. Ickes this week advised the City of Los Angeles that the sixth of the large generators at Boulder Dam was installed and ready for operation.

This is the second generator of 82,500 kilovolt-ampere capacity to be placed in service this year, since N-5 began operation in July and was placed in steady service November 4.

The first of the great generators in the Boulder plant began steady operations on October 22, 1936; the second December 1, 1936; the third on December 28, 1936; and the fourth February 12, 1937.

In addition to the six great generators, a seventh generator of 40,000 k.v.a. capacity, which is as large as any other in the world outside those at the Boulder plant, has been installed and is in operation.

Between the time the first power was produced and the first of October this year, the output of power from the Boulder plant had been sold for a total of \$3,493,380. To that time an additional \$1,087,562 had been returned to the Federal Treasury as payment by the power purchasers on the power plant machinery and equipment.

Two more of the generators are now being manufactured and should be ready for operation next year.

When the installation is complete, it will include 15 of the large and two of the smaller generators with a combined capacity of 1,835,000 horsepower.

Firm power at Boulder is sold at 1.63 mills per kilowatt hour measured in falling water, while secondary power is sold at half a mill. Contracts for the sale of the power are expected to return the cost of Boulder Dam, with interest at 4 per cent, in fifty years.

Since the power is sold as falling water, the purchasers are required to operate and maintain the generating equipment. The City of Los Angeles operates the six big generators, although the latter two are for the use of the Metropolitan Water District of Southern California. While the purchasers are required to pay for the generating units, title to these remain in the United States.

SEALAIR BULLETINS ISSUED BY KAWNEER

Two new six-page folders containing illustrations, details and facts of the new Sealair, Series 120 and Series 220, are announced by the Kawneer Company, Niles, Michigan. Copies may be obtained without charge upon application to the company at the above address.

Series 120 Kawneer Sealair windows are double-hung windows, built of aluminum or bronze furnished in stock and standard sizes, completely assembled at the factory.

THOMPSON BIDS PROVO TUNNELS

PROVO, Utah, Nov. 22.—Geo. K. Thompson Co., Los Angeles, today submitted low bid to the U. S. Bureau of Reclamation here for construction of the Olmstead and Alpine-Draper tunnels for the Salt Lake Aqueduct of the Provo River Project. Amount of the Southern California contractor's low proposals were Schedule 1, \$129,087; Schedule 2, \$130,455; Schedule 3, \$617,448; Schedule 4, \$625,888.

R. G. Clifford, San Francisco, on combinations of Schedules 1 and 3 and 2 and 4 submitted what apparently was the second lowest possible combination.

Northwest Lumber Bookings Reflect Seasonal Decline

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending November 12, produced 77,829,979 board feet of lumber. The decrease from the previous week was due largely to the Armistice Day holiday. At the rate of cutting at the reporting mills, the entire industry produced 49.7 per cent of its average weekly cut during 1927-1929.

The new business reported taken by the 151 mills was 80,180,519 board feet. Shipments were 73,967,649.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	31,372,751	31,553,360
Domestic		
Cargo	34,895,690	31,583,689
Export	6,543,000	3,461,522
Local	7,369,078	7,369,078
	80,180,519	73,967,649

The unfiled order file at these mills stood at 246,360,818 board feet.

Reflecting the usual seasonal decline, production, orders and shipments all were lower than in the preceding week.

CENTRAL CALIF. A.G.C. CHAPTER MEETING DEC. 2

Plans for Annual Dinner, Show At Sir Francis Drake Near Completion

The Annual Dinner and Show of Central California Chapter of the Associated General Contractors of America, Inc., will be held on Friday evening, December 2, 1938, in the Franciscan Room of the Sir Francis Drake Hotel.

Builders from all over Northern California are expected to be in attendance. Leading subcontractors are being invited to attend. Large material and supply firms are Associate Members of the Chapter and will also be present by strong representation.

President Harry H. Hilp has appointed the following to serve as the Banquet Committee: W. C. Tait, Chairman; Robert L. Dohrmann, Louis C. Dunn, Don Early D. N. Edwards, Reuben Irwin, C. J. Lindgren, W. E. Lyons, E. W. Paddock, Van W. Rosendahl, Carroll Stephens, O. C. Tretten, Clark E. Wayland, and R. Walberg. This committee has been holding regular meetings for some weeks past and plans to give a larger and more elaborate entertainment than ever before.

W. C. Tait, Chairman of the Committee, states "The committee has engaged some special talent for this occasion and we plan to give all the men present a real, good time. Speeches will be few and short—entertainment will be long and good".

Wm. E. Hague, Secretary-Manager of the Chapter, reports reservations for tickets are coming in in large numbers. Accommodation are limited and those applying first will be first accommodated.

Acetylene Conclave Slated for March

The thirty-ninth convention of International Acetylene Association will be held in Houston, Texas on March 8, 9 and 10, it is announced. Headquarters will be at the Rice Hotel.

The choice of Houston as the convention city of the Association came as a result of the successful convention in Birmingham which prompted many members to request a visit to the Southwest.

An interesting technical program covering the most important developments in the application of the oxy-acetylene process of welding and cutting is in preparation according to officials.

Shipments of oil burners during September, 1938, amounted to 26,405, as compared to shipments totaling 15,373 during August, 1938 the Bureau of Census announces.

CLARK TO TAKE STATE POSITION AT YEAR'S END

Olson Picks L. A. Man to Succeed Kelly as Director of Public Works

Frank W. Clark, president of the Ruth Dredger Manufacturing Corporation of Los Angeles, will succeed Earl Lee Kelly as director of the State Department of Public Works January 1, it was announced yesterday in Sacramento.

Mr. Kelly last week submitted his resignation to Governor Frank L. Merriam, requesting that he be allowed to leave his post Dec. 31.

Appointment of Mr. Clark to succeed Mr. Kelly in the important post was made by Governor-elect Hulvert L. Olson, press advices from Sacramento stated.

Mr. Clark, who is also general manager of a Los Angeles rock products firm, plans to resign his present positions to take over the state post, it was announced. He has not previously held public office.

The statement of the Governor-elect in announcing appointment of Mr. Clark follows:

"I have been personally acquainted with Mr. Clark for about fifteen years. He had had years of experience in and is familiar with all phases of construction work, including highway and road building, dam and levee construction, public buildings, and all forms of flood control, irrigation and drainage work.

"He is familiar with the problems, both physical and financial, of all of California's irrigation districts now in great need of constructive services."

Reinforcing Spiral Stand. Reaffirmed

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R53-32, Steel Reinforcing Spirals, has been reviewed by the sponsoring organization, the Concrete Reinforcing Steel Institute, and reaffirmed without change.

This recommendation, which establishes a recommended list of 4 sizes of steel spiral rods, represents a variety reduction of about 43 per cent. It became effective in 1927, was reaffirmed in 1930, and revised in 1932.

Copies of the recommendation may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

Lake Mead Water Released to Test Aqueduct Sections

Release of water from Lake Mead to fill the 510,000 acre-foot reservoir at Parker Dam, 155 miles below Boulder Dam on the Colorado river, has just been completed, John C. Page, Commissioner, Bureau of Reclamation, reported Saturday to Secretary of the Interior, Harold L. Ickes.

In addition to the regular releases for irrigation needs on the Yuma Federal Reclamation Project in Arizona and the Imperial Valley and other areas in California, from October 13 until now from 10,000 to 16,000 acre-feet of water daily were turned through the outlets of Boulder Dam to fill the reservoir at Parker Dam.

The purpose of filling the reservoir at Parker Dam at this time was to make it possible for the Metropolitan Water District of Southern California to test the pumps and reservoirs along its aqueduct line. These tests are now being begun with the aid of power from Boulder Dam Power Plant.

Parker Dam, recently finished by the Bureau of Reclamation, was built with funds advanced by the Metropolitan Water District. It will serve to re-regulate the Colorado River below Boulder Dam and to pond water at the first pumping plant of the Metropolitan Water District at the head of the aqueduct.

The aqueduct of the Metropolitan Water District, composed of thirteen cities in the vicinity of Los Angeles on the coast of Southern California, is nearing completion. It will carry water from the Colorado River a distance of about 250 miles for domestic supply. The water district is a major purchaser of Boulder power. It also buys its water, paying the Boulder Canyon Project Fund 25 cents an acre-foot for that used. The ultimate capacity of the aqueduct will be 1,500 second feet, or a million gallons a day.

Lake Mead today contains 22,609,000 acre-feet of water, a reduction from the high point this year of 23,185,000 acre-feet. This reduction in storage represents a drop in the elevation of the water surface of slightly more than four feet from the all-time high.

The great floods of the Colorado, which occur in May or June each year with the melting of snow in the Rocky Mountains, cause the lake to rise rapidly for a few weeks. During the remainder of the year the inflow and the outflow of Lake Mead either just about offset each other, or the water surface slowly declines as irrigation demands downstream exceed the natural flow of the river above the headwaters of the lake.

ALLOTMENTS TO 11 CALIFORNIA JOBS ANNOUNCED

Eureka Gets \$69,545 Toward Cost of \$154,545 School Project

Public Works Administrator Harold L. Ickes last week released an additional \$923,113 worth of new construction for California and Utah under the 1939 Federal Public Works Administration program, it was announced by J. W. Bourmier, Acting Regional Director. This boosts the total value of the current PWA public construction in this region to \$73,823,483.

In the new allotments eleven California communities were given outright grants aggregating \$374,040, assuring that many more projects at a total cost of \$826,207. Three Utah communities were granted \$43,648, clearing the way for additional improvements to cost \$96,906.

The two largest California grants went to the school districts of Santa Paula and Eureka. The former received \$69,850 for the rehabilitation of five school buildings at a total cost of \$160,224, and the latter was given \$69,545 with which to build a new \$154,545 shop building and to equip it.

Bakersfield was granted \$54,000 to build a \$120,000 fire station building. The Patterson Union High School District received a grant of \$45,000 with which to build a new \$100,000 school building. Laguna Beach was given \$39,947 to build extensions to its waterworks system at a total cost of \$88,771.

The other California grants were Wasco, granted \$37,755 for an \$83,900 school building;

Port Chicago, granted \$18,810 for additions to its present school building at a total cost of \$41,800;

Ukiah, granted \$13,685 for a \$30,411 suspension bridge;

Dixon, granted \$11,250 for a \$25,000 exhibit building;

Napa, granted \$7,650 for a \$17,000 sewer pipe line; and

Vernon, granted \$6,550 for street paving to cost a total of \$14,556.

In Utah, Tremonton received the largest grant of the day, \$29,018 with which to extend its waterworks system at a total cost of \$64,485.

Logan, Utah, was given \$7,691 for fire station improvements, and Provo received \$6,939 for waterworks pipe lines to cost a total of \$15,421.

Factory sales of mechanical stokers during Sept., 1938, amounted to 20,452 units, as compared to sales totaling 19,193 units during September, 1937, the Bureau of Census announces.

October U. S. Building Level Continues Over 1937 for Fourth Successive Month

Although down slightly from the heavy volume of the three preceding months, contemplated expenditures for building construction during October continued at a higher level than a year ago for the fourth successive month. Total volume of permits issued last month for 215 cities of the United States amounted to \$97,119,919, according to Dun & Bradstreet, Inc. This was only 4.6 per cent less than the September valuation of \$101,801,460, but marked a gain of 7.1 per cent from the \$90,712,493 for October, last year.

New York permit costs during October aggregated \$20,089,367, as against \$24,045,467 in the month preceding and \$30,051,768 for the comparative 1937 month. This represented declines of 16.5 and 33.2 per cent respectively. Outside of New York the 214 cities furnished a total of \$77,022,552, against \$77,755,993 in September, giving a loss of 0.9 per cent, but it was 27.0 per cent larger than the October, 1937, figure of \$60,660,725.

Group totals of building permit values for 215 cities for October, this year and last as shown in the following table:

Geographical Group	October 1938	October 1937
New England	\$6,659,066	\$5,163,200
Middle Atlantic	29,910,915	39,918,498
South Atlantic	9,476,889	7,610,841
East Central	18,939,433	15,932,096
South Central	9,488,325	8,245,822
West Central	4,573,015	3,440,800
Mountain	2,043,857	1,530,036
Pacific	16,021,096	9,571,100

Total U. S.	\$97,119,919	\$90,712,493
New York City	\$20,089,367	\$30,051,768
Outside N.Y.C.	\$77,022,552	\$60,660,725

	Building Permit Values (Monthly) (215 Cities)	
	1938	1937
Jan.	\$146,866,125	\$68,512,318
Feb.	54,010,213	85,829,336
Mar.	76,598,907	121,118,706
Apr.	84,842,365	117,598,966
May	77,606,469	98,370,954
June	87,636,427	94,752,583
July	140,803,564	91,334,405
Aug.	101,024,415	87,581,238
Sept.	101,801,460	86,769,028
Oct.	97,119,919	90,712,493
Nov.		69,588,965
Dec.		118,743,015
Total	\$1,130,915,007	

The following table compares the permit value total at twenty leading cities for the first ten months of 1938 and 1937:

City	Ten Months	
	1938	1937
Los Angeles		
New York		
N. Y.	\$320,877,381	\$211,650,602
Los Angeles		
Cal.	57,798,957	55,864,137
Detroit		
Mich.	42,462,556	47,436,754
Washington		
D. C.	24,242,840	28,064,815
Houston		
Tex.	21,818,690	16,040,005

WILEY ISSUES SPECIAL WALL LAMP RULING

S. F. Electricity Dept. Chief Publishes Order on "Pin-It-Up" Type Lamp

Requirements for the construction and sale of "pin-it-up" types of wall lamps yesterday were issued by Chief Ralph W. Wiley of the San Francisco Department of Electricity.

Chief Wiley's statement follows: "In accordance with the provisions of Ordinance Nos. 11,114 and 9120, of the City and County of San Francisco, the "Pin-It-Up" type of wall lamps, consisting of an assembly of lampholder, lamp shade, wall mounting, and portable cord, and arranged for installation by hanging said assembly on a small hook pinned to the wall, or a similar hanging method, shall not be offered for sale, sold, or offered as a premium, unless said wall lamps are constructed of approved materials assembled in accordance with the following requirements:

"1. An approved type porcelain or bakelite type of lampholder shall be installed.

"2. Where the rubber covered cord conductors are continuous from the attachment plug cap to the lamp terminals of the fixture, the wiring at the lamp terminals shall be covered with a supplementary heat resisting covering to a point outside of the lamp receptacle enclosure; or approved type fixture wire shall be installed and spliced to the rubber covered portable conductors behind the wall mounting. Where splices are made in the back of the wall mounting, the back portion of the wall plate containing said splices shall be covered with approved non-combustible coverings.

"3. Where switches for the control of the lamp are installed in the wall plate or mounting, a lock washer shall be installed to prevent the switch from turning.

"4. The flexible cord supplying the fixture shall be secured to the back of the wall plate or provided with a stop, in order to prevent the portable cord from placing a strain on the switch wiring terminals.

"5. The portable cord shall enter the wall plate or mounting through an approved bushing or a hole having well smoothed and rounded edges to prevent abrasion of the portable conductors"

New orders for steel office furniture taken during September, 1938, amounted to \$1,629,963, as compared to orders totaling \$1,537,675 taken during August, 1938, the Bureau of Census announces.

Series 220 windows are complete, factory-fitted, and factory-assembled double-hung window units of all - aluminum construction. The sash are metal glazed.

Plans for German Exhibit Cancelled

Germany this week cancelled plans to participate in the 1939 Golden Gate International Exposition at San Francisco.

Kurt Beyer, San Francisco manager of the German National Railroads which was designated by the German government to handle the German exhibit, notified Exposition officials that he had received a cablegram from Germany instructing him to stop any construction that might have been started and to cancel exhibit plans at California's World Fair.

A contract to build in the German National Railroad exhibit was signed last Wednesday with the contracting firm of P. J. Walker Company, San Francisco.

BALL-BEARING IDLER FOR BELT CONVEYORS

A ball-bearing idler, designated as Type 90, for conveyor widths of 14 to 24 inches is announced by the Link-Belt Company, 307 North Michigan avenue, Chicago. Information may be obtained without charge upon application to the company at the above address.

San Francisco,		
Cal.	17,274,121	18,162,124
Chicago,		
Ill.	16,538,824	26,354,108
Baltimore,		
Md.	14,813,501	14,854,490
Philadelphia,		
Pa.	14,752,720	27,482,370
Cincinnati,		
Ohio	11,662,520	15,969,005
Boston,		
Mass.	10,613,602	17,972,598
Miami,		
Fla.	9,970,418	12,439,177
Long Beach,		
Cal.	9,849,535	6,685,400
Yonkers,		
N. Y.	9,143,352	4,540,232
Pittsburgh,		
Pa.	8,762,505	6,693,195
Indianapolis,		
Ind.	2,619,167	6,894,815
San Diego,		
Cal.	8,105,569	7,330,579
Jacksonville,		
Fla.	8,016,941	4,530,849
Buffalo,		
N. Y.	7,694,089	5,077,755
Oakland,		
Cal.	7,587,052	7,256,302

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3540	Baldwinson	Owner	3500
3541	Carlson	Owner	3500
3542	Cutajor	Owner	3500
3543	Flood	Fair Mfg.	2346
3544	Johnson	Owner	20000
3545	Nelson	Owner	3900
3546	Nelson	Owner	4000
3547	Nelson	Owner	3900
3548-9	Arco	Owner	4000
3550	Bertram	Owner	2500
3551	Christensen	Owner	6000
3552	Continental	Meinberger	1000
3553	Ham	Owner	4000
3554	Meyer	Owner	5000
3555-6	Lindsay	Owner	3500
3557	Marchi	Owner	9500
3558	Mikkelsen	Bay Constr	1250
3559	Nelson	Owner	4000
3560	Pope Est.	Hardy	11000
3561	Rolpho	Owner	1000
3562	S.F. Golf	Mattock	10000
3563	Coulman	Dream	3000
3564	Franchi	Ferroni	3750
3565	Gilpin	Duerner	3000
3566	Hogrefe	Owner	2500
3567	McDuffie	Prout	8000
3568	Stein	Piconi	1750
3569	White	Coburn	1000

DWELLING
(3540) E. COLLINGWOOD 268 S. 21st St. One-story and basement frame dwelling.
Owner—L. Baldwinson, 2246 35th Ave.
Architect—Not given. \$3500

DWELLING
(3541) NE YALE AND SILLIMAN. One-story and basement frame dwelling.
Owner—C. J. Carlson, 65 Yale St.
Architect—Not given. \$3500

DWELLING
(3542) N ULLOA 32 E. 28th Avenue. One-story and basement frame dwelling.
Owner—Cutajor and Sultano, 1530 Thomas Ave.
Architect—Not given. \$3500

ALTERATIONS
(3543) NE MARKET and Powell Sts. Alter office.
Owner—Flood Realty Co., Flood Bldg.
Contractor—Fair Mfg. Co., 617 Bryant St.
Engineer—H. J. Brunner, 612 Sharon Bldg.
Architect—Not given. \$2346

BUILDING
(3544) E. POTRERO AVE. 100 S. 19th St. One-story Class C office and shop.
Owner—Louis Johnson, 666 Mission St.
Engineer—H. A. Emmerich, 1280 Indiana.
Architect—Not given. \$20,000

DWELLING
(3545) W. 21st AVE 125 N. Quintara. One-story and basement frame dwelling.
Owner—A. Nelson, Inc., 242 Ocean Ave.
Architect—Not given. \$4000

DWELLINGS
(3546) W. 21st AVE. 150, 175 N. Quintara. Two (2) 1-story and basement frame dwellings.
Owner—A. Nelson, Inc., 242 Ocean Ave.
Architect—Not given. \$4000 ea.

DWELLINGS
(3547) E. 22nd AVE 100, 125, 150, 175 N. Quintara. Four (4) 1-story & basement frame dwellings.
Owner—A. Nelson, Inc., 242 Ocean Ave.
Architect—Not given. \$3900 ea.

DWELLINGS
(3548) E 19th AVE. 425, 450, 475, 500 S. Vicente. Four 1-story and basement frame dwellings.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4000 each

DWELLING
(3549) E 19th AVE. 400 S. Vicente. One-story and basement frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLING
(3550) SW BANCROFT and Quint. One-story and basement frame dwelling.
Owner and Builder—M. A. Bertram, 1101 Potrero Avenue.
Architect—Not Given. \$3,500

DWELLING
(3551) SW 21st AVE. and Quintara. Two-story and basement dwelling and store.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—Not Given. \$6,000

ALTERATIONS
(3552) 60 SANSOME Street. Alter office.
Owner—Continental Ins. Co., prem.
Contractor—H. S. Meinberger, 956 Folsom Street.
Architect—Bliss & Fairweather, Hobart Bldg. \$1,000

DWELLING
(3553) W STANYAN 98 N McAllister. One-story and basement frame dwelling.
Owner and Builder—Lloyd B. Ham, 105 Montgomery Street.
Architect—Ed Musson Sharpe, 111 Sutter Street. \$4,000

DWELLINGS
(3554) E SEQUOIA 63, 135, 107 S. Teresia. Three 1-story and basement frame dwellings.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given. \$5000 each

DWELLING
(3555) W. 27th AVE. 250 S. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLINGS
(3556) W. 27th AVE. 175, 200, 225, 275, 300 S. Kirkham. Five (5) 1-story and basement frame dwellings.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500 ea.

APARTMENTS
(3557) E. GUERRERO ST. 135 N. 16th Street. Two-story and basement frame apts.
Owner—Chas. Marchi, 646 Guerrero Street.
Architect—Not given. \$9500

ALTERATIONS
(3558) 2536 FOLSOM ST. Alter dwelling.
Owner—Chas. Mikkelsen, prem.
Contractor—Bay Const. Co., 2911 Mission St.
Architect—Not given. \$1250

DWELLING
(3559) S. CORBETT AVE. 45 W. Iron Alley. One-story and basement frame dwelling.
Owner—F. Nelson and Sons, 2901 19th Ave.
Architect—Not given. \$4000

ALTERATIONS
(3560) 48-70 MARKET ST. Alter hotel.
Owner—Pope Estate Co., Russ Bldg.
Contractor—A. M. Hardy, 736 Clementina.
Architect—Wm. Wilson Wurster, 260 California St. \$11,000

ALTERATIONS
(3561) 57 FIFTH ST. Alter restaurant.
Owner—Frank Rolpho, prem.
Architect—Not given. \$1000

ALTERATIONS
(3562) SAN FRANCISCO GOLF CLUB. Alter club.
Owner—San Francisco Golf Club, near Junipero Serra Blvd.
Contractor—A. F. Mattock Co., 212 Clara St.
Architect—Lewis P. Hobart, Crocker Bldg. \$10,000

DWELLING
(3563) SE LOBOS and Orizaba St. One-story and basement frame dwelling.
Owner—Geo. Coulman, 416 Kearny.
Contractor—Dream Home Builders, 416 Kearny Street.
Architect—Not Given. \$3,000

STORE
(3564) N NORTH POINT 34 West Hyde St. One-story frame store.
Owner—G. Franchi, NW North Pt. and Hyde Streets.
Contractor—G. Ferroni & Sons, 1954 Filbert Street.
Architect—Not Given. \$3,750

DWELLINGS
(3565) E 17th AVE. 30-54 N Ulloa. Two 1-story and basement frame dwellings.
Owner—Thomas Gilpin, 265 San Leandro Way.
Contractor—Jas. C. Duerner, 250 Ortega Street.
Architect—Not Given. \$3,000 each

DWELLINGS
(3566) E 46th AVE. 150-175 N Wawona. Two 1-story and basement frame dwellings.
Owner and Builder—Herman C. Hogrefe, 3439 Fillmore Street.
Architect—Not Given. \$2,500 ea.

DWELLING
(3567) SW SAN ANSELMO and San Renito. Two-story and basement frame dwelling.
Owner—Mason McDuffie Co., c/o contractor.
Contractor—J. Prout, 2530 Fillmore.
Architect—Angus McSweeney, 604 Mission Street. \$8,000

ALTERATIONS
(3568) 1470-72-74 GOLDEN GATE Ave. Alter apartments.
Owner—Max Stein, premises.

October U. S. Building Level Continues Over 1937 for Fourth Successive Month

WILEY ISSUES SPECIAL WALL LAMP RULING

S. F. Electricity Dept. Chief Publishes Order on "Pin-It-Up" Type Lamp

Requirements for the construction and sale of "pin-it-up" types of wall lamps yesterday were issued by Chief Ralph W. Wiley of the San Francisco Department of Electricity.

Chief Wiley's statement follows: "In accordance with the provisions of Ordinance Nos. 11,114 and 9120, of the City and County of San Francisco, the "Pin-It-Up" type of wall lamps, consisting of an assembly of lampholder, lamp shade, wall mounting, and portable cord, and arranged for installation by hanging said assembly on a small hook pinned to the wall, or a similar hanging method, shall not be offered for sale, sold, or offered as a premium, unless said wall lamps are constructed of approved materials assembled in accordance with the following requirements:

"1. An approved type porcelain or bakelite type of lampholder shall be installed.

"2. Where the rubber covered cord conductors are continuous from the attachment plug cap to the lamp terminals of the fixture, the wiring at the lamp terminals shall be covered with a supplementary heat resisting covering to a point outside of the lamp receptacle enclosure; or approved type fixture wire shall be installed and spliced to the rubber covered portable conductors behind the wall mounting. Where splices are made in the back of the wall mounting, the back portion of the wall plate containing said splices shall be covered with approved non-combustible coverings.

"3. Where switches for the control of the lamp are installed in the wall plate or mounting, a lock washer shall be installed to prevent the switch from turning.

"4. The flexible cord supplying the fixture shall be secured to the back of the wall plate or provided with a stop, in order to prevent the portable cord from placing a strain on the switch wiring terminals.

"5. The portable cord shall enter the wall plate or mounting through an approved bushing or a hole having well smoothed and rounded edges to prevent abrasion of the portable conductors"

New orders for steel office furniture taken during September, 1938, amounted to \$1,629,963, as compared to orders totaling \$1,537,475 taken during August, 1938, the Bureau of Census announces.

Series 220 windows are complete, factory-fitted, and factory-assembled double-hung window units of all - aluminum construction. The sash are metal glazed.

Although down slightly from the heavy volume of the three preceding months, contemplated expenditures for building construction during October continued at a higher level than a year ago for the fourth successive month. Total volume of permits issued last month for 215 cities of the United States amounted to \$97,11,919, according to Dun & Bradstreet, Inc. This was only 4.6 per cent less than the September valuation of \$101,801,160, but marked a gain of 7.1 per cent from the \$90,712,493 for October, last year.

New York permit costs during October aggregated \$20,089,367, as against \$24,045,467 in the month preceding and \$30,051,768 for the comparative 1937 month. This represented declines of 16.5 and 33.2 per cent respectively. Outside of New York the 214 cities furnished a total of \$77,022,552, against \$77,755,993 in September, giving a loss of 0.9 per cent, but it was 27.0 per cent larger than the October, 1937, figure of \$60,660,725.

Group totals of building permit values for 215 cities for October, this year and last as shown in the following table:

Geographical Group	October 1938	October 1937
New England	\$2,659,008	\$5,162,500
North Atlantic	29,910,915	29,918,499
South Atlantic	9,476,882	7,610,541
East Central	18,990,433	15,937,096
West Central	9,488,325	8,245,822
Mountain	4,573,015	3,440,800
Pacific	2,043,857	1,530,038
	16,021,066	9,571,100

Total U. S.	1938	1937
New York City	\$20,089,367	\$30,051,768
Outside N.Y.C.	\$77,022,552	\$60,660,725
Building Permit Values (Monthly)		
	(215 Cities)	

	1938	1937
Jan.	\$146,866,125	\$68,512,318
Feb.	54,010,213	85,829,336
Mar.	76,598,907	121,118,706
Apr.	84,842,365	117,598,966
May	77,606,469	98,370,954
June	87,636,427	94,752,583
July	140,803,564	91,334,405
Aug.	101,024,415	87,584,238
Sept.	101,801,460	86,769,028
Oct.	97,111,919	90,712,493
Nov.	69,588,965	
Dec.	118,743,015	
Total	\$1,130,915,007	

The following table compares the permit value total at twenty leading cities for the first ten months of 1938 and 1937:

City	Ten Months	
	1938	1937
Los Angeles	\$320,877,381	\$211,650,802
New York	57,798,987	55,864,137
Cal.	42,462,556	47,436,754
Detroit	24,242,640	28,064,815
Washington	21,948,690	16,040,005
Mich.		
D. C.		
Houston		
Tex.		

Plans for German Exhibit Cancelled

Germany this week cancelled plans to participate in the 1939 Golden Gate International Exposition at San Francisco.

Kurt Beyer, San Francisco manager of the German National Railroads which was designated by the German government to handle the German exhibit, notified Exposition officials that he had received a cablegram from Germany instructing him to stop any construction that might have been started and to cancel exhibit plans at California's World Fair.

A contract to build in the German National Railroad exhibit was signed last Wednesday with the contracting firm of P. J. Walker Company, San Francisco.

BALL-BEARING IDLER FOR BELT CONVEYORS

A ball-bearing idler, designated as Type 90, for conveyor widths of 14 to 24 inches is announced by the Link-Belt Company, 307 North Michigan avenue, Chicago. Information may be obtained without charge upon application to the company at the above address.

San Francisco, Cal.	17,274,121	18,162,124
Chicago, Ill.	16,538,824	26,354,108
Baltimore, Md.	14,813,501	14,854,490
Philadelphia, Pa.	14,752,720	27,482,370
Cincinnati, Ohio	11,662,520	15,969,005
Boston, Mass.	10,613,602	17,972,598
Miami, Fla.	9,970,418	12,439,177
Long Beach, Cal.	9,849,535	6,685,400
Yankees, N. Y.	9,143,352	4,540,232
Pittsburgh, Pa.	8,762,505	6,693,195
Indianapolis, Ind.	7,619,167	6,894,815
San Diego, Cal.	7,105,569	7,330,579
Jacksonville, Fla.	8,016,941	4,530,849
Buffalo, N. Y.	7,694,089	5,077,755
Oakland, Cal.	7,587,052	7,256,302

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3540	Baldwinson	Owner	3500
3541	Carlson	Owner	3500
3542	Cutajor	Owner	3500
3543	Flood	Fair Mfg.	2346
3544	Johnson	Owner	20000
3545	Nelson	Owner	3900
3546	Nelson	Owner	4000
3547	Nelson	Owner	3900
3548-9	Arco	Owner	4000
3550	Bertram	Owner	3500
3551	Christensen	Owner	6000
3552	Continental	Meinberger	1000
3553	Ham	Owner	4000
3554	Meyer	Owner	5000
3555-6	Linday	Owner	3500
3557	Marchi	Owner	9500
3558	Mikkelsen	Bay Constr	1250
3559	Nelson	Owner	4000
3560	Pope Est.	Hardy	11000
3561	Rolpho	Owner	1000
3562	S.F. Golf	Mattock	10000
3563	Coulman	Dream	3000
3564	Franchi	Ferroni	3750
3565	Gilpin	Duerner	3000
3566	Hogrefe	Owner	2500
3567	McDuffia	Prout	8000
3568	Stein	Piconi	1750
3569	White	Coburn	1000

DWELLING
(3540) E. COLLINGWOOD 268 S. 21st St. One-story and basement frame dwelling.
Owner—J. Baldwinson, 2246 35th Ave.
Architect—Not given. \$3500

DWELLING
(3541) NE YALE AND SILLMAN. One-story and basement frame dwelling.
Owner—C. J. Carlson, 65 Yale St.
Architect—Not given. \$3500

DWELLING
(3542) N ULLOA 32 E. 28th Avenue. One-story and basement frame dwelling.
Owner—Cutajor and Sultano, 1530 Thomas Ave.
Architect—Not given. \$3500

ALTERATIONS
(3543) NE MARKET and Powell Sts. Alter office.
Owner—Flood Realty Co., Flood Bldg. Contractor—Fair Mfg. Co., 617 Bryant St.
Engineer—H. J. Brunnler, 612 Sharon Bldg.
Architect—Not given. \$2346

BUILDING
(3544) E. POTRERO AVE, 100 S. 19th St. One-story Class C office and shop.
Owner—Louis Johnson, 666 Mission St.
Engineer—H. A. Emmerich, 1280 Indiana.
Architect—Not given. \$20,000

DWELLING
(3545) W. 21st AVE 125 N. Quintara. One-story and basement frame dwelling.
Owner—A. Nelson, Inc., 242 Ocean Ave.
Architect—Not given. \$4000

DWELLINGS
(3546) W. 21st AVE. 150, 175 N. Quintara. Two (2) 1-story and basement frame dwellings.
Owner—A. Nelson, Inc., 242 Ocean Ave.
Architect—Not given. \$4000 ea.

DWELLINGS

(3547) E. 22nd AVE 100, 125, 150, 175 N. Quintara. Four (4) 1-story & basement frame dwellings.
Owner—A. Nelson, Inc., 242 Ocean Ave.
Architect—Not given. \$3900 ea.

DWELLINGS
(3548) E 19th AVE. 425, 450, 475, 500 S Vicente. Four 1-story and basement frame dwellings.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4000 each

DWELLING
(3549) E 19th AVE. 400 S Vicente. One - story and basement frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLING
(3550) SW BANCROFT and Quint. One - story and basement frame dwelling.
Owner and Builder—M. A. Bertram, 1101 Potrero Avenue.
Architect—Not Given. \$3,500

DWELLING
(3551) SW 21st AVE. and Quilotara. Two-story and basement dwelling and store.
Owner and Builder—Herman Christensen, 1801 19th Avenue.
Architect—Not Given. \$6,000

ALTERATIONS
(3552) 60 SANSOME Street. Alter office.
Owner—Continental Ins. Co., prem. Contractor — H. S. Meinberger, 956 Folsom Street.
Architect—Bliss & Fairweather, Hobart Bldg. \$1,000

DWELLING
(3553) STANYAN 98 N McAllister. One - story and basement frame dwelling.
Owner and Builder—Lloyd B. Ham, 185 Montgomery Street.
Architect — Ed Musson Sharpe, 111 Sutter Street. \$4,000

DWELLINGS
(3554) E SEQUOIA 63, 135, 107 S Teresita. Three 1-story and basement frame dwellings.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given. \$5000 each

DWELLING
(3555) W. 27th AVE. 250 S. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLINGS
(3556) W. 27th AVE. 175, 200, 225, 275, 300 S. Kirkham. Five (5) 1-story and basement frame dwellings.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500 ea.

APARTMENTS

(3557) E. GUERRERO ST. 135 N. 16th Street. Two-story and basement frame apts.
Owner—Chas. Marchi, 646 Guerrero Street.
Architect—Not given.) \$9500

ALTERATIONS

(3558) 2536 FOLSOM ST. Alter dwelling.
Owner—Chas. Mikkelsen, prem. Contractor—Bay Const. Co., 2911 Mission St.
Architect—Not given. \$1250

DWELLING

(3559) S. CORBETT AVE. 45 W. Iron Alley. One-story and basement frame dwelling.
Owner—F. Nelson and Sons, 2901 19th Ave.
Architect—Not given. \$4000

ALTERATIONS

(3560) 48-70 MARKET ST. Alter hotel.
Owner—Pope Estate Co., Russ Bldg. Contractor—A. M. Hardy, 736 Clementina.
Architect—Wm. Wilson Wurster, 250 California St. \$11,000

ALTERATIONS

(3561) 57 FIFTH ST. Alter restaurant.
Owner—Frank Rolpho, prem.
Architect—Not given. \$1000

ALTERATIONS

(3562) SAN FRANCISCO GOLF CLUB. Alter club.
Owner—San Francisco Golf Club, near Junipero Serra Blvd. Contractor—A. F. Mattock Co., 212 Clara St.
Architect—Lewis P. Hobart, Crocker Bldg. \$10,000

DWELLING

(3563) SE LOBOS and Orizaba St. One - story and basement frame dwelling.
Owner—Geo. Coulman, 416 Kearny. Contractor—Dream Home Builders, 416 Kearny Street.
Architect—Not Given. \$3,000

STORE

(3564) N NORTH POINT 34 West Hyde St. One-story frame store.
Owner—G. Franchi, NW North Pt. and Hyde Streets.
Contractor—G. Ferroni & Sons, 1964 Filbert Street.
Architect—Not Given. \$3,750

DWELLINGS

(3565) E 17th AVE. 30-54 N Ulloa. Two 1-story and basement frame dwellings.
Owner—Thomas Gilpin, 265 San Leandro Way.
Contractor—Jas. C. Duerner, 250 Ortega Street.
Architect—Not Given. \$3,000 each

DWELLINGS

(3566) E 46th AVE. 150-175 N Wawona. Two 1-story and basement frame dwellings.
Owner and Builder—Herman C. Hogrefe, 3439 Fillmore Street.
Architect—Not Given. \$2,500 ea.

DWELLING

(3567) SW SAN ANSELMO and San Benito. Two-story and basement frame dwelling.
Owner—Mason McDuffie Co., c/o contractor.
Contractor—J. Prout, 2530 Fillmore.
Architect — Angus McSweeney, 604 Mission Street. \$8,000

ALTERATIONS

(3568) 170-72-74 GOLDEN GATE Ave. Alter apartments.
Owner—Max Stein, premises.

Contractor—Piconi Const. Co., Ltd.,
383-B 21st Avenue.
Architect—Not Given. \$1,750

ALTERATIONS
(3569) 1834 GEARY ST. Alter apts. and stores.
Owner—W. H. White, 2045 Market St.
Contractor—Ira W. Coburn, 2048 Market Street.
Architect—Not Given. \$1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2698	Samia	Haskell	8275
2698	Clark	Bethel	1500
2700	Ducato	Scott	3250
2701	Flamengo	Benassini	1000
2702	Fitz	Jordan	5500
2703	Foster	Soder	3700
2704	Gillim	Telgland	9000
2705	Popp	Owner	1500
2706-7	Scherman	Spivock	3500
2708	Sharpe	Crocker	6000
2709	Shepard	Stolte	1310
2710	Syndicate	Armstrong	7000
2711	Gould	Owner	3800
2712	MacGeger	Owner	2400
2713	MacGregor	Owner	3400
2714-16	MacGregor	Owner	3300
2717	Adams	Christensen	5200
2718	Clark	Owner	4500
2719	Coca Cola	QRS	1850
2720	Ford	Wiggins	3690
2721	Leekins	Owner	4000
2722	Oletzky	Owner	3500
2723	Hutchens	Dinwiddie	1500
2424	State Dept	Lynn	12000
2725	Kalsomine	Tulloch	12469
2726	Kalsomine	Tulloch	66684
2727	Blue	Shaw	1700
2728	Cannon	Graham	1500
2729	Herrick	Owner	4000
2730	Johnsoan	Johnson	7500
2731	Pingree	Owner	3000
2732	Wisheropp	Wisheropp	5250
2733	Womack	Womack	4300
2734	Zentli	Ortzw	2000
2735	Woolslayer	Rose	2500
2736	Andersen	Hoffman	4000
2737	Bridges	Owner	2500
2738	Meuser	Windsor	4500

DWELLING
(2698) 1021 EUCLID, BERKELEY.
One-story, 6-room frame dwelling and garage.
Owners—Mr. and Mrs. F. Samis, 1021 Euclid.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.
Architect—Not given. \$8275

ALTERATIONS
(2699) 322 WEST STREET, OAKLAND. Alterations.
Owner—R. D. Clark, 322 West St.
Contractor—W. E. Bethel, 1338 67th St., Berkeley.
Architect—Not given. \$1500

DWELLINGS
(2700) 2463, 2463A, 2463B, 2463C 34th Ave., Oakland. Two 1-story, 6-rm frame dwellings.
Owner—M. Ducato, 2525 Coolidge Ave.; contractor, Walter L. Scott, 2333 10th Ave.
One-atory garage, \$300.
Architect—Not given. \$3250 ea.

ADDITION
(2701) 863 61st STREET, OAKLAND.
One-atory frame addition
Owner—A. Flamengo.
Contractor—Joe Benassini, 620 51st Street.
Architect—Not given. \$1000

DWELLING
(2702) 1985 GASPAR DRIVE, OAKLAND. Two-story, 5-room dwelling.
Owner—P. M. Fitz, 1040 Winsor Ave.
Contractor—M. Jordan, 979 Mountain Blvd.
Architect—Not given. \$5500

DWELLING
(2703) 1822 MONTANA ST., OAKLAND. One-story, 5-room dwelling.
Owner—F. J. Foster.
Contractor—Oscar Soder, 4335 Sequoyah Road.
Architect—Not given. \$3700

ALTERATIONS
(2704) W. SIDE TUNNEL ROAD N. of Domingo, Oakland. Alterations
Owner—Claude M. Gillim, Oakland, Claremont Hotel.
Contractor—C. M. Telgland, 525 49th Street.
Architect—Not given. \$9000

ALTERATIONS
(2705) 5502-4 E. 16th STREET, Oakland. Alterations.
Owner—Mrs. Henry Popp, 799 Grove Way, Hayward.
Architect—Not given. \$1500

DWELLING
(2706) 7506 GREENLY DRIVE, Oakland. One-story, 5-room dwelling.
Owner—Sol Scherman, 2789 Foothill.
Contractor—Wm. Spivock, 921 Mandana, Garage, \$150.
Architect—Not given. \$3500

DWELLING
(2707) 3718 COLUMBIAN DRIVE, Oakland. One-story, 5-rm. dwelling.
Owner—Sol Scherman, 2789 Foothill Blvd.
Contractor—Wm. Spivock, 921 Mandana, Garage, \$150.
Architect—Not given. \$3500

DWELLING
(2708) 5831 CHELTON DRIVE, Oakland. Two-story, 6-room dwelling.
Owner—F. E. Sharpe.
Contractor—H. L. Crocker Jr., 30 Wilding Lane.
Architect—Not given. \$6000

ALTERATIONS
(2709) 803 WASHINGTON STREET, Oakland. Alter.
Owner—M. Shepard, 599 Washington Street.
Contractor—F. C. Stolte, 1405 San Antonio Ave.
Architect—Not given. \$1310

DWELLING
(2710) 6532 COLTON BLVD., OAKLAND. Two-story, 6-room dwelling.
Owner—Syndicate Montclair Co.
Contractor—J. R. Armstrong, 834 E. 10th St.
Architect—Marshall Dean, 2104 Addison St., Berkeley. \$7000

DWELLING
(2711) 345 VERMONT, BERKELEY.
One-story 5-rm. frame dwelling and garage.
Owner and Builder—Gould & Kane, Inc., 1519 Solano.
Architect—E. R. Hardman, Berkeley. \$3,800

DWELLING
(2712) 1226 BRIGHTON, ALBANY.
One-story 4-room frame dwelling.
Owner and Builder—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$2,400

DWELLING
(2713) 1041 TALBOT ST., ALBANY.
One-story 5-room frame dwelling.
Owner and Builder—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$3,400

DWELLING
(2714) 1027 TALBOT ST., ALBANY.
One-atory 5-room frame dwelling.
Owner and Builder—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$3,300

DWELLING
(2715) 1013 TALBOT ST., ALBANY.
One-story 5-room frame dwelling.
Owner and Builder—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$3,300

DWELLING
(2716) 1011 TALBOT ST., ALBANY.
One-story 5-room frame dwelling.
Owner and Builder—C. M. MacGregor, 1391 Solano.
Architect—Not Given. \$3,300

DWELLING
(2717) 5532 SNAKE ROAD, OAKLAND. One-atory 5-rm. dwelling.
Owner—Oak Adams, 976 Nelson St., Berkeley.
Contractor—H. Christensen, 2673 College Ave., Berkeley.
Architect—Not Given. \$5,200
Also 1-story garage, \$500.

DWELLING
(2718) 3375 KIWANIS ST., OAKLAND. One-atory 5-rm. dwelling.
Owner—J. N. Clark, 3374 Kiwanis.
Architect—Art Larson, 988 Market St., San Francisco. \$4,500

SIGNS, roof, two, \$1850; \$600; NW Cor. 2nd Ave. and E 12th St., and Lakeside Hotel, Oakland; owner, Coca Cola Corp.; contractor, Q R S Neon Corp., 690 Potrero Ave., San Francisco.

DWELLING
(2720) 4801 HOPKINS ST., OAKLAND. One-atory 6-rm. dwelling.
Owner—Irving F. Ford, 8117 Winthrop Street.
Contractor—J. S. Wiggins, 5751 Cabot Drive.
Architect—Not Given. \$3,600

DWELLING
(2721) 2215 17th AVE., OAKLAND.
One-story 5-rm. dwelling.
Owner and Builder—C. W. Leekins, 6054 La Salle Ave.
Architect—Not Given. \$4,000
One-story garage, \$250.

DWELLING
(2722) 2007 85th AVE., OAKLAND.
One-story 5-room dwelling.
Owner and Builder—E. H. Oletzky, 4412 Masterson St.
Architect—Not Given. \$3,500

ADDITIONS
(2723) 757 SAN DIEGO, BERKELEY. Additions.
Owner—F. Hutchens.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.
Architect—Not Given. \$1,500

OFFICE, ETC.
(2724) 1392 UNIVERSITY AVE., BERKELEY. One-atory 14-room office and laboratory building.
Owner—State Dept. of Public Health, State Bldg., San Francisco.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.
Architect—M. Reynolds, Loy Chamberlain, 361 17th St., Oakland. \$12,000

STORAGE ROOM
(2725) 718 GRAYSON, BERKELEY.
One-atory 1-rm. storage room.
Owner—West Coast Kalsomine Co., Fifth and Grayson Streets.
Contractor—John Tulloch, 335 Eighth Street, Oakland.
Architect—H. S. Howard, Bank of Commerce Building, Oakland. \$12,400

FACTORY
 (2726) 720 GRAYSON, BERKELEY.
 Two-story 6-rm. factory building.
 Owner—West Coast Kalsomine Co.,
 Fifth and Grayson Streets.
 Contractor—John Tullock, 335 Eighth
 Street, Oakland.
 Architect—H. S. Howard, Bank of
 Commerce Building, Oakland. \$66,684

ADDITION
 (2727) 4507 TULIP ST., OAKLAND.
 Addition.
 Owner—J. Blue, 4507 Tulip Street.
 Contractor—Melvin C. Shaw, 3718
 Green Acre Road.
 Architect—Not Given. \$1,700

ALTERATIONS
 (2728) 1022 WASHINGTON Street,
 OAKLAND. Alterations.
 Owner—Cannon Shoe Co., Baltimore.
 Contractor—Graham and Jensen, 728
 35th Ave., San Francisco.
 Architect—Not Given. \$1,500

ADDITION
 (2729) 5433 SAN PABLO AVENUE,
 OAKLAND. One-story brick ad-
 dition.
 Owner and Builder—S. S. Herrick,
 1734 Campbell Street.
 Architect—Not Given. \$4,000

DWELLING
 (2730) 1136 TRESTLE GLEN RD.,
 OAKLAND. Two-story six-room
 dwelling.
 Owner—Louis Johnson, 223 Green-
 bank Ave., Piedmont.
 Contractor—L. Johnson & Son, 223
 Greenbank Ave., Piedmont.
 Architect—Not Given. \$7,500

DWELLING
 (2731) 1147 88th AVE., OAKLAND.
 One-story five-room dwelling.
 Owner—Geo. H. Pingree, 9519 Hill-
 side Street.
 Architect—Not Given. \$3,000
 Garage, \$100.

DWELLING
 (2732) 4429 HARBOR VIEW AVE.,
 OAKLAND. One-story five-room
 dwelling.
 Owner and Builder—W. H. Wisheropp
 5322 College Avenue.
 Architect—Not Given. \$5,250

DWELLING
 (2733) 1801 107th AVE., OAKLAND.
 Two-story 6-room dwelling.
 Owner—A. E. Womack, 4819 Tomp-
 kins Street.
 Contractor—Womack and Son, 9427
 Foothill Blvd.
 Architect—Not Given. \$4,300

(2734) 2101 E. 12th ST., OAKLAND.
 Addition.
 Owner—enith Mill & Lumber Co.,
 2101 East 12th Street.
 Contractor—S. A. Ortzow, Hotel Men-
 lo, Oakland.
 Architect—Not Given. \$2,000

DWELLING
 (2735) 1530 ROSE, BERKELEY. One-
 story, 4-room frame dwelling.
 Owner—W. H. Woolslayer, Rich-
 mond.
 Contractor—Geo. F. Rose, 1632 Grant.
 Architect—Not given. \$2500

DWELLING
 (2736) 6518 GWIN ROAD, OAK-
 LAND. One-story, 5-room dwell-
 ing.
 Owner—Wm. A. Anderson, 7801
 Greenly Drive.
 Contractor—E. F. Hoffman, 7405
 Foothill Blvd.
 Architect—Not given. \$4000

DWELLING
 (2737) 7600 SUNKIST DRIVE, Oak-
 land. One-story, 3-room dwell-

ing.
 Owner and Builder—Roy Bridges,
 7600 Sunkist Drive.
 One-story garage, \$175.
 Architect—Not given. \$2500

DWELLING
 (2738) 6370 BROOKSIDE AVENUE,
 Oakland. One-story, 5-rm. dwell-
 ing.
 Owner—W. G. Meuser, 161 Perry
 Place.
 Contractor—Geo. Windsor, 11 Shar-
 on Ave., Piedmont.
 Architect—Earl McDonald, 1710
 Franklin St. \$4500

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt
411 Pope Est	Hardy	11435
112 Hohwiesner	Wold	11138
13 Westgate	Prout	11140
415 Schirmer	Todhunter	2900
416 P. G. & E.	Michel	
414 S P	Shirar-Young	969

ALTERATIONS
 (411) 48-70 MARKET Street. Alter
 hotel.
 Owner—Pope Estate Co., Russ Bldg.
 Architect—Wm. W. Wurster, 260 Cal-
 ifornia Street.
 Contractor—A. M. Hardy, 736 Clem-
 ents St.

Filed and Dated, Nov. 17, 1938.
 Monthly payments of.....75%
 Usual 35 days.....25%
 TOTAL COST, \$11,435
 Bond, \$11,435. Sureties, Great Ameri-
 can Indemnity Co. Plans and speci-
 fications filed.

DWELLING
 (412) LOT 14 BLK 2990, map of Sub.
 No. 1, Sherwood Forest-on-Mt.
 Davidson. Two-story and base-
 ment frame dwelling.
 Owner—Fred M. and Faith Hohwies-
 ner. 266 Santa Ana.
 Architect—Albert H. Larsen, 333
 Kearny Street.
 Contractor—C. L. Wold Const. Co.,
 Ltd., 4412 Fulton Street.

Filed, Nov. 17, '38. Dated, Oct. 18, '38
 Frame up\$2784.50
 Roof on2784.50
 Completion2784.50
 Usual 35 days2784.50
 TOTAL COST, \$11,138

Bond, \$11,138. Sureties, Hartford Ac-
 cident & Indemnity. Limit, 120 days.
 Plans and specifications filed.

DWELLING
 (413) LOT 15 BLK 11, St. Francis
 Wood Exten No. 1. Two-story and
 basement frame dwelling with
 garage.
 Owner—Westgate Park Company.
 Architect—Angus McSweeney, 604
 Mission Street.
 Contractor—J. Prout and Sons, 2530
 Fillmore Street.

Filed, Nov. 19, '38. Dated, Nov. 18, '38
 Monthly payments of.....75%
 Usual 35 days.....25%
 TOTAL COST, \$11,140
 Limit, Mar. 20, 1939. Plans and speci-
 fications filed.

ALTERATIONS
 (414) FELL and Baker Sts. Alter
 hospital refrigeration system.
 Owner—Southern Pacific Company.
 Architect—Not Given.
 Contractor—Shirar-Young Co., 1450
 Van Ness Avenue.

Filed, Nov. 21, '38. Dated, Nov. 19, '38
 Upon completion75%
 Usual 35 days.....25%
 TOTAL COST, \$969.23
 Bond, \$969.23. Sureties, U. S. Guar-
 antee Co. Limit, 10 days. Plans and
 specifications filed.

ALTERATIONS & ADDITIONS
 (415) 520 39th AVENUE. Altera-
 tions and additions to residence.
 Owner—J. J. Schirmer, premises.
 Architect—William Edward Schir-
 mer, Bank of America Bldg.,
 Berkeley.
 Contractor—Geo. C. Todhunter, 1088
 Ashbury St.
 Filed Nov. 22, '38. Dated Nov. 17, '38.
 Each month75%
 Usual 35 days25%
 TOTAL, \$2900.00
 Limit 50 days. Plans and specifica-
 tions filed.

INSTALLING STEEL
 (416) MOLE, ISLAND AND sterling
 Substations. Furnishing and in-
 stallating steel enclosures for rec-
 trofyer compartments & switch-
 boards.
 Owner—P. G. & E. Co., 445 Sutter
 Street.
 Contractor—Michel & Pfeffer Iron
 Works, Inc., 10th and Harrison
 Streets.
 Filed Nov. 22, '38. Dated Nov. 19, '38.
 Completion85%
 Usual 35 days15%
 TOTAL Unit Prices.
 Bond, \$1,500. Sureties, American
 Bonding Co. of Baltimore. Plans and
 specifications filed.

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
253 California	Lynn	12080
255 P T & T	Anderson	1890

LABORATORY BLDG.
 (253) SW COR. ACTON Street and
 University Ave., Berkeley. One-
 story frame and stucco labora-
 tory building.
 Owner—California State Department
 of Health.
 Architects—Malcolm D. Reynolds,
 Loy Chamberlain.
 Contractor—Willis F. Lynn, 1037 Ash-
 mount Ave., Oakland.

Filed, Nov. 19, '38. Dated, Nov. 15, '38
 Frame up25%
 Brown plastered25%
 Completed25%
 Usual 35 days25%
 TOTAL COST, \$12,080
 Limit, 70 days. Plans and specifica-
 tions filed.

BUILDING
 (254) MILVIA ST. bet. Allston Way
 and Center Sts., Berkeley. Five-
 story and basement reinforced
 concrete building.
 Owner—The Federal Land Bank of
 Berkeley.
 Architect—Jas. W. Plachek, 511 Mer-
 cantile Bldg., Berkeley.
 Contractor—K. E. Parker Co., 135 So.
 Park, San Francisco.
 Filed, Nov. 21, '38. Dated, Nov. 18, '38.
 Progress payments, amounts not
 given.

TOTAL COST, \$540,432.50
 Bond; Performance, \$270,216.25; La-
 bor and Materials, \$270,216.25. Sure-
 ties, Seaboard Surety Co. of N. Y.
 Limit, 1 year. Plans and specifica-
 tions filed.

ALTERATIONS
 (255) 1519 FRANKLIN ST., Oak-
 land. Alterations.
 Owner—Pacific Tel. & Tel. Co.
 Architect—Not Given.
 Contractor—Geo. W. Anderson, 211
 Hanover Avenue.
 Filed, Nov. 21, '38. Dated, Nov. 18, '38.
 Upon completion75%
 Forty days after25%
 TOTAL COST, \$1,800.00
 Limit, 40 days. Plans and Spec. filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Schools |
| 7.—Federal Buildings | 17.—Banks, Stores and Offices |
| 8.—Club Buildings | 18.—Theatres |
| 9.—Hospitals | 19.—Wharves & Docks |
| 10.—Hotels | 20.—Misc. Const. |
| | 21.—Misc. Supplies & Etc. |

1— APARTMENTS

Plans Completed
APARTMENTS Cost, \$25,000
 UKIAH, Mendocino Co., Calif.
 Two-story frame and stucco apartment and store building.

Owner—Paul W. Poulos, Ukiah.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Bids will be asked shortly.
 (1937) 1st rep. Nov. 7, 1933. • 1

3— CHURCHES

To Be Rebuilt
CHURCH Cost, \$20,000
 GILROY, Santa Clara Co., Cal. 4th and Church Streets.

Rebuild church recently destroyed by fire.

Owner—Methodist Church (Rev. E. C. Cox, pastor).

Architect—Not Selected.
 Church will be rebuilt on the same location in the near future. 3

4— FACTORIES & WAREHOUSES

Planned
STOVE FACTORY Cost, \$.....
 IRVINGTON, Alameda Co., Calif.
 Enlarge present Reid Bros. plant (addition of foundry and enameling plant; construction of several employees' residences).

Owner—John H. Sattler, Gorman.
 Architect—Not Given.

Plans are completed and construction is to start as soon as contracts are let.

FIRE LOSS

PORTERVILLE, Tulare Co., Calif.
 Fire recently destroyed the Spalding Lumber Company warehouse on E Street, Porterville, with damages estimated at \$10,000. 4

Construction Underway
PLANT Cost, \$60,000
 BERKELEY, Ala. Co., Calif. Austin Way.

Construction of two-story reinforced concrete printing plant.

Owner—Lederer Street Printing Co., 2167 Center St., Berkeley.
 Architects—Masten & Hurd, 442 Post St., San Francisco.

Contractor—Empire Construction Co., Russ Bldg., San Francisco.

Building now occupied by owners will be demolished to make room for construction of the new University of California Press bldg.

7— FEDERAL BUILDINGS

CONTRACT AWARDED

SAN DIEGO, Cal.—Associated Piping and Supply Co., Los Angeles, at \$83,090, awarded contract by Bureau of Yards & Docks, Navy Department Washington, D. C., under Spec. No. 8961, for Diesel oil tank, pumping plant, etc., at the Naval Operating Base (Fuel Depot), San Pedro.
 (1020) 1st report Oct. 15; 2nd, Nov. 21, 1933. 7

CONTRACT AWARDED

ONTARIO, Oregon.—Ontario Steel Metal Works, Ontario, Oregon, at \$1,995 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for lawn sprinkler system at the U. S. P. O., Ontario. 7

CONTRACTS AWARDED

SAN DIEGO, Calif.—Emil Brown, Los Angeles, at (2) \$31,666; West Coast Gas Engine Co., San Diego, at (3) \$7,678; and Robt. S. Steen Co., Los Angeles, at (47) \$17,492 awarded contracts by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 9018, for galley and cold storage equipment for the Naval Destroyer Base, San Diego.

BIDS WANTED

MARE ISLAND, Solano Co., Cal.—As previously reported, until Dec. 14, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for extension of 1000 feet to Quaywall at the Navy Yard, Mare Island; Spec. No. 9039. Est. cost, \$800,000.

Work includes concrete and steel sheet piles; concrete walls, pipe tunnel, and crane track foundations; timber platform on wood piles; wood fender system; electric conduits; hits; and filling.

Plans and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of \$10.00, check or postal money order payable to the Chief of the Bureau of Yards & Docks.

Following have taken out plans: Healy-Thibbits Const. Co., 1 Drumm St., San Francisco.

Moore Dry Dock Co., foot of Adeline St., Oakland.
 Clinton Const. Co., 923 Folsom St., San Francisco.

CONTRACTS AWARDED

WASHINGTON, D. C.—The Navy Dept. has awarded contracts for the construction of battleships as follows:

Bethlehem Shipbuilding Corporation, Quincy, Mass., one at \$49,815,000.
 Newport News Shipbuilding & Dry Dock Co., one at \$49,540,000.

The third battleship to be constructed will be built at the government yard at Norfolk, Va. It will cost approx. \$49,500,000.

The contract for a fourth ship will not be awarded until further study of the bids received. 7

BID OPENED

GRAND JUNCTION, Colo.—Otis Elevator Co., Washington, D. C., at \$10,450 submitted only bid to the Procurement Division, Public Buildings Branch, Wash., D. C., for elevators in the U. S. P. O., and Court House at Grand Junction, Colo.

Bids Opened POSTOFFICE

BRAWLEY, Imperial Co., Calif.
 New United States Post Office.
 Owner—United States Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
 Low Bidder—James I. Barnes Const. Co., Builders' Exchange Building, Santa Monica, \$92,618.

The three low bids were:
 Jas. I. Barnes Const. Co., Santa Monica, Compton.....\$92,618
 T. P. Schultz, Los Angeles..... 95,700
 Geo. Goedhart, Los Angeles.....103,600

BIDS REJECTED

BERKELEY, Alameda Co., Calif.—Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids received Sept. 2 for plumbing fixtures and repairs at the U. S. P. O. at Berkeley. Specifications will be revised and work re-advertised. 7

BIDS WANTED

FITZSIMMONS, Colo.—Until Dec. 6 bids will be received by the War Department, Q.M. Construction Division, Washington, D. C., for booster pumping station and 150,000-gallon water tank at Fitzsimmons General Hospital, Fitzsimmons, Colo. 7

BIDS WANTED

HICKAM FIELD, T. H.—Until Jan. 6, 11 A. M., P.S.T., at the Office of the Constructing Quartermaster, Ft. Mason, San Francisco; and until Jan. 6, 8:30 A. M., H.S.T., at the Office of the Officer-in-Charge of Construction, Hickam Field, T. H., and until Jan. 6, 2 P. M., E.S.T., at the Office of the Constructing Quartermaster, 39 Whitehall St., New York City, bids will be received for construction and completion of the A. C. Barracks (3200 men) at Hickam Field, T. H. Estimated cost, \$1,350,000.

Plans and specifications may be obtained from any of the above offices upon deposit of certified check of \$25, payable to the Finance Officer.

Bids Opened

GRAND JUNCTION, Colo.—Wickes Engr. & Constr. Co., Des Moines, Iowa, at \$163,970, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for extension and remodeling (except elevator), of the U. S. P. O. and Court House at Grand Junction, Colo.

Complete bids follow:
 Wickes Engr. & Constr. Co., Des Moines.....\$163,970
 Griffin Constr. Co., N.Y.C..... 178,371
 Lundberg-Richter Co., Inc., Madell, Okla..... 186,700
 Blauner Constr. Co., Chicago, Ill..... 193,400

BIDS WANTED

CORDOVA, Alaska—Until Dec. 9, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting and caulking exterior frames, at the U. S. P. O. and Courthouse, at Cordova, Alaska. 7

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—Harry Gunther, Sacramento, at \$7,791 under items 1 and 4 awarded contract by the War Department for construction and completion of Garage buildings at the Air Depot; Spec. No. 323-E.

BIDS OPENED

SALEM, Ore.—C. S. Whitcomb, Salem, Ore., at \$1,793 submitted low bid to the Procurement Division, Public Bldgs. Branch, Wash., D. C., for lawn sprinkler system, at the U. S. P. O., at Salem.

Complete bids were:

Oregon	\$1,793.28
John B. Nathem, Salem, Ore.	1,975.00
Muelgenist Irrigation Co., Salem, Ore.	2,000.02
Nelson Bros., Inc., Salem, Ore.	2,262.00
Henry L. Grohns, Decatur, Ill.	2,988.00

Contract Awarded**INDUSTRIAL BLDG.**

BERKELEY, Alameda Co., Cal. 5th and Grayston Streets.

Part 2-3- and 4-story steel frame industrial building with concrete walls and floors (approx. 160x220) Owner—West Coast Kalsomine Co., 5th and Grayston Sts., Berkeley. Plans by Engr. Department of Owner Contractor—John F. Tulloch, 335 8th St., Oakland.

CONTRACT AWARDED.

MARE ISLAND, Solano Co., Calif.—K. E. Parker Co., 135 South Park, San Francisco, at \$269,500 awarded contract by the U. S. Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8836, for a hospital corpsmen's dormitory and a nurses' quarters at the Naval Hospital, Mare Island.

BIDS OPENED

SALINAS, Monterey Co., Calif.—Rodeo Electric Co., 11 W. San Luis St., Salinas, at \$9,500 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for signal system at the U. S. P. O., at Salinas.

Only other bid submitted by Tlce Electrical Shop, Monterey, at \$89.15

CONTRACT AWARDED

RENO, Nev.—Wine & Williams, 1291 Plumas St., Reno, at \$1,822 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for sidewalk replacement, wire grille partitions and miscellaneous repairs at the U. S. P. O., at Reno.

BIDS WANTED

WASHINGTON, D. C.—Bids are now being received (no opening date set) by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. 9003; for forty 50-ton traveling job cranes; one gas electric operated, and others diesel electric operated, at the Boston, Philadelphia, Mare Island and Puget Sound navy yards.

Plans and specifications may be obtained from the above office upon deposit of \$10, payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—As previously reported, until Dec. 14, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for construction of Quaywall at the Navy Yard, Mare Island; Spec. No. 9039. Estimated cost, \$800,000.

Plans and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of \$10.00.

Following have taken out plans:

Healy-Tibblits Const. Co., 1 Drumm St., San Francisco.

Moore Dry Dock Co., foot of Adeline St., Oakland.

Clinton Const. Co., 923 Folsom St., San Francisco.

BIDS WANTED

WINCHESTER BAY, Ore.—Until Dec. 16, bids will be received by the Treasury Department, U. S. Coast Guard, Washington, D. C., for construction of a 2-story frame dwelling (32x46-ft.), with a 1-story wing (17x17-ft.) on each end, all having concrete foundations with basement; a frame equipment building (32x61-ft.) having a concrete foundation, concrete floor, and concrete approach slab; all complete with electric, plumbing, heating facilities, etc.; together with all accessories required to construct the work at the Ompqua River, U. S. Coast Guard Station, Winchester Bay, Ore.

BIDS WANTED

LONG BEACH, Calif.—Until Dec. 8, bids will be received by the Custodian of the Building, for Handrails and Bush Hammering, Entrance Steps at the U. S. P. O., at Long Beach.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—As previously reported, until Dec. 14, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for structural steel frame work for machine shop (250x900-ft.) at the Navy Yard, Mare Island. Spec. No. 9044. Est. cost, \$600,000.

Specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$20, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

FITZSIMMONS, Colo.—Until Dec. 29 bids will be received by the War Department, QM Construction Division, Washington, D. C., for the construction of a hospital building at Fitzsimmons General Hospital, Fitzsimmons, Colo. Est. cost, \$3,650,000. Plans and specifications obtainable from the above office.

CONTRACT AWARDED

FORT LEWIS, Wash.—J. W. Bailey Const. Co., Insurance Bldg., Seattle, at \$83,700 under Items 1, 2 and 3 awarded contract by the War Department, Washington, D. C., for construction of a hospital building at McChord Field, Wash.

November 18, 1938

CONTRACT AWARDED

HICKAM FIELD, T. H.—Robert E. McKee, 4700 San Fernando Rd., Los Angeles, at \$59,350, under Items 1, 3, 4, 5, and 6, awarded contract by the War Department, Washington, D. C., for construction of the Fire Station and Guardhouse at Hickam Field Territory of Hawaii.

CONTRACT AWARDED

MARE ISLAND, Solano Co., Calif.—George J. Maures, 50 York Drive, Piedmont, at \$170,889 awarded contract by the Public Works Officer, U. S. Navy Yard, Mare Island, Calif., for erection of a high frequency transmitting station including buildings and accessories at the U. S. Navy Yard, Mare Island, Spec. 8932.

CONTRACT AWARDED

SAN DIEGO, Calif.—M. H. Golden, 531 Bank of America Bldg., San Diego, at \$188,000 (Item 2) awarded contract by the Bureau of Yards and Docks, Navy Department, Wash-

ington, D.C., for 8 moorings, consisting of concrete platforms supported by precast concrete cylinder on wood piles at the Naval Operating Base, San Diego; Spec. No. 8908.

COMPLETE BIDS

WHIPPLE, Ariz.—Anchor Fence Co., Eastern Ave. and Kane Street, Baltimore, Md., at \$7,184, submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for constructing and finishing complete a chain link fence and gates at the Veterans' Facility, Whipple, Ariz.

Complete bids follow: Anchor Fence Co., Baltimore, Md., (1) \$7,184, (2) \$6,194.

Pacific Fence Co., L. A., Calif., (1) \$7,429.

Standard Fence Co., L. A., Calif., (1) \$8,400, (2) \$6,300.

Whiting Mead Co., L. A., Calif., (1) \$9,500.

Wickwire Spencer Steel Co., N.Y. Co., (1) \$9,607.

W. E. Orr, Phoenix, Ariz., (1) \$10,615.31

Pearson & Dickerson, Prescott, Ariz., (1) \$12,300.

Levis Bros., Phoenix, Ariz., (1) \$12,888.

Siebel Erection Co., Davenport, Iowa, (1) \$18,169.50, (2) \$5,500.

LOW BIDDER

SAN FRANCISCO.—Clinton Construction Company, 923 Folsom St., San Francisco, at \$24,900 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for installation of gates, floodlights and for construction of misc. approach work at the U. S. Mint at San Francisco.

CONTRACT AWARDED

SAN DIEGO, Calif.—Hunt & Curry Co., 1701 "B" St., San Diego, were awarded a contract by the Bureau of Yards and Docks in Washington, Nov. 16, at \$235,500 for the construction of North Extension to Final Assembly Shop at the Naval Air Station, San Diego, Spec. 8934. The award was made on Proposal No. 2 (omitting north 40 ft. of bldg. extension) at \$270,000, with a deduction of \$34,500 for omission of shop mezzanine floor and paint spray booth.

It was previously reported in error that contract had been awarded Hunt & Curry for Diesel Oil Tank, pumping plant, foam generating plant and oil piping system at the Naval Operating Base (Fuel Depot), San Diego; Spec. 8961.

BIDS WANTED

ATAMBEDA CO., Calif.—Until Nov. 30, 11 A. M., (postponed from Nov. 23), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for foundations for shop at the Naval Air Station, Alameda, consisting of composite piling; concrete pile caps, struts, spandrel beams, and pedestals; and test piles. Spec. No. 8609. Est. cost, \$250,000.

Drawings and specifications obtainable from the above office and from the Commandant, 12th Naval District, Federal Office Building, Civic Center, San Francisco, upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED

SAN DIEGO, Calif.—Consolidated Terrazzo Co., Inc., 2668 Long Beach Ave., Los Angeles, at \$1,150 submitted low bid to the Public Works

Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for terrazo floors in Dispensary Barracks and Bachelor officers quarters building at the 11th Naval District (Fleet Air Base), San Pedro, Spec. No. 9015.

A. Corradini and Sons, Los Angeles, at \$1,333 submitted only other bid.

CONTRACT AWARDED

PEAR HARBOR, T. H.—Ralph E. Woolley, Honolulu, at \$28,350, under items 1, 2, 7 and 9, awarded contract by the Bureau of Yards and Docks, Navy Dept., Wash., D. C., for swimming pool and handball courts at the Naval Fleet Air Base, Pearl Harbor, T. H., Spec. No. 8944.

BIDS WANTED

DENVER, Colo.—Until Dec. 14, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for misc. repairs, changes, etc., at the U. S. Custom House, at Denver, Colo.

Specifications may be obtained from the above office and from the Custodian of the Building at Denver.

COMPLETE BIDS

MARE ISLAND, Solano Co., Calif.—As previously reported, K. E. Parker Co., 135 South Park, San Francisco, at \$276,300 (item 1) submitted low bid to the U. S. Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 8836, for a hospital corpsmen's dormitory and a nurses' quarters at the Naval Hospital, Mare Island.

Bids were received on the following items: (1) work complete for both buildings, (2) work complete, omitting two wings on corpsmen's dormitory, (3) work complete, omitting one wing on corpsmen's dormitory, (4) work complete, omitting one wing on nurses' quarters, (5) work complete, omitting one wing on corpsmen's quarters and two wings on corpsmen's dormitory, (6) work complete, omitting one wing on nurses' quarters and one wing on corpsmen's dormitory.

Low bidders follow:
K. E. Parker Co., S. F., (1) \$276,300, (2) \$259,600, (3) \$268,500, (4) \$246,300, (5) \$230,190, (6) \$238,650.

James I. Barnes Constr. Co., Santa Monica, (1) \$283,000, (2) \$265,000, (3) \$274,000, (4) \$253,000, (5) \$234,000, (6) \$244,000.

MacDonald & Kahn Co., Ltd., S. F., (1) \$299,982, (2) \$272,185, (3) \$281,785, (4) \$260,961, (5) \$245,508, (6) \$254,704.

Azevedo Constr. Co., Sacramento, (1) \$309,000, (2) \$316,000, (3) \$327,000, (4) \$304,000, (5) \$285,000, (6) \$298,000.

LOW BIDDER

TACOMA, Wash.—Otis Elevator Co., Washington, D. C., at \$3,599, submitted the low bid to the Procurement Division, Public Works Bldgs. Branch, Washington, D. C., for furnishing and installing 1 new hydro-electric freight elevator including hoistway entrance doors, etc., complete, and removal of present hydraulic lift in the U. S. P. O. and Court House at Tacoma. (850) 1st rep. Oct. 19, 1938. • 7

BIDS WANTED

SACRAMENTO AIR DEPOT.—Until Nov. 29, 2 P. M. bids will be received by the Constructing Quartermaster, Sacramento Air Depot, under Bid No. QM 6870-39-10 for construction and completion of a Gasoline Fueling System for Engine Test Bldg., at the Air Depot.

Specifications may be obtained upon deposit of \$ payable to the Finance Officer, Fort Mason, San Francisco.

BIDS OPENED

SAN DIEGO, Calif.—The following bids received for Diesel oil tank, pumping plant, etc., at the Naval Operating Base (Fuel Depot), San Pedro, Spec. 8961, by the Public Works Officer, 11th Naval Dist., San Diego: Parkhill-Wade Co., (1) \$129,068; (2) \$4687; (3) \$3757; (4) \$728; (5) \$105; (6) \$3117; (7) \$8203; (8) \$3756; (9) \$39,951.

Associated Piping & Supply Co., (1) \$123,900; (2) \$4500; (3) \$4000; (4) \$100; (5) \$100; (6) \$3500; (7) \$9100; (8) \$8900; (9) \$39,300.

V. R. Dennis Const. Co., (1) \$126,437; (2) \$4470; (3) \$3625; (4) \$300; (5) no bid; (6) \$2600; (7) \$8840; (8) \$4460; (9) \$43,560.

Floor Corp., (1) \$126,800; (2) deduct \$4577; (3) deduct \$3574; (4) deduct \$1056; (5) deduct \$100; (6) deduct \$3500; (7) deduct \$9300; (8) \$1,200; (9) \$33,650.

C. C. Moore & Co., (1) \$129,428; (2) \$4134; (3) \$3094; (4) \$94; (5) \$422; (6) \$1909; (7) \$5998; (8) \$4100; (9) \$40,516.

Bennett & Taylor, (1) \$139,380; (2) \$4200; (3) \$2300; (4) \$150; (5) no bid; (6) no bid; (7) \$8900; (8) \$3800; (9) \$37,328.

The work consists of furnishing of materials for and installation of: (a) one 400,000-gal. capacity Diesel oil tank and appurtenant piping; (b) a foam generating bldg., foam generating equipment and piping within the bldg.; (c) a pumping plant bldg., oil pumping and oil hating equipment and piping within the bldg.; and (d) piping for oil bet. pumping plant and oil tanks and bet. pumping plant and outlets on the existing fuel pier.

BIDS OPENED

SAN DIEGO, Cal.—The following bids received by the 11th Naval District, San Diego, for galley and cold storage equipment for the Naval Destroyer Base, San Diego; Spec. 9018.

National Iron Works, (2) \$34,719.
West Coast Gas Engine Co., (3) \$7-678.

Commercial Refrig. Dist. Co., (3) \$9382.

French's Commercial Refrig. Co., (3) \$10,331.

Barker Bros., (1) \$62,584; (2) \$32,621; (3) \$9739; (4) \$20,194.

Baker Ice Machine Co., (3) \$9256.
Parker Mfg. Co., (3) \$8245.

Kohlenberger Engr. Co., (3) \$8734.
Southern Equipment Co., (2) \$36,822.

Mangus-Holbrook & Elkins, (2) \$33,840.

Independent Refrig. Co., (3) \$9720.
A. Ice Machine Co., (3) \$7950.

Dohmann Hotel Supply Co., (2) \$35,515.

Emil Brown & Co., (2) \$31,656.
Robt. S. Steen Co., (4) \$17,492.

BIDS OPENED

SAN DIEGO, Calif.—The following bids received for power plant equipment at the 11th Naval District, Fleet Training Base, San Clemente Island, Spec. 8977, by Public Works Officer, San Diego:

Fairbanks, Morse & Co., (1) \$35,390 (2) no bid; (3) add \$382; (4) add \$237.

Bennett & Taylor, Los Angeles, (1) \$35,952; (2) deduct \$410; (3) add \$350; (4) add \$216.

Los Angeles Contr. Co. and O. W. Karn (1) \$38,000; (2) add \$20; (3) add \$800; (4) add \$675.

Hudson & Tucker, (1) \$38,588; (2) deduct \$353; (3) add \$350; (4) add \$216.

Pacific Enterprise Pro. Inc., (1)

\$42,360; (2) deduct \$100; (3) add \$333 (4) add \$205.

Cory & Joslin, (1) \$42,800; (2) deduct \$350; (3) add \$880; (4) add \$720.

Floor Corp., (1) \$43,680; (2) add \$50; (3) add \$396; (4) add \$242.

C. C. Moore & Co., (1) \$50,156; (2) add \$150; (3) add \$404; (4) add \$249.

The work involves furnishing and installing two 100-kw. Diesel engine generating sets; engine starting, cooling and fuel-oil systems; switch-board; concrete foundations and floor pipe trenches and cable pit; electric conduit, wiring and lighting in bldg.

COMPLETE BIDS

SAN FRANCISCO—Clinton Construction Company, 923 Folsom St., San Francisco, at \$24,900 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for installation of gates, floodlights and for construction of misc. approach work at the U. S. Mint at San Francisco.

Complete bids follow:
Clinton Construction Co., (1) 24,900 (2) add \$1,700.

Severin Electric Co., (1) \$29,100 (2) add. \$1,955.

8— CLUB BUILDINGS

November 22, 1938

Contract Awarded
ALTERATIONS & ADDITIONS
SAN FRANCISCO—Ingleside, near Junipero Serra Blvd.
Alterations and additions to golf clubhouse.

Owner—San Francisco Golf Club.
Architect—Lewis P. Hohart. Crocker Bldg., S. F.

Contractor—A. F. Mattock, 212 Clara Street, S. F.

9— HOSPITALS

Low Bidder
ALTER HOSPITAL Cost, \$.....
RED BLUFF, Tehama Co., Calif.
Alterations to hospital building.
Owner—St. Elizabeth Mercy Hospital, Red Bluff.

Architect—L. Brouchoud 3317 Woodland Ave., Chico.

Low Bidder—Harry Porter, Gerber.
Bids will be rejected as too high and plans re-figured.

CONTRACTS AWARDED

VENTURA, Calif.—Ventura County Supervisors, Nov. 21, awarded the following contracts for furnishing and installing kitchen equip. and refrigeration in the tuberculosis unit at Ventura county hospital: Barker Bros., special equip., including dishwasher, at \$3690.12; Standard Kitchen Equipment Co., range battery at \$495.59, electric mixer at \$484.14, vegetable cooker at \$373.14, and butcher's block at \$23.50; Van Fleet-Freer Co., walk-in refrigerator at \$720; Fred E. Snodgrass, reach-in refrigerator at \$472.66; Kelvinator, refrigeration unit, including coils, at \$807.96. Harold E. Burkett, architect, 468 Main St., Ventura. 9

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

Funds Allotted
FIRE STATION Cost, \$120,000
BAKERSFIELD, Kern Co., Calif.
Two-story and part basement, reinforced concrete fire station.

Owner—City of Bakersfield.
Architect—Chas. H. Biggar, 554 Harberfelde Bldg., Bakersfield.

PWA has approved grant of \$54,000. (1) 1st report June 25; 2nd, July 15, 1938. 13

CONTRACT AWARDED

SANTA MONICA, L. A. County, Calif.—Campbell & Kelly, 253 Broadway, L. A., awarded general contract by the City of Santa Monica, at \$169,840 (subject to PWA approval), for construction of a new city hall on Olympic Blvd., between 4th and Main Sts. Donald B. Parkinson, 434 Title Insurance Bldg., L. A., and Joe M. Estep 7073 Hollywood Blvd., L. A., are the architects. 13

Bids Wanted—To Close November 30, 11 A. M.

DETENTION HOME Cost, \$100,000
EUREKA, Humboldt Co., Calif.
Construction of new detention home and vaulting building.
Owner—County of Humboldt, (Fred M. Kay, Clerk).

Architect—Frank T. Georgeson, 537 G St., Eureka

Plans and specifications may be obtained from the architect's office upon deposit of \$20, returnable.

Bids must be accompanied by cashier's or certified check or bid bond for 5% of bid payable to the Clerk and will be opened at 11:15 A. M., Nov. 30 in Supervisors Room, County Court House, Eureka.

Contract Awarded

CLASS Cont. Price, \$1,668
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Lead Glass for Map in the Pacific Bldg.; Contract No. 198.5.

Owner—S. F. Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by S. F. Bay Exposition Architectural Commission, 585 Bush St., S. F.

Contractor—Cohledick-Kibbee Glass Company, Washington at Third Sts., Oakland.

BIDS OPENED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$177 submitted low bid to the Dept. of Public Works, City Hall, for acoustical treatment of the ceiling of the Chief Administration Office, City Hall.

Complete bids follow:
Western Asbestos Co. \$177.00
Van Arsdale-Harris

Lumber Co. 244.81
Van Fleet Freear Co. 257.00
13

BIDS OPENED

YERBA BUENA SHOALS.—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$47,500 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, for general construction of the Floriculture Bldg. on Yerba Buena Shoals.

Only other bid submitted by D. W. Nicholson, Oakland, at \$50,491.

BIDS OPENED

YERBA BUENA SHOALS.—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$30,724 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, for general construction, interior finish and facilities for Agricultural Exhibit in Exposition Palace No. 7-A, on Yerba Buena Shoals.

Only other bid submitted by Fred J. Early, Jr., San Francisco, at \$36,844.

BIDS OPENED

YERBA BUENA SHOALS.—H. C. Reid & Co., 389 Clementina St., San Francisco, at \$29,475, submitted

low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, for electrical work for the Auditorium Bldg. on Yerba Buena Shoals.

Complete bids follow:
H. C. Reid & Co. \$29,475
Victor Lemoge 29,900
Spencer Electric Co. 31,476
E. J. Lynch Electric Co. 34,606

Contract Awarded
EXCAVATION Cont. Pr., \$25,826
OLYMPIA, Washington.

Excavation contract for State Office building, Capitol group, which will include grading and sewers for the State Capitol buildings.

Owner—State of Washington, State Capitol Committee, A. C. Martin, Secretary

Architect—Jos. H. Wohleb, Olympia.
Contractor—H. J. Adler Constr Co., Yakima. 13

BIDS WANTED

VENTURA, Calif.—Until Dec. 5, 5 P. M., (bids to be opened at 7:30 P. M. on that day), bids will be received by the City of San Buenaventura for the construction of and equipping a 4-story water treatment plant (40x40 ft.), on Ventura-Ojai Road, 6 miles north of the city, a PWA project. Plans and specifications may be obtained from Taylor & Taylor, engineers, 725 S. Spring St., L. A., upon deposit of \$20. Certified or cashier's check or bond for 10% required. Equipment will include a complete filtration and softening system. Total est. cost, \$140,000. 13

Contract Awarded

CHILDREN'S VILLAGE
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Four-acre toy town with stadium to seat 400 children, funhouse, playground, etc.

Owner—Golden Gate Amusement Company.

Architect—Mark Daniels, 101 Post St., San Francisco.

Contractor—Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., S. F.

Sub Contracts Awarded

YERBA BUENA SHOALS.—C. L. Wold Construction Co., Ltd., 4412 Fulton Street, San Francisco, awarded the following sub contracts for general construction of the San Francisco Building on Yerba Buena Shoals.
Lathing & Plastering—Wm. G. Gilmore, 666 Mission St.

Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Kitchen Equipment—Dohrmann Hotel Supply Co., 972 Mission St.

Terrazzo—P. Grassl & Co., 666 Mission St.

Ornamental Iron—F. Kern & Sons Artistic Iron and Bronze Works, 517 6th St.

Glass—W. P. Fuller & Co., 301 Mission St.

Mill Work—Anderson Bros. Planing Mill and Mfg. Co., Quint and Custer Sts.

All of San Francisco.

BIDS WANTED

SANTA CRUZ, Santa Cruz Co., Calif.—Until Nov. 30, 3 P. M., bids will be received by the City of Santa Cruz, S. A. Evans, City Clerk, for driving of piles in connection with the construction of an Auditorium and Fire House at Santa Cruz.

Plans and specifications may be obtained at the City Engineer's office, Santa Cruz City Hall, upon

deposit of \$25.
Bids will be opened at 9 P. M., Nov. 30, in the City Council Chamber, Room 105, Santa Cruz City Hall.

Bids Wanted — To Close Nov. 28, 3 P. M.

TOLL & TICKET BOOTHS
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

West Ferry, South Toll Structure and Ticket Booths; Contract No. 175.

Owner—San Francisco Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., S. F.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., S. F.

Plans and specifications obtainable from the above office, Room 222, upon deposit of \$20.00

Bids Wanted—To Close November 28, 3 P. M.

FERRY BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

East Ferry Bldg.; Contract No. 201.
Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications obtainable from the above office, Room 222, upon deposit of \$20.00.

Contract Awarded
WRECK BLDGS. Cont. Pr. \$945.00
SAN FRANCISCO. SIV cor. Golden Gate Ave. and Polk Street.

Wreck buildings designated as Nos. 501, 519, 521, 525, 535, and 543, situated on property owned by the State of Calif., and comprising the Easterly 181.6 ft. of the Western Addition Block No. 65, bounded by Golden Gate Avenue, Polk St., Redwood St. and Van Ness Avenue.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.

Contractor—Symon Bros., 1435 Market Street.

Contract Awarded
HEATING & VENTILATING
Contract Price, \$13,290

SANTA BARBARA, Santa Barbara County, Calif.

Heating and ventilating work in the National Guard Armory, including installation of new boiler, fans and sheet metal work.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building 12th and N Streets, Sacramento.

Contractor—Ott Hardware Co., 727 State St., Santa Barbara.

BIDS OPENED

SACRAMENTO, Calif.—Charles F. Unger, 2426 7th Ave., Sacramento, at \$15,224, submitted low bid to the City of Sacramento, H. G. Denton, City Clerk, for construction of Shon Bldg. at City Corporation Yard for City Water Department, Sacramento.

Total bids follow:
Chas. F. Unger, Sacramento, \$15,224
Holdener Const. Co., Sacto., 16,800
Azevedo Const. Co., Sacto., 17,124

BIDS WANTED

VISALIA, Tulare Co., Calif.—Until Dec. 5, 2:30 P. M., bids will be received by the County of Tulare, Gladys Stewart, Clerk, at the Court House, Bldg., Visalia, for construction of additions to and remodeling of the Tulare County Hospital lo-

cated on North Street in Visalia.

Plans and specifications may be obtained from the Clerk upon deposit of \$10, returnable.

Bids will be opened in the Court House.

Sub-Contracts Awarded PALACE AND FIRE HOUSE

Contract Price, \$206,556
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Palace of Fine Arts and Fire House No. 1; Contract No. 118-1.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Guy F. Atkinson Company, 662 Russ Bldg., San Francisco.

Reinforcing Steel—Ceco Steel Prod. Corp., 1280 Indiana St.

Structural Steel—Soule Steel Company, 1750 Army St.

Lumber—Loop Lumber Co., Central Basin.
Mill Work—Anderson Bros. Mill and Mfg. Co., Quint and Custer Sts.
Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.

Finish Hardware—Palace Hardware Co., 581 Market Street.

Glazing—W. P. Fuller & Co., 301 Mission Street.

Sheet Metal—Metals Const. Co., 683 Clementina Street.

Roofing—The Alta Roofing Co., 976 Indiana Street.

Magnesite Floors—Hoagland & Skuze 557 Market Street.

Plastering—Hermann Bosch, 2075 Folsom Street.

Ventilating—Ace Sheet Metal W'ks, 444 Clementina Street.

Electric Work—Victor Lemoge, 281 Natoma Street.
All of San Francisco.

CONTRACTS AWARDED

MODESTO, Stanislaus Co., Calif.—Modesto Electric Co., 1308 J Street, at 7,133 for electrical work; General Air Conditioning Co., 1313 J Street, Sacramento, at \$21,460 for heating and air conditioning; and California Metal & Pipe Co., 1302 Ninth Street, Modesto, at \$9,507 for plumbing awarded contract by the Board of Supervisors of Stanislaus County, for heating and air conditioning, plumbing and electrical work for construction of Unit No. 1 of Stanislaus County Courthouse.

Plans by Architect Russell G. de Lappe, Modesto.

14— RESIDENCES

Preparing Preliminary Plans
EXPOSITION MODEL HOME
EDGEWOOD PARK, Santa Mateo Co., Calif.

One-story Mexican Hacienda type residence (9 rooms) tile roof, bituadobe, etc.

Owner—Withheld.
Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Contract Awarded
RESIDENCE Cost, \$5000
SAN JOSE, Santa Clara Co., Calif.
McDaniel Ave., Rose Park Sub-division.

One-story frame residence (5 rooms) hardwood floors, tile baths and kitchen drain, cedar shingle roof, gas floor furnaces, etc.

Owner—Mr. Huff.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—Fasetta Const. Co., 2390 Park Ave., Santa Clara.

Contract Awarded.
RESIDENCE
SAN FRANCISCO, St. Francis Wood.
Two-story frame residence (hardwood floors, tile baths, etc.).
Owner—Westgate Park Company.
Architect—Angus McSweeney, 604 Mission Street.
Contractor—J. Prunt and Son, 2530 Fillmore Street.

Owner Taking Bids
RESIDENCE Cost, \$7,600
FRESNO, Fresno Co., Calif.
One-story English type residence (6 rooms) hardwood floors, tile bath, composition roof, brick tile trim)
Owner—Mrs. Porter, Cambridge Ave., Fresno.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed
RESIDENCE Cost, \$
SAN FRANCISCO, Thirty-first Ave. and Escalota Street.

One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, etc.

Owner and Builder—G. W. Morris, 95 Finchurst Avenue.
Architect—D. E. Jaekle, 126 Post St.

Sub Contracts Awarded
RESIDENCE
ORINDA, Alameda Co., Calif.
One-story frame residence (5 bedrooms, 3 baths), hardwood flrs., shingle roof, wood sash, oil burning furnace, all plaster interior, electric heaters, etc.

Owner—J. A. Herzog.
Architect—F. L. Confer, Claremont Hotel, Berkeley.

Roofing—Yosemite Roofing Co., 3700 Greencare Road.

Plumbing—W. H. Timmons, 316 15th Street, Richmond.

Electric Wiring—Preston A. Jones, 17 Eldridge Court, Berkeley.

Sheet Metal—Atlas Heating & Ventilating Co., Ltd., 1451 32nd St.

Tile Work—U. C. Tile Co., 1315 Chestnut St., Berkeley.

Sash & Doors—Western Door and Sash Co., 5th and Cypress Sts.
Window Shades and Linoleum—Walker Havens, 180 Grand Ave.

Hardwood Floors—Rich-Oak Hardwood Floor Co., 844 58th St.

Lumber—E. K. Wood Lumber Co., Frederick and King Sts.

Painting—Karl Eikeberg, 3408 Davis Street.

Lathing & Plastering—Claude R. Statton, 3432 School St.

All of Oakland, unless otherwise noted.

Preparing Plans
EXPOSITION MODEL HOME
SAN MATEO, Calif., San Mateo Terrace.

One-story Colonial type residence, (6 rooms) shingle roof, tile baths, hardwood floors, gas floor furnace, etc.

Owner and Builder—San Mateo Investment Company.
Architect—Arthur Janssen, Rt. 1, Box 113, Redwood City.

Preparing Plans
RESIDENCE
LINDENWOOD, San Mateo Co., Cal.
One-story Colonial type residence (10 rooms), wood and brick exterior, shingle roof, gas fired air conditioning system, hardwood floors, tile baths, etc.

Owner—H. B. Rooney.
Architect—Arthur Janssen, Rt. 1, Box 113, Redwood City.

Work Starts Shortly
RESIDENCE
HILLSBOROUGH PARK No. 2, San Mateo Co., Calif.
One-story California type ranch-house, (8 rooms) brick and wood exterior, wood shingle roof, gas fired air conditioning system, hardwood floors, tile baths, etc.
Owner—A. F. Kitchener.
Architect—Arthur Janssen, Rt. 1, Box 113, Redwood City.
Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

Contract Awarded
RESIDENCE Cost, \$8,375
LA FAYETTE, Contra Costa Co., Cal.
Two-story frame residence, (7 rms.) adobe walls first floor, moulded siding 2nd floor, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Oscar R. Thayer, 557 Market St., S. F.
Contractor—J. M. Walker, Berkeley.

Plans Being Figured
RESIDENCE
SAN CARLOS, San Mateo Co., Cal.
One-story frame with Redwood siding residence (7 rooms), hardwood floors, tile baths, gas fired hot air heating system, shingle roof, terrace.
Owner—Withheld.
Architect—Oscar R. Thayer, 557 Market St., S. F.

Plans are being figured by a selected list of contractors.

Contract Awarded
RESIDENCE
ATHERTON, San Mateo Co., Calif.
One-story frame residence, (3 bedrooms) wood shingle roof, hardwood floors, two car garage.
Owner—Mr. Plisk
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

RESIDENCE
BERKELEY, Alameda Co., Cal. Parnassus Court.
etc.

One-story frame residence (5 rooms) redwood exterior, hardwood floors
Owner—J. K. Sebra, c/o Architect.
Architect—Clarence W. Mayhew, 6026 Acacia St., Oakland.
Low Bidder—W. K. Kraus, 1310 Marin Ave., Albany.

Low Bidder
RESIDENCE
POINT RICHMOND, Contra Costa Co., Calif.
Two-story frame residence; hardwood floors, tile baths, etc.
Owner—Russell Ryan, c/o Arch. Designer—Miss Elizabeth Hilliery.
Architect—Angus McSweeney, 604 Mission St., S. F.
Low Bidder—J. B. Malmstrom, 6856 Broadway Terrace, Oakland.

Preparing Working Drawings
ALTERATIONS & ADDITIONS
SEBASTOPOLE, Sonoma Co., Calif.
Alterations and additions to residence involving shake roof, hardwood floors, gas fired hot air heating system, etc.
Owner—Harry Fuller, c/o Arch.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Completed
RESIDENCE
MILL VALLEY, Marin Co., Calif.
One-story and basement frame and Redwood siding residence; (6 rooms), wood and steel sash, composition roof, gas fired warm

air heating system, hardwood floors, tile bath, etc.
 Owner—Withheld.
 Architect—Mario Corbett, 72 Third Ave., San Mateo.
 Bids will be asked shortly.

Contract Awarded
RESIDENCE
PIEDMONT PINES, Alameda Co.
 Two-story frame and stucco residence (Colonial style, hardwood floors, tile bath, etc.)
 Owner—Mr. Senger, c/o Architect.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.
 Contractor—M. P. Rose, 6329 Shattuck Ave., Oakland.

Bids In—Held Under Advertisment.
RESIDENCE
BERKLEY, Alameda Co., Cal. Arlington Heights.
 Two-story frame residence (14 rooms 6 baths).
 Owner—Withheld.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

15—SCHOOLS

Bids Wanted—To Close Dec. 6, 11 A. M.
MODEL SCHOOL
RICHMOND, Contra Costa Co., Cal.
 Remodel and enlarge Nystrom Sch. auditorium; addition of stage, dressing rooms, rest rooms, etc.
 Owner—Richmond Union Elementary School District, (W. T. Helms, Supt.).
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Plans and specifications may be obtained from the architect's office upon deposit of \$10, returnable.
 Bids must be accompanied by certified check of 5% of bid and will be opened at the office of the Board at 235 Tenth St., Richmond.
 * 15 (1074) 1st rep. Nov. 21, 1938.

HIGH SCHOOL
 Cont. Price, \$138,341
HALF MOON BAY, San Mateo Co.
 One-story frame and reinforced concrete high school.
 Owner—Half Moon Bay High School District (Jos. F. George, Clerk).
 Architect—Thos. M. Edwards, 9 Geary St., San Francisco.
 Contractor—Frank J. Relly Co., 6350 Fulton St., S. F.

Contract awarded on total bid including acceptance of all alternate deductions except No. 7.
 Complete bids published Nov. 11.

BIDS WANTED
POINT ARENA, Mendocino Co., Cal.—Until December 7, 8:10 A. M., bids will be received by the Point Arena Union High School District, for the moving and remodeling of a gymnasium and shop located at Point Arena.

Plans and specifications may be obtained from the office of S. R. Pennock, Principal, at the Point Arena High School, upon deposit of \$5.00.

Bids will be opened in Room 2 at the high school.

CORRECTION—
Contract Awarded
ADDITIONS, ETC. Cont. Pr., \$13,967
SANTA CLARA, Santa Clara Co.
 Additions and alterations to girls' gymnasium at the high school.
 Owner—Santa Clara Un. High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.
 Contractor—Nielsen & Erbentraut, 82

Hollywood Ave., San Jose.
 Contract price previously reported in error.

Contract Awarded
SCHOOL Cont. Price, \$39,480
MARTINEZ, Contra Costa Co., Cal.
 Block bounded by Almond Street, Vine Ave., Sycamore Street and Palm Avenue.

Construction of 1-story frame Mtn. View primary school building to contain classrooms and kindergarten.
 Owner—Martinez School District (W. A. Ormsby, Clerk).
 Architect—Harold H. Weeks, 593 Market St., San Francisco.
 Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond.

New Bids Wanted—To Close Dec. 2, 7 P. M.
SCHOOL Est. Cost, \$60,000
BENICIA, Solano Co., Calif.
 One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.

Owner—Benicia Unified School District.
 Architect—Harold H. Weeks, 593 Market St., San Francisco.
 As previously reported plans and specifications obtainable after Nov. 21, from the architect's office upon deposit of \$20, returnable.

Bids will be received until Dec. 2, 7 P. M., and opened at 8 P. M., of that date in the office of the Benicia High School.

Bids opened November 7 were rejected at which time Grant-Martinielli Const. Co., San Francisco, submitted low bid at \$82,898.

November 18, 1938
HIGH SCHOOL Est. Cost, \$130,000
ALTURAS, Modoc Co., Calif. Main Street.

One-story high school building.
 Owner—Modoc Un. High School Dist. Architect—Masten & Hurd, 442 Post St., San Francisco.

PWA grant of \$76,000, together with bonds recently voted, will finance construction.

Plans and specifications may be obtained from the architect's office of the Board of Trustees, at the high school, upon deposit of \$25.00.

Bids will be opened at the high school.

Following have taken out plans—
 M. R. Peterson, 1116 O St., Sacramento.

Moore & Roberts, 693 Mission St. San Francisco.

C. H. Dodd, 1425 W. Harding Way, Stockton.

Bids Wanted—To Close Dec. 8, 8 P. M.
HIGH SCHOOL Cost, \$227,000
SACRAMENTO CO., Calif. About 15 miles northeast of Sacramento.
 San Juan High School.

High school plant to contain twelve classrooms, gymnasium, auditorium, agricultural shop, cafeteria, dramatic arts room, administration offices and boiler room.

Owner—San Juan Union High School District.
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

PWA grant of \$102,375 allotted, which, together with bonds voted recently in the amount of \$125,000, will finance construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened at the high school.

Following have taken out plans:

M. R. Peterson, 1116 O St., Sacramento.
 Otto Stelbrenner, 2657 Land Park Drive, Sacramento.
 Lindgren and Swinerton, Inc., 619 H St., Sacramento.
 H. W. Robertson, 3004 F St., Sacramento.
 Azevedo Const. Co., 920 O Street, Sacramento.

BIDS WANTED
KERN COUNTY, Cal.—Until Dec. 3, 8 P. M., bids will be received by the Panama School District for a classroom, auditorium and cafeteria building to be built at the Panama school in Kern County, a PWA project. It will be a 1-story frame and stucco structure with tile and composition roofing, oil-burning, steam heating system, steel and wood sash, lino. floor covering, kitchen equipment. Est. cost, \$80,000. Plans obtainable from Symmes & Willard; Stanton Willard, architect, 1314 17th St., Bakersfield, upon deposit of \$25.
 Donald F. Shugart, structural engineer, Los Angeles; Del Reynolds, mechanical engineer, Los Angeles.

Work Underway
SCHOOL Cost, \$.....
SHASTA, Shasta Co., Calif.
 Construction of an elementary school building.
 Owner—Shasta Elementary Sch. District (John W. Strode, Clerk).
 Architect—Masten & Hurd, 442 Post St., San Francisco.
 Contractor—R. N. Altermatt, 1407 California St., Redding.

Award Approved
SCHOOL Cont. Price, \$10,362
SACRAMENTO, Calif.
 Construction of a classroom addition at Crocker Elementary School.
 Owner—Sacramento City Unified Sch. District (Chas. C. Hughes, Secy.).
 Architect—Starks & Flanders, Bank of America Bldg., Sacramento.
 Contractor—Chas. F. Unger, 2528 Seventh Ave., Sacto.
 Award of contract approved by PWA.

Plans Completed
REMODEL SCHOOL
RICHMOND, Contra Costa Co., Cal.
 Remodel and enlarge Nystrom Sch. auditorium; addition of stage, dressing rooms, rest rooms, etc.
 Owner—Richmond Union Elementary School District, (W. T. Helms, Supt.).
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Contract Awarded
SCHOOL Cont. Pr., \$65,975
SAN MATEO, San Mateo Co., Calif.
 Baywood, SW Cor. Park Blvd. and Notre Dame Avenue.

One-story frame and stucco grammar school building.
 Owner—San Mateo School Dist. (A. A. Gugel, Clerk).
 Architects—W. H. Toepeke, 74 Nev. Montgomery St., Thomas M. Edwards, 9 Geary St., and H. A. Schary, 605 Market Street, S. a Francisco.
 Contractor—Nielsen and Erhentraut, 201 S. Market St., San Jose.
 Award of contract approved by the PWA.

Contract Awarded
HIGH SCHOOL Cont. Pr., \$98,889
McARTHUR, Shasta Co., Calif.
 Construction of a new high school building.
 Owner—Fall River Joint Union High School Dist. (A. Frederick Bunge, Sec'y.).

Architect—Masten & Hurd, 442 Post St., San Francisco.
 Contractor—Empire Const. Co., Russ Bldg., San Francisco.
 Contract awarded subject to the approval of the PWA.

Sub Contracts Awarded

LAW & LIBRARY BLDG.
 Cost, \$100,000
SANTA CLARA, Santa Clara Co., Calif.

Two-story reinforced concrete, steel frame law and library building to contain four classrooms, professors offices, library and court room.

Owner—University of Santa Clara.
 Architects—Binder & Curtiss, 35 W. San Carlos St., San Jose.
 Structural Eng.—W. D. Lotz.
 Contractor—George L. Honore, 136 Race St.
 Electric Wiring—Guilbert Bros., 286 W. Santa Clara, San Jose.
 Heating—A. G. Grattan, 702 Asbury St., San Jose.
 Concrete—J. C. Bateman, 599 Stockton Ave., San Jose.
 Mill Work—Pacific Mfg. Co., Santa Clara.

Plumbing—Mark Cox, 1091 Carolyn Ave., San Jose.
 Reinforcing Steel—San Jose Steel Co., 1344 The Alameda, San Jose.
 Structural & Ornamental Steel—Schneider Iron Works, Inc., 1247 Harrison St., S. F.
 Lumber—S. H. Chase Lumber Co., 547 W. Santa Clara St., San Jose.
 Plastering—Caccamo Bros., 520 Race St., San Jose.
 Rubber Tile & Linoleum—Peterson & Cobby Co., 363 Clementina St., San Francisco.

Windows—Universal Window Co., 950 Parker St., Berkeley.
 Acoustic Tile—Western Asbestos Co., 675 Townsend St., S. F.
 Insulation—Gunn Carle Co., 20 Potrero Ave., S. F.
 Roofing—F. Hayden, 400 Stockton Ave., San Jose.

Award Recommended.

SCHOOL BLDG.
ROSEVILLE, Placer Co., Calif.
 One-story frame and stucco shop building to contain wood work shop, auto mechanic shop and machine shop and five classrooms.

Owner—Roseville Union High School Board, W. W. Zell, Clerk.
 Architect—E. G. Ernst, 651 East Harding Way, Stockton.
 Low Bidder—H. E. Henning, 1751 Berkeley Ave., Stockton \$45,550.
 General bids were received with the following alternate deductions:
 (1) omit certain painting (2) omit tile roof (3) omit asphalt tile floor.
 Complete bids follow:

H. H. Henning, Stockton45,550
 (1) 700 (2) 1800 (3) 800.
 Alfred J. Hopper, S. F. \$46,316
 (1)1330 (2) 2090 (3) 780.
 Holdener Construction Co., Sacramento \$46,674 (1) 1180 (2) 1900 (3) 700
 C. A. Hillberg, Turlock \$47,974
 (1) 300 (2) 900 (3) 700.
 Lawrence Construction Co., \$48,-656 (1) 350 (2) 200 (3) 630.

Recommendation made to PWA that contract be awarded to low bidder on basic bid without including any alternate deductions.

Contract Awarded
ADDITION Cont. Pr., \$15,480
KETTLEMAN CITY, Kings Co., Cal.
 Addition to grammar school (frame construction).
 Owner—Reefe - Sunset Union School District.
 Architect—Ernest J. Kump, Rowell

Bldg., Fresno.
 Contractor—Erickson & House, Route 2, Box 400-X, Fresno.
 Complete bids were:
 Erickson & House, Fresno.....\$15,480
 Midstate Const. Co., Fresno..... 15,973
 R. W. Brown Const. Co., Ma-dera 16,398
 Harria Const. Co., Fresno 16,733
 T. C. & W. H. Irwin, Fresno..... 16,876
 Hodgson & Sons, Porterville..... 16,950

Bids Wanted—To Close Dec. 12, 11 A. M.
PRESS BLDG. Cost, \$.....
BERKELEY, Alameda Co., Calif.
 General construction of the University Press building on the Berkeley campus of the University of California.
 Owner—University of Calif., Berkeley
 Architect—Not Given.
 Bids must be submitted to the office of the Cashier, University of California, Berkeley, not later than Dec. 12, 11 A. M. Plans and specifications obtainable from the office of the Cashier upon deposit of \$100. 15

CONTRACT AWARDED

LOS ANGELES, Calif.—J. & B. Constr. Co., 5572 Valley Blvd., L.A., awarded general contract by L. A. Board of Education, at \$77,811, for a one-story auditorium bidg. to be built at the Samuel Gompers Jr. high school, 234 E. 112th Street, a PWA project. Myron Hunt and H. C. Chambers, architects, 408 South Spring St.; C. Deuel, structural engineer; E. L. Ellingwood, mechanical engineer; Vern O. Knudsen, acoustical engineer. 15

Bids Wanted—To Close Dec. 2
GYMNASIUM Cost, \$108,000
THE DALLES, Oregon.
 One story structural steel gymnasium (80x120 ft.); common brick exterior composition roof, maple floors, concrete piling, steel sash, team heating system, lockers.
 Owner—School District 12, Prudence Patterson, Clerk, The Dalles.
 Architect—John W. Maloney, Larson Bldg., Yakima.
 Plans obtainable from the architect's office. 15

Bids Wanted—To Close Dec 12, 11 A. M.
PRESS BLDG.
BERKELEY, Alameda Co., Calif.
 University of California campus (Oxford and Center Sts.).
 Three-story University Press Bldg. to house press and printing plant.
 Owner—Regents of the University of California.

Architects—Masten & Hurd, 442 Post St., San Francisco.
 PWA grant in the amount of \$100,000 allotted to aid in financing.
 As previously reported, plans and specifications may be obtained from the Cashier, University of California, Berkeley, upon deposit of \$100.

Sub Contracts Awarded
GYMNASIUM, ETC.
SAN FRANCISCO, George Wash-ington High School, Geary Blvd. & Balboa Street and 30th and 32nd Avenues.

General construction, mechanical equipment and electrical work for construction of gymnasium and athletic field unit; gym 165x110 ft. of reinforced concrete and steel frame construction, folding door dividing girls' and boys' gyms; offices, showers, lockers, and locker rooms and two grandstands each 318 ft. long, seating

3000 each, and football field; two bituminous-surfaced play yards.
 Owner—City and County of San Francisco.
 Architects—Miller and Pfiueger, 580 Market Street
 General Constr.—Meyer Constr. Co., 735 Portola Drive, \$347,470.
 Mech. Equip. & Plumbing—Herman Lawson Co., 465 Tehama St., \$65,-303.

Electrical Work.— Delatour Electric Co., 735 Tehama St., \$14,885.
 General Construction
 Brick Work—White & Gloor, 448 Monadnock Bldg., \$2,888.
 Folding Partitions—D. A. Pancoast, 118 New Montgomery St., \$4,355.
 Wood Floors—Acme Floor Co., 1049 Mission St., \$5,164.
 Misc. Iron—Monarch Iron Works, 262 7th St., \$10,360.
 Steel Sash—Souie Steel Co., 1750 Army St., \$3,768.
 Sheet Metal—Fire Protection Products, 1101 16th St., \$3,493.
 Glass—W. P. Fuller Co., 301 Mission St., \$2,905.
 Marble & Metal—Clervi Marble Co., 221 Bayshore Blvd., \$18,750.
 Tile—Albert Cook, 334 Claremont Blvd., \$3,000.

Blackboard & Cork—J. W. Frieke Co., 420 Market St., \$376.
 Linoleum—West Coast Linoleum Co., 1163 Market St., \$975.
 Lockers—Fred Medart Mfg. Co., 126 Post St., \$10,000.
 Shades—D. N. & E. Walters Co., 562 Mission St., \$362.
 Roofing—Alta Roofing Co., 976 Indiana St., \$1,444.
 Asphalt—Faton & Smith, 715 Ocean Ave., 3/4c sq. ft.
 Fences—Standard Fence Co., 60th and Lovell St., Oakland, \$1,230.
 Painting—R. P. Paoli & Co., 2530 Lombard St., \$8,040.
 Key Cabinet—Trask and Squire, 39 Natoma St., \$135,40.
 Hand Rails—J. Di Cristina & Son, 3150 18th St., \$463.
 Window Hardware—MacDonald Mfg. Co., 963 Harrison St., \$210.
 Acoustic Work—Van Fleet Freer, 557 Howard St., \$4,054.
 Structural Steel—Judson Pacific Co., 609 Mission St., \$15,996.
 Mech. Equip. & Plumbing
 Ducts—Ace Sheet Metal Works, 444 Clementina St., \$2,900.
 Temp. Control—Johnson Service Co., Rialto Bldg., \$1,250.
 Electrical Work
 Switchboard—Safety Switchboard & Mfg. Co., 527 Folsom St., \$995.
 Clock System—Stromberg Electric Co., Chicago, \$332.
 Fire Alarm—The Autocal Co., S. F., \$229.
 Announcing Systems—Signal Electric Supply Co., \$1,190.
 Telephones—Frank L. DuFrane Co., Inc.

Bids Wanted — To Close December 8. 8 P. M.
AUDITORIUM Cost, \$32,000
REDWOOD CITY, San Mateo Co., Calif.

Addition of auditorium and improvements at the Lincoln School.
 Owner—Redwood City Elementary School District. (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, 9 Geary St., S. F.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened at 8:30 P. M. in the office of the McKinley Public School Bldg.

Bids Wanted — To Close December 8, 8 P. M.

ADDITION Cost, \$97,000
 REDWOOD CITY, San Mateo Co., Calif. Duane St.
 Two-story addition to McKinley Sch. (10 classrooms)
 Owner—Redwood City Elementary School District (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, 9 Geary St., S. F.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened at 8:30 P. M., Dec. 8, in the office of McKinley Public School Bldg.

Bids Opened
 SCHOOL BLDG.
 SACRAMENTO, Sacto. Co., Calif.

NW side of McKinley Blvd., at San Miguel Way.

Construction of addition to Theodore Judah Elementary School to contain administrative office, kindergarten room and assembly addition.

Owner — Sacramento City Unified School District, C. S. Hughes, Secretary.

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction. Low Bidder—M. R. Peterson, 1116 O St., Sacto, \$44,769.

Complete bids follow:

M. R. Peterson, Sacto.	.....\$44,769
Lindgren & Swinerton, Inc., San Francisco	..... 46,394
H. W. Robertson, Sacto.	..... 46,942
Azevedo Const. Co., Sacto.	..... 47,523
Chas. F. Unger, Sacto.	..... 46,713
Otto Stienbrenner, Sacto.	..... 47,995
Lawrence Const. Co., Sacto.	..... 49,985
Holdener Const. Co., Sacto.	..... 51,763

Prospective Bidders
 AUDITORIUM Cost, \$55,000
 SONORA, Tuolumne Co., Calif.

Two-story auditorium bldg., seating about 750 with music room, stage, orchestra, etc.

Owner—Sonora Union High School District. (J. E. Baer, Clerk).

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Plans and specifications obtainable from the architect's office upon deposit of \$20.

As previously reported bids will be received until 7 P. M., Nov. 25 and opened at 7:30 P. M., of that date in the library at the high school.

Contract does not include mechanical equipment or furniture, for which bids will be called at a later date.

Following have taken out plans:

E. A. Howkins & Co., 1182 Market St., San Francisco.

Robert McCarthy, 1363 14th Ave., San Francisco.

Samuel Eyre, 1035 No. Pilgrim St., Stockton.

O. J. Scherer & Co., P. O. Box 178, Angels Camp.

C. A. Hillberg, 301 Cahill Avenue, Turlock.

Cotner, Tomnitz and King, Route 3, Box 1156, Modesto.

L. S. Peletz, 1660 W. Acacia Ave., Stockton.

A. T. Beckett, 224 Scenic Avenue, Piedmont.

S. C. Giles, 121 W. Knoles Way, Stockton.

Contract Awarded

CYM Contract Price, \$188,733
 OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Boulevard.

Construction of a gymnasium building at Fremont High School.

Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland. (School Administration Building).
 Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose. (957) 1st report Nov. 3; 3rd, Nov 16, 1938.

Bids Opened
 DEMOLITION
 OAKLAND, Alameda Co., Cal. Grand and Perry Streets.

Demolition of the Lakeview School Annex.
 Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland. (School Administration Building).

Low Bidder—Pioneer Wrecking Co., 818 45th Ave., San Francisco, \$1,303; net.

Complete bids follow:

Pioneer Wrecking Co., \$1303; net;	\$460, salvage.
Cleveland Wrecking Co., \$1994; net;	\$1260, salvage.
Symon Bros. Wrecking Co., \$3,250; net;	\$600, salvage.

November 23, 1938
 HIGH SCHOOL Est. Cost, \$130,000
 ALTURAS, Modoc Co., Calif. Main Street.

One-story high school building.

Owner—Modoc Un. High School Dist. Architects—Masten & Hurd, 442 Post St., San Francisco.

PWA grant of \$76,000, together with bonds recently voted, will finance construction.

Plans and specifications may be obtained from the architect's office or from the office of the Clerk of the Board of Trustees, at the high school, upon deposit of \$25.00.

Bids will be opened at 5 P. M., Dec. 8, at the high school.

Following have taken out plans: M. R. Peterson, 1116 O St., Sacramento.

Moore & Roberts, 693 Mission St., San Francisco.

C. H. Dodd, 1425 W. Harding Way, Stockton.

Werk Underway
 SCHOOL Cont. Fr., \$60,718
 COTTONWOOD, Shasta Co., Calif.

Construction of new grammar school. Owner—Cottonwood Elementary Sch. District.
 Architects—Masten & Hurd, 442 Post St., San Francisco.

Contractor—M. R. Peterson, 1116 O St., Sacramento.

BIDS OPENED
 SAN FRANCISCO.—Inlaid Floor Company, 600 Alabama St., at \$31 submitted only bid to the Dept. of Public Works, City Hall, for machine sand floor of auditorium Jackson Playground, 17th and Carolina Streets, ready for finishing; approximately 1,600 sq. ft. * 15

LOW BIDDER
 LOS ANGELES, Calif.—Weymouth Crowell Co., 2104 E. 15th St., submitted low general bid to L. A. Board of Education at \$63,990, for a 1-story reinforced concrete auditorium bldg. to be built at the Washington Irving Jr. high school, 3301 Marguerite St., a PWA project. Edwin Bergstrom, architect, 1129 Citizens National Bank Bldg. 15

To Be Done By Days Work
 OFFICE & SHOP Cost, \$20,000
 SAN FRANCISCO, E. Potrero Ave., 100 ft. S. 19th St.

One-story Class C office & shop. Owner and Builder—Louis Johnson,

666 Mission St.
 Engineer—H. A. Emmerich, 1280 Indiana St.
 (1059) 16

Bids Opened
 EQUIPMENT & FURNISHINGS
 SALINAS, Monterey Co., Calif.

Furnishing and installing manual training, domestic science, and cafeteria equipment and furniture for the Washington School.

Owner—Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butler, 7 Winham St., Salinas.

Low Bidder—F. C. Stolte Co., 203 Pine St., Pacific Grove, \$5,860.

Recommendation made to the P W A that contract be awarded the low bidder.

Complete bids follow:

F. C. Stolte Co., P. G.	.....\$5,860.00
Albert Staton, Salinas.	..... 5,983.00
P. T. Wallstrum, Watsonville.	..... 6,666.00
(997) 1st report Nov. 8; 2nd, Nov. 15, 1938.	..... 15

Prospective Bidders
 SCHOOL BLDGS. Cost, \$201,245
 SONORA, Tuolumne Co., Calif.

Two-story auditorium bldg., seating about 750, with music room, stage orchestra, etc., and two-story reinforced concrete classroom bldg. containing classrooms, science room and study hall.

Owner—Sonora Union High School District (J. E. Baer, Clerk).

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Bonds voted in the amount of \$110,000 together with PWA grant of \$91,245 will finance construction.

Plans and specifications obtainable from the architect's office upon deposit of \$20.00.

As previously reported, bids will be received until Nov. 25, 7 P. M., and opened at 7:30 P. M. of that date in the library at the high sch.

Following have taken out plans:

E. A. Howkins & Co., 1182 Market St., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Robert McCarthy, 1363 14th Ave., San Francisco.

Samuel Eyre, 1035 No. Pilgrim St., Stockton.

H. E. Henning, 1751 Berkeley Ave., Stockton.

O. J. Scherer & Co., P. O. Box 178, Angels Camp.

C. A. Hillberg, 301 Cahill Avenue, Turlock.

Tornell Company, 363 Highland Ave., Tracy.

John F. Tulloch, 335 Eighth St., Oakland.

Cotner, Tomnitz and King, Rt. 3, Box 1156, Modesto.

(905) 1st rep. Sept. 21; 4th, Nov. 21, 1938. 15

Contract Awarded
 HIGH SCHOOL ADDITION Cont. Price, \$177,527
 EDMONDS, Washington.

Addition to high school consisting of gymnasium auditorium, shop, and cafeteria.

Owner—Edmonds School District 15, Snohomish Wash., E. A. Lichtenstein, Clerk.

Architect—Wm. Mallis, Lyon Bldg., Seattle.

Contractor—M. L. Ericksen, 5008 Admiral Way. 15

Low Bidders
 SCHOOL BLDGS.
 KLAMATH FALLS, Oregon.

Four units of eventual 12-unit school building program as follows (Item B) gym addition to Merrill High School; (Item C) gym addition

to Bonanza High School; (Item D) classroom addition to Malin High School; (Item E) classroom addition to Fairhaven Grammar School.

Owner—Klamath County School District, Jean K. Porter, Clerk.
Architect—Howard Perrin, Klamath Falls.

Low bidders follow:

ITEM B—Brotherhus Constr Co.,
Poole Bldg., Klamath Falls, \$20,-
734.

ITEM C—Brotherhus Constr. Co.,
Klamath Falls, \$20,281.

ITEM D—M. W. Cherry, 1829 Lake-
view, Klamath Falls, \$10,325.

ITEM E—Brotherhus Constr. Co.,
Klamath Falls, \$10,306.

Recommendation made that contracts be awarded the low bidders.
(892) 1st rep. Oct. 24, 1933. 15

Bids Wanted—To Close December 7,
2 P. M.

SOCIAL SCIENCE BLDG.
Cost, \$100,000

SEATTLE, Wash., University of
Washington.

Four-story and basement Social Science Bldg., (72x230 ft.); central heating plant; tile floors in corridors, balance inoleum. Contract involves only structural frame and such preliminary plumbing, heating and electric work as is necessary for completion of concrete work.

Owner—Board of Regents of the University of Washington, 1030 Henry Bldg., Seattle.

Architect—Bebb and Gould, 715 Hoge Bldg., Seattle, Wash.

Bids will be received as follows:

(1) general construction, (2) electric wiring and heating work, (3) electric wiring, (4) furnishing architectural terra cotta.

Drawings and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified check or bid bond for 5% of basic bid. 15

NEW BIDS WANTED

OVERTON, Nev.—Until Dec. 1, 11 A.M., new bids will be received by Education District No. 1, Overton, Clark County, Nev., for alterations and improvements to the present Overton school, and for similar work at schools in Logandale and Hoapa, Nev. Plans and specifications may be obtained from Architect Miles E. Miller, 312 Felt Bldg., Salt Lake City, upon deposit of \$10. Certified or cashier's check or bond for 5% required. All bids received Oct. 27 were rejected. 15

LOW BIDDER

LOS ANGELES, Calif.—Arthur Pinner, Jr., 4354 W. 3rd St., submitted low bid to L. A. Board of Education, at \$75,848, for a one-story auditorium bldg. to be built at the John Adams jr. high school, 151 W. 20th St., a PWA project. T. C. Kistner, architect, 412 Architects' Bldg.; Wm. T. Wright, structural engineer; E. L. Ellingwood, mechanical engineer; Donald P. Loye, acoustical engineer. 15

BIDS WANTED

REDLANDS, San Bernardino Co., Calif.—Until Dec. 6, 12 Noon, (bids to be opened at 1:30 P. M.) bids will be received by Redlands Board of Education for school furniture and Venetian blinds for the classroom and auditorium building under construction at the Yucalpa junior high school, a PWA project. Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles. 15

BIDS WANTED

REDLANDS, San Bernardino Co., Calif.—Until Dec. 6, 12 Noon, (bids to be opened at 1:30 P. M.) bids will be received by Redlands Board of Education for a shower and locker room building (57x116-ft.), to be built at the Redlands jr. high school, a PWA project. Plans obtainable at office of Marsh, Smith & Powell, architects, 516 Architects' Bldg., L. A., or from Supt. of Schools, Redlands, upon deposit of \$20. Check or bidder's bond for 5% to accompany bid. 15

Bids Opened
SCHOOL Cost, \$.....
SALINAS, Monterey Co., Calif.
Construction of Unit No 2, Junior College.

Owner—Salinas Union High School District (R. D. Case, Clerk).
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—F. C. Stolte Co., 203 Pine St., Pacific Grove, \$123,300.

General bids received with alternate deduction for omitting second floor.

Complete bids follow:
F. C. Stolte Co., Pacific Grove, \$123,300; (1) \$6300.

Albert Staton, Salinas, \$127,456; (1) \$6699.

Sam Trondhjem, Salinas, \$129,698; (1) \$6000.

P. T. Wallstrum, Watsonville, \$131,670; (1) \$6440.

Recommendation made to the P W A that contract be awarded the low bidder.

(998) 1st report Nov. 8; 2nd, Nov. 15, 1933. 15

Prospective Bidders
SCIENCE BLDG. Cost, \$75,000
SONORA, Tuolumne Co., Calif.

Two-story reinforced concrete classroom bldg., containing classrooms, science room and study hall.

Owner—Sonora Union High School District, (J. E. Baer, Clerk).

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Plans and specifications obtainable from the architect's office upon deposit of \$20.

As previously reported bids will be received until 7 P. M., Nov. 25 and opened at 7:30 P. M. of that date in the library at the high school.

Contract does not include mechanical equipment or furniture, for which bids will be called at a later date.

Following have taken out plans:
B. A. Howkins & Co., 1182 Market St., San Francisco.

Robert McCarthy, 1363 14th Ave., San Francisco.

Samuel Eyre, 1035 No. Pilgrim St., Stockton.

O. J. Scherer & Co., P. O. Box 178, Angels Camp.

C. A. Hillberg, 301 Cahill Avenue, Turlock.

Cotner, Tomnitz and Kling, Route 3, Box 1156, Modesto.

L. S. Peletz, 1660 W. Acacia Ave., Stockton.

A. T. Beckett, 224 Scenic Avenue, Piedmont.

(905) 1st rep. Sept. 21; 4th, Nov. 21, 1933. 15

Bids Wanted—To Close December 12
11 A. M.

PAVILION Cost, \$.....
SAN FRANCISCO, Second Avenue and Parnassus.

Construction of dental X-ray pavilion.

Owner—Regents of the University of California, Berkeley.

Engineer—W. P. Stevenson, University of California, Berkeley.

Plans and specifications may be obtained at the office of the Comptroller, Window 1, first floor, California Hall, University of California, Berkeley, upon deposit of \$10.00. 15

CONTRACT AWARDED

LOS ANGELES, Cal.—R. J. Daum, 6803 West Blvd., Inglewood, awarded contract by the L. A. Board of Library Commissioners, at \$40,600, for construction of a branch public bldg. at 256 W. 70th St., a PWA project. Henry F. Withey, architect, 407 S. Western Ave. 15

Prospective Bidders
GYM & SHOP Cost, \$45,000
CALISTOGA, Napa Co., Calif.
Gymnasium and shop building.

Owner—Calistoga Joint Union High School.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Bonds voted recently in the amount of \$25,000 together with PWA grant will finance construction.

Plans and specifications obtainable from the architect's office upon deposit of \$15.

As previously reported, bids will be opened Dec. 5, 11 A.M.

Following have taken out plans:

B. A. Howkins & Co., 1182 Market St., San Francisco.

C. M. Teigland, 525 49th St., Oakland.

Willis F. Lynn, 1037 Ashmont Ave., Oakland.

David Nordstrom, 354 Hobart St., Oakland.

Alfred J. Hopper, 243 Langton St., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Robert McCarthy, 1363 14th Ave., San Francisco.

John E. Branagh, 116 Montello Ave., Piedmont.

Miller Construction Co., 3917 Mission St., S. F.

Frank Erger, 311 21st Ave., Oakland.

William D. Rapp, 517 A 4th Street, Santa Rosa.

R. S. Knight, Rt. 4, Box 662, Santa Rosa.

C. W. Hansen, P. O. Box 115, Santa Rosa.

Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

(A. E. Lightford, Upper Lake.
\$4661) 1st rep. July 21; 4th, Nov. 15, 1933. 15

16—BANKS, STORES AND OFFICES

Contract Awarded
STORE BLDG. Cost, \$12,000

PAJO ALTO, Santa Clara Co., Calif.
221 California Ave.

One-story store bldg., type 3. F.

Owner—D. H. Edwards, S. F.

Engineer—W. H. Ellison, Pacific Bldg., S. F.

Contractor—J. S. Malloch, 666 Mission St., S. F.

Bids Opened
PESTAUPANT

SAN JOSE, Santa Clara Co., Calif.

One-story brick restaurant building (40x85 ft.)

Owner—Carmine Citrigno, c/o Arch. Architects—Higgins & Root, (Chester Root, Architect), Security Bldg., San Jose.

Low Bidder—Vincent Maggio, 452 N. 15th St., San Jose, \$11,200.

Vincent Maggio, San Jose, \$11,200.00
Joseph Santl, San Jose, \$11,714.68

Dan Caputo, San Jose 11,787.00
 M. W. Reese, San Jose 12,797.00

California St.
 Contractor—A. M. Hardy, 736 Clem-
 entina St.

17— THEATRES

Bids Opened
 THEATRE
 SAN FRANCISCO. Geary Blvd. and
 Blake Street.

General construction of theatre bldg.
 to seat 400 persons.

Owner—Bridge Construction Corp.
 Architect—F. Frederic Amandes, 414
 Dewey Blvd.

Low Bidder—Alfred J. Hopper, 243
 Langton St., \$18,170.
 Complete bids follow:

General Construction

Alfred J. Hopper.....	\$18,170
J. Prout.....	18,500
Moore & Roberts.....	19,275
Aetna Construction Co.....	20,287
C. L. Wold Const. Co.....	22,950

Heating and Ventilating

Doyle Sheet Metal Works, 556 Folsom Street.....	\$3,785
Aladdin Heating Corp.....	4,390
Atlas Htg. & Vent. Co., Ltd.....	4,853
Reliable Sheet Metal Co.....	5,245

Bids for electrical work will be
 asked in about one week.

18— WHARVES & DOCKS

Bids Wanted — To Close Dec. 8,
 10:00 A. M.
 PILING & TIMBER WORK
 PORT OF SEATTLE, WASH. Pier
 40, Smith's Cove Terminal.

Piling and timber work involving
 150,000 ft. trimmed piling; 3000
 ft. untrimmed piling; 693,000 FBM
 trimmed timber and lumber;
 460,000 FBM treated ties; 1400
 s.y. 8-in. concrete paving; 20,500
 sq. ft. of 1/2 inch asphalt plank.

Owner—Port of Seattle Commission,
 Smith M. Wilson, Secy., 406 Bell
 St. Dock.

Plans by Eng. Dept. of Owner.
 Plans and specifications may be
 obtained from the Port of Seattle
 Commission upon deposit of \$10.

Bids will be called later for Unit
 3 involving construction of a super-
 structure (\$240,000) and Unit 4, fire

19—MISC. CONSTRUCTION

BIDS WANTED
 FORT McDOWELL, Calif.—Until
 December 15, 2 P. M., bids will be
 received by the Quartermaster, Fort
 McDowell, under Bid No. QM 536-
 39-7, for drydocking, painting, over-
 hauling and repairing the U. S. H. B.
 "General Frank M. Coxie".

Plans and specifications may be
 obtained from the above office. * 19

CONTRACT AWARDED
 SANTA PAULA, Ventura County,
 Calif.—W. E. Robertson, 1629 South
 Wooster St., L. A., awarded contract
 by the Ventura County Supervisors,
 at \$21,900, for general construction
 of a nursery fumigation building at
 Santa Paula. Union Tank & Pipe
 Corp., 441 Santa Fe Ave., L. A., was
 awarded a contract at \$11,982, less
 \$460 allowance for present pump, for
 the coupin, Harold E. Burket, archi-
 tect, 468 E. Main St., Ventura. 19

LOW BIDDER
 SISKIYOU, SHASTA, MODOC &
 LASSEN COUNTIES, Calif.—R. M.
 Taylor, Cottonwood, Calif., at \$1-
 992.00, submitted low bid to the

State Division of Highways, F. W.
 Hazelwood, District Engineer, Dis-
 trict II, Redding, for erecting 12 ra-
 dio poles each 100 feet long, at
 maintenance stations located at Mt.
 Shasta, Redding, Alturas and Susan-
 ville. * 19

BIDS WANTED
 OAKLAND, Alameda Co., Calif.—
 Until Dec. 6, 1938, 3:00 P. M., bids
 will be received by J. A. Dorst, Lt.
 Col., District Engineer, U. S. En-
 gineer Office, 401 Custom House,
 S. F., under Bid No. 868-39-152, for
 removing the sunken hull and other
 remaining portions of a former U. S.
 destroyer from the channel in the
 western end of Brooklyn Basin, Oak-
 land Harbor, Calif.

Specifications may be obtained
 from the above office. * 19
 Contract Awarded

BIDS WANTED
 PORTLAND, Multnomah Co., Ore.
 —Until Nov. 29, 3:00 P. M., bids will
 be received by the U. S. Engineer,
 678 Pittcock Block, Portland, Oregon,
 under Bid No. 698-39-233, for repair-
 ing a total of about 80 lin. ft. of
 pile dikes No. 48-2 in the Columbia
 River at Dohelbower Bar, about 43
 miles below Portland, Ore.

Work involves:
 (1) 2100 lin. ft. piling, Douglas fir;
 (2) 500 lbs. bolts, spikes and cable
 fastening;
 (3) 0.7 M. ft. BM lumber;
 (4) 14 each, piling, pulled and re-
 driven, or replaced.

Specifications may be obtained
 from the above office. * 19

BIDS OPENED
 COOS CO., Ore.—The Steel Tank
 and Pipe Co. of Oregon, Portland,
 Oregon, at \$14,499.00, submitted low
 bid to the U. S. Engineer Office,
 District Engineer, 628 Pittcock Bld.,
 Portland, Oregon, under Bid No.
 698-39-208, for construction, fabri-
 cation and erection of a 10,000 bar-
 rel Diesel fuel oil tank and other
 structures at Empire, Coos County,
 Oregon.

Work consists of construction of
 a Diesel fuel oil storage tank, pump
 house equipped with pumping unit,
 valve house, electrical wiring sys-
 tem, concrete roadway, concrete slabs
 for garage floor and pump house
 floor, concrete sidewalk, and water
 and fuel oil piling, all complete and
 ready for service.

Complete bids follow:
 The Steel Tank and Pipe Co.,
 of Oregon, Portland, Ore., \$14,499.00
 F. E. Owen, as Steel Constr.
 Co., Portland, Ore., 17,785.00
 James F. Johnston,
 Newberg, Oregon 17,994.00
 McCulloch and Sons,
 Portland, Ore., 18,862.00

Frank F. Hopkins, as
 Seattle Boiler Works,
 Seattle, Wash., 19,450.00
 Fred J. Early, Jr., S. F., 19,750.00
 Contracting Officer's
 Estimate 15,017.00
 * 19

BONDS DEFEATED
 FAIRFAX, Marin Co., Calif.—The
 City of Fairfax defeated bonds Nov.
 15 in the amount of \$19,000 which
 proceeds together with expected
 PWA grant of \$16,245 were to have
 financed construction of swimming
 pool and tennis courts. Preliminary
 plans by Architect Italo Zanollini.
 * 19

Contract Awarded
 STORE BLDG. Cost, \$9000
 MILLBRAE, San Mateo Co., Calif.
 Hillcrest Blvd.
 One-story store building.
 Owner—W. T. Bivens, Millbrae.
 Lessee—Safeway Stores, Inc.
 Contractor—J. S. Malloch, 866 Mis-
 sion St., S. F.

Contract Awarded
 ALTERATIONS & ADDITIONS
 STOCKTON, San Joaquin Co., Calif.,
 Aurora & Lindsey Sts.
 Alterations and additions to bakery
 building.
 Owner—Gravem-Inglis Bakery Co.
 Architect—Joseph Losekann, 1023 N.
 Madison St., Stockton.
 Contractor—Jack W. Scott, Stockton.

Contract Awarded
 BANK Cost, \$.....
 BERKELEY, Alameda Co., Cal. Mil-
 via and Center Streets.
 Five-story and basement reinforced
 concrete Class B Farm Credit
 Administration Bldg., 11th Dist.,
 (172x100-ft.)
 Owner—Farm Credit Administration.
 Architect—Jas. W. Plachek, 511 Mer-
 cantile Bank Bldg., Berkeley.
 Structural Engineer—W. Adrian, 417
 Market Street, San Francisco.
 Contractor—K. E. Parker Co., 135 So.
 Park, San Francisco.

Low Bidder
 BANK BLDG.
 SAN FRANCISCO. West Portal Ave.
 approx. 145 feet S.W. Vincente
 Street.
 One-story frame bank building.
 Owner—American Trust Co.
 Plans by Engr. Dept. of Owner.
 Low Bidder—M. A. Little Company,
 107 24th Ave., S. F.

Contract Awarded
 BANK Cost Price, \$540,432.50
 BERKELEY, Alameda Co., Cal. Mil-
 via and Center Streets.
 Five-story and basement reinforced
 concrete Class B Farm Credit
 Administration Bldg., 11th Dist.,
 (172x100-ft.)
 Owner—Farm Credit Administration.
 Architect—Jas W. Plachek, 511 Mer-
 cantile Bank Bldg., Berkeley.
 Structural Engineer—W. Adrian, 417
 Market Street, San Francisco.
 Contractor—K. E. Parker Co., 135 So.
 Park, San Francisco.

CONTRACT AWARDED
 LOS ANGELES, Calif.—May &
 Grimwood, 514 E. 8th St., L. A.,
 awarded contract at \$8,892 for fin-
 ishing the interior of 3 floors of the
 Express Facilities Bldg., L. A. Union
 Passenger Terminal, for the Rail-
 way Express Agency. Work will in-
 clude partitions, plastering, fixtures,
 heating, plumbing, electric work and
 concrete work. Elevator will be fur-
 nished and installed by the terminal
 company.

FIRE LOSS
 JACKSON, Amador Co., Calif.—
 Fire recently destroyed the Sprouse-
 Reitz store building at Jackson,
 (David Kerr, owner) with damages
 estimated at \$15,000. Building will be
 rebuilt on the site. 16

Contract Awarded
 REMODEL HOTEL
 SAN FRANCISCO. 60 Market St.
 Remodel exterior of Hotel Terminal;
 some interior alterations.
 Owner—Pope Estate Co., Russ Bldg.
 Architect—William W. Wurster, 260

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED

SISKIYOU COUNTY, Calif.—Until Dec. 6, 10 A. M., bids will be received by the Siskiyou County Board of Supervisors, Waldo J. Smith, Clerk, Yreka, for supplying the County buildings in Yreka with fuel oil for the period of twelve months, beginning January 8, 1939; fob Yreka.

Plans and specifications may be obtained from the above office.

BIDS WANTED

OAKLAND, Calif.—Until Dec. 5th, 4:30 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for 10,000 tons of crushed rock for Oakland Airport.

Plans and specifications may be obtained from the above office.

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to Oakland City Council, W. W. Chappell, City Clerk, City Hall, for one 45-hp. gasoline-propelled, track laying type tractor with bulldozer and scraper.

Bids taken on:
(1) price including allowance for old tractor;
(2) price without allowance for old tractor.

Complete bids follow:
Edward R. Bacon Co., (1) \$4,547.13;
(2) \$6,047.13.

Peterson Co., (1) \$4,906.66; (2) \$6,406.66.

Knox-Hale Machinery Co., (1) \$5,797.50; (2) \$7,072.50. 20

BIDS WANTED

SAN FRANCISCO.—Until Dec. 2, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2118, for furnishing 200 roller steel car wheels for the municipal railway.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

PHOENIX, Ariz.—Until Nov. 26, 11 A. M., bids will be received by the U. S. Procurement Office, Heard Bldg., Phoenix, for 11,000 barrels of Portland grey cement. Further information may be obtained from the above office. 20

BIDS OPENED

COCONINO CO., Ariz.—Following submitted bids to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 200 tons type SC-2 liquid asphalt rock material for use on Section B of Route 7, Oak Creek National Forest Highway, Coconino Co., Ariz. Bids were:

Standard Oil Co., \$5; fob Seguro.
Petrol Corp., \$4.50; fob Los Angeles Shell Oil Co., \$4.50; fob Los Angeles.

Gilmore Oil Co., \$4.50; fob Los Angeles.

Richfield Oil Co., \$4.50; fob Watson.
Union Oil Co., \$4.50; fob Wilmington; \$5.00; fob Maltha. 20

BIDS OPENED

SAN FRANCISCO.—General Engineering & Dry Dock Co., 1100 Sansome Street, at \$99,249.85 submitted low bid to the U. E. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-147, for drydocking, painting and repairing the U. S. Seagoing Hopper Dredge "A. Mackenzie".

Complete bids follow:
General Engineering & Dry Dock Co., San Francisco, \$99,249.85.

Commercial Iron Works, Portland, \$107,190.12.

Bethlehem Shipbuilding Co., S. F., \$115,838.85.

Moore Dry Dock Co., Oakland, \$118,789.10.

Government estimate, \$87,262.00.

BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 29, 2 P. M., bids will be received by the Los Angeles Water & Power Purchasing Agent for creosoted cross arms for a period of 12 months; Spec. 2832. Bids are being taken as follows:

(1) 6 pin creosoted cross arms, Drawing 0-117:

(a) rail shipment, 50,000 pounds, or more;

(b) rail shipment, 38,000 to 49,999 pounds;

(c) rail and water shipment.

(2) 10-pin creosoted cross arms, designated on drawing as 8-in. cross arms, Drawing 0-117:

(a) rail shipment, 50,000 pounds, or more;

(b) rail shipment, 38,000 to 49,999 pounds;

(c) rail and water shipment.

(3) 10-ft. 10-pin creosoted cross arms, Drawing 0-117A:

(a) rail shipment, 50,000 pounds, or more;

(b) rail shipment, 38,000 to 49,999 pounds;

(c) rail and water shipment.

(4) 11-ft. 4-in. creosoted cross arms, Drawing 0-119:

(a) rail shipment, 50,000 pounds, or more;

(b) rail shipment, 38,000 to 49,999 pounds;

(c) rail and water shipment.

(5) 9-ft. creosoted cross arms, Drawing 0-118:

(a) rail shipment, 50,000 pounds, or more;

(b) rail shipment, 38,000 to 49,999 pounds;

(c) rail and water shipment.
Kind or variety of wood is to be stated. 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-143, for steel beams and plates for Fort Cronkhite.

Bids were:

Golden Gate Iron Works, \$200, 1/2 10 days, f.o.b. S. F.

Walter R. Cole & Co., \$253.56, net, f.o.b. S. F.

Berkeley Steel Constr. Co., Inc., \$214, 1/2 10 days, f.o.b. S. F.

Soule Steel Co., \$269, net, f.o.b. Ft. Cronkhite.

Frank C. Borrmann Steel Co., \$355-60, 1/2 10 days, f.o.b. S. F. 20

CONTRACT AWARDED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., S. F., at \$528.82, 2% 10 days, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-146, for furnishing pipe for Fort Cronkhite. **Marin Co.**

Johns-Manville Sales Corp., at \$522.55, 2% 10 days submitted only other bid. 20

CONTRACT AWARDED

SAN FRANCISCO.—Lavenson and Savasta, 379 Brannan Street at (1) \$96; (2) \$120; (3) \$12 each; (4) 1/2 of 1% 10 days, awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2100, for furnishing (1) 2500 ft. 3-pair lead

covered Latex cable (or equal), No. 16 solid wire; (2) 5000 ft. conductor lead covered Latex cable (or equal), No. 10 solid wire; (3) price per reel returned; (4) discount. 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Division Engineer, South Pacific Division, 414 Custom House, San Francisco, under Bid No. 414-39-47, for furnishing (1) 78,000 gallons of liquid emulsified asphalt, and (2) 11,000 gallons of emulsified asphalt with mineral fibre and filler and of a traveling consistency; f.o.b. San Francisco Bay area.

Complete bids follow.
Union Oil Co., (1) \$0.08104 gal. net.
Flintkote Co., (2) \$0.25; 2%-10 days.
Shell Oil Co., (1) \$0.136; net.
American Bitumels Co., (1) \$0.136; (2) \$0.40.

BIDS WANTED

OAKLAND, Calif.—Until Dec. 7, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 1107, for furnishing concrete reinforcement bars.

Plans and specifications available from above office. 20

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$122; 2326 Valley, Berkeley; owner, W. O. Porter. 2326 Valley; contractor, E. Rosenquist, 1381 Santa Fe.

ALTER, \$500; 1832 Euclid, Berkeley, owner, contractor, Earl Bremer, 6139 Mission St., S.F.

GARAGE, \$100; 1309 Northside, Berkeley; owner and builder, Frank Pucro, 1309 Northside.

ALTER, \$560; 741 Alameda, Berkeley; owner, Ruth Hillman, 741 Alameda; contractor, C. L. Thels, Richmond.

ALTER, \$250; 1032 Oxford, Berkeley; owner, Ross Cummings, 1032 Oxford; contractor, E. H. Buel, 1295 Hearst.

ALTER, \$100; 1584 Le Roy, Berkeley; owner, M. A. Palmer, 1427 Bonita; contractor, E. H. Buel, 1295 Hearst.

ALTER, \$125; 1508 Grove, Berkeley; owner, Daniels; contractor, E. M. Bent, 2125 Stuart.

GARAGE, \$100; 1010 Grayson, Berkeley; owner and builder, John Lettinen, 1010 Grayson.

GARAGE, \$180; 7636 Circle Hill Dr., Oakland; owner, E. P. Joley, 7636 Circle Hill Drive.

ALTER, \$100; 1247 5th Ave., Oakland; owner, Helen Horsford, 3223 Lakeside Ave.

ALTER, \$27.50; 811 Broadway, Oakland; owner, T. F. McMillen, 811 Broadway.

BUILDING, 1-story frame, \$250; 6888 Sunkist Drive, Oakland; owner, R. S. Thompson, 6888 Sunkist Dr.

RE-ROOF, \$70; 3608 Grand Avenue, Oakland; owner, W. J. Dowell, Broadway Bldg.; contractor, Geo. H. Young, 3114 Fruitvale Ave.

ADDITION, frame, \$50; 537 28th St., Oakland; owner and builder, Mrs. Davls, 537 28th St.

ADDITION, \$375; 318 Euclid Ave., Oakland; owner, Dr. J. M. Nell, 318 Euclid Ave.

REPAIRS, \$500; 1051 56th St., Oakland; owner, Gilbert N. Fitch, 1051 56th St.; contractor, Calif. Home Improvement Co., 329 26th Street.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------|
| 11.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Syst. | |
| 28.—Fire Equipment | |
| 29.—Streets & High ways | |

21— BRIDGES

BLUE PRINTS AVAILABLE
SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Los Angeles on Dec. 8, 1938.

Following is a list of blue prints and prices:

VIII-SB-D-26-D. Bridge across Cucamonga Wash. PLANS—No. of Sheets 9, cost \$140; CROSS-SECTIONS—No. of Sheets 4, cost, \$0.40, total \$1.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

* 21

COMPLETE BIDS

COCHISE COUNTY, Ariz.—Tanner Construct. Co., P. O. Box 1322, Phoenix, at \$5,989 submitted low bid to the Arizona State Highway Commission, Phoenix, for reconstructing the floor of the 3-span bridge over San Pedro River at Benson, on the Benson-Stains Pass Highway Non FA AFE 8611, and is to be completed on or before Dec. 31, 1938.

Work involves:

- (1) 2,116 lbs. bolts, nuts and washers (CIP);
- (2) 2,017 lbs. struc. steel (CIP);
- (3) 63 MBM untreated timber (CIP);
- (4) 787 sq. yds. 1½-in. plant mix (CIP) (using MC-4 cutback asphalt).

Total bids follow:

- (A) Tanner Const. Co., Phoenix, \$5,989.33.
- (B) Martin Const. Co., Tucson, \$7,437.24.
- (C) Lewis Bros., Contractors, Inc., Phoenix, \$9,529.39.

Unit bids follow:

	(A)	(B)	(C)
(1).....	\$.20	\$.20	\$.28
(2).....	.14	.12	.23
(3).....	74.50	95.00	122.00
(4).....	.75	1.00	1.00

* 21

BIDS OPENED

CENTRAL VALLEY PROJ., Calif.
 —American Bridge Co., Pittsburgh, Pa., at \$97,810.00 (Sch. I) and at \$32,162.00 (Sch. II), submitted low bid to the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 807, for the construction of the superstructures for Sacramento River Bridge, third

and fourth crossings, relocation of Southern Pacific Railroad, Kennett Division, Central Valley Project. Work is located near Delta, Calif.

The bridges will be steel bridges. The bridge for the third crossing will have a total length of about 758 feet, with a central truss span 202 feet 6 inches long and six plate-girder approach spans, each approximately 92 feet long. The bridge for the fourth crossing will have a total length of about 308 feet and will consist of three plate-girder spans each 100 feet long from center to center bearings. The superstructures will be supported on concrete piers and abutments to be constructed under a separate contract.

Bids taken on:

Sch. I: third crossing:

- (1) Steel work for commercial bill of lading;
- (2) Steel work for government bill of lading;
- (3) Construction timber deck, laying track, etc.

Sch. II: fourth crossing

- (4) Steel work for commercial bill of lading;
- (5) Steel work for government bill of lading;
- (6) Construction timber deck, laying track, etc.

Complete bids follow:

American Bridge Co., Pittsburgh, Pa. Sch. I: (2) \$93,200.00; (3) \$4,610.00; total \$97,810.00 Sch. II: (5) \$30,275.00; (6) \$1,887.00; total \$32,162.00; total (2) and (5) \$117,840.00; (3) and (6) \$6,497.00.

Milwaukee Bridge Co., Milwaukee, Wisc. Sch. I: (2) \$95,090.00; (3) \$3,500.00; total \$98,590.00. Sch. II: (5) \$33,277.00; (6) \$1,500.00; total \$34,877.00.

Bethlehem Steel Co., Bethlehem, Pa. (subsidiary companies), Sch. I: (2) \$98,192.00; (3) \$5,300.00; total \$103,492.00. Sch. II: (5) \$33,540.00; (6) \$2,300.00; total \$35,840.00. Stipulation: both or none.

The Steel Construction Co., S. F. Sch. I: (2) \$102,500.00; (3) \$3,200.00; total \$105,700.00. Sch. II: (5) \$33,052.00; (6) \$1,425.00; total \$34,477.00. Stipulation: one or both.

Moore Dry Dock Co., Oakland, Sch. I: (1) \$116,975.00; (2) \$98,267.00; (3) \$4,000.00; total \$120,975 (using item two); total \$102,267.00 (using item two). Sch. II: (4) \$40,200.00; (5) \$34,000.00; (6) \$1,700.00; total \$41,900.00 (using item four); total \$35,700.00 (using item five). Stipulation: both or none. * 21

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until December 15, 2 P. M. bids will be received by the State Division of

Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Santa Ana River and about 0.3 mile of roadway to be graded and surfaced with plant mixed surfacing on a portion of the State Highway near Norco (VIII-Riv-393-A), Riverside County.

Work involves:

- (1) Cleaning and grubbing;
- (2) Remove existing concrete and timber structures;
- (3) 274 gals. water;
- (4) 12,000 c.y. rdwy. excav., unclass.;
- (5) 37,000 sta. yds. overhaul;
- (6) 2,200 c.y. struc. excav.;
- (7) 1,200 c.y. imported surf. material;
- (8) 11 sta. finish rdwy.;
- (9) 500 sq. yds. asph. paint binder;
- (10) 540 tons min. agg. plant mix surf.;
- (11) 36 tons liq. asph. SC-4, plant mix surf.;
- (12) 4,000 sq. yds. prepare, mix and shape detour;
- (13) 49 tons liq. asph. SC-2 road mix surf. treatment detour;
- (14) 32 tons screen seal coat;
- (15) 2 tons liq. asph. 90-95 seal coat;
- (16) 415,000 lbs. bar reinf. steel;
- (17) 315 c.y. Class A Portland cement conc. footing block;
- (18) 1,675 c.y. Class A Portland cement conc. struc.;
- (19) 3,200 lbs. misc. steel;
- (20) 17 cu ft. BM untreated Douglas fir timber;
- (21) 1,432 l.f. timber rail;
- (22) 5,000 l.f. furnish steel piles, including test piles;
- (23) 166 each drive do;
- (24) 2,400 sq. yds. Class B Portland cement concrete articulated slope paving;
- (25) 22 l.f. 18-in. CMP;
- (26) 56 l.f. 24-in. CMP;
- (27) 44 l.f. remove, clean and salvage pipe culverts;
- (28) 17 each culvert markers;
- (29) 14 each guide posts;
- (30) 0.4 mile new property fence;
- (31) 18 each monuments;
- (32) 1 lot elec. equipment;
- (33) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BONDS VOTED

OROVILLE, Butte Co., Calif.—The City of Oroville voted bonds Nov. 15 in the amount of \$17,500, proceeds to finance construction and completion of a bridge and overpass over Western Pacific Railroad Company right-of-way at Montgomery St. extension, including deck structure and all necessary work. * 21

BIDS OPENED

CLACKAMAS CO., Ore.—Joplin & Eldon, 3101 N. Columbia Blvd., Portland, at \$41,712, submitted low bid to the Oregon State Highway Commission, Portland, in behalf of Clackamas County, for construction of Shipley bridge on Market Road No. 12. Estimated cost \$47,400.

Total bids follow:

Joplin & Eldon, Portland	\$41,712
Contracting and Sales Co., Inc., Portland	44,955
Leonard and Slate, Multnomah	45,620
Averill and Corbin, Portland	46,580
Gilpin Constr. Co. Port.	47,792
Birkemeier and Saremal, Milwaukie	48,918

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street
Sacramento - California

CONTRACTS AWARDED

MERCED COUNTY, Calif.—Roy Krueger, Gustine, at \$8,660 (Items 1, 3 and 4) and E. K. Angle, Dos Palos, at \$650 (Item 2) submitted low bids to the Merced County Board of Supervisors, P. J. Thornton, County Clerk, Court House, Merced, for construction, as follows:

- (1) Bridge No. 287—timber pile bridge over Canal on the Woods Road;
- (2) Bridge No. 288—rein. concrete pipe culvert in Canal on road along the East line of Sec. 22.
- (3) Bridge No. 289—timber pile bridge over S. J. and K. R. Canal and Irrigation Co.'s canal on South Los Banos Road.
- (4) Bridge No. 290—timber pile bridge over S. J. and K. R. canal and Irrigation Co.'s canal on Welch Road.

Complete bids follow: x
Roy Krueger, Gustine, \$8,660 (Items 1, 3, and 4).

E. K. Angle, Dos Palos, \$9,068 (Items 1, 3 and 4); \$650 (Item 2).

F. R. Fredenburg, South San Francisco, \$8,947 (Items 1, 3 and 4); \$917 (Item 2).

United Iron Works, \$656 (Item 2). 21

22—DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

SEATTLE, Wash.—Tacoma Dredging Co., 1113 1/2 "A" Street, Tacoma, at \$83,850, awarded contract by the U. S. Engineer, 754 Central Building, Seattle, for dredging 645,000 cu. yds. material from Hylebos Waterway, Tacoma Harbor, Wash. • 22

LOW BIDDER

ORANGE COUNTY, Calif.—R. E. Campbell, 711 Central Building, Los Angeles, at \$34,036 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing about 0.15 mile of embankment protection at Doheny Park at the mouth of San Juan Creek in Orange County.

Complete bids will be published shortly. • 22

CONTRACT AWARDED

REDONDO BEACH, Los Angeles Co., Calif.—Rohl-Connolly Co., 4351 Valley Blvd., Los Angeles, at \$470,700 awarded contract by City Council for the construction of a breakwater and appurtenances at Redondo Beach • 22

LOW BIDDERS

CLARK COUNTY, Wash.—General Const. Co., at \$169,942.50, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-39-51, for dredging a channel 300 feet wide and 15 feet deep at low water, in Columbia River between Interstate Bridge at Vancouver, Wash., and Camas, Wash., a distance of about 13 miles. Work involves: 1,743,000 cu. y. dredging and disposal of dredge material.

Tacoma Dredging Co., at \$183,015 submitted second low bid. • 22

23—CANALS

COMPLETE BIDS

BONNEVILLE, Oregon.—Barham Bros., Salem, Oregon, at \$106,968.65, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-48, for the construction of the reinforced concrete sections of the Tanner Creek By-Pass (Fishway), the

completing of the earthlined canals and connections between Sections for the Tanner Creek By-Pass, the connections with the additions to the waterways of the Oregon State Fish Hatchery, project sidewalks, and the constructing of a reinforced concrete bridge across Bradford Island fish ladder, all at Bonneville, Oregon.

Complete bids follow:
Barham Bros., Salem, Ore. \$106,968.65
Ross E. Hammond Co.,
Portland, Oregon 119,985.80
Clifford A. Dunn, Klamath Falls, Oregon 120,215.70
H. J. Adler, Yakima, Wash. 125,302.10
The Gilpin Constr. Co., Portland, Ore. 129,126.85
Kuckenberg Constr. Co., Portland, Oregon 129,684.00
C. T. Malcom & Birkemeir, Portland, Ore. 138,927.00
J. A. Terteling & Sons, Boise, Idaho 143,063.25
L. Romano Engr. Co., Seattle, Wash. 174,992.50
Government estimate 123,654.00
Unit prices on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. • 25

24—STREET LIGHTING

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 13, 10 A. M. bids will be received by the Los Angeles county supervisors for constructing an ornamental lighting system in Bellflower Blvd., Bellflower, between Mayne Street and Park Ave., County Imp. No. 1019. The system involves 32 Union Metal pendant single light standards, with G-E 81-D lighting units. Est. cost, \$10,737.50. Alfred Jones, county engineer. Mrs. Alice Burks, 501 Hall of Records, clerk of the board. • 24

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of standard 6-wheel truck, standard truck and trailer, 10-ton roller lumber truck, and 20-ton roller lumber truck and trailer, for use in Ventura, Los Angeles and Orange counties, opened by the State Highway Dept., Los Angeles:

Teel Bros.: (1) standard Brockway, 6-wheel, \$1.50 and \$2.75; (2) truck and trailer, Brockway, Hercules or Utility trailer, \$2 and \$3.75; (3) and (4) no bids.

Cotterell & Maccaggi: (1) Ford V-8, \$1.41 and \$2.15; (2) Ford with Utility or Pike trailer, \$1.50 and \$2.50 (3) International, 1938, DR. 50, \$1.59 and \$2.75; (4) \$1.89 and \$3.75.
Reeg Schenker: (1) (2) no bids; (3) standby time, \$1.25, bid price, \$3; (4) \$1.25 and \$4.

H & J Truck Co.: (1) \$1.75 and \$3.50; (2) \$2.25 and \$4.50; (3) \$1.75 and \$4.50; (4) \$2.25 and \$4.50.

B & L Truck & Transfer Co.: Federal: (1) \$1.50 and \$3; (2) \$2 and \$4; (3) \$1.50 and \$3; (4) \$2 and \$4. 25

BIDS WANTED

PLUMAS COUNTY, Calif.—Until December 5, bids will be received by the Plumas County Board of Supervisors, John Donnerwirth, Clerk, Quincy, for one motor grader with diesel engine of not less than 60-h.p., tandem drive single tires, glass enclosed cab, electric lighting system, 12-ft. oil mix mold board, leaning front wheels, weighing not less than 17,500 lbs., with V-type snow plow and right-hand side snow wing.

Plans and specifications may be obtained from the above office. • 25

BIDS OPENED

HUMBOLDT CO., Calif.—W. E. Sinclair, Miranda, at \$2.25 per hour, submitted low bid to the State Division of Highways, E. R. Green, District Engineer, 546 W. Wabash Ave., Eureka, for the rental of two 3-yard dump trucks for 500 hours use in District 1.

Complete bids follow:

W. E. Sinclair, Miranda \$2.25
Henry E. Springer, S. F. 2.30
Ashurat Eron, Hopland 2.30
P. Entremont, Colusa 2.30
Wm. Kern, Weotit 2.35
C. E. Huls, Merced 2.48
Charles W. Beguhl, Millbrae 2.90
K. I. Dowdy, S. F. 2.74
• 25

BIDS WANTED

OAKLAND, Calif.—Until Dec. 5th, 4:30 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing and installing low flat draining pump for Oakland Airport.
Plans and specifications may be obtained from the above office. • 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for 3 833-kva transformers for standby generating station, San Carlos prof., Ariz., Adv FO-4, opened by U. S. Indian Irrig. Service, Los Angeles, were:

Moloney Elec. Co., St. Louis; fob St. Louis, Mo., \$7752; fob Coolidge, Ariz., \$8169; wt. 35,250 lbs.; shipment within 40 days.

Pennsylvania Transformer Co.; fob Pittsburgh, Pa., \$6286; fob Coolidge, Ariz., 6445; wt. 37,000 lbs.; shipment within 40 days.

Standard Transformer Co.; fob Warren, Ohio, \$6834; fob Coolidge, Ariz., \$7004.91; shipping weight 33,300 lbs.; shipment within 50 days.

Wagner Elec. Corp., fob St. Louis, Mo., \$6900; fob Coolidge, Ariz., \$6900; wt. 36,000 lbs.; shipment within 42 da.

Allis-Chalmers Mfg. Co., Pittsburgh Pa., \$7116; fob Coolidge, Ariz., \$7305; wt. 31,500 lbs.; ship within 50 days.

Kuhlman Elec. Co., fob Bay City, Mich., \$6778; fob Coolidge, Ariz., \$6,934; wt. 34,800 lbs.; ship within 50 da.

Westinghouse Elec. & Mfg. Co., fob Sharon, Pa., \$6942; fob Coolidge, Ariz. \$7131; wt. 39,000 lbs.; ship in 45 da. • 25

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Dec. 21, 3 P. M., bids will be received by U. S. Engineer, 751 South Figueroa St., Los Angeles, for designing, constructing and furnishing six service gates for Prado Dam; to be complete with gate frames, guides electric motor operated balata, and other appurtenances; fob bidder's shipping point and/or delivered to Prado Dam, 45 miles east of Los Angeles; Invt. 184. • 25

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 23, 2 P. M., bids will be received by State Highway Dept., L. A., for rental of portable combination welding unit for acetylene torch cutting and electric welding in connection with work in Orange County. • 25

BIDS WANTED

OAKLAND, Cal.—Until Dec. 6, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappene, City Clerk, City Hall, for the rental of trucks, concrete mixer, and air compressors.

Plans and specifications may be obtained from the above office. • 25

27—WPA PURCHASES, RENTALS

CONTRACT AWARDED

SAN FRANCISCO.—Henry Cowell Lime and Cement, at \$180, awarded the contract by the U. S. Treasury Dept., 49 Fourth St., San Francisco, under Bid No. 6437, for furnishing 200 bbls. of Portland cement. Net. 27

BIDS WANTED

SAN FRANCISCO.—Until Nov. 29, 10 A. M., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 4th St. (Rm. 518), San Francisco, for furnishing materials, as follows: BID NO. 6512: 250 tons aggregates; fob Antioch.

BID NO. 6513: 270 c.y. readymix concrete; fob Oakland.
BID NO. 6514: 3900 rods fencing; fob Salinas. 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6158: Diamond Match Co.; \$0.6775; \$388.75; net; 500 sacks of Portland cement.

BID NO. 6443: N. Clark & Son: \$1-239.40; 2% 30; sewer pipe.
BID NO. 6459: Sterling L. C.: \$0.725; \$362.50; net; 500 sacks of Portland cement. 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6453: John Cassarotto; \$465.75; var. disc.; lath, plaster, etc.

BID NO. 6452: United Concrete Pipe Corp.: \$1500; 5% 30; \$0.75; concrete pipe.
BID NO. 6442: Gen. Supply Co.: \$670; \$0.67; 2½-c-30; 1000 sacks Portland cement.

BID NO. 6441: Kraftliffe Co.: \$625.20; 2% 20; red quarry tile.
BID NO. 6440: Mission Bldg. Mat.: \$282.25; 2% 30; (A) plastering materials. G. Mazzera: \$72; 2% 30; metal lath (B).

BID NO. 6439: Hayward Bldg. Supply: \$172.50; \$0.069; net; emuls. asphalt.
BID NO. 6438: Smith L. C.: \$347.50 (A); 2% 10th prox.; Burlingame L. C.: \$59; 1% 20 (B); misc. lumber.

BID NO. 6434: Portola Truck Service: \$44.75; 2% 20; rental—½-ton truck.
BID NO. 6432: Mission Foundry and Stone Works: \$576; 2% 20; C. L. castings. 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6465: Harron, Rickard and McCone: \$76; net; rental—concrete mixer.

BID NO. 6451: S. H. Chase L. C.: \$349.75; 2% 20; lumber.
BID NO. 6448: Calif. Corr. Culvert: \$475.35; ½ of 1% 20; C. M. culvert.

BID NO. 6436: Lerer Bros.: \$79.10; net; Evans Auto & Truck Rental; \$80; net; rental of two 1½-

ton trucks.
BID NO. 6412: Sam E. Bonsangue: \$95; 1½% 20; ½ of 1% 30; rental, 2½-yard truck.
BID NO. 6401: Sam E. Bonsangue: \$88; 1½% 20; ½ of 1% 30; rental 1½-ton truck.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 30, 10 A. M., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing materials and supplies and the rental of equipment, as follows: BID NO. 6517: rental of one 1½-ton flat rack truck, equipped with dual rear tires; fob Caruthers;

BID NO. 6520: 550 c.y. black loam; fob San Francisco;
BID NO. 6521: 200 c.y. manure; fob San Francisco;
BID NO. 6522: rock and sand; fob San Francisco;

BID NO. 6524: Douglas fir plywood; fob San Francisco;
BID NO. 6525: Douglas fir plywood; fob San Francisco;

BID NO. 6526: Crushed rock and concrete sand; fob San Francisco;
BID NO. 6528: Steel bars and black annealed wire; fob San Francisco. 27

29—STREETS AND HIGHWAYS

BIDS OPENED

STATE OF OREGON.—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction, as follows:

Baker County: Richland-Halfway Section of Baker-Homestead Highway involving about 22,000 c.y. screened gravel; 5000 c.y. crushed gravel in stockpile, 18 miles of oil material surfacing treatment. About \$46,000 available.

Awarded: Norris Bros., Burlington, Wash., \$55,494.

Other Bidders: Babler Bros., Portland, \$59,707; J. C. Compton, McMinnville, \$59,823; McNutt Brothers, Eugene, \$63,943; Mountain States Const. Co., Eugene, \$72,013; Homer G. Johnson, Portland, \$75,575.

Coos County: Charleston-Miner Creek Section of the Cape Arago Secondary Highway involving about 54,000 c.y. excav., 500 c.y. salvaged surfacing materials, 6000 c.y. crushed rock or crushed gravel surfacing materials. About \$36,000 available.

Awarded: Coos Bay Dredging Co., Marshfield, \$34,426.

Other Bidders: Leonard & Slate, \$35,277; Homer Johnson, Portland, \$37,324.

Gilliam County: Rock Creek-Morrow County Line Section of Wasco-Hepper Secondary Highway, involving about 76,000 c.y. excav. About \$32,000 available.

Awarded: H. L. Rice, 5816 SW Hood, Portland, \$32,445.

Other Bidders: Joplin and Eldon, Portland, \$38,462; Leonard & Slate, Multnomah, \$39,903; J. C. Papin, Carson, Wash., \$43,975; Fisher Brothers, Oregon City, \$45,628; Berke Brothers, Portland, \$45,982; Colonial Const. Co., Spokane, \$46,657; Parker Schram, Portland, \$48,169; J. A. Lyons, Portland, \$49,514; M. L. O'Neil & Son, Eugene, \$50,090; F. C. Dillard, Medford, \$50,346; A. C. Greenwood, Portland, \$51,610; Clifton and Applegate, Spokane, \$53,233; Homer G. Johnson, Portland, \$52,731; McNutt Bros., Eugene, \$54,442.

Jefferson County: Madrea-Deschutes County Line section of The

Dalles-California Highway, involving finishing and stockpiling about 7100 c.y. crushed rock. About \$13,000 available.

Awarded: Fisher Brothers, Oregon City, \$12,070.

Other Bidders: Clifton - Applegate, Spokane, \$12,425; H. L. Rice, \$12,709; Roges Const. Co., Dayton, \$13,040; A. S. Wallace, Roseburg, \$14,200; Saxton, Looney & Risley, Oak Grove \$14,413; O. C. Yocum, Willamina, \$14,850; R. O. Dall and Warren Brothers, Inc., Aberdeen, \$15,620; Schmeer, Williams and Gentemann, Portland, \$15,904.

Jackson County: North Unit Bear Canyon-State Line Section of Pacific Highway; Federal Aid Project No. 190-J (1); 2.29 miles grading. Requires 417,000 c.y. excavation; 250 c.y. concrete; 40,000 lbs. metal reinforcement; and placing of 1,000 c.y. surfacing.

Awarded: Harold Blake, 404 North Thompson, Portland, \$163,508.

Other Bidders: E. L. Gates, Flora, Ore., \$165,407; R. L. Houck, Salem, \$177,427; Burkhart Bros., Portland, \$179,332; McNutt Bros., Eugene, \$186,205; A. C. Greenwood, Portland, \$187,202; C. O. Dunn, Klamath Falls, \$191,235; Colonial Const. Co., Spokane, \$194,809; Leonard & Slate, Multnomah, \$213,938.

Klamath County: Main Street Underpassing in Klamath Falls; Federal Aid Grade Crossing, Proj. No. FAGM 37-A (1). Requires approximately 23,000 c.y. excavation; removal of 6,300 sq. yds. old pavement; removal of curbs, sidewalks, and catch basins; 2,300 l.f. 9-in. perf. corrugated iron pipe; 1,900 c.y. of crushed rock in base and surfacing; 6,000 sq. yds. concrete pavement; 1,250 c.y. Class D concrete; 110,000 lbs. metal reinf.; 240,000 lbs. structural steel; 1,700 sq. ft. membrane waterproofing; 430 sq. ft. asphalt plank; 910 l.f. steel handrail; 500 l.f. 30-inch cast iron pipe; pumping equipment; traffic signal system and electric wiring and lighting.

Awarded C. J. Montag, Couch Bldg. Portland, \$103,000.

Other Bidder: C. A. Dunn, Klamath Falls, \$116,423.

Klamath County: Odell Lake-Walkers Mountain Section of Willamette Highway; Federal Aid Projects Nos. 184-A (2) and 195-A (2); 23.0 miles surfacing and oiling; also furnishing 6,000 c.y. crushed rock in stock pile. Requires approx. 66,000 c.y. pit-run gravel; 36,800 c.y. crushed rock; and 1,030 tons asphaltic road oil.

Awarded: Fisher Brothers, Oregon City, \$131,466.

Other Bidders: Mountain States Const. Co., Eugene, \$131,476; Norris Bros., Burlington, \$132,863; A. Milne, Portland, \$133,513; E. C. Hall, Eugene, \$141,535; Babler Bros., Eugene, \$156,419,606; McNutt Bros., Eugene, \$156,431; Newport Const. Co. and Kern & Kibbe, Portland, \$162,611; Homer G. Johnson, Portland, \$172,541.

Umatilla County: State Hospital-Ash Street Unit of Pendleton Landscaping Project on Old Oregon Trail; Federal Aid Project No. 38-C (2). Requires construction of pump house; furnishing electrically driven pump; installing of pipe line irrigating system; and planting of 230 trees.

Low Bidder: Leonard and Slate, Multnomah, \$4144; referred to U. S. Bureau of Public Roads for clearance.

Other Bidders: Contracting & Sales Co., Inc., Portland, \$5499; Parker-Schram Co., Portland, \$5495.

Lincoln County: Newport Rock Production Project on Oregon Coast and Corvallis-Newport Highways, involving furnishing and stockpiling about 6000 c.y. crushed rock. \$12,200 available.

Awarded: E. F. Aitree, Agate Beach \$10,948.

Other Bidders: A. S. Wallace, Roseburg, \$12,325; R. O. Dail & Warren Bros., Aberdeen, \$12,974; Dolan Const. Co., Tillamook, \$14,470; F. C. Dillard, Medford, \$14,510.

Linn County: Maintenance bldg. at Albany. Project will involve about 1690 c.y. excav., 1380 ft. of woven wire fence; 1780 c.y. surfacing materials; 75 c.y. concrete; 550 ft. of 4-inch water main; 580 ft. of 5-inch sewer pipe; 2 gas tanks, 2 pumps, construction of brick bldg. about 48 ft x 84 ft. About \$14,000 available.

Awarded: Viesko and Hannaman, Salem, \$12,857.

Other Bidders: Keebler Bros., Lebanon, \$12,919; Frank Watt Const. Co., Portland, \$13,972; G. C. Richards, Albany, \$14,137; T. Y. McClellan, West Stayton, \$14,902; Teller Const. Co., Portland, \$16,356; Birkemeier & Sarnel, Milwaukie, \$17,354.

Linn County: Lebanon-Foster Section of Santiam Highway, involving furnishing and stockpiling about 7500 c.y. crushed rock or crushed gravel. About \$12,000 available.

Awarded: A. S. Wallace, Roseburg, \$10,840.

Other Bidders: D. L. Ashton, Lebanon, \$10,865; Saxton, Looney & Risley, Oak Grove, \$11,929; R. O. Dail and Warren Bros., Aberdeen, \$13,451.

Crook County: Ochoco Dam-Marks Creek Section of Ochoco Highway; Federal Aid Projects Nos. 175-B (2) and 175-C (2); 7.68 miles grading; 132 lf. composite trestle bridges; 10 miles surfacing and oiling; also furnish 4,400 c.y. crushed rock in stock piles. Requires approx. 213,000 c.y. excavation; 198 c.y. concrete; 24,000 lbs. metal reinf.; 43 MFEM treated and untreated lumber; 300 lf. concrete handrail; 69,400 c.y. crushed rock; and 570 tons asphaltic road oil.

Awarded: McNutt Bros., Eugene, \$171,865.

Other Bidders: Babler Bros., Portland, \$179,673; E. C. Gerber, Oregon City, \$180,201; Mountain States Const. Co., Eugene, \$195,553; Joplin & Eldon, Portland, \$198,773; C. A. Dunn, Klamath Falls, \$204,558; A. C. Greenwood Co., Portland, \$206,290; Roy L. Houck, Salem, \$208,138; E. C. Hall, Eugene, \$212,271; Homer G. Johnson, Portland, \$225,378.

Deschutes County: Roadside oasis at Brothers on Central Oregon Highway; Federal Aid Project No. 147-H (2). Requires construction of pump house; furnishing of pump and gas engine; installing pipe line irrigating system; construction of 98 rods of woven wire fence; and planting of 500 trees and shrubs and 3 acres of grass.

Awarded: D. L. Ashton, Lebanon, \$62,311.

Other Bidder: W. H. Philpott, Portland, \$65,669.

Malheur County: Jamieson - Lancaster Section of John Day Highway; Federal Aid Project No. 164-B (1); 7.04 miles grading, surfacing and oiling; construction of two 15-foot timber bridges; and furnish 2,700 c.y. crushed gravel in stock piles. Requires approximately 94,000 c.y. of excavation; 46 c.y. concrete; 7,400 lbs. metal reinf.; 19 MFEM treated lumber; 6,000 c.y. salvaged surfacing; 36,000 c.y. gravel roadbed topping; 4,000 c.y. crushed gravel; and 260 tons asphaltic road oil.

Awarded: Leonard & Slate, Multnomah, \$66,179.

Other Bidders: Triangle Const. Co., Boise, \$73,596; E. L. Gates, Flora, \$74,036; J. A. Terteling, Boise, \$75,413; Homer G. Johnson, Portland, \$77,400; McNutt Bros., Eugene, \$82,179.

Marion County: State Project. Construction of frame building approxi-

mately 28x162-ft. for car storage on the property of the Oregon State Highway Commission at the east city limits of Salem.

Awarded: C. A. Bahlberg, Salem, \$2242.

Other Bidders: Robert L. Foster, Salem, \$2391; Ervin E. Batterman, Salem, \$2426; Contracting and Sales Co., Portland, \$2490; Frank Watt Const. Co., Portland, \$2636.

Multnomah County: Corbett Station-Rooster Rock Section of Columbia River Highway; Federal Aid Project No. 248-A (1); 2.26 miles clearing; 0.37 mile grading and 1.15 miles rock toe embankment. Requires approximately 217,000 c.y. excavation; 25,800 lf. foundation piling; 1,070 c.y. concrete; and 112,000 lbs. metal reinforcement.

Low Bidder: Colonial Const. Co., W. 326 1st St., Spokane, \$129,430, referred to engineer.

Other Bidders: Leonard and Slate, Multnomah, \$133,460; Harold Blake, Portland, \$139,520; E. L. Gates, Flora, \$143,456; Berke Bros., Inc., Portland, \$144,485; Kuckenberger Const. Co., Portland, \$148,570; Oregon Contr. Co., Portland, \$151,295; K. L. Goulter, Seattle, \$151,848; J. A. Lyons, Portland, \$163,405; A. C. Greenwood, Portland, \$168,855; Parker-Schram, Portland, \$177,655; Joplin & Eldon, Portland, \$178,145; Kern & Kibbe, Portland, \$180,092; McNutt Bros., Eugene, \$180,781; Birkemeier & Sarnel, Milwaukie, \$184,176; J. C. Papan Carson, Wash., \$187,800; Hauser Const. Co., Portland, \$192,860; Homer G. Johnson, Portland, \$216,565.

Yamhill County: Sheridan-Polk Co. Line Section of Sheridan-Lincoln Co. Road; Federal Aid Project No. 261-B (1); 2.90 miles grading, surfacing and oiling. Requires approximately 8,600 c.y. excavation; 10,600 c.y. of rock or gravel surfacing materials; and 136 tons asphaltic road oil.

Awarded: O. C. Yokum, Willamina, \$18,887.

Other Bidders: Mountain States Const. Co., Eugene, \$19,401.00; J. C. Compton, McMinnville, \$21,487; Harold Blake, Portland, \$23,697; Warren Northwest, Inc., Portland, \$24,350.

Clatsop County: Olney-Jewell Section of Nehalem Secondary Highway, involving furnishing-stockpiling abt 6000 c.y. crushed rock. About \$12,400 available.

Awarded: D. L. Ashton, Lebanon, \$10,272.

Other Bidders: R. O. Dail & Warren Bros., Aberdeen, Wash., \$11,995; A. S. Wallace, Roseburg, \$12,275; Saxton, Looney & Risley, Oak Grove, \$12,900; Dolan Const. Co., Tillamook, \$14,730; Tidepoint Co., Astoria, \$17,520.

Douglas County: Umpqua River Bridge Section of Pacific Highway, involving about 500 c.y. struc. excav., 860 c.y. concrete, 115,000 lbs. metal reinf., 787,000 lbs. struc. stl., 525 ft. of handrail, 27,000 c.y. excav., single classification, 3200 c.y. gravel topping, 950 tons class A asphaltic concrete, 250 tons cutback asphalt in wearing surf., 700 c.y. crushed gravel in base and surfacing. About \$120,000 available.

Awarded C. J. Montag & Son, Couch Bldg., Portland, \$119,000.

Other Bidders: Mountain States Const. Co., Eugene, \$119,391; Theo. Arnez, Portland, \$120,853.

Jackson and Josephine Counties: Powers Ranch-Jacksonville Section of The Williams and Medford-Prout Secondary Highway, involving furnishing and stockpiling about 7700 c.y. crushed gravel. About \$13,000 available.

Low Bidder: R. I. Stuart & Son, Medford, \$11,195, referred to engineer.

Other Bidders: A. S. Wallace,

Roseburg, \$11,233; D. L. Ashton, Lebanon, \$12,226; Saxton, Looney & Risley, Oak Grove, \$14,925.

Jefferson County: Vanora-Madras Section of Warm Springs Secondard highway, involving about 56,500 c.y. crushed rock materials, placing about 5400 tons of bit. cem. About \$90,000 available.

Awarded: J. C. Compton, McMinnville, \$75,879.

Other Bidders: McNutt Bros., Eugene, \$78,423; O. C. Yokum, Willamina, \$83,246; Saxton, Looney & Risley, Oak Grove, \$85,633; A. Milne, Portland, \$85,782; Fisher Bros., Oregon City, \$86,204; Norris Bros., Burlington, Wash., \$89,442; Mountain States Const. Co., Eugene, \$91,497.

Sherman County: Moro-Waaco Co. Line Section of Sherman Highway, involving furnishing and stockpiling about 8700 c.y. crushed rock. About \$15,000 available.

Awarded: Rogers Const. Co., Dayton, Wash., \$13,833. Awarded by lot, similar bid submitted by H. L. Rice, 5816 S. 24th, Portland.

Other Bidders: Clifton & Applegate, Spokane, \$14,703; Fisher Bros., Oregon City, \$14,790; A. S. Wallace, Roseburg, \$15,360; Saxton, Looney & Risley, Oak Grove, \$16,008; R. O. Dail and Warren Bros., Aberdeen, Wash., \$17,400; Schmeer, Williams & Geste-mann, Portland, \$19,053.

Umatilla County: Pendleton - State Farm Section of Oregon-Washington Highway FAP 170-B (2). 7.43 miles grading and .57 mile oiling.

Awarded: M. L. O'Neill and Son, Eugene, \$74,900.

Other Bidders: Roy Houck, Salem, \$75,440; Leonard & Slate, Multnomah \$76,001; Newport Const. Co. and Kern & Kibbe, Portland, \$79,492; E. L. Gates, Flora, Ore., \$81,869; Harild Blake, Portland, \$82,173; Fisher Bros., Oregon City, \$83,799; McNutt Bros., Eugene, \$84,105; White Trucking Co., Walla Walla, \$86,503; Clifton & Applegate, Spokane, \$86,756; Diesel Oil Sales Co., Seattle, \$99,356; J. A. Lyons, Portland, \$93,912; Homer G. Johnson, Portland, \$94,079; Colonial Const. Co., Spokane, \$96,754; A. C. Greenwood & Co., Portland, \$97,141.

CONTRACT AWARDED

WHIPPLE, Yavapai County, Ariz.—Pearson and Dickerson, Inc., Prescott, Ariz., at \$12,609 awarded contract by the Veterans Administration, Room 764, Arlington Building, Washington, D. C., under Project No. 1566, for construction and finishing complete entrance road at Veterans Administration Facility, Whipple, Arizona.

LOW BIDDER

GILA COUNTY, Ariz.—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, at \$273,981.00 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Globe - Showlow Highway, F. A. 99-D, A. E. F. and F. L. 6-B (1939). The work, which begins about 50 miles northeast of Globe and extends southwesterly about 29.5 miles (unless the project is cut back as provided in the contract), consists of subgrading roadway and refinishing slopes; furnishing and placing select materials, SC-6 road oil plant mix, Type B seal coat and asphaltic surface treatment; and is to be completed on or before October 31, 1939.

LOW BIDDER

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—F. J. Main, Fairfax, at \$1296.00 submitted low bid to the South San Francisco City Council, Daniel McSweeney, City Clerk, for the removal of the existing wear-

ing surface and resurfacing the pavement on the portion of Linden Ave. from a point 400 feet south of Railroad Ave. to a point 2900 feet south of Railroad Avenue, South San Francisco. 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Phoenix Tempe Stone Co., Phoenix, at \$14,834.89 submitted low bid and was awarded contract by the Phoenix City Commission, City Hall, for improvement of portions of Whishire Drive and Third, Virginia and Central Avenues, Phoenix. W. E. Hall Co., Phoenix, at \$15,867.90 submitted second low bid. 29

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal.—Hayward Bldg. Materials Co., Atherton and Jackson Streets, Hayward, at \$26,490.89 awarded contract by the San Mateo City Council, W. D. Soule, City Engineer, City Hall, for grading and paving, constructing curbs, gutters, sidewalks, storm water sewers, sanitary sewers, etc., on various streets in the City of San Mateo. Work involves:

- (1) 4,386 c.y. grading;
- (2) 24,735 sq. ft. concrete sidewalk;
- (3) 421 c.y. concrete curb and gutter;
- (4) 63,378 sq. ft. 4½-inch stabilized base pavement with 1½-inch asphalt concrete wearing surf.;
- (5) 538 lf. 8-in. vit. clay pipe sewer furnished and installed complete;
- (6) 3,763 lf. 6-in. vit. clay pipe sewer furnished and installed complete;
- (7) 1353 lf. 12-in. concrete sewer pipe furnished and installed complete;
- (8) 21 red burnt brick manholes capped with cast iron frame and cover complete;
- (9) 12 storm water catch basins furnished and installed complete;
- (10) 50 tons asphaltic concrete;
- (11) 38 lf. of 3x6-in. redwood header boards furnished and installed complete.

Complete total bids follow:

- (A) Hayward Bldg. Materials Co., \$26,490.89.
- (B) Union Paving Co., \$28,257.24.
- (C) A. J. Raisch, \$29,269.28.
- (D) A. Granzotto, \$29,949.51.
- (E) Charles L. Harney, \$33,439.37.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	30	\$ 34	\$ 47	\$ 55	\$ 30
(2).....	15	17	14	14	22
(3).....	15.00	16.00	14.00	17.00	19.50
(4).....	13	125	17	145	17
(5).....	90	90	90	90	85
(6).....	70	80	70	80	75
(7).....	1.20	1.20	1.00	1.40	1.10
(8).....	65.00	75.00	70.00	70.00	75.00
(9).....	38.00	75.00	65.00	40.00	85.00
(10).....	5.50	5.00	6.00	6.50	5.50
(11).....	.60	.20	.30	.15	.70

BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 28, 2 P. M., bids will be received by the State Highway Dept., 808 State Bldg., Los Angeles, for the rental of low bed trailer equipment for transporting heavy road machinery anywhere in Dist. VII. Bids will be taken as follows:

- (1) 15-ton maximum net load;
 - (2) 15-24-ton net load;
 - (3) 24-40-ton net load;
 - (4) over 40 tons net load.
- "Standby" time (loading or unloading time in excess of one hour at each end of move).

Bids must be submitted on forms obtainable only at the office of the district, 808 State Building, Los Angeles.

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 7, 10 A. M., bids will be received by Los Angeles board of public works for grading, paving, and otherwise improving Olympic Boulevard bet. Flower St. and Georgia St. PWA Project 1708-F Unit 3. 29

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 7, 10 A. M., bids will be received by Los Angeles board of public works for grading, paving, and otherwise improving Olympic Blvd. from Heath Ave. to Beverly Glen Blvd. and from alley west of Bonnie Brae St. to Hoover St. and from 27 ft. east of Bronson Ave. to Rimpau Blvd. PWA Project 1708-F, Unit 2. 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Ariz.—Phoenix Tempe Stone Co., Phoenix, at \$8,170.70, submitted low bid and was awarded contract by the Phoenix City Commission, City Hall, for the improvement of portions of Edgemont and Central Avenues, Phoenix. W. E. Hall Co., Phoenix, at \$8,674.60 submitted second low bid. 29

LOW BIDDER

LASSEN COUNTY, Calif.—Harms Bros., Box 209, Sacramento, at \$9,929.50 submitted low bid to the State Division of Highways, F. W. Haseiwold, District Engineer, District II, Redding, for about 0.6 mile grading and surfacing with gravel and applying penetration oil treatment bet. 3 miles south of Standish and Wendel (II-Las-Feeder Road), Lassen Co. 29

LOW BIDDER

LOS ANGELES CO., Calif.—Matich Bros., Elsinore, at \$70,345 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.4 miles of grading and paving with Portland cement concrete at San Martinez Chiquito Canyon, Los Angeles county. Complete bids will be published shortly. 29

AWARD RECOMMENDED

LOS ANGELES CO., Calif.—R. E. Hazard & Sons, P. O. Box 1510, San Diego, at \$28,511.75, recommended for award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surface (Type B-1) on 12,509 miles of Section A, B, C, D and E of Route 61, the Angeles Crest National Forest Highway, Los Angeles County. 29

AWARD RECOMMENDED

SHASTA COUNTY, Calif.—Hemstreet & Bell, P. O. Box 550, Marysville, at \$106,635 recommended for award of contract by the United States Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing base course, surface course and bituminous treatment on 12,052 miles of Section E (portion), H and J of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County. 29

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Pacific States Construction Co., 564 Market St., San Francisco, at \$16,458, was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,181, for improvement of Alemany Blvd. from Baysshore Blvd. Westerly. 29

BIDS WANTED

SAN FRANCISCO.—Until Dec. 14, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,176 for reconstructing Homestead Street from 24th to 25th Sts., Lloyd St. from Scott St. to Castro St. extension; and 12th Ave. from Kirklham to Lawton St. Est. cost, \$9,072.

- Work involves:
- (1) 200 lf. reset stone curb;
 - (2) 50 lf. armored concrete curb;
 - (3) 700 sq. ft. 2-course concrete sidewalk;
 - (4) 17,200 sq. ft. remove basalt blocks and construct 6-in. Class E concrete pavement;
 - (5) 900 sq. ft. remove pavement, consisting of a concrete base and an asphaltic wearing surface and replace with 6-in. Class F concrete paving base;
 - (6) 22,000 sq. ft. remove asphaltic wearing surface;
 - (7) 310 tons asphaltic concrete wearing surface, in place;

If PWA grant is not received for the above project, work will be done under County Road Fund, Bid No. 19,212. Contractors will be required to take out two sets of plans. Plans and specifications may be received from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00 each. 29

BIDS OPENED

SACRAMENTO, Calif.—Bids were received by Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of the alley between Second and Third Aves. from the easterly line of 30th St. to the westerly line of Alhambra Blvd., Sacramento. Bids taken on:

- (1) cast iron gutter drains;
- (2) concrete manholes;
- (3) excavation, per c.y.;
- (4) 6-inch pipe, per lf.;
- (5) ¾-in. by 6-in. by 20-in. expansion joints;
- (6) Portland cement, per c.y.

Bidders were:

- (A) E. F. Hilliard, Sacramento.
- (B) L. G. Lentz, Sacramento.
- (C) Carl R. Fiedler, Sacramento.
- (D) A. Teichert & Son, Inc., Sacramento.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$18.50	\$20.00	\$23.00	\$22.00
(2).....	6.50	7.50	8.00	7.50
(3).....	1.30	.55	1.40	1.50
(4).....	.80	.80	.80	.90
(5).....	2.20	2.50	3.00	2.45
(6).....	13.50	11.90	12.30	12.65

CONTRACT AWARDED

COCONINO CO., Ariz.—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, at \$110,589.52 awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for about 3.57 miles grading and placing surfacing base on Section B of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino Co., Ariz. 29

CONTRACT AWARDED

ORANGE COUNTY, Calif.—V. R. Dennis Const. Co., P. O. Box F, Sta. A, San Diego, at \$135,054.10 awarded contract by the State Division of Highways, Sacramento, for about 1.3 miles grading and paving with Portland cement concrete and constructing bank protection work between Sulphur Slide and Riverside county line, Orange County. 29

BIDS WANTED

SAN FRANCISCO.—Until Dec. 14, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No.

19,195 for reconstructing Lynch St. between Hyde and Leavenworth Sts. Estimated cost, \$1,501.

Work involves:

- (1) 5,000 sq. ft. remove existing asphaltic concrete wearing surface and replace with a 2-in. asphaltic concrete wearing surface;
(2) 910 lf. unarmored concrete curb;
(3) 35 tons asphaltic concrete pavement (back base);
(4) 1075 sq. ft. 2-course concrete sidewalk.

If PWA grant is not received for the above project, work will be done under County Road Fund, Bid No. 19,208. Contractors will be required to take out two sets of plans.

Plans and specifications may be received from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00 each.

CONTRACT AWARDED

KERN COUNTY, Calif.—J. A. Casson, 319 Warren St., Hayward, at \$33,571.25 awarded contract by the State Division of Highways, Sacramento, for about 7.6 miles grading, road-mix surfacing treatment and applying Class A seal coat between 4 miles and 12.8 miles east of Mohave, Kern County.

CONTRACT AWARDED

KINGS COUNTY, Wash.—Elliott & Co., Seattle, at \$110,077.50 awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.655 mi. partial grading, 0.70 miles grading, 0.979 miles clearing and 0.853 miles advance clearing on the Stevens Pass Highway, Grading and Advance Clearing Project 8-C1., D. National Forest Road Project, located within Snoqualmie National Forest, Kings County, Wash.

CONTRACT AWARDED

LOS ANGELES CO., Cal.—Claude Fisher Co., Ltd., 2455 E 55th Street, Los Angeles, at \$21,493 awarded contract by the State Division of Highways, Sacramento, for about 0.5 mile grading, paving with Portland cement concrete and constructing bank protection at Big Tujunga Wash, Los Angeles County.

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Hayward Bldg. Materials Co., Atherton and Jackson Sts., Hayward, at \$28,490.89, submitted the low bid to the San Mateo City Council, W. D. Soule, City Engineer, City Hall, for grading and paving, constructing curbs, gutters, sidewalks, storm water sewers, sanitary sewers, etc., on various streets in the City of San Mateo.

Complete total bids follows:
Hayward Bldg. Mat. Co. \$26,490.89
Union Paving Company 28,257.54
A. J. Raisch 29,269.28
A. Granzotto 29,949.51
Charles L. Harney 33,439.37

30—RESERVOIRS & DAMS

CONTRACT AWARDED

SACRAMENTO, Calif.—Morrison-Knudsen Co., Inc., 954 Howard St., San Francisco (P. O. Box 1518, Boise, Idaho), at \$262,486.70 (combination Schedules A and B), awarded contract by the U. S. Engineer Office, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-81 for raising, strengthening and setting back the existing levee, as follows:

(A) West levee of Feather River from Yuba City south to Shanghai Bend, approx. 17,000 feet.

(B) Along the west levee of Feather River from Starr Bend 2 miles southerly, approx. 10,500 feet.

CONTRACT AWARDED

COLORADO PROJECT.—Warner Construction Co., Chicago, at \$4,226-206.20, awarded contract by the U. S. Bureau of Reclamation, Denver, under Spec. No. 797, for construction of the Green Mountain Dam and Power Plant, Colorado-Big Thompson Project, Colo.

CONTRACT AWARDED

OCEANSIDE, Calif.—S. M. Milovich, 1113 Olympic Blvd., Montebello, at \$810,000 (subject to PWA approval), awarded the contract by the Oceanside city council, for the construction of revetments, levees, and pilot channel on San Luis Rey River near Oceanside, Ernest A. Taylor, St. Supt. and City Engineer.
S. M. Milovich \$ 8,100
V. R. Dennis Constr Co. 9,480
Iraih O. Dixon. 9,862
Metcalf Crane Service 10,316
H. H. Peterson 11,364
Walter H. Barber 12,396
R. E. Hazard & Sons 12,515
Griffith Co. 14,115
30

31—PIPE LINES & WELLS

November 23, 1938

BIDS WANTED

LOS ANGELES COUNTY, Calif.—As previously reported until December 12, 2 P. M., bids will be received by the Metropolitan Water District, 306 West Third St., L. A., for the construction of precast concrete or welded steel-plate pipe lines and appurtenant works for the Long Beach, Torrance, and Compton laterals of the Colorado River Aqueduct distribution system, Spec. 293. The work is located in the City of Los Angeles, and in unincorporated territory of the County of L. A. Proposals will be received for two alternative types of pipe line construction. The lengths, diameters, and types of pipe required for the respective schedules are as follows:

(P) Lock-joint steel cylinder reinforced precast concrete pipe: Sch. 26: 4.7 miles of 36-in. pipe; Sch. 27: 1.2 miles of 30-in. pipe; Sch. 28: 1.3 miles of 21-in. pipe.

(C) Welded steel-plate pipe with Gunite exterior coating and centrifugally applied (spun) mortar lining; Sch. 26, 4.7 miles of 37-in pipe; Sch. 27: 1.2 miles of 3-in. pipe; Sch. 28: 1.3 miles of 22-in. pipe.

Award will not be made for less than all the items in a schedule. Schedules 26P and 26SC for the construction of the Long Beach lateral are alternative and both will not be awarded. Schedules 27P and 28P likewise alternative to Schedules 27SC and 28SC for construction of the Torrance and Compton laterals respectively, and award will not be made under said schedules for more than one type of construction. A bid on either Schedule 27P or 28P will not be considered unless the bidder submits a proposal for both of said schedules; and an award if made thereunder will not be made for less than both of said schedules in a single contract. Similarly, a bid on either Schedule 27SC or 28SC will not be considered unless the bidder submits a proposal for both; and an award if made thereunder will not be made for less than both of said schedules in a single contract. Subject to the foregoing conditions the bidder may make any stipulations

he desires regarding combination of Schedule 26P or 26SC with the pair of Schedules 27P and 28P or with the pair of Schedules 27SC and 28SC. Plans will not be ready until Nov. 23, after which time copies may be obtained at Room 107, 306 West Third St., L. A., upon payment of \$5.00, not returnable. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, Chief Engineer.

The schedule and items are:

Table with 3 columns: Item description, Quantity, and Price. Includes items like (1) Trench excav., cu. yds.; (2) Excav. for struc., cu. yds.; (3) Backfill, cu. yds.; (4) Rock refill, tons; (5) Conc. in struc., cu. yds.; (6) Conc. in grade, cu. yds.; (7) Precast concrete pipe, diam. 36 in., in. ft.; (8a) With std. lock-joints; (8b) With welded lock-joints; (9) Precast concrete pipe, diam. 21 in., in. ft.; (9a) With std. lock-joints; (9b) With welded lock-joints; (10) Furn. and placing steel cyl. reinf. in 86-in. PCP, lin. ft.; (10a) 13 gauge; (10b) 12 gauge; (10c) 3/4-in. plate; (11) Furn. and placing steel cyl. reinf. in 30-in. PCP, lin. ft.; (11a) 14 gauge.

Long Bch 26P	26SC	
Torrance .27P	3,420	27SC
Compton .28P		28SC
(11b) 13 gauge—		
Long Bch 26P	26SC	
Torrance .27P	2,780	27SC
Compton .28P		28SC
(11c) 5/16-in. plate—		
Long Bch 26P	26SC	
Torrance .27P	35	27SC
Compton .28P		28SC
(12) furn. and placing steel cyl. reinf. in 21-in. PCP, lin. ft.:		
(12a) 14-gauge—		
Long Bch 26P	26SC	
Torrance .27P		27SC
Compton .28P	6,720	28SC
(12b) 5/16-gauge—		
Long Bch 26P	26SC	
Torrance .27P		27SC
Compton .28P	40	28SC
(13) furn. and placing reinf. steel in PCP, lbs.:		
Long Bch 26P	2,150.00	26SC
Torrance .27P	414,000	27SC
Compton .28P	228,000	28SC
(14) placing reinf. steel in struc., lbs.:		
Long Bch 26P	55,000	26SC
Torrance .27P	11,000	27SC
Compton .28P	12,000	28SC

(15) furn. and install 37-in. spun mortar line steel pipe, lin. ft.:		
(15a) 5/8-in. plate—		
Long Bch 26P	51	26SC
Torrance .27P		27SC
Compton .28P		28SC
(15b) 1/2-in. plate—		
Long Bch 26P	121	26SC
Torrance .27P		27SC
Compton .28P		28SC

(16) furn. and install 31-in. spun mortar lined steel nine, lin. ft.:		
(16a) 5/16-in. plate—		
Long Bch 26P	26SC	
Torrance .27P	37	27SC
Compton .28P		28SC
(16b) 1/2-in. plate—		
Long Bch 26P	26SC	
Torrance .27P	27	27SC
Compton .28P		28SC

(17) furn. and install 22-in. spun mortar lined steel nine, lin. ft.:		
(17a) 5/16-in. plate—		
Long Bch 26P	26SC	
Torrance .27P		27SC
Compton .28P	40	28SC
(17b) 1/2-in. plate—		
Long Bch 26P	26SC	
Torrance .27P		27SC
Compton .28P	40	28SC

(18) incasement under RR tracks, lin. ft.:		
Long Bch 26P	121	26SC
Torrance .27P	27	27SC
Compton .28P		28SC

(19) pipe coating, type E sq. ft.:		
Long Bch 26P	2,100	26SC
Torrance .27P	800	27SC
Compton .28P	500	28SC

(20) furn. and install steel manhole assemblies, lbs.:		
Long Bch 26P	8,200	26SC
Torrance .27P	3,000	27SC
Compton .28P	3,700	28SC

(21) furn and install thimbles for connections to flange fittings, lb.:		
Long Bch 26P	100	26SC
Torrance .27P	500	27SC
Compton .28P	100	28SC

(22) furn. and install steel plate specials, lbs.:		
Long Bch 26P	35,000	26SC
Torrance .27P	18,000	27SC
Compton .28P	15,000	28SC

(23) furn. and install electrolysis test		
--	--	--

points, type 1:		
Long Bch 26P	1	26SC
Torrance .27P		27SC
Compton .28P		28SC
(24) same, type 2:		
Long Bch 26P		26SC
Torrance .27P	1	27SC
Compton .28P		28SC
(25) same, type 3:		
Long Bch 26P	3	26SC
Torrance .27P	2	27SC
Compton .28P	2	28SC
(26) install misc. metal, lb.:		
Long Bch 26P	44,000	26SC
Torrance .27P	17,000	27SC
Compton .28P	13,000	28SC
(27) furn and install 6-in. C 1 pipe for sewer reconstruct., lin. ft.:		
Long Bch 26P	100	26SC
Torrance .27P		27SC
Compton .28P		28SC
(28) remodeling house conn. sewers, lin. ft.:		
Long Bch 26P	100	26SC
Torrance .27P		27SC
Compton .28P		28SC

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED
 LOS ANGELES, Calif.—Peter S. Tomich, 3053 Carlyle St., at \$29,180.65 awarded contract by Los Angeles board of public works for construction of sanitary sewers in Vantage Ave. bet. Cantura St. and Laurel Terrace Drive, under the 1911 Act.

CONTRACT AWARDED
 LOS ANGELES, Cal.—Bennett and Taylor, 598 San Fernando Road, at \$31,948 awarded contract by the Los Angeles board of public works for remodeling work at the Manchester Ave. sewage pumping plant, PWA project 1625-F, AC 66012.

BIDS OPENED
 SAN BENITO CO., Calif.—Jess Paullus, 659 Central Ave., Hollister, at \$3,058.37, submitted low bid and was recommended for award (subject to PWA approval) by the Board of Directors of Pacheco Pass Water District, L. G. Barrett, Secretary, Bank of America Building, Hollister, for the construction of Las Viboras betterments in San Benito County.
 Total bids follow:
 Jess Paullus, Hollister \$3,058.37
 Bennett & Taylor, L. A. 3,897.22
 Dan Caputo, San Jose 4,351.50
 Underground Constr. Co., Berkeley 5,195.50
 Engineer's estimate 3,025.00

BIDS WANTED
 OROVILLE, Butte Co., Calif.—Until November 28, 10 A. M. (opened 10:30 A. M.), bids will be received by the Directors of North Burbank Public Utility District of Butte County, Calif., for the construction of sanitary sewer system consisting of sewer, mains and laterals located about one mile south of Oroville.
 Work includes:
 (1) 2,100 l.f. 10-in. sewer mains;
 (2) 5,500 l.f. 8-in. sewer mains;
 (3) 29,500 l.f. 6-in. sewer laterals;
 (4) 100 manholes;
 (5) 37 lampholes.

Plans and specifications may be obtained from Edward van Geldern, Engineer of North Burbank Public Utility District, Yuba City, Calif., upon deposit of \$10.00.

BIDS WANTED
 DECOTO, Alameda Co., Calif.—Until December 6, 8 P. M., bids will be received by the Decoto Sanitary District, Secretary, Firehouse Building, Decoto, for construction of Sewerage System Unit No. 1, Treatment Plant and appurtenances. PWA grant \$45,000; bond issue \$56,000.
 Work involves:

- (1) 900 c.y. excavation for Imhoff tank;
- (2) Grading for filter beds, sludge beds, roadway and dikes, (a) 7,000 c.y.; (b) 1200 c.y.;
- (3) 135 c.y. Portland cement concrete in place, Imhoff tanks, slabs, foundations, pits, etc.;
- (4) Lumber, exclusive of operations building and forms: (a) 2.3 M F B M; (b) 1,000 MFEM;
- (5) 8-in. vit. clay pipe; (a) 1900 l.f.; (b) 2400 l.f.;
- (6) 10-in. vit. clay pipe; (a) 2200 l.f.; (b) 1560 l.f.;
- (7) Cast iron pipe and fittings; (a) 4000 lbs.; (b) 9250 lbs.;
- (8) 4-in. gate valves; (a) four; (b) five;
- (9) 4-in. plug valves; (a) two; (b) two;
- (10) 8-in. gate valves; (a) two; (b) one;
- (11) 8-inch Calco valve slide head gates; (a) one; (b) one;
- (12) 10-inch Calco slide head gates; (a) three; (b) prepare area for furrow irrigation;
- (13) 8-inch shear gates; (a) three; (b) three;
- (14) 10-in. shear gates; (a) one; (b) one;
- (15) reinforcing steel; (a) 17,000 lbs.; (b) 7,000 lbs.;
- (16) structural steel; (a) 5000 lbs.; (b) 500 lbs.;
- (17) 6-inch water bound macadam roadway; (a) 6000 sq. ft.; (b) 6000 sq. ft.;
- (18) 1/2 inch corr. metal pipe; (a) 52 l.f.; (b) 52 l.f.;
- (19) 2 special manholes;
- (20) pumps, motor and pressure system;
- (21) sludge and affluent pump with gas engine;
- (22) bar screens, grit and screen chamber;
- (23) power supply line and poles;
- (24) operations building, wood, frame and stucco with shingle roof, 20x34-foot.

Lump sum bids will be received on either (a) or (b).
 Plans and specifications may be obtained from the above office or from the City Engineer, City Hall, Hayward, upon deposit of \$20, returnable.

BIDS WANTED
 LOS ANGELES CO., Calif.—Until December 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction and installation of sanitary sewers on Fremont Avenue between First St. and Diamond St., on Diamond St. between Fremont Ave. and North Figueroa St., and on North Figueroa St. between Diamond St. and Temple St., on a portion of the State Highway in the City of Los Angeles.
 Work involves:

- (1) Clear and grub;
- (2) 18,000 c.y. rdwy. excav., unclass;
- (3) 5,000 c.y. struc. excav.;
- (4) 50 c.y. remove concrete;
- (5) 3 each drop manholes, type S;
- (6) 3 each manholes, type B;
- (7) 1 each flushing struc. No. 2;
- (8) 1 each reconstruct exist. manhole;
- (9) 80 l.f. 6-in. vit. clay pipe;
- (10) 1,250 l.f. 8-in. vit. clay pipe extra strength;

- (11) 7 c.y. Class A Portland cement conc. pipe relinf.;
 (12) 35 c.y. Class A Portland cement concrete sidewalks;
 (13) 1 lot misc. items of work.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 32

33— WATER WORKS

BIDS WANTED

VENTURA, Ventura Co., Cal.—Un-til Dec. 5, 5 P. M. (opened at 7:30 P. M.) bids will be received by the Ventura city council for the construction of a water treatment plant on the Ventura-Ojai road, 6 miles north of Ventura, in accordance with plans and specifications prepared by the engineers, Taylor & Taylor, 725 S. Spring St., Los Angeles, from whom copies may be obtained upon deposit of \$20, returnable. Certified or cashier's check or bid bond for 10% must accompany each proposal. Grace Woodruff, city clerk. * 33

34— PARKS AND PLAY-GROUNDS

BID REJECTED

SANTA CLARA, Santa Clara Co., Calif.—Procurement Division, Public Buildings Branch, Washington, D. C., rejected only bid received for landscape work at the U. S. P. O., at Santa Clara.

Plans will be revised and re-advertised. Previous low bid submitted by West Construction Co., San Francisco, at \$837 * 34

35— TUNNELS

LOW BIDDERS

PROVO RIVER PROJECT, Utah.—George K. Thompson Company, 704 So. Spring Street, Los Angeles, submitted low bid to the U. S. Bureau of Reclamation, Provo, Utah, under Spec. No. 808, for the construction of the Olmsted and Alpine-Draper tunnels for the Salt Lake Aqueduct, Aqueduct division, Provo River Project, Utah.

Low bidders were:
 Geo. K. Thompson Co., L. A., Sch. 1—\$129,087.50; Sch. 2—\$130,417.88. Sch. 3—\$617,448; Sch. 4—\$625,888.

R. G. Clifford, San Francisco, Schs. 1 and 3—\$132,535, \$666,848; Schs. 2 and 4—\$133,533; \$666,248.

W. W. Clvde and Company, Springfield, Utah, Sch. 1—\$130,808.

Stroud-Seabrook and Elliott, L.A., Sch. 2—\$135,828.75.

L. E. Dixon Co., L. A., Schs. 3 and 4—\$676,488, \$681,668. * 35

TO ASK BIDS SHORTLY

FORTLAND, O.e.—The U. S. Bureau of Public Roads, Portland, will ask for bids shortly for the construction of tunnel lining, paving and approach structures, tunnel station 1498 plus 15, Willamette Highway, Oregon Forest Highway Project 21-J3-K2. Contract involves approximately 925 l.f. concrete lining and pavement, masonry portals, electric lighting, 250 l.f. reinforced concrete viaduct and approach masonry walls and main guard rail. Preparation of certain phases of the special provisions may delay this advertisement until too late to examine the project in the field, and in order that interested contractors may be in a position to submit bids when called for in the near future, they are advised to examine the project at once

before snow conditions make the project inaccessible.

Information regarding plans may be obtained at the office of the Bureau of Public Roads, 316 New Post Office Bldg., Portland. * 35

SAN FRANCISCO CITY PERMITS UNDER \$1000

ALTER bar, \$200; 672 Jackson St.; owner, Leong Hong, prem.; contractor, Frank Yick, 670 Washington St.
 ALTER hotel, \$200; Market and Mc-Allister Sts.; owner, Capital Co., 625 Market St.; contractor, Phoenix-Simpton Co., 520 Sixth St.
 BILLBOARD, \$7; W Market 206 N Corbett; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
 BILLBOARD, \$7; W Market 169 N Glendale; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
 BILLBOARD, \$13; SW Pt. Lobos and 47th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
 SIGN, electric \$150; 750 Howard St.; owner, Famous Rooms, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
 BILLBOARD, \$15; SW Chestnut and Van Ness; owner and contractor, Foster & Kleiser Co., 1675 Eddy.
 ALTER flats, \$100; 464 1/2 Filbert St.; owner, Giuseppe La Russa, prem.; contractor, Concrete Contractors Co., 395 Vermont St.
 ALTER dwelling, \$335; 2206 Green; owner, Mrs. Le Turgey, prem.; contractor, Star Ornamental Iron Works, 22 Bay St.
 ALTER store, \$100; 827 Kearny St.; owner, Juong Lun, prem.; contractor, Frank Yick, 670 Washington St.
 ALTER flats and store, \$400; 3406-08 Mission St.; owner and contractor, Geo. Benchert, 238 Judson.
 ALTER woodshed, \$35; 411 Holly Pk. Circle; owner, John V. O'Brien, premises.
 SIGN, electric, \$185; 1499 Haight St.; owner, Portola Tamale Cafe, 1439 Haight St.; contractor, Brumfield Elec. Sign Co., 965 Folsom.
 ALTER dwelling, \$100; 156 Curtis St.; owner, Maria Heyn, prem.
 SIGN, electric, \$250; 953 Market St.; owner, Maxferd's, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
 ALTER apts., \$40; 2 Alhambra; owner, C. F. Blake, prem.
 ALTER dwelling, \$495; 3005 Jackson St.; owner, R. J. Hecht, prem.; contractor, Thomas Ellingson, Jr., 6119 Majestic Ave., Oakland.
 ALTER dwelling, \$420; 4048 23rd St.; owner, Clarence J. Heffernan, prem.; contractor, National Rfg. and Siding Co., 2172 Market St.
 ALTER dwelling, \$100; 2909 Jennings; owner, Stanley Kroll, premises.
 FLUES, \$590; SE Graystone Terrace and Pemberton Place; owner, Mr. Elsan, 2 Edgell Hill Way; contractor, XLCR Gas Furnace Co., 183 West Portal Ave.
 ALTER dwelling, \$600; 1054 Capitol Ave.; owner, Robert B. St. Clair, prem.; contractor, National Roofing and Siding Co., 2172 Market St.
 ALTER refinery, \$500; NE Quesada and Griffith; owner, A. B. Cooner, 1096 Quesada.
 ALTER dwelling, \$560; 1068 Florida; owner, Angelo Johns, premises; contractor, National Roofing & Siding Co., 2172 Market St.
 ALTER dwelling, \$600; 318 27th Ave.; owner, Thomas E. Palmer, 318 27th Ave.; contractor, Cal. Home Imp. Co., 393 9th St.
 ALTER dwelling, \$480; 142 Benning-

ton; owner, Mary Gainey, prem.; contractor, Al C. Lindgren, 346 Lowell St.; plans by Henry Parke Clark, 210 Post St.

ALTER dwelling, \$150; 227 Noriega; owner, W. E. Carvall, prem.

SIGN, electric, \$300; Market and Dolores Sts.; owner, Tide Water Ass. Oil Co., prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER cafe, \$70; 345 Hunters Point Blvd.; owner, Mr. Orlando, prem.; contractor, Thos. Ellingson, Jr., 6119 Majestic Blvd., Oakland.

SIGN, electric, \$350; 4112 Geary Blvd.; owner, New Richmond Laundry, prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FLUES, \$178; 167 Elmira; owner, H. De Piero, prem.; contractor, W. Burnian, 2555 San Bruno Ave.

ALTER dwelling, \$500; 703 San Bruno Ave.; owner, Peter Ross, prem.; contractor, Jas. O. Rock, 2165 15th St.

ALTER dwelling, \$435; 2737 23rd St.; owner, J. L. Seavers, premises; contractor, National Roofing & Siding Co., 2172 Market St.

ALTER dwelling, \$100; 3735 16th St.; owner, Ivan Vinoff, prem.
 SIGN, electric, \$250; 619 Market St.; owner, Hoffman Grill, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER store, \$100; 827 Kearny St.; owner, Quong Lung, premises; contractor, Frank Yick; 670 Washington St.

ALTER flats, \$485; 1372 Ellis St.; owner, Mrs. Elkins, c/o cont.; contractor, L. Salomon, 1734 Broderick St.

FLUES, \$50; 2251 Green St.; owner, W. H. Woodruff, prem.; contractor, Louis J. Reiss, 2272 Market St.

BILLBOARD, \$13; N Judah 57 W 18th Ave.; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

BILLBOARD, \$25; SE Bryant and Morris Sts.; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

ALTER garage, \$100; 745 Gough St.; owner, Baldwin & Cow, prem.

SIGN, electric, \$495; 1435 Market; owner, Symon Bros., premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER flats, \$150; 119 Jersey St.; owner, Peter Goeres, premises.

BILLBOARD, \$13; S Market 90 W 10th St.; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

ALTER dwelling, \$450; 285 Sadowna; owner, Ludwig Larson, premises; contractor, V. Oliva, 927 Hampshire St.

ALTER loft, \$250; 159 14th Street; owner, Thomas Drayage Co., 14th St. bet. Howard and Folsom Sts. contractor, F. M. Sauer, 2622 22nd Ave.

BARBER pole, \$50; 1811 Fulton St.; owner, A. L. Oliver, 1747 Fulton.

BILLBOARD, \$25; N Chestnut 119 W Divisadero; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

BILLBOARD, \$25; SE Harrison and Oak Grove; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

ALTER dwelling, \$850; 242 Hearst Ave.; owner, Ito Retig, prem.; contractor, National Roofing and Siding Co., 2172 Market St.

BILLBOARD, \$13; NE 3rd and 25th Sts.; owner and contractor, West Coast Adv. Co., 1430 Divisadero.

BILLBOARD, \$13; S Golden Gate Ave. 175 E Masonic; owner and contractor, West Coast Adv. Co., 1430 Divisadero St.

FLUES, \$200; 761 Market St.; owner, Manning Coffee, Co., premises; contractor, Domestic Gas Equip. Co., 1318 Polk St.

SIGN, electric, \$200; 2814 Greenwich St.; owner, E. King, premises; contractor, Western Neon Lite Co., 75 Fremont St.

FLUE, \$95; 22-26 California Street; owner, El Jardin Rest., premises; contractor, Jos. Flaherty Co., 225 Sacramento St.

SIGN, electric, \$190; 4600 Mission St.; owner, Hibernia Bank, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$250; 1040 De Haro St.; owner, Mr. Lassus, c/o contractor; contractor, L. Salomon, 1734 Broderick St.

SIGN, electric, \$200; 969 Stockton St.; owner, Wing Duck Co., premises; contractor, Brumfield Elec. Sign Co., 985 Folsom St.

ALTER flats, \$700; 1180 O'Farrell; owner, D. N. Neal, premises.

FENCE, \$25; 1418 45th Ave.; owner, E. Guresh, 125 Noe St.; contractor, E. J. Rogers & Sons, 1458 19th Ave.

SIGN, electric, \$85; 956 Cole Street; owner, Droubie Bros., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$25; 1556 Thomas; owner, Emma Biesterfeld, prem.

ALTER mercantile bldg., \$150; 2204 Chestnut St.; owner, F. E. Clark, premises; contractor, L. M. Coggins, 1128 Oak St.

ALTE Rdwe. ng, \$400; 1029 Carolina St.; owner, Jos. Batalif, prem.; contractor, Economy Roofing and Siding Co., 2577 San Bruno Ave.

ORANGE COUNTY—HIGHWAY CONST.—(State)

ORANGE COUNTY, Calif.—R. E. Campbell, 711 Central Building, Los Angeles, at \$34,036 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing about 0.15 mile of embankment protection at Doheny Park at the mouth of San Juan Creek in Orange County.

Work involves:

- (1) Clear and grub;
- (2) 200 M. gals. water;
- (3) 2 c.y. remove concrete;
- (4) 11,200 c.y. rdwy. excav., unclass.
- (5) 1,050 c.y. struc. excav.;
- (6) finish rdwy.;
- (7) 14,000 lbs. bar reinf. steel;
- (8) 1,700 sq. yds. mesh reinf.;
- (9) 150 c.y. Class A Portland cem. conc. struc.;
- (10) 650 l.f. cutoff wall steel sheet piling;

- (11) 64 each rod anchors cut off wall
- (12) 290 c.y. Class A Portland cement conc. slope pave.;
- (13) 70 l.f. 18-in. CMP;
- (14) 1 each 18-in. automatic drainage gate.

Total bids follow:

- (A) R. E. Campbell, L. A., \$34,036.00.
- (B) C. G. Willis & Sons, Inc., Los Angeles, \$35,724.92.
- (C) S. A. Cummings, San Diego, \$37,706.00.
- (D) V. R. Dennis Construction Co., San Diego, \$39,832.50.
- (E) H. H. Peterson, San Diego, \$41,952.50.
- (F) R. M. Price, South Gate, \$47,552.00.
- (G) C. O. Sparks & Mundo Engineering Co., L. A., \$48,722.00.
- (H) R. H. Travers, L. A., \$48,952.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 600.00	\$ 320.00	\$1000.00	\$ 750.00	\$ 250.00	\$2900.00	\$ 350.00	\$ 900.00
(2)	1.50	2.00	1.75	1.00	2.00	1.00	1.50	1.20
(3)	10.00	10.00	15.00	10.00	7.50	10.00	16.00	20.00
(4)	27	48	50	39	45	65	70	60
(5)	90	1.00	1.00	.75	1.25	1.00	2.00	2.50
(6)	100.00	200.00	200.00	100.00	165.00	250.00	100.00	100.00
(7)	.05	.055	.05	.05	.05	.05	.06	.055
(8)	22	27	25	35	30	30	35	30
(9)	12.50	17.00	15.00	20.00	35.00	21.00	25.00	26.00
(10)	35.40	31.64	33.00	38.00	36.70	40.00	40.00	40.00
(11)	17.50	22.53	29.00	30.00	20.00	30.00	50.00	48.00
(12)	7.80	11.00	12.00	11.00	12.50	15.00	16.00	17.00
(13)	2.00	2.40	2.00	2.00	2.00	2.10	2.00	2.00
(14)	25.00	30.00	25.00	25.00	85.00	40.00	35.00	25.00

LOS ANGELES COUNTY—GRADING AND PAVING—(State)

LOS ANGELES CO., Calif.—Match Bros., Elsinore, at \$70,345 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.4 miles of grading and paving with Portland cement concrete at San Martinez Chiquito Canyon, Los Angeles county.

Work involves:

- (1) 76 sta. clear and grub;
- (2) 1,500 M. gals. water;
- (3) 1,700 c.y. remove concrete;
- (4) 86,500 c.y. rdwy. excav., unclass.
- (5) 3,900 c.y. struc. excav.;
- (6) 2,700 c.y. ditch and channel excavation;
- (7) 310,000 sta. yds. overhaul;
- (8) 15,000 sq. yds. preparing subgrade;
- (9) 76 sta. finish rdwy.;
- (10) 1,600 sq. yds. asph. paint binder;

- (11) 18 tons liq. asph. SC-2 (prime coat);
- (12) 750 tons min. agg. plant mix surfacing;
- (13) 40 tons liq. asph. ROMC-4 or -5, plant mix surf.;
- (14) 17,000 sq. yds. preparing, mixing and shaping shoulders;
- (15) 210 tons liq. asph. SC-1A or SC-2 road mix surf. treat.;
- (16) 3,000 c.y. Class A Portland cement concrete pavement;
- (17) 8 sections pave. crossing devices, type C;
- (18) 65,000 lbs. bar reinf. steel;
- (19) 5,550 each pave. dowels;
- (20) 550 c.y. Class A Portland cement conc. struc.;
- (21) 230 l.f. 8-in. CMP;
- (22) 680 l.f. 24-in. CMP;
- (23) 250 l.f. 36-in. CMP;
- (24) 210 l.f. remove, clean and sal-

- vage existing CMP;
- (25) 8 each spillway assemblies;
- (26) 26 each culvert markers.

Total bids follow:

- (A) Match Bros., Elsinore, \$70,345.
- (B) J. E. Haddock, Ltd., Pasadena, \$70,711.00.
- (C) Griffith Co., L. A., \$73,544.00.
- (D) C. G. Willis & Sons, Inc., Los Angeles, \$77,298.00.
- (E) C. O. Sparks & Mundo Engineering Co., Los Angeles, \$78,259.50.
- (F) R. E. Campbell, L. A., \$78,356.00.
- (G) S. Edmondson & Sons, Los Angeles, \$83,737.00.
- (H) United Concrete Pipe Corp., Los Angeles, \$85,920.50.
- (I) Heuser & Garnett, Glendale, \$88,314.00.
- (J) Johnston & Percallo, \$93,714.00.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	7.00	\$ 7.00	\$10.00	\$10.00	\$ 6.00	\$10.00	\$ 7.50	\$15.00	\$15.00	\$10.00
(2)	1.00	1.30	1.30	1.50	1.00	1.40	1.50	1.20	1.50	1.50
(3)	1.50	1.25	1.30	2.00	1.40	2.00	1.90	1.75	2.50	2.00
(4)	.055	.19	.18	.18	.19	.20	.20	.21	.21	.30
(5)	.50	.65	1.00	.75	.80	1.00	.75	.65	1.25	1.00
(6)	.40	.50	.40	.50	.40	.70	.75	.50	.40	.60
(7)	.004	.005	.005	.003	.006	.003	.005	.003	.006	.005
(8)	.11	.08	.10	.10	.10	.09	.09	.15	.12	.10
(9)	7.50	5.00	6.00	5.00	5.00	5.00	6.00	12.00	7.00	10.00
(10)	.03	.03	.03	.03	.05	.03	.04	.03	.03	.03
(11)	10.00	6.50	6.00	6.00	10.00	7.50	10.00	15.00	8.00	15.00
(12)	2.60	2.80	2.00	3.10	3.00	3.00	3.00	2.95	2.25	3.00
(13)	7.25	7.00	7.00	8.40	8.00	8.00	11.00	9.00	8.50	15.00
(14)	.05	.06	.06	.05	.06	.06	.07	.12	.07	.08
(15)	5.75	6.00	6.30	6.00	8.00	7.00	10.00	10.00	7.50	15.00
(16)	8.32	6.80	7.45	8.25	8.30	7.75	8.50	8.80	8.50	9.00
(17)	20.00	15.00	30.00	20.00	50.00	18.00	70.00	50.00	200.00	25.00
(18)	.048	.052	.05	.055	.05	.05	.06	.07	.055	.06
(19)	.10	.11	.12	.15	.15	.15	.15	.15	.18	.15
(20)	17.50	18.00	18.50	18.50	20.00	18.70	20.00	19.00	23.00	16.00
(21)	1.00	.90	1.00	1.10	1.10	1.00	1.25	1.75	.75	.95
(22)	2.25	2.45	3.00	2.60	2.70	2.50	3.00	2.80	2.50	2.75
(23)	4.00	4.50	5.00	5.30	5.30	5.40	6.00	6.00	5.00	5.35
(24)	.50	.40	.60	1.50	1.00	1.00	1.00	1.50	1.00	1.00
(25)	15.00	15.00	20.00	25.00	15.00	12.00	18.00	18.00	18.00	15.00
(26)	2.50	2.75	3.00	2.50	3.00	5.00	3.00	2.00	2.50	2.50

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until Nov. 23, 2:00 P. M., bids will be received by the Forest Service Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6219, for flashlights; f.o.b. Government Island.

GOVERNMENT ISLAND, Calif.—Until Nov. 28, 2:00 P. M., bids will be received by Forest Service, Frank Haynie, Representative Regional Bd. of Survey, Government Island, Calif., under Bid No. 6218, for the sale of blasting caps and blasting fuse. This material is stored at the plant of the Trojan Power Co., Robert, Calif.

RECLAMATION BUREAU

CENTRAL VALLEY PROJ.—Until Nov. 28, 2:00 P. M., bids will be received by the Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, Colo., under Bid No. 33,016-A, for deformed intermediate grade billet steel reinforcement bars for concrete; f.o.b. Redding, Calif.

RECLAMATION BUREAU

COLUMBIA BASIN PROJ.—Until November 30, 2 P. M., bids will be received by the Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, under Bid No. A-38,215-A, for 1,700,000 lbs. of 3/4-inch size bars; fob Odair, Washington.

WAR DEPARTMENT

FORT MASON, Cal.—Until Dec. 2, 10:30 A. M., bids will be received by Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, San Francisco, under Bid No. 928-39-161, for furnishing five hammers; fob above office.

FORT MASON, Cal.—Until Nov. 20 10 A. M., bids will be received by the Constructing Quartermaster, Maj. F. D. Jones, Fort Mason, under Bid No. QM-W-6616-39-41, for furnishing all finished hardware for the construction of a War Department Theatre at the Presidio of San Francisco; fob above office.

Plans and specifications may be obtained from the above upon deposit of \$10.00.

SACRAMENTO, Calif.—Until Nov. 29, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-121, for one print dryer, photostat, equipped with electric heating element; fob Sacramento.

SAN FRANCISCO.—Until Nov. 28, 3 P. M., bids will be received by the District Engineer, U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 668-39-155, for furnishing and operating one diesel powered tractor and hauling scrap-

er, for excavating approximately 5,000 cu. yd. of sand and moving it an average distance of approximately 1000 feet.

Plans and specifications may be obtained from the above office.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing supplies and materials, as follows:

SCH. 900-2193: Spare parts for airplanes (aluminum alloy, extruded shapes) for San Diego; Dec. 2;
SCH. 4904: 48,750 compressed cork space blocks for Hingham, Mass., Iona Island, N. Y., and Portsmouth, Va.; 42,000 do for Mare Island and Puget Sound; Dec. 6;
SCH. 4908: 4,050 hacksaw frames for Philadelphia, Norfolk and Sewall's Point; 1,770 do for Mare Island and Puget Sound; Dec. 6;
SCH. 4916: Tubing steel and copper, bonded lead-lined, for Mare Island and Puget Sound; Dec. 6;
SCH. 4938: one motor-in-head type double surface planer, motor driven, and spares for eastern or western yards; Dec. 9;
SCH. 5930: 2 generators, 5-kva., for San Diego; Dec. 9;

SCH. 4029: 1 gasoline engine driven generator set for San Diego; December 9;

SCH. 4925: 1 oil-fired melting furnace for Puget Sound; Dec. 9;
SCH. 4927: valves and cocks, composition for eastern yards and Puget Sound; Dec. 6;

SCH. 900-2198: 9,080 rollers, aileron control operating tube bearing, rubber-faced, for PBV-1, -2 -3 and -4 airplanes for San Diego; Dec. 2;

SCH. 4964: 20,000 ft. hanksaw blades for Washington; Dec. 6;

SCH. 4940: 240,000 lbs. pig lead for Philadelphia and Sewall's Point; 21,300 lbs. do for San Diego and Puget Sound; 2,850 lbs. sheet lead for Boston and Philadelphia; 41,160 lbs. do for western yards; approx. 115,000 lbs. sheet lead for 27,000 lbs. do for western yards; Philadelphia and Sewall's Point; Dec. 9;

SCH. 900-2191: Spare parts for airplanes for San Diego and Quantico; Dec. 2;

SCH. 4966: Approx. 110,000 lbs. plate steel for Washington; Dec. 6;

SCH. 4955: Motor driven vertical wood boring machine for Puget Sound; Dec. 9;

SCH. 4958: 1 pneumatic drop hammer for Puget Sound; Dec. 9;

SCH. 4983: 5,000 ft. plow steel wire rope, 1 1/2-in. dia. for Washington; Dec. 6.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$150; 706 North Point St.; owner, Lawrence Maniscalco, prem.

ALTER laundry, \$235; 2045 Divisadero St.; owner, Julien Lecampagne, 2047 Divisadero St.

ALTER fire shop, \$100; 2358 Market St.; owner, Mr. Phillips, prem.; contractor, A. C. Anderson, 4775 19th St.

ALTER dwelling, \$500; 3107 San Bruno Ave.; owner, Louis Vadman, prem.; contractor, P. G. Soss, 1650 Sanchez St.

ALTER restaurant, \$950; 50 Osgood Place; owner, John Sobratto, 50 Osgood Place; contractor, Robinson and Johnson, 180 Oak St.

SIGN, electric, \$250; SE Market & Dolores Sts.; owner, Associated Oil Co., 79 New Montgomery St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FLUE, \$70; 873 Page St.; owner, C. H. Kross, 1595 43rd Ave.; contractor, E. A. Balling, 819 Haight Street.

FLUE, \$15; 1323 23rd Ave.; owner, A. E. Schmidt, prem. contractor, Carver Niles Co., 1024 Clement St.

ALTER dwelling, \$500; 116 Sweeney St.; owner, Richard Healey, prem.; contractor, P. G. Soss, 1650 Sanchez St.

SIGN, electric, \$300; 250 Perry St.; owner, West Coast Adv. Co., prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$250; 835 Market St.; owner, The Emporium, prem.; contractor, Apex Elec. Co., 363 Fell St.

FLUE, \$15; 1716 Baker St.; owner, Rusc A. Connelly, prem.; contractor, Carver Niles Co., 1024 Clement St.

ALTER dwelling, \$500; 2970 Pine St.; owner, P. L. Richardson, prem.; contractor, Lincoln U. Grant, 658 3rd Ave.

ALTER shop, \$500; 629 Golden Gate Ave.; owner, Mr. Rothman, c/o cont.; contractor, John Casby & Son, 666 Mission St.

ALTER market, \$500; 2319-21 Chestnut St.; owner, Primo Salani, 54 Richardson St.; contractor, Bar-sotti and Faggioni, 1567 Revere St.; plans by G. H. Welmeyer, 605 Market St.

BILLBOARD, \$25; SE P. Lobos and 47th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

BILLBOARD, \$7; NW Calif and Arguello; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

FLUES, \$50; SW Arlington and Diamond; owner, H. B. Barber, 225 College Ave.; contractor, Ideal Vent & Sheet Metal Co., 1038 Howard St.

BILLBOARD, \$13; SW Lincoln Way & 23rd Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

FLUE, \$120; 450 Sacramento St.; owner, Stevenson's Rest., prem.; contractor, Mangrum-Holbrook & Elkus, 201 Golden Gate Avenue.

BILLBOARD, \$13; W Market 87 N Arguello Alley; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$13; N Market 70 W Danvers; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

ALTER restaurant, \$400; 94 Brighton Ave.; owner and contractor, J. P. Kirkpatrick, premises.

ALTER restaurant, \$850; 482 Ellis; owner, Mr. Dere, 1048 Jackson; contractor, Shank Gilt Co., 145 Waverly Place.

ALTER dwelling, \$290; 1136 Alshama St.; owner, Thos. Parnella, 3224 Folsom St.; contractor, W. H. Cole, 269 Clinton Park.

BILLBOARD, \$13; W Market 42 N Morgan Alley; owner & contractor, Foster & Kleiser Co., 1675 Eddy St.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

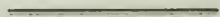
Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

165 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Building Contractors Meet
December 2

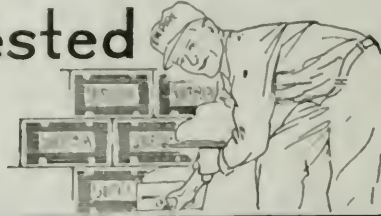


L. A. Firm Bids \$178,460 on Overpass



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, Editor

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., DECEMBER 3, 1938

No. 49

Arundel Corp., L. E. Dixon Low Bidders On Upper Narrows Dam; Pollock Second

SACRAMENTO, Nov. 29.—Arundel Corporation and L. E. Dixon, Los Angeles, at \$2,175,271.50, today submitted the low bid to the U. S. Engineer Office for construction of the Upper Narrows Debris Control Dam on the Yuba River.

George R. Pollock Company, at \$2,195,098.25, submitted the second lowest proposal, followed by Winston Brothers Construction Company, at \$2,325,266.50.

Complete total bids follow:

- Arundel Corp. and L. E. Dixon Company \$2,175,271
- Geo. R. Pollock Co. 2,195,098
- Winston Bros. Const. Co. 2,325,266
- California Constructors... 2,324,775
- Bent Brothers, Inc. and Griffith Company 2,339,782
- Hanrahan-Connolly Co. 2,550,048
- A. Teichert & Son, Inc., and D. W. Thurston 2,562,295
- MacDonald & Kahn Co. 2,871,537
- Bates and Rogers Construction Co. 2,953,491
- Guy F. Atkinson & Kier 3,088,863

The Upper Narrows Debris Control Dam for which bids were opened today will be of the concrete arch type with a crest length of 1153 feet. It will rise 265 feet above the main foundation bed-rock.

The spillway will be of the overflow type, discharging over the central portion of the dam.

The dam will be constructed on the Yuba River in Yuba and Nevada Counties, approximately 25 miles easterly of Marysville by road.

Approximately 231,500 cu. yds. of concrete excavation and placing of 334,410 cu. yds. of concrete will be required to finish the structure, according to engineers.

Principal items include: diversion and care of the river during construction and unwatering of foundations; 206,000 cu. yds. of excavation for foundations of the dam above elevation 295; 337,000 barrels unloading and storing cement; 331,800 cubic yards of Class B concrete in dam; and 75,000 cu. yds. of pipe and fittings for foundations, tunnel grouting, and radial contraction joint grouting.

RIEDY SLATED FOR CITY POST

Dodge A. Riedy, widely-known San Francisco architect, achieved the highest rating in the examination for the position of city architect held November 28, the Civil Service Commission announced yesterday.

The examination was held to establish a successor to Chas. H. Sawyer, present city architect, who retires today. Mr. Riedy is known throughout the West as the designer of all types of buildings, notably schools, club buildings, and similar large structures.

San Leandro Sewage Plant Readvertised

Rejecting all bids previously received, the San Leandro city council this week readvertised the contract for construction of a municipal sewage pumping and treatment works.

New bids are to be opened December 19, it was announced yesterday. The job involves construction of either cast-in-place or pre-cast concrete pile foundations and approximately 1200 cubic yards of reinforced concrete structures, pipe work and equipment for a primary sedimentation and separate sludge digestion sewage treatment plant, with provision for garbage grinding and digestion with sewage sludge.

Harry N. Jenks of Palo Alto, is consulting engineer for the project. Fred J. Early, Jr., San Francisco, was low bidder when proposals were first opened.

NOVEMBER S. F. BUILDING BEST IN TWO YEARS

\$3,837,000 Total Tops Preceding Months; 1938 Figure Over Last Year

Registering a building permit total which surpassed that of every month, this year and last, construction in San Francisco this month boosted the eleven-month permit total for 1938 over the figure for the same period in 1937, Chief Clerk S. J. Rosenblum of the Central Permit Bureau announced yesterday.

For the first time since January the 1938 permit total exceeded the 1937 aggregate for a similar period, with \$21,112,003 on the books for the first eleven months of 1938, as compared to \$19,314,609 for the same months in 1937.

Seven hundred and seventy-nine permits were issued in November for construction valued at \$3,837,882, more than three times the November, 1937, figure of \$1,152,485, and well over the October total of \$1,858,596.

Frame construction gained strongly during November with 275 permits issued for construction costing \$1,226,300, as compared to 110 permits issued in November, 1937, for work costing \$483,423.

Contributing to the heavy November total were six permits for work at George Washington High School, Laguna Honda Home, Portola Junior High School and San Francisco Hospital, costing \$1,291,903 in the aggregate.

Following are the classified building permit tables for November, this year and last:

Class.	No., 1938	Nov., 1937	Nov., 1937
	No. Est. Cost	No. Est. Cost	
A	5	1	\$ 89,690
B	4	7	31,500
C	275	110	483,423
Frames	493	495	321,936
Alter.	762	613	\$ 926,459
Sub-Tot'l	6	8	\$ 1,291,903
Public	1	1	10,491
1939 Exp.	1	1	215,535
U. S. Govt.	1	—	—
Total	779	615	\$ 1,152,485
1938 (11 Months)	1937 (11 Months)		
7,412	\$21,112,003	7,276	\$19,314,609

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3570	De Piero	Owner	3000
3571	Doelger	Owner	5000
3572	Evers	Owner	3500
3573	Grant	Monson	1900
3574	Ham	Owner	4000
3575-7	Heyman	Owner	3850
3578	Italian Amer	Owner	2000
3579	Johnsen	Owner	7000
3580	Lindsay	Owner	3500
3581	Morris	Elec Prod	2800
3582	Pac Prod	Aetna	1000
3583	Petzel	Siggs	1000
3584	Poldermans	Plov	8000
3585	Roberts	Owner	4000
3586	Shoong	Owner	1800
3587-9	Sbarboro	Owner	8000
3590-2	Standard	Owner	3000
3593	Anderson	Owner	3900
3594	Barber	Owner	3800
3595	Bradley	Jacks	28000
3596	Carroll	Mullen	2500
3597	De Bono	Little	4900
3598	Hallgren	Owner	3500
3599	Hansen	Owner	3600
3600	Janipel	Ericsson	4000
3601	Lindquist	Owner	3500
3602	Luck	Rahlmann	28000
3603	McCarthy	Owner	3500
3604	Morris	Owner	4000
3605	Quismalzal	Rosemont	2000
3606	Safeway	Owner	20000
3607	Scheppler	Berwick	4000
3608	Schlrmr	Todhunter	2000
3609	Stellings	Williams	4175
3610	Wehster	Owner	1000
3611	Beck	Owner	3500
3612	Beck	Owner	3500
3613	Doelger	Owner	4000
3614	Giocondi	Owner	2000
3615	Johnson	Foster	7228
3616	Melsheimer	Van Aalst	1000
3617	Meyer	Owner	4000
3618	Plov	Owner	3800
3619	Signal	Owner	2000
3620	Tilden	Owner	12000
3621	Union Oil	Aetna	4000
3622	Wait	Steiner	3800
3623	Wicks	Plov	3800
3624	Amer. Tr.	Little	12000
3625	Elliot	Issl	10000
3626-7	Ham	Owner	4000
3628	McDonald	Owner	3000
3629	Mendo	Janssen	12000
3630	S.F. City	W.P.A.	28000
3631	Heller	Coburn	1000
3632	Kloehm	United Rfg.	1490
3633-5	Meyer	Owner	4000
3636	Schleeman	Salomon	2200
3637	Meyer	Owner	4000

DWELLING

(3570) W. WATERVILLE 25 N. Augusta. One-story and basement frame dwelling.
Owner—Herman De Piero, 92 Conkling St.
Architect—Not given. \$3000

DWELLING

(3571) N. ORTEGA 91 E. 16th Ave. One-story and basement frame dwelling.
Owner—Henry Doelger Bulder, Inc., 320 Judah St.
Architect—Not given. \$5000

DWELLING

(3572) S. SANTIAGO 70 W. 37th Ave. One-story and basement frame dwelling.
Owner—Kenneth Evers, 55 San Rafael Way.
Architect—Not given. \$3500

ALTERATIONS

(3573) 2423 32nd AVE. Alter dwelling.

Owner—Harry W. Grant, c/o cont. Contractor—Monson Bros., 475 6th Street.
Architect—Not given. \$1900

DWELLING

(3574) W. STANYAN 124 N. McAllister St. One-story and basement frame dwelling.
Owner—Lloyd B. Ham, 105 Montgomery St.
Architect—Ed Musson Sharpe, 111 Sutter St. \$4000

DWELLING

(3575) N. SWEENEY 320 W. Bowdoin. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not given. \$3850

DWELLING

(3676) N. SWEENEY 250 W. Bowdoin. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not given. \$3950

DWELLING

(3577) N. SWEENEY 285 W. Bowdoin. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market Street.
Architect—Not given. \$3950

CLASS C CLUB

(3578) N. RUSSIA 50 W. London. Two-story Class C club.
Owner—Italian American Social Club of San Francisco, 520 London.
Engineer—David Bean, 2048 Market Street.
Architect—Richard R. Irvine, 2048 Market St. \$20,000

FLATS

(3579) W. STANYAN 359 S. Geary Blvd. Two-story and basement frame flats.
Owner—Peder P. Johnson, 70 Stanyan St.
Architect—Not given. \$7000

DWELLING

(3580) W. 27th AVE. 150 S. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

SIGN

(3581) 475 4th ST. Roof sign.
Owner—Philip Morris and Co., Inc., premises.
Contractor—Elec. Prod. Corp., 910 Harrison St.
Architect—Not given. \$2800

RETAINING WALL

(3582) 561 ELLIS STREET. Retaining walls.
Owner—Pacific Pavements Co., 85 Barstow St.
Contractor—Aetna Const. Co., 1730 24th Ave.
Architect—Not given. \$1000

ALTERATIONS

(3583) 2370 19th AVE. Alter dwelling.
Owner—Theodore Petzel, prem.
Contractor—Arthur R. Siggs, 2314 19th Ave.
Architect—Not given. \$1000

APARTMENTS

(3584) W. EUPEKA 176 S. 18th St. Two-story frame apts.

Owner—M. C. Poldermans, 128 Eureka.
Contractor—Gilbert Plov, 395 Monterey Blvd.
Architect—Not given. \$8000

DWELLING

(3585) E. SHRADE 75 N. Carmel. One-story yard basement frame dwelling.
Owner—Margaret and Leslie Roberts, 448 3rd Ave.
Architect—Not given. \$4000

ALTERATIONS

(3586) 757 JACKSON STREET. Alter stores and apts.
Owner—Shoong Investment Co., c/o architect.
Architect—Bernard J. Joseph, 74 New Montgomery St. \$1800

DWELLING

(3587) W. SCOTT ST. 162 N. Broadway. Two-story and basement frame dwelling.
Owner—Sbarboro and Jorgensen, 207 Walnut St.
Architect—John Ahnden, 822 39th Ave. \$8000

(3588) W. SCOTT 133 N. Broadway. Two-story and basement frame dwelling.
Owner—Sbarboro and Jorgensen, 207 Walnut St.
Architect—John Ahnden, 822 39th Ave. \$8000

DWELLING

(3589) W. SCOTT 102 N. Broadway. Two-story and basement frame dwelling.
Owner—Sbarboro and Jorgensen, 207 Walnut St.
Architect—John Ahnden, 822 39th Ave. \$8000

DWELLINGS

(3590) E. 36th AVE. 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, 350 S. Lawton St. Eleven (11) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500 ea.

DWELLING

(3591) E. 36th AVE 375 S. Lawton St. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500

DWELLINGS

(3592) E. 35th AVE. 25, 50, 75, S. Rivera. Three (3) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3000 ea.

DWELLING

(3593) E. 14th AVE. 300 S. Ulloa. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 7th Ave.
Architect—Not given. \$3900

DWELLING

(3594) W. PARIS 175 S. Persia. One-story and basement frame dwelling.
Owner—H. Barber, 225 College Ave.
Architect—Not given. \$3800

DWELLING

(3595) SE SCOTT AND GREEN STs. Three-story and basement frame dwelling.

Owner—James Parks Bradley, c/o cont.
Contractor—Jacks and Irvine, 620 Market St.
Architect—Gardner A. Dalley, 210 Post St. \$28,000

ALTERATIONS
(3596) 176 SUTTER ST. Alter store.
Owner—Paul T. Carroll, 176 Sutter Street.
Contractor—Mullen Mfg. Co., 60 Rausch St.
Architect—Not given. \$2500

DWELLING
(6597) N. INNES AVE. 275 W. Mendell. One-story and basement frame dwelling.
Owner—Geo. De Bono, c/o cont.
Contractor—M. A. Little Co., 107 24th Ave.
Architect—Not given. \$4000

DWELLING
(3598) E. 18th AVE. 148 S. Quintara. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave.
Architect—Not given. \$3500

DWELLING
(3599) NW DELANO and Shawnee. One-story and basement frame dwelling.
Owner—Hansen and Hansen, 240 San Jose Ave.
Architect—L. J. Klein, Mill Valley. \$3500

DWELLING
(3600) W. APTOS 240 S Upland Dr. One-story and basement frame dwelling.
Owner—J. Janibel, 118 Taylor St.
Contractor—Henry Erickson, 972 Chenery St.
Architect—Not given. \$4000

DWELLING
(3601) N. GARFIELD 50 E. Monticello. One-story and basement frame dwelling.
Owner—Chas. W. Lindquist, 290 Drake St.
Architect—Not given. \$3500

BUILDING
(3602) SW KANSAN and 16th Sts. building.
Owner—Raymond A. Luce, 1676 Market St.
Contractor—H. E. Rahlmann, 251 Kearny St.
Engineer—James M. Smith, 251 Kearny St.
Architect—Not given. \$28,000

DWELLING
(3603) W. 70th AVE 150 N. Moraga. One-story and basement frame dwelling.
Owner—Chas. M. McCarthy.
Architect—Not given. \$3500

DWELLING
(3604) N. ESCOVIITA WAY 214 W 31st Ave. One-story and basement frame dwelling.
Owner—G. W. Morris, 95 Pinehurst Way.
Architect—Donnell E. Jaekle, 126 Post St. \$4000

RESTAURANT
(3605) S. 13th ST. 112 W. Howard St. One-story frame restaurant.
Owner—Otto Quellsmal, 138 Erie St.
Contractor—Ed. Rosemont, 176 DuBoce Ave.
Architect—Not given. \$2000

CLASS C STORE
(3606) NW BUSH AND LARKIN. One-story class C store.

Owner—Safeway Stores, Inc., 4th & Jackson Sts., Oakland.
Engineer—Kaj Theill, 580 Market St.
Architect—Not given. \$20,000

DWELLING
(3607) E. FAXON 225 N. Holloway. One-story and basement frame dwelling.
Owner—P. Scheppler, c/o cont.
Contractor—A. Berwick, 1525 Noe Street.
Architect—Not given. \$4000

ALTERATIONS
(3608) 520 39th AVE. Alter dwelling.
Owner—J. J. Schirmer, prem.
Contractor—Geo. W. Todhunter, 1088 Ashbury St.
Architect—Not given. \$2000

ALTERATIONS
(3609) W WEST PORTAL 225 N 14th St. Alter commercial bldg.
Owner—Martin Stellings, Jr., c/o architect.
Contractor—C. W. Williams Co., 10 Calif. Drive, Burlingame.
Architect—Earle Bertz, 691 Market Street. \$4175

DWELLING
(3610) N. KIRKWOOD 125 E. Donohue. One-story frame dwelling.
Owner—Marvin Webster, 1310 Turk Street.
Architect—Not given. \$1000

DWELLING
(3611) E. 44th AVE. 80 S. Balboa. One-story and basement frame dwelling.
Owner—John Beck, 1600 12th Ave.
Architect—Not given. \$3500

DWELLING
(3612) E. 44th AVE. 105 S. Balboa. One-story and basement frame dwelling.
Owner—John Beck, 1600 12th Ave.
Architect—Not given. \$3500

DWELLING
(3613) E. 41st AVE. 100 N. Lawton St. One-story and basement dwelling.
Owner—Henry Doelger Bulder, 320 Judah St.
Architect—Not given. \$4000

COAL YARD
(3614) N. OCEAN AVE 170 E. San Jose. One-story frame coal yard.
Owner—Fred Giocondi, 34 Ocean Avenue.
Architect—Not given. \$2000

DWELLING
(3615) N. MONTALVO 269 W. Dorantes. One-story and basement frame dwelling.
Owner—K. M. Johnson, 2120 California St.
Contractor—Stuart Foster, 28 Harry Street.
Architect—Not given. \$7228

ALTERATIONS
(3616) 233 POST ST. Alter office and loft.
Owner—Melschelm and Meyerhoff, premises.
Contractor—G. Geo. Van Aalst, 401 West Portal Ave.
Architect—Not given. \$1000

DWELLINGS
(3617) NE TERESITA BLVD. 9. 117. 143. 168. 193 SE Reposa Wav. Five (5) 1-story and basement frame dwellings.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000 ea.

DWELLING
(3618) N. SILVER AVE. 200 W. Congdon. One-story and basement

frame dwelling.
Owner—Gilbert L. Plov, 395 Monterey Blvd.
Architect—Not given. \$3800

SERVICE STATION
(3619) SE EDDY AND POLK STS. Service station.
Owner—Signal Oil Co., premises.
Architect—Not given. \$2000

ALTERATIONS
(3620) 139 TOWNSEND ST. Alter warehouse.
Owner—Chas. L. Tilden, 210 California St.
Architect—H. C. Ferree, Oakland. \$12,000

SERVICE STATION
(3621) NW 12th AVE and Clement St. One-story steel service station.
Owner—Union Oil Co. of Calif., Los Angeles.
Contractor—Aetna Const. Co., 1730 24th Ave.
Engineer—W. E. Murray, 908 Hayes Street.
Architect—Not given. \$4000

DWELLING
(3622) NE GATES AND OGDEN STs. One-story and basement frame dwelling.
Owner—Mr. Wait, c/o cont.
Contractor—John L. Steiner, 861 Moultrie St.
Architect—Not given. \$3800

DWELLING
(3623) N. SILVER AVE. 225 W. Congdon. One-story and basement frame dwelling.
Owner—Harold Wicks, 41 Powers.
Contractor—Gilbert L. Plov, 395 Monterey Blvd.
Architect—Not given. \$3800

BANK BLDG.
(3624) SW WEST PORTAL AVE. 145 SW Vicente. One-story frame bank bldg.
Owner—American Trust Co., 464 California St.
Contractor—M. A. Little Co., 107 24th Ave.
Architect—W. W. Harper, 1050 Franklin St. \$12,000

STORE
(3625) N. GOLDEN GATE AVENUE 151 W. Van Ness Ave. One-story class C warehouse and store.
Owner—Albert H. Elliott, c/o contr.
Contractor—J. A. Tassi, 268 Market Street.
Engineer—W. Adrian, 417 Market St.
Architect—Conrad T. Kett, 519 California St. \$10,000

DWELLING
(3626) S. GOLDEN GATE AVENUE 85 W. Stanyan. One-story and basement frame dwelling.
Owner—Lloyd B. Ham, 105 Montgomery St.
Architect—Ed. Musson Sharpe, 111 Sutter St. \$4000

DWELLING
(3627) N. PARAMOUNT Terr. 111 W. Stanyan St. One-story and basement frame dwelling.
Owner—Lloyd B. Ham, 105 Montgomery St.
Architect—Ed. Musson Sharpe, 111 Sutter St. \$4000

WAREHOUSE
(3628) SE CARROLL AND Newhall. Steel warehouse and storage.
Owner—MacDonald and Kahn Co., Ltd., 200 Financial Center Bldg.
Architect—Not given. \$3000

FLATS		2762 Farm Cr.	Parker 541000	DWELLING	
(3629) NE LINCOLN WAY and Funston Ave. Two-story and basement frame flats.		2763 Kasakiani	Niska 4700	(2748) 1504 SONOMA, ALBANY. One-story, 5-room frame dwelling.	
Owner—Mendo Corp., 1138 Clement Street.		2764 Rldout	Owner 1100	Owner—John Robins.	
Contractor—E. A. Janssen, 1138 Clement St.		2765 Runyan	Sorensen 3400	Contractor—E. H. Buel, 1295 Hearst Ave.	
Architect—C. O. Clausen, 746 46th Ave.	\$12,000	2766 Donovan	West Con. 5500	Architect—Not given.	\$4099
GARAGE		2767 Haller	Beckett 1000	DWELLING	
(3630) E 19th AVE. 250 N Taraval. One-story class B office and garage.		2768 Hazeltine	Ballard 1200	(2749) 2233 109th AVE., JAKLAND. One-story, 5-room dwelling.	
Owner—City and County of S. F., prem.		2769 Isobelle	Waldman 4000	Owner—Tony Cambra, Oakland.	
Contractor—WPA.		2770 Johnson	Minney 5000	Contractor—Orlan D. Carper, 3118 Champion St.	
Architect—Not given.	\$28,000	2771 Milton	Owner 4500	Architect—Not given.	\$3500
ALTERATIONS		2772 Muller	Waldman 4000	DWELLING	
(3631) 3369 JACKSON ST. Alterations to apts.		2773 Muller	Waldman 4000	(2750) 2708 INYO AVE., OAKLAND. One-story, 5-room dwelling.	
Owner—Martin Heller, c/o cont.		2774 Scheeline	Beckett 20000	Owner and Builder—Chas. W. Falk, 1520 East 38th St.	
Contractor—Ira W. Coburn, 2048 Market St.		2775 Sealy	Hamil 5000	Architect—Not given.	\$3800
Architect—Not given.	\$1000	2776 Smith	Walton 1000	DWELLING	
ALTERATIONS		2777 Gilmore	Owner 4000	(2751) 6507 VALLEY VIEW DRIVE, OAKLAND. One-story, 4-room dwelling.	
(3632) 267 HOLYOKE ST. Alterations to dwelling.		2778 Lewis	Sprinkling 7000	Owner—M. C. Romley, Oakland.	
Owner—Charles Kloehm, prem.		2779 Paramount	Rose 1750	Contractor—A. Hendrickson, 6458 Raymond St.	
Contractor—United Roofing and Siding Co., 2906 Mission St.		2780 Bisma	Hanson 4500	Architect—Not given.	\$3000
Architect—Not given.	\$1490	2781 Buckland	Owner 3500	DWELLING	
DWELLING		2782 Coleman	Cain 3500	(2752) 646 CRESTON, BERKELEY. Two-story, 5-room frame dwelling and garage.	
(3633) S. ENCLINE CT. 100 E. Del Vale Ave. One-story and basement frame dwelling.		2783 Frederickson	Owner 5000	Owner and Builder—E. M. Netherby, 3853 Lyman Road, Oakland.	
Owner—Meyer Bros., 735 Portola Dr.		2784 Wright	Stenbre 4000	Architect—Not given.	\$5000
Architect—Not given.	\$4000	DWELLING		RE-ROOF	
DWELLING		(2739) 4040 WATERHOUSE ROAD, Oakland. One-story 6-rm. dwelling.		(2753) 1510 ASHBY, BERKELEY. Re-roof.	
(3634) S. ENCLINE CT. 21 E. Del Vale Ave. One-story and basement frame dwelling.		Owner—J. L. Heafey, 93 Echo Ave.		Owner—Wm. Tryson, 1510 Ashby.	
Owner—Meyer Bros., 735 Portola Dr.		Contractor—C. A. Gossett, 327 Woodland Park, San Leandro.		Contractor—Calif. Home Imp. Co., 329 26th St., Oakland.	
Architect—Not given.	\$4000	Architect—Not given.	\$7000	Architect—Not given.	\$1000
DWELLING		ADDITION		REPAIRS	
(3635) S. ENCLINE CT. 48 E. Del Vale Ave. One-story and basement Frame Dwelling.		(2740) 2126 ST. JAILATH, Oakland. Addition.		(2754) 1104 MAGNOLIA ST., OAKLAND. Fire repairs.	
Owner—Meyer Bros., 735 Portola Dr.		Owner—M. Eustachy, 3259 Fruitvale Avenue.		Owner—Henrietta Camp, 1328 East 39th St.	
Architect—Not given.	\$4000	Contractor—Gaubert Bros, 4735 Brookdale.		Contractor—W. A. Rose, 478 25th St.	
DWELLING		Architect—Not given.	\$1900	Architect—Not given.	\$1200
(3636) 1330-32 CLEMENT STREET. Alter flats.		DWELLING		DWELLING	
Owner—Mrs. Schleeman, c/o cont.		(2741) 2111½ Byron, Berkeley. Two-story frame dwelling.		(2755) 1909 103rd AVE., OAKLAND. One-story, 5-room dwelling.	
Contractor—L. Salomon, 1734 Broderick St.		Owner—A. Peterson, 2111½ Byron.		Owner and Builder—Dream Home Builders, 416 Kearny St., S. F.	
Architect—Not given.	\$2200	Contractor—P. Peterson, 2111, Byron.		Architect—Not given.	\$2650
DWELLING		Architect—Not given.	\$3300	DWELLING	
(3637) S. ENCLINE CT. 74 E. Del Vale Ave. One-story and basement frame dwelling.		RE-ROOF		(2756) 1915 103rd AVE., OAKLAND. One-story, 5-room dwelling.	
Owner—Meyer Bros., 735 Portola Dr.		(2742) 1801 WOOLSEY, BERKELEY. Re-roof.		Owner and Builder—Dream Home Builders, 416 Kearny St., S. F.	
Architect—Not given.	\$4000	Owner—Johnson, 1801 Woolsey.		Architect—Not given.	\$2750
ALAMEDA COUNTY		Contractor—Lloyd Con. Co., 2652 Harrison, S. F.		DWELLING	
No. Owner Contractor Amt.		Architect—Not given.	\$1200	(2757) 10501 BYRON AVE., OAKLAND. One-story, 5-room dwelling.	
2739 Heafey Gossett 7000		DWELLING		Owner—W. R. Gieham, 1347 Park Ave., Alameda.	
2740 Eustachy Gaubert 1900		(2743) 1226 BRIGHTON, ALBANY. One-story 4-room frame dwelling.		Contractor—C. R. Tisher, 6127 Foot-hill Blvd.	
2741 Peterson Peterson 3300		Owner and Builder—C. M. MacGregor, 1391 Solano.		Architect—Not given.	\$3000
2742 Johnson Lloyd 1200		Architect—Not given.	\$2400	DWELLING	
2743 MacGregor Owner 2400		DWELLING		(2758) 4731 FAIR AVE., OAKLAND. One-story, 5-romo dwelling.	
2744 Summerson Owner 3500		(2744) 935 MADISON, ALBANY. One-story 5 room frame dwelling.		Owner—Jacob Meek, 1455 154th Ave., San Leandro.	
2745 Ahlas Johnson 5000		Owner and Builder—John Summerson, 1323 Berkeley Way.		Architect—Not given.	\$3900
2746-7 MacGregor Owner 2400		Architect—Not given.	\$3500	DWELLING	
2748 Robins Buel 4000		DWELLING		(2759) 722 38th ST., OAKLAND. Re-palls.	
2749 Cambra Carper 3500		(2745) 1245 BANCROFT WAY, BERKELEY. One-story 5-room frame dwelling and garage.		Owner—Fred R. Ogier, 722 38th St.	
2750 Falk Owner 3800		Owner—Harry Ahlas, 2131 Curtis.		Contractor—Calif. Home Imp. Co., 329 26th St.	
2751 Romley Hendrickson 3000		Contractor—R. F. Johnson & Son, 560 36th St., Oakland.		Architect—Not given.	\$2400
2752 Netherby Owner 5000		Architect—Not given.	\$5000	DWELLING	
2753 Tryson Calif. Home 1000		DWELLING		(2759) 722 38th ST., OAKLAND. Re-palls.	
2754 Camp Rose 1200		(2746) 511 CORNELL, ALBANY. One-story 4-room frame dwelling.		Owner—Fred R. Ogier, 722 38th St.	
2755 Dream Home Owner 2650		Owner and Builder—C. M. MacGregor, 1291 Solano.		Contractor—Calif. Home Imp. Co., 329 26th St.	
2756 Dream Home Owner 2750		Architect—Not given.	\$2400	Architect—Not given.	1200
2757 Gilham Tisher 3000		DWELLING			
2758 Meek Owner 3900		(2747) 515 CORNELL, ALBANY. One-story, 5-room frame dwelling.			
2759 Ogier Calif. Home 1200		Owner and Builder—C. M. MacGregor, 1291 Solano.			
2760 Pressler Owner 5000		Architect—Not given.	\$2400		
2761 White Johansen 3500					

DWELLING
(2760) 3115 HYDE ST., OAKLAND.
One-story, 6-room dwelling.
Owner and Builder—Walter Pressler, 1419 Excelsior Ave.
Architect—Not given. \$5000

RESIDENCES (2)
(2761) 2655 - 2662 75th AVE., OAKLAND. One-story, 5-room residences (2).
Owner—John F. White, 3216 East 12th St.
Contractor—K. A. Johanson, 2057 High St.
Two garages, \$200 each.
Architect—Not given. \$3500 ea.

BUILDING
(2762) 2170 MILVIA ST., BERKELEY. Six-story, 34-room administration Bldg.
Owner—Farm Credit Adm, 2170 Milvia Street.
Contractor—K. E. Parker Co., 135 So. Park, S. F.
Architect—J. W. Plachek. \$541,000

DWELLING
(2763) 2116 CALIFORNIA, BERKELEY. One-story, 7-room frame dwelling and garage.
Owner—J. Kasakiani, 2220 California Street.
Contractor—A. Niska, 1142 Allston Way.
Architect—Not given \$4700

ROOFING
(2764) 37 LINCOLN AVE., Piedmont. Roofing.
Owner and Builder—W. F. & W. C. Ridout, 642 Pacific Ave
Architect—Not given. \$1100

DWELLING
(2765) 789 NEILSON, BERKELEY. One-story, 4-room frame dwelling and garage.
Owner—A. W. Runyan, 1553 San Lorenzo.
Contractor—E. M. Sorensen, 1907 Parker.
Architect—Not given. \$3400

DWELLING
(2766) 5940 COLTON BLVD., OAKLAND. Two story, 6-room dwelling.
Owner—W. R. Donovan, 2812 8th Ave.
Contractor—Western Const. Co., 1305 Franklin St.
Architect—Not given. \$5500

DWELLING
(2767) 6700 IJGETT DRIVE., OAKLAND. Two-story, 6-room dwelling.
Owner and Builder—John Haller, 2125 Telegraph Ave.
Architect—Not given. \$5000

REPAIRS.
(2768) 1032 12th ST., OAKLAND. Fire repairs.
Owner—L. A. Hazeltine. 845 Paloma Ave.
Contractor—A. T. Beckett. 224 Scenic Ave., Piedmont.
Architect—Not given. \$1000

ALTERATIONS
(2769) 6250 BROMLEY DR., OAKLAND. Alter and Addition.
Owner—Mrs. E. Isobelle.
Contractor—C. H. Ballard. 5659 Adeline St.
Architect—Not given. \$1200

DWELLING
(2770) 8356 OUTLOOK AVE., OAKLAND. One-story, 6-room dwelling.
Owners—Adolph & Marie Johnson, 2029 80th Ave.

Contractor—Ernest T. Minney, 8144 Foothill Blvd.
Architect—Not given. \$5000

DWELLING
(2771) 3400 SEMINARY AVE., OAKLAND. One-story, 8-room, two family dwelling.
Owner and Builder—C. E. Milton, 3408 65th Ave.
Architect—Not given. \$4500

DWELLING
(2772) 484 CAPITOL ST., OAKLAND. One-story, 4-room dwelling.
Owner—H. Muller, Oakland.
Contractor—A. E. Waldmann, 5409 Foothill Blvd.
Architect—Not given. \$4000

DWELLING
(2773) 579 WESLEY AVE., Oakland. One-story, 5-room dwelling.
Owner—H. Muller, Oakland.
Contractor—A. E. Waldman, 5409 Foothill Blvd.
Architect—Not given. \$4000

ALTERATIONS
(2774) 420 14th ST., OAKLAND. Alter.
Owner—Louis Scheellne, 406 14th St.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—Not given. \$20,000

DWELLING
(2775) 83 PALO SECO COURT, Oakland. One-story, 5-room dwelling.
Owner—G. F. & M. G. Sealy.
Contractor—Hamill & Maler, 610 Hyde St., S. F.
Architect—Not given. \$5000

ADDITION
(2776) 5244 LOCKSLEY AVE., Oakland. Addition.
Owner—Frank B. Smith, 5244 Locksley Ave.
Contractor—Frank L. Walton, 2210 Grant St., Berkeley.
Architect—Not given. \$1000

SERVICE STATION
(2777) 2000 KITTREDGE, BERKELEY. Service station.
Owner and Builder—Gilmore Oil Co., 2nd and Gilman Sts.
Architect—Not Given. \$4,000

ALTERATIONS
(2778) 1120 SECOND ST. Alterations.
Owner—Lewis & McDermott, Second and Harrison.
Contractor—C. R. Sprinkling.
Architect—J. E. Rolland, 2500 East 23rd Street. \$7,000

REPAIRS
(2779) 2400 DURANT AVE., BERKELEY. Repair fire damage.
Owner—Paramount Hotel Corp., San Francisco.
Contractor—W. A. Rose, 478 25th St., Oakland.
Architect—Not Given. \$1,750

DWELLING
(2780) 13080 BROADWAY Terrace, Oakland. One-story five-room dwelling.
Owner—J. Fosma.
Contractor—A. F. Hanson, 834 Willow Ave., Hayward.
Architect—David Olson. 4051 Kihule Avenue. \$4,500
Also 1-story garage, \$200.

DWELLING
(2781) 2374 107th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—Nelson J. Buckland, 1735 68th Ave.
Architect—Not Given. \$3,500
Also 1-story garage, \$200.

DWELLING
(2782) 5125 CAMDEN ST., OAKLAND. One-story 5-rm. dwelling.
Owner — Milton H. Coleman, 6134 Trenor Street.
Contractor — Oscar Cain, 3233 64th Avenue.
Architect—Not Given. \$3,500

DWELLING
(2783) 2020 CLEMENS RD., OAKLAND. One-story 6-rm. dwelling
Owner and Builder—Karl S. Fredrickson, 1871 Tiffin Road.
Architect—Not Given. \$5,000

DWELLING
(2784) 108th AVE., OAKLAND. One-story 5-rm. dwelling.
Owner — Mrs. Sop'ia Wright, 5496 Brookdale Ave.
Contractor—A. Stenbro, 2432 107th Avenue.
Architect—Not Given. \$4,000
Also 1-story garage, \$150

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
417	Union Oil	Aetna	2765
418	Hansen	Yrigoyen	6200
419	Brazil	Stockholm	49965
420	American Tr	Little	30205
421	Rossich	Lindgren	6792
422	S.F. Golf	Mattock	10120

SERVICE STATION
(417) CLEMENT ST. and 12th Ave. Construct service station.
Owner—Union Oil Co. of California, 220 Montgomery Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 1730 24th Avenue.
Filed, Nov. 25, '38. Dated, Nov. 23, '38
Upon completion75%
Usual 35 days25%
TOTAL COST, \$2,765
Bond, \$2,765. Sureties, U. S. Guarantee Co. plans and spec. filed.

DWELLING
(419) NW QUESADA and Lane St. Two-story frame dwelling.
Owner—George H. and Marie J. Hansen.
Architect—Geo. E. Ralph, 110 Sutter.
Contractor—Joe Yrigoyen, 35 Thornton Avenue.
Filed, Nov. 28, '38. Dated, Oct. 21, '38.
Frame up\$1550
Brown coated 1550
Completed 1550
Usual 25 days 1550
TOTAL COST, \$6,200
Limit, 90 days. Plans and specifications filed

EXPOSITION BUILDING
(419) SOUTH SIDE of Avenue 7 between G and H Sts., Yerba Buena Shoals. Exposition building.
Owner—The Commissioner for the United States of Brazil.
Architect—Gardner A. Dailey, 210 Post Street
Contractor—Chas. Stockholm & Sons, 235 Montgomery Street.
Filed, Nov. 28, '38. Dated, Nov. 25, '38
Monthly payments of75%
Usual 35 days 25%
TOTAL COST, \$49,903
Forfeit, \$10 per dav. Limit, 65 days. Plans and Spec. filed.

BANK BLDG.
(420) SE WEST PORTAL AVE. 145 SW Vicente St. One-story frame bank building.
Owner—American Trust Co. 464 California Street.
Architect—W. W. Harper, 1050 Franklin Street.
Contractor—M. A. Little Co., 107 24th Avenue.
Filed, Nov. 28, '38. Dated Nov. 22, '38.

Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, \$30,205.63
Bond, \$22,654.22. Sureties, Fidelity & Casualty Co. of N. Y. Plans and specifications filed.

FLAT BLDG.

(421) W GRAND VIEW AVE., Lot 8 Blk 2754. Two-story frame flat building.
Owner—T. N. and Frae Rossich, 1155 Broderick St.
Architect—Donnell E. Jaekle, 126 Post Street.
Contractor—Albin C. Lindgren, 446 Lowell St.
Filed, Nov. 28, '38. Dated, Nov. 16, '38
Foundation laid.....\$720.00
Roof on.....1500.00
Brown coated.....1500.00
Completed.....1500.00
Usual 35 days.....1500.00
TOTAL COST, \$6792.00
Limit, 90 days. Plans and specifications filed.

ALTERATIONS

(422) SAN FRANCISCO. Alter Golf Club.
Owner—S. F. Golf Club, Ltd., Ingle-side.
Architect—Lewis P. Hobart, 525 Market St.
Contractor—A. F. Mattock Co., 212 Clara St.
Filed Nov. 30, '38. Dated Nov. 21, '38.
Each month.....75%
Usual 35 days.....25%
TOTAL, \$10,120
Limit 65 days. Plans and specifications filed.

BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
256	Johnson	Hayes	7500
257	W. Coast Kal.	Tulloch	55624
258	P. G. & E.	Tittle	
259	P. G. & E.	Michel	
260	P. G. & .	Tittle	1834
261	Athens	Atkins	5891

RESIDENCE

(256) LOT 73, Ardmore Tract, San Leandro, Residence.
Owners—Elmer M. & Rose M. Johnson, 454 Kenilworth, Oakland.
Contractor—E. M. Hayes, 5768 Foot-hill Blvd., Oakland.
Filed Nov. 25, '38. Dated Aug. 17, '38.
Frame up.....25%
Brown plastered.....25%
Completion.....25%
Usual 35 days.....25%
TOTAL, \$7500
Limit 90 days.

FACTORY

(257) FIFTH AND GRAYSON STS., Berkeley. Storage and factory building.
Owner—West Coast Kalsomine Co., 5th and Grayson.
Architect—Henry S. Howard, Eng., Bank of Commerce Bldg., Oakland.
Contractor—John Tulloch, 335 8th St., Oakland.
Filed Nov. 23, '38. Dated Nov. 21, '38.
Tenth day each month, lab. and mat.....75%
Usual 35 days.....25%
TOTAL, \$35,624.00
Bond, \$35,624.00. Sureties, Fidelity & Casualty Co. of N. Y. Limit 50 days. Plans and specifications filed.

INSTALLATION

(258) NEAR S. F.-OAKLAND BAY Bridge Approach. Installation & connection of electric equipment for Mole Station.
Owner—P. G. & E. 17th and Clay.
Contractor—H. S. Tittle Inc., 85 Columbia Square, S. F.

Filed Nov. 28, '38. Dated Nov. 18, '38.
Progress payments—
lab. and mat., 10th day
each month.....85%
Usual 35 days.....15%
TOTAL, not listed.
Bond, \$12,358.00. Sureties, Hartford Cas. & Indemnity. Forfeit \$256.00 per day. Limit 12/28/38. Specifications filed.

FABRICATION

(259) NEAR S. F.-OAKLAND BAY Bridge Approach. Fabrication & Installation steel enclosure for Mole Substation.
Owner—P. G. & E. 17th and Clay.
Contractor—Michell-Pfeffer Iron Works Inc. 10th and Harrison, S. F.
Filed Nov. 23, '38. Dated Nov. 19, '38.
15 days after acceptance.....85%
35 days after acceptance.....15%
TOTAL, not given.
Bond, \$1500.00. Sureties, American Bonding Co. of Baltimore. Plans and specifications filed.

INSTALLATION

(260) KEY MOLE TILL, Oakland. Electric equipment Installation for Key Mole Till Station.
Owner—P. G. & E., 17th and Clay, Oakland.
Contractor—H. S. Tittle Co. Inc., 85 Columbia Square, S. F.
Filed Nov. 22, '38. Dated Nov. 18, '38.
End mo., lab. and mat.....85%
Usual 35 days.....15%
TOTAL, \$1834.56
Bond, \$1834.56. Sureties, Hartford Cas. & Indemnity Co. Plans and specifications filed.

INSTALLATION

(261) 12th and CLAY STS., Oakland. High pressure boiler Installation
Owner—Athens Athletic Club, Oakland.
Contractor—G. E. Atkins, Eng., Hobart Bldg., S. F.
Filed Nov. 29, '38. Dated Nov. 18, '38
Boiler in place.....75%
Usual 35 days.....25%
TOTAL, \$5891.00
Bond, \$5891.00. Sureties, Hartford Accident & Indemnity Co. Limit, Jan. 6, 1939; Specifications filed

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$500; 1320 3rd Ave; owner, R. M. Choses, premises; contractor, E. Geo. Van Aalst, 401 West Portal Ave.
ALTER flats, \$350; 1324 Clement St.; owner, J. Attell, c/o cont.; contractor, A. L. Thulln, 63 Brady St.
FLUE, \$25; 228 8th Ave; owner, Mrs. M. Dou, prem.; contractor, Morris Menson, 1840 Clement St.
ALTER flats, \$150; 167 Gough St.; owner, M. P. Bendel, prem.
FLUES, \$85; 1062 Innes St.; owner, Geo. Moore, 2239 Leavenworth St.; contractor, Able Mfg. Sheet Metal Co., 3456 Mission St.
SIGN, electric, \$200; 165 Eddy St.; owner, Waldorf Billiards, prem.; contractor, Apex Elec. Co., 363 Fell St.
SIGN, electric, \$150; 672 Broadway; owner, Hotel French, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
SIGN, electric, \$200; 4816 3rd St.; owner, Oakdale Restaurant, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
ALTER flats, \$900; 472 Union St.; owner, S. Spingola, prem.; contractor, L. Murer, 1274 Quesada Ave.
SIGN, electric, \$460; 363 Sutter St.;

owner, Forbidden City, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
ALTER apts, \$250; 2430 Fillmore St.; owner, Mr. Stulsaft, 364 Bush St.
ALTER dwelling, \$80; 127 Crescent St.; owner, Henry Logemann, prem.; contractor, H. B. Hocking, 2216 Clement St.
FLUES, \$75; N. Point Lobos 50 W. 43rd Ave.; owner, Boyd C. Lindsay, 1176 Alemany Blvd.; contractor, Walter Furnace and Sheet Metal Co., 2230 Market St.
SIGN, electric, \$100; 1160 Market St.; owner, El Rey Club, prem.; contractor, Apex Elec. Co., 363 Fell St.
ALTER factory, \$400; 655 Battery St.; owner, Henry Hocking, prem.; contractor, Arnke Iron Works, 780 Brannan St.
ALTER dwelling, \$800; 3628 Fulton St.; owner, Simpers, prem.
ALTER flats, \$450; 498 Hoffman Ave.; owner, Marvin Hartfield, prem.
ALTER dwelling, \$35; 356 15th Ave.; owner, David Lawler, prem.; contractor, E. Sugarman, 3824 Geary St.
ALTER flats, \$75; 1593 Treat Ave.; owner, A. Renn, prem.; contractor, H. S. Meinberger, 956 Folsom St.
SIGN, electric, \$235; 203 4th St.; owner, Netherlands Hotel, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
ALTER dwelling, \$80; 22 Bannock St.; owner, Joseph Bertolas, prem.
ALTER office, \$377; 1025 Masonic Ave.; owner, St. Agnes Catholic Church, prem.; contractor, A. L. Nichols, 453 Larkin St.
ALTER restaurant, \$10; 315 Mason; owner, D. O. Hale, 2597 Pine St.
SIGN, electric, \$150; 524 Gates St.; owner, N. J. Illias, 524 Gates St.
OWNER, Murphy's, premises; contractor, Brumfield Electric Sign Co., 965 Folsom St.
ALTER dwelling, \$400; 864 North Point St.; owner, Mrs. Demato, premises; contractor, M. Smith, 3723 17th St.
FLUES, \$20; 1438 McAllister Street; owner, Mr. Rosen, premises; contractor, Zemon Sheet Metal Wks 1438 McAllister St.
ALTER store, \$150; 3624 Balboa St.; owner, Jennie Simpson, premises; contractor, Victor E. Ratto, 4503 18th St.
ALTER store, \$150; 837 Washington; owner, Yan Wo, premises; contractor, Frank Yick, 670 Washington St.
SIGN, electric, \$250; 1757 Taraval St. owner, Parkside Pharmacy, 1757 Taraval St.; contractor, Apex El. Co., 363 Fell St.
SIGN, electric, \$250; 952 Fillmore; owner, Daugherty's, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
ALTER dwelling, \$320; 56 Lloyd St.; owner H. B. Basmore, premises; contractor, H. R. Campbell, 110 Ashton Ave.
ALTER dwelling, \$985; 1918 19th Ave. owner, A. Mavis, c/o contractor; contractor, L. Salomon, 1734 Broderick St.
GARAGE, 1-story frame, \$500; 115 Gough rear; owner, J. C. Swanson, 115 Gough St.
ALTER night club, \$500; 365 Market St.; owner, A. Gulntoli, premises.
ALTER restaurant, \$50; 363 Sutter; owner, Chas. P. Low, 756 Sacramento St.
ALTER commercial bldg., \$600; 1022 Hyde St.; owner, F. R. Collins, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|--------------------------------|---------------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and |
| 4.—Factories and Warehouses | Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garage and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Sieres and Offices |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hospitals | 18.—Wharves & Docks |
| 10.—Hotels | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Etc. |

BIDS OPENED

SAN FRANCISCO.—Meyer Const. Co., 735 Portola Drive, at \$336,873 submitted low bid to the Constructing Quartermaster, Maj. F. D. Jones, San Francisco and Vicinity, Ft. Mason, for construction and completion of ten double company officers' quarters, five with No. 1 front entrances, and five with No. 2 front entrances, and five double field officers' quarters, three with type No. 1 front entrances, and two with type No. 2 front entrances, at the Presidio of San Francisco.

Bids were taken as follows: (1) work complete; (2) add for omitting metal windows and metal frame screens and substituting wood double hung windows and wood frame screens; (3) add for rear porches; (4) deduct for omitting asphalt tile bathroom floors and substituting linoleum; (5) add for omitting cast stone and substituting cast stone; (6a) deduct for omitting foundation drainage for each double company officers; (6b) deduct for omitting foundation drainage for each double field officers' quarters; (7a) deduct for omitting Mission tile and substituting Spanish "S" tile for each double field officers' quarters; (7b) deduct for omitting Mission tile and substituting Spanish "S" tile for each double company officers' quarters; (8a) deduct for omitting brick walls and substituting load-bearing tile for each double company officers' quarters; (8b) deduct for omitting brick walls and substituting load-bearing tile for each double field officers' quarters. Complete total bids follow:

- (A) Meyer Construction Company, San Francisco, (1) \$336,873.
 (B) Robert E. McKee, Los Angeles, \$347,900.
 (C) Leo Epp, San Francisco, (1) \$355,877.
 (D) James I. Barnes Const. Co., Santa Monica, (1) \$382,000.

Complete alternate bids follow:

	(A)	(B)	(C)	(D)
(2)	\$2100	\$6400	\$5600	\$2560
(3)	2750	2200	1693	1800
(4)	126	100	10	100
(5)	2000	1100	250	830
(6a)	38	70	150	50
(6b)	38	70	150	50
(7a)	36	50	15	140
(7b)	36	25	15	135
(8a)	130	190	350	300
(8b)	170	300	350	450

BIDS WANTED

MARE ISLAND. Solano Co., Calif.—Until Dec. 21, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for construction of the Paint Shop at Navy Yard, Mare Island; Spec. No. 9039. Est. cost, \$135,000.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island.

BIDS WANTED

PEARL HARBOR, T. H.—Until Dec. 14, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for laundry machines, water softener, storage tank, pump and heater, piping and wiring, and incidental work for laundry at the naval hospital, Pearl Harbor, T. H. Spec. 8755. Drawings and specifications may be obtained from the above office upon deposit of \$10.00.

Additional Sub-Contracts Awarded

POST OFFICE Cont. Pr., \$51,324
LOS BANOS, Merced Co., Calif. Construction of U. S. post office. Owner—United States Government. Plans by Supervising Architect of Treasury Dept., Washington, D. C.
Contractor—L. F. Dow Co., 245 Bundy Drive, Los Angeles.
Mill Work—Electric Planing Mill, Stockton.
Roofing—Builders Supply Co., Los Plastering—Chas. Allton, Los Angeles.

Miscellaneous and Ornamental Iron—

Uabona Mfg. Co., St. Louis, Mo.
Banos.
Hollow Metal Work—Trussbuilt Co., Minneapolis, Minn.
Vault Door—Herring-Hall-Marvin Co., Hamilton, Ohio.
 Electric work and painting will be done by day labor.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Bids are now being received (opening date not set) by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the superstructure for the foundry building at the Navy Yard, Mare Island; Spec. 9062.
 The building will be approximately 180 feet wide by 408 feet long and will include earthwork; concrete Work; miscellaneous steel and iron; roofing; sheetmetal work and membrane waterproofing; metal windows and doors; carpentry and woodwork; hardware; glazing; painting and roof drainage system.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of \$25, check or postal money order payable to the Chief of the Bureau of Yards & Docks.

LOW BIDDER

SAN DIEGO, Calif.—Diesel Motor Sales and Service Corp., 2331 East Olympic Blvd., Los Angeles, at \$5,633 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 60-hp. diesel engine driving 40-kw. direct current generator at the Naval Operating Base (Destroyer Base), San Diego. Spec. No. 8963.

BIDS WANTED

YERBA BUENA SHOALS—Until Nov. 28, 3 P. M., bids will be received by the United States Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., S. F., for stage equipment for the theatre unit, Yerba Buena Shoals.

Plans and specifications may be obtained at Room 1400, 200 Bush St., S. F., upon deposit in cash or cer-

tified check of \$10, returnable, payable to George Creel, Commissioner.
 Date of opening bids will probably be extended a few days.

BIDS WANTED

ALAMEDA AIR STATION, Calif.—Bids are now being received (opening date not set), by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for superstructure of assembly and repair shop at the Naval Air Station, Alameda, Calif.; Spec. 9033.

The work includes concrete construction; steel and iron work; brick, hollow tile and ceramic glazed units; roofing and sheet metal work, damp-proofing and waterproofing; metal windows; metal furring and lathing; metal and wire mesh partitions; metal and metal-covered doors; plaster and stucco; marble and tile; asphalt tile and asphalt plank flooring; linoleum; carpentry and joinery; hardware; glazing; painting and plumbing; heating and ventilating; air conditioning, sprinkler and electric system.

Drawings and specifications may be obtained shortly from the above office and from the Commandant, 12th Naval District, Federal Office Building, Civic Center, San Francisco, upon deposit of \$50 check or postal money order payable to the Chief of the Bureau of Yards & Docks.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Bids are now being received (opening date not set), by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for superstructure for Machine Shop, Navy Yard, Mare Island, Calif.; Spec. 8995.

The building will be approximately 250 feet wide by 900 feet long and will include earthwork; concrete work; misc. iron and steel; roofing and sheet metal work, ceramic glazed units; metal windows and doors; metal studding, lathing and plastering; metal toilet partitions; marble and tile work; terrazzo carpentry and joinery; hardware; glazing; painting; plumbing; heating and ventilating and electric system.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of \$50.00 check or postal money order payable to the Chief of the Bureau of Yards and Docks. (1092) • 7

BIDS OPENED

SAN DIEGO, Calif.—V. R. Dennis Constr. Co., Box 748, E. San Diego Sta., San Diego, at \$1745 submitted low bid to the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for driving timber piles for four piers at the Naval Operating Base (Air Station), San Diego. Spec. 9038.

Total bids follow:

V. R. Dennis Constr. Co., San Diego	\$1745.00
E. R. & R. I. Dawson, San Diego	1883.00
Linscomb and Barclay, San Diego	1975.00

Contract Awarded

SAN DIEGO, Calif.—Fairbanks Morse & Co., at \$35,772 awarded contract by the Bureau of Yards and Docks, Navy Department, Washing-

ton, D. C., under Spec. No. 8977 for power plant equipment at the 11th Naval District, Fleet Training Base, San Clemente Island.

BIDS OPENED

SAN FRANCISCO—P. L. Burr, 320 Market St., San Francisco, at \$3,700 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for misc. work to provide for surface drainage at the U. S. Mint at San Francisco.

Total bids follow:	
P. L. Burr, S. F.	\$3,700
West Construction Co.	3,740
De Luca & Son Inc.	5,000
Herman Lawson Co.	5,200

BIDS OPENED

YERBA BUENA SHOALS.—Bartlett & Hilt, 918 Harrison St., San Francisco, at \$57,946, submitted low bid to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., S. F., for construction of barracks to house an army company on Yerba Buena Shoals.

Complete bids were:	
Bartlett & Hilt	\$57,946
George A. Fuller Co.	64,800
Clinton Construction Co.	64,900
P. J. Walker	67,600

CONTRACT AWARDED

YERBA BUENA SHOALS.—Bartlett & Hilt, 918 Harrison St., S. F., at \$14,722 awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., S. F., for construction of a WPA Recreation Court on Yerba Buena Shoals. Only other bid submitted by Geo. A. Fuller, at \$14,800.

LOW BIDDER

FORT CLAYTON, C. Z.—Robert E. McKee, El Paso, Texas and 4700 San Fernando Road, W. Los Angeles, submitted low bid to the Constructing Quartermaster, Albrook Field, Panama Canal, for construction of five barracks buildings at Fort Clayton, Canal Zone. Est. cost, \$815,250.

CONTRACT AWARDED

WHIPPLE, Ariz.—Anchor Fence Co., Eastern Ave. and Kane Street, Baltimore, Md., at \$7,184 awarded contract by the Veterans Administration, Washington, D. C., for constructing and finishing complete a chain link fence and gates at the Veterans Facility, Whipple, Ariz. (879) 1st rep. Oct. 19; 3rd, Nov. 18, 1938.

COMPLETE BIDS

SAN DIEGO, Calif.—Diesel Motor Sales and Service Corp., 2331 East Olympic Blvd., Los Angeles, at \$5,633, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 60-h.p. diesel engine driving 40-kw. direct current generator at the Naval Operating Base (Destroyer Base), San Diego Spec. No. 8962.

Complete bids follow:	
Diesel Motor Sales and Service Corp., L. A.	\$5,633.00
Caterpillar Tractor Co., Peoria, Ill.	5,963.24
National Supply Co., Philadelphia	6,684.50
Worthing Pump and Mch. Corp., Wash., D. C.	9,303.00

BIDS WANTED

HICKAM FIELD, T. H.—Until Jan. 6, 2 P. M., B.S.T., at the Office of the Constructing Quartermaster, 39 Whitehall St., New York City, and until January 6, 11 A. M., P.S.T., at the Office of the Constructing Quartermaster, Fort Mason, San Fran-

cisco, and until Jan. 6, 8:30 A. M., H.S.T., at the Office of the Officer-in-Charge of Construction, Hickam Field, T. H., for construction and completion of the A.C. Barracks (3,200 men) at Hickam Field, T. H.

Plans and specifications may be obtained at the above offices upon deposit of certified check for \$25 payable to Finance Officer (1121)

BIDS WANTED

PUGET SOUND, Wash.—Until Dec. 21, 11:00 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for caisson gate of structural steel, including, concrete ballast timber fenders, pumps, gate valves, fittings, motors and electrical work at the Navy Yard, Puget Sound, Washington; Spec. 8969. Est. cost, \$300,000.

As previously reported drawings and specifications may be obtained from the above office upon deposit of \$15.

9— HOSPITALS

Low Bidder

ALTER HOSPITAL

RED BLUFF, Tehama Co., Calif. Addition to hospital building (concrete walls, composition roof, frame interior, etc.)

Owner—St. Elizabeth Mercy Hospital Red Bluff.

Architects—Story & Brouchou (A. W. Story, Architect, 116 W. 2nd St., Chico).

Low Bidder—Harry Porter, Gerber, \$24,288.

Contract Awarded

HOSPITAL Cont. Price, \$74,643

WEIMAR, Placer Co., Calif.

Two-story addition to sanitarium.

Owner—Weimar Joint Sanitarium

Hospital Central Comm., C. Geisendorfer, Secretary.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

BIDS WANTED

SAN FRANCISCO—Until Dec. 14, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for general construction of the Kitchen & Dining Room building, Hassler Health Home, San Mateo County; est. cost \$37,500.

Plans and specifications may be obtained from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

Contracts Awarded

HOSPITAL

SAN FRANCISCO. Seventh Avenue and Dewey Blvd. (Laguna Honda Home).

Construction of New Hospital Unit, Ward Bldgs. "M" and "N", and alterations to present ward bldgs.

"E", "F", and "L" and Service Building. New hospital building (400 beds), will connect with the present unit, and contain X-ray offices, staff offices, operating room and morgue.

Owner—City and County of S. F.

Architects—Dodge A. Riedy, 821 Market St., and Frederick H. Meyer, Kohl Building.

Structural Engineers—W. H. Ellison, Pacific Bldg., and Hall & Pregnoff, 350 California Street, Associates.

Electrical Engineer—Robt. L. St. John 544 Market Street.

Mechanical Engineers—Leland & Haley, 58 Sutter Street.

General Construction

Monson Brothers, 475 Sixth Street.

San Francisco, \$558,644.

Mechanical Equipment and Plumbing Herman Lawson Co., 465 Tehama St., San Francisco, \$180,393.

Electric Work

Decker Elec. Const. Co., 638 Bryant St., San Francisco, \$53,960.

BIDS OPENED

SAN FRANCISCO.—Miller Const. Co., 3917 Mission St., at \$9,523 submitted low bid to the Dept. of Public Works, City Hall, for construction of the Gate Lodges at San Francisco Hospital, 22nd St. and Potrero Ave.

Complete bids were:

Miller Const. Co.	\$ 9,523
A. M. Hardy	10,133
De Luca & Son, Inc.	10,260

AWARD APPROVED

SAN FRANCISCO.—Miller Const. Co., 3917 Mission St., at \$9,523, awarded contract approved by the PWA for construction of the Gate Lodges at San Francisco Hospital, 22nd St. and Potrero Ave.

AWARD RECOMMENDED

SAN FRANCISCO.—Miller Const. Co., 3917 Mission Street, at \$9,523 recommended for award of contract to PWA by the Public Works, City Hall, for construction of the Gate Lodges at San Francisco Hospital, 22nd Street and Potrero Ave.

Steel Floors Awarded

HOSPITAL Cost, \$200,000

GRASS VALLEY, Nevada Co., Calif. Two-story reinforced concrete and steel hospital bldg. (steel floors, reinforced concrete walls, metal lath and plaster partitions, oil-fired steam heat, air conditioning).

Owner—Grass Valley Memorial Hospital Assn., c/o Dr. Carl P. Jones, Grass Valley.

Architect—Walter C. Clifford, 310 Locust St., San Francisco.

Steel Floors—H. H. Robertson Co., 149 New Montgomery Street, San Francisco.

10— HOTELS

PLANNED

ARROWHEAD SPRINGS, Calif.—Arrowhead Springs Court, Jay Pyle, president, Los Angeles, proposes replacing the resort buildings at Arrowhead Springs, destroyed by fire last week. Preliminary plans contemplate a new fireproof hotel, to contain 125 guest rooms and 10 cottages. The buildings will be air conditioned. The name of the architect will be announced within a few days.

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

Bids Opened

ALTERATIONS & ADDITIONS

SAN JOSE, Santa Clara Co., Calif.

Santa Clara County Hospital.

Alterations and additions to the Physician's Residence.

Architects—Binder & Curtis, 35 West San Carlos St., San Jose.

Low Bidder—Frank Nevis, 691 Harrison St., Santa Clara, \$1,555.

Only other bid submitted by Bert Ward & Son, San Jose, \$1,900.

Bids Wanted — To Close December

15, 8:30 P. M.

COURT HOUSE Cost, \$276,650

PENLETON, Oregon.

Four-story courthouse (125x125-ft.);

marble exterior walls, steel sash,

cooling system, vaults, jail on

top floor.

Owner—Umatilla County, Carl W.

Chambers, Judge.
 Architects—A. E. Doyle and Associa-
 teds, Pacific Bldg., Portland.
 Plans and specifications obtainable
 from the architect's office upon
 deposit of \$50. 13

Contract Awarded
EXHIBIT BLDG.
YERBA BUENA SHOALS. Site of
 the 1939 World's Fair
 Construction of exhibit Pavilion.
 Owner—United State of Brazil.
 Architect—Gardner A. Dalley, 2
 Post St., San Francisco.
 Contractor—Chas. Stockholm & Sons,
 235 Montgomery St., S. F.

CONTRACT AWARDED
YERBA BUENA SHOALS.—Edw.
 J. Lynch Electric Co., 2080 Sutter
 St., San Francisco, at \$8,182 awarded
 contract by the Department of Public
 Works, California Commission for
 the Golden Gate International
 Exposition, 660 Market Street, San
 Francisco, for electrical work for
 the Floriculture Building on Yerba
 Buena Shoals.

BIDS OPENED
YERBA BUENA SHOALS, Calif.—
 Edward J. Lynch Electric Co., 2080
 Sutter St., S. F., at \$8,182 submitted
 low bid to the Department of Public
 Works, California Commission for
 the Golden Gate International
 Exposition, 660 Market St., S. F., for
 electrical work for the Floriculture
 Building on Yerba Buena Shoals.
 Total bids follow:
 Edward J. Lynch Electric
 Co., S. F. \$8,182.00
 Spencer Electric Co. 8,411.00
 Atlas Elec. & Engr. Co. 8,413.00

BIDS OPENED
YERBA BUENA SHOALS.—D. W.
 Nicholson, 357 12th St., San Fran-
 cisco, at \$42,931 submitted low bid to
 Department of Public Works at the
 office of the California Commission for
 the Golden Gate International
 Exposition, 660 Market St., San Fran-
 cisco, for general construction of the
 Press Bldg., on Yerba Buena Shoals.
 Complete bids follow:
 D. W. Nicholson \$42,931
 Fred J. Early, Jr. 43,854
 W. C. Akard 46,724
 Barrett & Hilp 47,955
 Clifton Construction Co. 47,200

Contract Awarded
HALL OF JUSTICE
 Cont. Price, \$268,000
BERKELEY, Alameda Co., Cal. Rear
 of present City Hall.
 Three-story, reinforced concrete police
 administration bldg., to contain
 accommodations for the police
 department, courtroom, cell
 blocks, laboratory, police training
 school quarters, probation officials'
 offices, interview rooms,
 radio broadcast station, etc.
 Owner—City of Berkeley (City Man-
 ager, Hollis R. Thompson).
 Architect—Jas. W. Plachek, 511 Mer-
 cantile Bank Bldg., Berkeley.
 Contractor—Dinwiddie Const. Co., 210
 Crocker Bldg., San Francisco.

Contract Awarded
RESIDENCE
SAN FRANCISCO. SW Scott and
 Green Sts.
 Three-story frame and stucco resi-
 dence (12 rooms, 6 baths), hard-
 wood floors, tile baths, copper
 roof, gas fired hot air heating
 system, etc.
 Owner—James Parks Bradley, c/o
 Architect.
 Architect—Gardner A. Dalley, 210
 Post St.
 Contractor—Jacks and Irvine, 620
 Market St., S. F.

Contract Awarded
ASSEMBLY BUILDING
 Cont. Price, \$16,327
ANDERSON, Shasta Co., Calif. 27th
 District, Agricultural Assn.
 Wood frame assembly bldg. (75x125
 ft.), covered on exterior with
 wood siding and corrugated iron.
 Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect—Public Bldg., 12th and
 N Sts., Sacramento.
 Contractor—W. C. Tait Inc., 883 Mar-
 ket St., S. F.

CONTRACT AWARDED
YERBA BUENA SHOALS.—Barrett
 & Hilp, 918 Harrison Street, San
 Francisco, at \$39,224 awarded contract
 by the Department of Public
 Works, California Commission for
 the Golden Gate International Ex-
 position, for general construction, in-
 terior finish and facilities for Agri-
 cultural Exhibit in Exposition Pal-
 ace No. 7-A on Yerba Buena Shoals.

CONTRACT AWARDED
YERBA BUENA SHOALS.—Barrett
 & Hilp, 918 Harrison Street,
 San Francisco at \$47,500 awarded
 contract by the Department of Public
 Works, California Commission of the
 Golden Gate International Ex-
 position, for general construction of
 the Floriculture Bldg., on Yerba
 Buena Shoals.

Bids Wanted—To Close Dec. 19,
 11:30 A. M.
ALTERATIONS Cost, \$.....
BAKERSFIELD, Kern Co., Calif.
 Alterations to the Kern County Court
 House Bldg.
 Owner—County of Kern, F. E. Smith,
 County Clerk).
 Architect—Franklin & Kump, Jr., 256
 Haberfelde Bldg., Bakersfield.
 Plans and specifications may be
 examined at the architect's office.
 Bids must be accompanied by cer-
 tified or cashier's check or bid bond
 for 10% of bid and will be opened
 in the Board Room of the Board of
 Supervisors of Kern County.

BIDS OPENED
SAN FRANCISCO. — Michel and
 Pfeffer Iron Works Inc., 10th and
 Harrison Sts., San Francisco, at
 \$1188.82 submitted low bid to the
 S. F. Public Utilities Commission,
 Room 287, City Hall, for construct-
 ing superstructure for switch tower
 for Bay Bridge Loop.
 Total bids follow:
 Barrett and Hilp 1280.00
 Michel and Pfeffer Iron
 Works Inc., S. F. \$1188.82
 W. C. Tait Inc. 1290.00
 Eaton and Smith 1337.00
 Albert E. Mangs &
 Associates 1340.00
 Mortenson Constr. Co. 1350.00
 13

CONTRACT AWARDED
YERBA BUENA SHOALS.—H. C.
 Reid & Co., 389 Clementina Street,
 San Francisco, at \$29,475 awarded
 contract by the Department of Public
 Works, office of the California
 Commission for the Golden Gate In-
 ternational Exposition, for electrical
 work for the Auditorium Bldg., on
 Yerba Buena Shoals.

Bids Opened
HALL OF JUSTICE
BERKELEY, Alameda Co., Cal. Rear
 of present City Hall.
 Three-story, reinforced concrete police
 administration bldg., to contain
 accommodations for the police
 department, courtroom, cell
 blocks, laboratory, police training
 school quarters, probation officials'
 offices, interview rooms,

radio broadcast station, etc.
 Owner—City of Berkeley (City Man-
 ager, Hollis R. Thompson).
 Architect—Jas. W. Plachek, 511 Mer-
 cantile Bank Bldg., Berkeley.
 Low Bidder—Dinwiddie Const. Co.,
 210 Crocker Bldg., San Francisco,
 \$268,000.
 Total bids follow:
 (A) Dinwiddie Const. Co., San Fran-
 cisco, \$268,000.
 (B) K. E. Parker Co., San Francisco
 \$275,450.
 (C) G. L. Wood Const. Co., San Fran-
 cisco, \$292,639.
 (D) F. C. Stolte Co., Alameda, \$298,-
 000.

Unit prices and alternates were
 submitted on the following:
 (1) add per cu. y., general excavation;
 (2) add per cu. y., excav. for footings
 and trenches;
 (3) add per sq. ft., additional wood
 forms;
 (4) add per cu. ft., concrete;
 (5) add per lb., reinf. steel;
 (6) deduct, substituting vertical
 grain Oregon pine finish for
 oak finish;
 (7) deduct, omit two radio antennas
 (8) deduct, omit one radio antenna;
 (9) deduct, omit portion jail equip-
 ment, adult male block;
 (10) deduct, omit other portions jail
 equipment, adult male block;
 (11) deduct, omit do, female disde-
 meanor block;
 (12) deduct, omit do, male felons'
 block;
 (13) deduct, omit do, female felons'
 block;
 (14) deduct, omit portion third floor.
 (15) deduct, omit other portion 3rd
 floor;
 (16) deduct, omit jail elevator;
 (17) deduct, omit clocks and w/ire
 for same;
 (18) deduct, omit photo-electric re-
 lay equip. for door controls;
 (19) add, substitute gas-fired sectional
 boilers, etc. for oil-fired do.
 Complete unit prices and alternates
 were as follows:

	(A)	(B)	(C)	(D)
(1).	\$ 1.00	\$ 1.00	\$ 3.00	\$ 2.00
(2).	2.50	2.00	2.75	4.00
(3).	.30	.25	.155	.30
(4).	.45	.75	.40	.35
(5).	.06	.04	.05	.05
(6).	4050.00	4000.00	3189.00	450.00
(7).	4420.00	4420.00	4429.00	4500.00
(8).	2120.00	2120.00	2120.00	2200.00
(9).	5600.00	5600.00	5375.00	6500.00
(10).	5600.00	5500.00	5375.00	6500.00
(11).	4600.00	4600.00	4475.00	5000.00
(12).	4273.00	4200.00	4123.00	4700.00
(13).	1835.00	1800.00	1653.00	2150.00
(14).	3760.00	4600.00	2173.00	6200.00
(15).	3800.00	3600.00	1328.00	5000.00
(16).	5000.00	4900.00	5190.00	5500.00
(17).	620.00	620.00	620.00	850.00
(18).	136.00	130.00	136.00	156.00
(19).	360.00	450.00		450.00

Bids taken under advisement.

Bids Opened
CITY HALL
PORTERVILLE, Tulare Co., Calif.
 City Hall, Police Headquarters and
 City Jail Building.
 Owner — City of Porterville, W. R.
 Mears, City Clerk.
 Architect—Fred L. Swartz, Brix Bldg.,
 Fresno.
 Bonds in the amount of \$47,000, to-
 gether with PWA allotment of \$58,-
 090 and funds on hand will finance
 construction.
 Low Bidder—R. V. Brown Construc-
 tion Co., 113 South K St., Ma-
 adera, \$91,600.
 Recommendation was made to
 PWA that contract be awarded the
 low bidder.
 Complete bids follow:
 R. V. Brown Construction
 Co., Madera \$91,600
 Hodgson & Sons, Porterville. 97,156
 Midstate Construction Co.,

Fresno	98,873
Harman & Co., L. A.	98,975
Trevhitt-Shields & Fisher,	
Fresno	99,990
Fisher & McNulty, Fresno....	101,551
Richmond Construction Co.,	
Fresno	103,642
L. H. Hansen & Sons,	
Fresno	103,289

BIDS OPENED

SAN FRANCISCO—West Coast Electric Works, 166 Seventh Street, San Francisco, at \$102.50 submitted low bid to the Department of Public Works, Room 251, City Hall, for altering 13 small motors at Lowell High School.
Total bids follow:
West Coast Elec. Works, S.F., \$102.50
Atlas Elec. & Eng. Co. 132.75
Standard Elec. & Eng. Co. 326.80
Kuchel and Sievers Elec. Works Ltd. 359.50
Buzzell Elec. Works 423.90
..... 13

BIDS OPENED

SAN FRANCISCO—Eaton and Smith, 715 Ocean Avenue, San Francisco, at \$700, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, for construction of foundations, pipe support and vault for switch tower for Bay Bridge Loop.
Total bids follow:

Eaton and Smith	\$600.00
C. C. W. & H. H. Haun	645.00
Barrett and Hlp	678.00
Albert E. Mangle & Associates,	695.00
Mortenson Const. Co.	750.00
W. C. Tait Inc.	897.00
Frank J. Reilly Co.	1241.00

CONTRACT AWARDED

SAN FRANCISCO—Aristo Painting Co., 473 Bryant St., at \$3,173 awarded contract by the San Francisco Public Utilities Commission, City Hall, under Municipal Railway Contract No. 180 for painting the 17th Street car house near Mariposa Street.

Contract Awarded

LIGHTING, VENTILATING, OUTLETS, VENTILATING MOTORS Cont. Pr. \$3198 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
High Bay Lighting, Palaces No. 14, Extension and No. 15; Telephone Booth Outlets, all palaces; Ventilating Motors, Palaces Nos. 8 and 8A; Contract No. 223.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Spencer Electric Co., 570 Natoma St., San Francisco.

Contract Awarded

LIGHTING UNITS Cont. Pr., \$19,819 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
Trough Lighting Units of Palace of Fine Arts; Contract No. 1184.
Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
Contractor—Brumfield Electric Sign Co., 965 Folsom St., San Francisco.

BIDS WANTED

YERBA BUENA SHOALS.—Until December 16, 2 P. M., bids will be received by the Department of Public Works, at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life In-

urance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for electrical fixtures for the California State Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland.

Bids Wanted—To Close December 20 2 P. M.

OFFICE BLDG., Cost, \$.....
EUREKA, Humboldt Co., Cal. Highway Patrol, Dept. of Motor Vehicles.

Construction of wood frame office building covered on exterior with Redwood siding and Redwood shingles; foundations are in place.

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Bids will be received for work complete with alternate bids covering the omission or changes on certain portions of the work.

Plans and specifications obtainable from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25, returnable.

Contract Awarded

COURT HOUSE Cont. Price, \$298,226

ALBANY, Oregon.
Construction of court house.
Owner—County of Linn, (J. J. Barrett, Judge).

Architect—Tourtelotte and Phillips, Pearson 4th Ave. Bldg., Portland.
Contractor—George Buckler, Lewis Bldg., Portland, Ore. 13

CONTRACT AWARDED

VAN NUYS, Los Angeles Co., Cal.—A. V. Perkinson, 1149 N. Las Palmas Ave., L. A., at \$65,993, awarded contract by the L. A. Board of Public Works, for the construction of a new fire station at 1415 S. Sylvan Ave., Van Nuys, a PWA project. 13

Bids Opened

DETENTION HOME
EUREKA, Humboldt Co., Calif.
Construction of new detention home and welfare building.
Owner—County of Humboldt, (Fred M. Kay, Clerk).

Architect—Frank T. Georgeson, 537 G Street, Eureka.

Low Bidder—Fred J. Maurer & Son, 3031 E. St., Eureka, \$82,450.
Contract awarded low bidder subject to the approval of the PWA.

Complete bids follow:
Fred J. Maurer & Son, Eureka \$82,450
Mercer-Fraser Co., Eureka..... \$7,825
Bid of Moore & Roberts, San Francisco, received too late for consideration.

14—RESIDENCES

Revising Plans
DUPELEX Cost, \$.....
MADERA, Madera Co., Calif.
Two-story frame duplex residence.
Owner—Mrs. Jas. Bakotich, Jr., Hotel Aragon, Madera.
Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Plans Being Figured—Bids Close
December 6, 4 P. M.
RESIDENCE Cost, \$.....
BELVEDERE, Marin Co., Calif.

Two-story frame and stucco residence (8 rooms, 3 baths) plastered interior, wood and steel sash, gas furnace, shingle roof, detached garage, etc.

Owner—Withheld.
Architect—Fred Reimers, 233 Post St. San Francisco.

Plans are being figured by the following selected list of contractors:
Leach and Wallace, 133 Saunders Ave., San Anselmo.

A. H. Pritchard, 243-A E. Blythdale Ave., Mill Valley.
Fred J. Starbuck, 418 Throckmorton Ave., Mill Valley.

Melvin H. Klyce, 25 Eugene St., Mill Valley.

C. E. Finell, R.F.D. 1, Box 157, Sausalito.
Clem Anderson.

Plans Completed

RESIDENCE Cost, \$12,500
SAN FRANCISCO, Marina District.
Two-story frame and stucco residence.

Owner—Withheld.
Architect—Conrad T. Kett, 519 California Street.

Contractor—Herman Hogrefe, 359 24th Avenue.

Contract Awarded

RESIDENCE
BERKELEY, Alameda Co., Cal. Parnassus Court.

One-story frame residence (5 rooms) redwood exterior, hardwood flrs., etc.

Owner—J. K. Sebre, c/o Architect, Architect—Clarence W. Mayhew, 6026 Acacia St., Oakland.
Contractor—W. K. Kraus, 1310 Maria Ave., Albany.

Bids In—Held Under Advisement

RESIDENCE Cost, \$.....
BAYWOOD KNOLES, San Mateo Co.

One and 1/2-story frame and stucco residence (10 rooms and 3 baths) gas fired hot air heating, shingle roof, hardwood floors, tile baths.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Working Drawings Completed

ALTERATIONS Cost, \$5500
SEARCHLIGHT, Nevada.

Alterations and additions to building to include residence.
Owner—Withheld.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed

RESIDENCES Cost, \$5,000 each
SAN FRANCISCO, Silver Avenue.

Three one-story frame and stucco residences (5 rooms each) hardwood floors, tile baths, wood sash, etc.

Owner and Builder—Heyman Bros., 742 Market Street.
Architect—D. E. Jaekle, 126 Post St.

Owner Will Take Bids

RESIDENCE
SAN LEANDRO, Ala. Co., Calif.

One-story frame and stucco residence, (5 rooms), part tile roof; hardwood floors, tile bath, etc.

Owner—Mrs. J. Andersen, Estrudillo Ave., San Leandro.
Architect—Not given.

Construction Underway

RESIDENCES Cost, \$5200 ea.
WILLOW GLEN, San Jose, Calif., Sequoia Park.

Eight one-story frame residence; hardwood floors, tile baths, etc.

Owner and Builder—Thomas H. Henschbach, 506 Twoby Bldg., San Jose.
Architect—Chas. McKenzie, Twoby Bldg., San Jose.

Contract Awarded
RESIDENCE Cost \$280
SAN JOSE, Santa Clara Co., Calif.
 Rose Garden.
 One-story frame and rustic residence
 6 rooms, 2 baths), hardwood
 floors, tile baths, gas furnaces,
 shingle roof, etc.
 Owner—R. J. McMahon.
 Architect—Chas. McKenzie, Twohy
 Bldg., San Jose.
 Contractor—George I. Thorp, 1080 So.
 Seventh St., San Jose.

Contract Awarded
RESIDENCE Cost, \$4500
SAN JOSE, Santa Clara Co., Calif.
 Sequoia Tract.
 One-story frame residence; gas fur-
 nace, shingle roof, etc.
 Owner—Mr. Bonasera.
 Architect—Chas. McKenzie, Twohy
 Bldg., San Jose.
 Contractor—Vincint Maggto, 452 No.
 15th St., San Jose.

Completing Working Drawings
RESIDENCE
OAKLAND, Alameda Co., Calif.
 One-story frame residence, (5 rms.)
 shake roof, gas fired central
 heating, hardwood floors, etc.
 Owner—Withheld.
 Architect—Alfred C. Williams, 661
 Caldwell Road, Oakland.

Contract Awarded
RESIDENCE
POINT RICHMOND, Contra Costa
 Co., Calif.
 Two-story frame residence; hard-
 wood floors, tile baths, etc.
 Owner—Russell Ryan, co Arch.
 Designer—Miss Elizabeth Hilliery.
 Architect—Angus McSweeney, 604
 Mission St., S. F.
 Contractor—J. E. Malmstrom, 6856
 Broadway Terrace, Oakland.

Plans Being Figured — Bids Close
 Dec. 10, 11 A. M.
RESIDENCE Cost, \$6500
GRATON, Sonoma Co., Calif.
 One-story frame and stucco resi-
 dence; tile roof, steel sash, hard-
 wood floors, electric heating sys-
 tem, etc.
 Owner—Wm. B. Longvill, S. F.
 Architect—Clarence Caulkins, 426
 Rosenberg Bldg., Santa Rosa.
 Plans are being figured by a se-
 lected list of contractors.

Plans Completed
RESIDENCE Cost, \$6000
SAN JOSE, Santa Clara Co., Calif.
 One-story frame and stucco resi-
 dence, (5 rooms) hardwood flrs.,
 tile bath, etc.
 Owner—Mr. Furlanici.
 Architect—D. E. Jaekle, 126 Post St.,
 San Francisco.
 Contractor—Pasetta Constr. Co., 2390
 Park Ave., Santa Clara.

Plans Completed
RESIDENCE
SAN CARLOS, San Mateo Co., Calif.
 One-story frame and stucco resi-
 dence, (5 rooms) hardwood flrs.,
 tile bath, steel sash, shake roof,
 etc.
 Owner and Builder—H. H. MacDon-
 ald, San Carlos.
 Architect—D. E. Jaekle, 126 Post St.,
 San Francisco.

Plans Completed
RESIDENCES Cost, \$4500 ea.
SAN FRANCISCO, 26th Avenue.
 Four 1-story frame and stucco resi-
 dences, (5 rooms ea.) hardwood
 floors, tile baths, etc.
 Owner and Builder—Standard Bldg.
 Co., 1500 Judah St.
 Architect—D. E. Jaekle, 126 Post St.

Plans Completed
RESIDENCE
NEAR SAN LEANDRO, Alameda
 Co., Calif.
 One-story frame and stucco resi-
 dence, (5 rooms) hardwood flrs.,
 etc.
 Owner—M. V. Rogers, 1617 98th Ave.,
 Oakland.
 Architect—Not given.
 Owner will take bids.
 Owner Will Take Sub Bids

RESIDENCE
LAFAYETTE, Contra Costa Co., Cal.
 One-story frame and brick veneer
 residence, (5 rooms) shingle roof,
 hardwood floors, etc.
 Owner—G. S. Hansen, 6200 Maldon
 St., Oakland.
 Architect—Not given.

Preparing Preliminary Plans
RESIDENCE
NEAR WALNUT CREEK, Contra
 Costa Co., Calif., Alamo.
 One and part two story frame and
 stucco residence (3 bedrooms, 3
 baths).
 Owner—Withheld.
 Architect—Paul A. Ryan, 856 Phelan
 Bldg., San Francisco.

15— SCHOOLS

Contract Awarded
SCHOOL BLDG. Cont. Pr., \$44,769
SACRAMENTO, Cal. NW side Mc-
 Kintley Blvd. at San Miguel Way.
 Construction of addition to Theo.
 Judah Elementary School to con-
 tain administrative office, kin-
 dergarten room and assembly
 addition.
 Owner—Sacramento City Unified
 School Dist. (C. S. Hughes, Sec-
 retary).
 Architect—Chas. F. Dean, 1407 Cal-
 ifornia State Life Bldg., Sacra-
 mento.
 Contractor—M. R. Peterson, 1116 "O"
 St., Sacramento.

Bids Wanted—To Close December
 12, 11 A. M.
FOUNDATIONS Cost, \$.....
DAVIS, Yolo County, Calif.
 Foundations for the Library-Admin-
 istration Bldg. to replace the old
 Classroom Bldg., on the Davis
 Campus of the University of Cal-
 ifornia; est. cost, of bldg., \$275,-
 000.
 Owner—Regents of the University of
 California, Berkeley.
 Architect—Starks & Flanders, Bank
 of America Bldg., Sacramento;
 W. C. Hays, Consulting Archi-
 tect, Berkeley.
 Plans and specifications may be
 obtained at the Cashier's Office, Cal-
 ifornia Hall, University of Califor-
 nia, Berkeley, or at the Comptroller's
 Office, Branch of the College of Ag-
 riculture, Davis, Calif., upon deposit
 of \$25.00.

Bids must be accompanied by cer-
 tified or cashier's check or bid bond
 for 10% of bid, and will be opened
 at the Cashier's Office, University of
 California, Berkeley. No bids will be
 received at Davis.

Awards Recommended
AUDITORIUM
SAN FRANCISCO, Portola Jr. High
 School, Girard St. bet. Burrows
 and Bacon Streets.
 General construction, mechanical
 equipment and plumbing and
 electrical work for construction
 of an auditorium building.
 Owner—City & County of San Fran-
 cisco.
 Architect—Charles H. Sawyer, City
 Architect, Room 265, City Hall.
General Construction

Monson Bros., 475 Sixth St., San
 Francisco, \$25,700.
Mech. Equip. & Plumbing
 Scott Co. Inc., 243 Minna Street,
 San Francisco, \$3,766.
Electrical Work
 Crown Electric Co., 153 Eddy St.,
 \$4,994.
 Recommendation made to PWA
 that contract be awarded above low
 bidders.

Contract Awarded
SCHOOL Cont. Pr., \$143,808
GRASS VALLEY, Nevada Co., Cal.
 High school building to contain five
 classrooms and gymnasium; re-
 informed concrete construction.
 Owner—Grass Valley Union High
 School District, L. Prisk, Clerk.
 Architect—Harry J. Devine, Cronan
 Bldg., Sacramento.
 Contractor—Campbell Constr. Co.,
 800 R St., Sacramento.

Plans Completed
GYMNASIUM Cost, \$20,000
NEVADA CITY, Nevada Co., Calif.
 Addition of gym at the high school.
 Owner—Nevada City Union High
 School District.
 Architect—William Mooser, 244 Kear-
 ny St., S. F.
 Bonds recently voted will finance
 construction.

CONTRACT AWARDED
LOS ANGELES, Cal.—Arthur Pin-
 ner, Jr., 4354 W 3rd St., awarded
 contract by the Los Angeles Board of
 Education at \$75,848 for a one-story
 auditorium building to be built at
 the John Adams Jr. High School,
 151 W. 30th St.; a PWA project. 15

BIDS WANTED
SAN FRANCISCO—Until Dec. 7,
 2:30 P. M. bids will be received by
 the Department of Public Works,
 Room 251, City Hall, for grading the
 site of Abraham Lincoln High School,
 block bounded by 22nd, 24th Avenues,
 Quintara and Santiago Streets.
 Specifications may be obtained
 shortly from City Architect Chas. F.
 Sawyer, Room 265, City Hall, upon
 deposit of \$5.00.

Plans Completed
SCHOOL BLDG. Cost, \$40,000
SACRAMENTO, Sacto Co., Calif.
 Construction of addition at El Dor-
 ado Elementary School.
 Owner—City of Sacramento.
 Architect—Chas. F. Dean, 1407 Cal-
 ifornia State Life Bldg., Sacto.
 Bonds recently voted together with
 PWA grant will finance construction.
 Plans will be forwarded to State
 Architects office today.

Low Bidder
HIGH SCHOOL
SILVERTON, Oregon.
 Two-story masonry and concrete high
 school building (130x311-ft.) cock-
 ers, full equipment, etc.
 Owner—School District 4, Marion Co.
 (H. D. Adams, Clerk).
 Architect—F. Marion Stokes, 1301
 Terminal Sales Bldg., Portland.
 Low Bidder—Viesko and Hannaman,
 Salem, \$126,986. 15

Bids Wanted—To Close Dec. 14,
 8 P. M.
SCHOOL ADDITIONS Cost, \$75,000
SACRAMENTO, Cal. C. K. McClat-
 chy High School.
 Construction of additions to the main
 building and gymnasium build-
 ing.
 Owner—Sacramento City Unified Sch.
 District, Chas. C. Hughes, Secty.
 Architect—Starks and Flanders, 310
 Bank of America Bldg., Sacra-
 mento.
 Bonds recently voted, together with

PWA grant will finance construction. Plans and specifications may be obtained from the architect's office upon deposit of \$20.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the Administration Building of the Board of Education, 21st and L Sts., Sacramento.

CONTRACT AWARDED

LOS ANGELES, Cal.—Lovrich and Konjevod, 2835 Newell St., submitted low general bid to Los Angeles Board of Education at \$63,964, for construction of a one-story assembly hall building at the Florene Nightingale junior high school, 3811 N. Figueroa St., a PWA project. John C. Austin, architect, 603 Chamber of Commerce Bldg. 15

Bids Opened

SCIENCE BLDG. SONORA, Tuolumne Co., Calif. Two-story reinforced concrete classroom bldg., containing classrooms, science room and study hall. Owner—Sonora Union High School District. (F. Baer, Clerk). Architect—E. G. Ernst, 561 E. Harding Way, Stockton. Structural Engineer—F. W. Keilberg, 320 Market St., S. F. Low Bidder—C. A. Hillberg, 301 Cahill Ave., Turlock, \$72,200. Complete bids follow: C. A. Hillberg, Turlock\$72,200 L. S. Peletz, Stockton 79,400 O. J. Scherer & Co., Angels Camp 79,500 E. A. Howkins & Co., S. F. 81,900 Samuel Eyre, Stockton 80,458 Robert McCarthy, S. F. 87,178

Bids Opened

AUDITORIUM SONORA, Tuolumne Co., Calif. Two-story auditorium bldg., seating about 750 with music room, stage, orchestra, etc. Owner—Sonora Union High School District. (J. E. Baer, Clerk). Architect—E. G. Ernst, 561 E. Harding Way, Stockton. Structural Engineer—F. W. Keilberg, 320 Market St., S. F. Low Bidder—C. A. Hillberg, 301 Cahill Ave., Turlock, \$43,314. Complete bids follow: C. A. Hillberg, Turlock\$43,314 A. T. Beckett, Piedmont 49,143 O. J. Scherer & Co., Angels Camp 50,500 Samuel Eyre, Stockton 51,256 L. S. Peletz, Stockton 51,910 E. A. Howkins & Co., S. F. 53,800 Robert McCarthy, S. F. 54,438

BIDS WANTED

DELANO, Kern County, Calif.—Until Dec. 14, 8 P. M., bids will be received by the Delano Joint Union High School District, Wm. B. Smith, M. D., Clerk, for (1) kitchen equipment, (2) stage equipment and draperies and (3) auditorium chairs to be installed in Delano Joint Union High School Auditorium and Cafeteria Building, Delano, Calif.

Plans and specifications may be obtained from the office of Architect Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield, upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 10% of bid and will be opened in the office of the Delano Joint Union High School. (1115) 15

Plans Completed AUDITORIUM Cost, \$100,000 PATTERSON, Stanislaus Co., Calif.

Reinforced concrete auditorium and gymnasium building.

Owner—Patterson Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Plans awaiting approval of State Division of Architecture.

Bids Wanted — To Close December 9, 8:15 P. M.

SALINAS, Monterey Co., Calif. Alisal Elementary School.

One-story frame and stucco addition to contain three classrooms and auditorium.

Owner—Alisal Union Elementary School District, Leo V. Anderson, Clerk.

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Bonds recently voted together with PWA grant will finance construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8:25 P. M., Dec. 9, at the Alisal School House.

BIDS WANTED

SANTA BARBARA, Calif.—Until Dec. 6, 2 P. M., bids will be received by Santa Barbara Board of Education for the addition of a shower room to the high school in Santa Barbara. Plans and specifications may be obtained from Architect L. Keith Lockard, 117 E. De la Guerra St., Santa Barbara, upon deposit of \$25. Certified or cashier's check or bond for 5% required. Est. cost, \$32,000. 15

CONTRACT AWARDED

SAN FRANCISCO.—Iniald Floor Company, 600 Alabama Street, at \$31 awarded contract by the Department of Public Works, City Hall, for machine sanding floor of auditorium at Jackson Playground, at 17th and Carolina Sts., ready for finishing; approximately 1,600 sq. ft. 15

Bids Opened

AUDITORIUM SAN FRANCISCO, Portola Jr. High School, Girard St. bet. Burrows and Bacon Streets. General construction, mechanical equipment and plumbing and electrical work for construction of an auditorium building. Owner—City & County of San Francisco.

Architect—Charles H. Sawyer, City Architect, Room 265, City Hall.

Low Bidder—Monson Bros., 475 Sixth St., S. F., \$53,790.

Separate bids were received for (1) general construction, (2) mechanical equipment and plumbing and (3) electrical work.

Complete bids follow:

General Work
Monson Bros.\$53,790
De Luca & Son 57,192
Anderson & Ringrose 58,000
Central California Construction Co. 62,777
Mechanical Equip. & Plumbing
Scott Co., Inc., 243 Minna St.\$3,766
Skelly & Kohler 3,841
Alta Electric & Mechanical Co. 4,027
James A. Nelson Co. 4,140
Electrical Work
Crown Electric Co., 153 Eddy, \$4,994
Paragon Electric Co. 5,294
Globe Electric Works 5,505
G. H. Armstrong 5,582

CONTRACT AWARDED

FORT BRAGG, Mendocino Co., Cal. —Gill-Mann Co., 160 Second St., San

Francisco, at \$134,60 submitted low bid and awarded contract (subject to PWA approval) by the Fort Bragg Union High School District, Wm. G. Rowe, Clerk, for furnishing and installing of curtains for the auditorium stage and in the gymnasium at the Fort Bragg Union High School building. Total bids follow:

Gill-Mann Co., S. F.\$134,80
Walter G. Freddy, S. F. 146,500
Fred E. Turner, S. F. 163,667

Plans Approved

JUNIOR COLLEGE BLDGS. Cost, \$215,000

SACRAMENTO, Sacto. Co., Calif. Construction of four building units at the Junior College as follows:

Aeromatics Bldg. (\$50,000). Engineering shop bldg. (\$80,000). Homeconomics Bldg. (\$45,000). Cafeteria (\$30,000).

Owner—The City of Sacramento. Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Bonds recently voted together with PWA grant will finance construction.

Plans have been approved by the State Division of Architecture and will be submitted today to the PWA.

Bids will be asked shortly.

BIDS WANTED

GLENDALE, Ariz.—Until Dec. 5, 8:00 P. M., bids will be received by the Glendale Union High School District of Maricopa County, Ariz., for construction of a gym bldg. (including domestic science equipment in domestic science bldg.) and for the construction of an auditorium bldg., a PWA project. Plans and specifications may be obtained from Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of \$10. Certified or cashier's check for 5% required. Total est. cost \$87,000. 15

Award Recommended

SCHOOL OAKDALE, Stanislaus Co., Cal. West of Laurel Ave., bet. Magnolia and Poplar Streets.

Construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.

Owner—Oakdale Elementary School District. (J. J. Berry, Supt.).

Architects—Frank V. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

Low Bidder—John Hachman, P. O. Box 206, Stockton, \$198,000.

Award to low bidder was recommended subject to PWA approval. In recommending award, none of the alternates on which bids were submitted were considered. Complete total bids follow:

John Hachman, Stockton\$198,000
Azevedo Constr. Co., Sacto. 224,480
Treshitt-Shields & Fisher, Fresno 228,900
L. Ubel, Ripon 235,980
C. Elves Totten, Stockton 238,825
Dirwidd Constr. Co., S.F. 244,900
Richmond Constr. Co., Fresno 248,963

Contracts Awarded

AUDITORIUM SAN FRANCISCO, Portola Junior High School, Girard St. between Burrows and Bacon Sts.

General construction, mechanical equipment and plumbing and electrical work for construction of an auditorium building.

Owner—City & County of S. F. Architect—Charles H. Sawyer, City Architect, Room 265, City Hall.

General Const.—Monson Bros., 475 Sixth St., S. F., \$53,790.

Mechanical Equip. and Plumbing—
Scott Co., Inc., 243 Minna Street.
\$3,766.

Electrical Work—Crown Electric Co.,
153 Eddy St., \$4,994.

Award of contracts approved by
P.W.A.

Bids Wanted — To Close December
14, 2:30 P. M.
SCIENCE BLDG.

SAN FRANCISCO. Ocean and Phe-
lan Aves.
Construction of Science building at
the San Francisco Junior College.
Owner—City and County of S. F.
Architect—Miller & Pfleger, 380
Market St.

- Bids will be taken as follows:
(1) All work, including general con-
struction, mechanical equipment
and plumbing & electrical work;
(2) All work, general constr., only;
(3) All work, mechanical equipment
and plumbing, only;
(4) All work, electrical only.

Estimated Costs
General contract, mechanical equip-
ment and plumbing, and electrical
work, \$1,070,000. Deposit for plans
\$300.

- General construction only, \$715,000. Deposit, \$50.
- Mechanical equipment and plumb-
ing, \$210,000. Deposit, \$25.
- Electrical work, \$145,000. Deposit,
\$25.

Plans and specifications obtain-
able from City Architect, Charles E.
Sawyer, Room 265, City Hall. Work
must be completed within 360 days.

CONTRACT AWARDED

PHOENIX, Ariz.—C. L. Maddox,
P. O. Box 911, Phoenix, awarded con-
tract at \$16,585 for a 4-classroom
unit to be added to the Murphy Sch.,
Buickve Road and Lateral 14, near
Phoenix, for Maricopa county, a
PWA project. Orville A. Bell, archi-
tect, Heard Bldg., Phoenix. 15

Bids Wanted—To Close December 16,
8 P. M.

ADDITION Cost, \$25,000
SATINAS, Monterey Co., Calif.

One-story addition to the Sherwood
School to contain three class-
rooms and toilet rooms.
Owner—Salinas City School District.
Architect—Chas. E. Butler, 7 Win-
ham St., Salinas.

Structural Engineer—F. W. Kellberg,
320 Market St., San Francisco.
Plans and specifications may be
obtained from the architect's office
upon deposit of \$25.00.

Bids will be opened in the Board
Room, Salinas National Bank Bldg.,
Salinas.

Bids Wanted—To Close December 16,
8 P. M.

CATERERIA Cost, \$30,000
SATINAS, Monterey Co., Calif.

One-story cafeteria addition to the
Salinas Union High School.
Owner—Salinas Union High School
District (R. D. Case, Clerk).
Architect—Chas. E. Butler, 7 Win-
ham St., Salinas.

Structural Engineer—F. W. Kellberg,
320 Market St., San Francisco.
Plans and specifications may be
obtained from the architect's office
upon deposit of \$25.00.

Bids will be opened in the Board
Room, Salinas National Bank Bldg.,
Salinas.

Completing Plans Cost, \$60,000
SCHOOL

SATINAS, Monterey Co., Calif.
Construction of Unit No. 3, Junior
College, consisting of art room,
mechanical drawing room, elec-
trical domestic science and cafe-
teria rooms.

Owner—Salinas Union High School
District (R. D. Case, Clerk).
Architect—Chas. E. Butler, 7 Win-
ham St., Salinas.
Structural Engineer—F. W. Kellberg,
320 Market St., San Francisco.

Plans Being Figured—No Date Set.
SCHOOL Cost, \$185,000
VISALIA, Tulare Co., Calif.

Concrete, frame, and stucco school
building to contain 10 classrooms,
library, art room, domestic sci-
ence room, kitchen, cafeteria, mu-
sic room, general science room,
and gymnasium.

Owner—Visalia Elementary Sch. Dis-
trict.

Architect—Ernest J. Kump, Rowell
Bldg., Fresno.
Structural Engineer—F. W. Kellberg,
BIDS WANTED

320 Market St., San Francisco.

LOS ANGELES, Calif.—Until Dec.
14, 7:30 P. M., bids will be received

by the Redondo Union High School
District for a new home economics
and science bldg. to be built at
Redondo high school, a PWA project.
Separate bids will be taken for
general work, plumbing, heating and
electrical work. Plans and specifica-
tions may be obtained from the
architects, Allison & Allison, 1014
Edison Bldg., L. A., upon deposit
of \$50. Cost approx. \$200,000. 15

BIDS WANTED

LOS ANGELES, Calif.—Until Dec.
14, 11 A.M., bids will be received by

the University of California at Los
Angeles for the first unit of the
Life Sciences group to be built at
the university, a PWA project. Sepa-
rate bids will be taken for general
work, heating and ventilating, plumb-
ing, electric work and main sewer
work. Plans and specifications may
be obtained from the comptroller
at the school in West L. A. upon
deposit of \$50. Allison & Allison,
architects, 1014 Edison Bldg., Los
Angeles. Buildings will consist of
7 structures, a 4-story main bldg., a
Vivarium group of 5 small buildings,
and alterations to part of an exist-
ing physics and biology bldg., pro-
viding additional laboratory and of-
fice space. Cost approx. \$400,000. 15

BIDS WANTED

SAN GABRIEL, L. A. Co., Calif.—
Until Dec. 9, 7:30 P. M., bids will be

received by San Gabriel School Dis-
trict for construction of additions to
Washington, Lincoln and McKinley
grammar schools in San Gabriel, a
PWA project. Separate bids will be
taken for the three schools. Plans
and specifications may be obtained
at the district office, Washington
school, 300 N. San Marino Avenue,
San Gabriel, upon deposit of \$10 for
each set. Scott Quintin, architect,
Edison Bldg., Alhambra. 15

Bids Wanted—To Close Dec. 5.
SCHOOL BLDGS. Cost \$363,000

PORTLAND, Oregon.
Completion of south group of wings
of Oregon Medical School Bldg.,
including Medical Library, Audit
and Laboratory.

Owner—Board of Education, Oregon
Bldg., Portland.

Architects—Lawrence, Holford and
Allyn, Falling Bldg., Portland.
Plans and specifications available
from the architects. 15

Low Bidder
SCHOOL BLDG.

EUGENE, Ore. University of Ore-
gon campus.
Three-story brick classroom bldg.
Owner—State Board of Higher Edu-

cation, Charles D. Byrne, Secy.,
Oregon Bldg., Portland.
Architect—Lawrence, Holford, Allyn
& Bean, Falling Bldg., Portland.
Low Bidder—Stein Bros., Eugene,
Oregon, \$150,000. 15

BIDS OPENED

SAN FRANCISCO.—Panhandle
Carpet & Linoleum Co., 773 Divisa-
dero St., at \$93, submitted low bid to
the Dept. of Public Works, City Hall,
for laying mastipave in Room 16 at
Girls' High School.

Only other bids submitted by Mal-
ott & Peterson, at \$101.48. * 15

BIDS OPENED

SAN FRANCISCO.—A. M. Hardy,
736 Clementina St., at \$23,994 sub-
mitted low bid to the Department
of Public Works, City Hall, for gen-
eral construction, including mechani-
cal equipment and plumbing work,
and electric work for construction of
kindergarten buildings at Visitation
Valley School, Delta and Schwern
Streets. Complete bids follow:
A. M. Hardy.....\$23,994
M. E. Vukicevich..... 25,573
C. C. W. & H. Haun..... 28,481
De Luca & Son..... 28,748

BIDS WANTED

TUCSON, Ariz.—Until Dec. 7, 10:30
A. M., bids will be received by High
School District No. 1, Pima County,
Ariz., for a flood lighting system for
the high school stadium in Tucson.

Plans and specifications may be ob-
tained from Architect M. H. Sark-
weather, 40 W. Congress St., Tuc-
son, upon deposit of \$15.00. 15

CONTRACT AWARDED

LOS ANGELES, Cal.—Weymouth-
Crowell Const. Co., 2104 E. 15th St.,
awarded general contract by the Los
Angeles Board of Education at \$63,-
990 for a one-story reinf. conc. audi-
torium building to be built at the
Washington Irving Jr. high school,
3301 Marguerite St., a PWA project.
Edwin Bergstrom, architect,
1129 Citizens National Bank Bldg.

BIDS OPENED

SAN FRANCISCO.—Alta Roofing
Co., 976 Indiana St., at \$88, sub-
mitted low bid to the Dept. of Public
Works, City Hall, for re-roofing
(tar and gravel) toilet bldg., at Ex-
celsior School.

Only other bid submitted by the
J. W. Bender Roofing & Paving Co.,
at \$105. 15

BIDS OPENED

SAN FRANCISCO.—Wickwire-
Spencer Steel Company, 101 Town-
send St., at \$568.70, submitted low
bid to the Dept. of Public Works,
City Hall, for furnishing and in-
stalling chain link fence at Edison
School.

Complete bids were:
Wickwire-Spencer Steel Co. \$568.70
Anchor Post Fence Co. 575.39
Standard Fence Co. 590.17

BIDS WANTED

SAN FRANCISCO.—Until Dec. 9,
11:30 A. M., bids will be received
by the Dept. of Public Works, Rm.
251, City Hall, for construction of
Mission High School Athletic field,
18th St. bet. Dolores and Church
St. Est. cost \$55,000.

Plans and specifications obtain-
able from City Architect Chas. H.
Sawyer, Room 265, City Hall, upon
deposit of \$10.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 14,
2:30 P. M., bids will be received by
the Dept. of Public Works, Room
251, City Hall, for Kindergarten

Building at Glen Park School; est. cost, \$20,000.

Plans and specifications obtainable from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

BIDS WANTED

SAN FRANCISCO.—Until Dec 14, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, for general construction of an addition to Lawton Sch.; est. cost \$68,000.

Plans and specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$25.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 9, 11:30 A. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, for grading for 2nd unit of Samuel Gompers Trades Sch.; est. cost \$600.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.

To Ask Bids Shortly SCHOOL ADDITIONS

Cost, \$19,000
ARCADE, Sacramento Co., Calif.
Construction of additions to Arcade Elementary School.

Owner—Arcade Elementary School District, (Geo. W. Flecher, Clerk).
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Bids will be asked in about one week.

BID OPENED

SAN FRANCISCO, Cal.—American Seating Co., 207 Van Ness Ave. So., at \$96, submitted only bid to the Dept. of Public Works, City Hall, for blackboards at the Girls' High Sch.

Bids Wanted.—To Close December 14, 7 P. M.

SCHOOL Cost, \$185,000
VISALIA, Tulare Co., Calif.
Concrete, frame, and stucco school building to contain 10 classrooms, library, art room, domestic science room, kitchen, cafeteria, music room, general science room, and gymnasium.

Owner—Visalia Elementary School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

As previously reported, bids will be opened in the office of the high school.

Following have taken out plans:
Midstate Constr. Co., Pacific S.W. Bldg., Fresno.

Trevhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

F. W. Brown Constr. Co., 400 No. C. St., Madera.

Richmond Constr. Co., P. O. Box 52, Fresno.

Fisher & McNulty, Mattel Building, Fresno.

L. H. Hansen & Sons, P. O. Box 519, Fresno.

T. C. & W. H. Irwin, 908 Mildreda, Fresno.

W. W. Petley, 1426 La Brea, Los Angeles.

Andy Sordal, 722 Magnolia, Long Beach.

Eser Wickholm, 3924 El Segundo, Hawthorne.

Contract Awarded

DEMOLISH. Cont. Price, \$1,303
OAKLAND, Alameda Co., Cal. Grand and Perry Streets.

Demolition of the Lakeview School Annex.

Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland. (School Administration Bldg.).
Contractor—Pioneer Wrecking Co., 818 45th Ave., San Francisco.

16—BANKS, STORES AND OFFICES

Contracts Awarded
ALTERATIONS
SAN FRANCISCO, 141 Powell St.

Alter store into bar and cocktail lounge.

Owner—Withheld.

Architect—Williams & Grimes, Albert R. Williams, architect, 251 Post Street.

Interior Work—Fink & Schindler Co., 552 Brannan St.

Store Front—W. C. Tait, Inc., 883 Market St.

Bids in
ALTERATIONS
SAN FRANCISCO, Post and Kearny Streets.

Alterations to store front and store interior.

Owner—Oregon City Woolen Mills Company.

Architect—Williams & Grimes, Albert R. Williams, architect, 251 Post Street.

Bids are in and announcement will be made shortly.

Bids in
STORE Cost, \$. . .

SAN FRANCISCO, NW Larkin and Bush Streets.

One-story Class C store building on site of old Lurline Baths Bldg.

Owner—Safeaway Stores, Inc.

Engineer—Kaj Theill, 580 Market St. Announcement shortly.

Being Done By Day's Work
ALTERATIONS Cost, \$. . .

MODESTO, Stanislaus County, Cal. Boone-Arata Bldg.

Alterations to building to accommodate floral shop.

Owner—San Francisco Floral Shop.

Architect—Russell Guerne de Lappe, 1901 Downey Ave., Modesto.

Contract Awarded
BANK BLDG. Cost, \$. . .

SAN FRANCISCO, West Portal Ave. Approx. 145 ft. SW Vicente St.

One-story frame bank building.

Owner—American Trust Company.

Plans by Engr. Department of Owner Contractor—M. A. Little Co., 107 24th Avenue.

17—THEATRES

Sub Contracts Awarded
OAKLAND, Alameda Co., Calif. Hopkins and Brown Sts. Laurel Theatre.

One-story reinforced concrete theatre building to seat 875 persons.

Owner—State Wide Theatre Co.

Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contractor—Cabill Bros., Inc., 206 Sansome St., San Francisco.

Plumbing—Madden Plumb. & Heat. ing Co., 3130 San Pablo Avenue, Oakland.

Roof Trusses—Arch-Rib Truss Co., Ltd., 608 16th St., Oakland.

Reinforcing Bars—Ceco Steel Prod. Corp., 1280 Indiana St., S. F.

Placing Steel—J. Philip Murphy, 3901 Mission St., S. F.

Electric Work—Matson Elec. Equip. Co., 3781 Broadway, Oakland.

Structural Steel—Judson-Pacific Co., 609 Mission St., S. F.

Heating—Aladdin Heating Corp., 2222 San Pablo Ave., Oakland.

CONTRACT AWARDED

RIVERSIDE, Riverside Co., Calif.

—T. C. Pritchard, 5620 Magnolia Ave., Riverside, awarded contract for the construction of a motion picture theater, store and office building on the SW corner of Market and 12th Sts., Riverside, for Hunt Theaters and Fox West Coast Theaters. Approx. cost, \$88,000. S. Chas. Lee, architect.

19—MISC. CONSTRUCTION

COMPLETE BIDS

SISKIYOU, SHASTA, MODOC and LASSEN COS., Calif.—R. M. Taylor, Cottonwood, Calif., at \$1,992 submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District II, Redding, for erecting 12 radio poles, each 100 ft. long, at main tenance stations located at Mt. Shasta, Redding, Alturas and Susanville.

Complete bids follow:
R. M. Taylor, Cottonwood.....\$1,992
Thomas Rigging Co., Oakland.....2,187
Edward Green, Los Angeles.....2,280
M. A. Jenkins, Sacramento.....3,288
A. A. Tieslau, Berkeley.....3,870
Underground Const. Co., Oakland.....4,746
A. Young, Yreka.....5,760
19

BIDS REJECTED

COLUMBIA BASIN PROJ., Wash.

—Bureau of Reclamation, Washington, D. C., has rejected all bids received by Bureau of Reclamation, Coulee Dam, Wash., for construction of Leavenworth station for migratory fish control, Columbia Basin project, near Leavenworth, Washington; Spec. 804, Nat. McDougall Co., Portland, submitted low bid at \$272,718. 19

CONTRACT AWARDED

SISKIYOU, SHASTA, MODOC and JASSEN COS., Calif.—R. M. Taylor, Cottonwood, Calif., at \$1,992 awarded contract by the State Division of Highways, Sacramento, for erecting 12 radio poles, each 100 ft. long, at maintenance stations located at Mt. Shasta, Redding, Alturas and Susanville. 19

BIDS WANTED
WASHINGTON, D. C.—Until Feb. 2, bids will be received by the U.S. Navy Department, Washington, D.C., for the construction of a Navy Training Airship, not to exceed 325 feet in length, approx. 1,000,000 cu. ft.

Plans and specifications may be obtained from the above office upon the deposit of \$1,000. 19

CONTRACT AWARDED
WASHINGTON, D. C.—Federal Shipbuilding & Dry Dock Co., Kearny, N. J., at \$2,443,000 each, awarded contract by the U. S. Maritime Commission, Washington, D. C., for the construction of six cargo vessels. 19

BIDS WANTED
SAN FRANCISCO.—Until Dec. 13, 2 P. M., bids will be received by the Superintendent of Lighthouses, H. W. Rhodes, Room 424, Custom House San Francisco, under Pro. No. 0274, for docking, cleaning, repairing, and painting the Lighthouse Tender "Sequoia". Repair will include removal of present Scotch boilers, etc., and replacement of two water-tube boilers to be furnished by the Government; install water tanks; also repairs to crane.

Plans and specifications may be obtained from the above office. 19

December 1, 1938

BIDS OPENED

SAN BERNARDINO CO., Calif.—Baker Ice Machine Co., 351 S. Anderson St., L. A., at \$3440 submitted the low bid to the Metropolitan Water District for the construction of a refrigerating type cooling and elec. heating air conditioning system in control house at Intake pumping plant, located 18 miles N.E. of Earp, San Bernardino County. Other bids were: Cooling and Air Conditioning Division of P. F. Studevant Co., \$3490; Gay Engrg. Co., \$3959; J. Heman Co., \$4205; Refrigerating Equipment & Supply Co., \$4952; J. W. Sutphen Co., \$5071. * 19

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

MERCED, Merced Co., Calif.—J. W. Huffman, Merced, at \$515 per ton, awarded contract by the Merced City Council, W. T. Clough, City Clerk, City Hall, for furnishing approx. 450 tons of asphalt concrete pavement mix. * 20

BIDS WANTED

BURBANK, Los Angeles Co., Cal.—Until Dec. 13, 7:30 P. M., bids will be received by H. I. Stites, City Manager, Burbank, for furnishing job vicinity Reservoir No. 2, Burbank, miscellaneous redwood and cressoted D F lumber. * 20

BIDS OPENED

SAN FRANCISCO.—Yates - American Machine Co., 725 Bryant Street, San Francisco, at \$1,354.90, trade-in \$125, net, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2113 for furnishing one double tilting circular saw for the School Department. The Eby Manufacturing Co., at \$1,366, trade-in \$100, net, submitted the only other bid. * 20

BIDS OPENED

SAN FRANCISCO, Cal.—Readymix Concrete Co., Ltd., Carolina & Mariposa Sts., at \$6.45 per cu. yd., submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2115, for furnishing and delivering approx. 10,000 cu. yd. mixed concrete. (WPA). (1) free standing time; (2) excess standing time. Complete bids were: Readymix Concrete Co., Ltd., \$6.45 per cu. yd.; (1) 15 minutes; (2) \$3.50 hour. John Cassaretto Co., \$6.465; (1) 15 minutes; (2) \$3.50. Consumers Rock & Cement Co., \$6.52; (1) 15 minutes; (2) \$3.50. Bode Gravel Co., \$6.55; (1) 15 min.; (2) \$3.50. Golden Gate Atlas Material Co., \$6.63; (1) 15 minutes; (2) \$3.50. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Edward R. Bacon Co., 17th and Folsom Sts., S. F., at (1) \$4,547.13; and (2) \$6,047.13, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for one 45-h.p. gasoline-propelled, track laying type tractor with bulldozer and scraper. Bids taken on: (1) price including allowance for old tractor; (2) price without allowance for old tractor. * 20

BIDS OPENED

FORT MASON, Calif.—Following submitted bids to the Constructing Quartermaster, Major F. D. Jones,

Fort Mason, under Bid No. QM-W-6616-39-41, for furnishing all finished hardware for the construction of a War Department Theatre at the Presidio of San Francisco; f.o.b. above office. Complete bids follow. Lockwood Hdv. Co., Fitchburg, Mass., \$1,184.00, net. E. M. Hundley, S. F., \$1,224.00, net. Dunham, Carrigan & Hayden, S. F., \$1,499.00, 2% 30 days. Palace Hardware Co., S. F., \$1,311. 2% 30 days. * 20

MERCED, Merced Co., Calif.—Until December 5, 8 P. M. (postponed from November 21) bids will be received by the Merced City Council, W. T. Clough, City Clerk, City Hall, Merced, for furnishing Portland cement aggregate, as follows: (1) Approx. 500 c.y. coarse aggregate; (2) 300 c.y. fine aggregate. Plans and specifications may be obtained from the above office. * 20

CHICO, Butte Co., Cal.—Until December 6, 5 P. M., bids will be received by the Chico Board of Education, Frederick F. Martin, Clerk, Senator Theatre Bldg., Chico, for fuel oil and gasoline for the Chico School Dept.; fob storage tanks at schools. Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED
SAN FRANCISCO.—Port Costa Brick Works, 6th and Berry Sts., San Francisco, at (1) \$0.04275 sq. ft. submitted low bid and was awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, S. F., under Bid No. 868-39-156, for (1) 6,000 sq. ft. structural clay tile or (2) 6,000 sq. ft. structural light weight concrete tile; f.o.b. Fort Cronkhitte. Other bids were: Stockton Brick & Tile Co., at (1) \$0.05. Basalt Rock Co., at (2) \$0.04725. * 20

BIDS WANTED
STOCKTON, San Joaquin Co., Cal.—Until Dec. 13, 8:00 P. M., bids will be received by the District Health Officer of San Joaquin Local Health District, 615 East Washington Street, Stockton, for (1) furniture and office equipment, (2) laboratory equipment, (3) clinic equipment, and (4) awnings and venetian Blinds. Specifications on file at above office. * 20

BIDS WANTED
VENTURA CO., Calif.—Until Dec. 12, 10:00 A. M., bids will be received by the Ventura County Supervisors for furnishing supplies and equipment for Ventura county hospital. Spec. are on file at the office of the county purchasing agent in Ventura. The list includes Warner Life lamp, dressing carts, oxygen trunks, examining and treatment tables and pads, hospital beds, hospital mattresses, cribs, crib mattresses, pillows, bed guard rails, bassinette stand with baskets, bedside stands, metal chairs, wheel stretchers and pads, folding screens, solution stands, scales, hook truck, linen trucks, linen hampers, sanitary waste receptacles, mop trucks, medicine trays, office desks, office chairs, bed trays. * 20

BIDS WANTED
SAN FRANCISCO.—Pacific Pavements Co., Ltd., 85 Barstow, San Francisco, at \$2.77 per ton, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing and delivering 7,500 tons of asphaltic concrete wearing surface (WPA). Complete bids were: Pacific Pavments Co., Ltd., \$2.77. Eaton and Smith, 3.16. Pacific States Const. Co., 3.23. Charles L. Harney, 3.29. A. G. Ralsch, 3.59. Fay Improvement Co., 3.79. Lowrie Paving Co., 3.85. * 20

SAN FRANCISCO UNDER \$1000 PERMITS UNDER \$1000

ALTER dwelling, \$500; 1937 San Jose Ave.; owner, C. Spencer, preme contractor, H. J. Davies Co., 3846 Geary Blvd.
ALTER apts., \$600; NE 2nd Ave. and Fulton; owner, Wm. Evans, premises; contractor, T. M. Jones 643 29th Ave.; engineer, L. H. Nishkian, Underwood Bldg.
SIGN, electric, \$250; 1200 Webster; owner, 1200 Club, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER store, \$150; 44 Eelden St.; owner, V. Sangiacomo, Sonoma.
SIGN, electric, \$225; 5830 Geary St.; owner, Grand Upholstery Co., premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
ALTER dwelling, \$300; 2236 22nd St.; owner, Mary Hynes, 76 Laidley.
ALTER flats, \$800; 3059-65 Pine St.; owner, John Goltzeme, premises; contractor, Calif. Home Imp. Co., 893 9th St.
SIGN, electric, \$60; 914 Howard St.; owner, Klamath Hotel, 774 Howard St.; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$350; 2331 Mission; owner, New China Herb Co., 2331 Mission; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
GARAGE, frame, \$75; 46 Vienna St.; owner, J. R. Hamilton, 44 Vienna St.
ALTER laundry, \$500; 340 11th St.;

lengths: (1) 475,200 lbs. 1-in. round; (2) 945,120 lbs. 1½-in. square, for Colorado River project, owned by U. S. Indian Irrigation Service, Los Angeles, under Invt. 498, were (per lb.):

California Hardware Co., fob Parker, \$0.27, disc. ½ of 1% 20 days.
Columbia Steel Co., fob Parker, \$0.226; fob Torrance, \$0.19, disc ½ of 1% 10 days.

Pacific States Steel Corp., fob Parker, \$0.28, fob Niles, Calif., \$0.225, disc. ½ of 1% 10 days on basing point values less \$55 cwt.

Sheffield Steel Corp., fob Parker, \$0.282, fob Kansas City, \$0.183, disc. ½ of 1% 10 days on basing point value.

Bethlehem Steel Co., fob Parker, \$0.248, fob Los Angeles, \$0.212, disc ½ of 1% 10 days.

Truscon Steel Co., fob Parker, \$0.245, fob Emeryville, \$0.19, disc. ½ of 1% 10 days. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted identical bids at (1) \$6.30 and (2) \$4.25, 2% 10th prox., to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2113, for furnishing (1) track bolts and (2) spikes for the Municipal Railway. Bidders were:

Columbia Steel Co.; A. D. Shrader Iron Works; Bethlehem Steel Co.; Baker, Hamilton & Pacific Co.; Hyman-Michaels Co.; Gilmore Steel & Supply Company. * 20

BIDS OPENED

SAN FRANCISCO.—Pacific Pavements Co., Ltd., 85 Barstow, San Francisco, at \$2.77 per ton, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing and delivering 7,500 tons of asphaltic concrete wearing surface (WPA).

Complete bids were: Pacific Pavments Co., Ltd., \$2.77. Eaton and Smith, 3.16. Pacific States Const. Co., 3.23. Charles L. Harney, 3.29. A. G. Ralsch, 3.59. Fay Improvement Co., 3.79. Lowrie Paving Co., 3.85. * 20

SAN FRANCISCO UNDER \$1000 PERMITS UNDER \$1000

ALTER dwelling, \$500; 1937 San Jose Ave.; owner, C. Spencer, preme contractor, H. J. Davies Co., 3846 Geary Blvd.
ALTER apts., \$600; NE 2nd Ave. and Fulton; owner, Wm. Evans, premises; contractor, T. M. Jones 643 29th Ave.; engineer, L. H. Nishkian, Underwood Bldg.
SIGN, electric, \$250; 1200 Webster; owner, 1200 Club, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER store, \$150; 44 Eelden St.; owner, V. Sangiacomo, Sonoma.
SIGN, electric, \$225; 5830 Geary St.; owner, Grand Upholstery Co., premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
ALTER dwelling, \$300; 2236 22nd St.; owner, Mary Hynes, 76 Laidley.
ALTER flats, \$800; 3059-65 Pine St.; owner, John Goltzeme, premises; contractor, Calif. Home Imp. Co., 893 9th St.
SIGN, electric, \$60; 914 Howard St.; owner, Klamath Hotel, 774 Howard St.; contractor, Elec. Prod. Corp., 910 Harrison St.
SIGN, electric, \$350; 2331 Mission; owner, New China Herb Co., 2331 Mission; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
GARAGE, frame, \$75; 46 Vienna St.; owner, J. R. Hamilton, 44 Vienna St.
ALTER laundry, \$500; 340 11th St.;

owner, E. McAllister, 2939 Divisadero St.; contractor, George Wagner, 181 South Park.

DWELLING, 1-story frame, \$500; S Jerrold 225 W Donahue; owner and builder, Steve Monion, 12 Decatur St.

SIGN, roof, \$500; 1 Drumm Street; owner, General Petroleum, prem. contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

LOADING platform, \$500; 516 Townsend St.; owner, Schulker Bros., premises.

ALTER flats, \$200; 1192 Jackson St.; owner, John Bosco, premises.

ALTER dwelling, \$75; 83 Vicksburg; owner, E. Bradley, 832 Vicksburg.

GARAGE, frame, \$50; 1407 Galvez Ave.; owner, Jos. Bezzina, prem.

ALTER stores and dwellings, \$990; 1254 4th Ave.; owner, R. Shreve, premises; contractor, John Dal Bon & Son, 37 Valpariso St.

BARBER pole, \$40; 308 Columbus Ave.; owner, Barsoff & Nierl, 355 Columbus; contractor, Barber Supplies, 1134 Market St.

ALTER dwelling, \$180; 2407 23rd St.; owner, S. E. Secco, premises.

ALTER dwelling, \$392; 3340-42 16th St.; owner, H. E. Meiller, prem.; contractor, Donnelly Roofing Co., 652 Fulton St.

SIGN, electric, \$70; 600 Geary St.; owner, Tietjens, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER stores and flats, \$450; 800 Van Ness Ave. South; owner, J. Miller, c/o contractor, contractor, L. Salomon, 1734 Broadway.

ALTER restaurant, \$500; 1024 Kearny St.; owner, J. Scalabrino, 1024 Kearny; contractor, Amos Const. Co., 1850 Greenwich St.

SIGN, electric, \$25; NE Balboa and 39th Ave.; owner, Texas Co., Hearst Bldg.; contractor, Aetna Elec. Co., 1435 Eddy St.

ALTER flats, \$450; 239-41-43 Hugo St.; owner, Richard Schreve, 1252 4th Ave.; contractor, John Dal Bon & Son, 37 Valpariso.

FLUES, \$50; W 29th Ave. 225 S Cahill; owner, Tom Moeller, 657 28th Ave.; contractor, Walters Furnace & Sheet Metal, 2230 Market Street.

SIGN, electric, \$250; 458 Presidio; owner, The Place, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$800; 850 Rutland St.; owner, Abel Romero, prem.; contractor, United Roofing and Siding Co., 2906 Mission St.

ALTER dwelling, \$210; 1453-55 8th Ave.; owner, Chris Kovaech, 4127 Kirkham St.

ALTER dwelling, \$425; 545 Brussels; owner, Chas. Harriford, premises contractor, United Roofing & Siding Co., 2906 Mission St.

ALTER shop and warehouse, \$75; 1850 Greenwich St.; owner, R. P. Paoli, 2930 Lombard St.; contractor, Amos Const. Co., 1850 Greenwich St.

SIGN, electric, \$100; 215 Taylor St.; owner, Polly Dea Donut Shop, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER office, \$500; 2398 Alemany; owner, Baldwin and Howell, 318 Kearny St.; contractor, Adolph Anderson, 330 Hazelwood Ave.

ALTER dwelling, \$200; 405 Detroit St.; owner, Geo. Dolf, premises; contractor, Lloyd Const. Co., 2652 Harrison St.

ALTER dwelling, \$150; 3627 23rd St.; owner, Mr. Wulzen, premises; contractor, Irwin Co., 1040 Oak Street.

POLE, barber, \$20; 1803 Union St.; owner, Mr. Duncan, prem.

SIGN, electric, \$150; 419 Market St.; owner, Levin's, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

FLUE, \$235; 665 Haight St.; owner, Goldstein Realty Co., 252 Divisadero St.; owner, X. L. C. R. Gas Furnace Co., 183 West Portal Ave.

ALTER dwelling, \$232; 56 20th Ave.; owner, H. A. Nichols, premises; contractor, G. J. Elkington, Jr., 33 Sutro Heights Ave.

SIGN, electric, \$150; 385 Sutter St.; owner, Aubrey Jean, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$200; 455 10th Street; owner, Ronald Becker, premises; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$800; 1431 Santiago St.; owner, Mr. Miller, c/o cont.; contractor, Ira W. Coburn, 2048 Market St.

ALTER dwelling, \$750; 198 Seneca Ave.; owner, N. Rubin, prem.; contractor, Adolph Anderson, 330 Hazelwood Ave.

ALTER flats, \$115; 1529 Beach St.; owner, Adela Myers, prem.

SIGN, electric, \$150; 10 Fremont St.; owner, A. Brenner, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$300; 482 Ellis St.; owner, Tea Pot In, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

FLUES, \$77; 1900 Franklin; owner, F. C. Hotaling, 41 Sutter Street; contractor, Clow Gasteam Heating Co., 371 Mission St.

ALTER apt., \$125; 820 O'Farrell; owner, Sudemann & Schumacher, c/o contractor, contractor, A. L. Thulin, 63 Brady St.

ALTER flats, \$245; 80 Spencer Alley; owner, G. Karras, premises; contractor, Berg Bros., 854 35th Avenue.

SIGN, electric, \$200; 321 Mason St.; owner, Eli Ho Fountain, prem.; contractor, Drumfield Elec. Sign Co., 965 Folsom St.

ALTER store, \$90; 1102 Stockton St.; owner, Mr. Chan, premises; contractor, John Rogers, 2217 Fillmore St.

FLUE, metal, \$30; 2546 San Bruno; owner, M. Moorehouse, premises; contractor, General Fixture Co., 953 Mission St.

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$150; 2439 Grove Street, Berkeley; owner, N. Woodson, 1149 87th Ave., Oakland; contractor, G. Woodson, 1149 87th Ave., Oakland.

RE-ROOF, \$297; 1933 San Antonio, Berkeley; owner, W. H. Hansen, premises; contractor, American Roofing Co., 383 40th St., Oakland.

ALTERATIONS \$150; 2535 Telegraph Ave., Berkeley; owner, Greenhood, premises; contractor, T. Newton, 2535 Telegraph.

ALTERATIONS, \$75; 2140 Shattuck Ave., Berkeley; owner, American Trust Co., premises; contractor, O. R. Bliss, 311 Craft Ave.

ADDITIONS, \$250; 14 Mosswood Rd., Berkeley; owner and contractor, J. S. Hutchison, premises.

ALTERATIONS, \$300; 1620 Prince, Berkeley; owner, Mary R. Jackson, premises; contractor, Geo. Cristan, 1514 Prince.

RE-ROOF, \$150; 2009 Shattuck Ave., Oakland; owner and contractor, T. F. Conwill, 1520 Everett Ave.

REPAIR fire damage \$500; 2606 Bellevue, Berkeley; owner, L. Roth, premises; contractor, W. K. Van Bokkelen, 439 23rd St., Oakland.

RE-ROOF, \$336; 776 Spruce, Berkeley; owner, Rev. R. H. Peters, premises; contractor, American Roofing Co., 383 40th St., Oakland.

RE-ROOF, \$150; 1420 Derby Street, Berkeley; owner, L. Hedspeith, premises; contractor, American Roofing Co., 333 40th St., Oakland.

RE-ROOF, \$600; 2212 California St., Berkeley; owner, L. A. Ellis, premises; contractor, California Home Imp. Co., 329 26th Street, Oakland.

ALTERATIONS, \$850; 1790 Solano, Berkeley; owner, Mrs. M. Mitchell, premises; contractor, R. F. Johnson & Son, 560 36th Street, Oakland.

ALTERATIONS, \$600; 1782 Rose St., Berkeley; owner, J. Curtis, 118 Arlington; contractor, Juday's Pesticide Serv., 1507 Albany Ter.

GARAGE, \$100; 1911 Russell Street, Berkeley; owner, C. Ambrose; contractor, Wm. Neeland, 1946 Dwight Way.

GARAGE, \$300; 1250 Portland, Albany; owner and builder, G. W. Bellon, premises.

ALTER and repair, \$450; 2004 23rd Ave., Oakland; owner and contractor, J. F. Comacho, premises.

RE-ROOF, \$112; 633 36th St., Oakland; owner, Mrs. Emma Van Holtren; contractor, Sun Roofing Co., 3044 Blossom St.

ALTERATIONS, \$200; 78 Fairmount Ave., Oakland; owner and contractor, Ethel R. Blackburn, 78 Fairmount Ave.

RE-ROOF, \$250; 4343 Sequoyah Rd., Oakland; owner, F. M. Leslie; contractor, American Roofing Co., 383 40th St.

ALTERATIONS, \$670; 3824 Quigley St., Oakland; owner, F. M. Leslie; contractor, American Roofing Co., 383 40th St.

ADDITION frame, \$500; 2652 77th Ave., Oakland; owner, H. V. Bonnikson, prem.; contractor, Gene Van Ness, 4331 Masterson.

REPAIRS, \$55; 2609 Ivy St., Oakland; owner, I. Schonwald, 2609 Ivy Dr.; contractor, Rose Exterminator Co., 308 12th St.

ALTERATIONS, \$262; 524 33rd St., Oakland; owner, A. M. Rosenthal, premises; contractor, Dewey & White, 466 Central Avenue, Alameda.

ADDITION and alterations, \$300; 5993 Telegraph Ave., Oakland; owner and builder, R. C. Powell, 6122 Margarido Drive.

SIGN, electric, \$275; 3725 Hopkins St., Oakland; owner, J. Collins, premises; contractor, Ace Elec. Sign Co., 1243 E 12th St.

DAILY PACIFIC BUILDER

LARGEST
CONSTRUCTION
DAILY
IN THE
WEST

Published by

Stark-Rath

PRINTING AND PUBLISHING COMPANY

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------|
| 1.—Bridges | 30.—Reservoirs and Dams |
| 22.—Drainage, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Prof. | 32.—Sewers & Sewage Equipment |
| 24.—St. Light. Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & High ways | |

21— BRIDGES

CONTRACT AWARDED

ALPINE COUNTY, Cal.—Johnston Rock Co., Inc., Weber Ave. and "E" St., Stockton, at \$82,049.50 awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading and constructing a bridge on 3,239 miles of Section B of Rte. 87, the Clark Fork National Forest Highway, Stanislaus National Forest, Alpine County. * 21

COMPLETE BIDS

SEATTLE, Kings Co., Wash.—Following submitted bids to the State of Washington Toll Bridge Authority, Highway Building, Olympia, for construction of the Lake Washington Bridge, PWA Project 1180F.

Bridge will be a reinforced concrete pontoon bridge over Lake Washington between the City of Seattle and the northerly end of Mercer Island together with approaches on westerly end to and in City of Seattle to connection with existing city streets including approach tunnels and necessary grade separation structures and side road connection and approach on easterly end to and over Mercer Island across the easterly arm of Lake Washington and to a connection with existing secondary State Highway 2-A, including necessary grade separation structures and side road connections, a distance of about 6.65 miles in the City of Seattle, King Co.

Construction provided for in 11 units, as follows:

UNIT 1: Clearing, grading, draining, paving with Portland cement concrete, construction reinforced concrete bridges and complete lighting system on about 0.66 miles of city streets in City of Seattle, involving about 143,600 cu. yd. excavation, 29,800 sq. yd. cement concrete pavement, 642 tons steel reinf. bars, 4984 cu. yd. concrete, etc., \$400,000 available.

UNIT 2: Tunnels, clearing, grading, draining, paving with Portland cement concrete, constructing lighting system on about 0.48 miles of city streets involving about 111,300 cu. yd. tunnel excavation, 47,900 cu. yd. excavation, 25,850 cu. yd. concrete, 823 tons steel reinforcing bars, 3300 sq. yd. cement concrete pavement, etc. \$1,100,000 available.

UNIT 3: Reinforced concrete and structural steel bridge over city sts. and portions of Lake Washington, about 0.20 miles and effecting connections on westerly end of pontoon bridge provided for Unit 4, involving

about 1156 tons of structural steel, 466 tons of steel reinforcing bars, 1858 cu. yd. concrete, etc. \$400,000 available.

UNIT 4: Reinforced concrete pontoon bridge over Lake Washington for about 1.25 miles together with lighting system with mechanical and electrical system for operation of movable span involving about 46,774 cu. yd. concrete, 8040 tons steel reinf. bars, 1367 tons structural steel, etc. \$2,500,000 available.

UNIT 5: Reinforced concrete and structural steel bridge over portion of Lake Washington and on Mercer Island, about 0.18 miles effecting connection on easterly end of pontoon bridge to Mercer Island, involving about 991 tons of structural steel, 543 tons steel reinf. bars, 1853 cu. yd. concrete, etc. \$400,000 available.

UNIT 6: Clearing, grading, draining, paving with Portland cement concrete portion of approach highway on west side of Mercer Island, about 1.28 miles involving about 416,970 cu. yd. excavation, 69,030 sq. yd. cement concrete pavement, etc. \$400,000 available.

UNIT 7: Reinforced conc. grade separation structure on approach highway on Mercer Island, together with toll houses and administration building and lighting system in vicinity of toll plaza, involving about 5836 cu. yd. concrete, 740 tons steel reinforcing bars, etc. \$270,000 available.

UNIT 8: Clearing, grading, draining, and paving with Portland cement concrete portion of approach highway on east side of Mercer Island for about 1.46 miles, involving about 326,000 cu. yd. excavation, 47,600 sq. yd. cement concrete pavement and other items. \$370,000 available.

UNIT 9: Structural steel and reinforced concrete bridge over easterly arm of Lake Washington from Mercer Island to easterly side of Lake for about 0.26 miles and involving about 1693 tons of structural steel, 460 tons steel reinforcing bars, 6630 cu. yd. concrete, etc. \$500,000 available.

UNIT 10: Clearing, grading, draining and paving with Portland cement concrete a portion of approach highway on east side of Lake Washington for about 0.40 miles involving about 108,200 cu. yd. excavation, 22,800 sq. yd. cement concrete pavement, etc. \$160,000 available.

UNIT 11: Reinforced concrete viaduct on approach highway over Mercer Slough to connection with Secondary State Highway 2-A, about 0.49 miles involving about 13,850 cu.

yd. concrete, 1717 tons steel reinforcing bars, 380 tons of structural steel, etc. \$700,000 available.

Complete bids follow:

UNIT 1: Northwest Construction Co., Inc., Seattle, \$357,009.45.

Acme Construction Co. & Macri Bros., Seattle, \$358,760.40.
C. L. Creelman, Seattle, \$375,718.60.
L. Romano Eng. Co., Seattle, \$395,970.75.

H. H. Pomeroy and Co. Inc., and Parker Schram Co., Portland, \$406,886.30.

UNIT 2: Bates and Rogers Construction Corp., Chicago, \$1,422,737.11.

UNIT 3: No bids.

UNIT 4: General Constr. Co. and Columbia Constr. Co., Seattle, \$3,797,054.20.

UNIT 5: No bids.

UNIT 6: N. Florio Inc., Seattle, \$265,485.80.
Florio Bros. Inc., Seattle, \$265,742.80.

Acme Constr. Co. and Macri Bros., Seattle, \$271,640.55.
Erickson Paving Co., Seattle, \$275,428.27.

Goetz and Brennan, Seattle, \$281,692.10.
Northwest Construction Co., Inc., Seattle, \$283,343.20.

Elliott and Company Inc., Seattle, \$292,934.65.

L. J. Dowell, Inc., Seattle, \$318,019.50.

J. H. Pomeroy Co. Inc., and Parker Schram Co., Portland, \$360,560.45.

UNIT 7: Daily Construction and Engineering Co., Seattle, \$275,195.00.
H. H. Pomeroy and Co. Inc., and Parker Schram Co., Portland, \$295,258.50.

UNIT 8: N. Florio Inc., Seattle, \$253,151.30.
Acme Construction Co. and Macri Bros., Seattle, \$250,017.80.
Erickson Paving Co., Seattle, \$262,575.24.

Northwest Construction Inc., Seattle, \$266,912.55.
Goetz and Brennan, Seattle, \$275,973.60.

L. J. Dowell Inc., Seattle, \$302,644.10.

J. H. Pomeroy and Co. Inc., and Parker Schram Co., Portland, \$360,792.70.

UNIT 9: Puget Construction Co., Seattle, \$540,537.00.

L. Romano Eng. Co., Seattle, \$619,967.00.

UNIT 10: N. Florio Inc., Seattle, \$92,956.00.
Erickson Paving Co., Seattle, \$102,646.85.

Goetz and Brennan, Seattle, \$103,395.60.

James Coyle and Toney Romano, Seattle, \$105,153.90.
Acme Construction Co., and Macri Bros., Seattle, \$105,914.90.

L. J. Dowell Inc., Seattle, \$106,998.30.

J. H. Pomeroy & Co., Inc., and Parker Schram Co., Portland, \$139,018.40.

L. Romano Eng. Co., Seattle, \$151,164.10.

UNIT 11: Rumsey and Co., Seattle, \$609,175.

Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street

Sacramento • California

Bates and Rogers Constr. Co., Chicago, \$648,419.00.
 H. H. Pomeroy and Co. Inc., and Parker Schram Co., Portland, \$689,534.30.
 Arne Construction Co. and Macri Bros., Seattle, \$691,736.00.
 L. Romano Eng. Co., \$766,943.00.

COMBINED BIDS:
 Units 3, 5, and 9: Bates and Rogers Constr. Corp., Chicago, \$1,500,016.30.

Columbia Constr. Co. and General Constr. Co., Seattle, \$1,539,928.
 Units 2, 3, 4, 5 and 9: Columbia Constr. Co. and General Constr. Co., Seattle, \$6,826,876.80. 21

CONTRACT AWARDED

TULARE CO., Calif.—L. C. Clark, 503 W. Acaquia St., Visalia, at \$2,510.00, awarded contract by the Tulare County Board of Supervisors, Gladys Stewart, Clerk, Court House, Visalia, for the construction of a reinforced concrete bridge across Deer Creek, located on the East line of Section 3, and also being approx. 5½ miles west of the town of Terra Bella, Tulare Co.

Complete bids will be published shortly. 21

AWARD RECOMMENDED

SAN DIEGO, Calif.—Daley Corp., 4430 Boundary St., San Diego, at \$85,975.31 recommended for award of contract by the United States Bureau of Public Roads, Federal Office Bldg. Civic Center, San Francisco, for about 3,239 miles grading, constructing bridges and Type B-1 road mix surface course on Section A (3) of Federal Lands Highway Project No. 5, Kane Springs-Oceanside Highway, Pala Indian Reservation, San Diego County. 21

BIDS WANTED

FRESNO COUNTY, Cal.—Until December 13, P. M., bids will be received by the State Division of Highways, E. T. Scott, District Engineer, District VI, Fresno, for five bridges to be repaired across San Joaquin River Overflow, about eight miles east of Mendota (VI-Fre-41-P), Fresno County.

Plans and specifications may be obtained from the above office. 21

CONTRACT AWARDED

TULARE CO., Calif.—L. C. Clark, 503 W. Acaquia St., Visalia, at \$2,510 awarded contract by the Tulare County Board of Supervisors, Gladys Stewart, Clerk, Court House, Visalia for the construction of a reinforced concrete bridge across Deer Creek, located on the East line of Section 3, and also being approx. 5½ miles west of the town of Terra Bella, Tulare County.

Total bids follow:
 L. C. Clark, Visalia, \$2510.00
 F. Fredenburg, South S. F., 2928.00
 J. E. Anderson, Visalia, 2997.00
 C. R. Gurdy, Porterville, 3168.38
 R. Hodgson & Son, Porterville 3498.57 21

CONTRACT AWARDED

STATE OF WASHINGTON.—Pacific Bridge Co., 333 Kearny St., San Francisco; General Const. Co., and Columbia Const. Co., Seattle, at \$5,949,730.40 (bidding jointly) awarded contract by the State of Washington Toll Bridge Authority, L. V. Murrow, Director of Highways, Olympia, for construction of a suspension bridge over Puget Sound, adjacent to the City of Tacoma, in Pierce County, known as Tacoma Narrows, together with incidental approach work. 21

LOW BIDDER

ORANGE CO., Calif.—Franzini & Fredenburg, P. O. Box 294, San Rafael, at \$12,415.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing an overhead crossing over the Atchison, Topeka & Santa Fe Railway about one-half mile north of Galivan (VII-Or-2B), Orange County.

Complete bids will be published shortly. 21

BIDS OPENED

TUCSON, Pima Co., Ariz.—M. M. Sundt Const. Co., Box 244, Tucson, submitted low bid to Pima County Supervisors at \$23,497.90 for construction of bridge across the Rillito creek on the Sabino Canyon Road, to be steel and concrete construction with steel girders and piling and concrete floor; the structure will be 22 ft. wide and 264 ft. in length.

Other bids were:
 H. L. Hayden, Phoenix, \$23,561.88
 Lewis Bros., Phoenix, 25,770.94
 Pearson & Dickerson, Prescott, 25,920.12
 Martin Const. Co., Tucson, 25,940.63
 H. F. Brown Const. Co., Tucson, 28,584.07 21

BIDS OPENED

RIVERSIDE CO., Calif.—White & Wilberg, 1424 4th St., Santa Monica, submitted low bid to Riverside Co. Supervisors, Nov. 28, at \$78,806.70, for construction of the Pedley bridge on the Santa Ana River on the Arlington-Pedley Road, a PWA project

The total bids were:
 White and Wilberg, Santa Monica, \$76,806.70.

S. A. Cummings, San Diego, \$79,115.50.

G. E. Kern, Long Beach, \$93,586.
 Byerts & Dunn, L.A., \$95,486.
 R. M. Price, Huntington Park, \$97,829.60.

Baruch Corp., L.A., \$109,667.10.
 Morrison-Knudsen Co., L.A., \$122,056. 21

CONTRACT AWARDED

VENTURA COUNTY, Calif.—Griffith Company, 502 Los Angeles Rwy. Bldg., Los Angeles, at \$50,143.00, awarded contract by the State Division of Highways, Sacramento, for construction and repairing bridge across Santa Clara River at Barsdale, consisting of construction of a reinforced concrete girder approach composed of four 51-ft. spans, one 47-ft. 3-inch, one 43-ft. 9½-inch and one 17-ft. span on concrete bents with pile foundations and grading and surfacing roadway approaches with plant mix surfacing, Ventura County, Calif. 21

22—DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

MADERA COUNTY, Calif.—Volpa Bros., Fresno, at 29c per c.y., submitted low bid and was awarded contract by Madera County Board of Supervisors, L. W. Cooper, County Clerk, Court House, Madera, for the purchase of not less than 12,000 cu. yds. and not more than 20,000 cu. yds. of sand to be taken from the head of the San Joaquin river near the town of Firebaugh and dumped on the portion of the Firebaugh road lying between Section 28, Township 12 South, Range 14, East, etc., Madera County.

Complete bids follow:

Volpa Bros., Fresno, 29c per c.y.
 Merie Adams and Chas. W. Begull Millbrue, 31c per c.y., and 1½ discount in 10 days after statement is presented.

Oranges Bros., Stockton, 31c per cu. yd.

Hayward Bldg. Supply Co.: 32½¢ per c.y.

C. E. Huls, Merced, 37c per c.y.
 Steward & Nuss, Inc., Fresno, 37½¢ per c.y.

W. C. Railing, Menlo Park, 39c per cu. yd.

Geo. H. Rees, Menlo Park, 49c per cu. yd.

H. Sykes, Patterson, 50c per c.y.
 Ivor J. Jones, Napa, 73½¢ per c.y. 22

BIDS OPENED

COOS COUNTY, Ore.—Kern and Kibbe, Portland, Oregon, at \$622,884 submitted low bid to the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-202, for repairing the north jetty at the entrance to Coos Bay, requiring the construction of tramways, and the furnishing and placing of about 225,000 tons of jetty stone and 2030 cu. yd. of cement concrete, Coos County, Oregon.

Columbia Construction Co., Inc., Westport, Wash., at \$766,356.50, submitted the only other bid. Contracting Officer's estimate, \$670,630. 22

BIDS OPENED

BOISE PROJECT, Idaho.—Henry L. Horn, Caldwell, Idaho, at \$12,527.50 submitted low bid to the U. S. Bureau of Reclamation, Boise, under Spec. No. 1133-D, for construction of earthenwork Black Canyon canal laterals 24.8 and 26.2 and "A"-line canal laterals 2.0 to 9.4. Payette Division, Boise Project, Idaho.

Other bids were:
 Geo. B. Henly Const. Co., Ontario, Ore., \$13,415.00.

J. A. Terteling & Sons, Boise, Ida., \$13,942.50. 22

CONTRACT AWARDED

LINCOLN CO., Ore.—Kern & Kibbe, Portland, at \$628,425 awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-165, for repairing and extending the north jetty at the entrance of Yaquina Bay, requiring the construction and repairs of tramways, furnishing and placing of about 180,000 tons of stone and about 6400 cu. yd. of cement concrete, Lincoln Co., Ore. Contracting Officer's est., \$527,061. 22

23—CANALS

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until December 12, 2:30 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, Stanislaus County, for the construction of concrete lining, concrete pipe, and concrete structures, in the canals and service ditches of the Modesto Irrigation District.

Plans and specifications may be obtained from the above office. 23

BIDS WANTED

ORANGE CO., Calif.—Until Dec. 12, 2:00 P. M. bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, Dist. VIII, 808 State Bldg., Civic Center, Los Angeles, for construction of a reinforced concrete channel protection at Brea Canyon about 5

miles northeast of Fullerton, (VII-ORA-19-A), Orange County.
Plans and specifications may be obtained from the above office. * 23

24—STREET LIGHTING

BIDS WANTED

WATSONVILLE, Santa Cruz Co., Calif.—Until Dec. 6, 7:30 P. M., bids will be received by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, Watsonville, for erecting complete two neon electric signs at points to be designed by the City Engineer of Watsonville.
Plans and specifications may be obtained from the above office. * 24

25— MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith 715 Ocean Ave., at \$7.88 per hour, net, submitted low bid and awarded contract by the District Engineer, U. S. Engineer Office, 401 Custom House San Francisco, under Bid No. 868-39-155, for furnishing and operating one diesel powered tractor and hauling scraper, for excavating approximately 5000 cu. y. of sand and moving it an average distance of approximately 1000 feet.
Guerin Bros., at \$9.40 per hour, net, submitted the only other bid. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 15, 2 P. M., bids will be received by the Los Angeles Water & Power Purchasing Agent for oil circuit breakers; Spec. 2763, as follows:
I—4 287,500-volt, 1200-amp., 2,500,000-kva, interrupting capacity, 3-cycle interrupting time, 3 pole, single throw, automatic, trip free, 250-volt DC operated, oil circuit breakers furnished complete with current transformers and oil:
(a) fob cars bidder's factory for lump sum;
(b) 2 circuit breakers for cars Silver Lake, Calif., and 2 circuit breakers for cars Victorville, all four circuit breakers for a lump sum;
II—2 138,000-volt, 1200-amp., 60-cycle 2,500,000 - kva interrupting capacity, 3 cycle interrupting time outdoor type, 3 pole, single throw elec operated, oil circuit breakers complete with oil;
(a) fob cars bidder's factory for lump sum;
(b) fob cars, L. A., lump sum;
III—4 138,000-volt, 1200 amp., 60 cycle 2,500,000 - kva interrupting capacity, 5 cycle interrupting time, outdoor type, floor mounted, 3-pole, single throw, elec. operated oil circuit breakers:
(a) fob cars bidder's factory for lump sum;
(b) fob cars, L. A., lump sum;

OPTIONS

I—To purchase 2 additional 287,500-volt breakers within 120 days after award:
(a) fob cars bidder's factory;
(b) fob cars Boulder City, Nev.
II—To purchase one complete unit for spare unit at time of purchase:
(a) and (b) fob cars Victorville. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for the rental of a portable combination welding unit for acetylene torch cut-

ting and electric welding in connection with work in Orange county, opened by the State Highway Dept., Los Angeles, were:

Cliff Hughes, 1708 S. Union St., Santa Ana—(1) cutting with acetylene torch, \$2 per hour; (2) electric welding, \$2 per hour.
Warren Hodges, Anaheim—(1) \$2.25, (2) \$3.
L. L. Nicholson, Santa Ana—(1) \$2.65, (2) \$2.80.
B. & T. Welding Co., Santa Ana—(1) \$2.85, (2) \$2.85. * 25

BIDS WANTED

OAKLAND, Calif.—Until Dec. 12, 4:30 P. M., (postponed from Dec 5), bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing and installing low list draining pump for Oakland Airport.
Plans and specifications may be obtained from the above office. * 25

BIDJ WANTED

BONNEVILLE, Oregon.—Until December 6, 10:30 A. M., bids will be received by J. D. Ross, Administrator, Bonneville Project, 1300 N. E. Union, Portland, Ore., under Bid No. 74, for 2 type B towers; 2 type C towers; 5000 lbs. additional steel; f.o.b. bidder's shipping point and/or Bonneville.
Plans and specifications may be obtained from the above office. * 25

LOW BIDDERS

WASHINGTON, D.C.—Orton Crane and Shovel Co., Chicago, at \$273,617, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8982, for eight 40-ton and five 30-ton locomotive cranes, standard-gauge eight-wheel type, operated by gasoline engines or diesel engines at the Navy Yards, Mare Island, Calif., Philadelphia, Pa., Portsmouth, N. H., Norfolk (Portsmouth), Va., New York (Brooklyn, N. Y., Boston, Mass., Charleston, S. C., and Puget Sound (Bremerton, Wash.). Est. cost, \$325,000.
Other low bidders were:
Ohio Locomotive Crane Company, Bucyrus, Ohio, \$280,870.
Industrial Brown Hoist, Bay City, Mich., \$288,440. * 25

CONTRACTS AWARDED

COLUMBIA BASIN PROJ., Wash.—Contracts for turbines and governors for Grand Coulee power plant, Columbia Basin proj., Wash.; Spec. 786, have been awarded by Bureau of Reclamation, Washington, D. C., as follows: Newport News Shipbuilding & Dry Dock Co., Newport News, Va., three 150,000-h.p. turbines at \$1,477,200 fob Newport News; Woodward Governor Co., Rockford, Ill., three oil pressure actuator type governors with pump equipment for regulating speed of turbines at \$67,854.00. * 25

CONTRACT AWARDED

COLORADO—Big Thompson Proj., Colo.—Newport News Shipbuilding & Dry Dock Co., Newport News, Va., has been awarded contract by Bureau of Reclamation, Washington, D. C., at \$128,470 for three 11,500-h.p. turbines for the Elephant Butte power plant and at \$97,790 for two same for the Green Mt. power plant; Woodward Governor Co., Rockford, Ill., the contract at \$35,919 for three governors for Elephant Butte power plant, and at \$23,946 for two same for Green Mt. power plant, Colorado—Big Thompson project. * 25

BIDS OPENED

LOS ANGELES Cal.—H. & J. Truck Co. and Belyea Truck Co. submitted identical bids to State Highway Department, Los Angeles, for rental of low bed trailer equipment. The bids were: 15-ton maximum net load, \$5.50 hour; 15 to 24 ton net load \$6 hour; 24 to 40 ton net load \$7 hour; over 40 tons net load, \$8; all standby time \$4.00 hour. * 25

BIDS OPENED

FORT MASON, Calif.—Healy-Tibbitts Constr. Co., 110J Evan Street, S.F., at \$123.00 per month, submitted low bid to the Constructing Quartermaster, Major F. D. Jones, Fort Mason, under Bid No. QM-6616-39-42, for the rental of one Gasoline hoist, bucket and hopper; f.o.b. Presidio of San Francisco.

Complete bids follow:

Healy-Tibbitts Constr Co., \$123.00 per month.
Eaton & Smith, \$140.00.
Edward R. Bacon Co., \$175.00.
Industrial Equip. Co., \$325.00. * 25

LOW BIDDER

SAN DIEGO, Calif.—Diesel Motor Sales & Service Co., 2331 E. Olympic Blvd., Los Angeles, at \$5633 submitted low bid to Bureau of Yards & Docks, Navy Dept., Washington, D. C., for Diesel engine-driven generator for destroyer base, San Diego; Spec. 8963. * 25

CONTRACT AWARDED

BOULDER CANYON PROJECT—Hendrie & Bolthoff M. & S. Co., Denver, at \$46,000 awarded contract by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1126-D, for furnishing and delivering a 10-ft., 16-ft., extension, motor-driven, vertical boring mills for installation in the Boulder Power Plant, Boulder Canyon Project; fob shipping point and/or Boulder City, Nev. Boring mill will be installed by the Government. * 25

27—WPA PURCHASES, RENTALS

November 30, 1938

CONTRACT AWARDED

SAN FRANCISCO—Monolith Portland Cement Co., at \$26,920, awarded contract by the U. S. Treasury Dept., 49 Fourth St., San Francisco, under Bid No. 6341, for furnishing 20,000 bbls. of Portland cement for use at various points on WPA projects.
The bid of Monolith Portland Cement Co. was \$1346 per bbl., net, f.o.b. Monolith, Kern County.
Bids on contracts for hauling the cement were taken recently and are under consideration by Treasury Department officials. * 27

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

LOS ANGELES, Cal.—Parish Bros. Eldridge, at \$32,657.00 awarded contract by the Colorado River Indian Irrigation Project, Los Angeles, Nov. 25 for reconstruction and resurfacing with oil road mix to approx. 2 miles of Metropolitan Water District highway, two miles east of Earp, Calif. Inv. 497. The proposed work consists of reconstruction and raising of approximately 11,000 ft. of highway necessary because of the installation of the diversion dam for the Colorado River project and involves relocation of 4700 ft. of highway and raising of the grade of

6300 ft. The construction is in two different locations, the first two miles above Earp and involves relocation of 4700 ft. of highway and raising 2200 ft. of roadway; the second part is located 13,000 ft. upstream from the first location and consists of raising the road surface of approx. 4100 ft. of highway. Contractor will do all earthwork, including all fill, excavation of all classes of material and install all road surf.; government will install necessary culverts, including head walls.

BIDS WANTED

CLARK COUNTY, Nevada.—Until December 19, 2:15 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, for the construction of approximately 14.37 miles of highway in Clark County, from a point approximately 1 1/2 mi. north of Searchlight to a point approximately 20 miles south of railroad pass, Route 5, Section B, Clark County, Nev.

- Work Involves:
- (1) 93 acres clearing;
 - (2) 109,120 c.y. rdwy. excav.;
 - (3) 1320 cu. y. drainage excav.;
 - (4) 188 sta. "V" type ditches;
 - (5) 1062 c.y. borrow;
 - (6) 145,860 yd. sta. overhaul;
 - (7) 970 yd. ml. overhaul;
 - (8) 790 cu. y. struc. excav.;
 - (9) 1420 c.y. backfill;
 - (10) 14.37 miles subgrade, type C;
 - (11) 14 M. gals. water;
 - (12) 77420 tons gravel surface;
 - (13) 150 tons liquid asph. type RC-2 (seal);
 - (14) 950 tons do, type SC-3 or SC-4 (roadmix);
 - (15) 14.37 miles roadmix;
 - (16) 7 each roadmix intersections;
 - (17) 128 cu. y. Class B concrete;
 - (18) 3890 lbs. reinf. steel;
 - (19) 532 lf. 18-in. corr. metal pipe (dipped);
 - (20) 1576 lf. 24-in. do;
 - (21) 96 lf. 30-in. do;
 - (22) 230 lf. 36-in. do;
 - (23) 110 each culvert markers;
 - (24) 74 each guide posts;
 - (25) 54 each monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada, and from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10, of which \$5.00 will be refunded.

BIDS OPENED

SPARKS, Washoe Co., Nev.—Union Paving Co., Babcock Bldg., S.F., submitted low bid to City of Sparks, Nev., at \$24,527.70, for improving city streets as follows:

- 7,000 c.y. excav. (roadway);
 - 30,000 sta. yds. overhaul;
 - 2,000 yd. mile overhaul;
 - 39,054 sq. yds. prepare base;
 - 6,000 tons mineral aggreg. (plant mx'd surf.);
 - 300 tons liquid asph. SC-6 (plant mx'd surf.);
 - 70 tons liquid asph. MC-1 (prime coat);
 - 35 tons emulsified asphalt (seal coat);
 - 10 each adjust manholes to grade.
- The other bids were:
- J. A. Casson, Hayward \$24,900.40
 - Isbell Constr. Co., Reno 27,397.70
 - Dodge Constr. Co., Fallon 28,994.32
 - Nevada Rock and Sand Co., Reno 34,850.40
 - N. H. Kearns, city engineer.

BIDS OPENED

SAN FRANCISCO.—The Fay Improvement Co., 760 Market St., at

\$7,813.80 submitted the low bid to the Department of Public Works, Room 251, City Hall, for the improvement of LaSalle Ave. bet. Mendell and 3rd St. Est. cost, \$9,200.

Work involves:

- (1) 1100 cu. y. grading (excavation);
- (2) 500 cu. y. grading (fill);
- (3) 730 lf. unarmored conc. curb;
- (4) 360 sq. ft. 2-course conc. sidewalk;
- (5) 17,300 sq. ft. 6-in. Class E conc. pavement;
- (6) 1,000 sq. ft. asphalt-conc. pavement consisting of 6-in. Class E 5-sack concrete base and 2-in. asphalt concrete wearing surface;
- (7) 15 tons asphaltic concrete conform pavement;
- (8) 1200 sq. ft. asphaltic concrete wearing surface removed;
- (9) 200 sq. ft. 8-in. Class E 5-sack concrete parking lane;
- (10) 600 sq. ft. existing conc. parking lane pavement removed;
- (11) 3 brick manholes complete;
- (12) 2 brick catchbasins, complete;
- (13) 60 lf. 10-in. VCP culvert, in place;
- (14) 42 lf. 12-inch VCP sewer, in place;
- (15) 330 lf 8-in do;
- (16) 26 lf 8x6-in. Y branches, in place;
- (17) 676 lf. 6-in. VCP side sewer, in place;
- (18) 26 water services;
- (19) 345 lf. water main.

Total bids follow:

- (A) The Fay Improvement Co., San Francisco, \$7,813.80.
- (B) Eaton & Smith, San Francisco, \$8,635.90.
- (C) Charles L. Harney, San Francisco, \$8,770.40.
- (D) A. J. Ralsch, San Francisco, \$10,943.30.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) . . . . .	.45	.25	.46	.40
(2) . . . . .	.05	.01	.10	.10
(3) . . . . .	.55	.55	.60	.65
(4) . . . . .	.15	.14	.16	.16
(5) . . . . .	.19	.21	.20	.28
(6) . . . . .	.21	.21	.25	.28
(7)	4.50	6.00	5.40	6.00
(8) . . . . .	.03	.06	.12	.07
(9) . . . . .	.24	.30	.34	.28
(10) . . . . .	.04	.05	.30	.10
(11)	88.00	100.00	100.00	115.00
(12)	82.00	100.00	100.00	95.00
(13)	1.30	2.00	1.35	1.50
(14)	3.00	5.00	3.00	12.00
(15)	1.10	2.00	1.30	2.80
(16)	1.50	2.00	1.00	2.00
(17) . . . . .	.80	1.00	1.15	1.20
(18)	15.00	15.00	15.00	15.00
(19)	1201.00	1201.00	1201.00	1201.00

BIDS OPENED

SIERRA AND NEVADA COUNTIES, Calif.—Fredericksen & Westbrok, P. O. Box 135, Lower Lake, at \$14,977.15, submitted low bid to the U. S. Bureau of Public Works, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for constructing road mix surface course on 7.948 miles of Sections B and C, Route 22, Sierraville-Hobart National Forest Highway Tahoe National Forest, Sierra and Nevada counties.

Work Involves:

- (1) 7.948 miles SC-1 road mix surfacing laid;
- (2) 705 tons outback asphalt MC-3 for Class C (road mix);
- (3) 50 tons outback asphalt RC-2 for Class C (real);
- (4) 76 culvert markers.

Total bids follow:

- (A) Fredericksen & Westbrok, Lower Lake, \$14,977.15.
- (B) Acme Transportation, Inc., Oakland, \$15,450.75.
- (C) J. A. Casson, Hayward, \$15,527.
- (D) Hayward Building Supply Co.,

- Hayward, \$15,547.25.
- (E) J. P. Breen, Sacramento, \$15,902.00.
- (F) A. A. Tieslau, Berkeley, \$16,260.02.
- (G) Oilfields Trucking Co., Bakersfield, \$16,349.88.
- (H) Harms Bros., Sacramento, \$16,995.45.
- (I) Mountain Constr. Co., Sacramento, \$17,603.47.
- (J) Garcia Constr. Co., Irvington, \$18,053.70.
- (K) Claude C. Wood, Lodi, \$20,076.40.
- (L) Isbell Constr. Co., Reno, Nev., \$21,762.40.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$550.00	\$13.55	\$16.50	\$3.00
(B)	500.00	14.75	17.00	3.00
(C)	500.00	15.00	15.00	3.00
(D)	500.00	14.85	16.00	4.00
(E)	650.00	13.96	14.82	2.00
(F)	490.00	16.10	16.50	2.50
(G)	649.50	14.33	17.90	2.50
(H)	650.00	15.25	17.00	3.00
(I)	640.00	16.25	16.65	3.00
(J)	650.00	16.50	17.50	5.00
(K)	800.00	18.00	18.00	3.00
(L)	800.00	20.00	20.00	4.00

AWARD RECOMMENDED

GLENN CO., Calif.—J. P. Breen, P. O. Box 152, Sacramento, at \$8,172.50 recommended for award of contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treatment on 15.5 miles, Section B, Route 7, Mendocino By-Pass National Forest Highway, Mendocino National Forest, Glenn Co.

BIDS WANTED

PHOENIX, Ariz.—Until Dec. 5, 7:30 P. M., bids will be received by the Phoenix city commission for improving portions of 17th Ave. from Van Buren St. to Fillmore St.; Resolution of Intention No. 6752, in accordance with plans and specifications prepared by James Girand, city engineer. Copies of the plans may be obtained upon deposit of \$5, returnable. Bid bond for 10% must accompany each proposal.

CONTRACT AWARDED

SERRA CO., Calif.—Fredericksen & Westbrok, P. O. Box 138, Lower Lake, at \$44,364.40 awarded contract by the U. S. Bureau of Public Roads, District Engineer, C. H. Sweetser, Federal Office Bldg., Civic Center, San Francisco, for grading Section A of Route 25, the Calpine-Clio National Forest Highway, Tahoe and Plumas National Forests, Sierra Co., a distance of 2.906 miles.

BIDS OPENED

SAN JOSE, Santa Clara County, Calif.—A. J. Ralsch, Jr. de Haro St., San Francisco, submitted the only bid to the San Jose City Council, City Clerk, City Hall, for the improvement of portions of Topeka Ave. from the N. property line of Trace Park subdivision in the City of San Jose.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—Match Bros., Esinore, at \$70,345, awarded contract by the State Division of Highways, Sacramento, for about 1.4 miles of grading and paving with Portland cement concrete at San Martinez Chiquito Canyon, Los Angeles County.

CONTRACT AWARDED

PERSHING AND HUMBOLDT COUNTIES, Nev.—Fredericksen & Westbrok, P. O. Box 135, Lower Lake, at \$217,298.05, awarded contract by the State of Nevada Direc-

tors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for reconstruction of approx. 7.86 miles of state highway from a point approx. 0.3 mile southwest of Pershing, Humboldt County line to a point approx. five miles southwest of Winnemucca, Route 1, Sections E, A1, and A2, in Pershing and Humboldt Counties.

Silver State Construction Co., Inc., Fallon, at \$218,342.90, submitted second low bid.

Complete bids will be published shortly. * 29

CONTRACT AWARDED

ELKO COUNTY, Nev.—W. W. Clyde & Co., Springville, Utah, at \$32,329.84, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nev., for construction of approx. 4.79 mi. of the state highway system from a point approx. 5 miles south of North Fork to North Fork, Route 43, Sec. E, Elko County, Nev.

Utah Construction Co., Ogden, Utah, at \$35,614.70, submitted second low bid.

Complete bids will be published shortly. * 29

COMPLETE BIDS

LASSEN COUNTY, Calif.—Harms Bros., Box 209, Sacramento, at \$9,929.50 submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District II, Redding, for about .06 mile grading and surfacing with gravel and applying penetration oil treatment bet 3 miles south of Standish and Wendel (II-Las-Feeder Road), Lassen Co.

A. A. Tieslau, Berkeley, at \$12,155.85, submitted the only other bid. * 29

CONTRACT AWARDED

LINCOLN CO., Nev.—J. M. Summison, Springville, Utah, at \$118,155.85, awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for construction of approx. 9.95 miles state highway from a point approx. one-half mile north of Panaca Junction to Ploche, Route 7, Section C., Lincoln Co., Nev.

Nevada Rock & Sand Co., Inc., Reno, Nev., at \$120,719.25, submitted second low bid.

Complete bids will be published shortly. * 29

BIDS WANTED

SAN FRANCISCO.—Until Dec. 14, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 19136 for the improvement of Park-Preisdio Blvd. between Fulton St. and the Presidio Military Reserve. Est. cost, \$129,000.

Work involves:
 (1) 11,260 c.y. excavation;
 (2) 233,000 sq. ft. 6x2-in. asphalt pavement;
 (3) 25,200 sq. ft. 6x2-in. asphalt pavement;
 (4) 20 tons asphalt conc. wearing surf.
 (5) 9,750 sq. ft. 2-course conc. sidewalk;
 (6) 8,350 l.f. 12-in. white concrete coping;
 (7) 715 l.f. standard armored conc. curb;
 (8) 8,470 l.f. unarmored white conc. curb;
 (9) 483 c.y. loam;
 (10) 765 l.f. reset granite curb;
 (11) 28 each brick catchbasins;
 (12) 5 each brick manholes;
 (13) 1,770 l.f. 10-in. VCP culvert;
 (14) 161 l.f. 12-in. do;

(15) 4,000 l.f. 1½-in. conduit;
 (16) 4,800 l.f. 2-inch do;
 (17) 8 each pull boxes (small);
 (18) 16 each arterial stop signs;
 (19) 15 each pull boxes (large);
 (20) lump sum, water supply system
 (21) 5 each storm water inlets;
 (22) 8 each pole risers;
 (23) 4,250 sq. ft. 4-inch waterbound macadam path.

If PWA grant is not received for the above project, work will be done under County Road Fund, Bid No. 19,207. Contractors will be required to take out two sets of plans.

Plans and specifications may be received from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00 each. * 29

CORRECTION—BIDS WANTED

LOS ANGELES CO., Calif.—Until December 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.9 miles grading and surfacing with asphalt concrete, Portland cement concrete, and plant mixed surface, on a portion of the State Highway between Lomita Blvd. and Wilmington-San Pedro Road (VII-LA-165-LA), Los Angeles County.

Work involves:
 (1) 102 sta. clear and grub;
 (2) 2,000 M. gals. water;
 (3) 500 c.y. remove concrete;
 (4) 64,000 c.y. rdwy. excav. unclass.
 (5) 3,250 c.y. struc. excav.
 (6) 29,000 c.y. imported borrow;
 (7) 7,000 c.y. imported subgrade material;

(8) 325,000 sta. yds. overhaul;
 (9) 3,700 sq. yds. subgrade for pave;
 (10) 102 sta. finish rdwy.
 (11) 35 tons liq. asphalt SC-2, prime coat;
 (12) 1,600 sq. yds. asphalt paint binder;
 (13) 400 tons liq. asphalt ROMC-4 or -5 plant mix surf.;
 (14) 7,550 tons min. agg. plant mix surf.;
 (15) 90 tons liq. asphalt SC-2 penetration oil treatment;
 (16) 1,570 tons asphalt conc. pave;
 (17) 210 c.y. Class A Portland cement conc. pave;
 (18) 23,000 lbs. bar reinf. steel;
 (19) 110 c.y. Class A Portland cement conc. struc.;
 (20) 6,500 lbs. misc. iron and steel;
 (21) 240 l.f. 15-in. stand. reinf. conc. pipe;
 (22) 120 l.f. 18-inch do;
 (23) 20 l.f. 36-in. stand. reinf. conc. pipe manholes;
 (24) 340 l.f. 24-in. special reinf. conc. pipe;

(25) 160 l.f. 45-inch do;
 (26) 80 l.f. 48-inch do;
 (27) 160 l.f. 66-inch do;
 (28) 200 tons rock culvert foundations
 (29) 80 l.f. 6-in. vit. clay pipe stand. strength;

(30) 150 l.f. 8-in. vit. clay pipe extra strength;
 (31) 20 l.f. 12-inch CMP;
 (32) 1,460 c.y. Class A Portland cement conc. curbs, gutters and sidewalks;
 (33) 0.25 mile new property fence;
 (34) 12 ea. adjust manholes to grade;
 (35) remodel sanitary sewer manhole.
 (36) Misc. items of work.

Item 3 previously reported incorrectly.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 29

CONTRACT AWARDED

MARIPOSA CO., Calif.—Triangle Rock & Gravel Company and Ralph A. Bell, Box 250, San Bernardino, at \$270,244.00 awarded contract by the U. S. Bureau of Public Roads, San Francisco, for placing a bituminous treated surfacing on approximately

30,823 miles of Section A1, A2, and A3, of Route 5, Wawona Road-Glacier Point, Yosemite National Park, Calif. * 29

CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids were received and contracts awarded by the State of Washington Director of Highways, L. V. Murrow, Olympia, for highway construction as follows:

Spokane Co.: Paving with Portland cement concrete about 1.4 miles of Primary State Highway No. 3, Spokane South, Spokane County; Federal Aid Project.

Awarded: Clifton and Applegate, Hutton Bldg., Spokane, \$90,754.

Other Bidders: Charles A. Power, Spokane, \$90,825; Elliott & Co., Inc., Seattle, \$85,221; J. H. Collins, Colville, \$137,008.

Okanagan County: Clearing, grading, surfacing, manufacturing and stockpiling mineral aggregates (oil rock) and constructing steel and concrete railway undercrossing on about 2.3 miles of Primary State Highway No. 10, Brewster Vicinity, Section 1, FAP 277-A and FAGH 277-B, Okanagan county.

Awarded: Norris Bros., Burlington, \$107,078.

Other Bidders: Henry Hagman, Cashmere, \$113,503; Clifton & Applegate, Spokane, \$121,298; Elliott & Co., Inc., Seattle, \$125,513; Goetz & Brennan, Seattle, \$129,607; E. G. Ryan & Co., \$130,181; Siems Spokane Co., Spokane, \$142,659; Colonial Construction Co., Spokane, \$143,093.

King & Snohomish Counties: Clearing, grading, draining, surfacing on 6.6 miles of Secondary State Highway 1-A, Woodinville to Snohomish, FAS 35-A, King and Snohomish Cos.

Awarded: Acme Const. Co., 722 13th St., Seattle, \$82,039.

Other Bidders: James Coyle, Seattle, \$94,397; N. Florito, Inc., Seattle, \$96,024; L. G. Dowell, Inc., Seattle, \$96,346; Walker Const. Co., Tacoma, \$96,387; A. W. Stevens Construction Co., Mt. Vernon, \$99,173; Northwest Const. Co., Seattle, \$99,173; L. Romano Engr. Corp., Seattle \$127,100; Goetz & Brennan, Seattle, \$128,411.

Klickitat County: Clearing, grading draining and surfacing on 3.5 miles of Secondary State Highway 8-E, Alderdale to Benton county line, FAS 42-A, Klickitat and Benton Counties.

Awarded: Geo. A. Garras, 1634 W. Riverside, Spokane, \$19,875.

Other Bidders: E. E. Rockey and Son, Seattle, \$22,574; H. H. Hibbard, Seattle, \$25,565; J. C. Papin, Carson, \$26,794; Klinehline, Varr & Johnson, Vancouver, \$29,613; Frank J. Haas, Great Falls, \$29,410.

Whitman County: Clearing, grading, draining and surfacing on about 2.7 miles of Secondary State Highway 11-C, St. John East, FAS 276-B Whitman County.

Awarded: Roy L. Bair, 1220 Ide, Spokane, \$42,817.

Other Bidders: Frank Haas, Great Falls, \$42,823; Clifton & Applegate, Spokane, \$47,031.

Pacific County: Clearing, grading, surfacing, manufacturing & stockpiling surfacing materials and mineral aggregates (oil rock) and constructing light bit. surf. treatment and nonskid seal (single seal) treatment on about 11.1 miles of Secondary State Highway 12-A, Seaview to Ocean Park, FAS 31-A, Pacific County.

Bids returned unopened; plans will be revised. * 29

CONTRACT AWARDED

ORANGE COUNTY, Calif.—R. E. Campbell, 711 Central Building, Los Angeles, at \$34,036, awarded contract

by the State Division of Highways, Sacramento, for constructing about 0.15 mile of embankment protection at Doheny Park at the mouth of San Juan Creek in Orange County. 29

CONTRACT AWARDED

SACRAMENTO, Cal.—L. G. Lentz, 2548 41st Street, Sacramento, awarded contract by the Sacramento City Council, City Hall, for the improvement of the alley between Second and Third Aves. from the easterly line of 30th St. to the westerly line of Alhambra Blvd., Sacramento. 29

BIDS WANTED

SANTA BARBARA COUNTY, Cal.—Until December 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about ten miles of feeder road between Santa Ynez river and San Antonio creek, Santa Barbara county, to be graded and portions to be treated with liquid asphalt by the road mix method and seal coat applied.

Work involves:

- (1) 557 sta. clear and grub;
- (2) 100 M. gals. water;
- (3) 180,900 c.y. rdwy. excav., unclassified;
- (4) 1,750 c.y. struc. excav.;
- (5) 1,150 c.y. ditch and channel excavation;
- (6) 662,000 sta. yds. overhaul;
- (7) 30,500 c.y. imported borrow;
- (8) 2,400 c.y. imported surf. material;
- (9) 557 sta. finish rdwy.;
- (10) 285 c.y. remove concrete;
- (11) 10 tons liquid asph. SC-2 prime coat;
- (12) 115 tons liquid asph. SC-3 road mix surf. treat.;
- (13) 9,200 sq. yds. prepare, mix and shape roadbed;
- (14) 7 tons liquid asph. 90-95 seal coat;
- (15) 85 tons screen seal coat;
- (16) 5,000 lbs. bar reinf. steel;
- (17) 75 c.y. Class A Portland cement concrete struc.;
- (18) 106 lf. 8-in. CMP;
- (19) 2,266 lf. 18-in. CMP;
- (20) 194 lf. 36-in. CMP;
- (21) 144 lf. 42-in. CMP;
- (22) 8 each spillway assemblies;
- (23) 600 lf. 8-in. perf. metal pipe underdrains;
- (24) 100 c.y. rock filling material;
- (25) 160 lf. move and reset existing guard rail;
- (26) 190 each guide posts;
- (27) 57 each culvert markers;
- (28) 0.75 mile new property fences;
- (29) 2 each drive gates;
- (30) 214 each monuments.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. 29

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until December 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant mix surface about 2.4 miles between Devore and Camp Cajon (VIII-SBD-31-B), San Bernardino County.

Work involves:

- (1) 130 sta. clear and grub;
- (2) 3,241 M. gals. water;
- (3) 1,565 c.y. remove concrete;
- (4) 146,000 c.y. rdwy. excav., unclassified;
- (5) 6,110 c.y. struc. excav.;
- (6) 4,900,000 sta. yds. overhaul;
- (7) 620 c.y. salvage surf.;
- (8) 130 sta. finish rdwy.;

(9) 525 tons liquid asph. SC-4 plant mix surf.;

(10) 10,500 tons min. agg. plant mix surf.;

(11) 26 tons liquid asph. 90-95 seal coat;

(12) 266 tons screen seal coat;

(13) 220 tons sand seal coat;

(14) 60 tons liquid asph. SC-2 detours;

(15) 5,000 sq. yds. prepare, mix and shape detours;

(16) 18 c.y. Class A Portland cement conc. struc.;

(17) 11,800 lbs. bar reinf. steel;

(18) 120 c.y. rubble masonry;

(19) 450 c.y. riprap;

(20) 64 lf. 8-in. CMP;

(21) 130 lf. 24-in. CMP;

(22) 348 lf. 36-in. CMP;

(23) 460 lf. 48-in. CMP;

(24) 164 lf. 60-in. CMP;

(25) 4 each spillway assemblies;

(26) 1 each remove and reset spillway assembly;

(27) 252 lf. remove and salvage culvert pipe;

(28) 1,360 lf. lam. guard rail;

(29) 13 each culvert markers;

(30) 87 each guide posts;

(31) 40 each monuments;

(32) 1 each move masonry monument

Alternate Cribbing Items
Alt. "A"—Metal Cribbing

(33) 75 each 6x6-in. by 4-ft. metal headers;

(34) 640 each 6x6-in. by 6-ft. do;

(35) 10 each 6x6-in. by 8-ft. do;

(36) 15 each 6x6-in. by 6-ft. metal stretcher headers;

(37) 10 each 6x6-in. by 8-ft. do;

(38) 10 each metal header spacers;

(39) 20 each metal header inserts;

(40) 420 each metal header caps;

(41) 1,070 each 6x8-in. by 6-ft. metal stretchers;

(42) 275 each metal stretcher inserts

(43) 2 each gap joints;

Alt. "B"—Reinf. Conc. Cribbing

(44) 110 each 8x5-in. by 6-ft. reinf. concrete headers;

(45) 750 each 10x5-in. by 8-ft. do;

(46) 25 each 10x5-in. by 8-ft. do;

(47) 445 each 6x6-in. by 6-ft. reinf. conc. stretchers;

(48) 425 each 8x6-in. by 6-ft. do;

(49) 545 each 10x6-in. by 6-ft. do;

(50) 155 each 10x4-in. by 10-in. concrete filler blocks;

NOTE: A bidder is required to submit a bid on one alternate and may, but is not required, to submit bids on all alternates.

The contract will be awarded to the lowest responsible bidder for the work as a whole irrespective of the alternate.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. 29

LOW BIDDER

VENTURA CO., Calif.—S. Edmondson & Sons, 533 W. 20th Street, Los Angeles, at \$24,102.25, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.3 miles grading and surfacing with plant mix surfacing two miles west of the Los Angeles Co. line (VII-Ven-79-C), Ventura Co., Calif.

Complete bids will be published shortly. 29

COMPLETE BIDS

VENTURA CO., Calif.—S. Edmondson & Sons, 533 W. 20th Street, Los Angeles, at \$24,102.25, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.3 mile of grading and surfacing with plant-mix surfacing two miles west of the Los Angeles

county line (VII-Ven-79-C), Ventura County.

Work involves:

- (1) 17 sta. clear and grub;
- (2) 400 M. gals. water;
- (3) 10 c.y. remove exist. conc.;
- (4) 500 c.y. roadway excav. without class.;
- (5) 350 c.y. ditch, excav.;
- (6) 25 c.y. sump and channel excav.;
- (7) 21,000 c.y. import borrow;
- (8) 13,000 c.y. import surf. material;
- (9) 17 sta. finish roadway;
- (10) 6 tons liq. asph. SC-2 prime coat;
- (11) 610 tons min. agg. plant mix surf.;
- (12) 35 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
- (13) 3,600 sq. yds. prepar. mix and shape shoulders;
- (14) 45 tons liq. asph. SC-2 road mix surf. treat.;
- (15) 800 lbs. bar reinf. steel;
- (16) 15 c.y. class A Portland cem. concrete structs.;
- (17) 920 lf. rail and wire bank protection fence;
- (18) 80 each cable anchors;
- (19) 30 lf. 8 in. CMP;
- (20) 380 lf. 24 in. CMP;
- (21) 200 lf. 36 in. CMP;
- (22) 1 each spillway assembly;
- (23) 16 each culvert markers.

Total bids follow:

(A) S. Edmondson & Sons, \$24,102.25.
(B) Griffith Co., Los Angeles, \$24,171.
(C) R. L. Oakley, Pasadena, \$30,170.

970.50

Unit bids were:

	(A)	(B)	(C)
(1).....	\$7.00	\$7.00	\$7.00
(2).....	1.00	1.20	1.00
(3).....	2.50	5.00	5.00
(4).....	.30	.40	.25
(5).....	1.00	1.20	1.50
(6).....	1.00	1.40	1.50
(7).....	.35	.34	.40
(8).....	.55	.95	.60
(9).....	5.00	7.00	7.00
(10).....	9.00	10.00	7.00
(11).....	2.75	2.40	3.00
(12).....	8.00	7.00	3.00
(13).....	.09	.08	.06
(14).....	6.75	6.00	6.00
(15).....	.07	.06	.08
(16).....	30.00	30.00	30.00
(17).....	8.50	9.00	15.50
(18).....	17.00	16.00	15.00
(19).....	1.50	1.20	1.00
(20).....	3.25	2.80	2.00
(21).....	5.50	5.40	5.00
(22).....	20.00	20.00	20.00
(23).....	3.00	3.00	3.00

December 1, 1938

BIDS OPENED

SAN CARLOS, San Mateo Co., Cal. Piazza & Huntley, 195 N. Sixth St., San Jose, at \$11,495.60 submitted the low bid to George A. Kneese, 2382 Broadway St., Redwood City, for the Consolidated Development Company for construction work in the town of San Carlos.

Work involves:

- (1) 1740 c.v. grading and shaping roadway section;
- (2) 4000 lf. 2x4-in. headerboard;
- (3) 51,500 sq. ft. local rock macadam pave. with oil and screen wearing surface;
- (4) 100 lf. 4-in. vitrified clay sanitary sewer with Portland cement joints;
- (5) 3,300 lf. 6-inch do.;
- (6) 540 lf. 10-inch do.;
- (7) 60 6x0-in. vit. clay sewer Y's;
- (8) 20 10x4-in. do.;
- (9) 75 lf. 10-in. concrete pipe storm sewer;
- (10) 520 lf. 24-inch reinf. concrete pipe storm sewer;
- (11) 275 lf. 20-inch do.;
- (12) 23 redbrick burnt manholes with frames and covers;
- (13) 3 redbrick burnt concrete inlets;

- (14) 1 special storm water inlet;
 - (15) 160 lf. draining ditch;
 - (16) 60 lf. salvage and clean CMP
- Total bids follow:
- (A) Plaza & Huntley, San Jose, \$11,455.60.
 - (B) L. C. Smith, San Mateo, \$11,525.
 - (C) Hayward Building Material Co., Hayward, \$12,811.25.
 - (D) W. O. Tyson, Redwood City, \$12,910.00.
 - (E) F. Granzotto, Walnut Creek, \$14,319.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 29	\$ 30	\$ 55	\$ 25	\$ 60
(2).....	10	08	08	075	05
(3).....	10	055	045	0675	03
(4).....	55	60	50	64	50
(5).....	60	64	80	81	70
(6).....	90	90	120	115	110
(7).....	1.00	1.10	1.00	1.60	1.50
(8).....	2.50	2.00	1.25	1.00	2.80
(9).....	1.10	90	1.15	1.39	1.50
(10).....	3.50	3.50	4.00	3.90	4.00
(11).....	4.50	4.50	6.50	5.40	6.00
(12).....	60.00	67.50	65.00	65.00	70.00
(13).....	70.00	75.00	65.00	80.00	70.00
(14).....	70.00	75.00	50.00	80.00	100.00
(15).....	25	35	25	50	40
(16).....	50	1.00	1.00	50	75

BIDS WANTED
SAN FRANCISCO.—Until Dec. 7, 1:30 P. M., informal bids will be received by the Department of Public Works, Room 265, City Hall, San Francisco, for the construction of a safety island at Fell and Stanyan Sts. Est. cost, \$710.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall. * 29

30—RESERVOIRS & DAMS

TUCSON, Pima Co., Ariz.—Until Dec. 12, 8:30 A. M., bids will be received by the Tucson city council for the construction of a reservoir at the Osborne St. plant. The capacity of the present Osborne St. reservoir will be increased from 1,500,000 gals. to 9,000,000 gals. Est. cost \$60,000. The work involves 700 cu. yds. concrete, 50,000 sq. ft. of granite and 34,000 board ft. of lumber. Plans and specifications may be obtained from the city water dept., city hall, upon deposit of \$25 per set, returnable. Certified or cashier's check or bid bond for 10% must accompany each proposal. Phil J. Martin, Jr., Water Supt.; John A. Carollo, consulting engineer; R. E. Butler, city manager.

BIDS OPENED

CALAVERAS COUNTY, Calif.—H. Earl Parker, Route 1, Box 164, Lathrop, at \$8,840 submitted low bid to the Calaveras Public Utility District, Oliver C. Wyllie, Clerk, Courthouse Annex, San Andreas, for the construction of the San Andreas City supply reservoir, cleaning the south fork feeder lateral, the main Mokelumne Hill ditch and the Pine Oak supply lateral and cleaning the Mokelumne Hill reservoir and Pine Peak reservoir, located at San Andreas and Mokelumne Hill.

Total bids follow:

H. Earl Parker, Lathrop.....	\$ 8,840
Emil Shoemaker, Albany.....	9,175
C. Dudley de Velbis Co., Oakland.....	11,650
F. Granzotto, Walnut Creek.....	14,506
Shannac Co., San Francisco.....	14,620
M.J.B. Const. Co., Stockton.....	14,567

BIDS WANTED

VERNON, Los Angeles Co., Calif. Until Dec. 12, 3:00 P. M., bids will be received by the Vernon city council for re-roofing a 3,000,000-gallon

reservoir at the city hall yard, 4305 Santa Fe Ave. The project, which is being financed by PWA funds, involves timber construction, (D.F. & redwood), with comp. covering. The roof is 173 x 190 ft. 10 inches in area. Plans and specifications may be obtained from Francis Bates, city engineer, city hall, upon deposit of \$10, returnable. Certified or cashier's check or bid bond for 10% must accompany each proposal. T. J. Furlong, city clerk. * 30

BIDS WANTED

SVENSEN, Clatsop Co., Ore.—Until Dec. 12, 1:30 P. M., bids will be received by Wickiup Water District, Svensen, for construction of concrete dam and controls, clearing and grubbing reservoir, supply and distribution pipe line, and appurtenances for the Wickiup Water District in Clatsop County, Ore. Plans and specifications available from H. E. Lawrence, secretary of district, Grange Hall, Svensen, upon deposit of \$20. Est. cost \$45,000. PWA proj. * 30

BIDS WANTED

VENTURA, Calif.—Until Dec. 5, 5:00 P. M., bids will be received by the Ventura city council for the reconstruction of a 9,000,000-gal reservoir, in accordance with plans and specifications prepared by Carl Proerer, city engineer. Est. cost \$42,000. This is a PWA project, and will involve excav., special compacted rolled embankment, 4-in. reinf. concrete lining, outlet boxes, drains, etc. Plans may be obtained from the city engineer upon deposit of \$10, returnable. Certified or cashier's check or bid bond for 10% must accompany each proposal.

The detailed quantities are (subject to approval by PWA):

- (1) 22,600 cu. yd. excav.;
- (2) 8,770 cu. yds. rolled embankment;
- (3) 12,150 sq. yds. subgrading;
- (4) 12,140 sq. yds. reinf. concrete surf.;
- (5) 174,200 lbs. surface reinf.;
- (6) 152 cu. yd. struc. concr.;
- (7) 13,100 lbs. struc. concr. reinf.;
- (8) 1030 lf. 2x4-in. stake headers;
- (9) 1110 sq. yds. plant mix surf.;
- (10) 155 each weep holes;
- (11) 81 lf. 16-in. reinf. concr. pipe;
- (12) 56 lf. 18-in. reinf. concr. pipe;
- (13) 52 lf. 24-in. reinf. concr. pipe;
- (14) 42 lf. 27-in. reinf. concr. pipe;
- (15) 3 MBM redwood lumber;
- (16) 325 lbs. struc. hardware. * 30

31—PIPE LINES & WELLS

December 1, 1938

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$3,768.95, awarded contract by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 194, for the laying of 6-inch and 8-inch cast iron mains in Masonic Avenue and Ewing Terrace, San Francisco. * 31

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$3,768.95, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 194, for the laying of 6-inch and 8-inch cast iron mains in Masonic Avenue and Ewing Terrace, San Francisco.

Work involves:

- (1) 1945 lf. excavation and backfill for 6-inch and 8-inch pipe, trench 17-inch wide by 36-inch deep;

- (2) 10 c.y. additional excavation & backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 1390 lf. 6-inch bolted joint cast iron pipe;
 - (b) 555 lf. 8-inch bell and spigot cast iron pipe;
- (5) 4400 lbs. installing of fittings, gate valves, etc.
- (6) 83 lf. bell and spigot joints for pipe and fittings;
- (6a) 235 bolted points for 6-inch cast iron pipe;
- (7) Repavement:
 - (a) 100 sq. ft. street pavement;
 - (b) 100 sq. ft. sidewalk pave.;
 - (c) 89 3/4-inch screw taps installed;
 - (d) 1430 lin. ft. 3/4-inch copper service pipe installed.
- (10) Furnishing cast iron pipe—Class 150:
 - (a) 1390 lf. 6-inch bolted joint pipe at \$0.75 per lf.;
 - (b) 555 lf. 8-inch bell and spigot cast iron pipe at \$1.10 per lin. ft.

(11) Furnishing bell end gate valves:

- (a) Three 4-inch valves at \$13 each;
- (b) Three 6-inch valves at \$17 each;
- (c) Two 8-inch valves at \$22.50 each;
- (12) 2800 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
- (13) 290 lbs. steel band and bolts at \$0.05 per lb.;
- (14) 1430 lf. 3/4-inch copper service pipe at \$0.17 per lf.;
- (15) Lump sum, furnishing 3/4-inch fittings for service \$120;
- (16) Lump sum, engineering and supervision at \$50;
- (17) Lump sum, connections at \$120.

Total bids follow:

(A) E. J. Treacy.....	\$3,768.95
(B) Lowrie Paving Co.....	3,777.50
(C) S. F. Water Dept.....	3,947.20
(D) The Fay Imp. Co.....	4,053.32
(E) Charles L. Hanney.....	4,719.70

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 29	\$ 30	\$ 35	\$ 42	\$ 35
(2).....	50	50	50	01	60
(3).....	.....	.....	.....	.....	.....
(4a).....	05	06	06	085	25
(4b).....	08	08	08	11	25
(5).....	015	03	025	025	03
(6).....	30	40	35	35	60
(6a).....	30	20	20	205	50
(7a).....	25	30	26	30	10
(7b).....	25	15	19	25	10
(8).....	1.00	1.00	50	80	180
(9).....	20	15	25	17	40
(10a).....	75	75	75	75	75
(10b).....	1.10	1.10	1.10	1.10	1.10
(11a).....	12.00	12.00	12.00	12.00	12.00
(11b).....	17.00	15.00	17.00	17.00	17.00
(11c).....	22.50	22.50	22.50	22.50	22.50
(12).....	06	06	06	06	06
(13).....	05	05	05	05	05
(14).....	17	17	17	17	17
(15).....	120.00	120.00	120.00	120.00	120.00
(16).....	50.00	50.00	40.00	50.00	50.00
(17).....	120.00	120.00	120.00	120.00	120.00

BIDS WANTED

VENTURA Co., Calif.—Until Dec. 12, 10:00 A. M., bids will be received by Ventura County Supervisors, Court House, Ventura, for furnishing casing and drilling water well for Ventura County Water Works District No. 1 at Moorpark. The items are:

- 382 ft. 12-inch casing;
 - 18 ft. casing and shoe;
 - 400 lin. ft. 12-inch hole.
- Plans and specifications are available from county surveyor. Guarantee, 10%, must accompany bid. * 31

BIDS WANTED

VERNON, Los Angeles Co., Calif.—Until Dec. 12, 3:00 P. M., bids will

be received by the Vernon city council for furnishing and installing a deep well turbine pump in the well at Pumping Plant No. 2, East Vernon Ave., between Magnolia Avenue and Downey Road. The proposed pump, which is being financed by PWA funds, is to be of 1500 GPM capacity, with a 150 h.p. motor. Spec. may be obtained from the city engineer, Francis Bates, upon deposit of \$10.00, returnable. Certified or cashier's check or bidder's bond for 10% must accompany each proposal. T. J. Furlong, city clerk. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Pacific Coast Elevator Co., 4031 Goodwin Ave., L. A., at \$20,254, submitted the low bid to the Bakersfield city council and was awarded the contract subject to PWA approval, for the construction of a sewage pumping station, including structure and equip. Unit No. 2, PWA sewer project. J. Hofelder, city engineer; C. C. Kennedy, consulting engineer.

The bids were taken as follows:

- (1) Pump house struc. (reinf. concrete) complete, including elec. conduits, switchboard, electric light wiring and fix., all water piping and hose connection, ventilating fan and duct, monorail and hoist in chlorination room, and platform scales;
- (2) Pumping unit complete, including all piping, valves fittings & all electric control, including floats, wiring and switches;
- (3) Scott odor control unit, including chlorination mechanism, circulating pump, piping, valves, installed complete.

The bids were:

Pacific Coast Elevator Co., L. A., (1) \$14,181, (2) \$2473, (3) \$3500, total \$20,254.

R. H. Liggett, Lynwood, (1) \$15,392, (2) \$2623, (3) \$3885, total \$21,900.
Guy E. Hall, Bakersfield, (1) \$15,479, (2) \$2755, (3) \$4228, total, \$23,622. 32

December 1, 1938

BIDS WANTED

SAN FRANCISCO—Until Dec. 21, 10:00 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing the materials and performing the work for sub-drainage system at the U. S. Marine Hospital, San Francisco.

Plans and specifications are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. 32

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif.—Griffith Co., 502 Los Angeles Railway Building, Los Angeles, at \$25,840 awarded contract by the Bakersfield City Council, V. Van Riper, City Clerk, for the construction of sewers in Unit No. 1, Sanitary main sewer of the proposed sewer works improvement. 32

BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—C. H. Purcell, State Highway Engineer, announces the cost of blue prints now available for work for which bids will be opened in Los Angeles on December 15, 1938.

Following is a list of blue prints and prices:

VII-L.A.-City. Installation of san-

GILA COUNTY, ARIZ.—HWY. CONSTR.—(STATE)

GILA COUNTY, Ariz.—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso at \$273,980.82 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Globe-Showlow Highway, F.A. 99-D, A, E, F, and F.L. 6-B (1939). The work, which begins about 50 miles northeast of Globe and extends southwesterly about 29.8 miles (unless the project is cut back as provided in the contract), consists of subgrading roadway and refinishing slopes; furnishing and placing Select Materials, SC-6 road oil plant mix. Type B seal coat and asphaltic surface treatment; and is to be completed on or before Oct. 31, 1939.

Work involves:

- (1) 29.7 miles subgrading roadway and refinishing slopes;
- (2) 205,700 c.y. select material (CIP);
- (3) 600 M. gal. sprinkling;
- (4) 2400 hours tilling;
- (5) 22 each corr. metal catch basins;
- (6) 1400 lf. 8-inch CMP;
- (7) 39,700 tons plant mix;
- (8) 1560 tons road oil (SC-6);

- (9) 29.7 miles placing plant mix;
- (10) 2870 tons choker screenings;
- (11) 8700 tons screenings (for seal coat);
- (12) 800 tons emulsified asphalt (class A);
- (13) 350 cu. yd. blotter material;
- (14) 304,000 gal. road oil (SC-2);

Tota bids follow:

- (A) Lee Moor Contr. Co., El Paso \$273,980.82.
- (B) Skonsen Bros., Contrs., Albuquerque, \$287,050.95.
- (C) Geo. W. Orr, Contr., El Paso, \$287,571.47.
- (D) Warren Southwest, Inc., Los Angeles, \$288,188.69.
- (E) Tanner Const. Co., Phoenix, \$292,993.43.
- (F) J. A. Casson, Phoenix, \$298,524.35.
- (G) Oswald Bros., Contrs., Los Angeles, \$303,792.42.
- (H) Pearson & Dickerson Contrs., Inc., Prescott, \$318,835.20.
- (I) W. B. Hall Const. Co., Phoenix, \$344,342.04.
- (J) Heuser & Garnett, Glendale, \$367,749.47.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$550.00	\$900.00	\$300.00	\$350.00	\$300.00	\$350.00	\$425.00	\$725.00	\$750.00	\$550.00
(2)		28	37	345	31	33	31	38	40	43
(3)		1.25	1.50	1.40	2.00	1.25	2.00	2.25	1.40	2.00
(4)		3.00	2.75	3.00	3.00	3.50	3.00	3.00	3.00	3.00
(5)		20.00	18.00	14.00	20.00	25.00	50.00	20.00	19.00	20.00
(6)		1.15	1.35	1.00	1.00	1.10	5.00	1.25	1.00	1.00
(7)		2.00	1.60	2.00	2.45	2.20	2.53	2.10	2.20	2.35
(8)		20.00	18.50	19.05	19.00	21.00	17.00	21.00	20.00	23.00
(9)		.065	.065	.075	.056	.06	.055	.065	.0745	.07
(10)		175.00	200.00	210.00	140.00	200.00	200.00	250.00	125.00	400.00
(11)		1.70	2.00	2.25	2.90	3.00	2.50	2.25	2.50	2.50
(12)		2.50	2.50	2.77	2.10	3.00	2.50	2.50	3.10	2.50
(13)		32.00	31.00	32.50	27.00	30.00	28.50	30.00	30.00	35.00
(14)		1.75	2.00	3.50	2.50	4.00	2.00	2.50	2.50	3.00

itary sewers in the City of L. A. on Fremont Ave. bet. First St. and Diamond St.; on Diamond St. bet. Fremont Ave. and North Figueroa St. and on North Figueroa St. bet. Diamond St. and Temple St. PLANS—No. of Sheets 5, cost \$0.50; CROSS-SECTIONS—No. of Sheets 4, cost, \$0.40, total \$0.90.

VII-LA.-165-L.A. Between Lomita Blvd and Wilmington-San Pedro Rd. PLANS—No. of Sheets 23, cost, \$2.30; CROSS-SECTIONS—No. of Sheets 18, cost \$1.80, total \$4.10.

VIII-Riv.193-A. Bridge across Santa Ana River. PLANS—No. of Sheets 18, cost \$1.80; CROSS-SECTIONS—No. of Sheets 11, cost \$1.10, total \$2.90.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif. * 32

BIDS WANTED

SAN FRANCISCO—Until Dec. 21, 10:00 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing the materials and performing the work for sub-drainage system at the U. S. Marine Hospital, San Francisco.

Plans and specifications may be obtained from the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 32

BIDS WANTED

SAN LEANDRO, Alameda Co., Cal.—Until Dec. 19, 8 P. M., new bids

will be received by the San Leandro City Council, City Clerk, 1120 E. 14th St., San Leandro, for construction of a sewage pumping and treatment work.

Work involves the construction of cast-in-place or pre-cast concrete foundations and approx. 1200 c.y. of reinforced concrete structures, pipe work, and equipment for a primary sedimentation and separate sludge digestion sewage treatment plant with provision for garbage grinding and digestion with sewage sludge. The clarifier is 65-ft. in diameter and the digestion tanks are each 70-ft. in diameter. Included in the equipment are raw sewage pumps, screening, grinding and mixing equipment; digester gas collection and storage; sludge gas engine-generator unit; water reclamation plant.

Plans and specifications may be obtained from the above office upon deposit of \$20, returnable. Harry N. Jenks, 345 Madrono Ave., Palo Alto, is the consulting engineer.

Bids opened November 23, 1938 were all rejected. Fred J. Eary, Jr., 369 Pine St., San Francisco, at (I) \$220,404; and (II) \$225,400 submitted the low bid. 32

CONTRACT AWARDED

SAN GABRIEL, Los Angeles Co., Cal.—Sutalo & Ramljak, 476 Camulos St., Los Angeles, at \$274,614.05, submitted low bid and was awarded contract by the San Gabriel City Council for the construction of a sewer system estimated to cost \$415,000. This is to be financed by the proceeds of a bond issue of \$230,000 voted August 5 and a PWA grant of \$202,500. Plans for the system were prepared by the Currier Engr. Co., 219 Anderson Bldg., San Bernardino.

Total bids follow:

Sutalo & Ramljak, \$374,614.05.
 Bebek & Brkich and VCK Const. Co., \$374,438.10.
 Drainage Const. Co., \$376,023.28.
 Radich & Brown, \$408,887.84.
 Gogo & Rados, \$415,802.81.
 Heuser & Garnett, \$421,136.14.
 Vuksic & Vukojok, \$425,624.00.
 Robert McNair, \$425,736.04.
 C. H. Johnson and Nick Perscallo, \$436,306.58. 32

COMPLETE BIDS

SAN LEANDRO, Alameda Co., Cal.—Fred J. Early, Jr., 369 Pine Street, San Francisco, at (I) \$220,404; and (II) \$225,400 submitted low bid to the San Leandro City Council for construction of a sewage pumping and treatment works.

Work involves:

- Sch. I: Using Raymond cast-in-place piles 27-ft. in length;
- Sch. II: Using precast piles 32-ft. in length.

Alternates:

- (a) Deduct for the omission of the rolled fill and finish grading, except that required beneath structures, roadways and walkways;
- (b) Deduct for the omission of the utility tractor and trailer;
- (c) Deduct for the omission of the west half of the sludge drying beds only;
- (d) Deduct for the omission of the sludge grinder and appurtenances;
- (e) Deduct for the omission of the east half of the sludge drying beds only;
- (f) Deduct for the omission of the garbage grinder machines only, the garage slurry ejectors and air compressor only, and the refuse conveyor only.
- (g) Deduct for the omission of the water reclamation plant only, except the water storage tank, pressure pump, and water distribution system.

Total bids follow:

- (A) Fred J. Early, Jr., (I) \$220,404; (II) \$225,400.
- (B) W. C. Tait, Inc., San Francisco, (I) \$224,452; (II) \$237,452.
- (C) John F. Tulloch, Oakland, (I) \$224,890; (II) \$260,000.
- (D) R. G. Clifford, San Francisco, (I) \$225,800; (II) \$225,900.

Alternatives follow:

(a)	\$7,457	\$6,000	\$3,000	\$4,500
(b)	3,167	2,885	3,030	3,100
(c)	3,868	2,767	3,640	2,100
(d)	614	500	854	308
(e)	3,868	2,767	3,640	1,050
(f)	9,316	8,500	9,143	9,000
(g)	6,347	2,246	4,295	4,100

BIDS WANTED

SAN CARLOS, San Mateo County, Calif.—Until Nov. 30, 3:00 P. M., bids will be received by George A. Kneese, 2382 Broadway Street, Redwood City, for the Consolidated Development Company for construction work in the Town of San Carlos.

Work involves:

- (1) 1740 c.y. grading and shaping roadway section;
- (2) 4000 lf. 2-inch by 4-inch heathereboard;
- (3) 51,500 sq. ft. local rock macadam pavement with oil and screen wearing surface;
- (4) 100 lf. 4-inch vitrified clay sanitary sewer with Portland cement joints;
- (5) 3,800 lf. 6-inch do;
- (6) 540 lf. 10-inch do;
- (7) 60 6-inch by 4-inch vitrified clay sewer Y's;
- (8) 20 10-inch by 4-inch vitrified clay sewer Y's;
- (9) 75 lf. 10-inch conc. pipe storm sewer;

- (10) 520 lf. 24-inch reinf. concrete pipe storm sewer;
 - (11) 275 lf. 30-inch do;
 - (12) 23 redbrick burnt manholes with frames and covers;
 - (13) 3 redbrick burnt concrete tunnels;
 - (14) 1 special stormwater inlet;
 - (15) 160 lf. draining ditch;
 - (16) 60 lf. salvage and clean CMP.
- Plans and specifications may be obtained from the above office upon the deposit of \$2.50. 32

BIDS OPENED

SAN LEANDRO, Alameda Co., Cal.—Fred J. Early, Jr., 369 Pine Street, San Francisco, at (I) \$220,404; and (II) \$225,400 submitted low bid to the San Leandro City Council for construction of a sewage pumping and treatment works. Bids were taken under two schedules, as follows: (I) using Raymond cast-in-place piles 27-ft. in length; and (II) using precast piles 32-ft. in length.

ORANGE COUNTY—BRIDGE REPAIRS—(STATE)

ORANGE CO., Calif.—Franzini & Fredenburg, P. O. Box 294, San Rafael, at \$12,415.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for repairing an overhead crossing over the Atchison, Topeka & Santa Fe Railway about one-half mile north of Galivan (VII-Or-2B), Orange Co.

Work involves:

- (1) 35 c.y. remove existing conc.;
- (2) 20 c.y. struc. excav.;
- (3) 60 tons min. agg. plant mix surfacing;
- (4) 3 tons liquid asph. ROMC-4 or -5 plant mix surf.;
- (5) 17,000 lbs. bar reinf. steel;
- (6) 110 c.y. Class A Portland cement conc. struc.;
- (7) 66 c.y. light weight concrete;
- (8) 34 MFMB dense select all heart struc. redwood;

Total bids were:

- (A) Fred J. Early, Jr., (I) \$220,404; (II) \$225,400.
- (B) W. C. Tait, Inc., San Francisco, (I) \$224,452; (II) \$237,452.
- (C) R. G. Clifford, San Francisco, (I) \$225,800; (II) \$225,900.
- (D) John F. Tulloch, Oakland, (I) \$224,890; (II) \$260,000.

The council adjourned without taking action on the bids, recommendation for award being postponed until the next meeting. Harry N. Jenks, 345 Madrone Ave., Palo Alto, is consulting engineer. 32

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 9, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the construction of sewers in the southeastern part of the City of Sacramento.

Plans and specifications may be obtained from the above office.

- (9) 11 MFMB select all heart struc. redwood;
- (10) 1,410 lf. furnish treated Douglas fir piles;
- (11) 35 each driving treated do;
- (12) 1 lot misc. items of work.

Total bids follow:

- (A) Franzini & Fredenburg, San Rafael, \$12,415.50.
- (B) R. M. Price, South Gate, \$12,538.50.
- (C) Edward Green, L. A., \$12,822.60.
- (D) V. R. Dennis Constr. Co., San Diego, \$13,725.00.
- (E) H. H. Peterson, San Diego, \$13,843.50.
- (F) Contracting Engineers Co., L. A., \$13,946.00.
- (G) A. L. Gabrielson, Arlington, \$16,999.99.
- (H) J. E. Haddock, Ltd., Pasadena, \$18,549.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 5.00	\$ 4.50	\$10.00	\$ 5.00	\$ 5.00	\$10.00	\$ 4.20	\$ 5.00
(2)	1.50	1.00	5.00	2.00	4.00	4.00	2.50	2.50
(3)	3.00	4.00	6.00	4.50	4.50	5.00	5.50	5.00
(4)	16.00	14.00	20.00	23.00	15.00	40.00	21.00	12.00
(5) .....	.05	.06	.05	.06	.05	.06	.045	.05
(6)	17.00	15.00	12.00	20.00	18.00	22.00	17.80	29.00
(7)	35.00	26.00	20.00	32.00	30.00	30.00	35.00	35.00
(8)	100.00	130.00	120.00	125.00	130.00	120.00	201.20	130.00
(9)	95.00	120.00	120.00	115.00	116.50	100.00	146.00	125.00
(10) .....	.75	.80	.86	.80	.70	.60	.65	.80
(11)	30.00	15.00	30.00	30.00	35.00	40.00	34.00	48.00
(12)	400.00	300.00	800.00	\$0.00	\$20.00	250.00	\$18.19	3000.00

BAKERS AND COOKS SCHOOL, PRESIDIO

SAN FRANCISCO.—Robert E. McKee, 108 West Sixth St., Los Angeles, at \$122,700, on Proposition 1 and \$9,400 on Proposition 2, submitted low bids to the Constructing Quartermaster, Major F. D. Jones, San Francisco and Vicinity, Fort Mason, for construction and completion of one Baker's and Cooks' School and Barracks and one commissary and warehouse at Presidio of San Francisco.

Bids taken as follows: (Prop. 1) work complete, bakers' and cooks' school and barracks, (Prop. 2) work complete, commissary and warehouse, (3A) deduct from Item 1 if awarded 1 and 2, (3B) deduct from item 2, if awarded 1 and 2, (4) deduct for omitting foundation drainage, (5) deduct for omitting storm water drainage, (6) deduct for architectural cast stone in lieu of sand-

stone, (7) deduct for omitting screen doors and window screens.

Total bids on propositions one and two follow:

- (A) Robert E. McKee, Los Angeles, (1) \$122,700, (2) \$39,400.
- (B) Leo Epp, S. F., (1) \$123,877, (2) \$39,877.
- (C) James I. Barnes Const. Co., Santa Monica, (1) \$124,600, (2) \$43,600.
- (D) Meyer Construction Co., S. F., (1) \$126,041, (2) \$43,844.
- (E) P. F. Reilly, S. F., (1) \$143,400, (2) \$56,300.
- (F) Schuler & McDonald, Inc., Oakland, (1) \$151,000, (2) \$48,947.
- (G) C. C. Newman, (1) —, (2) \$41,766.
- (H) De Luca & Son, Inc., San Francisco, (1) —, (2) \$44,403.

Complete alternate deductions follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(3A)	\$51.00	\$200	\$1000	\$2000	\$100	\$.....	\$.....	\$.....
(3B)	400	200	6 30	2000	50	\$.....	\$.....	\$.....
(4)	340	175	155	137	150	800	\$.....	\$.....
(5)	400	150	150	75	200	300	\$.....	\$.....
(6)	25	250	2 30	1.00	10	175	\$.....	\$.....
(7)	560	400	6 00	482	565	490	552	600
(847) 1st rep. Oct. 12; 4th, Oct. 31, 1938								* 7

STANISLAUS CO.—OVERHEAD CONSTR.—(STATE)

STANISLAUS COUNTY, Calif.—Union Paving Co., 212 Babcock Bldg. San Francisco, at \$287,274 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a steel beam overhead structure with concrete deck across the tracks of the Southern Pacific Railroad and about 0.3 mile grading and paving with Portland cement concrete and asphalt concrete about 0.4 mile south of Turlock in Stanislaus County.

- Work Involves:
- (1) 31 sta. clear and grub;
 - (2) 500 c.y. remove concrete;
 - (3) 875 M. gals. water;
 - (4) 1,350 c.y. rdwy. excav. unclass.;
 - (5) 2,500 c.y. struc. excav.;
 - (6) 27,750 cu. y. imported borrow;
 - (7) 7,470 sq. yds. preparing sub-grade;
 - (8) 31 sta. finish rdwy.;
 - (9) 2,750 tons untreated crushed gravel or stone surf.;
 - (10) 530 cu. y. salvage surf.;
 - (11) 17 tons liquid asphalt SC-2 prime coat shoulders and penetration oil treatment;
 - (12) 63 tons liquid asphalt ROM-3 or -4 or -5 plant mix surf.;
 - (13) 1,250 tons min. agg. plant mix surf.;
 - (14) 7 tons asph. emulsion seal coat and paint binder;
 - (15) 65 tons screen seal coat;
 - (16) 1,000 sq. yds. prepare mix and shape shoulders;
 - (17) 410 tons asph. conc.;
 - (18) 1,290 c.y. Class B Portland cement conc. pave.;
 - (19) 2,526 each pavement dowels;
 - (20) 1,050 each tie bolt assemblies;
 - (21) 680,000 lbs. bar reinf. steel;

- (22) 4,523 c.y. Class A Portland cement conc. struc.;
 - (23) 1,657,000 lbs. struc. steel;
 - (24) 43,000 lbs. blast plates;
 - (25) 4,050 lbs. misc. steel;
 - (26) 2,560 lf. steel railing;
 - (27) 21,275 lf. furnish, treated Douglas fir piles, including test piles
 - (28) 839 each drive do.;
 - (29) 26 lf. 12-in. CMP;
 - (30) 36 lf. 18-in. CMP;
 - (31) 3 each cast steel frames and covers for drop inlets;
 - (32) 375 c.y. Class A Portland cement concrete curbs, gutters and sidewalks;
 - (33) 6 each culvert markers and guide posts;
 - (34) 0.72 mile new property fence;
 - (35) 7 each drive gates;
 - (36) 1,250 lbs. sheet copper;
 - (37) 10 each monuments;
 - (38) 6 sections pavement crossing devices, type B-12;
 - (39) 1 lot misc. items of work.
- Total bids follow:
- (A) Union Paving Co., San Francisco, \$287,274.00.
 - (B) Earl W. Heple, San Jose, \$295,399.75.
 - (C) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland, \$295,664.35.
 - (D) Frederickson & Westbrook, Sacramento, \$297,810.85.
 - (E) J. F. Knapp, Oakland, \$309,799.00.
 - (F) United Concrete Pipe Corp., Los Angeles, \$312,890.25.
 - (G) Eaton & Smith, San Francisco, \$319,455.28.
 - (H) P. J. Walker Co., San Francisco \$338,985.90.
 - (I) C. W. Caletti & Co., San Rafael, \$343,786.00.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 20.00	\$ 10.00	\$ 5.70	\$ 4.50	\$ 10.50	\$ 10.00	\$ 12.00	\$ 48.00	\$ 15.00
(2).....	2.50	1.50	1.00	1.00	1.50	3.00	3.00	2.30	2.50
(3).....	.70	1.00	.85	.75	1.60	.60	1.50	1.40	1.50
(4).....	.40	.40	.30	.22	.50	.50	.60	1.00	.50
(5).....	.80	1.00	.90	.60	.60	1.30	1.20	1.50	1.50
(6).....	.44	.48	.45	.30	.70	.50	.66	.50	.50
(7).....	.10	.10	.09	.12	.10	.10	.15	.10	.10
(8).....	10.00	10.00	8.00	5.00	10.00	8.09	12.00	10.00	10.00
(9).....	1.70	1.80	1.82	1.60	2.10	1.50	2.10	2.15	2.20
(10).....	.80	1.00	.57	.50	1.00	1.50	1.20	1.00	1.25
(11).....	14.00	20.00	11.25	12.00	20.00	10.00	13.00	23.00	15.00
(12).....	10.00	8.00	11.75	10.00	15.00	9.00	12.00	10.00	15.00
(13).....	3.00	3.25	2.87	3.25	4.00	3.10	3.00	4.25	4.00
(14).....	30.00	25.00	15.00	20.00	25.00	15.00	26.00	30.00	20.00
(15).....	2.50	3.00	2.85	2.60	3.00	3.00	3.60	3.25	4.00
(16).....	.10	.20	.12	.10	.15	.08	.12	.12	.10
(17).....	5.00	7.00	7.50	7.00	8.00	3.10	5.00	8.00	7.50
(18).....	8.00	8.50	9.40	8.00	9.00	8.00	8.50	10.00	10.00
(19).....	.15	.20	.15	.17	.15	.15	.12	.17	.20
(20).....	.50	.50	.45	.45	.50	.40	.45	.45	.50
(21).....	.038	.039	.0361	.04	.04	.042	.041	.037	.042
(22).....	6.50	17.00	18.00	20.00	18.00	18.25	18.31	22.50	22.00
(23).....	.056	.057	.0563	.056	.057	.062	.062	.06	.06
(24).....	.08	.079	.10	.08	.075	.08	.086	.09	.10
(25).....	.14	.14	.14	.15	.15	.14	.18	.16	.20
(26).....	6.50	6.90	6.20	7.00	6.25	6.50	7.50	7.00	7.00
(27).....	.70	.63	.63	.60	.62	.70	.55	.63	.60
(28).....	10.00	11.00	12.00	10.00	10.00	15.00	12.00	15.00	17.00
(29).....	1.50	2.00	1.30	1.90	1.50	1.50	1.50	2.50	2.00
(30).....	2.00	3.00	1.90	2.00	2.00	2.00	1.80	3.00	3.00
(31).....	50.00	50.00	45.00	50.00	50.00	45.00	48.00	45.00	50.00
(32).....	15.00	14.00	16.00	14.60	16.00	12.00	15.00	18.00	18.00
(33).....	3.00	3.00	2.00	2.00	2.50	3.00	4.80	3.00	3.00
(34).....	500.00	600.00	570.00	440.00	500.00	500.00	600.00	600.00	500.00
(35).....	20.00	25.00	20.50	19.00	30.00	20.00	22.00	20.00	10.00
(36).....	.60	.50	.50	.50	.50	.50	.48	.60	.50
(37).....	3.00	3.00	2.00	2.00	3.00	3.00	3.80	5.00	3.00
(38).....	20.00	40.00	30.00	25.00	50.00	50.00	20.00	30.00	50.00
(39).....	1000.00	1000.00	600.00	1000.00	4000.00	1250.00	700.00	1000.00	5000.00

BIDS WANTED

SACRAMENTO, Cal.—Until Dec. 16 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the construction of additions to sewage pumping station No. 2 located at Sacramento.

Plans and specifications may be obtained from the above office.

33— WATER WORKS

BIDS WANTED

LAGUNA BEACH, Los Angeles Co., Cal.—Until Dec. 17 (tentative date) bids will be received by the Laguna Beach Water District, Laguna Beach for the construction of cast iron pipe lines, reservoirs, pumping plant and appurtenances, a PWA project, city contribution under 1911 Act, in accordance with plans prepared by A. J. Stead, engineer. Copies of the plans may be obtained about Dec. 6 upon deposit of \$10, returnable. Certified check or bid bond for 10% must accompany each proposal.

- The work involves:
- (1) 4200 ft. 8-in. CP pipe;
 - (2) 10,400 ft. 6-in. CI pipe;
 - (3) 19,000 ft. 4-in. CI pipe;
 - (4) 7200 ft. 2-in. CI pipe;
 - (5) four 8-in. gate valves;
 - (6) 14 6-in. gate valves;
 - (7) 28 2-in. gate valves;
 - (8) 49 4-in. fire hydrants;
 - (9) 280 ft. 1-in. copper service pipe;
 - (10) 2340 ft. ¾-in. copper service pipe;
 - (11) 14 1-in. meters;
 - (12) 107 ¾-in. meters;
 - (13) 1 concrete reservoir, circular, 250,000-gals. capacity;
 - (14) 1 steel reservoir, circular, 30-ft. dia., 120,000-gals. capacity;
 - (15) pumps to be furnished and installed in existing plant; two 450-gpm against 425-ft. head.

BIDS WANTED

VERNON, Los Angeles Co., Calif.—Until Dec. 12, 3:00 P. M., bids will be received by the Vernon city council for constructing the Leonis Blvd. Storm Drain System, approx. 5660 ft. (incl. manholes):

- (1) 1120 ft. 45-in. reinf. concr. pipe;
 - (2) 668 ft. 36-in. reinf. concr. pipe;
 - (3) 677 ft. 33-in. reinf. concr. pipe;
 - (4) 663 ft. 30-in. reinf. concr. pipe;
 - (5) 752 ft. 27-in. reinf. concr. pipe;
 - (6) 585 ft. 24-in. reinf. concr. pipe;
 - (7) 542 ft. 21-in. reinf. concr. pipe;
 - (8) 650 ft. 18-in. cem. pipe;
 - (9) 3875 ft. 15-in. cem. pipe (catch basin connections);
 - (10) 10 std. manholes;
 - (11) 9 std. catch basins with local depressions;
 - (12) 10 std. catch basins (2 gratings);
 - (13) one special transition structure;
 - (14) 15 cu. yds. concr. pipe cradle.
- Financed by PWA funds. Plans and specifications may be obtained from Francis Bates, City Engineer, upon deposit of \$10.00, returnable. Certified or cashier's check or bidder's bond for 10% must accompany each proposal. T. J. Furlong, City Clerk.

BIDS WANTED

SAN FRANCISCO—Until Dec. 8, 3:00 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W.D. 195, for the laying of 6-inch and 8-inch cast iron mains in Lawton St. and 40th Ave.

- Work Involves:
- (1) 1,000 lf. excavation and backfill for 6-in. and 8-in. pipe, trench 17 inches wide by 36 inches deep;

OROVILLE—CONST. SEWER SYSTEM—(DISTRICT)

OROVILLE, Butte Co., Cal.—Manuel Smith, 588 22nd St., Oakland, at \$31,668 (Alternate B), submitted the low bid and was awarded contract by the Directors of North Burbank Public Utility District of Butte Co., for the construction of sanitary sewer system consisting of sewer mains and laterals located about one mile south of Oroville.

- Work involves:
- (1) 2,100 l.f. 10-inch sewer mains:
 - (a) using vitrified pipe;
 - (b) using concrete pipe;
 - (2) 5,500 l.f. 8-inch sewer mains:
 - (a) using vitrified pipe;
 - (b) using concrete pipe;
 - (3) 29,500 l.f. 6-inch sewer laterals:
 - (a) using vitrified pipe;
 - (b) using concrete pipe;

- (4) 100 manholes;
 - (5) 37 lampholes.
- Total bids follow:
- (A) Manuel Smith, Oakland, (Alt. A) \$31,668; (B) \$31,668.
 - (B) M. J. B. Const. Co., Stockton, (A) \$33,633; (B) \$32,175.
 - (C) Downer Bros., Berkeley, (A) \$36,817; (B) \$35,949.
 - (D) J. A. Fazio and M. J. McGuire and M. Hester, Oakland, (A) \$38,917.50; (B) \$39,380.50.
 - (E) Underground Const. Co., Oakland, (A) \$39,925; (B) \$37,965.
 - (F) John Pestana, Oakland, (A) \$44,175; (B) \$44,175.
 - (G) Holdener Const. Co., Sacramento, (A) \$50,945; (B) \$49,975.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
\$ 1.15	\$ 1.08	\$ 1.08	\$ 1.08	\$ 1.15	\$ 1.10	\$ 1.35	\$ 1.50
1.08	1.08	1.00	1.08	1.00	1.00	1.35	1.45
.90	.92	.87	.98	.90	1.10	1.35	1.35
.90	.90	.85	.93	.85	1.10	1.30	1.30
.62	.64	.76	.70	.75	.90	.90	.97
.62	.60	.74	.73	.70	.90	.90	.95
60.00	65.00	69.00	100.00	98.00	80.00	112.00	112.00
10.00	25.00	12.00	12.50	20.00	20.00	51.00	51.00

TULARE CO.—GRADING & SURFACING—(STATE)

TULARE COUNTY, Calif.—Piazza & Huntley, 195 N. 6th St., San Jose, at \$58,734.15 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 2.7 miles grading and surfacing with plant-mix surfacing a portion of the State Highway between Exeter and Venida Substation, Tulare Co., Calif.

- Work involves:
- (1) Clear and grub;
 - (2) 1,600 M. gals. water;
 - (3) 166 c.y. remove concrete;
 - (4) 1,450 c.y. roadway excav. without class;
 - (5) 41,500 c.y. import borrow;
 - (6) 580 c.y. struc. excav.;
 - (7) 142 sta. finish roadway;
 - (8) 9,350 tons crusher run base;
 - (9) 5,000 tons min. agg. plant mix surf.;
 - (10) 33 tons liq. asph. SC-2 prime coat;
 - (11) 260 tons liq. asph. ROMC-4 or 5 plant mix surf.;
 - (12) 26,000 sq. yds. prepar. mix and shape shoulders;
 - (13) 215 tons liq. asph. SC-4 road mix surf. treat.;
 - (14) 3,900 sq. yds. asph. paint binder;
 - (15) 5,200 lbs. bar reinf. steel;
 - (16) 75 c.y. class A Portland concrete struts;

- (17) 80 c.y. class A Portland cem. concrete curbs and sidewalks;
 - (18) 24 l.f. 12-in. CMP;
 - (19) 194 l.f. 18-in. CMP;
 - (20) 509 l.f. 28-in. by 6 1/2 part circle C M;
 - (21) 186 l.f. 36-in. by 10 1/2-in. part circle C M;
 - (22) 6 each frames and covers for handholes;
 - (23) 14 each culvert markers;
 - (24) 0.5 miles move and reset fences;
 - (25) 11 each manholes adjusted to grade;
 - (26) 10 each lampholes and handholes adjusted to grade;
 - (27) 34 each monuments;
 - (28) 1 lot misc. items of work.
- Total bids follow:
- (A) Piazza & Huntley, San Jose, \$58,734.15.
 - (B) Oilfields Trucking Co., Bakersfield, \$62,683.40.
 - (C) Larson Bros. and Harms Bros., Sacramento, \$63,818.70.
 - (D) Union Paving Co., San Francisco, \$64,332.80.
 - (E) Pacific States Const. Co., San Francisco, \$67,686.00.
 - (F) Griffith Co., Los Angeles, \$69,617.10.
 - (G) Hemstreet & Bell, Marysville, \$70,692.00.
 - (H) Independent Const. Co., Oakland \$76,105.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
\$1500.00	\$1000.00	\$1200.00	\$500.00	\$800.00	\$2000.00	\$700.00	\$2000.00	\$2000.00
.80	1.00	.90	.80	.70	1.25	1.25	1.00	1.00
3.00	2.50	2.00	1.50	2.00	1.50	3.00	2.00	2.00
3.00	.30	.50	.40	.35	.30	.60	.58	.58
.75	.39	.43	.35	.45	.42	.50	.50	.50
.75	1.00	1.00	1.50	1.00	1.20	1.50	1.00	1.00
4.00	3.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00
1.60	1.85	1.88	2.30	2.10	2.21	1.80	2.05	2.05
2.20	2.30	2.12	2.40	2.40	2.58	2.20	2.37	2.37
8.75	9.00	10.00	8.00	10.00	9.00	15.00	12.00	12.00
11.00	10.50	11.00	9.00	11.50	11.00	12.00	12.00	12.00
.05	.06	.05	.07	.06	.05	.10	.05	.05
10.50	9.00	11.70	9.00	11.50	9.50	13.00	11.50	11.50
.02	.05	.02	.03	.02	.03	.05	.02	.02
.02	.05	.05	.07	.05	.05	.05	.05	.06
.05	.05	.05	.07	.05	.05	.05	.05	.06
16.00	20.00	20.00	15.00	22.00	18.00	25.00	22.00	22.00
15.00	20.00	15.00	14.00	15.00	15.00	15.00	25.00	25.00
1.20	1.50	1.20	1.50	1.25	1.25	1.50	1.50	1.50
1.75	1.70	1.80	1.70	2.00	1.75	1.80	2.00	2.00
1.80	2.00	1.80	2.00	3.00	3.10	3.00	3.00	3.00
2.90	2.85	3.00	3.00	3.00	3.00	3.00	3.00	3.00
18.00	16.50	33.00	20.00	15.00	20.00	60.00	15.00	15.00
3.00	2.00	2.50	3.00	2.50	2.50	2.20	2.50	2.50
350.00	400.00	300.00	500.00	400.00	300.00	500.00	300.00	300.00
3.00	10.00	20.00	10.00	5.00	10.00	20.00	5.00	5.00
3.00	10.00	15.00	8.00	5.00	10.00	20.00	5.00	5.00
3.00	3.00	3.00	2.50	2.50	3.00	3.00	3.00	3.00
200.00	500.00	200.00	400.00	200.00	500.00	800.00	200.00	200.00

- (2) 10 cu. yds. additional excavation and backfill;
- (3) No Item 3;
- (4) Installing pipe:
 - (a) 690 l.f. of 6-in. bolted joint cast iron pipe;
 - (b) 310 l.f. of 8-in. bell and spigot cast iron pipe;
- (5) 3,000 pounds, installing of fittings, gate valves, etc.;
- (6) 50 l.f. bell and spigot joints, making joints for pipe and fittings;
- (6a) 115 bolted joints, making joints for 6-in. cast iron pipe;
- (7) 2,000 sq. ft. of street pavement; repavement;
- (8) 28 3/4-in. screw taps to be installed;
- (9) 360 l.f. 3/4-in. galv. iron service pipe to be installed;
- (10) Furnishing cast iron pipe—Class 150:
 - (a) 690 l.f. 6-in. bolted joint pipe at \$0.74 per l.f.;
 - (b) 310 l.f. 8-in. bell and spigot cast iron pipe at \$1.10 per lin. ft.;
- (11) Furnishing bell end gate valves:
 - (a) One 4-in. valve at \$12 each;
 - (b) One 6-in. valve at \$17 each;
- (12) Furnishing 2,530 lbs. bell and spigot cast iron fittings at \$0.06;
- (13) 200 lbs. steel band and bolts at \$0.05;
- (14) 360 l.f. 3/4-in. galv. iron service pipe at \$0.07;
- (15) Furnishing 3/4-in. fittings for services, \$49.80;
- (16) Engineering and supervision: \$75.00;
- (17) Connections, \$66.00. * 33

BIDS WANTED
 LOS ANGELES, Calif.—Until Dec. 14, 10:00 A. M., bids will be received by the Metropolitan Water District for 90,000 tons, plus or minus 20 per cent, of concrete aggregate for concrete lining for San Jacinto tunnel and adjacent siphon in accordance with Spec. 298. Spec. are obtainable upon payment of \$1. Certified or cashier's check for \$10 must accompany each proposal. Proposals are invited on either or both of two alternative schedules, one providing for delivery of aggregates f.o.b. cars at bidder's plant and unloading and hauling same from San Jacinto siding to the District's batching plant at West Portal, the other for delivery at the District's batching plant at West Portal, San Jacinto tunnel. Award will not be made on more than one schedule * 33

BIDS OPENED
 AGNEWS, Santa Clara Co., Cal.—Dan Capote, 885 Delmas Ave., San Jose, at \$14,57.65 submitted low bid to the State Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento, for the completion of flood damage repairs, Coyote River, Agnews State Hospital Farm, Agnew.
 Work consists of repairs to banks of Coyote River, the placing of bank protection, construction of embankments and certain misc. items, as follows:
 (1) clearing;
 (2) 150 c.y. trench excavation;
 (3) 2640 c.y. bank excav. placed in levees;
 (4) 325 c.y. backfill on slopes;
 (5) 50 c.y. fill on banks, borrowed material;
 (6) 160 c.y. Class X conc. in trenches and walls;
 (7) 760 c.v. Class Y concrete sacked and placed;
 (8) 1300 l.f. 2-in. GI pipe driven in place;
 (9) 38,100 sq. ft. galv. elec. welded fabric in place on banks;

(10) 1590 lbs. reinf. steel in place.

Total bids follow:

- (A) Dan Caputo, San Jose, \$14,157.65.
- (B) E. T. Lesure, Oakland, \$15,236.50.

Unit prices follow:

	(A)	(B)
(1).....	\$850.00	\$950.00
(2).....	1.50	4.00
(3).....	.80	.60
(4).....	1.25	1.50
(5).....	1.00	2.00
(6).....	10.00	9.00
(7).....	9.00	9.25
(8).....	.35	.50
(9).....	.04	.06
(10).....	.06	.10

lamation, Provo, Utah, under Spec. No. 808, for the construction of the Olmsted and Alpine-Draper tunnels for the Salt Lake Aqueduct, Aqueduct Division, Provo River Project

Work involves:
 Schedule 1: Olmsted Tunnel with "Y"=3 inches and "Z"=7 inches.
 Schedule 2: Olmsted Tunnel with "Y"=4 inches and "Z"=8 inches.
 Schedule 3: Alpine-Draper Tunnel with "Y"=3 inches and "Z"=7 inches.
 Schedule 4: Alpine-Draper Tunnel with "Y"=4 inches and "Z"=8 inches.
 Complete bids were:

George K. Thompson Co., Los Angeles; Sch. 1, \$129,057.50; Sch. 2, \$130,455.50; Sch. 3, \$617,443.00; Sch. 4, \$625,883. Stipulation: both tunnels together or for the Alpine-Draper tunnel alone.

R. G. Clifford, San Francisco; Sch. 1, \$135,293; Sch. 2, \$136,608; Sch. 3, \$678,548; Sch. 4, \$681,223. Stipulation:

either Sched. 3 or 4 alone; will not accept either Sched. 1 or 2 alone; will accept a combination of Sched. 1 and 3 together in which case deduct from Items 5 and 35, \$1.50 per yd. or \$14,460 in all, will accept a combination of Sch. 2 and 4 together, in which case deduct from Items 20 and 52, \$1.50 per yd., or \$16,050 in all.

W. W. Clyde & Co., Springville, Utah; Sch. 1, \$130,108; Sch. 2, \$136,055.50.

Stroud-Seabrook and C. M. Elliot, Los Angeles; Sch. 1, \$130,990; Sch. 2, \$135,828.75; Sch. 3, \$736,278; Sch. 4, \$746,438.00.

L. E. Dixon Co., Los Angeles, Sch. 3, \$676,488; Sch. 4, \$681,668.00.

L. E. Breckon, James H. Thomas, and Lloyd Pratt, Salt Lake City, Sch. 1, \$132,704; Sch. 2, \$137,529.00.

T. E. Connolly, Inc., San Francisco; Sch. 1, \$140,123; Sch. 2, \$144,073; Sch.

35— TUNNELS

COMPLETE BIDS

PROVO RIVER PROJECT, Utah.—Geo. K. Thompson Co., 104 Spring St., Los Angeles, submitted low bid to the U. S. Bureau of Rec-

KERN COUNTY—OVERHEAD CROSSING—(STATE)

KERN COUNTY, Calif.—United Concrete Pipe Corporation, Box 1, Sta. H, Los Angeles, at \$178,460.70, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of an overhead crossing over the tracks of Atchison, Topeka and Santa Fe Railway at Oak Street in Bakersfield, consisting of one 88-foot, one 80-foot, one 68-foot and seventeen 45-foot steel girder spans with reinforced concrete deck supported on concrete bents on treated timber piles and approximately 0.44 mile of paving with Portland cement concrete and plant-mix surfacing, Kern County.

- (1) 60 c.y. remove concrete;
- (2) 1 lot clear and grub;
- (3) 275 M. gals. water;
- (4) 450 c.y. rdwy. excav., unclass.;
- (5) 1900 c.y. struc. excav.;
- (6) 7500 c.y. imported borrow;
- (7) 2400 sq. yds. prepare subgrade;
- (8) 14 sta. finish rdwy.;
- (9) 4 tons liquid asph., SC-2 (prime coat);
- (10) 60 tons liquid asph., MC-5 (plant mix surf.);

- (11) 1,200 tons min. agg. (plant mix surf.);
- (12) 5 tons liquid asph. MC-3 (seal coat);
- (13) 45 tons screenings (seal coat);
- (14) 2,000 sq. yds. asph. paint binder;
- (15) 12 tons liquid asph., SC-4 (road mix surf. treat.);
- (16) 1,400 sq. yds. prepare, mix and shape shoulders and road approaches;
- (17) 130 c.y. Portland cement conc. base;
- (18) 325 c.y. Class A Portland cement conc. pave;
- (19) 640 each pavement dowels;
- (20) 155 each pave. tie bolt assemblies;
- (21) 387,000 lbs. bar reinf. steel;
- (22) 2,560 c.y. Class A Portland cement conc. struc.;
- (23) 175 c.y. do. (ralling);
- (24) 825,000 lbs. struc. steel;
- (25) 9,600 lbs. cast steel;
- (26) 51,000 lbs. blast plates;
- (27) 500 lbs. misc. steel;
- (28) 20,840 l.f. furnish treated Douglas fir piles;
- (29) 821 each driving do.;
- (30) 275 c.y. Class A Portland cement conc. curbs, gutters and sidewalks;

- (31) 732 lbs. steel copper;
- (32) 0.1 mile move and reset property fences;
- (33) 26 each monuments;
- (34) 1 lot light equip.;
- (35) 1 lot misc. items of work.

Total bids follow:
 (A) United Concrete Pipe Corporation, L. A., \$178,460.⁷⁰
 (B) Earl W. Heple, San Jose, \$179,498.00.
 (C) Griffith Co., L. A., \$179,670.06.
 (D) Union Paving Co., S. F., \$183,431.70.
 (E) Heafey-Moore and Fredrickson and Watson Const. Co., Oakland, \$188,500.59.
 (F) J. F. Knapp, Oakland, \$189,890.
 (G) White and Wilberg, Santa Monica, \$189,969.50.
 (H) Gibbons and Reed Co., Burbank, \$193,285.30.
 (I) Vincent and Pringle, Phoenix, Ariz., \$195,749.59.
 (J) Oscar Berg, L. A., \$197,935.90.
 (K) M. B. McGowan, Inc., S. F., \$209,528.00.
 (L) J. H. Pomeroy & Co., Inc., S.F., \$211,016.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$ 3.00	\$ 1.00	\$ 3.00	\$ 1.50	\$ 1.00	\$ 1.50	\$ 1.50	\$ 1.25	\$ 1.19	\$ 1.75	\$ 1.20	\$ 1.64
(2).....	300.00	150.00	300.00	200.00	175.00	100.00	300.00	500.00	120.00	350.00	120.00	256.53
(3).....	1.00	1.00	.75	1.00	1.48	1.00	1.00	1.00	90	1.50	1.20	3.59
(4).....	.40	.50	.40	.70	.47	.60	.50	.50	.60	1.00	.60	.59
(5).....	.80	1.00	1	.80	.60	1.00	.80	1.00	.75	1.50	2.40	1.75
(6).....	.50	.70	.45	.70	.70	.60	.55	.85	.90	.52	.70	.71
(7).....	10	12	12	10	15	10	12	10	12	12	12	12
(8).....	10.00	10.00	10.00	15.00	8.00	10.00	10.00	15.00	18.00	9.00	12.00	7.08
(9).....	12.00	12.00	9.00	15.00	8.33	10.00	15.00	20.00	25.00	20.00	18.00	10.33
(10).....	10.00	10.00	10.00	10.00	9.50	12.00	10.00	12.00	9.50	10.00	18.00	10.88
(11).....	2.50	3.50	2.80	3.00	3.00	3.60	3.90	3.50	4.60	3.65	5.40	4.17
(12).....	17.00	14.00	12.00	15.00	10.70	12.00	15.00	20.00	25.00	20.00	18.00	13.23
(13).....	4.00	3.00	2.60	3.00	2.38	3.00	3.00	2.50	3.00	3.50	4.20	4.19
(14).....	.02	.10	.03	.03	.03	.05	.04	.03	.06	.05	.04	.06
(15).....	10.00	12.00	10.00	15.00	10.70	10.00	30.00	10.00	11.35	17.00	18.00	11.14
(16).....	.07	.20	.12	.10	.12	.15	.10	.10	.60	.14	.12	.14
(17).....	7.00	9.00	8.00	9.00	9.50	10.00	10.00	9.00	11.90	9.30	10.00	9.58
(18).....	7.50	10.00	9.00	9.50	12.00	12.00	11.00	10.00	11.95	10.17	10.00	13.49
(19).....	.15	.20	.12	.20	.25	.15	.15	.15	.18	.15	.15	.15
(20).....	.40	.50	.45	.50	.50	.50	.50	.60	.60	.60	.60	.54
(21).....	.045	.045	.046	.045	.043	.044	.046	.05	.043	.048	.05	.048
(22).....	18.00	17.50	18.44	18.50	20.50	18.00	20.00	18.50	17.90	24.23	23.00	22.25
(23).....	50.00	50.00	50.00	45.00	50.00	60.00	60.00	45.00	47.80	52.00	50.00	68.96
(24).....	.0637	.063	.064	.065	.064	.065	.062	.066	.071	.064	.07	.069
(25).....	.20	.25	.22	.20	.18	.22	.27	.26	.266	.23	.26	.19
(26).....	.10	.08	.08	.075	.09	.075	.10	.0825	.048	.078	.084	.083
(27).....	.20	.35	.30	.30	.25	.25	.15	.25	.42	.30	.18	.37
(28).....	.63	.70	.70	.65	.72	.70	.70	.65	.72	.62	.65	.723
(29).....	17.00	12.00	11.50	17.00	14.50	12.00	16.00	25.00	15.50	12.00	17.00	11.80
(30).....	11.00	14.00	13.00	14.00	16.00	20.00	12.00	15.00	17.90	14.25	12.40	13.36
(31).....	.50	.60	.48	.60	.53	.50	.50	.50	.40	.50	.57	.57
(32).....	500.00	700.00	300.00	500.00	400.00	500.00	1000.00	500.00	119.50	400.00	800.00	1180.00
(33).....	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	5.00	3.00	8.17
(34).....	5000.00	5000.00	5100.00	6000.00	5000.00	6000.00	5480.00	5600.00	7740.00	4600.00	3821.00	7652.30
(35).....	1000.00	1000.00	800.00	1000.00	925.00	5000.00	1000.00	760.00	420.00	1433.00	3565.00	4064.57

ALAMEDA COUNTY PERMITS UNDER \$1000

SIGNS, metal, two, \$25 each; 530 Broadway, Oakland; owner, H. W. Starr; contractor, Hamilton Sign Co., 2073 Franklin St.
 SIGN, electric, \$197; 1416 Fruitvale Ave., Oakland; owner, K. Christensen, premises; contractor, Cahill Neon Displays, 3301 School.
 SIGN, electric, \$25.00; 2520 Foothill Blvd., Oakland; owner, J. Kralj,

premises; contractor, Cahill Neon Displays, 3301 School St.

FIRE ESCAPE, \$150; 2324 Piedmont, Berkeley; owner, Pi Kappa Alpha, 2324 Piedmont; contractor, Broadway Ornamental Works, 4162 Broadway, Oakland.
 ADDITION TO garage, \$100; 719 Jean St., Oakland; owner and builder, J. L. Dibert, 719 Jean St.
 ALTER, \$75; 460 7th St., Oakland; owner and builder, John Koyama, 626 Clay St.

ADDITION, steel, \$450; 5350 Foothill Blvd., Oakland; owner, Gilmore Oil Co.; contractor, A. W. Clark, Jr., 214 Bank of Commerce Bldg.
 RE-ROOF, \$125; 2404 Seminary Ave., Oakland; owner, Mrs. Walsh, 86 Cambridge Way, Piedmont; contractor, Wm. J. Finn, 15 Echo Ave.
 REPAIRS, \$20; 825 Lydia St., Oakland; owner, Mary Payne, 827 Lydia St.
 Brown Roof Co., 523 49th St.

UPPER NARROWS DAM—(GOVT)

YUBA AND NEVADA COUNTIES, Cal.—Arundel Corp. and L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at \$2,175,271.50 submitted the low bid to the United States Engineer Office, District Engineer, Room 208, Post Office Bldg., Sacramento, for the construction of the Upper Narrows Debris Control Dam on the Yuba River.

The dam will be of the concrete arch type, about 1153 feet in length on the crest and about 265 feet high above the main foundation bedrock. The spillway will be the overflow type discharging over the central portion of the dam. It is estimated that approx. 231,500 c.y. of foundation excavation and the placing of approximately 334,410 c.y. concrete will be required to complete the dam.

Work involves:

- (1) Diversion and care of river during construction and unwatering foundations, lump sum;
- (2) Clearing dam site area;
- (3) 206,000 c.y. excav. for foundations of conc. dam above elevation 295;
- (4) 24,000 c.y. excav. for foundations conc. dam below elevation 295;
- (5) 1,500 c.y. excav. along fault below base of dam;
- (6) 25 c.y. gravel for drains;
- (7) 450 lf. drilling grout holes less than 25 ft. deep;
- (8) 1,000 lf. drill grout holes 25 ft. to 40 ft.;
- (9) 1,000 lf. drilling grout holes over 40 ft. deep;
- (10) 200 lf. core drill grout holes less than 25 ft. deep;
- (11) 800 lf. core drill grout holes 25 to 40 ft.;

- (12) 4,000 lf. core drill grout holes over 40 ft.;
- (13) 337,000 bbls. unloading and storing cement;
- (14) 18,000 lbs. furnish and install pipe and fittings for foundation and tunnel grouting;
- (15) 57,000 lb. furnish and install pipe and fittings for radial contraction joint grouting;
- (16) 1,600 c.y. conc. backfill in fault and exploration tunnels class "B";
- (17) 331,800 c.y. conc. in dam class "B";
- (18) 410 c.y. conc. in retaining walls class "B";
- (19) 590 c.y. conc. in aeration piers class "A";
- (20) 25,400 sq. ft. finish conc. surface of spillway crest;
- (21) 6,000 c.f. pressure grout other than radial contraction joints;
- (22) 1,200 c.f. pressure grouting radial contraction joints in dam;
- (23) 72,000 lb. furnish and place steel reinf.;
- (24) 6,600 lb. furnish and place copper water stops in radial contraction joints;
- (25) 11,500 lb. furnish and place galv. iron grout stops in radial contraction joints;
- (26) 150 lf. furnish and install 4-in. wrought iron pipe drains;
- (27) 48 each install straining gages in dam;
- (28) 44 each install resistance thermometers in dam;
- (29) 29,000 lf. furnish and install 3 wire No. 16 gage coded type S electrical cable;
- (30) 32,000 lf. furnish and install 4 wire No. 16 gage coded type S electrical cable;

- (31) 200 lf. furnish and install 2-inch diam. elec. metal conduit with necessary fittings;
- (32) 600 lf. furnish and install 32 in. diam. elec. metal conduit to accommodate approx. 92 cables from crest of dam to outlet cabinets;
- (33) 2 each furnish and install elec. outlet cabinets for strain, gage and resistance thermometer circuit control;
- (34) 3,200 lb. misc. metal work;
- (35) 1 job remove dismantling and saving exist. suspension foot bridge.

Total bids follow:

- (A) Arundel Corp. and L. E. Dixon Co., Los Angeles, \$2,175,271.50.
- (B) George Pollock Co., Sacramento, \$2,195,098.25.
- (C) Winston Bros. Const. Co., Los Angeles, \$2,325,266.50.
- (D) California Constructors, Inc., (Jahn & Bressi Const. Co., Mike Bevanda, R. G. Clifford, David G. Gordon), Los Angeles, \$2,324,775.00.
- (E) Bent Bros., Inc., and Griffith Co., Los Angeles, \$2,339,732.00.
- (F) Hanrahan - Connolly Co., S. F., \$2,559,048.00.
- (G) A. Teichert & Son, Inc., Sacramento, and D. W. Thurston, Los Angeles, \$2,562,295.00.
- (H) Macdonald & Kahn Co., Ltd., San Francisco, \$2,871,537.00.
- (I) Bates and Rogers Const. Corp., Oakland, \$2,953,491.55.
- (J) Guy F. Atkinson and Kier, San Francisco, \$3,088,863.00.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1) \$100,000.00	\$150,000.00	\$113,900.00	\$40,000.00	\$20,000.00	\$60,000.00	\$100,000.00	\$90,000.00	\$130,000.00	\$150,000.00
(2) 5,000.00	580.00	600.00	5,000.00	4,000.00	21,000.00	2,500.00	2,300.00	1,300.00	3,500.00
(3) 3.30	3.25	3.00	3.50	3.90	4.00	3.00	4.00	2.57	4.00
(4) 3.30	3.25	3.60	6.00	4.75	4.00	3.00	4.00	5.45	5.00
(5) 7.00	9.30	12.50	10.00	6.20	15.00	6.00	6.40	13.75	12.00
(6) 5.00	3.75	5.00	10.00	2.00	2.00	2.00	3.60	3.35	4.00
(7) 1.35	1.75	1.00	1.60	1.00	1.00	1.70	1.40	1.10	1.00
(8) 1.35	2.00	1.25	2.60	2.00	2.00	1.75	2.30	1.65	1.50
(9) 1.35	2.90	2.50	2.60	2.00	2.25	1.75	2.65	2.20	3.00
(10) 2.50	2.30	4.40	4.30	3.00	2.00	3.50	2.30	3.60	2.50
(11) 2.50	3.50	4.40	4.30	3.00	2.25	3.50	3.50	3.60	3.00
(12) 2.50	4.05	4.40	4.00	3.00	2.50	3.50	4.60	3.60	3.00
(13) .10	.025	.10	.04	.015	.08	.06	.11	.06	.10
(14) .15	.35	.18	.18	.15	.20	.15	.35	.47	.20
(15) .60	.75	.60	.60	.40	.50	.60	.58	.56	.75
(16) 6.00	13.25	11.00	8.00	6.00	8.00	7.80	11.50	16.00	10.00
(17) 3.48	3.32	3.95	3.75	3.86	4.20	4.75	5.00	5.95	5.40
(18) 12.00	10.20	8.80	15.00	10.00	10.00	9.00	11.50	8.90	8.00
(19) 20.00	26.00	18.75	20.00	14.00	20.00	15.00	23.00	13.25	22.00
(20) .06	.13	.125	.10	.10	.05	.10	.12	.09	.15
(21) .75	2.50	1.00	2.00	1.00	1.00	2.25	1.85	2.90	1.50
(22) 1.75	1.30	1.95	2.00	1.00	1.50	2.00	1.85	2.90	2.00
(23) .06	.06	.087	.08	.055	.06	.06	.07	.05	.45
(24) .50	.75	.52	.60	.65	.50	.45	.70	.58	1.00
(25) .25	.45	.35	.35	.45	.40	.25	.45	.33	.50
(26) 1.00	1.50	2.00	3.00	1.80	2.00	1.50	1.20	1.55	1.50
(27) 12.50	30.00	8.00	10.00	7.00	6.00	10.00	12.00	13.20	7.00
(28) 12.50	30.00	8.00	10.00	7.00	5.00	10.00	12.00	14.30	8.00
(29) .10	.20	.115	.10	.10	.12	.20	.14	.076	.15
(30) .12	.20	.14	.14	.12	.15	.25	.17	.105	.20
(31) .75	1.15	2.00	.60	.50	2.25	1.00	.45	.67	.75
(32) 1.75	3.50	1.25	1.20	1.00	1.15	1.75	1.15	1.15	1.25
(33) 350.00	875.00	800.00	500.00	700.00	600.00	700.00	900.00	1,000.00	300.00
(34) .18	.20	.35	.30	.25	.30	.25	.30	.26	.15
(35) 500.00	600.00	2,450.00	1,000.00	500.00	500.00	500.00	550.00	1,000.00	500.00

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



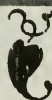
AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Gerwick Low on Mare Island
Project

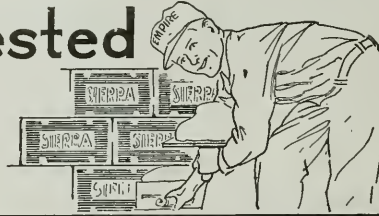


Dodge A. Riedy Named City Architect



**Building Permits, Advance Reports
of Building and Engineering
Projects**

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., DECEMBER 10, 1938

No. 50

BIDS DEC. 29 ON TWO STATE JOBS IN SOUTH

Mojava River Bridge, River- side Paving Contracts Out For Proposals

SACRAMENTO, Dec. 6. — The State Highway Commission today authorized advertising for bids on two contracts for bridge and highway construction in San Bernardino and Riverside counties.

Bids on both jobs will be opened December 29 in the offices of the State Division of Highways, State Building, Los Angeles.

The first contract involves construction of a bridge across the Mojave River at Baker in San Bernardino county, and grading, paving, imported surfacing materials, and applying road-mixed surfacing treatment to approaches.

Timber Stringer Spans

The proposed bridge will be 408 feet in length and will consist of timber stringer spans with concrete decks on pile bents.

Principal items include: 244 M. allons of water; 8,400 c.y. of unclassified excavation; 26,600 stds. overhaul; 1,330 c.y. of imported surfacing material; 8 stations of road; 4,000 square yards of repairing, mixing and shaping the roadbed; 51 tons of liquid asphalt of various grades; 38,000 pounds of bar reinforcing steel; 215 cubic yards of Class A Portland cement concrete; 86 M. FBM redwood timber dense, select, all heart structural grade; 36 M. FBM redwood timber, select all heart structural grade; 23 M. FBM salvaged redwood timber; 4,930 lineal feet of treated Douglas fir piles; and 128 lineal feet of CMP.

Paving Contract

The other job, for which bids will be opened in Los Angeles December 29, involves about 4.8 mi. of grading and paving with plant-mixed surfacing and Portland cement concrete between the Orange county line and Corona in Riverside county.

Unit prices will be submitted on thirty-four items. Principal items include: 340,200 c.y. of unclassified road excavation; 2,736,000 stds. overhaul; 5,100 c.y. of struc-

MATERIAL PRICES SLIGHTLY HIGHER

Average building material prices, as indicated by the weekly index prepared by the U. S. Bureau of Labor Statistics, were slightly higher during the week ended November 26, the bureau reported yesterday. The index rose 0.1 per cent above the level of the preceding week.

Chiefly responsible for the slight increase were higher prices for linseed oil and hemlock, spruce and yellow pine lumber, the bureau report said. Prices of copal gum, turpentine and red cedar shingles averaged lower. The index stood at 89.4 per cent of the 1926 average.

Cement Shipments Over 1937 Level

Portland cement plants in the United States shipped 12,357,000 barrels of cement during October, 1938, as compared to 11,190,000 barrels shipped during the same month in 1937, Director John W. Finch of the Bureau of Mines reports.

Fuel consumption during the month follows: coal, 486,378 short tons; oil, 146,581 barrels aggregating 6,156,402 gallons; and natural gas, 3,550,223,071 cubic feet.

Clinker production amounted to 10,917,000 barrels during the month and finished cement production totaled 11,556,000 barrels, according to the report of the Bureau of Mines. Stocks of coal at cement mills increased from 312,740 short tons at the beginning of the month to 329,780 short tons at the end.

tural excavation; 1,850 c.y. of removing bituminous surfacing; 89,600 tons of surfacing material; 1,181 tons of liquid asphalt; 9,350 tons of mineral aggregate plant-mixed surfacing; 48,000 pounds of bar reinforcing steel; 325 c.y. of Class B Portland cement concrete pavement; 486 c.y. Class A Portland cement concrete structures; and 2,270 l.f. of CMP of various diameters.

DODGE A. RIEDY NAMED TO CITY ARCHITECT POST

Supervision of School Program First Big Task for New Official

Architect Dodge A. Riedy Friday took over the post of City Architect of San Francisco following his appointment to the position by Chief Administrative Officer Alfred J. Cleary.

He brings to his new office a wealth of experience in both the municipal construction and architectural fields.

Born and raised in San Francisco, and active in civic affairs, Mr. Riedy embarks upon his career as city architect with a thorough knowledge of San Francisco's construction problems.

Within a few hours of taking office he was at work on the \$4,931,105 PWA school construction program, as Director A. D. Wilder of the Department of Public Works called for bids for grading two school sites.

Native of City

Mr. Riedy was born in San Francisco in 1886 and pursued his education in the Bay Region.

Between 1911 and 1918 he was connected with the City Engineer's office and in this position supervised construction of pumping stations, the central fire alarm station, portions of the Twin Peaks Tunnel, municipal railway structures, and a wide variety of projects then underway.

In 1924 he became active as a private architect, gaining wide recognition throughout California.

Among the many structures which he designed during the following years are: the City and County jail; the Lawton School; additions to the West Portal School; the Tea Garden Products Building, and the Vallejo Elks Club.

New orders for steel boilers taken during the first nine months of 1938 amounted to 5,484,550 units, as compared to orders for 8,131,760 unit booked during the same period in 1937, the Bureau of Census announces.

FISHER HEADS COMMITTEE ON SHIPBUILDING

**Will Direct Chamber Efforts
For Stimulus to Pacific
Shipyards**

R. E. Fisher, San Francisco civic and industrial leader, yesterday was appointed chairman of the California State Chamber of Commerce committee on shipbuilding and ship operators.

In announcing the appointment, W. C. Mullendore, Los Angeles, State Chamber director and Industrial Committee chairman, stated that Fisher was being drafted for the past because of his intimate knowledge of the needs of the Pacific Coast in ship construction.

Objective of the committee will be to secure definite contracts for ship construction for Pacific Coast yards and to build up a continuity of shipbuilding over a long time basis.

Aid to Defense

For the past three years the State Chamber of Commerce has been active in promoting California shipbuilding. Cooperating with California delegates in Congress, a six per cent differential was secured for west coast yards. More recently, authorization was secured from Congress for the U. S. Maritime Commission to allocate ship construction to Western yards as an aid to National Defense without regard to low bid.

Accepting the chairmanship of this important committee, Fisher stressed the need for new equipment and new facilities for yards already operating, in order that they might be in a position to service naval as well as commercial vessels in time of national emergency. "The only way this can be done effectively," said Fisher, "is to give them work to do now. That will be our job."

The first meeting of the new state-wide committee will be held in San Francisco early this coming week.

EMPLOYMENT SERVICE PLACEMENTS INCREASE

Placement in private employment of "white collar" or commercial workers by the Commercial Office of the California State Employment Service during the first 11 months of 1938 increased 1332 over the number of placements during the corresponding 1937 period, according to a report issued yesterday by Irene Bergman, San Francisco county manager for the service.

Of these commercial workers, 470 were placed during November, Miss Bergman reported.

Bay Bridge Traffic In November Reaches Largest '38 Volume

San Francisco-Oakland Bay Bridge traffic during November climbed to a new high for 1938, it was revealed yesterday by Chief Engineer C. H. Purcell in a monthly traffic report filed with Director of Public Works Earl Lee Kelly.

Total number of vehicles to cross the bridge last month was 783,252, averaging 26,108 vehicles per day. This is an increase of 12 per cent, or an increase of 2800 vehicles per day over November, 1937. High point of the month was Saturday, November 19, the day of the Big Game, when 40,761 vehicles crossed the span.

Freight pounds, too, increased last month with a total of 115,921,750. This was an increase of 86 per cent over November a year ago. Total number of trucks and trailers to cross the Bay Bridge in November was 41,503, a 60 per cent increase over November, 1937.

Revenues Show Gain

Total revenues for November were \$410,709.65, an increase of 11 per cent over the same period last year. For the year 1938 to date 7,873,646 vehicles have crossed the bridge, bringing the grand total since the bridge opening on November 12, 1936, to 18,318,196 vehicles.

Comparative figures follow:

	Total November	Total October
Auto Trailers	859	1,149
Pass. Autos	708,587	668,232
Mortorcycles	2,461	2,677
Tricars	1,210	983
Buses	13,239	13,594
Trucks	39,760	39,384
Truck Trailers.....	1,743	1,658
Toll Vehicles	767,859	747,672
Auto Passes	13,787	13,720
Truck Passes	1,626	1,591
Total Vehicles	783,252	762,983
Extra pas'gers.....	238,999	235,728
Freight lbs.....	115,921,750	105,683,917

Employers Council Organized in S. F.

Formation of a new "San Francisco Employers' Council" was announced yesterday by Roger D. Lapham, chairman of the group's organization committee, following the filing of incorporation papers. According to Mr. Lapham's statement, the Employers' Council "is largely patterned on the Central Labor Council idea." It will attempt to bring together employers' associations of the city in a centralized group to facilitate joint action, at the same time leaving each of the constituent groups "an autonomous body with full power to conduct its own employer-employee relations."

Simultaneously, it was learned that the Industrial Association of San Francisco, organized 17 years ago, will be dissolved to make way for the new council.

S. F. BIDDER LOW ON SHOP FOUNDATIONS

**Gerwick Bids \$266,017; Mac-Donald & Kahn Submit
Close Second Figure**

WASHINGTON, D. C., Dec. 7.—Navy Department construction programs at two San Francisco Bay locations moved forward today as the Bureau of Yards & Docks opened bids on one contract and invited proposals on another.

Advertised for bids today was the contract for construction of ship building foundations at the Alameda Naval Air Station. Bids will be opened in Washington, D. C., January 18, it was announced. Work to be done under the contract is covered in Spec. No. 9033.

Extremely close bidding featured the opening of proposals for machine shop foundations at the Mare Island Navy Yard.

Gerwick Low Bidder

Low bidder was Ben C. Gerwick, Inc., 112 Market street, San Francisco, with a proposal of \$266,017.

Second low bidder was MacDonald & Kahn Co., Ltd., San Francisco, whose bids was a scant \$645 over the low proposal at \$266,662.

DeLuca & Son, Inc., San Francisco, submitted a third low bid of \$271,500. Navy Department officials said.

Bids were taken under advisement, pending completion of the usual legal and engineering checking.

Bids December 14 On Switch System

The San Francisco Public Utilities Commission yesterday issued calls for bids for laying six-inch cast iron mains in Melrose avenue and Los Palmos drive, and constructing an electric switch and signal system for the Bay Bridge Terminal loop.

Bids on the switch and signal system contract will be opened December 14.

Bids on the waterworks job will be opened December 22. The work involves installation of about 560 lineal feet of six-inch cast iron pipe. Principal items include: excavation of 560-foot trench, 17-in. wide by 36-in. deep; installing 1,000 pounds of fittings; and 200 square feet of repavement.

New orders for malleable iron castings booked during September, 1938, amounted to 29,061 short tons as compared to orders for 25,752 short tons booked during the preceding month, the Bureau of Census reports.

WILL ADVERTISE FINAL AQUEDUCT WORK IN SPRING

Distribution System 60% Complete; Actual Delivery Of Water Nears

That actual delivery of Colorado River water to Los Angeles and twelve other Southern California cities rapidly is nearing a reality was revealed yesterday in a Metropolitan Water District report stating that more than 60 per cent of the distribution system of the giant Metropolitan Aqueduct is now completed.

With work on the main line of the 92-mile aqueduct now practically finished, construction activities are being centered in the Los Angeles metropolitan area, according to Julian Hinds, assistant chief engineer of the Water District.

Holing through of the 13-mile San Jacinto tunnel in November cleared away the last barrier on the main aqueduct, which will carry water 242 miles from the Colorado River to the Cajalco Reservoir near Riverside. From this terminal reservoir, 150 miles of distributing pipe lines are being built to deliver the aqueduct water to each city in the Metropolitan Water District.

Upper Feeder Finished

The principal artery of this grid work of feeder lines is the 60-mile "upper feeder" which has already been constructed and which will bring Colorado River water as far west as the city of Glendale. Construction is under way at the present time through Los Angeles on the Palos Verdes lateral, which connects with the upper feeder in Eagle Rock Canyon and will deliver water to the District cities of Los Angeles, Compton, Torrance and Long Beach.

Glendale and Burbank, in the northern part of the Water District area, will be served by an extension of the upper feeder which now tunnels through the San Rafael Hills. The Water District plans to call for bids in February of 1939 for the construction of this extension to these San Fernando Valley cities.

Present plans of the District indicate that Beverly Hills and Santa Monica will be served by exchanging water with the city of Los Angeles, or by a lateral which would be an extension of the line to be built to Burbank, Anaheim, Fullerton, and Santa Ana, the three Orange county cities which are a part of the Metropolitan Water District, will receive water through a lateral to be built south from the upper feeder at a point near San Dimas on Foothill boulevard.

The building of these latter lines has been deferred until 1939 because they "present no particular-

ORDER VOLUME AT NORTHWEST MILLS STEADY

Despite the short holiday week, orders booked by Northwest lumber mills for the week ending November 26 were almost as great as in the preceding week, it was reported yesterday.

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending Nov. 26, produced 68,432,348 board feet of lumber. The sharp decrease from the previous week was due largely to the Thanksgiving Day holiday. At the rate of cutting at the reporting mills, the entire industry produced 43.4 per cent of its average weekly cut during 1927-1929.

The new business reported taken by the 151 mills was 90,254,352 board feet. Shipments were 69,226,996.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	36,892,566	26,986,539
Domestic		
Cargo	44,562,349	33,265,825
Export	2,653,275	2,828,470
Local	6,146,162	6,146,162
	90,254,352	69,226,996

The unfilled order file at these mills stood at 273,705,834 bd. ft.

As compared with the preceding week's totals, production was about 19,700,000 feet lower, and shipments were off about 12,000,000. New business, however, was only an approximate 1,300,000 feet under the total for the preceding week.

Building in L. A. Gains in November

Three thousand two hundred and ten building permits were issued in Los Angeles during November for construction estimated to cost \$5,286,889. C. Makutchan, superintendent of building, announces.

Construction during the month showed a gain of more than a million and one-half dollars over the figure for the same month in 1937, when 2,569 permits were issued for construction valued at \$3,699,660. A drop from the \$6,625,722 total for October, 1938, was registered, however.

During the month, 888 permits were issued for dwellings and apartment houses costing \$3,662,786, according to Mr. Makutchan. This type of construction accounted for 69.28 per cent of the total value of all work done during the month.

ly difficult construction problems" and can therefore be completed in a relative short period.

THREE SONOMA COTTAGES OUT FOR PROPOSALS

State Advertises Work at Eldridge; Grandstand Foundation Bids Invited

SACRAMENTO, Dec. 6.—Another project in the State institutional building program and a foundation contract for the 36th District Agricultural Association were ordered advertised for bids today by the State Division of Architecture.

Bids will be opened here December 28 for construction of three assistant physicians' cottages at Sonoma State Home in Eldridge.

The work will be let under separate contracts as follows: general work; plumbing and heating; electrical work.

The cottages will be one-story wood frame buildings with wood shingle roof covering. Also to be constructed are three garages and roadwork.

Grandstand Foundations

Bids on the other contract ordered advertised this week will be opened Friday, December 16, it was announced.

The job involves construction of foundations for a grandstand and exhibit building for the 36th District Agricultural Association at Dixon, Solano county.

Foundation work now out for bids includes excavating, grading, forms, concrete work and steel anchors for the concrete piers and foundation walls of the grandstand and exhibit building.

The grandstand will be approximately 216 feet long and 32½ ft. wide, while the exhibit building will be 100 feet long and 60 feet wide. The buildings themselves, to be constructed later, will be wood frame structures.

LUMBER DEALERS TO LAUNCH SALES DRIVE

"Tested Selling Methods", the new sales development program of merchandising institute of National Retail Lumber Dealers Association, Inc., is off the press and ready for distribution, it is announced. Retailers who have not received their copies may obtain them by writing to the Merchandising Institute at 82 St. Paul street, Rochester, New York.

The whole story of how the program was prepared, the subject matter of the program, how the program will be conducted, and the results to be expected by those who enroll, is told in the new booklet. The Merchandising Institute of the National Retail Lumber Dealers Association is composed of dealer associations throughout the country.

Employment in Heavy Industry Reflects Gains in Private, Public Construction

PWA's march to construction in its 1938 program has been accompanied by a simultaneous increase in employment and production in America's basic heavy industries, as was forecast, according to a report to Public Works Administrator Harold L. Ickes.

Summarizing the progress made since PWA began making allot-

ments June 22, Howard A. Gray, Assistant Administrator, reported that during the period PWA was making its allocations, the steel production index jumped from 28 to 62.5 per cent of capacity. The increases in steel production coincided with the placing of heavy amounts of PWA construction contracts on the market, and the preparation of plans and calls for bids for thousands of construction jobs.

The report fulfills the forecast made to the President as to the regenerative effects a new PWA program would have on employment and industry. At the time the 1938 Act was under consideration, the Bureau of Labor Statistics of the United States Department of Labor pointed out that a heavy construction program would inevitably bring considerable stimulation to employment and production in heavy industry. On the basis of the funds authorized by Congress, for example, the Bureau said that more than \$280,000,000 worth of steel would be needed to carry out the Act.

Contributed to Gains

Mr. Gray reported to Administrator Ickes that the PWA could not, and does not, claim full credit for the revival of the steel business, as many other factors in the industrial field played their part. However, the manner in which the step-up in production coincided with the release of millions of dollars worth of PWA construction contracts and orders for materials indicate that the program at least contributed to the gain.

Analysis of the sequence of PWA allotments and increases in steel ingot production is shown in the following table. After the date in the first column is given the approximate construction value of the PWA projects authorized at that time. The third column gives the percentage of ingot capacity of the steel industry as of the week ending on the date specified, as recorded by Iron Age:

Week Ending	(A)	(B)
June 28	\$ 450,000,000	28
July 19	785,124,870	36
August 23	1,225,483,505	43
September 20	1,437,079,761	47.5
October 18	1,450,342,090	51
November 15	1,477,995,426	62.5

(A) Approximate value of PWA construction authorized as of same date.

(B) Per cent of ingot capacity for week ending same date (reported by Iron Age).

First allotments for PWA projects under the 1938 program were made June 22. After that date an average of approximately 1,400 projects were approved monthly, releasing a monthly average of

around \$340,000,000 worth of construction. This continued until more than 7,300 projects calling for \$1,677,995,426 worth of construction had been authorized. This involved the placing of millions of dollars worth of orders for every type of construction material and equipment. According to the American Institute of Steel Construction, the steel ingot production for June was 1,638,227 tons (both open hearth and Bessemer). For October, it was 3,117,934 tons.

Structural Steel

In the field of structural steel, the same source reports that for the second quarter ending June 30, the production of structural steel forms was 318,287 tons, while for the third quarter the nation's mills turned out 366,575 tons. A comparable increase was also indicated in the production of reinforced bars which for the second quarter was 178,140 tons, while at the end of the third quarter the figure had jumped to 215,487 tons.

Both production and shipment of cement showed gains during the period in which PWA placed thousands of construction jobs on the market. Figures of the Bureau of Mines show that production increased from 10,535,000 barrels in June to 11,556,000 in October. In the same period shipments jumped from the June figure of 10,943,000 barrels to 12,357,000 in October.

These increases in production are in line with an analysis made by the Bureau of Labor Statistics of the United States Department of Labor early this year, when it forecast heavy industrial stimulation as the result of the PWA program. The Bureau forecast that more than \$1,000,000,000 worth of orders would be placed for materials. It concluded that the full development of the program authorized by Congress would mean the purchase of more than \$280,000,000 worth of iron and steel productions and \$71,000,000 worth of cement.

PLISHKER HEADS LAMP PROMOTION DIVISION

The Westinghouse Electric and Manufacturing Company has recently announced the appointment of Herbert E. Plishker as Advertising and Sales Promotion Manager of the Lamp Division. Mr. Plishker succeeds J. F. O'Brien, who recently resigned.

BIDS DEC. 27 FOR YOSEMITE SURFACING JOB

Bureau Advertises Contract for 11.4-Mile Section of Kawona Road

District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads, San Francisco, Saturday called for bids for placing a bituminous treated surfacing on Sections A1, B1, B2, B3 of Route 2, the Kawona Road, Yosemite National Park.

Bids will be opened December 27 at 2:00 P. M. in the office of the Bureau of Public Roads, Federal Office building, San Francisco.

The length of the project in Yosemite National Park to be improved it 11.435 miles.

Principal Items

Principal items include: 4500 cu. yds. of unclassified excavation; 20,000 station yards overhaul; 11,435 miles of fine grading subgrade and shoulders; 1,300 M. gallons watering; 32,100 tons of crushed rock base course; 300 tons of cutback asphalt (type MC-2) for prime coat; 14,400 tons of Class F-2 open graded plant mixture; 625 tons of 90-95 liquid asphalt for Class F-2 plant mixture; 1,100 tons of Class F-2 choker aggregate; 1,100 tons of Class F-2 cover aggregate; 240 tons of emulsified asphalt for Class F-2 seal; and 15 tons of cutback asphalt (type MC-2) for seal coat on gutters, shoulders and dikes.

A lump sum item calls for water plant or plants for the project. In addition, one-way traffic control and sanding asphaltic material will be done under force account.

Plans and specifications for the Yosemite National Park surfacing project may be obtained from the office of Bureau of Public Roads, Federal Office building, San Francisco, upon deposit of \$10, returnable.

ROAD JOB SPEEDED BY ENLARGEMENT OF PARK

Arches National Monument, Utah, has been increased in area by more than six times its former extent by a proclamation signed by President Roosevelt, Secretary of the Interior Harold L. Ickes announced yesterday.

Arches National Monument is one of a group known as the Southwestern National Monuments, administered by the National Park Service.

Among the developments facilitated by the increased boundaries are the construction of an approach road from U. S. Highway 450, and provision of public conveniences.

New orders for steel boilers during October, 1938, amounted to 1,125 units, as compared to orders booked for 895 units during the same month in 1937, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3633	Anderson	Owner	4000
3639	Gavello	Owner	5000
3640	Granelli	Pence	1500
3641	Hansen	Price	4600
3642	Hansen	Owner	4000
3643	Jeffers	Owner	5000
3644	Labataille	Mod. Co.	1180
3645	Middleton	Michel	2000
3646	Nelson	Owner	7000
3647-8	Evers	Owner	4000
3649	Neideffer	Undlin	1000
3650	Schoenfeldt	O'Neill	1000
3651	Schwartz	Owner	3000
3652	Bayshore	Owner	17500
3653	Davidian	Owner	2500
3654	Eighth	Phoenix	1490
3655	Holt	Owner	4000
3656	Marini	Owner	4000
3657	Pellegrini	Owner	4700
3658	Raisch	Raisch	6000
3659	Whitney	Owner	1000
3660	Cheatham	Westwater	1450
3661	De Martini	Owner	8000
3662-3	Holt	Owner	4000
3664-5	Johnson	Johnson	2000
3666	Mendo	Janssen	7000
3667	Denchey	Grant	1200
3668	Garcia	Jensen	3000
3669	Henderson	Higgins	2000
3670	Hoffman	Owner	2000
3671	Johnson	Owner	3500
3672	Lindsay	Owner	3500
3673	Maretti	Owner	1500
3674	Noble	Dream Home	5800
3675	Pickwick	Jensen	12000
3676	Robertson	Bay Con.	2100
3677	Steller	Wagner	2000
3678-9	Stoneson	Owner	5500
3680	Stoneson	Owner	6000
3681	Tittle	Owner	3000
3682	Fireman	Owner	1000
3683	Risso	Flov	3300
3684	Roseberg	Rousseau	8000
3685-6	Socke	Owner	3500
3687	Ward	Mallock	2000
3688	Zuardo	McNeil	5500

DWELLING
 (3638) E 31st AVE. 225 N Taraval.
 One - story and basement frame dwelling.
 Owner and Builder—N. W. Anderson, 2427 24th Ave.
 Architect—Not Given. \$4,000

GATES
 (3639) PACIFIC AVE. at Columbus and Montgomery Sts. Ornamental gates.
 Owner and Contractor—P. Gavello, 621 Union St.
 Architect—Not Given. \$5,000

ALTERATIONS
 (3640) 468-66 UTAH ST. Alter flats.
 Owner—C. Granelli, 534 Utah St.
 Contractor—J. H. Pence, 2312 35th Ave.
 Architect—Not Given. \$1,500

DWELLING
 (3641) W 30th AVE. 125 S Rivera.
 One - story and basement frame dwelling.
 Owner—Elwood L. Hansen, 2940 22nd Ave.
 Contractor—Carl Price, 252 Holyoke.
 Architect—Not Given. \$4,000

DWELLINGS
 (3642) N. MT. VERNON 125, 150, 175 200 W Delano. Four 1-story and basement frame dwellings.
 Owner and Builder—Hansen & Hansen, 2401 San Jose Avenue.
 Architect—Not Given. \$7,000 each

DWELLING
 (3643) S JUDAH 82 E 33rd Avenue.
 One - story and basement frame dwelling and store.
 Owner and Builder—Webster Jeffers, 1665 Haight Street.
 Architect—Not Given. \$5,000

ALTERATIONS
 (3644) 2013 BRODERICK St. Alter dwelling.
 Owner—Henry M. Labataille, prem.
 Contractor—Modernization Company of Calif., 3601 Geary Blvd.
 Architect—Not Given. \$1,180

ALTERATIONS
 (3645) SE 7th and Brannan Streets.
 Alter restaurant and service station.
 Owner—W. S. Middleton, premises.
 Contractor—Michel & Pfeffer Iron Works, Inc., 1415 Harrison St.
 Engineer—Warren E. Murray, 908 Hayes Street. \$2,000

DWELLING
 (3646) SW MELBA AVE. and Ocean Avenue. One-story and basement frame dwelling.
 Owner and Builder—Fernando Nelson & Sons, Inc., 2901 19th Avenue.
 Architect—Not Given. \$7,000

DWELLING
 (3647) W. 37th AVE 275 N Taraval St. One-story and basement frame dwelling.
 Owner—Kenneth Evers, 55 San Rafael Way.
 Architect—Not given. \$4000

(3648) W. 37th AVE. 250 N. Taraval Street. One-story and basement frame dwelling.
 Owner—Kenneth Evers, 55 San Rafael Way.
 Architect—Not given. \$4000

(3649) 978 MARKET ST. Alter restaurant.
 Owner—Ray Neideffer, 315 Hyde St.
 Contractor—Undlin Store Fixture Co, 747 Natoma St.
 Architect—Not given. \$1000

ALTERATIONS
 (3650) 127 ELLIS STREET. Alter hotel.
 Owner—H. Schoenfeldt, 760 Market Street.
 Contractor—F. Daniel O'Neill, 273 Minna St.
 Architect—Not given. \$1000

DWELLING
 (3651) E. 47th AVE. 425 N. Rivera.
 One-story and basement frame dwelling.
 Owner—S. A. Schwartz, 305 Grant Avenue.
 Architect—Not given. \$3000

ALTERATIONS
 (3652) 171 ELLIS ST. Alter hotel.
 Owner and Contractor—Bay Shore Realty Co, 1182 Market St.
 Architect—D. D. Stone, 281 Bush St. \$17,500

ALTERATIONS
 (3653) 1735 FULTON Street. Alter dwelling.
 Owner—L. Davidian, 714 Central Ave.
 Contractor—Various.
 Architect—H. C. Baumann, 251 Kearny Street. \$2,500

ALTERATIONS
 (3654) 1175 MARKET Street. Alter public market.
 Owner—Eighth and Market Realty

Co, premises.
 Contractor—Phoenix - Simpton Co., 520 Sixth St.
 Engineer—Hall & Pregnoff, 350 California St. \$1,490

DWELLING
 (3655) S IDORA AVE. 163 E Garcia.
 One - story and basement frame dwelling.
 Owner and Builder—O. K. Holt, 3957 Army Street.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (3656) S MENDELL 68 W Hudson.
 One - story and basement frame dwelling.
 Owner & Builder—M. Marini, 292 2nd Avenue.
 Architect—Not Given. \$4,000

STORAGE BLDG.
 (3657) W THIRD ST. 210 S 20th St.
 One-story frame storage building.
 Owner and Builder—Pellegrini Bros., c/o architect.
 Architect—H. C. Baumann, 251 Kearny Street. \$4,700

DWELLING
 (3658) S CHESTNUT 90 W Larkin.
 Two - story and basement frame dwelling.
 Owner—E. P. Raisch, 2210 Clay St.
 Contractor—A. L. Raisch, 1 DeHaro.
 Architect—H. C. Baumann, 251 Kearny Street. \$6,000

(3659) POINT LOBOS, Cliff House. Alter restaurant.
 Owner & Contractor—Whitney Bros., 4900 Cabrillo.
 Architect—Not Given. \$1,000

(3660) 625 PACHECO Street. Alter dwelling.
 Owner—Mrs. Grace Cheatham, 625 Pacheco Street.
 Contractor—R. E. Westwater, 425 Vernon St.
 Architect—Not Given. \$1,450

COMMERCIAL BLDG.
 (3661) N SHIPLEY 37 E 4th St.
 Two-story Class C commercial.
 Owner and Builder—George De Martini, 315 4th St.
 Architect—Not Given. \$8,000

DWELLING
 (3662) S IDORA AVE. 163 E Garcia.
 One - story and basement frame dwelling.
 Owner and Builder—O. K. Holt, 3927 Army Street.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (3663) S IDORA AVE. 196 E Garcia.
 One - story and basement frame dwelling.
 Owner and Builder—O. K. Holt, 3927 Army Street.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000

DWELLING
 (3664) W ATHENS 152 S Madison.
 One - story and basement frame dwelling.
 Owner—Ella E. Johnson, 69 Madison.
 Contractor—J. A. Johnson, 69 Madison Street.
 Architect—Not Given. \$2,000

DWELLING
 (3665) W ATHENS 177 S Madison.
 One - story and basement frame dwelling.

Owner—Ella E. Johnson, 69 Madison.
Contractor—J. A. Johnson, 69 Madison Street.
Architect—Not Given. \$2,000

DWELLING
(3666) S JUDAH ST. 100 E 24th Ave.
One - story and basement frame dwelling.
Owner—Mendo Corp., 1136 Clement.
Contractor—E. A. Janssen, 1136 Clement Street.
Architect—Not Given. \$7,000

ALTERATIONS
(3667) 435 29th STREET. Alter dwelling.
Owner—M. Dennehy, prem.
Contractor—Lincoln U. Grant, 658 3rd Avenue.
Architect—Not given. \$1200

DWELLING
(3668) E. MOULTRIE 125 S. Crescent Ave. One-story and basement frame dwelling.
Owner—A. Garcia, 50 Justin Drive.
Contractor—E. Jensen, 41 Bache St.
Architect—Not given. \$3000

DWELLING
(3669) S. THERESA 555 E. San Jose Ave. One-story and basement frame dwelling.
Owner—A. M. Henderson, c/o cont. Contractor—Joe Higgins, Inc., 62 Monterey Blvd.
Architect—Not given \$2000

SHED
(3670) NE 12th ST 87 SE Howard St. One-story frame shed.
Owner—A. Hoffman, 840 Hamilton Avenue.
Engineer—R. H. Mathewson, 2669 Buena Vista, Berkeley.
Architect—Not given \$2000

DWELLINGS
(3671) W. 29th AVE. 175, 200, 225, 250, 175 N. Quintara. Five (5) 1-story and basement frame dwellings.
Owner—Nels E. Johnson, 168 Lunado Court.
Architect—Not given. \$3500 ea.

DWELLINGS
(3672) E. 23rd AVE 93-118 S. Noriega. Two (2) 1-story and basement frame dwellings.
Owner—C. T. Lindsay, 820 Taraval Street
Architect—Not given. \$3500 ea.

ALTERATIONS
(3673) 1255 MONTGOMERY Street Alter apts.
Owner—Mario Maretti, prem.
Architect—Not given. \$1500

DWELLING
(3674) S. MENDOSA 116 W. 9th Ave One-story and basement frame dwelling.
Owner—A. Noble, 414 Kearny St.
Contractor—Dream Home Builders, 416 Kearny St.
Architect—Not given. \$5,800

ALTERATIONS
(3675) NE 5th AND MISSION STS Alter terminal.
Owner—The Pickwick Corp., prem.
Contractor—G. P. W. Jensen and Sons, 320 Market St.
Architect—W. D. Peugh, 333 Montgomery St. \$12,000

ALTERATIONS
(3676) 2950 21st STREET. Alter apts. and store.
Owner—John Robertson, prem.
Contractor—Bay Const. Co., 2911 Mission St.
Architect—Not given. \$2100

ALTERATIONS
(3677) NW FILBERT and Larkin Streets. Alter flats.
Owner—L. P. Steller, 183 San Benito.
Contractor—Geo. Wagner, 181 Se. Park.
Architect—Not given. \$2000

DWELLING
(3678) W. LAGUNITAS DRIVE 141 S. Sloat Blvd. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5,500

DWELLING
(3679) W. LAGUNITAS DRIVE 93 S. Sloat Blvd. Two-story and basement frame dwelling.
Owner and Builder—Stoneson Bros, 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$5500

DWELLING
(3680) N. STONECREST DRIVE 201 W. Junipero Serra Blvd. Two story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 251 Kearny St. \$6,000

ALTERATIONS
(3681) 1640 WASHINGTON STREET. Alter apts.
Owner—Marian N. Tittle, 381 Bush Street.
Architect—Not given. \$3000

ALTERATIONS
(3682) 856-62 McALLISTER STREET. Alter apts.
Owner—Benj. Fireman, 657 Hayes St.
Architect—Not given. \$1000

DWELLING
(3683) SE ALEMANY BLVD. 81 NE Tingley. One-story and basement frame dwelling.
Owner—Carmella Rizzo, 1657 7th Ave Contractor—Gilbert L. Plov, 395 Monterey Blvd.
Architect—Not given. \$3800

FLATS
(3684) E. ANNAPOLIS TERR. 115 S. Turk St. Two-story and basement frame flats.
Owner—R. Roseberg, c/o cont. Contractor—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$9000

DWELLINGS
(3685) W. 37th AVE. 98, 73, 43, 23 S. Yorba. Four (4) 1-story and basement frame dwellings.
Owner—Jos. F. Secke, 421 4th Ave.
Architect—Geo. A. Ralph, 251 Kearny Street. \$3500 each

DWELLING
(3686) SW 37th AVE and Yorba. One-story and basement frame dwelling.
Owner—Jos. F. Secke, 421 4th Ave.
Architect—Geo. E. Ralph, 251 Kearny Street. \$3500

ALTERATIONS
(3687) SW 8th AND STEVENSON Streets. Alter garage.
Owner—Ward and Snider, 137 Arundel, Burlingame.
Contractor—J. S. Mallock, 666 Mission St.
Engineer—W. H. Ellison, Pacific Bldg.
Architect—Not given. \$2000

ALTERATIONS
(3688) 215 MARINA BLVD. Alter dwelling.

Owner—Dr. N. Zuardo, 209 Marina Blvd.
Contractor—Clayton T. McNeil, 1641 Russ Bldg.
Architect—Clarence A. Tantau, 210 Post St. \$5500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2785	Moran	Hedstrom	6150
2786	Hubbard	Owner	3400
2787	Miller	Wiser	4000
2788	Church	Owner	2500
2789	Guaranty	Owner	4000
2790	Hubbard	Owner	4000
2791	Scammell	Owner	5000
2792	Wiggins	Owner	4500
2793	Kesti	Owner	3300
794	Melkielejohn	Livingston	2700
2795	PHELPS	Coburn	4000
2796	Darnested	Owner	3000
2797	Larmer	Owner	5400
2798	Olsen	Irwin	4000
2799	Campana	Faramia	7600
2800	Gross	Wiser	3000
2801	Nathland	Ditidine	1000
2802	Wells	Walker	7000
2803	Carrier	Smith	4000
2804	Foss	Owner	1000
2805	Inc Whse	Christensen	1500
2807	Scherman	Snivock	3500
2808	Brasch	Brasch	4000
2809	Booth	Owner	2750
2810	Eurlich	Leonardo	1370
2811	Forman	Owner	1000
2812	Smith	Olsen	4600
2813	Ullu	Tisher	4000
2814	Welsbart	Wierk	5000

DWELLING
(2785) 1625 SAN PABLO, BERKELEY. One-story, 5-room store & residence and garage.
Owner—Fred Moran, 1632 San Pablo.
Contractor—John Hedstrom, 2366 Virginia.
Architect—W. C. Lee, 1047 Monterey. \$6150

DWELLING
(2786) 3814 COLUMBIAN DRIVE, OAKLAND. One-story, 5-room dwelling.
Owner—J. F. Hubbard, 5412 Proctor. Garage, \$100.
Architect—Not given. \$3400

DWELLING
(2787) 29 FAIRLAWN, BERKELEY. One-story 5-rm. frame dwelling and garage.
Owner—Jas. Miller, 2313 Howe.
Contractor—G. Wiser, 1252 Spruce St.
Plans by Owner. \$4,000

DWELLING
(2788) 9834 GOULD ST., OAKLAND. One-story 4-room dwelling.
Owner—Church of Jesus Christ of Latter Day Saints, 9534 Gould.
Architect—Theo. G. Riegg, 251 Kearny St., San Francisco. \$2,500

DWELLING
(2789) 2331 DURANT AVE., OAKLAND. One-story 5-rm. dwelling.
Owner—Guaranty Home Bldg. Co., 3275 Marcom Ave.
Architect—Not Given. \$4,000
Garage, \$300.

DWELLING
(2790) 915 MOUNTAIN Boulevard, OAKLAND. One-story 5-room dwelling.
Owner and Builder—J. F. Hubbard, 5412 Proctor Ave.
Architect—Not Given. \$4,000

DWELLING
(2791) 100 SONIA ST., OAKLAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. \$5,000

DWELLING
(2792) 6070 THORNHILL DR., OAKLAND. One-story 5-rm. dwelling. Owner and Builder—J. S. Wiggins, 635 51st St. Architect—Not Given. \$4,500

DWELLING
(2793) 1424 CURTIS, BERKELEY. One-story, 5-room frame dwelling and garage. Owner and Builder—David Kestl, 2217 Browning. Architect—Not given. \$3300

ADDITIONS
(2794) 1525 LA LOMA, BERKELEY. Additions and alterations. Owner—Dr. A. Meiklejohn, 1525 La Loma. Contractor—W. H. Livingston, 1152 Euclid. Architect—Not given. \$2700

REPAIRS
(2795) 251 TUNNEL RD., BERKELEY. Repair fire damage. Owner—Phelps, 251 Tunnel Road. Contractor—J. W. Coburn, 2048 Market St., S. F. Architect—Not given. \$4000

DWELLING
(2796) 6500 VALLEY VIEW Drive, Oakland. One-story, 3-rm. dwelling. Owner and Builder—Otto H. and Jean S. Darmsted, 6515 Pinehaven Road. Architect—Not given. \$3000

DWELLING
(2797) 5043 HARBOR DRIVE, Oakland. One-story, 5-room dwelling. Owner and Builder—Edward M. Larmer, 90 Fairview Ave. Architect—Not given. \$5400

DWELLING
(2798) 3301 WILSON AVE., OAKLAND. One-story, 5-rm. dwelling. Owner—Alfred Olsen, 727 59th St. Contractor—Hoyt Irwin, 3574 Dimond Ave. Architect—Not given. \$4000

DWELLING
(2799) 1201 WASHINGTON ST., ALBANY. One-story 6-room frame dwelling. Owner—Emil Campana, 1515 Prince. Contractor—John Faramia. Architect—Not Given. \$7,600

DWELLING
(2800) 1071 STANNAGE, ALBANY. One-story 4-rm. frame dwelling. Owner—Melvin B. Gross, 1004 Cedar. Contractor—H. B. Cross, 1418 San Pablo Ave. Architect—Not Given. \$3,000

ADDITION
(2801) 2239 NINTH ST., BERKELEY. Addition. Owner—Mrs. M. Nathland, 2237 9th. Contractor—V. Dildine, Hillgass and 63rd Streets. Architect—Not Given. \$1,000

DWELLING
(2802) 1001 CRESTON, BERKELEY. Two-story 7-rm. frame dwelling. Owner—R. A. Wells, 437 Vassar. Contractor—J. M. Kalker, 401 Spruce. Architect—J. B. Anthony, Oakland. \$7,000

DWELLING
(2803) 9516 GOLF LINKS ROAD, OAKLAND. One-story six-room dwelling. Owner—Frank N. Carrier. Contractor—Geo. O. Smith, 8612 Golf Links Road. Architect—Not Given. \$4,000

ALTERATIONS
(2804) 1338 E 12th STREET, OAKLAND. Alterations. Owner—L. R. Foss, 1338 E 12th St. Architect—Not Given. \$1,000

ALTERATIONS
(2805) 505 FIFTH ST., OAKLAND. Alterations. Owner—Independent Whse. Grocery Co., 505 Washington. Contractor—H. J. Christensen, 1955 Webster Street. Architect—Not Given. \$1,500

GYMNASIUM
(2806) 1925 47th AVE., OAKLAND. Two-story 33-rm. concrete gym. Owner—Oakland School District, 1025 Second Avenue. Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose. Architect—Not Given. \$188,733

DWELLING
(2807) 3728 COLUMBIAN DR., OAKLAND. One-story 5-rm. dwelling. Owner—Sol Scherman, 2789 Foothill Boulevard. Contractor—Wm. Spivock, 921 Mandana Blvd. Architect—Not Given. \$3,500
Also 1-story garage, \$150.

DWELLING
(2808) 1420 LINCOLN, BERKELEY. One and 1/2-story, 5 room frame dwelling. Owner—M. G. Brasch, 1600 Mountain Blvd. Contractor—M. B. Brasch, 1600 Mt. Blvd. Architect—Not given. \$4000

ADDITION
(2809) 4030 E. 14th STREET, Oakland. One-story brick addition. Owner—Carrie L. Elmer and Bertram S. Booth, 375 Euclid Ave. Architect—Not given. 2750

ADDITION
(2810) 8827 DOWLING ST., OAKLAND. Addition. Owner—Samuel Eurich, 8827 Dowling St. Contractor—F. J. Leonardo, 1456 86th Avenue. Architect—Not given. \$1370

ALTERATIONS
(2811) 59 GRAND AVE., OAKLAND. Alter. Owner and Builder—R. W. Forman, 506 15th St. Architect—Not given. \$10000

DWELLING
(2812) 2338 HAVENSCOURT Blvd., Oakland. One-story, 6-room dwelling. Owner—V. N. Smith, 2400 Havenscourt Blvd. Contractor—Gus Ohlsen, 23152 So. Garden Ave., Hayward. Garage, \$180. Architect—Not given. \$4600

DWELLING
(2813) 2965 PARKER AVE., OAKLAND. Two-story, 5-room dwelling. Owner—O. Ulin, 2957 Parker Ave. Contractor—C. R. Tisher, 6127 Foothill Blvd. Architect—Not given. \$4000

DWELLING
(2814) 7926 HILLMONT AVE., Oakland. Two-story, 5-room dwelling. Owner—J. T. Welsbart, San Francisco. Contractor—Nick Wierk, 302 13th Street. Architect—Not given. \$5000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
423	Robertson	G G Const	2450
424	Int Corr Sch	Mullen	4926
425	Granelli	Pence	3200

ALTERATIONS
(423) NW 21st St. and TREAT AVE. Alter frame structure. Owner—John E. Robertson, prem. Architect—Not Given. Contractor—Golden Gate Const. Co., 24 Kearny St. Filed, Dec. 1, '38. Dated, Nov. 16, '38 Progress payments. TOTAL COST, \$2,450

EXHIBIT BLDG.
(424) HALL OF SCIENCE, Space No. 11, Yerba Buena Shoals. Construction of exhibit building. Owner—The International Correspondence Schools. Architect — Harold H. Weeks, 593 Market Street. Contractor—Mullen Mfg. Co., 60 - 89 Rausch Street. Filed, Dec. 1, '38. Dated, Nov. 28, '38
One-fourth completed20%
One-half completed20%
Completed40%
Usual 35 days20%
TOTAL COST, \$4,926.00
Bond, \$4,926. Sureties, New York Casualty Co. Plans and specifications filed.

ALTERATIONS
(425) 468-66 UTAH ST. Alter 2-story frame dwelling. Owner — Giuseppe and Clementina Granelli, premises. Architect—Not Given. Contractor—J. H. Pence and D. C. Chufer, 2312 35th Avenue. Filed, Dec. 3, '38. Dated, Nov. 18, '38. Progress payments. TOTAL COST, \$3,200
Limit, 90 days. Plans and specifications filed.

**BUILDING CONTRACTS
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
262	Berkeley	Dinwiddie	268000

CITY BLDGS.
(262) MCKINLEY AVE. north of Allston Way, Berkeley. Hall of Justice Bldg., and Police Administration Bldg. Owner—City of Berkeley. Architect—James W. Plachek, 511 Mercantile Bldg., Berkeley. Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco. Filed, Dec. 2, '38. Dated, Nov. 25, '38. 15th of each month.....75%
Completion and acceptance.....25%
TOTAL COST, \$268,000
Bond: Performance, \$268,000; Labor and material, \$134,000. Sureties, Pacific Indemnity Co. Limit, 275 days. Plans and Spec. filed.

**ALAMEDA COUNTY
PERMITS UNDER \$1000**

RE-ROOF, \$175; 336 Euclid Avenue, Oakland; owner, E. G. Spare, 336 Euclid Ave.; contractor, American Roof Co., 383 40th St.
GARAGES, (2) \$300 each; 1909, 1915 103rd Ave.; owner and builder, Dream Home Builders, 416 Kearny St., S. F.
ALTER, \$500; 524 Forest St.; owner, Mr. Johnson, 524 Forest Street; contractor, O. C. Jones, 2539 Grant St., Berkeley.
ALTER, \$75; 729 Washington Street, Oakland; owner and builder, A. Grutman, 729 Washington St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Lands | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1— APARTMENTS

Preparing Working Drawings
APARTMENTS Cost, \$80,000
SAN FRANCISCO. SW Corner 19th and Church Streets.

Three-story frame and stucco apartment house (eight 2- and 3-rm. apts.) hardwood floors, tile bath composition roof, etc.

Owner—Withheld.
 Architect—Hertzka and Knowles, 369 Pine Street.

Bids Opened

APARTMENTS

UKIAH, Mendocino Co., Calif.

Two-story frame and stucco apartment and store building.

Owner—Paul W. Poulos, Ukiah.
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—Charles Swanfelt, Box 114, Ukiah, \$20,204.

General bids were received with the following alternate proposals, all deductions: (1) wood casement windows and Redwood screens in lieu of steel casement windows and rolling screen (2) omit inter-communicating system (3) omit heating under proposal 1, using heating under proposal 2 (4) omit heating under proposal 2, using heating under proposal 3.

Complete bids follow:

Charles Swanfelt, Ukiah, \$20,204
 (1) \$167, (2) \$115, (3) —, (4) —
 H. V. La Porte, Ukiah, \$22,370 (1)
 \$164, (2) \$115, (3) \$44, (4) \$536.

Sjoberg & Jamison, Ukiah, \$23,200, (1) \$75, (2) \$115, (3) —, (4) —.

Empire Construction Co., San Francisco, \$23,887, (1) —, (2) \$115, (3) \$159, (4) \$530.

3— CHURCHES

CONTRACT AWARDED.

AGNEWS, Santa Clara Co., Cal.—Dan Caputo, 985 Delmas Ave., San Jose, at \$14,157.65 awarded contract by the State Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento, for the completion of flood damage repairs, Coyote River, Agnews State Hospital Farm. Agnew. 3

7— FEDERAL BUILDINGS

CONTRACT AWARDED

GRAND JUNCTION, Colo.—Wilkes Engr. and Constr. Co., Des Moines, Iowa, at \$163,970 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C.,

for extension and remodeling (except elevator), of the U. S. P. O. and Court House at Grand Junction, Colo, 867) 1st rep. Oct. 19; 2nd, Nov 22, 1938. 7

Site Selected

POST OFFICE

ONTARIO, San Bernardino Co., Cal. Laurel Ave., A Street and Commercial Place.

New United States Post Office.

Owner—United States Government. Plans by the Supervising Architect, Treasury Dept., Wash., D. C.

Dimensions of site 164x123 ft.; cost, \$19,950.

CONTRACT AWARDED

SAN PEDRO, L. A. Co., Calif.—Robt. D. Paterson, 1911 San Andres St., Santa Barbara, at \$83, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C. for misc. betterments at the U. S. Post Office in San Pedro. 7

CONTRACT AWARDED

SAN FRANCISCO.—Robert E. McKee, 108 West Sixth St., Los Angeles, at \$156,600 (items 1, 2, 3, and 8), awarded contract by the Quartermaster Construction Division, Army Department, Washington, D. C., for construction and completion of one Bakers' and Cooks' School and Barracks and one commissary and warehouse at Presidio of San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—Meyer Construction Company, 735 Portola Dr., at \$336,873 awarded contract by the Quartermaster Construction Division, Army Department, Washington, D. C., for construction and completion of ten double company officers' quarters, five with No. 1 front entrances, and five with No. 2 front entrances, and five double field officers' quarters, three with type No. 1 front entrances, and two with type No. 2 front entrances, at the Presidio of San Francisco.

BIDS REJECTED

SANTA MONICA, Los Angeles Co., Calif.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids received for exterior stucco etc., at the U.S.P.O., at Santa Monica. Plans will be re-vised and work re-advertised.

Previous low bid submitted by James I. Barnes Construction Co., Santa Monica, at \$3,910. 7

BIDS REJECTED

SAN FRANCISCO.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids for installation of gates, floodlights and for construction of misc. approach work at the U. S. Mint at San Francisco. Plans will be revised and work re-advertised.

Previous low bid submitted by Clinton Construction Co., 923 Folsom St., at \$24,900.

BIDS WANTED

SA FRANCISCO.—Until Dec. 20, 2:00 P. M., bids will be received by the Custodian of the Building for collapsible gate on stairway of the United States Post Office Annex, San Francisco.

Specifications are on file with the Custodian.

BIDS WANTED

ALAMEDA AIR STATION, Calif.—Until January 18, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for superstructure of assembly and repair shop at the Naval Air Station, Alameda, Calif.; Spec. 9033.

The work includes concrete construction; steel and iron work; brick hollow tile and ceramic glazed units; roofing and sheet metal work, damp-proofing and waterproofing; metal windows; metal furring and lathing; metal and metal-covered doors; metal and metal-covered floors; plaster and stucco; marble and tile; asphalt tile and asphalt plank flooring; linoleum; carpentry and joinery; hardware; glazing; painting and plumbing, heating and ventilating, air conditioning, sprinkler and electric system.

As previously reported, drawings and specifications may be obtained from the above office and from the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$30 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

LOW BIDDERS

MARE ISLAND, Solano Co., Calif.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$266,017 submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. No. 9043.

Work consists of concrete piles and foundations for machine shop approximately 250 feet wide by 900 feet long.

The three low bidders were:
 Ben C. Gerwick, Inc., S. F. \$266,017
 MacDonald & Kahn Co., Ltd.
 San Francisco 266,662

De Luca & Son, Inc., S. F. 271,900

BIDS WANTED

SAN DIEGO, Cal.—Until Dec. 22, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, under Spec. 8834, for 100-foot flagstaff at Naval Operating Base (Air Station), San Diego.

Work consists of the furnishing of necessary materials and labor for the construction of one 100-ft. flagstaff. The work will include concrete foundation and steel pole equipped with a revolving ball bearing double haliard truck, copper spun ball, cleats and galvanized iron ornamental base.

Bidding data obtainable from the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

TOPPENISH, Wash.—Until Dec. 29, 10:00 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for concrete floor and waterproofing at the U. S. P. O., Toppenish, Wash.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., at Toppenish. 7

CONTRACT AWARDED

OLYMPIA.—Wash.—Harry Boyer Son and Co., Olympia, at \$115,945

submitted low bid and was awarded contract by the Director of Highways, L. V. Murrow at Olympia, Wash., for construction of Headquarters Buildings for the Department of Highways South of Olympia.

(1019) 1st rep. Nov. 14, 1938. 7

BIDS WANTED

LOVELOCK, Nev.—Until Dec. 29, 10:00 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for underfloor drains, etc., at the U. S. Agriculture and P. O., Lovelock, Nev.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., at Lovelock. 7

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 22, bids will be received by the Custodian of the building for painting exterior stucco at the U. S. Quarantine Station at L. A. 7

BIDS WANTED

LOVELOCK, Nev.—Until Dec. 29, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for underfloor drains at the U. S. P. O., at Lovelock. 7

BIDS REJECTED

SACRAMENTO, Calif.—The Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids for waterproofing at the U. S. P. O., and Court House at Sacramento. Previous low bid submitted by Henry L. Grohne, Decatur, Ill., at \$1,937.

Plans will be revised and work readvertised. 7

CONTRACT AWARDED

OROVILLE, Butte Co., Calif.—Henry L. Grohne, Decatur, Ill., at \$1,117 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for roof repairs and interior painting at the U. S. P. O., at Oroville. 7

CONTRACT AWARDED

TACOMA, Wash.—Otis Elevator Co., Washington, D. C., at \$3,599 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing 1 new hydro-electric freight elevator including hoistway entrance doors, etc., complete, and removal of present hydraulic lift in the U. S. P. O. and Court House at Tacoma.

CONTRACT AWARDED

SAN DIEGO, Calif.—Diesel Motor Sales and Service Corp., 2331 East Olympic Blvd., Los Angeles, at \$5,793 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 60-h.p. diesel engine driving 40-kw. direct current generator at the Naval Operating Base (Destroyer Base), San Diego. Spec. No. 8963.

BIDS WANTED

FT. LEWIS, Wash.—As previously reported, until Dec. 28, 11 A. M., bids will be received by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of 4-story and basement, solid brick AC Barracks (1285 men), at McChord Field, Wash. Est. cost \$1,412,500.

Plans obtainable from the Constructing Quartermaster upon deposit of \$75 certified check payable to Treasurer of the United States.

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Healy-Tibbitts Construction Co., 1100 Evans St., San Francisco, at \$140,431 (Items 1 and 2) awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for foundations for shop at the Naval Air Station, Alameda, consisting of composite piling; concrete pile caps, struts, spandrel beams, and pedestals; and test piles. Spec. No. 8609.

BIDS WANTED

FORT LEWIS, Wash.—Until Dec. 21, 11 A. M., bids will be received by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for central heating plant at McChord Field.

Plans and specifications obtainable from Captain Antonovich upon deposit of certified check of \$50 payable to Treasurer of United States.

SUB-CONTRACTS AWARDED

MARE ISLAND, Solano Co., Calif.—K. B. Parker Co., 135 South Park, San Francisco, awarded the following sub-contracts for construction of a hospital corpsmen's dormitory and a nurses' quarters at the Naval Hospital, Mare Island; Spec. No. 8836. Lathing & Plastering—M. J. King, 231 Franklin St., S. F. Plumbing & Heating—Scott Co., Inc., 243 Minna St., S. F. Electric Wiring—Spencer Electric Co., 570 Natoma St., S. F.

BIDS WANTED

SANTA MONICA, Los Angeles Co., Cal.—Until Dec. 30, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for corrosion resisting steel gate at the U. S. P. O., Santa Monica.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg at Santa Monica. 7

Contract Awarded

POST OFFICE Cont. Pr., \$53,737 **SEDRO WOOLLEY, Skagit Co., Wn.** United States Post Office. Owner—United States Government. Plans by the Supervising Architect, Treasury Dept., Washington, D. C. Contractor—A. F. Mowat Const. Co., 708 3rd Ave., Seattle.

BIDS WANTED

SNOHOMISH, Wash.—Until Dec. 27 bids will be received by the U. S. Dept. of Interior, Indian Service, Washington, D. C., for construction of a school building at Snohomish, Wash., Taholah Indian Agency.

Work involves construction of a one-story and part basement frame building, approx. 37x70-ft. with an ell approx. 20x37-ft. Plumbing, heating and electric wiring are included in the contract.

Plans and specifications may be obtained from the above office upon deposit of \$25 certified check.

BIDS OPENED

KETCHIKAN, Alaska.—The Interior Steel Equip. Co., 1920 S Street N.W., Washington, D. C., at \$268,000 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters at the U. S. P. O. at Ketchikan. Other bids were: The Globe Wernick Co., Washington, D. C., \$285,000. Peerless Steel Equipment Co., Baltimore, Md., \$362. 7

BIDS WANTED

NAPA, Napa Co., Calif.—Until Dec. 22, bids will be received by the Custodian of the U. S. Postoffice at Napa for new entrance doors and miscellaneous repairs. 7

today of the U. S. Postoffice at Napa for new entrance doors and miscellaneous repairs. 7

BIDS WANTED

PUGET SOUND, Wash.—Until December 28, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for improvements to boiler plant at the Navy Yard, Puget Sound; Spec. 8821. Est. cost, \$150,000. Drawings and specifications may be obtained from the above office.

BIDS WANTED

SACRAMENTO AIR DEPOT.—Until Dec. 21, 2 P. M. (postponed from Nov. 29), bids will be received by the Constructing Quartermaster, Sacramento Air Depot, under Bid No. QM 6870-39-10 for construction and completion of a Gasoline Fueling System for Engine Test Building at the Air Depot.

Specifications may be obtained upon deposit of \$5, payable to the Finance Officer, Ft. Mason, San Francisco.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Waiter G. Predev, 187 Golden Gate Ave., San Francisco, at \$2,995 awarded the contract by United States Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for stage equipment for the theater unit, Yerba Buena Shoals.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Westinghouse Electric & Mfg. Co., Washington, D. C., at \$374,560 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for three turbo-generators and accessories at the Navy Yard, Pearl Harbor, T. H. Spec. No. 9027.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—As previously reported, until Dec. 21, 11 A.M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D.C., for construction of the Paint Shop at Navy Yard, Mare Island; Spec. No. 8994. Est. cost, \$135,000.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island.

Specification number previously reported in error.

Complete Bids.

ALTER HOSPITAL Cost, \$..... **RED BLUFF,** Tehama Co., Calif. Addition to hospital bldg. (concrete walls, composition roof, frame interior, etc.) Owner—St. Elizabeth Mercy Hospital Red Bluff. Architect—Story and Brouchou (A. W. Story, Architect, 116 W 2nd St., Chico). Low Bidder—Harry Porter, Gerber. \$24,288.

Complete bids were:

Harry Porter, Gerber.....\$24,288
Shalz Const. Co., Chico.....24,450
Nichols & Parker, Red Bluff.....25,395
L. Ehorn, Red Bluff.....25,190

BIDS WANTED

SAN DIEGO, Calif.—As previously reported until Dec. 15, 11:00 A. M., bids will be received by the 11th Naval District, Foot of Broadway, San Diego, for improvements to Bldg. No. 4 (Battery and Metal Shop) at the Naval Operating Base (Air Station), San Diego, California; Spec. 8797. Estimated cost \$65,000. The work consists in general of extending two sides of an existing 1-story frame bldg. It will have ap-

prox. 15,000 sq. ft. The work includes brick and hollow tile; stucco-concrete; sills and windows; steel doors and windows; stucco steel; timber sheathing with built-up rfg and sheet metal work; drainage piping, elec. work and ptg. Bidding data may be obtained at the above address upon deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

FORT LEWIS, Wash.—Until Dec. 28, 11:00 A. M., bids will be received by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of 4-story and basement, cold brick, AC Barracks (1285 men), at McChord Field, Wash.

Plans obtainable from the Constructing Quartermaster, upon deposit of \$75 certified check payable to Treasurer of U. S.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Louis C. Dunn, Inc., 681 Market St., San Francisco, at \$17,554 submitted low bid and awarded contract by Dept. of Public Works at office of California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of Coast Guard Buildings on Yerba Buena Shoals.

Complete bids were:	\$17,554
Louis C. Dunn, Inc.	17,800
Clinton Construction Co.	17,945
Barrett & Hupp	17,956
D. W. Nicholson	18,884
Fred J. Early, Jr.	18,884
Albert E. Mangs & Associates	20,990

BIDS WANTED

PUGET SOUND, Wash.—As previously reported, until Dec. 28, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 125,000-pound-per-hour, 400 pound gauge pressure boiler with water-cooled walls, oil burning equipment, superheater, air preheater, water heaters, pumps, fans, air and flue-gas ducts, soot blowers, continuous blow-down, feed water treatment, combustion control system and complete wiring and piping systems at the Navy Yard, Puget Sound, Washington; Spec. 8821. Est. cost, \$150,000.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Puget Sound, Washington, upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. (1144) 1st rep. Dec. 2, 1938. 7

BIDS WANTED

SAN DIEGO, Cal.—Until Dec. 15, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8824, for hoisting cable for two passenger elevators at the 11th Naval District (Naval Hospital), San Diego.

Work includes removal of present hoisting cables and the furnishing and installing of new hoisting cables for two existing passenger elevators, one in the Administration Bldg. No. 1, and one in the Contagious Ward Bldg. No. 20.

Bidding data obtainable from the Public Works Officer upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards & Docks. 7

BIDS OPENED

SAN DIEGO, Calif.—M. J. Newson & Co., Des Moines, Iowa, at \$2,273, submitted low bid to the Procure-

ment Division, Public Bldgs. Branch, Wash., D. C., for painting plaster, etc., in the U. S. P. O., etc., at San Diego.

Complete bids were:	
M. J. Newson & Co., Des Moines, Iowa	\$2,273.00
Robt. E. L. Majors, El Paso, Texas	2,577.00
Patterson Bros., Oakland	2,285.00
Pacific Painting & Decorating Co., Oakland	2,960.00
D. Zelinsky & Sons, Los Angeles	3,592.00
Jes B. Worthington, San Diego	3,762.00
Adams Decorating Co., Oak Park, Ill.	3,800.00
Wm. Gelfan, Los Angeles	4,330.00
C. R. Greaves, San Diego	4,979.90
G. A. Bell, San Diego	6,274.00
Harry Wasserman, Los Angeles	7,590.00
Craftsman Painting and Decorating Co., Denver	8,735.00

COMPLETE BIDS

FORT LEWIS, Wash. —J. W. Bailey Constr. Co., Insurance Bldg., Seattle, at \$240,700 submitted low bid to Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for constructing one 250-men barracks at Fort Lewis.	
Complete bids were:	
J. W. Bailey Const. Co., Seattle	\$240,700
George A. Fuller Co., L. A.	250,000
MacDonald Const. Co., Seattle	279,750
MacDonald Building Co., Tacoma	261,164
Dally Constr. & Eng. Co., Seattle	252,267
Western Constr. Co., Seattle	253,300
Martin H. Marker, Tacoma	299,000

Site Selected

POST OFFICE	Cost, \$177,000
BURLINGAME, San Mateo Co., Cal.	
Barr Road and Lorton Ave. bet Howard and Burlingame Aves.	
New United States Post Office.	
Owner—United States Government.	
Plans by the Supervising Architect, Treasury Dept., Wash., D. C.	
Cost of site was \$38,000.	7

BIDS WANTED

FORT LEWIS, Wash.—As previously reported, until Dec. 23, 11:00 A. M., bids will be received by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of the central heating plant at McChord Field. Est. cost \$335,000.

Work involves construction of bldg. approx. 134x70-ft., concrete foundations being done by day labor but contractor required to waterproof them; also furnishing and installing a steam heating plant, coal fed, with four boilers.

Plans and specifications obtainable from Capt. Antonovich upon deposit of certified check of \$50, payable to Treasurer of United States.

Contract Awarded

POSTOFFICE	Cont. Price, \$92,618
TRAWLEY, Imperial Co., Calif.	
New United States Post Office.	
Owner—United States Government.	
Plans by the Supervising Architect, Treasury Dept., Wash., D. C.	
Contractor—James I. Barnes Const. Co., Builders' Exchange Building, Santa Monica.	

9—HOSPITALS

Sub Contracts Awarded	
HOSPITAL	Cont. Price, \$74,643
WEIMAR, Placer Co., Calif.	
Two-story addition to sanitarium.	

Owner—Weimar Joint Sanitarium Hospital Central Comm., C. Gelsenderfer, Secretary.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

Electric Wiring—Truckee Electric Service, P. O. Box 97, Truckee, 2416 J St., Sacramento.

Finish Hardware—Shorrock-Smith Hardware Co., 818 J St., Sacto.

Heating, Lumber, Linoleum, Plumbing, Sheet Metal—Auburn Lumber Co., Auburn.

Steel Sash—Soulé Steel Co., 170 Army Street, S. F.

Vault Door—American Safe Co., 130 Battery St., S. F.

Hardwood Floors—Nowland Floor Company.

Toilet Partitions—Price Bldg. Specialty Co., 35 Gilbert St., S. F.

Ventian Blinds & Shades—D. N. & E. Walter & Co., 562 Mission St., San Francisco.

Mill Work—Burnett & Sons, 11th and St Sts., Sacramento.

Painting—W. H. Raymond, 2710 Donner Way, Sacto.

Reinf. Iron & Misc. Iron—Palm Iron Works, P. O. Box 746, Sacto.

Roofing—Bush Roofing Co., 1912 K St., Sacramento.

Tile Work and Marble—H. P. Fischer Tile Co., 1219 J St., Sacto.

13—PUBLIC BUILDINGS, FIRE HOUSES & JAILS

Bids Wanted—To Close December 28, 2 P. M.

PHYSICIANS COTTAGES

ELDRIDGE, Sonoma Co., Calif., Sonoma State Home.

Erection and completion of three assistant physicians cottages; one-story wood frame buildings with wood shingle roof covering, together with three garages and roadwork.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received for (1) general work (2) plumbing and heating work and (3) electrical work.

Plans and specifications obtainable from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25, returnable.

Bids must be accompanied by cashier's or certified check, payable to the Director of Public Works in the amount of 10% of bids.

Sub-Contracts Awarded

EXHIBIT BLDG. Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Mining Exhibit Bldg.; Treasure Mt. Show workings of mines, etc.

Owner—California Commission for the Golden Gate Exposition.

Consulting Architect—Mark Daniels, 101 Post St., San Francisco.

Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.

Painting—B. F. Fowl and Co., 253 Lombard St., San Francisco.

Ventilating—Scott Co., Inc., 243 Minna St., San Francisco.

Lumber—Christenson Lbr. Co., Quinn and Evans Ave., San Francisco.

BIDS WANTED

YERBA BUENA SHOALS.—Until Dec. 23, 2 P. M., bids will be received by the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411 Pacific Mutual Life Insurance Bldg.

660 Market St., San Francisco, and publicly opened and read in Room 415 of said building, for finish work in the Auditorium Building on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and in Oakland.

Sub-Contracts Awarded
EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of frame pavilion exhibit building.

Owner—The Argentine Republic.
 Architect—Amando d'Ans.
 Consulting Architect—Wm. Wilson Wurster, 260 California St., San Francisco.

Contractor—P. J. Walker Co., 607 Sharon Bldg., San Francisco.

Roofing—Alta Roofing Co., 976 Indiana Street.

Plumbing—Monihan Stauffacher Co., 1552 Fulton St.

Electric Wiring—Spencer Electric Co., 570 Natoma St.

Heating—Scott Co., Inc., 243 Minna.
 Sheet Metal—Gulifoy Cornice Works, 1234 Howard St.

Glass—W. P. Fuller & Co., 301 Mission Street.

Glass Bricks—Wm. A. Rainey and Son, 323 Clementina Street.

Iron Grille Work & Structural Steel—Fair Mfg. Co., 617 Bryant St.

Lumber—Hilden Lumber Co., foot of University Ave., Berkeley.

Mill Work—Pacific Mfg. Co., Santa Clara.

Hardware—E. M. Hundley Hdwe. Co., 662 Mission St.

Lathing and Plastering—M. J. King, 231 Franklin St.

Linoleum—Van Fleet-Frear Co., 557 Howard Street.

Steel Sash and Doors—Soule Steel Co., 1750 Army Street.

All of San Francisco unless otherwise noted.

ARCHITECT APPOINTED
SAN FRANCISCO—Director A. D. Wilder, of the San Francisco Department of Public Works, yesterday appointed Architect Fred H. Meyer consulting architect on the school house building construction (PWA Docket 1578-F) and the hospital bldg. construction (PWA Docket 1902-F). 13

BIDS OPENED
SAN FRANCISCO—Main Engineering Company, 110 Hooper St., at 570, submitted low bid to the Dept. of Public Works, City Hall, for removing old liner and replacing with 3/4-inch boiler plate in No. 1 mixers at Ashbat Plant, Florida and Treat Avenues.

Only other bid submitted by Ocean Shore Iron Works, at \$81. 13

Contract Awarded
ALTERATIONS & ADDITIONS
 Cont. Price, \$1,555
SAN JOSE, Santa Clara Co., Calif.
 Santa Clara County Hospital.
 Alterations and additions to the Physicians' Residence.
 Architects—Binder & Curtis, 35 West San Carlos St., San Jose.
 Contractor—Frank Nevils, 891 Harrison St., Santa Clara.

BIDS WANTED
YERBA BUENA SHOALS, Cal.—Until December 23, 2 P. M., bids will be received by the Department of Public Works, at the office of the California Commission for the Gold-

on Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, and publicly opened and read in Room 415, of said building, for general construction of Western States Map Pit on Yerba Buena Shoals.

Plans and specifications may be obtained at the above office upon deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and in Oakland.

Sub Contracts Awarded
CITY HALL

COALINGA, Fresno Co., Calif.
 City Hall, Police Headquarters, Jail.

Owner—City of Coalinga, Ethel K. McCroskey, City Clerk.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Contractor—W. J. Ochs, Inc., Helm Bldg., Fresno.

Reinf. Steel, Orna. & Misc. Iron & Jail Equip.—Kyle & Co., 346 G Street.

Glass & Glazing & Glass Blocks—W. P. Fuller & Co., 1246 Fulton Street.

Roofing—Trinidad Mastle Floor Co., 1850 E. 41st St., L. A.

Lathing & Plastering—W. F. Schmiedberg, N. Sierra & Taylor Sts.

Tile & Marble—Premier Tile & Marble Co., 1321 Huntington Drive, So. Pasadena.

Painting—D. E. Weaver, Route 2, Box 1500, Porterville.

Plumbing, Heating & Sheet Metal—Polndexter & Skoegard, 345 D, Lemoore.

Electric Wiring—Davis Electric, P.O. Box 482, Coalinga.

Insulation—Valley Home Insulation Co., 514 N. Fulton St., Fresno.

Air Conditioning—Johnson Bros., Fresno.

Rock & Sand—Brown Materials Co., Ltd., P. O. Box 86, Huron.

Cement—Yosemite Portland Cement Co., 1337 Merced St.

Lumber—Standard Mill & Lumber Co., 1710 Blackstone St.

Mill Work—Madary Planing Mill.

Steel Sash, Vault Door, Chairs—Healey & Popovich, 1911 Merced Street.

All of Fresno, unless otherwise noted.

BIDS WANTED
SAN FRANCISCO—Until Dec. 16, 11:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing plumbing work and wood and glass partitions for Public Welfare Department, SW Gough and Fell Streets, est. cost \$5,000.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon

BIDS WANTED
SAN FRANCISCO—Until Dec. 14, 1:45 P. M., informal bids will be received by the Dept. of Public Wks, Room 251, City Hall, for furnishing and installing composition floor in West Portal Library, Ulloa Street and Lenox Way.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall.

CONTRACT AWARDED
COLUSA, Colusa Co., Calif.—F. H. Nelson, Orland, at \$4,438 awarded contract by the Colusa County Supervisors for repairing and reconditioning the Colusa County Memorial Hospital. Engineer, Chas. De Saint Maurice.

Only other bids submitted by I. Hoffmaster, Colusa, at \$4,373. 13

Contract Awarded
DETECTION HOME

Cont. Price, \$82,450
EUREKA, Humboldt Co., Calif.

Construction of new detention home and welfare building.

Owner—County of Humboldt, (Fred M. Kay, Clerk).

Architect—Frank T. Georgeson, 537 G Street, Eureka.

Contractor—Fred J. Maurer & Son, 3031 E. St., Eureka.

Sub-Contracts Awarded
CITY HALL Cont. Pr., \$86,850

MARYSVILLE, Yuba Co., Cal. SW corner of Sixth and C Streets.

Two-story Class B City Hall building (13,800 sq. ft. of floor space), to contain city offices and city jail and furnishing and installing of jail equipment in same building.

Owner—City of Marysville, (Chester O. Gates, City Clerk).

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Contractor—Taber & Higgins, P. O. Box 708, Oroville.

Roofing—The Allyn L. Burr Co., 2417 28th St., Sacramento.

Plumbing, Heating and Sheet Metal—Frank M. Booth, 222 Third St., Marysville.

Electric Wiring—Rex Moore, 616 San Antonio Way, Sacramento.

Marble and Tile Work—Ray Cook Marble Co., 1535 Powell Street, Oakland.

Glass—W. P. Fuller & Co., 1013 12th St., Sacramento.

Window Shades—D. N. & E. Walter and Co., Inc., 562 Mission Street, San Francisco.

Iron Grille Work & Aluminum Work—The Palm Bridge & Iron Wks., P. O. Box 746, Sacramento.

Grading—Harrison & Harrison, P. O. Box 975, Oroville.

Lumber—Daugherty Lumber Co., 169 Napoleon St., San Francisco.

Millwork—Diamond Match Company Marysville.

Painting—Robinson Paint Co., 113 D St., Marysville.

Linoleum—Turner Resilient Floor Co., 141 New Montgomery Street, San Francisco.

Metal Toilet Partitions—D. A. Pancoast Co., 116 New Montgomery St., San Francisco.

Reinforcing Steel—Ceco Steel Products Corp., 1280 Indiana St., San Francisco.

Terrazzo—Valley Terrazzo & Marble Co., 4115 Berkshire Ave., Sacramento.

Cast Cement Ornaments—Fred Ferrero & Son, 1715 Webster Street, Alameda.

Steel Sash—Michel and Pfeffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco.

Sub-Contracts Awarded
EXHIBIT BLDG. Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building.

Owner—Standard Brands of California.

Plans by Engr. Dept. of Owner.

Contractor—Barrett & Hiip, 918 Harrison St., San Francisco.

Linoleum—Peterson - Cobby Co., 363 Clementina St., San Francisco.

Plumbing—Higgins & Kraus, 741 Te-hama St., San Francisco. 13

AWARD RECOMMENDED
SANTA CRUZ, Santa Cruz Co., Cal.—Healy-Tibbitts Const. Co., 1100 Evans Ave., San Francisco, at \$13,400 recommended to PWA for award of contract by the City of Santa Cruz, S. A. Evans, City Clerk, for driving of piles in connection

with the construction of an auditorium and Fire House at Santa Cruz. Complete bids were:

Healy-Thibbits Const. Co. \$13,400
Raymond Concrete Pile Co. 16,450
Ben C. Gerwick 23,000

Sub Contracts Awarded

CITY HALL Cont. Pr., \$86,850
MARYSVILLE, Yuba Co., Calif. SW cor. of Sixth and C Sts.
Two-story Class B City Hall bldg. (13,800 sq. ft. of floor space), to contain city offices and city jail and furnishing and installing of jail equipment in same bldg.

Owner—City of Marysville, (Chester O. Gates, City Clerk).
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Contractor—Taber & Higgins, P. O. Box 708, Oroville.
Electric Wiring—Rex Moore, 616 San Antonio Ave., Sacto.

Excavating—Harrison & Harrison, P. O. Box 975, Oroville.
Glass & Glazing—W. P. Fuller Co.

Heating & Sheet Metal—Frank M. Booth, 222 3rd St., Marysville.
Insulation—Allyn L. Burr Co., 247 28th St., Sacto.

Lumber—Daugherty Lumber Co., 189 Napoleon St., S. F.
Steel Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison St., San Francisco.

Linoleum—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.

Cast Cement Ornaments—Fred Ferrero & Sons, 1715 Webster Street, Alameda.

Metal Toilet Partitions—D. A. Pancoast Co., 116 New Montgomery St., San Francisco.

Shades & Blinds—D. N. & E. Walter Co., 562 Mission St., S. F.

Millwork—Diamond Match Co., Chico.
Ornamental Iron—Palm Iron and Bridge Works, P. O. Box 746, Sacto.

Painting—Robinson Paint Co., 113 D St., Marysville.

Plumbing—Frank M. Booth, 222 3rd St., Marysville.

Reinf. Iron—Ceco Steel Products Corp., 1280 Indiana St., S. F.

Terrazzo—Valley Terrazzo & Marble Co., 4115 Berkshire Ave., Sacto.

Tile Work & Marble—Ray Cook Marble Co., 1535 Powell St., Emeryville.

Contract Awarded
GLASS MAP
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Class Map, Pacific Bldg.; Contract No. 198 6.

Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 535 Bush St., San Francisco.

Contractor—Federal Ornamental Iron & Bronze Co., 16th and San Bruno Sts., San Francisco, \$720.

Bids Wanted—To Close Dec. 22, 2 P. M.
STATE OFFICE BLDG

Cost, \$853,500
OLYMPIA, Washington
Construction of State Office Bldg.

Owner—State of Wash., State Capitol Committee, A. C. Martin, Secy., Public Lands-Social Security Bldg., Olympia.

Separate bids will be received for general (\$681,800), mechanical (\$122,200), and electrical work (\$42,500), and electrical fixtures (\$17,000).

Plans and specifications obtainable from the architect upon deposit of \$25.00.

Bids Wanted—To Close Dec. 12, 5 P. M.

FIRE STATION Cost, \$120,000
BAKERSFIELD, Kern Co., Calif.
Two-story and part basement, reinforced concrete Central fire station. FWA project.

Owner—City of Bakersfield, V. Van Riper, Clerk.

Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Bids must be accompanied by a cashier's check or bid bond for 5% of bid and will be opened at 8 P. M., Dec. 12, in the Council Chamber, City Hall, Bakersfield.

CONTRACT AWARDED

CASTAIC, L. A. Co., Calif.—Guy E. Hall, 4172 Dalton Ave., L. A., awarded contract by L. A. County Supervisors at \$77,430, for construction, including plumbing, heating, refrigeration and electrical work, for misc. structures to be built at the new county prison farm on the Dunn ranch, near Castaic; Spec. No. 487.

13
Sub-Contracts Awarded
EXHIBIT BLDG.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of exhibit bldg.
Owner—Chrysler Motors.
Architect—Not given.

Contractors—Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., S. F.

Linoleum—West Coast Linoleum and Carpet Stores, 2703 Mission St.

Steel Tower—Star Ornamental Iron Works, 227 Bay St.

Plastering—Peter Bradley, 639 Branran St.

Electric Wiring—Chas. A. Langlals, 472 Tehama St.

Lumber—Christenson Lumber Co., Quint & Evans Sts.

Mill Work—J. A. Hart Mill & Lumber Co., Jerold and Napoleon Streets.

Contracts Awarded
ADDITION
SANTA CRUZ, Santa Cruz Co., Cal.

64 Church St.
Addition to City Hall Bldg. and Police Garage, including all necessary equipment and ground improvements.

Owner—City of Santa Cruz (S. A. Evans, City Clerk).

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Nielsen & Erbentraut, 201 S. Market St., San Jose, at \$1,374 awarded contract for paving work and at \$1,619 awarded contract for stone walls.

Duplicate bids received for sprinkler system were rejected and work will be re-advertised together with landscaping work, at a later date.

Bids Wanted—To Close Dec. 16, 2 P. M.
FOUNDATION WORK Cost \$
DIXON, Solano Co., Calif. Thirty-sixth District Agricultural Assn.

Construction of foundation work for grandstand and exhibit building: work comprises excavating, grading, forms, concrete work and steel anchors for the concrete piers and foundation walls of two separate buildings, namely the grandstand and exhibit bldg.

The grandstand will be a wood frame structure approx. 216 ft. long and 32½ ft. wide: the exhibit bldg. will be a wood frame bldg. approx. 100 ft. long and 60 ft. wide.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Plans and specifications obtainable from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25, returnable.

Bids must be accompanied by cash, cashier's or certified check payable to the Director of Public Works in the amount of 10% of bid.

14— RESIDENCES

Low Bidder
RESIDENCE Cost, \$.....
BELVEDERE, Marin Co., Calif.

Two-story frame and stucco residence (8 rooms, 3 baths) plastered interior, wood and steel sash, gas furnace, shingle roof, detached garage, etc.

Owner—Withheld.
Architect—Fred Reimers, 233 Post St., San Francisco.

Low Bidder—Clem Anderson, 3285 22nd St., San Francisco.

Completing Plans
RESIDENCE Cost, \$20,000
SONORA, Tuolumne Co., Calif.

Two-story residence with two apts. on second floor; frame and brick veneer construction, wood siding, concrete retaining walls in basement, Monterey shake roof, hardwood floors, tile baths, etc.

Owner—John Meyer.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans will be figured shortly by a selected list of contractors.

Plans Completed
RESIDENCES Cost, \$5,000 each
SAN FRANCISCO, Germany Bldv.

Thirteen 1-story frame and stucco residences (5 rooms each) tile drainboards and baths, composition roofs, hardwood floors, etc.

Owner & Builder—A. Johnson, Madison Street.
Architect—D. E. Jaekle, 126 Post St.

Bids Wanted—To Close December 16, 7:30 P. M.

ALTERATIONS & ADDITIONS
SEBASTOPOL, Sonoma Co., Calif.

Alterations and addition to residence involving shake roof, hardwood floors, gas fired hot air heating system, etc.

Owner—Harry Fuller, co Arch.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Bids will be opened at the Sebastopol National Bank Bldg.

Following have taken out plans:
Carl W. Shatto, 390 Murphy Ave., Sebastopol.

Harvey H. Chinnock, Route 3, Box 553, Sebastopol.

Bid Opening Postponed Until Dec 15, 11 A. M.
RESIDENCE Cost, \$6500
GRATON, Sonoma Co., Calif.

One-story frame and stucco residence: tile roof, steel sash, hardwood floors, electric heating system, etc.

Owner—Wm. B. Longvill, S. F.
Architect—Clarence Caulkins, 426 Rosenberg Bldg., Santa Rosa.

Plans are being figured by a selected list of contractors.
Postponed from Dec. 10.

Contract Awarded
RESIDENCE
CONTRA COSTA COUNTY, Calif.

Two-story frame and stucco residence (8 rooms), hardwood firs, shingle roof, gas fired hot air heating, tile baths, etc.

Owner—L. L. Stein.
 Architect—John B. Anthony, 462 Elwood Ave., Oakland.
 Contractor—John E. Bigelow & Sons, 150 Ardmore Road, Berkeley.

Taking Segregated Bids
RESIDENCE
ORINDA, Contra Costa Co., Calif.
 One-story frame residence, (5 rms, 2 baths), shingle roof, oil furnace, steel sash, linoleum floors, etc.

Owner—Robert M. Moorhead.
 Architect—John Hudspeth, 1831 Arch St., Berkeley.
 The architect is taking segregated bids for about two weeks.

Bids Opened
RESIDENCE
MENLO PARK, San Mateo Co., Cal.
 One-story frame and stucco residence (6 rooms), hardwood flrs., tile bath, etc.

Owner—Felton Gables Company.
 Architects—Higgins & Root, (Chester Root, Arch.) Security Bldg., San Jose.
 Low Bidder—Dan D. Robertson, Jr., 1177 Lincoln Ave., Palo Alto, \$6,438.

Complete bids were:
 Dan D. Robertson, Jr., Palo Alto\$6,438
 M. J. Henry, Burlingame 6,564
 G. W. Williams Co., Burl. 6,575
 Longfeld & Olund, Ltd., San Mateo 6,718
 George Arthur & Sons, San Mateo 6,793

Preparing Working Drawings
RESIDENCE
SAN MATEO COUNTY, Calif. White Oaks.

One-story frame and stucco residence; hardwood floors, tile baths etc.
 Owner—Withheld.
 Architects—Fabre & Hildebrand, 251 Kearny St., S. F.

Preparing Working Drawings
RESIDENCE
SAN FRANCISCO.

One-story frame and stucco residence; hardwood floors, tile baths etc.
 Owner—Withheld.
 Architects—Fabre & Hildebrand, 251 Kearny St., S. F. • 14

Bids Opened
RESIDENCE
SAUSALITO, Marin Co., Calif.

Two-story frame residence, hardwood floors, tile baths, etc.
 Owner—Mr. La Violette, c/o Arch.
 Architect—Edward G. Bolles, 681 Market St., S. F.
 Low Bidder—William Martin, 666 Mission St., S. F., \$10,592.

Complete bids were:
 William Martin S. F.\$10,592
 Leibert & Trobeck, Sausalito, 10,765
 A. W. Teather, Sausalito..... 12,450

Contract Awarded
RESIDENCE
SAN CARLOS, San Mateo Co., Cal.

One-story frame with Redwood siding residence (7 rooms), hardwood floors, tile baths, gas fired hot air heating system, shingle roof, terrace.
 Owner—C. A. Phelan.
 Architect—Oscar R. Thayer, 557 Market St., S. F.
 Contractor—F. H. Kappeler, 128 Motke, Daly City.

Bids In
RESIDENCE Cost, \$.....
BURLINGAME, San Mateo Co., Cal.

Two - story frame and stucco residence (hardwood floors, tile baths, etc.)
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Bids in. Held under advisement.

Preparing Preliminary Plans.
RESIDENCE Cost, \$10,500
OAKLAND, Alameda Co., Calif. Estates Drive.

Two and one-half story frame and stucco and wood siding residence (5 bedrooms, 4 baths) hardwood floors, tile baths, shake roof, etc.
 Owner—Withheld.
 Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Plans Completed
RESIDENCE Cost, \$4500
SAN MATEO COUNTY, Calif.

One - story frame and stucco residence (5 rooms) shingle roof, gas - fired forced air heating, hardwood floors, tile baths, detached garage, etc.
 Owner and Builder—O. L. Johnson.
 Plans by L. O. Berg, 720 Corbett Ave. San Francisco.

Low Bidder
RESIDENCE Cost, \$.....
BURLINGAME, San Mateo Co., Cal.

Two - story frame and stucco residence (hardwood floors, tile baths etc.)
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Low Bidder—C. H. Bessett Building Co., 826 Walnut Ave., Burlingame.

Low Bidder
RESIDENCE Cost, \$.....
BAYWOOD KNOLES, San Mateo Co.

One and 1/2 - story frame and stucco residence (10 rooms and 3 baths) gas fired hot air heating, shingle roof, hardwood floors, tile baths
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Low Bidder
RESIDENCE Cost, \$.....
SAN FRANCISCO.

One-story frame and stucco residence; hardwood floors, tile baths etc.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.
 Low Bidder—D. K. Brookes, 900 4th St., San Mateo.

WORK STARTS SHORTLY
LOS ANGELES, Calif.—Lindgren & Swinerton, 605 W. Olympic Blvd., L. A., will break ground before the end of December for the construction of the residential section of Wyvernwood, the rental housing and business district project to be built on a 72-acre tract of land bounded by 8th St., Soto St., Olympic Blvd. and Grande Vista St. for the D. Herbert Hostetter Estate; John S. Griffith, manager. Plans have been filed in the city bldg. dept. for checking. The residential part of the project will consist of 143 bldgs., housing 1102 units and 443 rooms; wood frame construction, stucco exterior shingle roofs, composition tile bathroom floors, gas floor furnaces, wood or steel sash, oak floors, wrought iron, brick work, ovd. garage drs., tile ddds, probably elec. water heaters, ranges and refrigerators; cost \$2,400,000. Contract for the construction of the business district, landscaping and other phases of the work will be awarded later. Witmer & Watson, 903 Architects' Bldg., are the architects. • 14

15— SCHOOLS

BIDS WANTED
SAN FRANCISCO—Until Dec. 14, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, for Roads and adjoining gutters, walks and curbs of

the Science Building, San Francisco Junior College, Ocean and Phelan Aves. Lump sum bids will be received; est. cost \$9,250.
 Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$5.

CONTRACT AWARDED
LOS ANGELES, Calif.—Lovrich & Konjevod, 2835 Newell St., awarded contract by L. A. Board of Education, at \$63,964, for construction of one-story assembly hall bldg. at the Florence Nightingale jr. high school, 3311 N. Figueroa St., a PWA project. John C. Austin, arch., 608 Chamber of Commerce Bldg. • 15

Bids Wanted—To Close December 20 4 P. M.

RECONSTRUCTION Cost, \$.....
OAKLAND, Alameda Co., Cal. 97th Ave. and Burr St.
 Reconstruction of the Toler Heights Elementary School.
 Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland (School Administration Bldg.)

Plans and specifications may be obtained from Room 109, 1076 Second Ave., Oakland, upon deposit of \$25. Bids will be opened in the same office.

Following have taken out plans:
 E. T. Leiter Sons, 811 37th Street, Oakland.
 George Swanstrom, 1615 78th Ave., Oakland.
 M. B. Rogers, 818 Broadway, Oakland.

CONTRACT AWARDED

WILLIAMS, Ariz.—Paul Brown, Phoenix, awarded contract by Williams School District, at \$34,290, for construction of a new 3-story grammar school bldg in Williams, a PWA project. Orville A. Bell, architect, Heard Bldg., Phoenix. 15

Bids Wanted—To Close December 20 4 P. M.

RECONSTRUCTION Cost, \$.....
OAKLAND, Alameda Co., Cal. 63rd St. and San Pablo Ave.
 Reconstruction of the South wing of the Golden Gate Jr. High School.
 Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland (School Administration Bldg.)

Plans and specifications may be obtained from Room 109, 1076 Second Ave., Oakland, upon deposit of \$25. Bids will be opened in the same office.

Following have taken out plans:
 F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
 E. T. Leiter Sons, 811 37th Street, Oakland.
 George Swanstrom, 1615 78th Ave., Oakland.

Peter Sartorio, 369 Pine St., San Francisco.

BIDS OPENED

WASHINGTON, D. C.—Bids opened by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., under Sched. 4918, for steel mooring buoys for eastern and western yards are on file in the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. • 25

CONTRACT AWARDED

OVERTON, Nev.—Jennings & Cannon, St. George, Utah, awarded contract by Education District No. 1, Clark County, Nev., at \$46,375, for alterations and improvements to present Overton school, and for similar work at schools in Logandale and Moapa, Nev. Miles E. Mil-

ler, architect, 312 Felt Bldg., Salt Lake City. 15

Plans Completed

AUDITORIUM Est. Cost, \$200,000
BAKERSFIELD, Kern County, Cal.
 Washington School (Niles and Baker Streets).

Reinforced concrete auditorium to seat 1000 persons, with stage, cafeteria and storage room; air conditioning and steam heating system.

Owner—Bakersfield School District.
 Architect—Symmes & Willard, Stanton Willard, architect, 1314 17th St., Bakersfield.

Structural Engineer—Don Shugart, Los Angeles.
 Mechanical Engineer—Del Reynolds, Los Angeles.

Bids will be asked shortly.

BIDS OPENED

SAN FRANCISCO—Sibley Grading & Teaming Co., Ltd., Ocean & Phelan Aves., at \$5,875 submitted low bid to the Dept. of Public Works, City Hall, for grading the site of Abraham Lincoln High School Block Bounded by 22nd, 24th Avenues, Quintara and Santiago Streets.

Complete bids follow:
 Sibley Grading &
 Teaming Co., Ltd.\$5,875
 Plombo Bros. & Co. 6,266
 Eaton & Smith 7,800
 Fay Improvement Co. 11,450
 Chas. L. Harney 11,750
 West Construction Co. 12,740

Sub Contracts Awarded

SCHOOL BUILDING
 Cont. Price, \$44,769
SACRAMENTO, Calif. NW side McKinley Blvd. at San Miguel Way.
 Construction of addition to Theo. Judah Elementary School to contain administrative office, kindergarten room and assembly addition.

Owner—Sacramento City Unified School District, (C. S. Hughes, Secretary).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

Contractor—M. R. Peterson, 1116 O St., Sacramento.

Electric Wiring—Rex Moore, 616 San Antonio Way.

Glass & Glazing—American Fuel and Materials Co., 2701 Stockton Blvd.

Hardware—Forsberg & Frise, 1865 49th St.

Heating—Luppen & Hawley, Inc., 3128 J Street.

Insulation—Johnson Brothers, 3200 Stockton Blvd.

Lumber—Diamond Match Co., Chico.

Steel Sash—Thomas P. Scollan Co., 2919 T Street.

Sash—Universal Window Co., 950 Parker St., Berkeley.

Linoleum—C. E. Lewis, 1329 J St.

Millwork—Moore & Garlick, 1716 Alhambra Blvd.

Orna. Iron—Alling Iron Works, 5th and X Sts.

Painting—Willcoxon & Wilson, 1724 34th St.

Plastering—Norman T. Hill, Route 1, Box 1427.

Plumbing—Leonard U. Plummer, 1019 J Street.

Roofing—Johnson Bros., 3200 Stockton Blvd.

Sheet Metal—Park Sheet Metal Wks, 2562 Sacramento Blvd.

Terrazzo—Valley Terrazzo & Marble Co., 4115 Berkshire Ave.

Title Work—Adams Title Co.

Window Shades, Stage Equipment, Blackboards, Drapes, etc.—Fred E. Turner Co., P. O. Box 501, Stockton.

All of Sacramento, unless otherwise noted.

BIDS WANTED

VICTORVILLE, San Bernardino Co., Cal.—Until Dec. 17, 1 P. M., bids will be received by the Victor School District for a new grammar school building to be built in Victorville, a FWA project. Plans and specifications will be available on and after Dec. 2 at the office of Architects Marsh, Smith & Powell, 516 Architects' Bldg., Los Angeles, and at the office of the school district in Victorville upon deposit of \$20. 15

Bids Wanted—To Close Dec. 20, 2 P. M.

JUNIOR COLLEGE BLDGS.
 Cnst, \$195,000

SACRAMENTO, Calif.
 Construction of four building units at the Junior College as follows:
 Aeronautics Bldg., Engineering Shop Building, Home Economics Bldg., and Cafeteria.

Owner—Sacramento City Unified Sch. Dist. (Chas. C. Hughes, Secy.)
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened in the office of the Board of Education, Administration Bldg., 21st and L Sts., Sacramento.

Bids Wanted—To Close December 24, 11 A. M.

AUDITORIUM Cost, \$100,000
PATTERSON, Stanislaus Co., Calif.
 Reinforced concrete auditorium and gymnasium building.

Owner—Patterson Union High School District.

Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Plans and specifications may be obtained from the architects' office after Dec. 9.

Contract Awarded

AUDITORIUM Cost, \$.....
SONORA, Tuolumne Co., Calif.
 Two-story auditorium bldg. heating about 750, with music room, stage orchestra, etc.

Owner—Sonora Union High School District (J. E. Baer, Clerk).

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—C. A. Hillberg, 301 Cahill Ave., Turlock.

Bids Wanted
HIGH SCHOOL Cost, \$132,000
GRANTS PASS, Oregon.

One-story high school (164x331-ft.) containing 14 classrooms and 2 library rooms.

Owner—School District No. 7, Josephine County.

Architect—Glenn Stanton, 528 Railway Exchange Bldg.

Plans and specifications obtainable from the architect upon deposit of

Contract Awarded
SCIENCE BLDG. Cont. Pr. \$72,200
SONORA, Tuolumne Co., Calif.

Two-story reinforced concrete classroom building, containing classrooms, science room, and study hall.

Owner—Sonora Union High School District (J. E. Baer, Clerk).

Architect—E. G. Ernst, 561 E. Harding Way, Stockton.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—C. A. Hillberg, 301 Cahill Ave., Turlock.

Bids Wanted—To Close December 20, 7:30 P. M.

HIGH SCHOOL Cost, \$132,000
GRANTS PASS, Oregon.

One-story high school (164x331-ft.) containing 14 classrooms and 2 library rooms.

Owner—School District No. 7, Josephine County.

Architect—Glenn Stanton, 528 Railway Exchange Bldg.

Plans and specifications obtainable from the architect upon deposit of \$25.00. * 15

CONTRACT AWARDED

SAN FRANCISCO—A. M. Hardy, 736 Clementina St., at \$23,994 awarded contract by the Dept. of Public Works, City Hall, for general construction, including mechanical equipment and plumbing work, and electric work for construction of kindergarten buildings at Visitation Valley School, Delta and Schwerin Streets.

Bids Wanted—To Close December 14, 2:30 P. M.

SCIENCE BLDG.
SAN FRANCISCO, Ocean and Phelan Aves. (37-acre site).

Construction of first unit of San Francisco Junior College consisting of a 3-story reinforced concrete science building (80x500-ft), with 35 classrooms, 28 administrative and teachers' offices, 10 laboratories, and cafeteria to accommodate 1500 in basement.

Owner—City and County of San Francisco.

Architects—Miller & Pflueger, 580 Market St.

Structural Engineer—Walter L. Huber, 1 Montgomery St.

Plumbing, Heating and Ventilating Engineers—Leland & Haley, 58 Sutter St.

Electrical Engineer—G. M. Simonsen, 74 New Montgomery St.

As previously reported, bids will be taken as follows:

- (1) All work, including general construction, mechanical equipment and plumbing & electrical work;
- (2) All work, general constr., only;
- (3) All work, mechanical equipment and plumbing, only;
- (4) All work, electrical only.

Estimated Costs
 General contract, mechanical equipment and plumbing, and electrical work, \$1,070,000. Deposit for plans \$100.

General construction only, \$715,000. Deposit, \$50.

Mechanical equipment and plumbing, \$210,000. Deposit, \$25.

Electrical work, \$145,000. Deposit, \$25.

Plans and specifications obtainable from City Architect, Charles E. Sawyer, Room 265, City Hall. Work must be completed within 360 days.

Bids Wanted—To Close December 14, 2 P. M.

SCHOOL
GARBERVILLE, Humboldt Co., Cal.

One-story frame school building.

Owner—Garberville Union Elementary School District, Paul R. Todd, Clerk.

Architect—Frank T. Georgeson, 537 G Street, Eureka.

Plans and specifications may be obtained from the architect's office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 2:15 P. M., Dec. 14, in Garberville School Bldg.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 15, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for grading the site of the kindergarten addition to Francis Scott Key School. Estimated cost, \$500.

Plans obtainable from City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$5. * 15

BIDS WANTED

SAN FRANCISCO.—Until Dec. 14, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for clearing the site of the outer Mission High School. Est. cost, \$500.

Plans obtainable from City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$5. * 15

CONTRACT AWARDED

SAN FRANCISCO.—Alta Roofing Co., 976 Indiana St., at \$88 awarded contract by the Department of Public Works, City Hall, for re-roofing (tar and gravel) toilet building at Excelsior School. * 15

CONTRACT AWARDED

SAN FRANCISCO. — Wickwire-Spencer Steel Co., 101 Townsend St. at \$568.70 awarded contract by the Department of Public Works, City Hall, for furnishing and installing chain link fence at Edison School. * 15

CONTRACT AWARDED

SAN FRANCISCO. — Panhandle Carpet & Linoleum Co., 773 Divisadero St., at \$93 awarded contract by the Department of Public Works City Hall, for laying mastipave in Room 16 at Girls' High School. * 15

CONTRACT AWARDED

SAN FRANCISCO.—The American Seating Co., 207 Van Ness Ave. So., at \$96 awarded contract by the Department of Public Works, City Hall for blackboards at the Girls' High School. * 15

Plans Completed

SCHOOL BLDG. Cost, \$69,000
IRVINGTON, Alameda Co., Calif.
Irvington School.

New one-story grammar school bldg. to contain seven classrooms, gym-auditorium, etc.
Owner—Irvington Elementary School District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.

Plans are now in Sacramento awaiting approval of the State Division of Architecture.

Contract Awarded

HIGH SCHOOL Cont. Price \$126,986
SILVERTON, Oregon.

Two-story masonry and concrete high school building (130x311-ft.) lockers, full equipment, etc.
Owner—School District 4, Marion Co. (H. D. Adams, Clerk).

Architect—F. Marion Stokes, 1301 Terminal Sales Bldg., Portland.
Contractor—Viesko and Hannaman, Salem. * 15

LOW BIDDER

KERN COUNTY, Cal.—Opperman & Company, 1327 Orange Drive, Eakersfield, at \$98,765 submitted low bid to the Panama School District for a classroom, auditorium and cafeteria building to be built at the Panama School in Kern County a PWA project. It will be a 1-story frame and stucco structure with tile and composition roof, oil-burning, steam

heating system, steel and wood sash, linoleum floor covering, kitchen equipment. Bids were held under advisement.

Plans prepared by Symmes & Willard; Stanton Willard, architect, 1314 17th St., Bakersfield; Donald F. Shurgart, structural engineer, L. A.; Del Reynolds, mechanical engineer, Los Angeles.

Award Approved

SCHOOL Cont. Price, \$198,000
OAKDALE, Stanislaus Co., Cal. West of Laurel Ave., bet. Magnolia & Popular Streets.

Construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.
Owner—Oakdale Elementary School District, (J. J. Berry, Supt.).

Architects—Frank V. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

Contractor—John Hachman, P. O. Box 206, Stockton.
PWA approved award of contract.

Bids Rejected

GYMNASIUM
THE DALLES, Oregon.

One-story structural steel gymnasium (80x120 ft.), common brick exterior, composition roof, maple floors, concrete piling, steel sash, steam heating system, lockers.
Owner—School District 12, Prudence Patterson, Clerk, The Dalles.
Architect—John W. Maloney, Larson Bldg., Yakima.

Bids received Dec. 2 were rejected. Work will be readvertised.

Previous low bid submitted by J. J. Lohrenz, Paulsen Bldg., Spokane, at \$99,330. * 15

Contract Awarded

SCHOOL ADDITION Cont. Price \$98,990
SNOHOMISH, Washington.

Construction of additions to Senior High School building.

Owner—Consolidated School District No. 329 (A. A. Johnson, Clerk) Snohomish Co., Wash.
Architect—William Mallis, 330 Lyon Bldg., Seattle.

Contractor—Gen-Grady Constr. Co., 1196 Mercer, Seattle.

Bassett Plumbing and Heating Co., Everett, at \$13,360 awarded contract for plumbing and heating. * 15

Prospective Bidders

SCHOOL Cost, \$65,000
GARBERVILLE, Humboldt Co., Cal.

One-story frame school building.
Owner—Garberville Union Elementary School District, Paul R. Todd, Clerk.

Architect—Frank T. Georgeson, 537 G Street, Eureka.

Plans and specifications may be obtained from the architect's office upon deposit of \$20, returnable.

As previously reported, bids will be received until Dec. 14, 2 P. M., and opened at 2:15 of that date in Garberville School building.

Following have taken out plans:
Robert McCarthy, 1363 14th Ave., San Francisco.

E. A. Howkins & Co., 1182 Market Street, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Helen Bembow, Bembow Hotel, Redwood Highway, associated with Meyer Construction Co., 735 Portola Drive, San Francisco.

Fred J. Maurer & Son, 3031 E St., Eureka.
A. O. Lightford, Upper Lake.
Frank M. Crane, Fortuna.

Contract Awarded

SCHOOL Cont. Price, \$117,000
SALINAS, Monterey Co., Calif.
Construction of Unit No. 2, Junior College.

Owner — Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—F. C. Stulte Co., 203 Pine St., Pacific Grove.

Contract Awarded
EQUIPMENT AND FURNISHINGS
Cont. Price, \$5,860

SALINAS, Monterey Co., Calif.
Furnishing and installing manual training, domestic science and cafeteria equipment and furniture for the Washington School.

Owner — Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—F. C. Stulte Co., 203 Pine St., Pacific Grove.

Prospective Bidders.

CAFETERIA Cost, \$30,000
SALINAS, Monterey Co., Calif.

One-story cafeteria addition to the Salinas Union High School.

Owner — Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, bids will be opened Dec. 16, 8 P. M., in the Board Room, Salinas National Bank, Salinas.

Following have taken out plans:
P. T. Wallstrum, 854 Main Street, Watsonville.

V. H. Moore, 15 Williams Road, Salinas.

Harold C. Geyer, 574 Main Street, Monterey.

R. Pedersen, 446 Clark St., Fresno.
Willis F. Lynn, 1037 Ashmount Ave., Oakland.

BIDS WANTED

RENO, Nev.—Until Dec. 19, 7:30 P. M., bids will be received by the Board of Trustees of Reno School District No. 10, Washoe County, Nev., Chester A. Paterson, Clerk, for (1) heating and ventilating equipment; (2) plumbing equipment; (3) electric wiring; (4) cutting, patching, miscellaneous building construction, and (5) constructing a two-classroom addition to Mt. Rose School, in connection with alterations and additions in the Mt. Rose, Orvis Ring, North Side Junior High and Billinghurst Junior High Schools.

Plans and specifications may be obtained from the office of the Superintendent of Schools, Senior High School Bldg., Reno, upon deposit of \$25 for each segregation except electric wiring, which deposit is \$10, returnable.

Prospective Bidders.

ADDITION Cost, \$25,000
SALINAS, Monterey Co., Calif.

One-story addition to the Sherwood School to contain 3 classrooms and toilet rooms.

Owner—Salinas City School District
Architect—Chas. E. Butner, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, bids will be opened Dec. 16, 8 P. M., in the Board Room, Salinas National Bank, Salinas.

Following have taken out plans:
P. T. Wallstrum, 854 Main Street, Watsonville.

V. H. Moore, 15 Williams Road, Salinas.
Harold C. Geyer, 574 Clark Street, Monterey.

R. Pedersen, 446 Clark St., Fresno.
Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Bids Wanted—To Close December 20, 2 P. M.

FOUNDATIONS

SACRAMENTO Sacto. Co., Calif.
Construction of foundations for the additions to the John Muir Elementary School.

Owner—Sacramento City Unified School District, Chas. C. Hughes, Sacto.

Architects—Starks & Flanders, Bank of America Bldg., Sacto.

Plans and specifications may be obtained from the architects' office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the Administration Building of the Board of Education, 21st and L Sts., Sacto.

Contract Awarded

REMODEL SCHOOL Cont. Pr., #4230 RICHMOND, Contra Costa Co., Cal. Remodel and enlarge Nystrom school auditorium; addition of stage, dressing rooms, rest rooms, etc. Owner—Richmond Union Elementary School Dist. (W. T. Helms, Supt.) Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Contractor—Carl Overera, 2105 Roosevelt Ave., Richmond.
Only other bid submitted by Elmer J. Freethy, Richmond, at \$4600.

Bids Wanted—To Close Dec. 19, 7:30 P. M.

SCHOOL Cost, \$41,810
PORT CHICAGO, Contra Costa Co., Calif.

Addition of five classrooms, office, library and installation of heating system at the grammar school. Owner—Bay Point Elementary District, (H. A. Gustafson, Clerk).

Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA grant of \$18,810, together with bonds of \$23,000 will finance construction.

Plans and specifications may be obtained from the architect's office upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the office of the Bay Point Elementary School Building, Port Chicago.

BIDS REJECTED—

NEW BIDS WANTED

KERN COUNTY, Calif.—(Until) Dec. 20, 8:00 P. M., new bids will be received by the Panama School District for a classroom, auditorium and cafeteria building to be built at the Panama school in Kern County, a PWA project. It will be a one-story frame and stucco structure with tile and composition roofing, oil-burning, steam heating system, steel and wood sash, linoleum floor covering, kitchen equipment. Est. cost \$86,000. Plans obtainable from Symmes and Willard; Stanton Willard, architect, 1214 17th St., Bakersfield, upon deposit of \$25. Donald F. Shugart, structural engineer, Los Angeles; D. H. Reynolds, mechanical engineer, Los Angeles.

Bids received Dec. 3 were rejected as too high, at which time Opperman & Company, 1327 Orange Drive, Bakersfield, at \$98,765 submitted low bid. Certain items have been eliminated to reduce cost.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$3,350 submitted low bid and was awarded contract by the Modesto City School District, E. D. Abbott, Secty., for the erection of the structural steel for the shop building on the site of the Junior College.

Complete bids were:

Moore Dry Dock Co., Oakland.....	\$3,350
Schrader Iron Works, S. F.....	3,980
Hess Iron Works, Oakland.....	4,174
Independent Iron Works, Ltd., Oakland	4,199

Award Recommended

GYM AND SHOP
CALISTOGA, Napa Co., Calif.
Gymnasium and shop building. Owner—Calistoga Joint Union High School (Chapin F. Tubbs, Clerk). Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—J. L. Webster, Box 22, Lodi, \$36,994.

Bids voted recently in the amount of \$25,000, together with PWA grant will finance construction.

Recommendation made PWA that contract by awarded low bidder on combined bid for both buildings.

General bids received as follows:
(1) combined for gymnasium bldg. and shop bldg.;
(2) gymnasium bldg. only;
(3) shop bldg. only.

Complete bids follow:
J. L. Webster, Lodi, (1) \$36,994; (2); (3) \$8,289.

C. M. Teigland, Oakland, (1) \$39,140; (2) \$31,250; (3) \$8,675.

Wm. Rapp, Santa Rosa, (1) \$39,890; (2) \$31,150; (3) \$.....

Frank Eyre, Oakland, (1) \$40,984; (2) \$31,653; (3) \$9,733.

John E. Branagh, Piedmont, (1) \$41,498; (2) \$31,905; (3) \$9,607.

A. O. Lightford, Upper Lake, (1) \$42,400; (2) \$32,560; (3) \$9,733.

Nielsen & Erbenraut, San Jose, (1) \$42,550; (2) \$33,200; (3) \$9,700.

Martinelli Const. Co., San Francisco, (1) \$42,784; (2) \$33,970; (3) \$9,200.

Willis F. Lynn, Oakland, (1) \$42,950; (2) \$34,560; (3) \$9,850.

Robert McCarthy, San Francisco, (1) \$43,778; (2) \$33,718; (3) \$11,078.

Miller Const. Co., San Francisco, (1) \$44,370; (2) \$35,692; (3) \$9,514.

B. A. Hawkins & Co., San Francisco, (1) \$44,434; (2); (3)

David Nordstrom, Oakland, (1) \$45,998; (2) \$36,400; (3) \$10,960.

R. S. Knight, Santa Rosa, (2) \$34,510.

Bid Opening Postponed Until Dec. 28, 2:30 P. M.
SCIENCE BLDG.
SAN FRANCISCO. Ocean and Phelan Aves. (37-acre site).

Construction of first unit of San Francisco Junior College consisting of a 3-story reinforced concrete science building (80x500-ft.), with 35 classrooms, 28 administrative and teachers' offices, 10 laboratories, and cafeteria to accommodate 1500 in basement.

Owner—City and County of San Francisco.
Architects—Miller and Pflueger, 580 Market St.

Structural Engineer—Walter L. Huber, 1 Montgomery St.
Plumbing, Heating and Ventilating Engineers—Leland & Haley, 58 Sutter St.
Electrical Engineer—G. M. Simon-

sen, 74 New Montgomery St.

As previously reported, bids will be taken as follows:

- (1) All work, including general construction, mechanical equipment and plumbing & electrical work;
- (2) All work, general constr., only;
- (3) All work, mechanical equipment and plumbing, only;
- (4) All work, electrical only.

Estimated Costs

General contract, mechanical equipment and plumbing, and electrical work, \$1,070,000. Deposit for plans \$100.

General construction only, \$715,000. Deposit, \$50.

Mechanical equipment and plumbing, \$210,000. Deposit, \$25.

Electrical work, \$145,000. Deposit, \$25.

Plans and specifications obtainable from City Architect, Charles E. Sawyer, Room 265, City Hall. Work must be completed within 360 days.

Opening date postponed from December 14.

BIDS WANTED

SOUTH PASADENA, L. A. Co., Calif.—Until Dec. 14, 12 Noon, (bids to be opened at 2 P. M.), bids will be received by City of South Pasadena for a swimming pool (58x100-ft.) and plunge bldg. to be built in Orange Grove Park, a PWA project. Separate bids will be taken for the structural and mechanical work. Cost \$60,000. Plans obtainable at office of City Manager, South Pasadena city hall, upon deposit of \$25. Harry L. Pierce, 1443 Mt. Pleasant St., L. A. architect.

16—BANKS, STORES AND OFFICES

Sub Contracts Awarded

STORES, ETC.
BERKELEY, Ala. Co., Calif. Shattuck Avenue between Center and Addison Streets.

One-story reinf. concrete store bldg. and ticket office (two stores, S. P. ticket office) steel trusses, composition roofing, etc.

Owner—Withheld.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

Roofing—Heathorn Roofing Co., 351 Hobart St., Oakland.

Electric Wiring—White Electric Co., 2305 Shattuck Ave., Berkeley.

Glass—W. P. Fuller & Co., 259 10th St., Oakland.

Iron Grille Work—McNeill-Steinberg Mfg. Co., 36 Clyde St., S. F.

Grading, Foundations & Concrete—L. Sartorio, 2627 Lombard Street, San Francisco.

Lumber—Oakland, Lumber Co., 6901 E. 14th St., Oakland,

Painting—Gaphael Co., 270 Tehama St., San Francisco.

Steel Work—Independent Iron Wks., Ltd., 821 Pine St., Oakland.

Sub-Contracts Awarded

ALTERATIONS Cost, \$.....
OAKLAND, Calif.
Building alterations to Oakland-Glen-court office to install gas engine in basement to furnish emergency power.

Owner—Pacific Tel. & Tel. Co.
Plans by Engr. Dept. of Owner.
Contractor—Lindgren and Swinerton, Inc., 675 Standard Oil Building, San Francisco.

Structural Steel—Moore Dry Dock Co., foot of Adeline St., Oakland.

Sheet Metal—Fire Protection Prod. Co., 1101 16th St., San Francisco.

Electric Wiring—Geo. F. Brayer, 166 7th St., San Francisco.
 Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
 Painting—Raphael Co., 270 Tehama St., San Francisco.
 Lathing and Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Preparing Plans
 BANK BLDG.
 WATSONVILLE, Santa Cruz Co., Calif., Main and Peck Sts.
 Construction of new bank, on site of present bldg.
 Owner—Pajaro Valley National and Pajaro Valley Savings Banks.
 Architect—H. H. Winner, Wordsworth Ave., Ross.

Plans Being Figured—Bids Close Dec. 12, 1 P. M.
 STORE BLDG. Cost, \$.....
 OAKLAND, Alameda Co., Cal. San Pablo Avenue.
 One - story concrete Class C store building (47x105-ft.)
 Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Owner—Withheld.
 Sub-Contracts Awarded
 BANK Cont. Price, \$540,432.50
 BERKELEY, Alameda Co., Cal. Milvia and Center Streets.

Five-story and basement reinforced concrete Class B Farm Credit Administration Bldg., 11th Dist., (172x100-ft.)

Owner—Farm Credit Administration.
 Architect—Jas W. Plachek, 511 Mercantile Bank Bldg., Berkeley.
 Structural Engineer—W. Adrian, 417 Market St., San Francisco.
 Contractor—K. E. Parker Co., 135 So. Park, San Francisco.

Marble—J. E. Back Co., Inc., 1533 San Bruno Ave., S. F.
 Excavations—J. Catucci, 1212 18th Ave., Oakland.

Sheet Metal & Roofing—Central Stl. Metal & Roofing Co., 3246 Ertle St., Oakland.

Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.

Plumbing & Heating—Herman Lawson Co., 465 Tehama St., S. F.
 Painting—J. M. Mohr, Inc., 1354 York St., S. F.

Misc. & Ornamental Iron—Monarch Iron Works, 262 7th St., S. F.

Lathing & Plastering—Sam Muriale, 354 Hobart St., Oakland.

Movable Steel Partitions—Price Bldg. Specialties Co., 35 Gilbert St., San Francisco.

Acoustical Treatment—Van Arsdale-Harris Lumber Co., Inc., 5th and Bannan St., S. F.

Elevators—Westinghouse Elect. Elevator Co., 1 Montgomery St., San Francisco.

Contract Awarded
 ALTERATIONS
 SAN FRANCISCO, 5th and Mission Streets.

Alterations in waiting room of bus terminal.

Owner—Pacific Greyhound Bus Lines
 Architect—W. D. Peugh, 333 Montgomery St.
 Contractor—G. P. W. Jensen and Sons, Inc., 320 Market St., S.F.

Bids Opened
 STORE
 SACRAMENTO, Cal. 16th and H Sts.

One-story frame store building.
 Owner—Safeway Stores, Inc.
 Architect—Herbert Goodnaster, Milton Bldg., Sacramento.

Low Bidder—L. F. Gould, 1623 O St., Sacramento, \$17,774.

General bids were received with an alternate proposal for sidewalks, etc.

Complete bids follow:

L. F. Gould	.....	\$17,774
(1)	.....	200
H. W. Robertson	.....	18,242
(1)	.....	235
Henry Finnigan	.....	18,459
(1)	.....	260
Chas. F. Unger	.....	18,888
(1)	.....	240
Lindgren & Swinerton, Inc.	.....	18,988
(1)	.....	364
Jul Johnson & Son	.....	19,319
(1)	.....	256
Fred H. Hetz	.....	19,978
(1)	.....	381

17— THEATRES

PLANS BEING FIGURED
 LOS ANGELES, Calif.—Architect C. J. Smale, 309 S. Orlando St., is taking bids from a selected list of contractors for a brick and reinf. concrete theater and store building (61x139-ft.), to be built at 7512-14 S. Vermont Ave. for Wm. Steinberg and Ben Bronstein, 337 N. Hayworth Avenue; Wm. D. Coffey, engineer, Transamerica Bldg. Cost, \$30,000. * 17

PREPARING PLANS
 LEIMERT PARK, Calif.—Architect S. Charles Lee, 1648 Wilshire Blvd., L. A., is preparing plans for a class C, 950-seat theater bidg to be built at Crenshaw Blvd. and Santa Barbara Blvd., Leimert Park, for Fox West Coast Theaters and David Bershon; reinf. concr. construction, wood roof trusses, comp. roof, glass brick, terrazzo floors, ventilating system; est. cost \$100,000. 17

PREPARING PLANS
 FRESNO, Fresno Co., Calif.—Architect C. Charles Lee, 1648 Wilshire Blvd., L. A., is preparing plans for a class C, 950-seat theater to be built at Olive and Wilson Aves., Fresno, for the Fox West Coast Theater Corp.; reinf. concr. construction, wood roof trusses, comp. roof, glass brick, terrazzo floors, plate glass, ventilating system; est. cost, \$200,000. * 17

18— WHARVES & DOCKS

Bids Opened
 PILING & TIMBER WORK
 PORT OF SEATTLE, Wash. Pier 49, Smith's Cove Terminal.
 Piling and timber work.
 Owner—Port of Seattle Commission, Smith M. Wilson, Secy., 406 Bell Street Dock, Seattle.

Plans by Engr. Dept. of Owner.
 Low Bidder—Manson Const. & Engr. Co., Canadian National Dock, Seattle, \$214,160.

Complete bids were:
 Manson Const. & Engr. Co., Seattle \$214,160

General Const. Co., Seattle 216,570
 C. W. Larson, Seattle 218,434 * 13

19—MISC. CONSTRUCTION

CONTRACT AWARDED
 COOS CO., Ore.—The Steel Tank & Pine Co. of Oregon, Portland, at \$14,499 awarded contract by the U. S. Engineer Office, District Engineer 698 Pittcock Block, Portland, under Bid No. 698-39-208, for construction, fabrication and erection of a 10,000-barrel Diesel fuel oil tank and other structures at Emvire, Coos Co., Ore.

Work consists of construction of a Diesel fuel oil storage tank, pump house equipped with pumping unit, valve house, electrical wiring sys-

tem, concrete roadway, concrete slabs for garage floor and pump house floor, concrete sidewalk, and water and fuel oil piping, all complete and ready for service. * 19

BIDS OPENED
 OAKLAND, Alameda Co., Calif.—Daniel Contracting Co., 503 Market St., San Francisco, at \$15,300 submitted low bid to J. A. Doret, L.L. Co., District Engineer, U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-39-152, for removing the sunken hull and other remaining portions of a former U. S. destroyer from the channel in the western end of Brooklyn Basin, Oakland Harbor, Calif.

G. E. Kimble, Oakland, at \$17,990, submitted the only other bid. Government estimate was \$8,425.26. * 19

Preparing Plans
 CEMETERY Cost, \$.....
 SAN BRUNO, San Mateo Co., Calif. 160-acre site directly opposite Tanforan race track.
 Landscaping of property for cemetery, erection of an office, superintendent's lodge and chapel for U. S. military and veteran dead.

Owner—United States Government.
 Approximately \$100,000 has been appropriated for the work.

BIDS WANTED
 FORT McDOWELL, Calif.—Until Dec. 28, 10:30 A. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. QM-536-39-9, for overhauling and repairing the U. S. Army Launch "Q-9."
 Plans and specifications may be obtained from the above office. * 19

BIDS OPENED
 PORTLAND, Multnomah Co., Ore.—The Hart Construction Co., Tacoma, Wash., at \$924.00, submitted low bid to the U. S. Engineer, 628 Pittcock Block, Portland, Oregon, under Bid No. 698-39-233, for repairing a total of about 90 lin. ft. of pile dike No. 43-2 in the Columbia River at Dobeibower Bar, about 43 miles below Portland, Ore.

Total bids follow:

The Hart Construction Co., Tacoma, Wash.	.....	\$ 924.00
Parker-Sehram Co., Portland, Ore.	.....	989.00
The Gilbin Construction Co., Portland, Ore.	.....	1,199.00
The Makela Construction Co., Astoria, Ore.	.....	1,337.90
Albert Burcham, St. Helens, Ore.	.....	1,349.20
C. T. Malcom and Birkemeier & Saremal, Portland, Ore.	.....	2,945.00
A. T. Dolan, Tillamook, Oregon	.....	3,485.00

CONTRACT AWARDED
 HAMILTON FIELD, Marin County Cal.—N. M. Ball Sons, 852 Carmel Street, Alhambra at \$317,700 awarded contract by Constructing Quartermaster Major F. D. Jones, Q.M.C., Port Mason, San Francisco, under Bid No. W-6616-39-30, for construction of runways and drainage at * 19

LOW BIDDER
 VENTURA, Ventura Co., Calif.—Gates & Huntley, 2020 Hyperion Ave., Los Angeles, submitted low bid to City of San Buenaventura at \$119,774, for constructing and equipping a water treatment plant on Ventura-Ojai Road, 6 miles north of the city, a PWA project. Bids held under ad-

visement. Taylor & Taylor, engineers, 725 S. Spring St., Los Angeles. 19

CONTRACT AWARDED

SAN FRANCISCO.—H. C. Thompson, 930 Evans St., S. F., at \$460, awarded contract by the State Harbor Board of Commissioners, Ferry Bldg., for (1) unit price per sq. ft. for installing 500 sq. ft. 1-inch by 12-inch redwood sheeting and (2) lump sum bid for all work exclusive of item (1) for reconditioning float No. 5.

Total bids follow:
H. C. Thompson, S. F., (1) \$0.14 sq. ft., (2) \$390; total \$460.

Anderson & Christofani, S. F., total \$560.

Bruer & Stemer, S. F., (1) \$0.23, (2) \$464; total \$604.

Pacific Dry Dock & Repair Co., Oakland, (1) \$0.20, (2) \$515; total \$615. 19

BIDS WANTED

SAN FRANCISCO.—Until Dec. 14, 3 P. M., informal bids will be received by the San Francisco Public Utilities Commission, Room 257, City Hall, for the construction of electric switch and signal system for Bay Bridge Loop.

Plans and specifications may be obtained from Room 401, 425 Mason Street. 19

20— MISC. SUPPLIES AND MATERIALS

BIDS REJECTED

MERCED, Merced Co., Calif.—The Merced City Council, Merced, rejected all bids submitted for furnishing Portland Cement aggregate. 20

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 16, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 203, Post Office Bldg., Sacramento, under Bid No. 1105-39-141 for blue-prints to be done for the U. S. Engineer Office, Sacramento.

Plans and specifications may be obtained from the above office. x 20

BIDS OPENED

LOS ANGELES, Calif.—Six bidders submitted identical bids to the Metropolitan Water District, at (1) \$0.298 sq. ft., and (2) \$0.174 sq. ft. for furnishing (1) 1,350,000 sq. ft. 4x4-inch, 6 ga., galv. welded steel mesh for gunite reinf., and (2) \$925,000 sq. ft. 2x4-in. 12 ga. same, Spec. 294. Use tax, \$1689.75. Total, including tax, \$58,014.75. Discounts, 1/2 of 1% 10 days. The bidders were:

Ceco Steel Products Corp.—Deliv., (1) f.o.b. cars Buffalo, N. Y., or Monessen, Pa.; Youngstown, Ohio; Anderson, Ind.; Peoria, Ill.; (2) f.o.b. cars Buffalo, N. Y., or Monessen, Pa. Shipping weight, (1) 62 lbs., (2) 28 lbs. per 100 a. ft.

Pattern-Blinn Lumber Co.—Same deliv. points; same shipping weight.

Soule Steel Co.—F.O.B. cars Anderson, Ind.; Peoria, Ill.; Buffalo, N. Y.; Youngstown, Ohio. Shipping wts.—(1) 837,000 lbs.; (2) 259,000 lbs. lbs.

Security Materials Co.—Del. same; shipping weights same.

Blue Diamond Corp., Ltd.—Deliv. same; shipping weights same.

L. A. Iron & Steel Co.—Deliv. same; shipping weights same. 20

BIDS OPENED

BOULDER CANYON PROJECT.—V. R. Dennis Const. Co., Box 748 E. San Diego Sta., San Diego, at \$100,232 submitted low bid to the U. S. Bureau of Reclamation, Federal Bldg. Yuma, Ariz., under Spec. 1142-D, for the preparation of concrete aggregates near Sta. 3600 of the Coachella Canal, All-American canal system, Boulder Canyon project. Work is located near Frink, Calif.

- Work involves:
(1) preparing and stockpiling 95,000 c.y. of sand;
(2) preparing and stockpiling 55,000 cu. y. of gravel, 2/16- to 1/2-in. in size;
(3) preparing and stockpiling 68,000 c.y. of gravel, 1/2 to 1-in. in size;
(4) preparing and stockpiling 50,000 c.y. gravel, 1 to 1 1/2-in. in size.

- Total bids follow:
(A) V. R. Dennis Const. Co., San Diego, \$100,232
(B) Jones & Huntley, Los Angeles, \$112,560.
(C) George Pollock Co., Sacramento, \$117,140.
(D) Triangle Rock & Gravel Co., San Bernardino, and Ralph A. Bell, San Marino, \$127,836.
(E) Schofer & Gordon, Los Angeles \$128,640
(F) Commercial Rock Co., Upland, \$131,722.
(G) C. M. Elliott and Stroud-Sea-brook, Los Angeles, \$138,200.
(H) Ralph O. Dixon, Glendale, \$139,350.00
(I) E. M. Hawley, Santa Ana, \$142,040.00
(J) Ray Schweitzer, Los Angeles, \$144,380.
(K) J. P. Immel, L. R. Howard, Ventura, \$152,760.
(L) Baker & Patton, Independence, Iowa, \$152,760.
(M) Pacific Rock & Gravel Co., Los Angeles, \$163,840.
(N) Haines Canada Materials Co., Glendale, \$176,830.
(O) Gibbons & Reed, Burbank, \$211,720.00

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$374	\$374	\$374	\$374
(B)	42	42	42	42
(C)	45	43	43	43
(D)	477	477	477	477
(E)	48	48	48	48
(F)	4915	4915	4915	4915
(G)	515	515	515	515
(H)	53	50	50	55
(I)	53	53	53	53
(J)	50	56	56	56
(K)	57	57	57	57
(L)	57	57	57	57
(M)	63	63	63	63
(N)	66	66	66	66
(O)	79	79	79	79

BIDS OPENED

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$0.888 per ton, submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for 10,000 tons of crushed rock for Oakland Airport. J. Catucci, at \$0.96, and Raymond Giaccone, at \$1.05, submitted the only other bids. 20

BIDS WANTED

SAN BRUNO, San Mateo Co., Cal.—Until Dec. 14, 8:00 P. M., bids will be received by the San Bruno City Council, C. L. White, City Engineer, San Bruno, for:

- (1) reinf. concrete culvert 4' by 6';
- (2) 2,000 yds. screening;
- (3) 850 ft., 15 inch reinf. concrete pipe.

Plans and specifications may be obtained from the above office upon the deposit of \$10. returnable. 20

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1141-D, for furnishing and delivering (1) valves and (2) pipe and fittings for Units A-6 and A-7 of the Boulder power plant, Boulder Canyon Project; f.o.b. shipping point and/or Boulder City, Nev. Material will be installed by the Government.

Complete bids were:
The Stearns-Roger Mfg. Co., Denver, Colo., (2) \$20,818.00 net, f.o.b. Boulder City, Nev.

The Ohio Injector Co., L. A., (1) \$3,598.00; 2% 30 days; f.o.b. Boulder City, Nev.

The Grimes Pipe & Supply Co., Denver, Colo., (1) \$9,900.00, (2) \$24,300.00; 2% 30 days; comb. (1) and (2) \$31,000.07; f.o.b. Boulder City, Nev.

Standard Sanitary Mfg. Co., Denver, Colo., (1) \$9,539.37; comb. (1) & (2) \$30,773.50; 2% 30 days; f.o.b. Boulder City, Nev.; (2) \$21,619.38; 2% 30 days; f.o.b. Pittsburgh, Pa.

The Thomson Mfg. Co., Denver, Colo., (2) \$28,164.00; 1/4 of 1% 30 days; f.o.b. Benwood, W. Va.

Crane O'Fallon Co., Denver, Colo., (1) \$9,290.00, (2) \$21,690.00; 2% 30 days; comb. (1) and (2) \$99,431.00; 2% 30 days; f.o.b. Boulder City, Nev.

The Greene-Wolf Co., Inc., Brooklyn, N. Y., (1) \$8,115.00; 2% 30 days; f.o.b. Boulder City, Nev.

Midwest Piping & Supply Co., Inc., St. Louis, Mo., (1) \$9,641.00; 2% 30 days; f.o.b. Boulder City, Nev., (2) \$21,692.00; 2% 30 days; f.o.b. St. Louis, Mo.

The Chanman Valve Mfg. Co., Indian Orchard, Mass., (1) \$7,997.00; 2% 30 days; f.o.b. Indian Orchard.
Consolidated Supply Co., Portland Ore., (1) \$9,230.00; 2% 30 days; f.o.b. Boulder City, Nev.

Southwest Welding & Mfg. Co., Alhambra Calif., (1) \$9,800.00; comb. (1) and (2) \$28,288.00; 1% 10 days; f.o.b. Boulder City, Nev., (2) \$18,988.00; 1% 10 days; f.o.b. Alhambra, Calif.

Associated Piping and Engrg. Co., Ltd., L. A., (2) \$15,800.00; 2% 30 days; f.o.b. L. A.

Geo. B. Limbert & Co., Chicago, Ill., (1) \$7,850.00; net; f.o.b. Boulder City, Nev., (2) \$17,600.00; net; f.o.b. E. Chicago, Ind.

Jenkins Bros., Chicago, Ill., (1) \$9,034.46; 2% 30 days; f.o.b. Boulder City, Nev. 20

CONTRACT AWARDED

SAN FRANCISCO.—Colson Equipment & Supply Co., 7 Front Street, San Francisco, at \$774 awarded contract by Leslie S. Williams, Capt., O.M. Corps, Quartermaster, Letterman General Hospital, San Francisco, under Bid No. 486-39-7, for curtain cubicle screening outfit, complete; f.o.b. above office.

Other bids were:
Reid Bros., Inc. \$550
C. W. Marwedel \$885 20

BIDS WANTED

CALAVERAS COUNTY, Calif.—Until Dec. 20, 3:00 P. M., bids will be received by the Calaveras Public Utility District, Oliver C. Wyllie, Clerk San Andreas, for furnishing and installing welded steel pipe, pipe fittings, and chlorination plants, as shown for Unit No. 2, located at San Andreas and Mokelumne Hill.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. 20

COMPLETE BIDS

CARMEL, Monterey Co., Calif.—Granite Const. Co., Ltd., Box 900, Was. sonville, awarded contract by the Sanitary Board of Carmel Sanitary District, Ronald Cockburn, Secretary, Sundial Court Apt. Building, Carmel, for the construction of rolled earth levee, together with a reinf. concrete and timber protective bulkhead wall along the river face of said levee.

The levee is to be constructed in and along the right-of-way for the proposed roadway leading to Sewage Treatment Plant site and extending from junction with the embankment of State Highway Route 1, adjacent to southern end of the bridge over Carmel River westerly and northerly to the eastern end of the existing levee on the southern bank of the Carmel river. Work involves:

- (1) 75 c.y. concrete;
- (2) 3300 lbs. reinforcing steel;
- (3) 1350 lbs. steel posts;
- (4) 1800 cu. grading and compacting
- (5) 2.7 M ft. redwood planking.

Total bids follow:

- (A) S. Ruthven, Seaside*, \$3,023.15.
- (B) Granite Const. Co., Ltd., Watsonville, \$3,229.00.
- (C) M. J. Murphy, Inc., Carmel, \$3-483.87.
- (D) F. C. Stolte Co., Alameda, \$3-492.25.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$19.80	\$20.00	\$18.85	\$21.33
(2).....	.046	.07	.0825	.075
(3).....	.079	.08	.11	.06
(4).....	.50	.60	.80	.72
(5).....	126.00	100.00	131.25	119.00

*Bid of S. Ruthven rejected as not being in accordance with specifications. 20

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 7, 10 A. M., bids will be received by U. S. Indian Irrigation Service, Colorado River Project, Room 340, 8th and Figueroa Bldg., Los Angeles, for furnishing wire fob Parker, Arizona and or bidder's shipping point; Inv. 701. The items are:

- (1) 250 ft. No. 4 AWG stranded copper, single conductor, 4500 volt, varnished cambric tape and braid insulation;
- (2) 250 ft. No. 8, solid copper, do;
- (3) 250 ft. No. AWG stranded copper, single conductor, 600 volt, 30% rubber compound single braid insulation;
- (4) 500 ft. No. 8 do;
- (5) 500 ft. No. 10 do;
- (6) 500 ft. No. 12 AWG, solid, do;
- (7) 100 ft. wire, No. 0 AWG, extra flexible stranded copper, single conductor, code rubber, single braid insulation. 20

BIDS WANTED

SAN FRANCISCO.—Until Dec. 16, 3 P. M., bids will be received by F. A. Brooks, Purchaser of Supplies, 276 City Hall, under Bid No. 2126, for furnishing three motor street flushers for the Department of Public Works.

Plans and specifications may be obtained from the above office. * 20

BIDS OPENED

COLUMBIA BASIN PROJECT.—Following submitted bids to the U.S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1136-D, for furnishing and delivering structural steel and steel castings for the levee over the diversion canal at Leavenworth Station, migratory-fish control, Columbia Basin Project, Wash. F.O.B. shipping point and/or Leavenworth, Wash. Material will be installed by the Government.

Total bids follow:

- Midstate Steel & Iron Works Co., Denver, Colo., \$3,080.00; 1/2 % -30 days;

f.o.b. Leavenworth, Wash.

Lincoln Steel Works, Lincoln, Nebraska, \$2,197.00; 1/2 % -30days; f.o.b. Lincoln.

Virginia Bridge Co., Roanoke, Va., \$2,288.00; net; f.o.b. Memphis, Tenn. American Bridge Co., Denver, Colo., \$2,234.00; net; f.o.b. Gary, Ind.

Reuter Brothers Iron Works, Inc., Chicago, Ill., \$2,343.00; 1%-30 days; f.o.b. Chicago.

Milwaukee Bridge Co., Milwaukee, Wisc., \$2,229.00; net; f.o.b. Milwaukee.

The Missouri Valley Bridge and Iron Co., Leavenworth, Kan., \$2,250.00; 1/2 % -30 days; f.o.b. Leavenworth.

The Ingalls Iron Works Co., Birmingham, Ala., \$2,058.00; net; f.o.b. Birmingham.

Clinton Bridge Works, Clinton, Iowa, \$3,450.00; 1%-30 days; f.o.b. Clinton.

Isaacson Iron Works, Seattle, Wn., \$2,973.00; 1/2 % -30 days; f.o.b. Seattle.

Midland Structural Steel Co., Cicero, Ill., \$2,675.00; 1/2 % -30 days; f.o.b. Cicero.

Smith Corp., d/b/a General Iron and Steel Works, Portland, Oregon, \$2,550.00; net; f.o.b. Portland.

Joseph T. Ryerson & Son, Inc., Chicago, Ill., \$2,600.00; net; f.o.b. Chicago.

Lakeside Bridge & Steel Co., Milwaukee, Wisc., \$2,511.00; net; f.o.b. Milwaukee.

The L. C. Mahon Co., Chicago, Ill., \$2,340.00; net; f.o.b. Detroit, Mich.

Pacific Car & Foundry Co., Seattle, Wash., \$2,977.00; net; f.o.b. Seattle.

Stupp Bros. Bridge & Iron Co., St. Louis, Mo., \$2,070.00; net; f.o.b. St. Louis.

Illinois Steel Bridge Co., Jacksonville Ill., \$2,261.00; net; f.o.b. Jacksonville.

Hansel-Elcock Co., Chicago, Ill., \$2,484.00; 1/2 % -30 days; f.o.b. Chicago.

Wendeng & Co., Chicago, Ill., \$2-275.00; net; f.o.b. Chicago. 20

December 5, 1938

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2118, for furnishing 200 roller steel car wheels for the municipal railway.

Bethlehem Steel Co., \$42.00 each, 1/2 of 1%-30 days, on \$36.00.

Standard Steel Works, \$42.00 each, 1/2 of 1%-30 days less freight.

Edgewater Steel Co., \$42.00 each, 1/2 of 1%-30 days, less freight.

Columbia Steel Co., \$42.00 each, 1/2 of 1%-30 days, less freight. 20

BIDS OPENED

CENTRAL VALLEY PROJECT.—Pacific States Steel Corp., 821 Folsom, S. F., at \$56,826.84, submitted low bid to the Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, Colo., under Bid No. 33,016-A, for deformed intermediate grade billet steel reinforcement bars for concrete; f.o.b. Redding, Calif.

Total bids follow:

- Pacific States Steel Corp., San Francisco, \$56,826.84
- Judson Steel Corp., Oakland 67,929.23
- Columbia Steel Co., S. F. 67,929.23
- Bethlehem Steel Co., S.F. 69,283.13
- Republic Steel Co., S.F. 71,449.50
- Laclede Steel Co., St. Louis, Mo. 71,991.08
- Colorado Fuel & Iron Corp., Denver, Colo. 71,991.08
- Youngtown Sheet & Tube Co., Youngstown, Ohio 71,991.08

CONTRACT AWARDED

SAN FRANCISCO.—Berkeley Steel Constr. Co., Second and Camella, Berkeley, at \$340.00, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-157 for two doors, type A, gas tight; fob Fort Cronkhite.

Total bids follow:

- Berkeley Steel Constr. Co., \$340.00, 1/2 % -10 days
- Moore Dry Dock Co., Oakland, \$472, net.
- Star Ornamental Iron Works, \$481, 1%-10 days.
- Herrick Iron Works, Oakland, \$594, net. 20

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$100; 2016 46th Avenue, Oakland; owner and builder, A. C. Vaz, 523 Mitchell Ave., San Leandro.

GARAGE, \$300; 3235 Brookdale Ave., Oakland; owner and builder, O. R. Munson, 3235 Brookdale Ave.

CANOPY, steel, \$350; 4901 39th East 12th St., Oakland; owner, Pacific Rubber Co.; contractor, Whalin Bros., 2942 23rd Ave.

ALTER and repairs, \$350; 4935 Proctor Ave.; owner, C. Fellz, 4935 Proctor Ave.; contractor, Wm. J. Murphy, 1029 Pomona Avenue, Albany.

RE-ROOF, \$218; 101 Entrada Ave., Oakland; owner, James J. Murphy; contractor, New Art Roof Co., 1307 Fruitvale Ave.

COMFORT station, \$500; 9925 East 14th St., Oakland; owner, R. C. Caplinger, 9925 East 14th Street; contractor, Whalin Bros., 2942 23rd Ave.

One-story shed, \$200.

REPAIRS, \$100; 5660 San Pablo Ave., Oakland; owner, Louis Saroni Inc., 388 19th St.; contractor, Whalin Bros., 2942 23rd Ave.

ALTER, \$50; 483 Barbara Road, Oakland; owner, T. C. Spencer, 3600 13th Ave.

REPAIRS, \$125; 4056 39th Avenue, Oakland; owner, Gertrude Davis, 4056 39th Ave.; contractor, W. A. Rose, 478 25th St.

REPAIRS, fire, \$800; 1551 San Pablo Ave., Oakland; owner, Regents of the Univ. of Calif; contractor, W. A. Rose, 478 25th St.

GARAGE, \$50; 618 54th St., Oakland; owner, Donna F. Rutland, 618 54th St.

SIGN, metal, \$12; 5478 College Ave., Oakland; owner, Rockbridge Realty Co.; contractor, Oakland Sign Co., 579 18th St.

SIGN, metal, \$50; 6419 Telegraph Ave., Oakland; owner, Bradshaw Hardware Co.; contractor, Oakland Sign Co., 579 18th St.

SIGN, metal, \$5; 2237 Grove Street, Oakland; owner, Mae Matz, 2086 Telegraph Ave.

ALTERATIONS, \$750; 2147 Russell, Berkeley; owner, S. Hunley, 2147 Russell; contractor, E. H. Buel, 1295 Hecet St.

GARAGE, \$160; 1817 Fairview, Berkeley; owner and contractor, B. Clark.

ADDITION, \$100; 1325 Cornell, Berkeley; owner and contractor, E. E. Austin, premises.

ALTERATIONS, \$450; 1723 10th St., Berkeley; owner and contractor, J. E. Danska, premises.

SHEED, \$300; 224 Glenwood Glade, Oakland; owner, C. W. Leekins, 6054 LaSalle.

SIGN, metal, \$10; 215 E. 12th Street, Oakland; owner and builder, A. Romana, 215 E. 12th St.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Pleasure grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

TUCSON, Pima Co., Ariz.—M. M. Sundt Const. Co., Box 2244, Tucson, at \$23,497.90 awarded contract by the Pima County Supervisors for construction of bridge across the Rillito creek on the Sabino Canyon Road, steel and concrete construction with steel girders and piling and concrete floor; the structure will be 22 ft. wide and 264 ft. in length. 21

CONTRACT AWARDED

CLACKAMAS CO., Ore.—Joplin & Eldon, 3101 N. Columbia Blvd., Portland, at \$41,712, awarded contract by the Oregon State Highway Commission, Portland, in behalf of Clackamas County, for construction of Shipley bridge on Market Road No. 12. Estimated cost \$47,400. 21

CONTRACT AWARDED.

KERN COUNTY, Calif.—United Concrete Pipe Corporation, Box 1, Sta. H, Los Angeles, at \$178,460.70, awarded contract by the State Division of Highways, Sacramento, for the construction of an overhead crossing over the tracks of Atchinson, Topeka and Santa Fe Railway at Oak St. in Bakersfield, consisting of one 88-foot, one 80-foot, one 68-foot and seventeen 45-foot steel girder spans with reinforced concrete deck supported on concrete bents on treated timber piles and approximately 0.44 mile of paving with Portland cement concrete and plant-mix surfacing, Kern County. 21

BIDS WANTED

SEATTLE, Kings Co., Wash.—Until Dec. 20, 10:00 A. M., new bids will be received by the State of Washington Toll Bridge Authority, Highway Bldg., Olympia, for the construction of the Lake Washington Bridge, PWA Project 1180F.

Bids received Nov. 29 on 4 of the 11 schedules comprising the Lake Wash. Bridge Project have been rejected and new bids have been called. The four units being re-advertised include the concrete pontoon bridge (unit 4), the steel approaches (units 3 and 5) and Unit 9, which is a struc. stl. and reinf. conc. bridge over the east arm of Lake Wash.

UNIT 3—Reinf. concr. and struc. stl. bridge over city sts. and part of Lake Wash., about 20 ml., effecting connection on westerly end of pontoon bridge provided in Unit 4. About 1156 tons struc. steel, 466 tons

steel reinf. bars, 1858 c.y. concrete, \$400,000 available.

UNIT 4—Reinf. concr. pontoon bridge over Lake Washington with lighting system and mechanical and elec. system for operation of movable span. About 1.25 miles long. Original quantities included about 46774 c.y. concrete, 8040 tons steel reinf. bars, 1367 tons struc. steel. The plans are being revised. Chief modifications will involve pontoons effecting connections with the two approach spans (units 3 and 5). The movable span also will be revised. New plans will be ready Monday. Dec. 5, \$2,500,000 available. Only bid submitted Nov. 29, totaled \$3,975,0074.

UNIT 5—Reinf. concr. and struc. steel bridge over portion of Lake Wash., about .18 mile long, effecting connection between pontoon bridge and Mercer Island. About 991 tons struc. steel, 5543 tons steel reinf. bars, 1853 c.y. concrete, \$400,000 available. No bids submitted Nov. 29 except in connection with 3 & 4.

UNIT 9—Struc. steel and reinf. concrete bridge over east arm of Lake Wash. from Mercer Island and east shore of lake. About 26 mile long. About 1693 tons struc. steel, 460 tons steel reinf. bars, 6630 c.y. concrete, \$500,000 available. Only 2 bids submitted Nov. 29, lowest, \$540,537, being submitted by Puget Constr. Co., Seattle.

Plans and specifications may be obtained from the Director of Highways, Lacey V. Murrow, Seattle, upon the deposit of \$2.00. 21

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until December 29, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a bridge 408 feet in length, consisting of timber stringer spans with concrete deck on pile bents, the roadway approaches to be graded, imported surf. material to be placed thereon, and road mix surfacing treatment applied, across Mojave River at Baker (VIII - SBD - 31 - K), San Bernardino County.

Work involves:

- (1) 1 lot remove existing timber;
- (2) 12 sta. clear and grub;
- (3) 244 M. gals. water;
- (4) 8,400 c.y. rdwy. overhaul;
- (5) 400 c.y. struc. excav.;
- (6) 26,600 sta. vds. overhaul;
- (7) 1,330 c.y. imported surf. mat.;
- (8) 8 sta. finish rdwy.;
- (9) 4,000 sq. vds. prepare, mix and shape roadbed;
- (10) 49 tons liq. asph. SC-4 road mix surf. treat.

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

- (11) 2 tons liq. asph. 90-95 seal coat;
- (12) 20 c.y. sand seal coat;
- (13) 35,000 lbs. bar reinf. steel;
- (14) 215 c.y. Class A Portland cement concrete;
- (15) 86 MFBM redwood timber dense select all heart struc. grade;
- (16) 36 MFBM do, select all heart struc. grade;
- (17) 23 MFBM salvaged redwood timber;
- (18) 4,930 l.f. furnish treated Douglas fir piles including test piles;
- (19) 123 each drive do;
- (20) 128 l.f. 48-in. CMP;
- (21) 128 l.f. salvaging CMP;
- (22) 32 each guide posts;
- (23) 500 sq. yds. asph. paint binder;
- (24) 450 c.y. salvage surf.;
- (25) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. 21

BIDS WANTED

MERCED COUNTY, Calif.—Until Dec. 19, 11:00 A. M., bids will be received by the Merced County Board of Supervisors, P. J. Thompson, Clerk, Merced County Court House, Merced, for the construction of bridges, as follows:

BRIDGE No. 251—Pile and timber bridge over Canal on North line of Sec. 20, T. 8 S., A. 9 E.

BRIDGE No. 252—Pile and timber bridge over Canal on the South line of Sec. 7, T. 9 S., R. 9 E.

BRIDGE No. 283—Reinforced concrete bridge over Canal on West line of Sec. 21, T. 6 S., R. 12 E.

BRIDGE No. 284—Pile and timber bridge over Canal on South line of Sec. 22, T. 6 S., R. 12 E.

BRIDGE No. 285—Pile and timber bridge over Canal on the South line of Sec. 8, T. 8 S., R. 8 E.

BRIDGE No. 286—Pile and timber bridge over Canal on the West line of Sec. 14, T. 7 S., R. 13 E.

BRIDGE No. 291—Pile and timber bridge over Canal on the South line of Sec. 36, T. 8 S., R. 8 E.

Plans and specifications may be obtained from W. E. Bedesen, County Surveyor, Merced, upon the deposit of \$10.00, returnable. 21

CONTRACT AWARDED

RIVERSIDE CO., Calif.—White & Wilberg, 1424 4th St., Santa Monica, at \$76,806.70, were awarded contract by Riverside county supervisors (subject to approval by PWA and by State Director of Public Works) for construction of bridge on the Santa Ana River on the Arlington-Pedley Road. 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

PORTLAND, Multnomah Co., Ore.—Until Dec. 16, 11:00 A. M., bids will be received by the Port of Portland, 916 Spaulding Bldg., Portland, for steel towers on dry dock 2, including removal of old towers and equipment and reinstallation for the Port of Portland. Work will include construction of 10 towers on 5 pontoons of 15,000 ton drydock, replacing existing towers. About 2,500,000 lbs. of steel required. Est. cost \$367,000. Plans and specifications may be obtained from the above office upon deposit of \$20.00. 22

BIDS WANTED

PORTLAND, Multnomah Co., Ore.
 —Until Dec. 15, 3:00 P. M., bids will be received by District Engineer, 628 Pittcock Block, Portland, for dredging channel 200 ft. wide, 28 feet deep, at low water, Westport Slough, tributary of Columbia River, about 70 miles below Portland. Involves about 96,000 cu. yds. dredging and disposal of dredged material.

Plans and specifications may be obtained from the above office. * 22

23— CANALS

CONTRACT AWARDED

CENTRAL VALLEY PROJ. Calif.—Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$149,254.00 (Sched. 1) and \$165,972.50 (Sched. 2), awarded contract by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 801, for the construction of earthwork, canal lining and structures, Contra Costa Canal Station 638 plus 90 to Station 1066 plus 00 and earthwork and structures, Los Medanos wasteway, Delta Division, Central Valley Project. oWRK is located near Antioch. * 23

CONTRACT AWARDED

BONNEVILLE, Oregon. —Barham Bros., Salem, Oregon, at \$108,968.65, awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-48, for the construction of the reinforced concrete sections of Tanner Creek By-Pass (Fishway), the completing of the earthlined canals and connections between Sections for Tanner Creek By-Pass, the connections with the additions to the waterways of the Oregon State Fish Hatchery, project sidewalks, and the constructing of a reinforced concrete bridge cross Bradford Island fish ladder, all at Bonneville, Ore. * 23

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, Calif.—As previously reported, Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$149,254.00 (Sch. 1) and \$165,972.50 (Sch. 2), awarded contract by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 801, for the construction of earthwork, canal lining and structures, Contra Costa Canal Station 38 plus 00 to Station 1066 plus 00 and earthwork and structures, Los Medanos wasteway, Delta Division, Central Valley Project. This work will extend from Antioch to a point about two miles southwest of Pittsburg, Calif. * 23

LOW BIDDERS

SUN RIVER PROJECT, Montana. —Elmer Genger, Fairfield, Mont., at \$23,670.00, submitted low bid to Bureau of Reclamation, Fairfield, Mont., or construction of earthwork and structures, extensions of sub laterals TRM 31, GM 47-11, and GM 96, Greenfields div., Sun River project, near Fairfield and Cordova, Mont., Spec. 143-D.

The next two low bids were:

Jack Boyne Constr. Co., Council Bluffs, Iowa, \$23,826.

Otis Williams & Co., Vale, Oregon, 24,279. * 23

24—STREET LIGHTING

BIDS OPENED

WATSONVILLE, Santa Cruz Co., Calif.—Central Electric Company, 307 Main St., Watsonville, at \$482, submitted the only bid to the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, Watsonville, for erecting complete two neon electric signs at points to be designed by the City Engineer of Watsonville. * 24

25— MACHINERY AND EQUIPMENT

BIDS WANTED

YREKA, Siskiyou Co., Calif.—Until Dec. 15, 7:30 P. M., bids will be received by the Yreka City Council, K. R. Brown, City Clerk, City Hall, Yreka, for furnishing one truck chassis and misc. fire fighting equipment and apparatus.

Plans and specifications may be obtained from the above office upon the deposit of \$1.50. * 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the rental of (A) trucks, (B) concrete mixer, and (C) air compressor, (1) 210 cu. ft. (2) 160 cu. ft.

Bids were:

- (A) trucks—
- M. Gori, \$0.64; Roy Thompson, \$0.67; E. Henas, \$0.67; Victor E. Rat-tin, \$0.67; Al Green, \$0.67; Asphalt Planing & Pavement Co., \$0.675; F. Braneln, \$0.68; Bruno Skibo, \$0.685; A. A. Cozzens, \$0.69; J. Pine, \$0.69.
- (B) concrete mixer—
- E. R. Bacon Co., \$0.80; Sam Bates, \$0.95; P. J. Freitas & Son, \$1.20; A. Soda & Son, \$1.50.

- (C) air compressors—
- Leitch & Co., (1) \$1.40; W. Noz-man, (2) \$1.85; Sam Bates, (1) \$1.72, (2) \$1.27. * 25

BIDS OPENED

COLORADO PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 811, for furnishing and delivering two 102-inch ring-seal gates and two sets of conduit units for installation in the outlet works at the Green Mountain Dam, Colorado-Bir Thomsson Project, Colorado, F.O.B. shipping point and/or Kremmling, Colo. Gates and conduit units will be installed by the Government.

Total bids follow:
 Joshua Hendy Iron Works, San Francisco, \$65,460.00; net; f.o.b. Sun-nyvale, Calif.

Flier & Stowell Co., Milwaukee, Wis., \$89,000.00; net; f.o.b. Milwaukee.

Hardie Tynes Mfg. Co., Birmingham, Ala., \$82,000.00; net; f.o.b. Birmingham.

Consolidated Steel Corp. Ltd., Los Angeles, \$61,039.00; net; f.o.b. Los Angeles.

S. Morgan Smith Co., York, Pa., \$87,034.00; net; f.o.b. E. Chicago, Va.
 Koppers Co., Bartlett-Hayward Div., Baltimore, Md., \$54,000.00; ½%-30 days; f.o.b. Baltimore. * 25

COMPLETE BIDS

WASHINGTON, D. C.—Following submitted bids to Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8987, for eight 40-ton and five 30-ton locomotive

cranes, standard-gauge 8-wheel type, operated by gasoline engines or diesel engines at the Navy Yards, Mare Island, Cal., Philadelphia, Pa., Portsmouth, N. H., Norfolk (Portsmouth), Va., New York (Brooklyn, N. Y.), Boston, Mass., Charleston, S. C., and Puget Sound (Bremerton, Wash.).

- Bids taken on:
- (1) All cranes;
- (2) All 40-ton cranes;
- (3) All 30-ton cranes;
- (6) All for Mare Island;
- (11) All for Puget Sound;
- (12) All cranes air-controlled;
- (13) All 40-ton cranes air-controlled;
- (14) All 30-ton cranes air-controlled;
- (17) All air-controlled, for Mare Island;
- (18) All air controlled, for Puget Sound.

Bids follow:
 Orton Crane & Shovel Co., Chicago, (1) \$273,617; (2) \$178,410; (3) \$103,894; (6) \$263,301; (11) \$23,037; (12) \$278,324; (13) \$181,282; (14) \$105,545; (17) \$26,691; (18) \$23,467.

American Hoist & Derrick Co., St Paul, Minn., (12) \$381,005; (13) \$254,955; (14) \$126,753; (17) \$34,763; (18) \$28,168.

Browning Crane and Shovel Co., Cleveland, Ohio, (1) \$334,019; (2) \$215,414; (3) \$128,645; (6) \$31,065; (11) \$28,470.

Ohio Locomotive Crane Co., Bucv-rus, Ohio, (1) \$291,817; (2) \$191,303; (3) \$100,513.

Industrial Rownhoist, Bay City, Mich., (1) \$288,445; (2) \$186,840; (3) \$104,225.

The Link Belt Co., Chicago, (11) \$28,400.

Lima Locomotive Co., Lima, Ohio, (1) \$367,098; (2) \$238,308; (3) \$128,890; (6) \$33,331; (11) \$26,910. * 25

BIDS WANTED

COLUMBIA BASIN PROJECT.—Until Dec. 21, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1149-D, for furnishing and delivering elevator towers, tank chutes, brail frames, trashrack metalwork, platforms, walkways, and all other misc. metal work for installation in the three fish traps for the control of migratory fish at the Rock Island Dam, Columbia Basin project, Washington, f.o.b. shipping point and/or railroad destination. The materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.00 not returnable. * 25

BIDS OPENED

DESCHUTES PROJ., Ore.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 812, for furnishing and delivering two 96-inch ring-follower gates and two sets of conduit units for installation in the outlet works at Wickiup Dam, Deschutes Proj., Oregon; fog shipping point and/or Lane, Ore. Gates and conduit units will be installed by the Government.

Total bids follow:
 Consolidated Steel Corp., Ltd., Los Angeles, \$51,697; net; fob Los Angeles; net; for Radford, Va.

The Flier & Stowell Co., Milwaukee, \$97,341; net; Milwaukee.

Stacey Schmitt Mfg. Co., York, Pa., \$44,500; net; York.

Smith Corp., d/b/a General Iron & Steel Works; Portland, \$53,357; net fob Portland.

Commercial Iron Works, Portland; \$44,978; ½% 30 days; fob Portland.

Continental Rolls & Steel Foundry Co., East Chicago, Ind.; \$56,650; net; fob East Chicago; fob Radford, Va.
 Koppers Co. Bartlett-Hayward Di-

vision, Baltimore: \$35,000; 1/2% 30 days; fob Baltimore.

Los Angeles Shipbuilding and Drydock Corp., San Pedro: \$68,400; net; fob San Pedro.

Hardie-Tynes Mfg. Co., Birmingham, Ala.: \$41,692; net; fob Birmingham. 25

BIDS WANTED

BOULDER CANYON PROJECT.—Until Dec. 27, 28:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1152-D, for furnishing and delivering 13 radial gates and 12 radial-gate hoists for the All-American canal, All-American canal system, Boulder Canyon project, Arizona-California-Nevada; f.o.b. shipping point and/or Calexico, Calif. The gates and hoists will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.50 not returnable. 25

BIDS WANTED

YAKIMA PROJECT, Wash.—Until Dec. 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1151-D, for furnishing and delivering an overflow gate for the fish ladder at the Roza diversion Dam, Roza division, Yakima project, Washington; f.o.b. shipping point and/or Crownover, Washington. The overflow gate will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75 not returnable. 25

BIDS WANTED

GARBERVILLE, Humboldt Co., Calif.—Until Dec. 13, 11:00 A. M., bids will be received by the State Division of Highways, E. R. Green District Engineer, Dist. I, 546 West Wabash Ave., Eureka, for the rental of one tractor-grader with a 12-ft. blade for not to exceed 640 hours to be used in the vicinity of Garberville.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

COLUMBIA BASIN PROJECT.—Until Dec. 22, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1150-D, for furnishing and delivering four braill hoists and three elevator hoists for installation in fish traps for the control of migratory fish at the Rock Island Dam, Columbia Basin project, Washington; f.o.b. shipping point and/or railroad destination. The hoists will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75 not returnable. 25

COMPLETE BIDS

COLUMBIA BASIN PROJECT.—Complete bids submitted to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 905, for furnishing and delivering embedded metal work for anchorages for 11 drum gate at the Grand Coulee Dam, Columbia Basin Project, Washington, are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. 25

COMPLETE BIDS

COLORADO PROJECT.—Complete bids submitted to the U. S. Bureau of Reclamation, Denver, Colorado,

under Spec. No. 1140-D, for furnishing power transformers, switching equipment, metering set, and lightning arresters for construction substations (Green Mountain, Estes Park, East Portal, West Portal, Loveland Tap), Colorado-Big Thompson project, Colo., are on file at the office of the Daily Pacific Builder, 465 Tenth St., S. F. 25

COMPLETE BIDS

COLORADO PROJECT.—Complete bids submitted to the U. S. Bureau of Reclamation, Denver Colo., under Spec. No. 1140-D, for furnishing transformers, switching equipment, metering set, and lightning arresters for construction substation (Green Mountain, Estes Park, East Portal, West Portal, Loveland Tap), Colorado-Big Thompson project, Colo., are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. 25

BIDS WANTED

PEARL HARBOR, T. H.—Until Dec. 21, 11:00 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 9023, for two 5000 c.f.m., motor-driven air compressors with inter and after-coolers at the Navy Yard, Pearl Harbor, T. H. Estimated cost, \$70,000.

Plans and specifications may be obtained from the above office or from the Commandant, Navy Yard, Pearl Harbor, T. H., upon the deposit of \$5.00. 25

LOW BIDDERS

WASHINGTON, D. C.—Following submitted low bids to the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., under Sched. 4918, for steel mooring buoys for eastern and western yards:

Pacific Coast Engr. Co., Oakland, at (1) \$896 each for 18 buoys; (2) \$891 each for 20 buoys; (3) \$886 each for 22 buoys; (4) \$881 each for 24 buoys; (5) \$878 each for 26 buoys. Berkeley Steel Const. Co., Inc., Berkeley, at (1) \$988; (2) \$988; (3) \$988; (4) \$969; (5) \$969. 25

BIDS WANTED

MARIN AND SONOMA COUNTIES, Calif.—Until Dec. 14, 2:00 P. M., bids will be received by the State Division of Highways, John H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco for the rental of two 3 1/2 cu. yd. capacity pneumatic tired dump trucks for use in Marin and Sonoma Counties.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

SONOMA AND MARIN COUNTIES, Calif.—Until Dec. 15, 2:00 P. M., bids will be received by the State Division of Highways, John H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of one 1/2 cu. yd. capacity power shovel with truck and suitable trailer for moving white on the assignment for use in Sonoma and Marin Counties.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

NAPA AND SONOMA COUNTIES, Calif.—Until Dec. 16, 2:00 P. M., bids will be received by the State Division of Highways, John H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for rental of one 4/10 cu

yd. truck shovel equipped with interchangeable clamshell bucket and shovel dipper for about 800 hours work in Napa and Sonoma Counties. Plans and specifications may be obtained from the above office. 25

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 15, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento under Bid No. 1105-39-124, for furnishing (1) 4 dredge pump casing (2) 6 discharge pipe flanges, and (3) 1 cutter engine intermediate shaft for Rio Vista.

Plans and specifications may be obtained from the above office. 25

BIDS OPENED

GARBERVILLE, Humboldt Co., Calif.—William Hess, Weott, at \$3.50 per hour, submitted low bid to the State Highway Division, E. R. Green District Engineer, Dist. I, 546 West Wabash Ave., Eureka, for the rental of one tractor with 8-inch bulldozer, for not to exceed 500 hours to be used in the vicinity of Garberville.

O. G. Kelly, Alton, and John Burman & Sons, Eureka, at \$3.75 each, submitted the only other bid. 25

BIDS WANTED

SAN FRANCISCO.—Until Dec. 16 3:00 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, under Bid No. 2125, for furnishing 3000 3/4-inch by 3/4-inch and 21 2-inch water meters for S. F. Water Department.

Plans and specifications may be obtained from the above office. 25

GRANTS PASS, Josephine, Oregon—Clifford A. Dunn, Klamath Falls Ore., at \$37,424.50, submitted low bid to C. R. Duer, City Auditor, Grants Pass, for culverts under PWA Docks #1345. 25

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 12, 2 P. M., bids will be received by the State Highway Dept., 803 State Bldg., Los Angeles, for the rental of equipment for use in District VII. Bid forms must be obtained at the above address. Bids are being taken on the following equipment:

- (1) 1 to 3 3/4-c.y. shovels;
- (2) 1 to 3 1-c.y. shovels;
- (3) 1 to 3 1 1/4-c.y. shovels;
- (4) 1 to 3 1/2-c.y. truck shovels;
- (5) 1 to 6 90-100-h.p. tractor bulldozers;
- (6) 1 to 4 90-100-h.p. tractors with carryalls;
- (7) 1 to 4 60-70-h.p. tractor bulldozers;
- (8) 1 to 4 60-70-h.p. tractors with carryalls;
- (9) 1 to 3 tractor loaders, 1/2-c.y.;
- (10) 1 to 4 motor graders;
- (11) 1 to 3 double drum hoists;
- (12) 1 to 4 2 1/2-in. pump units;
- (13) 1 to 4 4-in. pump units;
- (14) 1 to 2 6-in. pump units. 25

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until January 3, 7:30 P. M., bid will be received by the San Mateo City Council, San Mateo, for the new intersectional signal system to be installed at Third Ave. and Bayshore highway. Est. cost, \$3,800.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 21, 10 A. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for the sale of horizontal centrifugal pumps. Bid SM 674. * 25

BIDS WANTED

TERMINAL ISLAND, Los Angeles Co., Calif.—Until Dec. 22, 2 P. M., bids will be received by the chief clerk, Federal Correctional Institution, Terminal Island, for (1) 21 fire extinguishers, carbon tetrachloride type, 1-gal. capacity; (2) 9 do., 1-qt. capacity; (3) 33 fire extinguishers, soda acid type, 2½-gal. capacity; (4) 1000 ft. fire hose, pure linen, unlined, 1½-in.; (5) 4 fire hose racks (6) 30 spanner wrenches; (7) five hose pipe cast brass, 1½-in.; Invit. No. 172. * 25

CONTRACT AWARDED

GRANTS PASS, Josephine, Oregon.—Clifford A. Dunn, Klamath Falls, Ore., at \$37,124 awarded contract by C. R. Duer, City Auditor, Grants Pass, for culverts under PWA Dock- et 1345. * 25

27—WPA PURCHASES, RENTALS

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, for the rental of equipment and furnishing of supplies and materials, as follows:

DECEMBER 13, 10 A. M.:
 BID NO. 6635: 1920 1½. Douglas fir piles 80-ft. long; fob Yerba Buena Island.

DECEMBER 14, 10 A. M.:
 BID NO. 6641: Wire, deformed steel reinforcing bars, fob 24th Ave. and Fulton Sts., San Francisco.
 BID NO. 6642: Hinges, bolts, locks, holders, etc.; fob Sunset near Skyline Blvd., San Francisco;

BID NO. 6644: Guys, turnbuckles, guy clamps, strain plates, malleable washers, etc.; fob Mills Field, San Mateo County;

BID NO. 6645: Douglas fir; fob mill and/or Port of Oakland wharf;

BID NO. 6646: Douglas fir, redwood; fob Hanford;

BID NO. 6647: Douglas fir; fob Madera;

BID NO. 6648: Douglas fir, ponderosa pine, redwood; fob Tehachapi;

BID NO. 6649: rental of one tandem roller of not less than ten tons capacity; fob foot of Bancroft Way, Berkeley.

DECEMBER 15, 10 A. M.:

BID NO. 6661: Signals, lights, fire extinguishers, flares, wire, reflectors, etc; fob Fresno. * 27

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6527: Bakersfield Sandstone Brick Co.; \$273; net; and King L. C.; \$146.98; 5%-30; millwork.
 BID NO. 6518: Baker, Hamilton and Pacific; \$350; 2%-30; camp stoves.

BID NO. 6515: Loop L. C.; \$487.13; 2%-30; douglas fir.
 BID NO. 6516: Antioch Bldg. Mat. Co.; \$185; \$412.50; 10c ton-30; aggregates.

BID NO. 6507: Hayward Lumber Investment; \$700; net; roof tile.
 BID NO. 6504: Hayward Lumber &

Investment; \$1049.89; net; lumber.
 BID NO. 6503: Monolith Port. Cement; \$340; \$0.425; net; 800 sacks Portland cement.
 BID NO. 6502: Soule Steel Co.; \$645.-06; ½ of 1%-30; steel.
 BID NO. 6501: Geo. T. Gerhardt; \$384.60; 2% 30; sheet metal.
 BID NO. 6486: A. L. Green; \$274; net; rental—tractor.
 BID NO. 6483: King L. C.; \$701.14; net; and Bakersfield Sandstone Brick Co.; \$158.90; net; lumber.
 BID NO. 6478: Eaton & Smith; \$35; net; rental—road ripper.
 BID NO. 6476: W. A. Croll; \$42.50; net; rental—½-ton truck. * 27

CONTRACTS AWARDED
 SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6433: Carnall Trucks, Inc.; at \$0.64 per bbl. hauling Portland cement from Monolith to San Francisco, Alameda, Contra Costa, Marin, San Mateo, Santa Clara and Navy Yard, Mare Island. One price on all items.
 BID NO. 6511: Gladding Bros.; \$793.-15; 2% 30; clay pipe.
 BID NO. 6513: Rhodes & Jamieson; \$1830.60; net; \$2.70; ready-mix concrete.
 BID NO. 6492: A. L. Green; \$4.63; net; rental of tractor.
 BID NO. 6477: Western Mch. Co.; \$248; net; rental of air compressor. * 27

CONTRACTS AWARDED

Investment; \$1049.89; net; lumber.
 BID NO. 6503: Monolith Port. Cement; \$340; \$0.425; net; 800 sacks Portland cement.
 BID NO. 6502: Soule Steel Co.; \$645.-06; ½ of 1%-30; steel.
 BID NO. 6501: Geo. T. Gerhardt; \$384.60; 2% 30; sheet metal.
 BID NO. 6486: A. L. Green; \$274; net; rental—tractor.
 BID NO. 6483: King L. C.; \$701.14; net; and Bakersfield Sandstone Brick Co.; \$158.90; net; lumber.
 BID NO. 6478: Eaton & Smith; \$35; net; rental—road ripper.
 BID NO. 6476: W. A. Croll; \$42.50; net; rental—½-ton truck. * 27

29—STREETS AND HIGHWAYS

BIDS WANTED

FREDONIA, Cocconino Co., Ariz.—Until Dec. 20, 2:00 P. M., bids will be received by Arizona State Highway Commission, Phoenix, for improvement of the Flagstaff-Fredonia Highway FL 9-A (1), FA 132-B (1) (1939), AFE 8903. The work, which extends from the town of Fredonia SE for about 14½ miles, consists of grading and draining, and is to be completed on or before Oct. 15, 1939. The work involves:

- (1) 92,500 c.y. roadway excav.
- (2) 4,000 c.y. slides and overbreak-
asp.
- (3) 5,900 c.v. drainage excav.
- (4) 17,100 lf. 2x2-ft. dykes.
- (5) 1,600 c.v. struc excav.
- (6) 110,000 sq. sta. vd. overhaul.
- (7) 1,900 c.v. mt. haul.
- (8) 225,500 c.v. imported borrow.
- (9) 25,000 c.v. stripping pits.
- (10) 11,000 M. gals sprinkling.
- (11) 2,500 hours rolling.
- (12) 846 c.v. class A conc.
- (13) 85,000 lbs. reinf. steel.
- (14) 5,660 lf. corr. metal pipe (4
sizes).
- (15) 160,300 lf. link fence.
- (16) 300 lf. rail bank protection.
- (17) 470 sq. guide posts.
- (18) 11,400 lf. repair and clean di-
vision ditches.

Plans and specifications may be obtained from the office of the Arizona Highway Dept., 17th Ave. and Jackson St., Phoenix, Ariz. * 29

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 31, 10:00 A. M., bids will be received by L. A. board of public works for grading and improving Cahuenga Blvd (east roadway) between Barham Blvd and Highland Ave., PWA project 1708-F, Unit 12, Contract 1. The work involves:

- (1) lump sum—grading (130,345 cu. yds. cut; 2813 cu. yds. fill);
- (2) 88 lin. ft. laminated wooden guard rail. * 29

COMPLETE BIDS

ELKO COUNTY, Nevada.—W. W. Clyde & Co., Springville, Utah, at \$32,329.84, submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nev., for construction of approx. 4.79 miles of the state highway system from a point approx. 5 miles south of North Fork to North Fork, Route 43, Section B, Elko County, Nev.

- Work involves:
- (1) 26 acres clearing;
 - (2) 222 lf. remove culverts pipe;
 - (3) 16 each remove headwall;
 - (4) 2 each remove culverts (timber)
 - (5) 27,300 c.y. roadway excav.
 - (6) 17,300 c.y. drainage excav.
 - (7) 55 sta. "V" type ditches;
 - (8) 15,936 c.y. borrow;
 - (9) 35 sta. slope roundings;
 - (10) 118,900 yd. sta. overhaul;
 - (11) 10,960 yd. mt. overhaul;
 - (12) 610 c.y. struc excav.
 - (13) 720 c.y. backfill;
 - (14) 4.79 miles subgrade, Type C;
 - (15) 10 M. gals water.
 - (16) 16,900 tons type 1 gravel base;
 - (17) 11,007 tons type 2 gravel base (½-in. size);
 - (18) 128 c.y. Class A concrete;
 - (19) 48 c.y. Class B concrete;
 - (20) 14,050 lbs. reinf. steel;
 - (21) 790 lf. 18-in. corrugated metal pipe (dipped);
 - (22) 208 lf. 24-inch do;
 - (23) 106 lf. 30-inch do;
 - (24) 118 lf. 36-inch do;
 - (25) 48 lf. relay culvert pipe;
 - (26) 40 each monuments.

Total bids follow:
 (A) W. W. Clyde & Co., Springville, Utah, (awarded contract) \$32.-329.84.
 (B) The Utah Construction Company, Ogden, Utah, \$35,614.70.

Unit prices follow:

	(A)	(B)
(1)	\$20.00	\$20.00
(2)	50	50
(3)	5.00	7.50
(4)	8.00	15.00
(5) .....	.16	.22
(6) .....	.25	.35
(7)	4.00	3.00
(8) .....	.20	.20
(9)	8.00	5.00
(10) .....	.01	.01
(11) .....	.15	.12
(12)	1.00	2.00
(13) .....	.50	.60
(14)	90.00	100.00
(15)	5.00	10.00
(16) .....	.32	.30
(17) .....	.37	.40
(18)	28.00	30.00
(19)	28.00	32.00
(20) .....	.075	.09
(21)	2.00	2.25
(22)	2.80	3.25
(23)	3.80	4.50
(24)	5.25	6.00
(25) .....	.50	1.00
(26)	4.00	4.00

BIDS OPENED

SAN FRANCISCO.—Love & Haun, 4554 20th St., San Francisco, at \$698, submitted low bid to the Department of Public Works, Room 265, City Hall, San Francisco, for the construction of a safety island at Fell and Stanyan Streets.

Total bids follow:
 Love & Haun\$698
 Globe Electric Works 750
 E. J. Treacy 990

BIDS WANTED

CLARK COUNTY, Nevada.—As previously reported, until December 19, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for the construction of approximately 12.62 miles of highway in Clark County from a point near Apex to a point approximately four miles west of Crystal, Route 6, Sections D1, E2 and E1, Clark Co., Nev.

Work involves:

- (1) 175 hours 75-h.p. crawler type tractor;
- (2) 50 hours 75-h.p. tractor with power scraper;
- (3) 175 hours 10-in. blade grader;
- (4) 500 hours motor grader with scarifier;
- (5) 250 hours 1½-ton truck;
- (6) 50 hours 75-h.p. tractor with bulldozer or angledozer;
- (7) Force account special detours;
- (8) 10245 tons selected detour surfacing;
- (9) 13949 tons mi. haul on selected detour surfacing;
- (10) 266 lf. remove culvert pipe;
- (11) 7 each remove headwalls;
- (12) Lump sum remove building;
- (13) Lump sum move building;
- (14) 1333.334 sq. yd. remove and relay roadway surface;
- (15) 128,019 c.v. roadway excav.;
- (16) 680 c.y. drainage excav.;
- (17) 37 sta. "V" type ditches;
- (18) 18,883 c.y. borrow;
- (19) 88 sta. slope rounding;
- (20) 348,911 yd. sta. overhaul (yd. sta.);
- (21) 21,573 yd. mi. overhaul (yd. mi.);
- (22) 1,075 c.y. structure excav.;
- (23) 1,610 c.y. backfill;
- (24) 12.49 miles subgrade, type "B";
- (25) 565 c.y. rock cleanup;
- (26) Force account roadside cleanup;
- (27) 5,449 M. gal. water;
- (28) 68,756 tons type 1 gravel base;
- (29) 42,995 tons type 2 gravel base (1½-in. size);
- (30) 418 tons liquid asphalt, type SC-1A (prhml);
- (31) 969 tons screenings;
- (32) 112 tons liquid asphalt, type MC-4 (seal);
- (33) 492 tons liquid asphalt, type SC-2 (detours and intersections);
- (34) 2 each roadmix intersections;
- (35) 296 c.y. class "A" concrete;
- (36) 34 c.y. class "B" concrete;
- (37) 31,660 lbs. reinf. steel;
- (38) 96 lf. 15-in. corr. metal pipe;
- (39) 1,188 lf. 18-in. corr. metal pipe;
- (40) 710 lf. 24-in. corr. metal pipe;
- (41) 94 lf. 30-in. corr. metal pipe;
- (42) 62 lf. 36-in. corr. metal pipe;
- (43) 120 lf. relay culvert pipe;
- (44) 39 each move pipe culvert headwalls;
- (45) 52 each culvert markers;
- (46) 4 each monuments;
- (47) 1082 tons liquid asphalt, type SC4 or SC5;
- (48) 21,623 tons class B2 plantmix bituminous surface;
- (49) 54 each remove and reset culvert markers;
- (50) 26 each remove and reset guide posts;
- (51) 36 each remove and reset monuments;

Item (15) was previously reported in error.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nev., or from the District Office of the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon the deposit of \$10, \$5.00 refunded. * 29

BIDS WANTED

SAN FRANCISCO.—Until Dec. 13, 2:30 P. M., bids will be received by

the Department of Public Works, Room 251, City Hall, under Spec. No. 19,172, for draining and surfacing of Laidley St. slide between Mateo and Lvanoke Streets. Work involves:

- (1) 700 cu. excavation;
- (2) 4 MBM permanent wood sheet piling;
- (3) 260 lf. 8-in. CMP drain, perf., galv., asphaltum dipped;
- (4) 2 each manholes;
- (5) 280 c.y. rock fill, Class A;
- (6) 100 c.y. rock fill, Class B;
- (7) 140 lf. Redwood curb & header;
- (7) 140 lf. Redwood sidewalk header
- (8) 2100 sq. ft. pavement, 8-in. macadam base, 2-in. asph. conc. wearing surf.;
- (9) 800 sq. ft. sidewalk, 4-in. macadam base, 1-in. asph. conc. wearing surf.;
- (10) 3500 sq. ft. preparing surface & oiling new slide area;
- (11) 30,000 sq. ft. preparing surface and oiling old slide area.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 251, City Hall, upon deposit of \$10.00. * 29

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Claude Fisher Co., Ltd., 2455 East 55th Street, Los Angeles, at \$119,219 awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading Section F of Route 61, the Angeles Crest National Forest Highway, Los Angeles County. The length of the project is 2,055 miles. * 29

BIDS WANTED

GLENDALE, Los Angeles Co., Cal.—Until Dec. 15, 10 A. M., bids will be received by the Glendale city council for improving portions of Mountain St., Royal Blvd., De Monte Drive and Ethel Street, being the approaches to the Mountain Street bridge over the Verdugo Wash, in accordance with plans and specifications on file at the office of J. C. Albers, city engineer. Certified check for 10% must accompany each proposal. G. E. Chapman, city clerk.

The work involves:

- (1) grading, lump sum;
- (2) 1280 tons asph. conc. paving (4-in. base, 2-in. top);
- (3) 105 sq. ft. 6-in. conc. gutter;
- (4) 275 sq. ft. sidewalk (3½-in., 2-course) * 29

CONTRACT AWARDED

SAN FRANCISCO.—The Fay Improvement Co., 760 Market Street, at \$7,813.50 awarded contract by Department of Public Works, Rm. 251, City Hall, for the improvement of LaSalle Ave. bet. Mendell and Third Sts. Est. cost, \$9,200. * 29

BIDS WANTED

YERBA BUENA SHOALS.—Until Dec. 23, 10:00 A. M., bids will be received by the Department of Public Works, at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St. Sd., San Francisco, and publicly opened and read in Rm. 415 of said building, for paving of paths and other areas on the Yerba Buena Shoals.

Plans and specifications may be obtained from the above office upon the deposit of \$25, returnable, and may be seen at the office of the State Architect, Public Works Bldg., 12th and N Sts., Sacramento, and at the office of the Builders' Exchange in San Francisco and Oakland. * 29

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until Dec. 29, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 4.8 miles grading and paving with plant mix surfacing and Portland cement concrete between Orange County line and Corona (VIII-Riv-43-A), Riverside County.

Work involves:

- (1) 217 sta. clear and grub;
- (2) 9,077 M. gals. water;
- (3) 340,200 cu. yds. excav. without class;
- (4) 2,736,000 sta. yds. overhaul;
- (5) 5,100 cu. yds. struc. excav.;
- (6) 62 cu. yds. remove conc.;
- (7) 1,850 cu. y. remove bituminous surf.;
- (8) 1,600 sq. yds. prepar. subgrade;
- (9) 253 sta. finish roadway;
- (10) 89,600 tons surf. material;
- (11) 470 tons liq. asph. SC-4 plant mix surf.;
- (12) 9,350 tons min. agg. plant mix surf.;
- (13) 1,300 sq. yds. asph. paint binder;
- (14) 52,000 sq. yds. prepar. mix and shape roadbed.
- (15) 642 tons liq. asph. SC-4 road mix surf. treat.;
- (16) 69 tons liq. asph. 90-95 seal coat;
- (17) 750 tons screen seal coat;
- (18) 580 tons sand seal coat;
- (19) 325 cu. yds. class B Portland cem. conc. pave.;
- (20) 600 each pave. dowels;
- (21) 48,000 lbs. bar reinf. steel;
- (22) 486 cu. yds. class A Portland cem. conc. structs.;
- (23) 220 lin. ft. 8 in. CMP;
- (24) 1,448 lin. ft. 24 in. CMP;
- (25) 602 lin. ft. 36 in. CMP;
- (26) 126 lin. ft. remove clean and salvage pipe culverts;
- (27) 7 each spillway assemblies;
- (28) 13 cu. yds. class A Portland cem. conc. curbs;
- (29) 2,850 lin. ft. lam. guard railing;
- (30) 190 each guide posts;
- (31) 34 each culvert markers;
- (32) 34 miles new property fences;
- (33) 20 each drive gates;
- (34) 83 each monuments.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento * 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$10,173.25, submitted low bid and was awarded contract by the Phoenix city commission for improving portions of 17th Ave. from Van Buren St. to Fillmore St.; Resolution of Intention No. 6752, in accordance with plans and specifications prepared by James Grand, city engineer.

Other bidders were:

Arizona Sand and Rock Co., Phoenix, \$10,211.36.

W. E. Hall Construction Co., Phoenix, \$10,518.00. * 29

BIDS WANTED

STATE OF OREGON.—Bids will be received by the Oregon State Highway Commission, Public Service Bldg., Portland, for highway construction, as follows:

DECEMBER 19, 9:00 A. M.

(1) Baker County: Grant county line-Unity Section of John Day Highway, PWA Docket 1373-F, Unit F, involving surfacing and oiling about 10.63 miles of highway roadbed. About \$47,000 available.

(2) Coos County: Coquille Section of Oregon Coast and Coos Bay-Roseburg Highways, PWA Docket

1374-F, Unit A, involving furnishing and stockpiling about 7400 c.y. cr. rock or cr. gravel. About \$19,000 available.

(3) Hood River County: Polallie Creek-Hood River Section of Mt. Hood Highway, PWA Docket 1375-F, Unit C, involving furnishing and stockpiling about 6000 c.y. crushed rock. About \$9700 available.

(4) Klamath County: Crescent-Beaver Marsh Section of The Dalles-California Highway, PWA Docket 1375-F, Unit F, involving furnishing and stockpiling about 7000 c.y. cr. rock. About \$14,600 available.

(5) Klamath and Lake Counties: Devil's Garden-Quartz Mountain Section of Klamath Falls-Lakeview Highway, PWA Docket 1404-F, involving about 12,700 c.y. excavation, 42,200 c.y. crushed rock materials and 728 tons of asphaltic road oil. About \$95,300 available.

(6) Lake County: Horse Ranch-Chewacan Narrows Section of Fremont Highway, PWA Docket 1375-F, involving furnishing and stockpiling about 10,500 c.y. crushed gravel. About \$13,500 available.

(7) Lane County: Rough Creek-Belknap Springs Section of McKenzie Highway, PWA Docket 1374-F, Unit B, involving furnishing and stockpiling about 9100 c.y. crushed gravel. About \$16,000 available.

DECEMBER 20, 9-00 A. M.

(8) Deschutes County: Sisters Section on highway in vicinity of Sisters and Horse Ridge-Brothers Section of Central Oregon Highway, PWA Docket 1375-F, Units B and F, involving furnishing and stockpiling about 19,300 c.y. crushed gravel. About \$25,400 available.

(9) Lake County: Lakeview Section of Fremont and Klamath Falls-Lakeview Highways, PWA Docket 1375-F, Unit A, involving furnishing and stockpiling about 9900 c.y. cr. rock. About \$15,000 available.

(10) Lane County: Greenleaf-Cheshire Section of Siuslaw Highway, PWA Docket 1374-F, Unit C, involving furnishing and stockpiling about 10,500 c.y. crushed rock or crushed gravel. About \$22,000 available.

(11) Malheur County: Juntura-Cairo Section of Central Oregon and John Day Highways, PWA Docket 1373-F, Unit E, involving oiling about 34.52 miles of highway roadbed and furnishing and stockpiling about 16,500 c.y. crushed rock or crushed gravel. About \$59,000 available.

(12) Marion County: Shaw Junction-Gates Project on Silver Creek Falls and North Santiam Highways, PWA Docket 1372-F, Unit D, involving about 72000 c.y. roadbed excavation, production of about 12,809 c.y. crushed rock or crushed gravel, furnishing and placing 290 tons of bit. cem. About \$37,400 available.

(13) Morrow and Umatilla Counties: Gilliam county line-Ione and Hermiston Projects on Oregon-Washington Highway, PWA Docket 1373-F, Units A and C, involving furnishing and stockpiling 12,200 c.y. cr. rock. About \$20,000 available.

(14) Wheeler and Grant Counties: Butte Creek Summit-Branson Creek and Flat Creek-John Day Sections of John Day Highway, PWA Docket 1373-F, Units B and D, involving furnishing and stockpiling about 11,000 c.y. crushed rock. About \$35,500 available.

Plans and specifications may be obtained from the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon the deposit of \$5.00.

TULARE COUNTY—SURFACING—(GOV'T)

TULARE CO., Calif.—Hemstreet & Bell, P. O. Box 550, Marysville, at \$147,494.50, submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for 19,848 miles placing bituminous treated surfacing on Section B (portion) and placing a top course, paving shoulders and gutters and placing seal coat on Sections C1, C2, and D1, C2, and D4, of Sequoia Route 1, Generals Highways, Sequoia National Park, Tulare Co., Calif.

- Work involves:
- (1) 2,000 c.y. unclass. excav.;
 - (2) 450 c.y. unclass. excav. for structures;
 - (3) 4.109 miles fine grading sub-grade and shoulders;
 - (4) 15,000 sq. yds. preparation of subgrade for shoulders and gutter paving;
 - (5) Force account selected borrow gutter backfill;
 - (6) 750 M. gals. watering;
 - (7) Lump sum water plant or plants for project;
 - (8) 18,300 tons crushed rock base course;
 - (9) 100 tons cutback asphalt (Type MC-la) for prime coat;
 - (10) 16,500 tons Class F dense plant mixture (grading A);
 - (11) 810 tons cutback asphalt (Type

- MC-4 or 5) for plant mixture;
- (12) 1960 tons cover aggregate;
- (13) 270 tons 90-95 liquid asphalt for seal coat;
- (14) 90 tons cutback asphalt (Type RC-1 for seal coat);
- (15) 650 c.y. dry rubble masonry;
- (16) 120 l.f. 8-inch corr. galv. sheet metal pipe;
- (17) 3 each 8-inch corr. galv. sheet metal pipe elbows;
- (18) 676 l.f. 8-inch perforated corr. sheet metal pipe underdrains;
- (19) 150 sq. yds. mortar backfill seal;
- (20) 700 sq. yds. grouted rubble gutter;
- (21) Force account, one way traffic control and sanding asphalt material.

- Total bids follow:
- (A) Hemstreet & Bell, Marysville, \$147,494.50.
 - (B) Mountain Constr. Co., Sacramento, \$151,296.75.
 - (C) Heafey-Moore Co. and Fredrickson & Watson Constr. Co., Oakland, \$154,330.00.
 - (D) Independent Constr. Co., Oakland, \$171,040.60.
 - (E) L. Biasotti & Son, Stockton; Claude C. Wood, Lodi; Frank B. Marks & Sons, Newman, \$171,714.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
\$ 1.50	\$ 1.00	\$.90	\$ 1.00	\$.90	\$ 1.00
(1)	.84	3.50	2.75	1.75	4.00
(2)	2.50	450.00	500.00	900.00	500.00
(3)	500.00	.12	.20	.22	.15
(4)	.08	1000.00	1000.00	1000.00	1000.00
(5)	1000.00	1.75	1.50	2.00	2.00
(6)	2.00	250.00	850.00	500.00	500.00
(7)	500.00	2.40	2.25	2.60	2.60
(8)	2.25	23.00	20.00	22.00	22.00
(9)	20.00	3.00	2.90	3.60	4.00
(10)	2.75	16.50	18.00	20.00	16.70
(11)	17.00	4.60	4.50	5.00	6.00
(12)	6.00	22.00	20.00	20.00	22.00
(13)	20.00	24.00	25.00	22.00	22.00
(14)	22.00	8.50	15.00	6.50	10.00
(15)	12.00	1.00	1.30	1.25	2.00
(16)	1.25	9.00	10.00	10.00	10.00
(17)	10.00	2.20	2.00	2.50	3.00
(18)	2.50	7.00	2.00	1.00	2.00
(19)	.70	2.00	2.00	1.50	3.00
(20)	4.00	2000.00	2000.00	2000.00	2000.00
(21)	2000.00				

BENICIA GRAMMAR SCHOOL

BENICIA, Solano Co., Calif.
One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.
Low Bidder—E. T. Leiter Sons, 811 37th St., Oakland, \$79,867.

Basic bids follow:
(A) E. T. Leiter Sons, Oakland, \$79,867.

- (B) J. Martinelli, San Francisco, \$79,947.
 - (C) Nielsen & Erbenbraut, San Jose, \$80,450.
 - (D) Central California Const. Co., San Francisco, \$81,850.
 - (E) F. M. Teigland, Oakland, \$81,850.
 - (F) C. G. Henderson, Benicia, \$82,193.40.
 - (G) Willis F. Lynn, Oakland, \$82,600.
- Complete alternate proposals follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$2000.00	\$2033.00	\$1900.00	\$2000.00	\$2000.00	\$1938.00	\$1970.00
(2)	600.00	408.00	600.00	450.00	500.00	229.00	450.00
(3)	500.00	544.00	500.00	500.00	500.00	198.00	475.00
(4)	40.00	376.00	325.00	370.00	50.00	576.00	310.00
(5)	600.00	871.00	1050.00	900.00	550.00	784.00	1325.00
(6)	200.00	375.00	200.00	350.00	200.00	170.00	175.00
(7)	800.00	416.00	430.00	450.00	500.00	289.00	425.00
(8)	800.00	819.00	825.00	850.00	800.00	819.00	785.00
(9)	270.00	164.00	482.00	290.00	250.00	274.00	150.00
(10)	300.00	200.00	225.00	225.00	250.00	335.00	160.00
(11)	150.00	89.00	200.00	150.00	100.00	561.00	160.00
(12)	250.00	236.00	275.00	250.00	200.00	257.00	250.00
(13)	160.00	253.00	200.00	190.00	150.00	233.00	200.00
(14)	100.00	184.00	300.00	225.00	100.00	11.00	500.00
(15)	400.00	718.00	300.00	350.00	300.00	672.00	500.00
(16)	4000.00	2500.00	3000.00	4500.00	300.00	672.00	500.00
(17)	500.00	558.00	100.00	600.00	4100.00	1655.00	1700.00
(18)	300.00	220.00	300.00	300.00	250.00	240.00	310.00
(19)	50.00	55.00	100.00	60.00	50.00	40.00	100.00
(20)	670.00	610.00	775.00	675.00	600.00	700.00	750.00
(21)	1000.00	133.00	130.00	175.00	100.00	123.00	230.00
(22)	1.00	.80	1.00	1.20	1.25	.90	1.20

BIDS WANTED

MARIPOSA COUNTY, Calif.—As previously reported, until December 27, 2 P. M., bids will be received by the United States Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surfacing on 11-435 miles of the Wawona Road (Sections A1, B1, B2, B3 of Route 2), Yosemite National Park, Mariposa Co.

Work involves:

- (1) 4,500 c.y. unclass. excav.
- (2) 20,000 sq. yds. overhaul;
- (3) 11.435 miles fine grading, sub-grade and shoulders;
- (4) 1,300 M. gals. watering;
- (5) lump sum water plant or plants for project;
- (6) 32,100 tons crushed rock base course;
- (7) 300 tons cutback asphalt (Type MC-2) for prime coat;
- (8) 14,400 tons Class F-2 open graded plant mixture;
- (9) 625 tons 90-95 liquid asph. for Class F-2 plant mixture;
- (10) 1,100 tons Class F-2 choker aggregate;
- (11) 1,100 tons Class F-2 cover aggregate;
- (12) 240 tons emulsified asphalt for Class F-2 seal;
- (13) 15 tons cutback asphalt (Type MC-2) for seal coat on gutters, shoulders and dikes;
- (14) force account one-way traffic control, and sanding asphaltic material.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. • 29

BIDS WANTED

JACKSON COUNTY, Oregon—Until Dec. 19, 9:00 A. M., bids will be received by the State Highway Commission, State Office Bldg., Salem, for 0.90 mile grading and culvert construction requiring about 251,000 c.y. excav.; 270 c.y. concrete; 42,000 lbs. metal reinf., on the South Unit of Bear Canyon-State Line Section of Pacific Highway, FAP 190-J (1).

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. • 29

BIDS WANTED

OAKLAND, Calif.—Until Dec. 13, 1:00 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Santa Clara Ave. between Grand and Van Buren, Oakland.

Work involves:

- (1) 3,500 c.y. excav.;
- (2) 600 tons stabilized base;
- (3) 1200 lf. concrete curbing;
- (4) 22,360 sq. ft. concrete pavements;
- (5) 6,150 sq. ft. cement sidewalk;
- (6) 131 tons asphaltic surfacing;
- (7) 2 storm water inlets, 34-inch;
- (8) 1 storm water inlet Type B;
- (9) 46 lf. 12-inch vitrified pipe.

Plans and specifications may be obtained from the above office. • 29

BIDS WANTED

SEATTLE, Kings Co., Wash.—Until Dec. 22, bids will be received by City Engineer Charles Wartelle, Seattle, for the improvement of E. Madison from 18th Ave. to Lake Washington. Work involves replacing worn asphalt surf with new asphalt, surfacing stone-block section with concrete on present base involving about 16,100 sq. yds. concrete paving and 21,000 sq. yds. asphalt surfacing. Estimated cost \$100,000.

Plans and specifications may be obtained from the above office. •

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal. Until December 19, 8:00 A. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, San Jose, for the improvement of portions of William St. and 16th Street. 29

BIDS WANTED

OAKLAND, Calif.—Until Dec. 13, 1:00 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Broadway Terrace between Hermosa and Edith Place.

Work involves:

- (1) 9000 c.y. excav.;
- (2) 2414 lf. redwood curbing;
- (3) 78,200 sq. ft. surfacing, 5-inch stabilized base with armored coat;
- (4) 1 manhole top;
- (5) 5 storm water inlets, 34-inch;
- (6) 74 lf. 12-inch reinf. pipe concrete conduit;
- (7) 10 lf. plain pipe concrete conduit;
- (8) 65 lf. 12-inch iron pipe conduit;
- (9) 752 lf. 8-inch tile drain.

Plans and specifications may be obtained from the above office. • 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Arizona.—W. E. Hall Construction Co., P. O. Box 289, Phoenix, Ariz., at \$25,728.50, submitted low bid and was awarded contract by the Phoenix city commission for improving portions of 12th Street in accordance with plans and specifications prepared by James Girard, city engineer.

Other bidders were:

Arizona Sand and Rock Co., Phoenix, \$25,758.95.

Oswald Bros., Los Angeles, \$27,110.15. • 29

30—RESERVOIRS & DAMS**BIDS OPENED**

VENTURA CO., Calif.—Gates and Huntley, 2020 Hyperion Ave., L. A., at \$37,900, submitted the low bid to the Ventura city council, for the reconstruction of a 9,000,000-gal. reservoir, in accordance with plans and specifications prepared by Carl Proerer, city engineer. This is a PWA project, and will involve excavation, special compacted rolled embankment, 4-in. reinf. concrete lining, outlet boxes, drains, etc. The quantities are:

- (1) 22,600 c.y. excav.;
- (2) 8770 cu. yd. rolled embankment;
- (3) 12,150 sq. yds. subgrading;
- (4) 12,140 sq. yds. reinf. conc. surf.;
- (5) 174,200 lbs. surface reinf.;
- (6) 152 c.v. struc. concrete;
- (7) 13,100 lbs. struc. conc. reinf.;
- (8) 1030 lin. ft. 2x4-in. stake headers;
- (9) 1110 sq. yds. plant mix surf.;
- (10) 155 ea. weep holes;
- (11) 81 lf. 16-in. reinf. conc. pipe;
- (12) 56 lf. 18-in. reinf. conc. pipe;
- (13) 52 lf. 24-in. reinf. conc. pipe;
- (14) 42 lf. 27-in. reinf. conc. pipe;
- (15) 3 "B&M" redwood lumber;
- (16) 325 lbs. struc. hardware;

The bids were referred to the city manager, D. C. McMillan, for analysis and report.

The other bids were:

Macco Constr. Co., Clearwater, \$39,650.

J. E. Burrell & Son, Long Beach, \$11,848.

C. G. Willis & Sons, Los Angeles, \$42,391.65.

Contracting Engineers Co., Los Angeles, \$44,563.

C. R. Butterfield-Kennedy Co., San Pedro, \$44,900.

R. M. Price Los Angeles, \$45,200.

(Continued on page 29)

PERSHING & HUMBOLDT COUNTIES, NEV.—HIGHWAY CONSTRUCTION—(STATE)

PERSHING AND HUMBOLDT COUNTIES, Nev.—Fredericksen and Westbrook, P. O. Box 138, Lower Lake, at \$217,298.05, submitted low bid and was awarded contract by the State of Nevada directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nev., for reconstruction of approx. 7.86 miles of state highway from a point approx. 0.3 mile southwest of Pershing - Humboldt County line to a point approx. five miles southwest of Winnemucca, Route 1, Section E, A1, and A2, in Pershing and Humboldt Counties.

Work involves:

- (1) 80 hours 75-h.p. crawler type tractor;
- (2) 80 hour 10-ft. blade grader (pull type);
- (3) 40 hours 75-h.p. tractor with power scraper;
- (4) 300 hours motor grader;
- (5) 250 hours 1½-ton dump truck;
- (6) Force account, special detours;
- (7) 29,222 tons selected detour surf.;
- (8) 68,551 ton miles haul on selected detour surfacing;
- (9) 1255 lf. remove fence;
- (10) 216 lf. remove culvert pipe;
- (11) 12 ea. remove headwalls;
- (12) lump sum, remove overpass;
- (13) 29 c.y. remove concrete;
- (14) 82,738 sq. yds. remove and relay roadmix bitum. surface;
- (15) 60,500 c.y. roadway excav.;
- (16) 2750 c.y. drainage excav.;
- (17) 142 sta. "V" type ditches;
- (18) 128,054 c.y. borrow;

- (19) 281 sta. slope roundings;
- (20) 724,100 yd. sta. overhaul;
- (21) 56,600 yd. ml. overhaul;
- (22) 1310 c.y. struc. excav. B;
- (23) 2430 c.y. backfill;
- (24) 7,82 miles subgrade, type B;
- (25) force account, roadside cleanup;
- (26) 4881 M. gals. water;
- (27) 31,700 tons type 1 gravel base;
- (28) 35300 tons type 2 gravel base (1-inch size);
- (29) 9046 tons gravel surf. (shoulders);
- (30) 256 tons liquid asphalt, type SC-1A (prime);
- (31) 158 tons do. type SC-2, (prime);
- (32) 756 tons screenings;
- (33) 84 tons emulsified asph. penetration;
- (34) 632 tons liquid asphalt, type MC 3 or MC-4;
- (35) 12,654 tons Class F-1 plant-mix bit. surf.;
- (36) 614 c.y. Class A concrete;
- (37) 9 c.y. Class B concrete;
- (38) 223 c.y. Class D concrete;
- (39) 995,140 lbs. reinf. steel;
- (40) 217,300 lbs. struc. steel;
- (41) 900 lf. treated timber piles;
- (42) 30 each drive timber piles;
- (43) 22 lf. 8-in. corr. metal pipe;
- (44) 78 lf. 12-inch do.;
- (45) 196 lf. 18-inch do.;
- (46) 94 lf. 24-inch do.;
- (47) 36 lf. 30-inch do.;
- (48) 208 lf. relay culvert pipe;
- (49) 10 each move pipe culvert head-walls;
- (50) 500 lbs. castings;
- (51) 4720 lf. beam type metal guard rail;

Francisco, at \$16,431 (Proposition B) submitted low bid to the Decoto Sanitary District, Decoto, for construction of Sewerage System Unit No. 1, Treatment Plant and appurtenances.

Total bids follow: W. C. Tait Inc., (A) \$17,932; (B) \$16,431.

- C. Dudley De Velbiss, Oakland, (A) \$18,850; (B) \$16,950. Underground Construction Co., Oakland, (A) \$17,538; (B) \$17,300. Williams Bros. & Haas Inc., S. F., (A) \$18,198; (B) \$17,480. A. A. Tieslau, Berkeley, (A) \$22,225; (B) \$20,772. Fred J. Early Jr., S. F., (A) \$22,444; (B) \$22,333. A. W. Clark, Piedmont, (A) \$24,005; (B) \$23,222. Lloyd O'Brien, S. F., (A) \$24,850; (B) \$23,450. Bids taken under advisement. * 32

BIDS WANTED

FORT MASON, Cal.—Until Jan. 4, '0 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-39-45, for the construction of an intercepting sanitary sewer system at Presidio of San Francisco.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. * 32

BIDS WANTED

OAKLAND, Calif.—Until Dec. 20, 1:00 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Skyline Blvd. & Grass Valley Road, Oakland.

- Work involves: (1) 185,000 cu. yds. excav.; (2) 1,760 lf. 12-inch plain concrete or vitrified clay pipe conduit; (3) 87 lf. 15 inch plain concrete or vitrified clay pipe conduit; (4) 325 lf. 12 inch standard strength reinf. concrete pipe conduit; (5) 222 lf. 15 inch extra strength reinf. concrete pipe conduit; (6) 79 storm water inlets 34 inch open; (7) 7 manholes with inlet tops 34-inch only; (8) 1 manhole standard top.

Plans and specifications may be obtained from the above office. * 32

33— WATER WORKS

BIDS WANTED

SACRAMENTO, Calif.—As previously reported, until Dec. 16, 8:15 P. M., bids will be received by the Sacramento City Council, H. D. Denton, City Clerk, City Hall, for construction of a reinforced concrete elevated storage tank. Estimated cost \$180,000.

Plans and specifications may be obtained from the above office upon the deposit of \$25. * 33

BIDS WANTED

SAN FRANCISCO.—Until Dec. 22, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 197, for the laying of 6-inch cast iron mains in McFese Ave. and Los Pinos Drive.

- Work involves: (1) 560 lf. excavation and backfill for 6-in. pipe, trench 17-in. wide by 36-in. deep; (2) 5 c.y. additional excavation and backfill; (3) no item 3; (4) installing 560 lf. 6-inch bolted joint cast iron pipe;

LINCOLN CO., NEV.—HWY. CONSTR.—(STATE)

LINCOLN COUNTY, Nev.—J. M. Sumsion, Springville, Utah, at \$118,156.85 submitted low bid and was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for construction of approx. 9.95 miles of state highway from a point approx. 1/2 mile north of Panaca Junction to the Mile, Rte. 7, Section C, Lincoln County.

Work involves:

- (1) 50 hrs. 75 H. P. Crawler type tractor; (2) 50 hrs. 10 ft. blade grader; (3) 30 hrs. 75 H.P. tractor with carryall; (4) 30 hrs. 75 H. P. tractor with bulldozer and angledozer; (5) 100 hrs. motor grader with scarifier; (6) 50 hrs. 1 1/2-ton truck; (7) 33 acres clearing; (8) 6 c.y. remove concrete; (9) 401 lf. remove culvert pipe; (10) 18 each remove headwalls; (11) Lump sum remove concrete flums; (12) 10 c.y. remove mortar rubble masonry wall; (13) Lump sum remove porch; (14) Lump sum move building; (15) 103,550 c.y. roadway excav. "A"; (16) 107,250 c.y. roadway excav. "B"; (17) 4,400 c.y. drainage excav.; (18) 120 sta. "V" type ditches; (19) 210 sta. slope rounding; (20) 361,700 yd. sta. overhaul (yd. sta.); (21) 3,160 yd. mile overhaul (yd ml); (22) 1,595 c.y. structure excav.; (23) 1,450 c.y. backfill; (24) 9,952 m3 subgrade type "B"; (25) 5,000 M gal. water; (26) 41,600 tons type 1 gravel base; (27) 36,000 tons gravel surface;

- (28) 94 c.y. class "A" conc.; (29) 36 c.y. class "B" conc.; (30) 3,360 lbs. reinforcing steel; (31) 315 c.y. mortar curb masonry; (32) 816 lf. 15-in. corr. metal pipe; (33) 878 lf. 18-in. corr. metal pipe; (34) 722 lf. 24-in. corr. metal pipe; (35) 82 lf. 30-in. corr. metal pipe; (36) 134 lf. 36-in. corr. metal pipe; (37) 284 lf. relay culvert pipe; (38) 36 each move pipe culvert headwalls; (39) 46 c.y. class "A" conc. curb and gutter; (40) 315 lbs. castings; (41) 1 lump sum 4 ft. steel gate; (42) 126 each monuments; (43) Lump sum construct cesspool; (44) 57 lf. pipe railing; (45) 218 sq. yds. gravel footpaths;

Total bids follow: (A) J. M. Sumsion, Springville, Utah, \$118,156.85.

- (B) Nevada Rock & Sand Co., Inc., Reno, \$120,719.25. (C) W. W. Clyde & Co., Springville, Utah, \$123,237.23. (D) J. A. Terteling & Sons, Boise, Idaho, \$124,960.20. (E) Gibbons & Reed Co., Salt Lake City, \$129,913.20. (F) Strong and Grant, Springville, Utah, \$134,145.95. (G) J. A. Casson, Hayward, Calif., \$138,916.10. (H) Isbell Const. Co., Reno, \$148,133.65. (I) Silver State Const. Co., Inc., Fallon, Nev., \$149,070.30. (J) The Utah Const. Co., Ogden, Utah, \$150,132.80. (K) Dodge Const. Inc., Fallon, Nev., \$156,332.45. (L) Reynolds-Ely Const. Co., Springville, Utah, \$191,679.50.

Unit prices follow:

Table with 12 columns (A) through (L) and 45 rows of unit prices for various construction items.

- (5) installing 1,000 lbs. fittings, gate valves, etc.;
- (6) 25 lf. bell and spigot joints for pipe and fittings;
- (6a) 94 bolted joints for 6-inch cast iron pipe;
- (7) 200 sq. ft. of street pavement;
- (8) installation of 25 3/4-in. screw taps;
- (9) installation of 275 lf. 3/4-in. copper service pipe;
- (10) furnishing 560 lf. 6-in. bolted joint cast iron pipe, Class 150, at \$0.74 per lf.;
- (11) furnishing bell end gate valves: (a) 2 4-in. valves at \$12 each; (b) 1 6-in. valve at \$17;
- (12) furnishing 1,000 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
- (13) furnishing 100 lbs. steel band an bolts at \$0.05 per lb.;
- (14) furnishing 275 lf. 3/4-in. copper service pipe at \$0.17 per lf.;
- (15) furnishing 3/4-in. fittings for services at \$41.25;
- (16) engineering and supervision at \$79.00;
- (17) connections: \$102.00.

Plans and specifications may be obtained from the Cashier's Office, 6th floor, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of \$5.00.

34— PARKS AND PLAY-GROUNDS

BIDS REJECTED

SHELTON, Wash.—The Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received Nov. 4, for landscaping work at the U. S. P. O., at Shelton, Wash. Plans will be revised and work readvertised. **34**

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

- ALTER store, \$500; 839 Washington; owner, Sang Hing, prem.; contractor, Frank Yick, 670 Washington St.
- FLUE, \$25; 1015 Key St.; owner, F. J. Early, 369 Pine St.; contractor, Cortland Sheet Metal Works, 1414 Valencia St.
- ALTER dwelling, \$250; 55 Webster; owner, F. M. Lee, premises; contractor, Miller & McGillis, 4444 Geary St.
- FLUE, \$25; 2319-21 23rd St.; owner, E. R. Peterson, premises; contractor, Carver-Niles Co., 1024 Clement St.
- FLUE, \$25; 57 Guerrero St.; owner, W. Warfield, premises; contractor, Carver-Niles Co., 1024 Clement St.

- ALTER flats, \$450; 2616-18 Leavenworth; owner, C. T. Haapotski, 770 Bay St.; contractor, Chas. G. U. Koenig Sons, 208 Dorland St.
- SIGN, electric, \$200; 69 West Portal Ave.; owner, Riviera Cookery, 69 West Portal Ave.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
- ALTER dwelling, \$280; 231 Beverly St.; owner, A. H. Stevenson, 231 Beverly; contractor, Donnelly-Roofing Co., 652 Fulton St.
- ALTER apts., \$150; 520 Scott Street; owner, Otto Boehm, premises; contractor, Pearson & Johnson, 2031 Bryant St.
- SIGN, electric, \$150; 1482 Sutter st.; owner, Mels Coffee Shop, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.
- FLUE, \$15; 1542 11th Ave.; owner, Smith, premises; contractor, Carver-Niles Co., 1024 Clement St.
- FLUE, \$15; 65 Howth; owner, R. Ballantyne, premises; contractor, Carver-Niles Co., 1024 Clement St.
- ALTER flats, \$300; 734 Vermont St.; owner, Mrs. Jolobic, prem.; contractor, John Scarabossi, 741 Wisconsin St.
- ALTER dwelling, \$225; 674 Vienna; owner, John J. Lagorio, 4730 Mission St.
- ALTER office, \$200; 351 California; owner, Balfour Bldg., Inc., 351 California St.

ORANGE COUNTY—GRADING & PAVING—(STATE)

ORANGE CO., Calif.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at \$44,300.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.7 mile grading and paving with Portland cement concrete between Santiago Blvd. and Santa Ana Canyon Road (VII-Or-43-B), Orange County.

Work involves:

- (1) 38 sta. clear and grub;
- (2) 1,000 M gals. water;
- (3) 220 c.y. remove conc.;
- (4) 80,000 c.y. roadway excav. without class;
- (5) 1,000 c.y. struc. excav.;
- (6) 1,050 c.y. ditch and channel excavation;
- (7) 605,000 sta. yds. overhaul;
- (8) 38 sta. finish roadway;
- (9) 5,000 tons import subgrade material;
- (10) 9,300 sv. yds. prepare subgrade;
- (11) 10 tons liq. asph. SC-2 prime coat;
- (12) 330 tons min. agg. plant mix

- surf.;
- (13) 700 sq. yds. asph. paint binder;
- (14) 18 tons liq. asph. ROMC-4 or ROMC-5 plant mix surf.;
- (15) 9,000 sq. yds. prepare mix and shape shoulders;
- (16) 110 tons liq. asph. SC-2 shoulders;
- (17) 17,000 lbs. bar relinf. steel pave. and structs.;
- (18) 3,500 each pave. dowels;
- (19) 350 each pave. tie bolt assemblies;
- (20) 1,860 c.y. class B Port. cement conc. pave.;
- (21) 105 c.y. class A Port cement concrete structs.;
- (22) 1,200 lbs. misc. iron and steel.
- (23) 210 lf. 8 in. CMP;
- (24) 12 lf. 12 in. CMP;
- (25) 430 lf. 24 in. CMP;
- (26) 160 lf. 30 in. CMP;
- (27) 7 each spillway assemblies;
- (28) 550 lf. 8 in. pervf. metal pipe undergrains;
- (29) 110 c.y. rock fill material;
- (30) 110 c.y. sand filling material;
- (31) 10 each culvert markers;

- (32) 12 miles new property fence;
 - (33) 6 each drive gates.
- Total bids follow:
- (A) United Concrete Pipe Corp., Los Angeles, \$44,300.80.
 - (B) Matich Bros., Elsinore, \$44,912.
 - (C) Griffith Co., Los Angeles, \$46,049.90.
 - (D) J. E. Haddock, Ltd., Pasadena, \$47,468.45.
 - (E) Vido Kovacivich, South Gate, \$48,153.50.
 - (F) C. O. Sparks & Madrid Engr. Co., Los Angeles, \$48,193.00.
 - (G) V. R. Dennis Const. Co., San Diego, \$49,466.50.
 - (H) Daley Corp., San Diego, \$51,928.50.
 - (I) Sully-Miller Contr. Co., Long Beach, \$52,918.00.
 - (J) Claude Fisher Co., Ltd., Los Angeles, \$52,940.20.
 - (K) C. R. Butterfield-Kennedy Co., San Pedro, \$53,226.00.
 - (L) Johnston & Percallo, Los Angeles, \$54,259.85.
 - (M) S. Edmondson & Sons, Los Angeles, \$55,589.40.
- Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
(A)	\$200.00	\$ 60	\$2.00	\$1.16	\$1.00	\$ 60	\$0.003	\$10.00	\$ 50	\$ 10	\$7.00	\$2.50	\$ 03	\$7.00	\$ 15	\$7.00	\$ 04
(B)	5.00	75	1.80	1.65	1.00	60	0.003	7.00	60	12	10.00	3.00	03	9.00	07	8.00	06
(C)	4.00	1.10	1.50	1.18	1.20	90	0.003	4.50	64	09	12.00	2.90	03	8.00	60	7.40	.057
(D)	4.00	1.25	1.35	2.00	1.00	75	0.004	5.00	48	.08	9.40	2.60	03	8.00	60	7.90	.06
(E)	5.00	1.00	2.50	2.00	1.00	100	0.004	5.00	40	.08	10.00	2.20	10	9.00	07	8.00	.05
(F)	5.00	1.00	2.50	2.00	1.00	80	0.006	5.00	60	10	12.00	2.70	07	12.00	06	8.00	.06
(G)	20.00	1.00	2.00	2.00	1.00	35	0.004	10.00	55	09	9.00	2.75	05	10.00	05	8.50	.06
(H)	5.00	1.50	2.00	2.20	1.00	50	0.0025	5.00	75	10	10.00	2.00	05	8.00	06	8.50	.075
(I)	15.00	1.50	2.00	2.22	1.00	40	0.003	10.00	75	10	15.00	3.00	03	8.50	07	7.00	.06
(J)	10.00	1.25	2.25	2.4	1.00	50	0.005	5.00	53	09	11.00	3.00	10	9.00	10	7.50	.06
(K)	5.00	1.50	1.50	2.00	1.00	50	0.005	5.00	92	13	13.00	3.00	03	15.00	07	7.00	.08
(L)	6.50	1.25	4.00	2.6	75	50	0.005	5.00	80	10	10.00	2.60	03	8.00	08	6.00	.06
(M)	5.00	1.20	2.50	2.7	45	45	0.006	7.00	55	12	9.00	2.75	04	11.00	09	7.50	.06

	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
(A)	\$11	\$ 70	\$6.60	\$20.00	\$ 19	\$ 80	\$1.40	\$2.50	\$3.50	\$15.00	\$ 90	\$2.00	\$1.00	\$2.00	\$400	\$20.00
(B)	12	70	6.40	19.40	25	100	1.25	2.50	3.25	15.00	90	2.50	2.50	3.00	600	20.00
(C)	12	45	6.40	19.00	23	90	1.20	2.60	3.10	17.00	90	2.20	1.60	2.50	500	18.00
(D)	12	46	6.80	17.25	22	75	1.25	2.40	3.00	15.00	75	2.35	1.52	3.00	500	20.00
(E)	13	50	7.00	20.00	20	100	1.00	2.75	3.50	16.00	100	2.00	1.50	2.00	400	15.00
(F)	13	50	6.50	18.00	25	110	2.00	2.40	3.20	15.00	100	2.00	2.00	3.00	550	25.00
(G)	15	40	7.50	17.50	24	90	1.50	2.90	3.50	15.00	90	2.00	1.50	2.50	450	15.00
(H)	12	60	7.70	20.00	20	100	1.50	2.70	3.55	15.00	100	1.50	1.00	2.50	425	18.00
(I)	15	50	7.00	25.00	20	90	1.25	3.00	3.50	20.00	80	3.00	2.00	3.00	900	25.00
(J)	12	50	7.00	16.00	21	90	1.10	2.40	3.00	15.00	80	3.00	2.50	3.00	600	25.00
(K)	14	60	7.00	20.90	18	100	1.50	3.00	4.00	16.00	110	3.10	2.50	3.00	500	20.00
(L)	15	60	7.00	16.00	22	90	1.05	2.35	3.10	14.75	81	2.15	1.75	2.50	500	20.00
(M)	12	70	7.10	22.00	25	100	1.40	2.75	3.50	20.00	110	2.15	1.50	3.00	600	24.00

DAILY

News Service

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Speed Work on S. F.
PWA Program



State Calls Bids on Road, Bridge Jobs



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone Market 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., DECEMBER 17, 1938

No. 51

PARK-PRESIDIO WORK ATTRACTS FIVE PROPOSALS

Chas. L. Harney Low at \$105,879; Other Street Bids Opened

In its busiest session of the year the San Francisco Department of Public Works yesterday opened bids on fifteen contracts in the current building and street construction programs.

Leading off the two-hour reading of bids was the Park-Presidio boulevard improvement job which attracted proposals from 5 firms. On this contract, and on two others, bidders were required to submit proposals in accord with PWA and city standard specifications due to hope of a PWA grant which has been applied for. If Federal funds are not forthcoming the work will be handled by the City as a portion of its regular street improvement program.

Charles L. Harney, at \$105,879.84, submitted the low bid on the contract for the improvement of Park-Presidio boulevard between Fulton street and the Presidio. Other bidders included: Pacific States Construction Co., \$108,457.25; The Fay Improvement Co., \$109,782; A. G. Raisch, \$112,871.15 and Eaton & Smith, \$122,017.20.

Lovrie Paving Company at \$6,870, under-bid six competing firms on the contract for reconstructing Homestead street from Twenty-fourth to Twenty-fifth streets, and other locations. The Fay Improvement Company, at \$7,250 submitted the second lowest bid, followed by Charles L. Harney, at \$7,282.10.

E. J. Treacy, at \$4,593.40, was the low bidder for draining and surfacing the Laidley street slide between Mateo and Roanoke Sts.

On the smallest road job for which bids were opened yesterday—reconstructing Lynch street between Hyde and Leavenworth streets—West Construction Co., at \$1,437.40, submitted the lowest proposal.

FALK ELECTED

B. T. E. A. HEAD

Ray G. Falk will head the Building Trades Employers' Association of San Francisco for the coming year, it was announced yesterday, following his election as president at the annual meeting held this week. He has served as chairman of the Joint Conference Board of the B. T. E. A. and Building Trades Council for the past year.

Mr. Falk is president of W. C. Ilauck & Co., reinforcing steel fabricators and jobbers. He also is chairman of the Reinforcing Steel Institute of the San Francisco Bay area.

STATE INVITES BIDS ON MONO GRADING WORK

Proposals to Open January 4; San Bernardino Paving Also Advertised

SACRAMENTO, Dec. 13. — The State Highway Commission today authorized calling for bids on two contracts for bridge and highway construction in San Bernardino and Mono counties.

Bids on the Mono county job will be opened in Sacramento, January 4; bids on the other contract will be opened in Los Angeles, January 5, it is announced.

The Northern California job, for which bids will be opened January 4, involves grading and road-mixed surface treatment and Class A seal coat on approximately seven miles of highway between Benton Basin and the Nevada State line in Mono county.

Twenty-three Items

Unit prices will be submitted on twenty-three items.

Principal items include: 45,400 cubic yards of unclassified excavation; 34,700 station yards overhaul; 760 cubic yards of structural excavation; 7,970 cubic yards of ditch excavation; 13,700 cubic yards of imported borrow; 91,820 square yards preparing and mixing and shaping roadbed; 1139 tons of liquid asphalt of various types; and 690 tons of sand seal coat.

The second contract, for which bids will be opened in Los Angeles January 5, involves construction of a reinforced concrete slab bridge across San Antonio Wash and about 0.2 mile of grading and paving with asphaltic concrete in San Bernardino county. The work is located about one-eighth of a mile east of the Los Angeles county line.

New orders for distillate oil burners booked during October, 1938, amounted to 75,837 units, as compared to orders for 78,494 units taken during the preceding month, the Bureau of Census announces.

Northwest Lumber Bookings Increase

A total of 751 down, and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending December 3, produced 87,439,874 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 55.6 per cent of its average weekly cut during 1927-1929.

The new business reported taken last week by the 151 mills was 105,906,475 board feet. Shipments were 95,059,625.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	42,608,104	34,538,237
Domestic		
Cargo	45,819,119	40,062,261
Export	7,179,855	10,159,730
Local	10,299,397	10,299,397

105,906,475 95,059,625

The unfilled order file at these mills stood at 282,672,092 board feet.

Production, orders and shipments all showed gains over the short holiday week preceding.

MANY BIDDERS FIGURE ELEVEN BUILDING JOBS

Leo Epp Bids Lawton School Addition; McLean Low on Health Home Kitchen

Low bids aggregating \$171,246 yesterday were submitted to Director A. D. Wilder of the San Francisco Department of Public Works on eleven contracts involving building construction and miscellaneous building repair work.

A packed assembly room watched Mr. Wilder stage the largest bid-opening session since the inauguration of the \$7,214,575 PWA hospital and school construction programs.

R. A. McLean & Company, at \$51,639, submitted the low proposal on one of the largest jobs for which bids were opened yesterday—construction of a kitchen and dining room building at Hassler Health Home. Due to a technical error, the McLean bid was forwarded to the City Attorney's office for an opinion.

Other bidders included: P. F. Reilly, \$54,800; C. C. W. and H. H. Haun, \$54,945; Miller Construction Co., \$54,997; De Luca & Sons, Inc., \$55,632; P. C. Akard, \$58,974; and Peter Sartorio, \$59,982.

The largest contract involved construction of the Lawton School addition. The low bidder was Leo Epp, at \$89,377, followed by Anderson and Ringrose, at \$90,750. The only other bid was submitted by De Luca & Sons, Inc., at \$94,348.

De Luca and Son, Inc., at \$19,748, submitted the low proposal for construction of a kindergarten at the Glen Park School. Other bidders included: Leo Epp, \$20,377; M. E. Vukievich, \$20,773; Frank Ayre, \$23,860; and Peter Sartorio, \$25,682.

The largest contract called for construction of roads and sidewalks at the site of the Science building of San Francisco Junior College. West Construction Co., at \$8,735, submitted the low proposal. The second lowest bidder was Chas. L. Harney at \$8,900, followed by Eaton and Smith, at \$9,200.

Low bidders for clearing at the outer Mission high school, and grading at Francis Scott Key school were Cleveland Wrecking Company, at \$185, and Rosenberg Brothers Grading Co., at \$422.50, respectively.

The following submitted low bids on five informal contracts: Van Fleet-Freear, at \$303, for installing composition flooring at the West Portal Library; Regal Floor Company, at \$65.00, for sanding floors at Cleveland School; Progress Glass Company, at \$86, for furnishing plate glass for Main Public Library; Regal Floor Company, at \$55, for sanding floors at the County Jail; and West Coast Wire and Iron Works, at \$130, for construction of wire partitions at the Taraval Police Station.

Reclamation Bureau Asks Proposals on Shasta Generators

The United States Bureau of Reclamation advertised this week for bids for the manufacture and installation of four giant generators for the hydro-electric plant at Shasta Dam. With a capacity of 75,000 kilovolt-amperes, each of the generators will be larger than any existing in California.

Walker R. Young, Supervising Engineer of the Central Valley Project, said it will be several years before Shasta Dam and the power plant will be completed north of Redding. He explained the call for bids for the generators is being issued at this early date so that they will be ready by the time the reservoir may be put to use.

The bids are to be opened January 19, 1939, in the Denver office of the Bureau of Reclamation. The specifications provide that installation of the four generators must be completed successively within 1,050 days, 1,140 days, 1,230 days and 1,320 days after the Government gives the notice to proceed with the work, which allows three years and eight months for the entire job.

The installations will be three-phase, 60-cycle, alternating current generators, operating at 13,800 volts, unity power factor, and turning 138½ revolutions per minute.

To Advertise Turbines

Each generator will be direct-connected by a vertical shaft to a 103,000-horsepower turbine which will receive water from the reservoir through a 14-foot diameter plate-steel penstock. The turbines, not yet advertised for bids, will be manufactured under separate contract. Provision also is yet to be made for fabrication of the penstocks.

The existing general construction contract on Shasta Dam provides for building a seven-story powerhouse downstream from the dam, adjoining the spillway on the west bank of the Sacramento River. The powerhouse will have space for five main generating units with an ultimate power capacity of 375,000 kilowatts. The four units to be installed initially will have a combined capacity of 300,000 kilowatts.

Mr. Young said the production of power will be incidental to the primary functions of Shasta Dam as a water conservation structure for the restoration of navigation on the upper Sacramento River, control of floods, prevention of salinity encroachment in the Sacramento-San Joaquin delta, and improvement of irrigation in the Great Central Valley. Part of the Shasta power will be used for operation of project pumping plants on the Contra Costa Canal and the San Joaquin Pumping System, and the remainder will be sold for municipal, industrial and agricultural use.

DINWIDDIE LOW BIDDER ON U. C. PRESS BUILDING

Submits \$243,650 Figure on Berkeley Project; Azevedo Bids Foundations

Dinwiddie Construction Company Crocker building, San Francisco, yesterday submitted the lowest of four bids to the University of California for construction of the University Press building in Berkeley. Amount of the low bid was \$243,650.

K. E. Parker Co., San Francisco at \$248,940 was second low bidder. Other bids were: H. J. Christenson and W. E. Lyons Construction Co., Oakland, \$258,621; and P. J. Walker Co., San Francisco, \$261,800.

The University Press building will be a three-story structure to be erected at Oxford and Center streets. Plans are by Architects Masten & Hurd, with Roscoe Weaver as consulting engineer.

Bids on two other university construction contracts also were opened yesterday.

Foundation Contract

Azevedo Construction Co., 920 "O" street, Sacramento, submitted a low bid of \$28,649 for foundations for the new Library-Administration building on the university's Davis campus. D. W. Nicholson, Oakland, was second low bidder at \$31,998, and O. J. Scherer, Angels Camp, was third with a proposal of \$32,325.

For construction of a dental X-ray pavilion at U. C. Hospital in San Francisco, D. L. Bienfeld, 834 30th Avenue, was low bidder at \$16,889.

Second and third low bids, respectively, for the X-ray pavilion were: Albert E. Mangs & Associates, San Francisco, \$17,660; and De Luca & Son, Inc., San Francisco, \$18,700.

SPECIFICATIONS FOR MAPLE FLOORS READY

The new specifications of the Maple Flooring Manufacturers Association for heavy duty finishes and gymnasium finishes for use on maple, beech and birch were released around the middle of November. Copies are available either from the association or the official laboratory. Foster D. Snell, Inc., Brooklyn, N. Y.

LYON TAKES LARGER QUARTERS IN S. F.

Lyon Metal Products, Inc., widely-known San Francisco firm, has moved to new and larger quarters in the Rialto building, 116 New Montgomery St., it is announced. In the future their office will be in Room 449.

Lyon Metal Products, Inc., was formerly located at 582 Market St.

PWA Program Throughout Nation Nearing Peak as January 1 Deadline Approaches

With only two weeks left in which to meet the January 1 Congressional deadline on construction of projects, PWA is surpassing all previous records in the speed with which contracts are being awarded for public works projects.

Public Works Administrator Harold L. Ickes announced yesterday

that contracts on PWA projects were awarded last week on an average of 188 a day. This is 74 more per day than the average of 114 which is necessary in order to have all the projects under way by the end of the year. During the same 6-day period, it was reported to Administrator Ickes, bids were advertised at the rate of 163 a day.

The swiftness with which the vast building program is being put under way is also indicated by the fact that within five and a half months after the President signed the PWA Act, almost \$200,000,000 worth of Federal projects, and \$906,000,000 worth of non-Federal projects, comprising approximately 70 per cent of all jobs, have been placed under construction. Altogether, of December 7, dirt had begun to fly on approximately 4,800 projects, and contracts had been awarded or bids advertised on an additional 505 projects.

Outstanding Projects

Several outstanding projects, from the standpoint of size and cost involved, are about to join the list of those under construction. Dedication of the \$28,000,000 Circumferential Highway in New York City took place on Saturday, December 10. The first spadeful of dirt on the \$40,000,000 Chicago subway will be turned on December 17, thus bringing closer to reality the dream of generations of Chicago citizens. The \$9,000,000 Washington, D. C., airport went under construction recently and hundreds of other projects in every part of the Nation are about to break ground.

The awarding of contracts and the actual beginning of construction of some \$1,670,000,000 worth of construction by the first of the year will contribute materially to the expected record post-depression volume of construction which is estimated by the Department of Commerce to take place in 1939. The great volume of orders for materials which the program will create in generating millions of additional man-hours of employment and thus contributing to the building up of the national income.

Production Gains

The results of the construction now under way and contemplated are already reflected in the increased production schedules and pay roll estimates of industry. Industries producing and business and transportation handling orders for iron and steel and their products, cement and concrete products, heating and ventilating equipment, plumbing materials, electrical machinery, electrical apparatus and

FIRST OAKLAND TRAIN ENTERS NEW TERMINAL

A routine test trip yesterday sent the first Oakland train across the Bay Bridge into the San Francisco Terminal unheralded and unannounced.

This was a Key System two-unit electric interurban train, which left the easterly end of the bridge at 8:30 in the morning and proceeded at 35 miles an hour across the span into San Francisco.

Still under construction, power for the Bay Bridge electric railway had not been connected between Pier W-1 and Sterling St. substation in San Francisco so the train coasted over this small section. From then on it received its power from the 3rd rail, by which the Key trains will run when railway facilities are put into operation. Interurban Electric and Sacramento Northern trains will operate on a catenary system.

Reverses Direction

The train entered the terminal from a westerly direction. Under normal operating conditions the trains will come into San Francisco over the viaduct from east to west in clockwise manner.

Construction work on the easterly end of the viaduct prevented normal operations yesterday. Purpose of the trip was to test signal facilities.

supplies, lumber and timber products, brick and tile, sand, gravel and stone, and trucks, engines and turbines are benefiting extensively from the program on the basis of studies made by a number of agencies.

Reports from the Bureau of Labor Statistics, United States Department of Labor, indicate that the PWA projects of the 1938 program which are already under construction will provide more than one billion man-hours of employment at prevailing wages in the construction trades and in the factories and mills which fabricate products designed for PWA projects. While no reliable estimates are as yet available, it is expected that a tremendous share of the money paid out for wages and materials on the PWA projects will be expended on consumer goods, in turn stimulating the retail and distributive trades.

RENTAL HOUSING RULES CHANGED, FHA ANNOUNCES

Sponsors Must Submit Plans First to Qualified Financial Institution

Sponsors of large scale rental housing developments must in the future submit plans and specifications and all other details of proposed projects to a lending institution prior to submission to the FHA of an application for mortgage insurance, the Federal Housing Administration announced yesterday.

This change in procedure is effective December 15.

No formal applications for mortgage insurance on projects coming under Section 207 of the National Housing Act will be accepted for examination unless they are submitted through a financial institution qualified by the FHA to make insured mortgages. The mortgagee, or lender, in such a case will indicate by signing the application its interest in making the loan in the event the FHA will issue a commitment to insure the mortgage used to finance the proposed project.

This change in procedure makes possible the concurrent processing of cases with the lending institution, thereby expediting the operations of the rental housing program.

Submission of applications thru the lender and concurrent examination, it was pointed out, affords an opportunity for an exchange of views and adjustment of any differences of opinion which might arise between the FHA and the lender. Further, this procedure fixes in advance the interest rate and initial fees to be charged by the lender, thus establishing firmly the basis on which charges are to be computed and the commitment issued. Quicker service and reduction of expense will grow out of the practice, it was said.

Formerly, applicants often made direct contact with the FHA before consulting a lending institution which could make the loan.

DRAFTSMEN TO ELECT DIRECTORS TONIGHT

The California Society of Architectural Draftsmen will hold its regular monthly meeting tonight at the Green Lantern, Kearny and Clay streets, in San Francisco. Dinner will be served at 6 P. M.

Chief business of the evening will be nomination of directors to serve for the coming year.

Shipments of deep well water systems during Oct., 1938 amounted to \$165,525, as compared to shipments valued at \$178,938 booked during October, 1938, the Bureau of Census announces.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3689	Carfagni	Filippis	3000
3690	Cowen	Fisher	1900
3691	Gomel	Undlin	2000
3692	Pacific	Johnson	2000
3693	Romano	Arnott	12000
3694-8	Rousseau	Owner	6000
3699	Wah Co	Owner	2500
3700	Snyder	Unit	5600
3701	Dall	Owner	3250
3702	Hawley	Elkington	2500
3703-4	Huenergardt	Owner	3000
3705	McKeon	Owner	3000
3706	Railfo	Owner	1600
3707	Anderson	Owner	3000
3708	Robie	Harder	3000
3709	S.F. Bldg.	Relly	2500
3710	Shell Oil	Early	5000
3711	Spearie	Owner	1500
3712	Fraumeni	Owner	3000
3713	Hogrefe	Owner	6000
3714-5	Mager	Owner	4000
3716	McKeon	Owner	3000
3717	Royal	QRS	1100
3718	Atchison	Lindgren	30000
3719	Domico	Dunn	1900
3720	Frosberg	Owner	4500
3721	Galli	Owner	3500
3725	Galli	Owner	3000
3726	Herbst	Munson	2500
3727	Johnson	Owner	2000
3728	Neidermeir	Owner	2000
3729	Pig 'N Whistle	Jacks	6500
3730	Richfield	Munson	2500
3731	Schmidt	Modernization	2000
3732	Schwabacher	Electric	1275
3733-5	Doelger	Owner	4000
3736	Herbst	Siegrist	2900
3737	Verehl	Early	1000
3738	Struthers	Owner	2500

ALTERATIONS

(3689) 3355 JACKSON Street. Alter dwelling.
Owner—Dr. A. E. Carfagni, prem.
Contractor—V. Filippis, 269 24th Ave.
Architect—Not Given. \$3,300

ALTERATIONS

(3690) 746 HOWARD Street. Alter rooming house.
Owner—Eva Cowen, 924 Taraval St.
Contractor—Alf. P. Fisher, 111 Sutter Street.
Engineer—Alf. P. Fisher, 111 Sutter Street. \$1,900

ALTERATIONS

(3691) 319 MONTGOMERY Street. Alter restaurant.
Owner—S. Rising and A. Gomel, Hotel Empire.
Contractor—Undlin Store Fixture Co. 747 Natoma Street.
Architect—Not Given. \$2,000

ALTERATIONS

(3692) 741 MISSION ST. Alter office building.
Owner—Pacific States Savings and Loan, 745 Market Street.
Contractor—J. Harold Johnson, 666 Mission Street.
Architect—Albert H. Roller, Crocker First National Bank Bldg. \$2,000

DWELLING

(3693) S WEST PORTAL AVE. 300 E 14th Ave. One-story and basement frame dwelling.
Owner—Wm. S. Romano, c/o Arch. Contractor—James Arnott and Sons, 633 Taraval St.
Architect—Albert H. Larsen, 333 Kearny Street. \$12,000

DWELLING

(3694) S TURK St. 75 W Annapolis Terrace. Two-story and basement frame dwelling.

Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$6,000

DWELLING

(3695) S TURK St. 100 W Annapolis Terrace. Two-story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$6,000

DWELLING

(3696) S TURK St. 50 W Annapolis Terrace. Two-story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$6,000

DWELLING

(3697) S TURK 125 W Annapolis Terrace. Two-story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$6,000

DWELLING

(3698) S TURK St. 25 W Annapolis Terrace. Two-story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$6,000

ALTERATIONS

(3699) 22 OLD CHINATOWN. Alter offices.
Owner and Contractor—Keen Wah Co., 11 Cameron Alley.
Architect—Not Given. \$2,500

DWELLING

(3700) NW TWIN PEAKS Blvd. and St. Germain. Two-story & basement frame dwelling.
Owner—Marian M. Snyder, c/o contractor.
Contractor—Unit Const. Co., 557 Market Street.
Architect—Not Given. \$5,600

DWELLING

(3701) E BADEN 25 N Joost Ave. One-story and basement frame dwelling.
Owner and Builder—John Dall, 621 Cordova Street.
Architect—Not Given. \$3,250

ALTERATIONS

(3702) 2221 PACIFIC AVE. Alter guest house.
Owner—Lillian Hawley, 667 Los Palomos Drive.
Contractor—G. J. Elkington, Jr., 33 Suto Heights Ave.
Architect—Not Given. \$2,500

DWELLING

(3703) W 35th AVE. 50 N Rivera. One-story and basement frame dwelling.
Owner and Builder—D. G. Huenergardt, 2179 25th Ave.
Architect—Not Given. \$3,000

DWELLING

(3704) W 35th AVE. 75 N Rivera. One-story and basement frame dwelling.
Owner and Builder—D. G. Huenergardt, 2179 25th Ave.
Architect—Not Given. \$3,000

DWELLINGS

(3705) E 29th AVE. 100, 125, 150 S Ortega. Three 1-story and basement frame dwellings.
Owner and Builder—C. T. McKeon, 2194 30th Ave.
Architect—Not Given. \$3,000 ea.

DWELLING

(3706) N ITALY AVE. 75 E Vienna. One-story and basement frame dwelling.
Owner and Builder—A. Railfo, 800 Moscow.
Architect—Not Given. \$1,600

ALTERATIONS

(3707) N PAGE 27 E Gough Street. Alter workshop.
Owner—Anderson and Rowe, 45 Belcher St.
Engineer—W. H. Ellison, 821 Market St.
Architect—M. J. Campi, 821 Market Street. \$3000

DWELLING

(3708) E. GOETTINGEN 175 S. Ward. One-story and basement frame dwelling.
Owner—Harold Robie, 240 Van Ness Ave So.
Contractor—Gerrit Harder Co., 240 Van Ness Ave. So.
Architect—Not given. \$3000

ALTERATIONS

(3709) SW 14th STREET and Guerrero. Alter bldg.
Owner—S. F. Bldg. Trades Council, premises.
Contractor—F. J. Relly Co., 6350 Fulton St.
Architect—Not given. \$2500

SERVICE STATION

(3710) SW 5th AND FOLSOM STS. Steel service station.
Owner—Shell Oil Co., 100 Bush St.
Contractor—Fred J. Early, Jr., 369 Pine Street.
Architect—Not given. \$5000

DWELLING

(3711) W SWISS 158 N Sussex. One-story and basement frame dwelling.
Owner—L. A. Spearie, 1478 15th St.
Architect—Not given. \$1500

DWELLING

(3712) W BOWDOIN 94 S. Silver Ave. One-story and basement frame dwelling.
Owner—Joseph Fraumeni, 525 Edinburgh.
Architect—Not given. \$3000

DWELLING

(3713) W BAKER 48 N. Greenwich. Two-story and basement frame dwelling.
Owner—Herman C. Hogrefe, 3439 Fillmore St.
Architect—Not given. \$6000

DWELLING

(3714) N. ULLOA 32 E. 30th Avenue. One-story and basement frame dwelling.
Owner—Mager Bros. and Son, 1730 12th Ave.
Architect—Not given. \$4000

DWELLING

(3715) N. ULLOA 57 E. 30th Avenue. One-story and basement frame dwelling.
Owner—Mager Bros. and Son, 1730 12th Ave.
Architect—Not given. \$4000

DWELLING

(3716) E. 29th AVE 175 S. Ortega. One-story and basement frame dwelling.
Owner—C. T. McKeon, 2194 30th Ave.
Architect—Not given. \$3000

SIGN
 (3717) 1529 POLK STREET. Electric sign.
 Owner—Royal Theatre, prem.
 Contractor—QRS Neon Corp. Ltd., 690 Potrero Ave.
 Architect—Not given. \$1100

FOUNDATIONS
 (3718) W SPEAR 137 N Bryant St. First unit of foundations.
 Owner—Atchison, Topeka & Santa Fe Railroad Co., 1001 3rd St.
 Contractor—Lindgren and Swinerton, Inc., Standard Oil Bldg.
 Architect—Not Given. \$30,000

ALTERATIONS
 (3719) 1663 OAK ST. Alter dwelling.
 Owner—Domico, premises.
 Contractor—F. J. Dunn Roofing and Siding Co., 3965 Mission St.
 Architect—Not Given. \$1,900

DWELLING
 (3720) W 14th AVE. 300 S Ulloa St. One - story and basement frame dwelling.
 Owner—B. Frosberg, 21 Brady St.
 Architect—Not Given. \$4,500

DWELLING
 (3721) E 40th AVE. 250 S Lawton. One - story and basement frame dwelling.
 Owner and Builder—R. F. Galli, 377 West Portal Avenue.
 Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLINGS
 (3722) E 40th AVE. 100, 125, 150, 175, 200, 225, 250, 275 N Moraga St. Eight one - story and basement frame dwellings.
 Owner and Builder—R. F. Galli, 377 West Portal Avenue.
 Architect—E. H. Denke, 1317 Hyde Street. \$3500 each

DWELLING
 (3723) NE 40th AVE. and Moraga. One - story and basement frame dwelling.
 Owner and Builder—R. F. Galli, 377 West Portal Avenue.
 Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLING
 (3724) E 40th AVE. 275 S Lawton. One - story and basement frame dwelling.
 Owner and Builder—R. F. Galli, 377 West Portal Avenue.
 Architect—E. H. Denke, 1317 Hyde Street. \$3,500

DWELLINGS
 (3725) E 40th AVE. 25, 50, 70 Noth Moraga. Three 1-story and basement frame dwellings.
 Owner and Builder—R. F. Galli, 377 West Portal Avenue.
 Architect—E. H. Denke, 1317 Hyde Street. \$3,000 each

SERVICE STATION
 (3726) NW MARKET and Castro. Steel service station.
 Owner—M. Herbst, 2419 15th Street.
 Contractor—John Munson, 2419 15th Street.
 Architect—Not Given. \$2,500

DWELLINGS
 (3727) W ALEMANY 87, 112, 137, 162, 187, 212 N Seneca. Six one-story and basement frame dwellings.
 Owner and Builder—J. A. Johnson, 69 Madison Street.
 Architect—D. E. Jaekle, 126 Post St. \$2,000 each

ALTERATIONS
 (3728) ARMY and Castro Sts. Alter dwelling.

Owner and Contractor—Otto Neidermeir, 4188 Army Street.
 Architect—Not Given. \$2,000

ALTERATIONS
 (3729) 621 MARKET ST. Alter restaurant.
 Owner—Pig 'N Whistle, c/o contr.
 Contractor—Jacks & Irvine, 620 Market Street.
 Architect—Not Given. \$6,500

ALTERATIONS
 (3730) NW 12th and VAN NESS Ave. South. Alter service station.
 Owner—Richfield Oil Co., 17th and Wisconsin Streets.
 Contractor—John Munson, 2419 15th Street.
 Architect—Not Given. \$2,500

ALTERATIONS
 (3731) 2104 LARKIN ST. and 1376 Vallejo St. Alter apts.
 Owner—Peter Schmidt, 2104 Larkin.
 Contractor—Modernization of California, 3601 Geary Blvd.
 Architect—Not Given. \$2,000

SIGN
 (3732) 735 MARKET ST. Electric sign.
 Owner—Schwabacher-Frey Co., prem.
 Contractor—Elec. Prod. Corp., 910 Harrison St.
 Architect—Not Given. \$1,275

DWELLING
 (3733) E 30th AVE. 62 S Noriega. One - story and basement frame dwelling.
 Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
 Architect—Not Given. \$4,000

DWELLING
 (3734) SE 30th AVE. and Noriega. One - story and basement frame dwelling.
 Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
 Architect—Not Given. \$4,000

DWELLING
 (3735) E 30th AVE. 31 S Noriega. One - story and basement frame dwelling.
 Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.
 Architect—Not Given. \$4,000

ALTERATIONS
 (3736) 1201 VICENTE Street. Alter apartments and store.
 Owner—Herbst Bros., 1525 Mission
 Contractor—F. R. Siegrist, 604 Mission Street.
 Architect—Not Given. \$2,900

ALTERATIONS
 (3737) 1015 KEY ST. Alter dwelling.
 Owner—R. Nerelli, c/o contractor.
 Contractor—Fred J. Early, Jr., 569 Pine Street.
 Architect—Not Given. \$1,000

DWELLING
 (3738) SW SILVER AVE. and Scotia St. One-story and basement frame dwelling.
 Owner and Builder—M. T. Struthers, 4250 Mission Street
 Architect—Not Given. \$2,500

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
2815	Baker	Contractor	Amt.
2816	Fake	Owner	3000
2817-8	Groom	Duncan	5000
2819	Huilen	Groom	3000
2820	Mieger	Studebaker	2000
2821	Oak, City	Caskey	12000
2822	Trimlett	Nutting	1303
2823	Yet	Owner	4000
2824	Baker	Farringer	8000
		Walstrom	8500

2825	Boggs	MacGregor	2400
2826	Carmona	Stewart	1950
2827	MacGregor	Owner	2200
2828-30	MacGregor	Owner	4000
2831	Dalziel	Owner	7000
2832-3	Flagg	Lapham	5000
2834	Henning	Flagg	4500
2835	Henning	Owner	2000
2836	Koenig	Owner	5000
2837	Murphy	Nichols	3900
2838	Potter	Owner	10000
2839	So. Pac.	Elec. Prod.	1500
2840	Westwood	Owner	2500
2841	Boatwright	Owner	1000
2842	Krummets	Cal. Home	1000
2843	Tiedeman	Hoffman	3300
2844	De Sire	Rlsdon	2000
2845	Heraty	Oietzky	3000
2846	Hing	Jensen	4400
2847	McCollom	Owner	4000
2848	McPherson	Christensen	8500
2849	Murrell	Dixon	1500
2850	Fond	Pond	3000
2851	Scott	McWethy	3000
2852	Whyte	Fox Bros.	3850
2853	Babb	Younger	5000
2854	Chimalando	J.A.S. Bldg.	4000
2855	Davis	Owner	4000
2856	Luce	Johnston	2000
2857	Netherby	Netherby	5000
2858	Springer	Gossett	5560

DWELLING
 (2815) 2350 88th AVE. OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—W. J. Baker, 2255 Ransome Ave.
 One-story garage, \$200.
 Architect—Not given. \$3000

DWELLING
 (2816) 2551 EL CAMINITO, OAKLAND. One-story, 5-room dwelling.
 Owner—Miss Helen Fake, 512 Ramona Ave., Albany.
 Contractor—Geo. Duncan, 2523 78th Avenue.
 Architect—F. H. Slocombe, 131 Monte Cresta Ave. \$5000
 One-story garage, \$200.

DWELLING
 (2817) 7600 VALENTINE STREET, Oakland. One-story, 5-rm. dwelling.
 Owner—A. F. Groom, 1948 87th Ave.
 Contractor—Groom & Groom, 5405 Brookdale Ave.
 One-story garage, \$150.
 Architect—Not given. \$3000

DWELLING
 (2818) 7560 VALENTINE STREET, Oakland. One-story, 5-rm. dwelling.
 Owner—A. F. Groom, 1948 87th Ave.
 Contractor—Groom & Groom, 5405 Brookdale Ave.
 One-story garage, \$150.
 Architect—Not given. \$3000

ALTERATIONS
 (2819) 3245 PRENTISS ST., OAKLAND. Alter and addition.
 Owner—F. Huilen, 3245 Prentiss St.
 Contractor—S. M. Studebaker, 259 E. 12th St.
 Architect—Not given. \$2000

FLATS
 (2820) 1737-39 CLEMENS RD. OAKLAND. Two-story 10-room flats.
 Owner—Dr. E. H. Mieger, 1789 Lelmert Blvd.
 Contractor—H. T. Caskey, 4315 Carson St.
 Architect—Irwin M. Johnson, 2219 7th Ave. \$12,000

WRECK
 (2821) 399 PERRY STREET, OAKLAND. Wreck 2-story bldg.
 Owner—City of Oakland, 1025 2nd Avenue.
 Wrecker—Fred G. Nutting, 818 45th Ave., San Francisco. \$1,303

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Equipment |

1—APARTMENTS

CORRECTION

SAN FRANCISCO.—Until Dec. 14, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for grading the site of the kindergarten addition to Francis Scott Key School. Estimated cost, \$500.

Plans obtained from City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$5.00.

Opening date previously reported in error. 1

Contract Awarded

APARTMENTS Cont. Pr., \$19,995.78
UKIAH, Mendocino Co., Calif.

Two-story frame and stucco apartment and store building.

Owner—Paul W. Poulos, Ukiah.

Architect—Clarence Canlins, Rosenberg Bldg., Santa Rosa.

Contractor—Chas. Swanfelt, Box 114, Ukiah.

6—GARAGES & SERVICE STATIONS

Sub-Contracts Awarded

SERVICE STATION Cost, \$.....
SAN FRANCISCO, 12th Avenue and Clement Street.

Construction of new gasoline station.

Owner—Union Oil Company of Calif., 220 Montgomery Street.

Plans by Engr. Dept. of Owner.

Contractor—Aetna Construction Co., 1730 24th Avenue.

Plumbing—Higgins & Kraus, 741 Tehama Street.

Electric Wiring—Aetna Electric Co., 1435 Eddy Street.

Grading—Piombo Bros. & Co., 1571 Turk Street.

Foundations and Concrete—Bode Gravel Co., 235 Alabama St.

Lumber—Smith Lumber Co., Fourth and Channel Streets.

Mill Work—Warden Bros. 1501 Army.

Hardware—F. G. Norman and Sons, 890 Valencia St.

Painting—Darell Stuart, 512 Van Ness Avenue.

7—FEDERAL BUILDINGS

BIDS WANTED

TULARE COUNTY, Calif.—Until Jan. 6, 11:00 A. M., bids will be received by the United States Department of Agriculture, Farm Security Administration, Room 403, Wells Fargo Building, 85 Second St., San Francisco, for the construction of 48 Farm Labor Home Units consisting of houses, electrical and wa-

ter distribution system, sewage disposal system, roads, and all appurtenances, and in addition the Landscaping of the Tulare Unit of the California Migratory Labor Camps, on the Tulare Tract, Tulare County, Visalia, Calif. All work included in one general contract.

Plans and specifications may be obtained from the above office upon deposit of \$25.

LOW BIDDERS

MARS ISLAND, Solano Co., Calif.—Healy Tibbits Construction Co., 1 Drumm St., San Francisco, at (item 1) \$678,000 (item 2) \$698,000, (item 3) \$674,000, (item 4) \$516,000, (item 5) \$469,000, (item 6) \$431,000, (item 7) \$384,000, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for extension of 1000 feet to Quaywall at the Navy Yard, Mare Island; Spec. No. 9039.

Work includes concrete and steel sheet piles; concrete walls, pipe tunnel and crane track foundations; timber platform on wood piles; wood fender system; electric conduits; hits; and filling.

Second and third low bidders were: George Pollock Co., Sacramento, (1) \$819,000, (2) \$731,000, (3) \$643,000, (4) \$555,000, (5) \$511,000, (6) \$467,000 (7) \$423,000.

R. G. Clifford, San Francisco, (1) \$870,636, (2) \$779,729, (3) \$678,959, (4) \$585,189, (5) \$537,179, (6) \$491,669, (7) \$445,759.

Sub-Contracts Awarded

YERBA BUENA SHOALS.—Bartlett & Hill, 918 Harrison St., San Francisco, awarded following sub-contracts for construction of a WPA Recreation Court on Yerba Buena Shoals: Misc. Iron—Fair Mfg. Co., 617 Bryant Street.

Masonry—Wm. A. Rainey & Son, 323 Clementina St.

Mill—J. A. Hart Mill and Lumber Co., Jerrold & Napoleon Sts.

Painting—R. P. Paoli & Co., 2530 Lombard St.

Roofing—J. W. Bender Roofing and Painting Co., 1999 Bryant St.

Electric Work—Kuchel & Sievers Electric Works, Ltd., 468 Fifth Street.

Acoustical Work—Western Asbestos Co., 675 Townsend St.

Finish Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Upholstery—S. Brown Company, 964 Natoma St.

All of San Francisco.

Sub-Contracts Awarded

POSTOFFICE Cont. Pr., \$51,324
LOS BANOS, Merced Co., Calif. Construction of U. S. Post Office.

Owner—United States Government.

Plans prepared by Supervising Architect of the Treasury Department, Washington, D. C.

Contractor—L. F. Dow Co., 245 Bundy Drive, Los Angeles.

Roofing—Builders Lumber Co., Los Banos.

Plumbing and Heating—R. Gardner, Los Banos.

Hardwood Floors—Aetna Hardwood Floor Co., 767 Fourth Ave., San Francisco.

Iron Grille Work—Usona Mfg. Co., St. Louis, Mo.

Mill Work—Electric Planing Mill, 545 S. Monroe, Stockton.

Hardware—P. & F. Corbin Co., New Britain, Conn.

Lathing and Plastering—S. C. Pettit, 618 E. Fern Ave., Redlands.

BIDS WANTED

BELLINGHAM, Wash.—Until Dec. 30, 10 A. M. (postponed from Dec. 9) bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior painting, marble repairs, new flagpole, etc., at the U. S. P. O. at Bellingham, Wash.

Drawing and specifications may be obtained from the above office and from the Custodian of the Bldg. at Bellingham. 7

BIDS WANTED

BOISE, Idaho.—Until Jan. 10, 1:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for providing, installing and finishing complete booster pumps at the Veterans Administration Facility, Boise, Idaho.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, Calif. No deposit required for plans.

BIDS OPENED

NEWBERG, Ore.—Industrial Spray Painting Corp., Portland, at \$865.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for waterproofing work, etc., at the U. S. P. O. at Newberg. Other bids were:

Henry L. Grohne, Decatur, Illinois, \$874.00.

Portland Roofing & Waterproofing Co., Portland, \$1,000. 7

CONTRACT AWARDED

SAN DIEGO, Cal.—Robert E. L. Majors, 203 N Stanton St., El Paso, Texas, at \$2,288 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. P. O. at San Diego.

BIDS WANTED

ALAMEDA AIR STATION, Calif.—Until January 18, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for superstructure of assembly and repair shop at the Naval Air Station, Alameda, Calif. Spec. 9033. Est. cost, \$550,000.

The work includes concrete construction; steel and iron work; brick hollow tile and ceramic glazed units; roofing and sheet metal work; damp-proofing and waterproofing; metal windows; metal framing and lathing; metal and wire mesh partitions; metal and metal-covered doors; plaster and stucco; marble and tile; asphalt tile and asphalt plank flooring; hardware; carpentry and joinery; hardware; glazing; painting and plumbing, heating and ventilating, air conditioning, sprinkler and electric system.

As previously reported, drawings and specifications may be obtained from the above office and from the

Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$50 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

LOS ANGELES.—Until Dec. 28, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for changes in sanitary sewer and installation of a lawn sprinkler system at the U. S. Quarantine Station at Los Angeles.

Specifications and drawings (if any) may be obtained from the above office. 7

BIDS WANTED

BERKELEY, Ala. Co., Calif.—Until Dec. 23, bids will be received by the Custodian of the Bldg., for plumbing fixture repairs at the U. S. P. O., at Berkeley. * 7

CONTRACT AWARDED

DENVER, Colo.—Thos. Bates and Sons, 2311 10th St., Denver, at \$1,006,056, including alternates A, C, D, E, F, G, J, and K, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for the construction of detention buildings at the U. S. Federal Jail, Denver. 7

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until Dec. 30 bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal partitions at the U. S. P. O. at Long Beach. 7

SUPPLEMENTARY BIDS BEING TAKEN

MARE ISLAND, Solano Co., Calif.—Until Dec. 21 11 A. M., supplementary bids (Addendum No. 4) are being received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. No. 9043.

Original bids, which have not been rejected, included earthquake struts, which are omitted in present addendum. Supplementary bids are being received from the ten original bidders only, of which Ben C. Gerwick, Inc., 112 Market St., San Francisco, submitted original low bid at \$266,017.

CONTRACT AWARDED

HICKAM FIELD, T. H.—Robert E. McKee, 108 West Sixth St., Los Angeles, at \$18,250 awarded contract by the War Department, Washington, D. C., for construction of the Signal Corps Wing of the Administration Bldg., at Hickam Field, T. H.

Complete bids were:
Robert E. McKee, L. A.\$18,250
Moses Akiona, Honolulu 19,700
Ralph E. Woolley, Honolulu 18,990
George Hess, Honolulu 20,547

BIDS OPENED

YERBA BUENA SHOALS.—Bartlett & Hlip, 918 Harrison St., San Francisco, and L. Sartorio, 2627 Lombard St., San Francisco, submitted the only bids received by the United States Golden Gate International Exposition Commission, Geo. Creel, Commission, 200 Bush St., San Francisco, for floors and paving in the Federal building, Yerba Buena Shoals.

Bids were taken as follows:
(1) Interior paving; (a) concrete slab and monolithic finish; (b) same as la but colored red; (c) auditorium and marionette theatre concrete slab with monolithic finish, balance soil cement stabilization slab and finish; (d) same as lc except portions paved with soil cement stabilization, colored red.
(2) Exterior paving; (a) exterior

paving and concrete sairs concrete slab and monolithic finish; (b) exterior paving soil cement stabilization, stairs concrete slab and monolithic finish.

Complete bids follow:
Bartlett & Hlip; (1c) \$10,685; (1d) \$11,685; (2) \$17,408.
L. Sartorio; (1a) \$13,995; (1b) \$14,945; (2a) \$26,400.
Bids were taken under advisement. * 7

BIDS WANTED

FORT LEWIS, Wash.—Until Dec. 23, 11 A. M., (postponed from Dec. 21) bids will be received by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of the central heating plant at McChord Field. Est. cost \$335,000.

Work involves construction of bldg. approx. (134x70-ft.), concrete foundations being done by day labor but contractor required to waterproof them; also furnishing and installing a steam heating plant, coal fed, with four boilers.

Plans and specifications obtainable from Capt. Antonovich upon deposit of certified check of \$5 payable to Treasurer of United States.

BID OPENED

KETCHIKAN, Alaska.—Ben Herz Iron Works, 1327 Weller St., Seattle, Wash., at \$1,388 submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for grilles for detention windows and skylights at the U. S. P. O., Court House, Custom House and Jail at Ketchikan, Alaska. 7

CONTRACT AWARDED

PORT TOWNSEND, Wash.—Henry L. Grohne, Decatur, Ill., at \$1,277 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for caulking windows and copper cornice, etc., at the U. S. P. O., at Port Townsend. 7

CONTRACT AWARDED

FORT LEWIS, Wash.—J. W. Bailey Const. Co., Insurance Bldg., Seattle, at \$240,700 awarded contract by the Quartermaster Construction Division, Army Dept., Washington, D. C., for constructing one 250-men barracks (South Bldg.) at Ft. Lewis.

BIDS OPENED

MARSHFIELD, Ore.—Henry L. Grohne, Decatur, Ill., at \$1,138 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for roof and misc. repairs, etc., at the U. S. P. O., at Marshfield, Ore.

Complete bids were:
Henry L. Grohne, Decatur, Ill., \$1,138
Viesko & Hanniman, Salem, Ore., 2,289
Acme Roofing Co., Marshfield, Ore., 2,488
John Loring, Marshfield, Ore., 3,161 7

CONTRACT AWARDED

GRAND JUNCTION, Colo.—Otis Elevator Co., Washington, D. C., at \$10,450, awarded contract by the Procurement Division, Public Buildings Branch, Wash., D. C., for elevators in the U. S. P. O., and Court House at Grand Junction, Colo.

BIDS WANTED

SCHOFIELD BARRACKS, T. H.—Until Jan. 10, 2 P. M., E.S.T., at the Office of the Constructing Quartermaster, New York City and Vicinity, 39 Whitehall St., New York, N. Y.; and until Jan. 10, 11 A. M., P.S.T.

at the Office of the Constructing Quartermaster, Ft. Mason, San Francisco; and until Jan. 10, 8:30 A. M., H.S.T., at the Office of the Officer-in-Charge of Construction, Hickam Field, T. H., bids will be received for constructing and completing barracks buildings "A" and "E" at Schofield Barracks, T. H.

Plans and specifications may be obtained from any of the above offices upon deposit of \$25 certified check payable to the Finance Office.

COMPLETE BIDS

MARE ISLAND, Solano Co., Calif.—As previously reported, Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$266,017 submitted low bid to the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. No. 9043.

The work consists of concrete piles and foundations for machine shop approximately 250 feet wide by 900 feet long.

Complete bids were:
Ben C. Gerwick, Inc.,\$266,017
MacDonald & Kahn Co., Ltd., 266,673
De Luca & Son, Inc., 271,500
A. W. Kitchen & Co., 276,600
M. B. McGowan, Inc., 279,500
J. H. Pomeroy & Co., Inc., 285,212
Clinton Construction Co., 287,100
Healy-Tibbitts Const. Co., 287,229
Robert E. McKee, L. A., 292,900
Duncanson - Harelson Co., 316,500
All of San Francisco unless otherwise noted.

BIDS WANTED

BONNEVILLE, Oregon.—Until December 30, 3 P. M., bids will be received by the War Department, U. S. Engineer Office, Bonneville, Ore., for furnishing and installing a rubber tiled floor covering in the Control and First Aid Rooms of the powerhouse at Bonneville, Ore. Inv. No. 694-39-77.
No deposit required for drawings.

BIDS OPENED

SAN DIEGO, Calif.—J. B. Worthington, 4021 33rd St., San Diego, at \$1,072 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting exterior concrete, etc., at the U. S. P. O., at San Diego.

Complete bids were:
J. B. Worthington, San Diego, \$1,072.
Robt. E. E. Majors, El Paso, Texas, \$1,173.
W. G. P. Blumert, Oakland, Calif., \$1,188.
C. R. Greaves, San Diego, \$1,446.
S. A. Bell, San Diego, \$1,446.
Faternson Bros., Oakland, Calif., \$2,140.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Dec. 21, 11 A. M., (postponed from Dec. 14) bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steelwork for machine shop (250x900-ft.) at the Navy Yard, Mare Island. Spec. No. 9044. Est. cost, \$600,000.

Specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of check or postal money order for \$20, payable to the Chief of the Bureau of Yards and Docks.

9—HOSPITALS

BIDS WANTED

SAN FRANCISCO.—Until Dec. 20, 11:30 A. M., bids will be received by

the Department of Public Works, Room 251, City Hall, for (1) remodeling certain tile partitions on second floor of Service building, San Francisco Hospital. Est. cost, \$15,000; (2) grading for gate shelter at the SE wing, San Francisco Hospital. Est. cost, \$500; (3) preliminary grading for garage site, San Francisco Hospital. Est. cost, \$500; and (4) demolition of building at Psychopathic building site, San Francisco Hospital. Est. cost, \$1,000.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$10.00.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 20, 11:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing one steam turbine generator set at Laguna Honda Home. Estimated cost, \$25,000.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, no deposit required.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 20, 11:30 A. M., bids will be received by the Department of Public Works, Room 251, City Hall, for new elevator to be installed in the Psychopathic Building at the San Francisco Hospital, Unit 2, Contract No. 11. Est. cost, \$10,000.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$5.00.

BIDS OPENED

SAN FRANCISCO.—R. A. McLean & Co., 602 California St., at \$51,639 submitted low bid to the Department of Public Works, Room 251, City Hall, for general construction of the kitchen and dining room bldg., Hassler Health Home, San Mateo County.

Bids were received with an alternate proposal for additional excavation per cubic yard, add or deduct.

Complete bids were:
R. A. McLean & Co., \$51,639; (1) add \$1.10; deduct \$50.

P. F. Reilly, \$54,800; (1) add \$3; deduct \$1.00.

C. W. W. & H. H. Haun, \$54,945; (1) add \$3; deduct \$75.

Miller Const. Co., \$54,997; (1) add \$3; deduct \$1.

De Luca & Son, Inc., \$55,632; (1) add \$6; deduct \$2.

W. C. Akard, \$58,974; (1) add \$2.50; deduct \$1.50.

Peter Sartorio, \$59,982; (1) add \$1.25; deduct \$80.

12— POWER PLANTS

LOW BIDDERS

BONNEVILLE, Ore.—L. H. Hoffman, 715 S. W. Columbia, Portland, at \$1,176,670, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No. 694-39-63, for the completion of the powerhouse structure, including installation of embedded turbine parts, for Units No. 3 to 6, inclusive, at Bonneville Dam, Bonneville, Oregon.

Columbia Construction Co., North Bonneville, Wash., at \$1,677,965 submitted the second low bid. Winston Bros., at \$1,868,722 submitted the second low bid. Winston Bros., at \$1,868,722 submitted the third low bid.

Complete bids will be published shortly. • 12

13— PUBLIC BUILDINGS, FIRE SUBS & JAILS

Additional Sub-Contracts Awarded EXHIBIT BLDG.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit Building—Owner—Standard Brands of California.

Plans by Engr. Dept. of Owner. Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Glass—Crows Glass Co., 675 Golden Gate Ave.

Special Effects—Mutual Engineering Co., South San Francisco.

Painting—J. H. Devert, 960 Harrison Street.

Ornamental Iron—Anchor Post Fence Co., 460 5th St.

Peophone—A. M. I. Distributing Co., 251 Kearny St.

Stairs—J. di Cristina & Son, 3150 18th St.

Roofing—Anderson Roofing Co., 2412 Harrison St.

Finish Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Plastering—L. Polidoro Co., 432 Columbus Ave.

Dumbwaiter—Vincent Whitney Co., 130 Tenth Street.

Electric Work—Smith Electric Co., 975 Howard Street.

Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Streets.

All of San Francisco, unless otherwise noted 13

Sub-Contracts Awarded EXHIBIT BLDG.

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of exhibit Pavilion. Owner—United State of Brazil.

Architect—Gardner A. Dailey, 210 Post St., San Francisco.

Contractor—Chas. Stockholm & Sons, 235 Montgomery St., S. F.

Lumber—Loop Lumber Co., Central Basin.

Glass—W. P. Fuller & Co., 301 Mission St.

Plumbing—Scott Co., Inc., 243 Minna Street.

Electric Wiring—Kuchel & Sievers, Electric Works, 468 5th St.

Mill Work—Pacific Mfg. Co., 454 Montgomery St.

Sheet Metal—Morrison & Co., 74 DuBoce St.

Misc. Iron—Sartorius Co., 2530 18th Street.

BIDS OPENED

SAN FRANCISCO.—Van Fleet Frear Co., 557 Howard St., at \$803 submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing composition floor in West Portal Library, Ulloa Street and Lenox Way.

Complete bids were:
Van Fleet Frear Co., \$803.

D. E. Crowley, \$898.50.

Malott & Peterson, \$955.

Western Asbestos, \$1,052.

BIDS OPENED

SAN FRANCISCO.—West Coast Wire and Iron Works, 154 Main St., at \$130, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for dismantling and re-installing existing wire partition and slide gate, furnishing new partitions with cutouts, at Taraval Police Station.

Complete bids were:
West Coast Wire and Iron Works \$130.00

Sartorius Co. 144.50

Michel & Pfeffer 192.00

Anchor Post Fence Co. 225.00

BIDS WANTED

SAN FRANCISCO.—Until Dec. 21, 1:45 P. M., informal bids will be received by the Department of Public Works 251 City Hall, for sound control treatment of monitor, telephone and telephone rooms of Hall of Justice.

Specifications obtainable from Superintendent of Bldgs., R. A. Chisholm, 490 11th St. • 13

Bids Rejected

TOLL & TICKET BOOTHS YERBA BUENA SHOALS. Site of the 1939 World's Fair.

West Ferry, South Toll Structure and Ticket Booths; Contract No. 175.

Owner—San Francisco Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Bids received Nov. 28 were rejected.

Orange Drive, Bakersfield, \$93,939.

Second low bid submitted by Guy E. Hall, Bakersfield, at \$96,476.

Sub-Contract Awarded
EXHIBIT BLDG. Cont. Fr., \$76,380
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of French Pavilion.
Owner—Committee for the Participation of the French Government at the Golden Gate International Exposition.

Architects—George Besse and Paul Meyer-Levy.

Associate Architects—Snencer, Blanchard & Mahler, 369 Pine Street, San Francisco.

Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

Plumbing—Scott Co., Inc., 243 Minna St., San Francisco. 13

Sub-Contracts Awarded

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison St., San Francisco, awarded the following sub-contracts for construction, interior finish and facilities for Agricultural Exhibit Palace No. 7-A on Yerba Buena Shoals:

Painting—R. P. Paoli & Co., 2530 Lombard St.

Hardware—E. M. Hundley Hardware Co., 662 Mission St.

Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Streets.

All of San Francisco.

Sub-Contracts Awarded

YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison St., San Francisco, awarded following sub-contracts for construction of the Floriculture Building, on Yerba Buena Shoals:

Misc. Iron—Fair Mfg. Co., 617 Bryant St.

Mill Work—Pacific Mfg. Co., 454 Montgomery St.

Roofing—Alta Roofing Co., 976 Indiana St.

Painting—D. Zelinsky & Sons, Inc., 165 Grove St.

Glass—San Francisco Glass Co., 5234 Mission St.

Patent Hardware—The MacDonald Hardware Mfg. Co., 963 Harrison St.

Finish Hardware—E. M. Hundley Hardware Co., 662 Mission St.

All of San Francisco.

Sub-Contracts Awarded

EXHIBIT BLDG. Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Exhibit building.
Owner—California Packing Corp.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Painting—Raphael Co., 270 Tehama Photo Murals—Gabriel Moulin, 153 Kearny St.

Cork Lining—Peterson-Cobby Co., 363 Clementina St.

Plumbing—Higgins & Kraus 741 Tehama Street.

Glass—San Francisco Glass Co., 5234 Mission St.

Ornamental Iron—Sartorius Co., 2530 18th Street.

Electric Wiring—T. L. Rosenberg Co., 411 Webster St., Oakland.

All of San Francisco unless otherwise noted. 13

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Fred J. Early, Jr., 369 Pine St., San Francisco, awarded the following sub-contracts for construction of the Recreation building on Yerba Buena Shoals:

Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.

Roofing—Malott and Peterson, 2412 Harrison Street.

Mill Work—Pacific Mfg. Co., 454 Montgomery St.

Lathing & Plastering—Leonard Bosch 167 Fifth Ave.
All of San Francisco.

BIDS OPENED

SAN FRANCISCO.—Regal Floor Co., at \$55 submitted low bid to the Dept. of Public Works, Room 251, City Hall, for sanding approx. 3700 sq. ft. of wood floors in dormitory, rest room and hall at Hall of Justice.

Only other bid submitted by In-laid Floor Co., at \$78. 13

BID OPENED

SAN FRANCISCO.—Progress Glass Co., 1622 Folsom St., at \$86 submitted only bid to the Dept. of Public Works, Room 251, City Hall, for replacing two pieces of 1/2 inch plate glass at Main Public Library, Larkin and McAllister Sts. 13

14—RESIDENCES

Construction Underway
RESIDENCE Cost, \$16,000
SALINAS, Monterey Co., Calif.

Two-story frame, stucco and brick veneer residence, (4 bedrooms, 2 baths), hardwood floors, linoleum baths, heavy shake roof, steel sash, etc.

Owner—Withheld.
Architect—Guv O. Koepf, Carmel.

Contractor—Alfred H. Juncker, 221 Maple St., Salinas.

Preparing Working Drawings
RESIDENCE

SAN CARLOS, San Mateo Co., Calif.
One and one-half-story frame and rustic residence, (6 rooms), two-car garage, gas circulating air heater, oak floors, cedar shingle roof, etc.

Owner—Withheld.
Architect—Oscar R. Thayer, 557 Market St., San Francisco.

Plans will be completed and bids asked shortly.

Contract Awarded
RESIDENCE Cont. Price, \$5390
SAN MATEO, San Mateo Co., Calif.
Hayward Park.

One-story frame and stucco residence (5 rooms).

Owner—John A. Morosi.
Architect—Oscar R. Thayer, 557 Market St., San Francisco.

Contractor—F. H. Kappeler, 128 Molke St., Daly City.

Other bids were:
Martin Peterson\$5,572.00
Feroni & Sons5,620.82

Plans Completed
RESIDENCES Cost, \$5500 ea.
SAN FRANCISCO Silver Ave.

Six one-story frame and stucco residence (5 rooms each) tile drain-boards and baths, composition roofs, hardwood floors, etc.

Owner and Builder—Heyman Bros., 742 Market St.

Architect—D. E. Jaekle, 126 Post St.

Plans Being Figured—Bids Close
December 21, 2 P. M.
RESIDENCE Est. Cost, \$15,000
PIEDMONT, Alameda Co., Calif.

Two-story frame and stucco residence (10 rooms, 3 baths), hardwood floors, tile baths, shake roof, etc.

Owner—Mr. Stafford Buckley.
Architect—Ed. Musson Sharpe, 111

Sutter St., San Francisco.
Plans are being figured by a selected list of contractors.

Preparing Sketches
RESIDENCE Cost, \$.....
ATHERTON, San Mateo Co., Calif.

Two-story frame and stucco residence (single roof, hardwood floors, tile baths, gas fired warm air heating, etc.)

Owner—Withheld.
Architect—Mario Corbett, 72 Third Ave., San Mateo

Low Bidder
RESIDENCE Cost, \$.....
MILL VALLEY, Marin Co., Calif.

One-story and basement frame and Redwood siding residence (six rooms), wood and steel sash, composition roof, gas fired warm air heating system, hardwood floors, tile bath, etc.

Owner—Withheld.
Architect—Mario Corbett, 72 Third Ave., San Mateo.

Low Bidder—Wm. Yeo, Kentfield, \$6,348.

Plans Completed
RESIDENCE Cost, \$6,000
BURLINGAME, San Mateo Co., Cal.

One and one-half-story frame and stucco residence (6 rooms) hardwood floors, tile bath, shake roof

Owner—Mrs. Sanguinetti.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contractor—Hammer and Tosch Co., 1479 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, \$.....
BAYWOOD, San Mateo Co., Calif.

Two-story frame residence (hardwood floors, tile baths, etc.)

Owner—Frank V. Tinker, c/o Arch. Architect—Angus McSweeney, 604 Mission St., San Francisco.

Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

Contract Awarded
RESIDENCE Cost, \$.....
BAYWOOD KNOLES, San Mateo Co.

One and 1/2-story frame and stucco residence (10 rooms and 3 baths) gas fired hot air heating, shingle roof, hardwood floors, tile baths.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—D. K. Brookes, 900 4th Street, San Mateo.

Completing Working Drawings
RESIDENCE
SAN FRANCISCO.

Two-story and basement frame residence (9 rooms, 3 baths), hardwood floors, gas fired steam heat, terra cotta tile, wood sash, tile baths, etc.

Owner—Withheld.
Architect—John H. Ahnden, 822 39th Avenue.

Plans will be figured by a selected list of contractors in about one week.

Plans Completed
RESIDENCE Cost, \$12,500
SAN FRANCISCO, S. Chestnut St., 90 ft. West of Larkin St.

Two-story frame moderne style residence, (9 rooms, 3 baths) composition roof, glass brick, linoleum in baths, hardwood floors, etc.

Owner—Mrs. E. V. Ralsch.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Preparing Sketches
RESIDENCE Cost, \$....
SAN FRANCISCO.
Two-story frame residence (9 rooms)
Owner—Withheld.
Architect—John H. Ahnden, 822 39th
Avenue.

Plans Being Figured
RESIDENCE
BERKELEY, Ala. Co., Calif., Spruce
Street.

Two-story frame residence; composi-
tion roof, steel sash, hardwood
floors, tile baths, etc.
Owner—Withheld.
Architect—Williams & Wastell, 337
17th St., Oakland.
Plans are being figured by S. J.
Bertelsen, 30 Estrella Ave., Pied-
mont.

Construction Underway
RESIDENCE Cost, \$10,500
VALLEJO, Solano Co., Calif.
One- and one-half story residence
(7 rooms, 2 baths); shingle roof,
steel sash, gas furnace, wood
siding exterior, hardwood floors,
tile baths, etc.
Owner—Lt. Commander Thomas Cul-
hane.

Architect—John Hudspeth, 2104 Addi-
son St., Berkeley.
Contractor—Charles Marietti, Vallejo

Plans Being Figured
RESIDENCE Cost, \$15,000
PIEDMONT, Ala. Co., Calif.

Two-story residence (8 rooms, 3
baths) all wood exterior, shingle
roof, air conditioning heating
system, hardwood floors, tile and
linoleum baths, etc.
Owner—Withheld.
Architect—Williams & Wastell, 337
17th St., Oakland.

Plans are being figured by Harold
L. Paine, 5631 Oak Grove Avenue,
Oakland.

Sub-Contracts Awarded
RESIDENCE
SAN JOSE, Santa Clara Co., Calif.
Rose Garden.

One-story frame and rustic residence
(6 rooms, 2 baths), hardwood
floors, tile baths, gas furnaces,
shingle roof, etc.
Owner—R. J. McMahon.

Architect—Chas. McKenzie, Twoby
Bldg., San Jose.

Contractor—George I. Thorp, 1080 So.
Seventh St., San Jose.
Plumbing & Sheet Metal—William
Ehlert, 956 The Alameda.

Electric Wiring—Ted Russell Elec.
Co., Montgomery Hotel.
Tile Work—Thos. H. Price Co., 90
Vine.

Hardwood Floors—Best Hardwood
Floor Co., 1819 Park Ave.
Brick & Stone Work—H. F. Rediker,
Meridian Road.

Grading, Foundations & Concrete—
M. A. Pyle, 1144 N. 1st.
Lumber & Mill Work—Chelm Lum-
ber Co., 1400 The Alameda.

Hardware—San Jose Hardware Co.,
62 W. San Fernando.
Painting—S. W. Bucher, 865 Market
St., Santa Clara.

Lathing & Plastering—Magers and
Carlson, 1175 S. Washington Ave.
All of San Jose.

To Be Done By Days Work
RESIDENCES Cost, \$5000 ea.
SAN FRANCISCO.

Nine 1-story frame and stucco resi-
dences; hardwood floors, tile
baths, wood sash, etc.

Owner and Builder—Standard Bldg.
Co., 1500 Judah St.
Architect—D. E. Jaekle, 126 Post St.

Sub-Contracts Awarded
RESIDENCE
BERKELEY, Alameda Co., Cal. Par-
nassus Court.
One-story frame residence (5 rooms)
redwood exterior, hardwood flrs.,
etc.

Owner—J. K. Sebree, c/o Architect.
Architect—Clarence W. Mayhew, 6026
Acacia Street, Oakland.
Contractor—W. K. Kraus, 1310 Ma-
rin Ave., Albany.

Plumbing—Richmond Plbg. and Htg.
Co., 451 33rd St., Richmond.
Electric Wiring—Johnson Electric,
3602 Grove St., Oakland.

Heating—Aladdin Heating Corp., 2222
San Pablo Ave., Oakland.
Tile Work—East Bay Tile Co., 1824
San Pablo Ave., Berkeley.

Grading—J. Henry Harris, 2425 Val-
ley St., Berkeley.
Lumber—Hill Lumber & Hardware
Co., Brighton and Alamo, Oak-
land.

Painting—Ralph White, 3324 Adeline
St., Berkeley.
Linoleum—Linoleum Supply Co., 4201
Telegraph Ave., Berkeley.

Sub-Contracts Awarded
RESIDENCE Cost, \$4500
SAN JOSE, Santa Clara Co., Calif.
Sequoia Tract.

One-story frame residence; gas fur-
nace, shingle roof, etc.

Owner—Mr. Bonasera.
Architect—Chas. McKenzie, Twoby
Bldg., San Jose.

Contractor—Vincint Maggio, 452 No.
15th St., San Jose.

Roofing—Pacific Star Roof Co., 120
N. Morrison Ave.

Plumbing—Henry Rose, 1362 Davis.
Electric Wiring—Rosendin Electric
Works, 78 Race.

Iron Grille Work—R. Hellwig Iron &
Wire Works, 407 Vine.

Grading, Foundations & Concrete—
Elward Keeble Tully Road.

Lumber—S. H. Chase Lumber Co.,
547 W. Santa Clara.

Mill Work—Southern Lumber Co.,
1402 S. 1st St.

Hardware—San Jose Hardware Co.,
62 W. San Fernando.

Linoleum—C. J. Abelson Furniture
Co., 71 E. Santa Clara.
All of San Jose.

15—SCHOOLS

Bids Wanted—To Close December
23, 2 P. M.

SCHOOLS
KLAMATH FALLS, Oregon.

Construction of unit F, new Cres-
cent School (\$78,005); Unit H,
Chiloquin Grade School addn.,
(\$15,647); Unit J, Sprague River
School addn., (\$11,180); Unit K,
Riv Grade School addn., (\$5,873).

Owner—Klamath County Sch. Dist.,
Jean K. Porter, Clerk.
Architect—Howard R. Perrin, Klam-
ath Falls.

Plans obtainable from the archi-
tect upon deposit of \$20. 15

BIDS OPENED
SAN FRANCISCO—Regal Floor
Company, at \$65 submitted low bid
to the Department of Public Works,
Room 251, City Hall, for sanding
floors in Rooms 10, 11, 12, 13, 14 and
15 at Cleveland School.

Only other bid submitted by In-
laid Floor Co., at \$103.
(1911) 1st rep. Dec. 12, 1938. • 15

CONTRACT AWARDED
SAN GABRIEL, Los Angeles Co.,
Cal.—Earle Hugens, 745 E. California
St., Pasadena, awarded contract by
San Gabriel Board of Education at
\$46,835 (subject to PWA approval),

for construction of a 6-classroom ad-
dition to the Washington elementary
school, San Gabriel. Scott Quintin,
Edison Bldg., Alhambra, archi-
tect. 15

Correction—Bids Wanted—To Close
January 8 9 P. M.

JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif.
Construction of 6th unit of the Ju-
nior College consisting of one-
story reinf. concrete assembly,
music and dramatics building.

Owner—City of Santa Rosa Junior
College District.

Architect—Clarence Caulkins, Rosen-
berg Bldg., Santa Rosa.

Plans and specifications may be
obtained from the architect's office
upon deposit of \$25.

Bids will be opened at 8:30 P. M.,
Jan. 6, at the Junior College in the
Library of the present Administra-
tion bldg.

Opening date previously reported
in error.

CONTRACT AWARDED
SAN GABRIEL, Los Angeles Co.,
Calif.—Brunzell and Jacobson, 2150
Princeton Ave., Los Angeles, awarded
contract by San Gabriel Board of
Education at \$39,869 (subject to P
W A approval), for construction of
a 6-classroom addition to the Mc-
Kinley elementary school, San Ga-
briel. Scott Quintin, architect, Edi-
son Bldg., Alhambra. 15

CONTRACT AWARDED
SAN GABRIEL, Los Angeles Co.,
Cal.—V. R. Bush, 116 N. Shamrock,
Monrovia, awarded contract by the
San Gabriel Board of Education at
\$42,937 (subject to PWA approval),
for construction of an auditorium,
cafeteria and 4-classroom addition
at the Lincoln elementary school, San
Gabriel. Scott Quintin, architect, Edi-
son Bldg., Alhambra. 15

CONTRACT AWARDED
GLENDALE, Arizona—Wm. Peper
Const. Co., P. O. Box 1564, Phoenix,
awarded contract by Glendale Union
High School District, at \$85,565, for
the construction of a gym building
and an auditorium building at Glen-
dale, Ariz. high school, a PWA project.
Lescher & Mahoney, architects,
1100 Title & Trust Building, Phoenix.
15

Contract Awarded
HIGH SCHOOL Cont. Price, \$191,149
SACRAMENTO Co., Calif. About 15
miles northeast of Sacramento.
(San Juan High to School.)

High school plant to contain twelve
classrooms, gymnasium, auditori-
um, agricultural shop, cafe-
teria, dramatic arts room, admini-
stration offices and boiler room.

Owner—San Juan Union High School
District.

Architect—Chas. F. Dean, California
State Life Bldg., Sacramento.

Structural Engineer—F. W. Kellberg,
320 Market St., San Francisco.

Contractor—Otto Steinbrenner, 2657
Land Park Drive, Sacramento.

Contract awarded, subject to PWA
approval, on basic bid including de-
duction of alternates 1 to 13 inclu-
sive.

CONTRACT AWARDED
LOS ANGELES—J. V. McConnell Co.,
5860 Avalon Blvd., Los Angeles,
awarded contract for construction
of a reinforced concrete library bldg.
at 1071 West 79th St., Los Angeles,
for Geo. Pepperdine College. H. L.
Gogerty, architect, 6272 Yuca St.,
Los Angeles. Est. cost, \$40,000. 5

LOW BIDDER

ALHAMBRA, L. A. Co., Calif.—Baruch Corp., 625 E. Olive St., L. A., submitted low bid to Alhambra Bd. of Education, at \$659,380, for construction of administration bldg. at Mark Keppel high school, NE corner Hellman Ave. and Almansor Street, Alhambra, a PWA project. Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena; Murray Erick, structural engineer, 811 W. 7th St., Los Angeles. 15

LOW BIDDER

AI HAMBRA, L. A. Co., Calif.—E. R. Jordan, 1001 N. Isabel St., Glendale, submitted low bid to Alhambra Board of Education, at \$63,992, for heating and ventilating work for administration bldg., physical education bldg. and industrial arts bldg. to be built at the Mark Keppel high school, a PWA project. Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena. 15

Bids Wanted—To Close Dec. 29, 7:00 P. M.

SCHOOL BLDG. Cost, \$44,000
KERN COUNTY, near Bakersfield. School building to contain three classrooms, cafeteria and toilet building. (Frame and stucco construction, steam heating, etc.). Owner—Greely Elementary School District.
Architect—Franklin & Kump, Jr., 256 Haberfeide Bldg., Bakersfield. Plans and specifications obtainable from the architect. Certified or cashier's check or bond for 10% required.

Sub-Contracts Awarded

SCHOOL
TWIN HART, Tuolumne Co., Cal. One-story frame grammar school to contain two classrooms.
Owner—Twin Harte Elementary School District.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
Contractor—Charles K. Pasma, P. O. Box 222, Ripon.
Plumbing, Electric Wiring, Heating, Sheet Metal—Hansen's, 609 10th, Modesto.
Glass, Lumber, and Mill Work—United Lumber Yards, Inc., 430 10th, Modesto.
Hardware—Turner Hardware and Implement Co., 904 H, Modesto.
Painting—Carlson Bros., Patterson.
Lathing & Plastering—Elmer Eyre, Turlock.

Contract Awarded

SCHOOL
CARBERRYVILLE, Humboldt Co., Cal. One-story frame school building.
Owner—Garberville Union Elementary School District, Paul R. Todd, Clerk.
Architect—Frank T. Georgeson, 537 G Street, Eureka.
Contractor—A. O. Lightford, Upper Lake, \$44,860.
Contract awarded low bidder subject to the approval of the PWA.
Complete bids were:
A. O. Lightford, Upper Lake, \$44,860
Frank M. Crane, Fortuna, 45,680
Helen Bembow, & Meyer
Const. Co., San Francisco, 46,281
Fred J. Maurer & Son, Eureka, 47,500
B. A. Hawkins & Co.,
San Francisco, 48,600
Robert McCarthy, San Francisco, 48,918
Mercer-Fraser Co., Eureka, 53,441

Planned

LIBRARY BLDG. Cost, \$600,000
STANFORD CAMPUS, Palo Alto, Santa Clara Co., Calif.
One-story reinf. concrete and structural steel library building with

tower (55 ft. wide, 210 ft. high) consisting of 4 stories and nine 1/2 stories to be known as the Hoover Library on War, Revolution and Peace.
Owner—Univ. of Stanford.
Plans by Eng. Dept. of Owner.

BIDS OPENED

SAN FRANCISCO, Cal.—Cleveland Wrecking Company, 260 Spear St., at \$185 submitted low bid to the Department of Public Works, Room 251, City Hall, San Francisco, for clearing the site of the outer Mission High School.
Complete bids were:
Cleveland Wrecking Co., \$185
Fred Nutting, 199
West Construction Co., 265 * 15

Prospective Bidders

CONSTRUCTION
OAKLAND, Alameda Co., Cal. 63rd St. and San Pablo Ave.
Reconstruction of the South wing of the Golden Gate Jr. High School. Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland (School Administration Bldg.)
Plans and specifications may be obtained from Room 109, 1025 Second Ave., Oakland, upon deposit of \$25.

As previously reported, bids will be opened Dec. 20, 4 P. M.
Following have taken out plans:
F. C. Stolte Co., 1405 San Antonio Ave., Alameda
E. T. Letter Sons, 811 37th Street, Oakland.
George Swanstrom, 1615 78th Ave., Oakland.
Peter Sartorio, 369 Pine St., San Francisco
S. G. Johnson, 4652 Dolores Ave., Oakland
C. M. Teigland, 525 49th St., Oakland
Carl N. Swenson Co., 355 Stockton Ave., San Jose
B. A. Hawkins & Co., 1182 Market St., San Francisco.
Central California Construction Co., 115 Burrows St., San Francisco.

Prospective Bidders

CONSTRUCTION
OAKLAND, Alameda Co., Cal. 97th Ave. and Burr St.
Reconstruction of the Toler Heights Elementary School.
Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second Avenue and 10th St., Oakland (School Administration Bldg.)
Plans and specifications may be obtained from Room 109, 1025 Second Ave., Oakland, upon deposit of \$25.

As previously reported, bids will be opened Dec. 20, 4 P. M.
Following have taken out plans:
E. T. Letter Sons, 811 37th Street, Oakland.
George Swanstrom, 1615 78th Ave., Oakland.
M. B. Rogers, 816 Broadway, Oakland.
F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
S. G. Johnson, 4652 Dolores Ave., Oakland.
C. M. Teigland, 525 49th St., Oakland.
Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Award Approved

GYM & SHOP Cont. Price, \$36,991
CALISTOGA, Napa Co., Calif.
Gymnasium and shop building.
Owner—Calistoga Joint Union High School (Chapin F. Tubbs, Clerk)
Architect—William Herbert, Rosen-

berg Bldg., Santa Rosa.
Contractor—J. L. Webster, Box 22, Lodi.
Award of contract approved by the PWA.

BIDS OPENED

SAN FRANCISCO.—De Luca and Son, Inc., 1745 Filbert St., at \$19,748 submitted low bid to the Dept. of Public Works, Room 251, City Hall, for Kindergarten Building at Glen Park School.
Complete bids were:
De Luca & Son, Inc., \$19,748
Leo Epp, 20,377
M. E. Vukicevich, 20,773
Frank Eyre, 23,860.23
Peter Sartorio, 25,682
(1138) 1st rep. Dec. 1, 1938. * 15

BIDS OPENED

SAN FRANCISCO.—West Constr. Co., 1129 Irving St., at \$8,735 submitted low bid to the Dept. of Public Works, Room 251, City Hall, for Roads and adjoining gutters, walks and curbs of the Science Building, San Francisco Junior College, Ocean and Phelan Aves.
Complete bids were:
West Construction Co., \$8,735
Chas. Harney, 8,900
Eaton & Smith, 9,200

BIDS OPENED

SAN FRANCISCO.—Rosenberg Bros., 58 Merlin St., at \$22.50, submitted low bid to the Department of Public Works, Room 251, City Hall, San Francisco, for grading the site of the kindergarten addition to Francis Scott Key School.
Complete bids were:
Rosenberg Bros., \$422.50
Sibley Grading & Teaming Co., Ltd., 440.00
West Construction Co., 565.00 * 15

SUB-BIDS WANTED

PORT CHICAGO, Contra Costa Co., Calif.—Julius Martiniello Constr. Co., 44 Mary St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for construction of the Bay Point Grammar School, Port Chicago, for which bids will be opened Dec. 19, 7:30 P. M.
Plans by Architect Harold H. Weeks, 593 Market St., San Francisco. * 15

Contract Awarded

HIGH SCHOOL Cont. Price \$485,600
HONOLULU, T. H. Farrington High School.
Addition to Main Building.
Owner—Farrington High School District.
Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.
Contractor—Ralph E. Woolley, Honolulu.
Second low bid submitted by E. E. Black, Ltd., Honolulu, at \$488,950.

Bids Wanted—To Close January 3, 9 A. M.

SCHOOL BLDG. Cost, \$69,000
IRVINGTON, Alameda Co., Calif.
Irvington School.
One-story grammar school bldg. to contain seven classrooms, gymnasium, auditorium, etc.
Owner—Irvington Elementary School District.
Architect—George E. Ellinger, 1801 Casterline Road, Oakland.
Plans and specifications obtainable from the architect's office upon deposit of \$25.00.
Bids will be opened at the Irvington School.

BIDS OPENED

SAN FRANCISCO.—Leo Epp, 4745 Geary St., at \$89,377 submitted low bid to the Department of Public Works, Room 251, City Hall, for general construction of an addition to Layton School.

General bids were received with the following alternate deductions: (1) omit stage equipment; (2) concrete slab and cement finish in lieu of brick paving for Terrace 34; (3) omit interior finish in Kindergarten 28, alcove 33, coat room 31 and toilet 32; (4) omit interior finish and partitions in Kindergarten 27, alcove 25, coat room 24, toilet 25, Kindergarten 28, alcove 33, coat room 31, toilet 32, and corridor 29.

Complete bids were:

Leo Epp, \$89,377; (1) \$746; (2) \$500 (3) \$1575; (4) \$4600.
Anderson & Ringrose, \$90,750; (1) \$525; (2) \$650; (3) \$1870; (4) \$5100.
De Luca & Son, Inc., \$94,348; (1) \$530; (2) \$1560; (3) \$2300; (4) \$6000.

ADDITIONAL SUB-CONTRACTS AWARDED

YUCAIPA, San Bernardino Co., Cal.—L. P. Scherer, P. O. Box 423, Redlands, awarded the following additional sub-contracts for construction of a one-story classroom and auditorium building on a site adjoining the elementary school in Yucaipa. Marsh, Smith & Powell, architects, Architects Bldg., Los Angeles:

Kalamein and Metal Covered Doors—Probert Mfg. Co., 2239 Ors St., Los Angeles.

Blackboards and Tackboards—Parris Mfg. Co., 4218 Whiteside St., Los Angeles.

Asphalt Tile—Hammond Bros. Corp., 1246 S. Main St., Santa Ana.

Steel Toilet Partitions—Continental Specialties Co., 1367 17th Street, Los Angeles.

Lathing & Plastering—Farrar Bros., 1070 E. St., San Bernardino.

Insulation—Dill Lumber Co., Redlands.

Finish Hardware—Bennett-Montgomery Hardware Co., 323 S. San Pedro, Los Angeles.

Interior Tile—Sunet Tile & Roofing Co., Redlands. 15

Sub-Contracts Awarded

AUDITORIUM Cont. Pr., \$159,550
DELANO, Kern Co., Calif. Delano High School.

Auditorium and cafeteria building. Owner—Delano Joint Un. High Sch. District.

Architect—Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield.
Contractor—Harman & Co., 4540 Cutter St., Los Angeles.

Excavation—Calowell Const. Co., Bakersfield.

Reinforcing Steel—Soule Steel Co.
Structural Steel—Western Iron and Metal Company.

Acoustic Treatment—Harold Shugart Company.

Insulation, Interior Tile and Comp. Roofing—O. McNay, Bakersfield.

Fireproof Doors—Probert Mfg. Co.

Lathing & Plastering—Tom Thompson.

Painting—Jones & Gascoyne, Porterville.
Glass and Glazing—W. P. Fuller & Company.

Terrazzo—Modern Terrazzo Co.
Asphaltic Tile—Broadway Department Store.

Metal Partitions—J. E. Dwan, Inc.
Limestone—Pacific Cut Stone and Granite Company.

BIDS WANTED

GUSTINE, Merced Co., Calif.—Until Dec. 23, 8 P. M., bids will be received by the Gustine Union Ele-

mentary School District for the construction, furnishing and installation of Stage Equipment and Seating in connection with a combination Auditorium-Gymnasium Building located at Gustine, Merced County, Calif.

Plans and specifications may be obtained from the Architects, Franklin and Kump, Jr., 202 T. W. Paterson Bldg., Fresno, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the principal's office of the Gustine Union Elementary School.

Contract Awarded
AUDITORIUM Cont. Pr., \$35,798
REDWOOD CITY, San Mateo Co., Calif.

Addition of auditorium and improvements at the Lincoln School.

Owner—Redwood City Elementary School District, (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, No. 9 Geary Street, San Francisco.

Contractor—M. E. Vukicevich, 666 Mission St., San Francisco.

Contract awarded, subject to the approval of the PWA, on basic bid without deduction of any alternate proposals.

Contract Awarded
ADDITION Cont. Pr., \$86,840
REDWOOD CITY, San Mateo Co., Calif. Duane Street.

Two-story addition to McKinley Sch. (10 classrooms).

Owner—Redwood City Elementary School District, (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, No. 9 Geary Street, San Francisco.

Contractor—C. M. Teigland, 525 49th St., Oakland.

Contract awarded, subject to the approval of the PWA, on basic bid without deduction of any alternate proposals.

Sub-Contracts Awarded
SCHOOL BLDG. Cont. Pr., \$44,769
SACRAMENTO, Cal. NW side McKinley Blvd. at San M'zuel Way.

Construction of addition to Theo. Judah Elementary School to contain administrative office, kindergarten room and assembly addition.

Owner—Sacramento City Unified School Dist., (C. S. Hughes, Secretary).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

Contractor—M. R. Peterson, 1116 "O" St., Sacramento.

Roofing—Johnson Bros., 3200 Stockton Blvd.

Plumbing—L. N. Plummer, 1019 Jay Street.

Electric Wiring—Rex Moore, 616 San Antonio Way.

Heating—Luppen & Hawley, 3126 Jay Street.

Sheet Metal—Park Sheet Metal Wks., 252 Sacramento Blvd.

Title Work—H. O. Adams, 911 26th Street.

Glass—American Fuel & Material Co., 1610 Jay St.

Iron Grille Work—Alling Iron Wks., 2415 5th St.

Lumber—Diamond Match Co., 2826 2nd St.

Mill Work—Moore & Garbek, 1716 Alhambra Blvd.

Painting—Willcoxon & Wilson, 1724 34th St.

All of Sacramento.

Contract Re-awarded
SCHOOL Cont. Pr., \$67,777
BENICIA, Solano Co., Calif.

One-story frame and stucco elementary school building to contain 5 classrooms and auditorium with manual training room in basement.

Owner—Benicia Unified School District (E. A. Stoner, Clerk).

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Contractor—E. T. Leiter Sons, 811 37th St., Oakland.

Contract re-awarded on bid of \$78,867 including deduction of alternates 1 to 22 inclusive.

Bid Opening Postponed Until Dec 27, 8:15 P. M.

ADDITION. Cost, \$69,000
SALINAS, Monterey Co., Calif. All-Sal Elementary school.

Owner—Allsal Union Elemen. Sch. District, Leo V. Anderson, Clerk.

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

Separate bids will be received for (A) general construction (b) 588 opera chairs or opera plywood seats (c) unit price per steel folding chair (d) 35 adjustable seat and desk units (e) 8 library tables, style Universal 74 (f) 20 tables, style Universal 24 and 46 chairs No. 18 (j) key cabinet (k) one office table 30x72 " (l) one direct process duplicating machine (m) stage equipment, draping, etc. (o) film cabinet.

Bids will be received until Dec. 9, 8:15 P. M., and opened at 8:25 P. M., of that date at the Allsal School House.

Opening date postponed from December 9.

SCHOOL BLDG. Cost, \$175,000
NORTH SACRAMENTO, Sacramento Co., Calif. Grant Union High School.

Second unit of high school plant, consisting of one-story 12-room addn., including cafeteria, classrooms, shops and music rooms.

Owner—Grant Union High School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

As previously reported, plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened in the present Grant Union High School.

Bids Wanted—To Close Dec. 22, 5 P. M.

SCHOOL BLDGS. Cost, \$90,000
LONGVIEW, Washington.

Kessler auditorium, vocational bldg., St. Helen's addition and Valley Gardens addition, and alterations to existing high school building.

Owner—Cowlitz County School Dist. No. 122 (Ruth E. Russell, Clerk).

Architect—N. Torbitt, Lloyd Bldg., Seattle, and Ray V. Weatherby, Henry Bldg., Longview.

Plans and specifications obtainable from the architect's offices upon deposit of \$25.00.

Sub-Contracts Awarded
SCHOOL BLDG. Cost, \$45,550
ROSEVILLE, Placer Co., Calif.

One-story frame and stucco shop bldg. to contain wood work shop, auto mechanic shop and machine shop and five classrooms.

Owner—Roseville Union High School Board, W. W. Zell, Clerk.

Architect—E. G. Ernst, 651 E. Harding Way, Stockton.
 Contractor—H. H. Henning, 1751 Berkeley Ave., Stockton.
Roofing—Johnson Bros., 3200 Stockton Blvd., Sacramento.
Sheet Metal—Robert Hansen, 818 13th St., Modesto.
Glass—W. P. Fuller & Co., 1725 10th St., Sacramento.
Lumber—Diamond Match Co., 210 Tahoe, Roseville.
Mill Work—Electric Planing Mill, 545 S. Monroe, Stockton.
Hardware—Turner Hardware & Implement Co., 24 N. American St., Stockton.
Painting—J. F. Ecker, 17 W. Poplar St., Stockton.
Acetate Floor Covering—McLean Hardware Floor Co., 37 S. Sutter St., Stockton.
Reinforcing Steel—Gilmore Fabricators, Inc., 821 Folsom Street, San Francisco.

CONTRACT AWARDED
 SANTA BARBARA, Calif.—Whittaker & Snook, 124 E. Arrellaga St., Santa Barbara, awarded contract by Santa Barbara Board of Education at \$34,000 for addition of a shower room to the high school in Santa Barbara, a PWA project. Lockard & Clessman, architects, 117 E. De la Guerra St., Santa Barbara. 15

Low Bidders
SOCIAL SCIENCE BLDG.
 SEATTLE, Wash.—University of Washington.
 Four-story and basement Social Science Bldg. (72x230 ft.); central heating plant; tile floors in corridors, balance linoleum. Contract involves only structural frame and such preliminary plumbing, heating and electric work as is necessary for completion of concrete work.
 Owner—Board of Regents of the University of Washington, 1039 Henry Bldg., Seattle.
 Architect—Bebb & Gould, 715 Hoge Bldg., Seattle.
Low Bidder—Gjarde Construction Co., Joshua Green Bldg., Seattle, \$103,956.
 Second low bid for general construction submitted by J. W. Bailey Const. Co., Seattle, at \$122,240. 15

CONTRACT AWARDED
 SAN FRANCISCO.—Rosenberg Bros., 58 Merlin St., at \$535 awarded contract by the Department of Public Works, City Hall, for grading for the second unit of Samuel Gompers Trade School.

CONTRACT AWARDED
 SAN FRANCISCO.—Rosenberg Bros., 58 Merlin St., at \$437,50 were awarded contract by the Department of Public Works, City Hall, for preliminary grading of the Auditorium site at Marina Junior High School, Fillmore and Bay Streets.

CONTRACT AWARDED
 SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at \$490 awarded contract by the Department of Public Works, City Hall, for preliminary grading for gymnasium and cafeteria site for the Horace Mann Junior High School, Valencia, 23rd and Bartlett Streets.

CONTRACT AWARDED
 SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at \$42,291 awarded contract by Dept. of Public Works, City Hall, for construction of Mission High School Athletic Field, 18th St. bet. Dolores and Church Sts.

BIDS WANTED
 SAN JUAN CAPISTRANO, Orange Co., Cal.—Until Dec. 28, 12:30 P. M., bids will be received by San Juan Capistrano Union High School District for a one-story classroom bldg. to be built at the Capistrano high school, a PWA project. Est. cost, \$90,000. Plans will be available at office of T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles, on or about Dec. 14; no deposit required. Check or bond for 5% to accompany bid. Wm. T. Wright is the structural engineer. 15

Bids Wanted—To Close Jan. 6, 8:00 P. M.

JUNIOR COLLEGE ADDITION
 SANTA ROSA, Sonoma Co., Calif. Construction of 5th unit at the Junior College consisting of two-story reinforced concrete library and administration building.
 Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened at 8:30 P. M., Jan. 6, at the Junior College in the Library of the present Administration bldg.

Bids Wanted—To Close January 6, 8 P. M.

JUNIOR COLLEGE ADDITION
 SANTA ROSA, Sonoma Co., Calif. Construction of 7th Unit at the Junior College consisting of one-story frame commercial bldg.
 Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened at 8:30 P. M., Jan. 6, at the Junior College in the Library of the present Administration bldg.

Bids Wanted—To Close December 22, 7:30 P. M.

SCHOOL ADDITIONS Cost, \$19,000
 ARCADE, Sacramento Co., Calif. Construction of additions to Arcade Elementary School.
 Owner—Arcade Elementary School District. (Geo. W. Filcher, Clerk).
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the office of the Arcade Elementary School.

Prospective Bidders
JUNIOR COLLEGE BLDGS. Cost, \$195,000

SACRAMENTO, Calif. Construction of four building units at the Junior College as follows: Aeronautics Bldg., Engineering Shop Building, Home Economics Bldg., and Cafeteria.
 Owner—Sacramento City Unified Sch. Dist., (Chas. C. Hughes, Secy.).
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, bids will be received until Dec. 20, 2 P. M., and opened in the office of the Board of Education, Administration Bldg., 21st and L Sts., Sacramento.

Following have taken out plans: Lindgren & Swinerton, Inc., 619 II St., Sacramento.

H. W. Robertson, 3004 F Street, Sacramento.
 Otto Steinbrenner, 2657 Land Park Drive, Sacramento.
 Azevedo Construction Co., 920 O St., Sacramento.
 Campbell Construction Co., 800 R St., Sacramento.
 O. J. Scherer Co., Angels Camp.
 Holdener Construction Co., 2608 R St., Sacramento.

December 9, 1938

Contract Awarded
SCHOOL Cont. Price, \$75,557
 BENICIA, Solano Co., Calif.

On-story frame and stucco elementary school building to contain 5 classroom s and auditorium with manual training room in basement.

Owner—Benicia Unified School District. (E. A. Stoner, Clerk)
 Architect—Harold H. Weeks, 593 Market St., San Francisco.
 Contractor—E. T. Letter Sons, 811 37th St., Oakland.

Contract awarded subject to approval of PWA on bid of \$78,867, including deduction of alternates 2, 3, 5, 7, 8, 10, 11, 12 and 13.

BIDS WANTED

WASCO, Kern Co., Calif.—Until Dec. 23, 8:00 P. M., bids will be received by Wasco Union Elementary School District for a school building (275x60-ft.), to be built on a 10-acre site in Wasco, as the first unit of the Thomas Jefferson school, a PWA project; cost \$83,900. Plans obtainable from John Paxton, Perrine and associates; Huntington Barker, architect, Western Pacific Bldg., Los Angeles, upon deposit of \$25. Check or bond for 10% to accompany bid. 15

LOW BIDDER
 SANTA BARBARA, Santa Barbara Co., Calif.—Whittaker & Snook, 124 E. Arrellaga St., Santa Barbara, submitted low bid to Santa Barbara Board of Education, at \$34,000, for addition to a shower room to the high school in Santa Barbara, a PWA project. Lockard & Clessman, architects, 117 E. De la Guerra St., Santa Barbara. 15

CONTRACT AWARDED
 POINT ARENA, Mendocino Co., Cal.—Joe Villa, 1207 Solano Avenue, Albany, at \$4,780 submitted only bid and was awarded contract by the Point Arena Union High School District for moving and putting on new foundations for a gymnasium and shop building located at Pt. Arena. (1052) 1st rep. Nov. 18, 1938. * 15

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Dec. 21, 1 P. M., bids will be received by the Eureka Union High School District, Geo. E. Abree, Clerk, for furnishing and installing a boiler in the existing Junior High School building and running steam main and return to the location of the new shop building, at Eureka.

Plans and specifications may be obtained from the office of the Architects, Masten & Hurd, 442 Post St., San Francisco, upon deposit of \$25. returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the Junior High School Bldg., Eureka.

SUB-CONTRACTS AWARDED

SAN FRANCISCO.—A. M. Hardy, 736 Clementina Street, awarded the following sub-contracts for construction of kindergarten buildings at Visitation Valley School, Delia and Schwerin Sts.:

Plastering—Vance Petersen, 161 Del Monte.
 Sheet Metal—Tornberg Metal Prod., 3117 20th St.
 Roofing—Alta Roofing Co., 976 Indiana Street.
 Terrazzo—American Terrazzo Co., 36 Wood Street.
 Linoleum—Parhandle Carpet Co., 773 Divisadero St.
 Glass—W. P. Fuller & Co., 301 Mission Street.
 Plumbing—Scott Co., Inc., 243 Tehama Street.
 Radiators—Higgins & Kraus, 741 Tehama Street.
 Painting—H. Ankers, 222 Lexington.
 Finish Hardware—Marshall - Newell Co., Sycar and Mission Streets.
 Window Fixtures—MacDonald Hardware Co., 963 Harrison St.
 Window Shades—D. N. & E. Walters Co., 562 Mission St.
 Blackboard—Gill-Mann Co., 160 Second Street.
 Electric Work—Delatour Electric Co., 735 Tehama Street.

Bids Wanted—To Close Dec. 23.

7:30 P. M.
ALTERATIONS Cost, \$13,000
 DINUBA, Tulare Co., Calif.

Furnish and install building repairs, bleachers, sidewalks, steel fence, sprinkler system, landscaping, venetian blinds, public address system, sound machine, grand piano and library stacks.

Owner—Dinuba Union High School District (Weaver Liebau, Clerk).
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the Clerk upon deposit of \$10, returnable.

Bids will be opened in the office of the Clerk, Science Bldg., Dinuba Joint Union High School.

Bids Wanted—To Close Dec. 27.

8 P. M.
SCHOOL BLDG. Cost, \$175,000
 NORTH SACRAMENTO, Sacramento Co., Calif. Grant Union High School.

Second unit of high school plant, consisting of one-story 12-room addition inc. cafeteria, classrooms shops and music rooms, etc.

Owner—Grant Union High School District.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the present Grant Union High School.

Bids Wanted—To Close December 23,

8 P. M.
HIGH SCHOOL Cost, \$280,000
 MARSHFIELD, Oregon.

Construction of senior high school building, gym and natatorium.
 Owner—School District No. 9, Coos County, Oregon, Lynn A Parr, Clerk.

Architect—F. M. Stokes, 1301 Terminal Bldg., Portland.

Plans and specifications obtainable from the architect's office upon deposit of \$40

15

Bids Opened

HIGH SCHOOL
 SACRAMENTO CO., Calif. About 15 miles northeast of Sacramento. (San Juan High School).

High school plant to contain twelve classrooms, gymnasium, auditorium, agricultural shop, cafeteria, dramatic arts room, administration offices and boiler room.
 Owner—San Juan Union High School District.

Architect Chas. F. Dean, California State Life Bldg., Sacramento.
 Structural Engineer—F. W. Kellberg,

320 Market St., San Francisco.
 Low Bidder—H. W. Robertson, 3004 F St., Sacramento, \$234,612.

Complete bids follow:
 H. W. Robertson, Sacto..... \$234,612
 Lawrence Const. Co., Sacto..... 236,266
 Otto Steinbrenner, Sacto..... 236,995
 Lindgren and Swinerton, Inc., Sacramento 240,000
 Azevedo Const. Co., Sacto..... 243,219
 Holdener Const. Co., Sacto..... 251,500
 Bids under advisement.

Bids Opened

SCHOOL BLDGS.

PORTLAND, Oregon.

Completion of south group of wings of Oregon Medical School Bldg., including Medical Library, Auditorium and Laboratory.

Owner—Board of Education, Oregon Bldg., Portland.

Architects—Lawrence, Holford and Allyn, Failing Bldg., Portland.

Low Bidder—Ross B. Hammond, Spading Bldg., Portland, \$417,142.

Other bids were:

George H. Buckler, Portland \$425,526
 L. H. Hoffman, Portland..... 443,175

Bids Opened

ADDITION

REDWOOD CITY, San Mateo Co., Calif. Duane Street.

Two-story addition to McKinley Sch. (10 classrooms).

Owner—Redwood City Elementary School District (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, No. 9 Geary Street, San Francisco.

Low Bidder—C. M. Peigland, 525 49th St., Oakland, \$86,840.

Complete bids were:

C. M. Peigland \$86,840
 H. H. Larsen Co., S. F. 87,823
 Neilsen & Erbenbraut, San Jose 87,975

G. W. Williams Co., Burlingame 89,745

Bids held under advisement.

Bids Opened

AUDITORIUM

REDWOOD CITY, San Mateo Co., Calif.

Addition of auditorium and improvements at the Lincoln School.

Owner—Redwood City Elementary School District (C. G. Uhlenberg, Clerk).

Architect—Thos. M. Edwards, No. 9 Geary Street, San Francisco.

Low Bidder—M. E. Vukicevich, 666 Mission St., San Francisco, \$35,798.

Complete bids were:

M. E. Vukicevich \$35,798
 R. A. McKean & Son, S. F. 36,920
 L. M. Duncan, Redwood City, 37,243

H. H. Larsen Co., S. F. 37,723
 Chas. Pedersen, San Mateo 37,890

G. W. Williams Co., Burlingame 37,996
 James J. Allen 38,976

Webster Jeffers, San Francisco 39,790
 Wm. Martin, San Francisco 40,633
 Geo. Swanstrom 43,990

Bids held under advisement.

Sub-Contracts Awarded

ADDITION Cost, \$.....
 MERCED, Merced Co., Calif.

Addition to John Muir Gram. School. Owner—Merced Elementary Sch. District (Alfred W. Petersen, Clerk)

Architect—S. G. Ernst, 561 E. Harding Way, Stockton.

Contractor—C. B. Cameron & Son, P. O. Box 244, Merced.

Roofing and Lumber—Cross Lbr. Co., S. P. Reservation, Merced.

Plumbing—Electric Wiring, Heating, and Sheet Metal—Sanitary Plbg. Co., 745 17th St., Merced.

Iron Grille Work—Kyle & Co., 346

G St., Fresno.

Painting—I. G. Dodge, 336 25th St., Merced.

Lathing and Plastering—J. H. Shone, 11 8th St., Merced.

Concrete—J. W. Huffman, 921 21st St., Merced.

Bids Opened

HIGH SCHOOL
 ALTURAS, Modoc Co., Calif. Main Street.

One-story high school building.

Owner—Modoc Un. Hig. School Dist.

Architects—Masten & Hurd, 442 Post St., San Francisco.

Low Bidder—Moore & Roberts, 693 Mission St., San Francisco, \$141,450.

Contract was awarded low bidder subject to the approval of the P.W.A.

Complete bids were:

Moore & Roberts, S. F. \$141,450
 Robert McCarthy, S. F. 143,300
 N. H. Sjoberg & Son, Oakland 149,190

Brousthouse Const. Co., Klamath Falls, Ore. 162,245

Sub Contracts Awarded

GYM. Cont. Price, \$188,733

OAKLAND, Alameda Co., Calif. 47th Avenue and Foothill Boulevard.

Construction of a gymnasium building at Fremont High School.

Owner—Oakland School District.

Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland, (School Administration Bldg.).

Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Structural & Reinforcing Steel—Herrick Iron Works, 1729 Campbell St., Oakland.

Lumber—Smith Lumber Co., 4th & Channel St., S. F.

Plastering—C. H. Burnett & Son, 2582 E Camino, Oakland.

Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.

Glass—Habenicht and Howlett, 529 Clay St., San Francisco.

Electric Wiring—City Electric Co., 174 12th St., Oakland.

Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.

Gym Equip. & Doors—C. J. Waterhouse Co., 55 New Montgomery St., San Francisco.

Lockers & Toilet Partitions—Trask & Squier Co., Inc., 39 Natoma St., San Francisco.

Roofing—N. V. Heathorn Roofing Co., 355 Hobart St., Oakland.

Sheet Metal—East Bay Sheet Metal Works, 1101 Market St., Oakland.

Plumbing & Heating—The Scott Co., 113 10th St., Oakland.

Excavations—J. Catucci, 1212 18th Ave., Oakland.

Concrete Materials—Melrose Building Materials Co., 4501 Tidewater Ave., Oakland.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Tile—Rigney Tile Co., 3012 Harrison St., Oakland.

Hardware—Maywell Hardware Co., 1320 Washington St., Oakland.

Window Shades—West Coast Window shade Service, 467 19th St., Oakland.

Hollow Metal—Gleason Steel Products Co., 1310 63rd St., Oakland.

Sub-Contracts Awarded

INDUSTRIAL BLDG. Cost, \$300,000
 SAN FRANCISCO, SW Kansas and 16th Streets.

One-story Class C meat jobbing building.

Owner—Raymond A. Luce, 1676 Market Street.

Engineer—James M. Smith, 251 Kearny St.

Contractor—H. E. Rahlmann, 251 Kearny St.
 Reinf. Steel—Gilmore Fabricators, Inc., 821 Folsom St.
 Lumber—Rolando Lumber Co., 301 Berry St.
 Steel Sash—Truscon Steel Co., 604 Mission St.
 Painting—A. W. Gordon, 1672 15th Street.

BIDS OPENED

SAN FRANCISCO. — Rosenberg Bros., 58 Merin St., at \$535 submitted low bid to the Dept. of Public Works, City Hall, for grading for 2nd unit of Samuel Gompers Trades School.

Complete bids were:
 Rosenberg Bros., \$55.
 West Construction Co., \$545.
 Sibley Grading & Teaming Co. Ltd., \$585.

Chas. L. Harney, \$1,263.
 Director A. D. Wilder recommended to PWA that contract be awarded low bidder.
 (1140) 1st rep. Dec. 1, 1938. * 15

CORRECTION

Bids Wanted—To Close December 22, 8 P. M.

EXCAVATION

VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts.
 Excavation work for new Lincoln School.

Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.

Specifications may be obtained from the office of the Superintendent of Schools at M. G. Vallejo Junior High School, Amador and Illinois Sts., Vallejo, upon deposit of \$10. Bids will be opened in the Superintendent's office.

Bid opening date previously reported in error.

CORRECTION

Bids Wanted—To Close December 22, 8 P. M.

EXCAVATION

VALLEJO, Solano Co., Calif., Amador and Nebraska Sts.

Excavation for science building and girls' gymnasium at the Vallejo Senior High School.

Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.

Specifications may be obtained from the office of the Supt of Schools, at M. G. Vallejo Junior High School, Amador and Illinois Sts., Vallejo, upon deposit of \$10. Bids will be opened in the Superintendent's office.

Plans for construction of the science bldg. and girls' gym are now in Sacramento awaiting approval of the State Division of Architecture. Bid opening date previously reported in error.

BIDS OPENED

SAN FRANCISCO. — Rosenberg Bros., 58 Marlin St., at \$437.50 submitted low bid to the Dept. of Public Works, City Hall, for preliminary grading of the Auditorium site at Marina Junior High School, Fell and Bay Streets.

Complete bids follow:
 Rosenberg Bros., \$437.50.
 West Construction Co., \$440.
 Chas. L. Harney, \$734.

Director A. D. Wilder recommended to PWA that contract be awarded low bidder.
 (1190) 1st rep. Dec. 2, 1938. * 15

BIDS OPENED

SAN FRANCISCO.—Eaton and Smith, 715 Ocean Ave., at \$42,291 submitted low bid to the Dept of Public Works, City Hall, for construction of Mission High School Athletic Field, 18th St. bet. Dolores and Church Sts.

Complete bids were:
 Eaton & Smith, \$42,291.
 De Luca & Son Inc., \$47,900.
 West Construction Co., \$48,735.
 C. C. W. & H. H. Haun, \$48,982.
 Sibley Grading & Teaming Co. Ltd., \$49,400.

Chas. L. Harney, \$55,700.
 Director A. D. Wilder recommended to PWA that contract be awarded low bidder.
 (1141) 1st rep. Dec. 1, 1938. * 15

December 12, 1938

CONTRACT AWARDED

SAN FRANCISCO.—Sibley Grading and Teaming Co., Ltd., Ocean and Phelan Aves., at \$5,875 awarded contract by the Dept. of Public Wks, City Hall, for grading the site of Abraham Lincoln High School Block Bounded by 22nd, 24th Avenues, Quintara and Sanlago Streets.
 (1100) 1st rep. Nov. 28; 2nd, Dec. 8, 1938. * 15

Bids Wanted—To Close December 20, 2 P. M.

SCHOOL BLDG. Cost \$40,000
 SACRAMENTO, Sacto Co., Calif.
 Construction of addition at El Dorado Elementary School.

Owner—Sacto. City Unified School Dist., (Chas. C. Hughes, Secy.).
 Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction. Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be received until 2 P.M., Dec. 20, and opened at 8 P. M., of that date in the office of the Board of Education, Administration Bldg., 21st and L Sts., Sacramento.
 (730) 1st rep. Sept. 23; 2nd, Nov. 28, 1938. * 15

BIDS WANTED

ALBANY Ala. Co., Calif.—Until Dec. 21, 7 P. M., bids will be received by the City of Albany, Leon R. Hess, Director, for furnishing and installing equipment and furniture and metal lockers in the Fourth Unit to the High School Building located at Garfield Avenue and Key Route Blvd., Albany.

Plans and specifications may be obtained from the office of the Architects, Dragon & Schmidts, 2068 Allston Wav. (Room 205), Berkeley, upon deposit of \$25, returnable.

Bids must be accompanied by certified check, cashier's check or bid bond for 5% of bid and will be opened in the office of the Board of Education, 1009 Santa Fe Avenue, Albany.
 (1197) * 15

Bids Wanted—To Close December 20, 2 P. M.

GYM ANNEX Cost \$25,000
 SACRAMENTO, Sacto. Co., Calif.
 Sacramento Main High School. One-story frame and stucco gymnasium annex to contain three classrooms.

Owner Sacramento City Unified School District, (Chas. C. Hughes Secy.).
 Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Plans and specifications may be obtained from the architects office upon deposit of \$25.

Bids will be received until 2 P.M., Dec. 20 and opened at 8 P. M., of that date in the office of the Board of Education, Administration Bldg., 21st and L Streets, Sacramento.
 (1194) * 15

BIDS OPENED

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at \$490 submitted low bid to the Dept. of Public Works, City Hall, for preliminary grading for gymnasium and cafeteria site for the Horace Mann Junior High Sch., Valencia, 23rd and Bartlett Sts.

Complete bids were:
 Sibley Grading & Teaming Co., Ltd., \$490.
 West Construction Co., \$580.
 Chas. L. Harney, \$973.

Director A. D. Wilder recommended to PWA that contract be awarded low bidder.
 (1153) 1st rep. Dec. 5, 1938. * 15

Bids Opened

FOUNDATIONS
 DAVIS, Yolo County, Calif.
 Foundations for the Library-Administration Bldg., to replace the old Classroom Bldg., on the Davis Campus of the University of California; est. cost of bldg. \$275,000.

Owner—Rerents of the University of California, Berkeley.
 Architect—Starks & Flanders, Bank of America Bldg., Sacramento; W. C. Hays, Consulting Architect, Berkeley.

Low Bidder—Azevedo Constr. Co., 920 O St., Sacto, \$28,649.

Complete bids were:
 Azevedo Construction Co., Sacramento \$28,649
 D. W. Nicholson, Oakland 31,998
 O. J. Scherer, Angels Camp 32,223
 Villadsen Bros., Inc., Berkeley 33,000
 E. T. Lesure, Oakland 36,142
 Bids held under advisement pending meeting of the Regents Friday night.

Bids Opened

PRESS BLDG.
 BERKELEY, Alameda Co., Cal. University of California Campus (Oxford and Center Sts.)
 Three-story University Press Bldg. to house press and printing plant. Owner—Regents of the University of California.

Architects—Masten & Hurd, 442 Post St., San Francisco.
 Engineer—Roscoe Weaver, Berkeley.
 Low Bidder—Dinwiddie Constr. Co., Crocker Bldg., San Francisco, \$243,650.

Complete bids were:
 Dinwiddie Constr. Co., San Francisco \$243,650
 K. E. Parker Co., San Francisco 248,940
 H. J. Christenson & W. E. Lyons Constr. Co., Oakland, 258,621
 P. I. Walker, San Francisco 261,800
 Bids held under advisement pending meeting of the Regents Friday night.

Bids Opened

PAVILION
 SAN FRANCISCO. University of California Hospital, Medical Center, Second Ave. and Parnassus. Construction of dental X-ray pavilion.

Owner—Regents of the University of California, Berkeley.
 Engineer—W. P. Stevenson, University of California, Berkeley.
 Low Bidder—D. L. Bienfeld, 834 30th

Ave., San Francisco, \$16,889.
 Complete bids were:
 D. L. Bienfield, San Francisco, \$16,889; 120 days.
 Albert E. Mangs & Associates, San Francisco, \$17,660; 120 days.
 DeLuca & Son, Inc., San Francisco, \$18,700; 150 days.
 Frank J. Reilly, San Francisco, \$18,821; 125 days.
 M. B. Rogers, Oakland, \$18,989; 110 days.
 Fred J. Early, Jr., San Francisco, \$19,246; 150 days.
 Miller Construction Co., San Francisco, \$19,628; 110 days.
 Alfred J. Hopper, San Francisco, \$20,484; 120 days.
 Bids held under advisement pending meeting of the Regents Friday night.

CONTRACT AWARDED

PRESCOTT, Ariz.—W. T. Williams & Son, Phoenix, awarded contract at \$28,697 for construction of an addition to the Miller Valley school and for alterations to the manual training bldg. at the Washington school in Prescott, a PWA project. 15

16—BANKS, STORES AND OFFICES**Preparing Working Plans**

STORE BUILDING
 OAKLAND, Ala. Co., Calif., San Pablo Ave.
 One-story frame store building, (45 x90-ft.).
 Owner—Withheld.
 Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Contract Awarded

RESTAURANT Cont. Pr. \$11,600
 SAN JOSE, Santa Clara Co., Calif.
 One-story brick restaurant building (40x85-ft.)
 Owner—Carmine Citrigno, c/o Arch. Architects—Higgins & Reed (Chester Root, Architect), Security Bldg., San Jose.
 Contractor—Vincent Maggio, 452 N. 15th St., San Jose.

Sub-Contracts Awarded

STORE Cost, \$13,000
 SANTA ROSA, Sonoma Co., Cal. "A" and Third Streets.
 One-story reinforced concrete store building (60x80-ft.)

Owner—Henry Fick, c/o Contractor.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Contractor—Wm. D. Rapp, 517-A 4th Street, Santa Rosa.

Plumbing—George Mitchell, 513 3rd St., Santa Rosa.

Electric Wiring—Karl F. Stolting, 1067 4th St., Santa Rosa.

Sheet Metal—Edward F. Holtz Sheet Metal Works, 411 3rd St., Santa Rosa.

Tile Work—Wm. Moody, 629 Fifth St., Santa Rosa.

Lumber—Henry Laws Co., Eighth and Wilson, Santa Rosa.

Painting—Sulberg & Son, 606 Spencer, Santa Rosa.

Trusses—Summerbell Roof Structures 354 Hobart St., Oakland.

Low Bidder

STORE BLDG.
 OAKLAND, Alameda Co., Cal. San Pablo Avenue.
 One-story concrete Class C store building (47x105-ft.).
 Owner—Withheld.
 Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.
 Low Bidder—J. R. Armstrong, 834 E. 10th St., Oakland.

Completing Plans

STORE BLDG. Cost, \$14,000
 SAN FRANCISCO, NE cor. Sacramento St. and Presidio Ave.
 One-story frame store building, (35x-100-ft.)
 Owner—Martin Stelling, Jr.
 Architect—Earle Bertz, 681 Market Street.

Plans will be completed and sent out for bids to a selected list of contractors this Friday. Bids will be opened about Dec. 22.

Contract Awarded

STORE
 SAN FRANCISCO, NW Larkin and Bush Streets
 One-story Class C store building on site of old Lurline Baths Bldg.
 Owner—Safeway Stores, Inc.
 Engineer—Kaj Thell, 580 Market St.
 Contractor—John S. Malloch, 666 Mission St.
 (783 1st rep. Nov. 25; 2nd, Nov. 30, 1938. • 16

CONTRACT AWARDED

LOS ANGELES, Calif.—Otis Elevator Co., 300 8th St., Los Angeles, awarded contract for furnishing and installing 4 passenger elevators, 1 combination passenger and freight elevator and 1 freight elevator in the Class A department store to be built at Wilshire Blvd. and Fairfax Ave., Los Angeles, for the May Co. Albert C. Martin, architect, 233 Higgins Blvd., Los Angeles. 16

17—THEATRES

Contract Awarded
 ALTER THEATRE Cost, \$18,000
 FRESNO, Fresno Co., Calif. 1455 Fulton Street.
 Alterations and repairs to Fox Wilson Theatre.
 Owner—Fox West Coast Theatres, Inc., San Francisco.
 Architect—Not Given.
 Contractor—Alf. J. Hopper, 243 Langton St., San Francisco. • 17

18—WHARVES & DOCKS

Contract Awarded
 PILING & TIMBER WORK
 Contract Price, \$214,160
 PORT OF SEATTLE, Wash. Pier 40, Smith's Cove Terminal.
 Piling and timber work.
 Owner—Port of Seattle Commission, Smith M. Wilson, Secy., 406 Bell Street Dock, Seattle.
 Plans by Engr. Dept. of Owner.
 Contractor—Manson Const. & Engr. Co., Canadian National Dock, Seattle. 18

19—MISC. CONSTRUCTION**CONTRACT AWARDED**

VENTURA, Ventura Co., Calif.—Gates & Huntley, 2020 Hyperion Ave., L. A., awarded contract by City of San Buenaventura, at \$119,774, for constructing and equipping a four-story, reinf. concrete water treatment plant on Ventura-Ojal Road, 6 miles north of the city, a PWA project. Taylor and Taylor, engineers, 728 S. Spring St., Los Angeles. Construction will start Dec. 27. 19

Construction Underway

FREIGHT TERMINAL. Cost, \$200,000
 SAN FRANCISCO, W. Spear Street, 137 ft. N. of Bryant St.
 Two-story reinf. concrete freight terminal
 Owner—Atchison, Topeka and Santa Fe Railway Co.
 Plans by Engr. Dept. of Owner.
 Contractors—Lindgren & Swinerton, Inc., Standard Oil Bldg.

First unit of foundation work is now underway.

TO ASK BIDS SHRTLY

BONNEVILLE, Ore.—J. D. Ross, Bonneville Administrator, Bonneville Oregon, advises that bids for installation of lines and substations to transport electricity to Washington will be called within 60 days. Estimated cost of work, \$3,000,000; cost of materials, \$7,000,000. 19

BIDS WANTED

BOULDER CANYON PROJECT—Until Jan. 3, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Federal Yuma, Arizona, under Spec. No. 1159-D, for the preparation of concrete aggregates near station 116 of the All-American canal, All-American canal system, Boulder Canyon project, Arizona-California-Nevada. The work is located near Yuma, Ariz.

Work involves:
 (1) 11,000 cu. y. of stripping;
 (2) preparing and stock-piling 46,000 cu. y. of sand;
 (3) preparing and stock-piling 65,000 cu. y. of gravel in three sizes;
 Plans and specifications may be obtained from the above office or from Denver, Colorado, no charge to prospective bidders; to others, \$0.25, not returnable. • 19

BIDS OPENED

SAN FRANCISCO.—Bethlehem Shipbuilding Corp., Ltd., 20th and 728 submitted low bid to the Superintendent of Lighthouses, H. W. Rhodes, Room 424, Custom House, San Francisco, for drydocking, cleaning, repairing and painting the Lighthouse Tender "Sequola."

Bids were taken as follows:
 (1) remove old boilers, install two new water tube boilers, etc.;
 (2) install water tanks, bulwark rails, crane repairs, etc.
 (3) general repairs;
 (4) total, necessary items;
 (5) grand total including optional items.

Complete bids follow:

(A) Bethlehem Shipbuilding Corp., Ltd., (1) \$27,317; (2) \$10,561; (3) \$4,603; (4) \$42,481; (5) \$47,728.
 (B) Lake Washington Shipyard, Seattle, Wash., (1) \$25,525; (2) \$13,690; (3) \$5,494.25; (4) \$44,709.25; (5) \$48,834.25.
 (C) General Engineering & Drydock Co., Oakland, (1) \$24,737; (2) \$16,942; (3) \$5,989; (4) \$47,668; (5) \$52,579.40.
 (D) Moore Dry Dock Co., Oakland, (1) \$31,000; (2) \$15,770; (3) \$6,620; (4) \$53,400; (5) \$57,582.

Bids were taken under advisement. • 19

20—MISC. SUPPLIES AND MATERIALS**BIDS WANTED**

DENVER, Colo.—Until Jan. 10, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 817, for furnishing and delivering two 287.5-kilovolt, 1200-ampere, oil circuit breakers; five 287.5-kilovolt, 1200-ampere disconnecting switches; and two 287.5-kilovolt, 3-phase, lightning arresters for installation in the City of Los Angeles switchyard and in the powerhouse roof at the Boulder power plant, Boulder Canyon project, Arizona-California-Nevada; for shipping point and/or Boulder City, Nevada. All of the apparatus will be assembled and installed by the Government.

Plans and specifications may be obtained from the above office; no

charge to prospective bidders; to others, \$1.50, not returnable. * 20

BIDS OPENED

YERBA BUENA SHOALS.—Fred E. Turner Co., 557 Market St., San Francisco, at \$3.26 each, submitted low bid to the State Purchasing Agt., Sacramento, for 3,372 opera chairs for the California Commission Bldg., Yerba Buena Shoals; Quot. 27870; Req. 866.

Complete bids were:	each
Fred E. Turner Co.	\$3.26
F. A. Mills Co.	3.36
Heywood-Wakefield Co.	3.43
J. W. Fricke Co.	3.43
Rucker - Fuller Co.	3.49
Gruel-Wilcox Co.	3.60
American Seating Co.	3.65
W. G. Preddy	3.87
Gill-Mann Co.	4.10

BIDS WANTED

PETALUMA. Sonoma Co., Calif.—Until Dec. 19, 7:30 P. M., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, for the sale to the City of Petaluma of the following materials required in the work of improving "E" Street between Third St. and Eighth St. by the construction of concrete curbs and gutters and 38 driveways:

- (1) Approximately 900 cloth sacks of 35 lb. cement;
- (2) Approximately 400 tons coarse aggregate;
- (3) Approximately 300 tons fine do. Plans and specifications may be obtained from the above office. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$0.888 per ton, awarded contract by the Oakland Port Commission, foot of Grove St., Oakland, for 10,000 tons of crushed rock for Oakland Airport. * 20

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1107, for furnishing concrete reinforcement bars.

Total bids follow:	
Herrick Iron Works	\$2,135.87
Gilmore Fabricators, Inc.	2,145.56
Bethlehem Steel Co.	2,159.44
Geo. R. Bormann Steel Co.	2,305.51
A. M. Castle & Co. Steel Pro.	2,364.82
Pacific Steel Sales Co., Ltd.	2,781.41

BIDS OPENED

OAKLAND, Calif.—Neptune Meter Co., 320 Market St., San Francisco, at \$2,956.40 submitted the only bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 1109, for furnishing register box, main casing, flange end, gear piston with thrust roller complete, gasket, brass ring, stuffing box, etc.; fob Oakland. * 20

BIDS OPENED

YAKIMA PROJ., Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1148-D, for furnishing and delivering one set of liners for the lower cylinder gate openings in the outlet works at the Cle Elum Dam, Yakima Project, Wash.; fob shipping point and/or Roslyn, Wash. Materials will be installed by the Government.

Total bids follow:
Valley Iron Works, Inc., Yakima, Wash., \$3610; 5% 30 days; fob Ta-

coma.

Enterprise Foundry Co., San Francisco, \$3300; net; fob San Francisco. Treadwell Engr. Co., Easton, Pa., \$1700; ½ of 1% 30 days; fob Easton. Continental Roll & Steel Foundry Co., Pittsburgh, Pa., \$4550; net; fob East Chicago, Ind.

Washington Iron Works, Seattle, \$2844; ½ of 1% 30 days; fob Seattle. Commercial Iron Works, Portland, \$3445; ½ of 1% 30 days; fob Portland.

Pacific Car & Foundry Co., Seattle, \$2630 net; fob Renton, Wash. Omaha Steel Works, Omaha, Neb., \$5410; ½ of 1% 30 days; fob Omaha.

Kilby Steel Co., Inc., Anniston, Alabama, \$3116.54; ½ of 1% 30 days; fob Anniston.

St. Paul Foundry Co., St. Paul, Minn., \$3979; net; fob St. Paul.

Columbia Steel Casting Co., Portland, \$3677.70; ½ of 1% 30 days; fob Portland.

Smith Corp., d/b/a General Iron & Steel Works, Portland, \$3962; net; fob Portland.

H. R. L. Motor Co., Seattle, \$1390; net; fob Seattle. * 20

BIDS WANTED

COLORADO-BIG THOMPSON PROJECT.—Until Dec. 30, 2:00 P.M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1160-D, for furnishing and delivering structural steel for one steel warehouse at Granby, Colorado. Colorado-Big Thompson project, Colorado; f.o.b. shipping point and/or Granby, Colo. The building will be approx. 55 ft. 2 inches by 142 ft. 2 inches in size. The concrete foundations will be constructed and the building will be erected by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75, not returnable. * 20

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 27, 2 P. M., bids will be received by the Los Angeles Water and Power Purchasing Agt for galvanized steel strand for overhead ground wire; Spec. 2847, as follows:

- (1) 820,000 ft. ½-in. extra galv. or "Bethanized" high strength steel wire strand; fob cars, on 20,000-ft. reels:
 - (a-1) 200,000 ft. Roscoe;
 - (a-2) 140,000 ft. Vincent;
 - (a-3) 240,000 ft. Harold;
 - (a-4) 240,000 ft. Victorville;
 - (b) 1 820,000 ft. bidder's factory;
- (1-alt.) 820,000 ft. steel wire strand, same as above but on 5000-ft. reels, (a-1) (a-2) (a-3) (a-4) or (b) as above;
- (2) 1,980,000 ft. ½-inch extra galv. or "Bethanized" high strength steel wire strand; fob cars, on 20,000-ft. reels:
 - (a-1) 180,000 ft. Victorville;
 - (a-2) 260,000 ft. Daggett;
 - (a-3) 160,000 ft. Harvard;
 - (a-4) 240,000 ft. Dunn;
 - (a-5) 400,000 ft. Silver Lake;
 - (a-6) 460,000 ft. Roach, Nev.;
 - (a-7) 280,000 ft. Boulder City.
 - (b) 1,980,000 ft. bidder's fcty.;
- (2-alt.) 1,980,000 ft. steel wire strand same as above, except on 5000-ft. reels: (a-1) (a-2) (a-3) (a-4) (a-5) (a-6) and (a-7) or (b) as above. * 20

COMPLETE BIDS.

OAKLAND, Calif.—As previously reported, following submitted bids to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1107, for furnishing concrete reinforcement bars.

Total bids follow:

Herrick Iron Works, \$2139.87; net. Gilmore Fabricators, Inc., \$2145.56, less ½ of 1% for payments as specified by bidder.

Geo. R. Bormann Steel Co., \$2,306.51; do.

Bethlehem Steel Co., \$2189.44; do.

A. M. Castle & Co., \$2364.82; do.

Beatie Steel & Supply Co., Inc., \$2540.23; do.

Pacific Steel Sales Co., Ltd., \$2,781.41; ½% 10th prox. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2124, for furnishing concrete meter boxes, frames and lids for the San Francisco Water Department for the term ending Dec. 31, 1939.

Bids were:
Geo. P. Forni Mfg. Co., at \$1.15 (boxes); \$2.16 (frames); \$0.51 (concrete lids); 2% 10 days.

Art Concrete Works, at \$1.07 (boxes); \$2.00 (frames); \$0.51 (lids for art boxes); \$0.46 (lids for No. 2 art box. * 20

BIDS OPENED

CENTRAL VALLEY PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1147-D for furnishing and delivering telephone apparatus for use at the Government camp at the Friant Dam, Central Valley Project, Calif.; fob shipping point and/or Friant. Apparatus will be installed by the Government.

Bids were:
Kellogg Switchboard & Supply Co., Chicago, at \$1,430.00; net; fob Chicago.

American Automatic Elec. Sales Co., Cehicago, at \$2,077.00; net; fob point not given. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Haviside Co., 56 Steuart St., San Francisco, at \$273, discount 2% 30 days, awarded contract by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-39-161 for furnishing 1000 feet ¾-in. wire rope f.o.b. Ft. Cronkhite.

Identical bids at \$273, 2% 30 days, submitted by Haviside Co., Fred E. Barnett Co., Harron-Rickard and McCone, Wickwire Spencer Steel Co., John A. Roelings Sons Co. of California, E. H. Edwards Wire Rope Co., American Chain & Cable Co., A. Leschen & Sons Rope Co., and Macworthy Co. * 20

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 20, 2:00 P. M., bids will be received by the L. A. Water & Power Purchasing Agent for one 60,000 kva, 13,800-volt, 60-cycle, 3-phase, hydrogen-cooled synchronous condensers, complete with auxiliaries. Spec. 2844. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

SIGN, electric, \$400; 1212 Franklin St., Oakland; owner, Marios; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, metal, \$15; 2372 Telegraph Ave., Oakland; owner, Saunders & Alexander, 2372 Telegraph Ave.

GARAGE, \$150; 593 41st St., Oakland; owner and builder, V. L. Brown, 593 41st St.

BILLBOARD, \$100; N. Moss 150 ft. W Howe St., Oakland; owner & builder, Foster & Kleiser, 22nd and Market Sts.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Exceva.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Fire Alarm Sys.	35.—Tunnels
27.—Fire Equipment	
28.—Streets & High ways	

21— BRIDGES

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Tanner Const. Co., P. O. Box 1832, Phoenix, at \$5,989 awarded contract by the Arizona State Highway Commission, Phoenix, for reconstructing the floor of the 3-span bridge over San Pedro River at Benson, on the Benson-Stains Pass Highway Non-FA AFE 8611, and is to be completed on or before Dec. 31, 1938. * 21

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until Dec. 19, 2 P. M., bids will be received by the Mendocino County Board of Supervisors, H. M. Burke, Clerk, Court House, Ukiah, for the construction of a bridge located in Mendocino County.

Plans and specifications may be obtained from the above office upon the deposit of \$15, returnable. * 21

CONTRACT AWARDED

STANISLAUS COUNTY, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$24,044.00 awarded contract by the State Division of Highways, Sacramento, for the construction of a steel beam overhead structure with concrete deck across the tracks of the Southern Pacific Railroad and about 0.3 mile grading and paving with Portland cement concrete and asphalt concrete about 0.4 mile south of Turlock in Stanislaus County. * 21

BIDS WANTED

MERCED COUNTY, Calif.—Until Dec. 29, 1:30 P. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, Stockton, for redecking and widening a bridge across Fresno River, about 17.4 miles east of Los Banos, District X, Route 32. Section C, Merced County

Work involves:

- (1) 1 lot removing superstructure of existing bridge;
- (2) 6 sta. clearing and grubbing;
- (3) 55 M gal. water;
- (4) 10 c.y. struc. excav.;
- (5) 1,900 c.y. imported borrow;
- (6) 6 sta. finishing roadway;
- (7) 390 tons untreated crushed gravel or stone surf.;
- (8) 190 tons mineral aggreg (plant mixed surf.);
- (9) 10 tons liq. asph., ROMC-3, 4, or 5 (plant mixed surf.);
- (10) 1 ton liq. asph., MC-2 (prime coat);
- (11) 4 tons liq. asph., SC-2 (penetration oil treat.);
- (12) 1 ton asphaltic emulsion (seal coat and paint binder);

- (13) 10 tons screenings (seal coat);
- (14) 47,000 lbs. bar reinf. steel;
- (15) 305 c.y. Class "A" Port. cement concrete;
- (16) 7,700 lbs. misc. iron and steel;
- (17) 450 lf. timber railing;
- (18) 182 lf. temp. railing;
- (19) 112 each, cinch anchors;
- (20) 2 each, portable barricades;
- (21) 1 lot misc. items of Work.

Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SAN BERNARDINO CO., Calif.—As previously reported, until January 5, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge across San Antonio Wash and about 0.2 mile of grading and paving with asphalt concrete about one-eighth mile east of Los Angeles County line (VIII-SBD-26-C), San Bernardino County.

Work involves:

- (1) 260 c.y. remove conc.;
- (2) 185 M. gals water;
- (3) 2,200 c.y. roadway excav. without class;
- (4) 2,000 c.y. struc. excav.;
- (5) 5,100 c.y. import. borrow;
- (6) 3,700 sq. yds. prepar. subgrade;
- (7) 11 sta. finish roadway;
- (8) 3,000 sq. yds. prepar. mix and shape shoulders;
- (9) 40 tons liq. asph. SC-2 road mix surf. treat.;
- (10) 1,700 sq. yds. asph. plant binder;
- (11) 1,725 tons asph. conc.;
- (12) 193,000 lbs. bar reinf. steel;
- (13) 1,152 c.y. Class A Port. cement conc. struc.;

- (14) 11 c.y. Class A Portland cement concrete railing;
- (15) 630 lbs. misc. iron and steel;
- (16) 1 lot temporary barricades;
- (17) 200 sq. yds. rock and wire bank protection;
- (18) 22 c.y. class A Port. cem. conc. slope paving and cut-off wall;
- (19) 464 lf. 24-inch CMP;
- (20) 24 lf. remove, clean and salvage culvert pipe;
- (21) 130 c.y. Class A Port. cem. conc. curbs, sidewalks and driveways;
- (22) 4 each monuments;
- (23) 5 sta. remove traffic stricks;
- (24) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 21

LOW BIDDER

FRESNO COUNTY, Calif.—F. Frenenberg, P. O. Box 373, South San

Capital City
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

Francisco, at \$11,684.00, submitted low bid to the State Division of Highways, E. Scott, District Engineer, District VI, Fresno, for five bridges to be repaired across San Joaquin River Overflow, about eight miles east of Mendota (VI-Fre-41 P), Fresno County. * 21

22— DREDGING WORKS, EXCAVATION

December 15, 1938

CONTRACT AWARDED

CLARK COUNTY, Wash.—General Const. Co., at \$169,342.50 awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-29-51, for dredging a channel 300 ft. wide and 15 ft. deep at low water in Columbia river between Interstate Bridge at Vancouver, Wash., and Camas, Wash., a distance of about 13 miles. Work involves: 1,743,000 c.y. dredging and disposal of dredge material. * 22

BIDS WANTED

LINCOLN COUNTY, Ore.—Until Dec. 28, 3 P. M., bids will be received by the U. S. Engineer Office, 628 Pittcock Block, Portland, under Bid No. 698-39-284, for excavation in connection with improvement of the entrance and inner harbor at DePoe Bay, Lincoln Co., Ore.

Work involves:

- Section I—Entrance Channel**
- (1) 255 c.y. excavation and disposal of sand, gravel, boulders, and solid rock to required depth and side slopes;
 - (2) 95 c.y. sand, gravel, boulders and solid rock in overdepth and side slope allowance, at one-half the unit price bid for Item 1.
- Section II—Inner Basin**
- (3) 10,267 c.y. excavation of mud, sand, gravel, boulders and solid rock to required depth and side slopes;
 - (4) 1,405 c.y. mud, sand, gravel, boulders and solid rock in overdepth and side slope allowance, at one-half the unit price bid on Item 3.

Plans and specifications may be obtained from the above office. * 22

CONTRACT AWARDED

COOS COUNTY, Ore.—Kern and Kibbe, Portland, Oregon, at \$622,884, awarded contract by the U. S. Engineer Office, District Engineer, 628 Pittcock Block, Portland, under Bid No. 698-39-202, for repairing the north jetty at the entrance to Coos Bay, requiring the construction of tramways, and the furnishing and placing of about 225,000 tons of jetty stone and 2030 c.y. of cement concrete, Coos County, Oregon. * 22

BIDS OPENED

LOS ANGELES, Calif.—Hydraulic Dredging Co., Ltd., 1225 Central Bank Bldg., Oakland, submitted the low bid to the U. S. Engineer, Los Angeles, at \$417,545, or 9,256 c.y., for dredging 4,514,000 c.v. material in San Diego Harbor; Invt. 182. The work is located adjacent to and north of existing turning basin and main bay channel in north part of San Diego Bay and consists of furnishing all plant, labor and materials for dredging to a depth of 35 ft. below mean lower low water in an area 1200 ft.

wide by 3600 ft. long, and depositing the dredged material in the area about 240 acres in extent situated east and south of the U. S. Marine Corps Base.

Funds available for payment to contractor amount to \$460,000.

The other bids were:
Standard Dredging Co., 9.965c, total, \$449,820.10.

American Dredging Co., 10.62c, total, \$479,386.80.

San Francisco Bridge Co., 12.8c, total, \$577,792.08; Alt., based on the award of the entire work, A. B. C. and D, 11.84c, total, \$534,457.60.

W. E. Callahan Const. Co., Los Angeles, 16.5c, total, \$744,810.

Case Const. Co., 33c, total, \$1,489,-620.

Engineer's estimate, 10.32c, total, \$466,040. * 22

CONTRACT AWARDED

BOISE PROJECT, Idaho.—Henry L. Horn, Caldwell, Idaho, at \$12,527-50 awarded contract by the U. S. Bureau of Reclamation, Boise, under Spec. No. 1133-D, for construction of earthwork, Black Canyon canal lateral 24.8 to 26.2 and "A"-line canal laterals 2.0 to 9.4, Payette Division, Boise, Project, Idaho. * 22

CONTRACT AWARDED

SEATTLE, Wash.—Puget Sound Bridge and Dredging Co., 2929 16th Avenue, S. W., Seattle, at \$68,089.20 (\$0.138 per c.y.) awarded contract by the U. S. Engineer Office, 754 Central Building, Seattle, for dredging about 493,400 c.y. materials in Olympia Harbor, Wash. * 22

23— CANALS

BIDS OPENED

ORANGE COUNTY, Calif.—Oberg Bros., 6024 Miramonte Blvd., Los Angeles, at \$13,495.00 submitted low bid to the State Highway Department, Los Angeles, for construction of reinforced concrete channel protection in Orange County at Brea Canyon, about 5 miles northeast of Fullerton (VII-Ora-19-A). The work involves:

- (1) 300 c.y. struc. excav.
- (2) 2,000 c.y. ditch and channel excavation;
- (3) 1,600 c.y. backfill;
- (4) 48,000 lbs. bar reinf. steel;
- (5) 300 c.y. Class A Portland cement concrete (struc.);
- (6) 190 c.y. do (slope paving and invert slab);
- (7) 1 lot misc. items of work.

Total bids follow:
(A) Oberg Bros., Los Angeles, \$13-495.00.

(B) Vido Kovacevich, South Gate, \$13,565.00.

(C) R. M. Price, South Gate, \$14,405.

(D) Edward Green, Los Angeles, \$11-710.00.

(E) R. H. Liggett, Lynwood, \$16,350.

(F) J. E. Haddock, Ltd., Pasadena, \$16,550.00.

(G) Everts & Dunn, Los Angeles, \$18,910.00.

(H) Contracting Engineers Co., Los Angeles, \$22,830.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 3.00	1.50	1.00	\$ 3.00
(2).....	.50	.85	.50	1.00
(3).....	.25	.85	.80	.50
(4).....	.05	.045	.06	.05
(5).....	18.00	15.00	20.00	18.00
(6).....	18.00	12.00	12.50	14.00
(7).....	500.00	1200.00	500.00	300.00

	(E)	(F)	(G)	(H)
(1).....	\$ 6.00	\$ 2.50	2.00	\$10.00
(2).....	.90	1.50	1.00	.80
(3).....	1.25	.50	.50	1.00
(4).....	.045	.05	.05	.06
(5).....	19.50	20.00	27.00	35.00
(6).....	14.50	15.00	14.00	15.00
(7).....	100.00	800.00	2400.00	500.00

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until Dec. 23, 3:00 P. M. bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the construction of concrete lining, concrete pipe, and concrete structures, in the canals and service ditches of the Modesto Irrigation District.

Plans and specifications may be obtained from the above office. * 23

CONTRACT AWARDED

LOS ANGELES CO., Calif.—R. E. Hazard & Sons, P. O. Box 1510, San Diego, at \$28,511.75, awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surface (Type B-1) on 12,509 miles of Section A, B, C, D and E of Route 61, the Angeles Crest National Forest Highway, Los Angeles County. * 23

BIDS WANTED

YAKIMA, PROJECT, Washington.—Until Jan. 9, 10:00 A. M. bids will be received by the U. S. Bureau of Reclamation, Yakima, Washington under Spec. No. 815, for the construction of a earthwork, canal lining, and structures, station 1952 to station 2387, Yakima Ridge canal, Roza division, Yakima project, Washington. The work is located near Yakima, Washington.

Work involves:

- (1) 661,750 c.y. of all classes of excavation for canal;
 - (2) 50,000 c.y. of excavation for core banks;
 - (3) 115,000 sta. c.y. of overnaul;
 - (4) 11,125 c.y. of excav. for struc;
 - (5) 1,050 c.y. of excav. for drainage channels and dikes;
 - (6) 24,500 c.y. of compacted embankment;
 - (7) 2,600 sq. yds. of preparing rock foundations for conc. lining;
 - (8) 59,000 sq. yds. of trimming earth foundations for conc. lining;
 - (9) 15,000 c.y. of earth lining of canal;
 - (10) 1,200 c.y. of gravel blanket on inside slopes of canal embankments;
 - (11) 36,900 c.v. of backfill about structures;
 - (12) 8,445 c.y. of concrete in struc.;
 - (13) 6,800 c.y. of conc. in canal lining;
 - (14) 1,000 sq. yds. of dry-rock paving;
 - (15) Placing 2,527,000 lbs. of reinf. bars;
 - (16) Constructing 13,300 linear feet of 6-inch diam. underdrains with uncemented joints;
 - (17) Laying 500 linear fet of 6-inch diam. sewer pipe with cemented joints;
 - (18) Laying 955 linear feet of 12-in. to 36-in. diam. conc. pipe and
 - (19) Installing 6,900 lbs. of gates and blow-off valves and connections.
- Plans and specifications may be obtained from the above office: from Denver, Colorado; and from Washington, D. C.; no charge to prospective bidders; to others, \$1.50, not returnable. * 23

BIDS OPENED

YAKIMA PROJECT, Wash.—J. A. Terteling and Sons, Box 1406, Boise, Idaho, at \$448,325 (Sched. 1 and 2), submitted low bid to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 813, for the construction of earthwork, tunnels, canal lining, and structures, station 1641 plus 15 to station 1952 plus 09, Yakima

Ridge canal, Roza division, Yakima Project, Wash.

Complete bids follow:
Schedule 1—Terteling and Sons, \$247,235; Barnard-Curtis Co., Minneapolis, \$300,560; H. J. Adler and H. C. Adler, Yakima, \$335,801; L. Romano Engineering Co., 1300 Dearborn, Seattle, \$377,060; Natt McDougall, Sherlock Bldg., Portland, \$293,777.

Schedule 2—Terteling and Sons, \$201,099; T. E. Connolly, San Francisco, \$224,568; L. Romano Engineering Corp., \$247,467; Siemans Spokane Co., Realty Bldg., Spokane, \$248,349; Morrison-Knudsen Co., Yakima, \$265,061.

Complete bids, including unit prices, are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 23

24—STREET LIGHTING

BIDS WANTED

MERCED, Calif.—Until January 3, 8:00 P. M., bids will be received by the Merced City Council, W. T. Clough, City Clerk, City Hall, Merced, for installing automatic traffic signals at the intersection of 16th and M Streets.

Plans and specifications may be obtained from the office of the City Engineer, City Hall, Merced, upon the deposit of \$10. * 24

25— MACHINERY AND EQUIPMENT

BIDS OPENED

OAKLAND, Calif.—Fairbanks Morse & Co., Spear & Harrison Sts., S. F., at \$2,404.82, submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing and installing low list draining pump for Oakland Airport.

Total bids follow:
Fairbanks Morse & Co., San Francisco, \$2,404.82.

United Iron Works, Oakland, \$2,697 (not including sales tax).

John Bean Manufacturing Co., San Jose, \$2,989.00.

Byron Jackson Co., Berkeley, \$3,-467.75.

Kimball-Krough Pumps-Victor Equipment Co., San Francisco, \$3,558.96.

Simonds Machinery Co., San Francisco, \$3,707.00; alternate, \$3,-407.00. * 25

BIDS WANTED

MERCED, Merced Co., Calif.—Until January 9, 8 P. M., bids will be received by the Merced City Council, W. T. Clough, City Clerk, City Hall, for the installation of an automatic traffic signal at the corner of 16th and M Sts. Est. cost, \$2,364.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 21, 10:00 A. M., bids will be received by the State Bureau of Purchases, 911 12th St., Sacramento, for furnishing Dairy Equipment for the new Dairy Milk House f.o.b. Sonoma State Home, Eldridge.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Bid No. 1144-D, for furnishing and delivering (1) 23 radial gates; and (2) 23 radial gate hoists

for the New Briar Canal, All-American canal system, Boulder Canyon Project; fob shipping point and/or Calexico, Cal. Gates and gate bolsters will be installed by the Government. Complete bids follow:

Worden-Allen Co., Milwaukee: (1) \$14,479; fob Milwaukee; $\frac{1}{2}$ %.
Johnson Mfg. Co., Seattle: (2) \$22,552; fob Seattle.

Hansell-Elococ Co., Chicago: (1) \$13,712; (2) \$35,912; no motors included; no hoisting cables included except as shown on drawings; fob Chicago; $\frac{1}{2}$ %.

Hesse-Ersted Iron Works, Portland: (2) \$17,038; $\frac{1}{2}$ %; fob Portland.
Hunter Steel Co., Pittsburgh: (1) \$13,240; fob Neville Island, Pa.

International Engr. Inc., Dayton, Ohio: (2) \$17,215; fob Dayton; 1%.
Stearns-Roger Mfg. Co., Denver: (1) \$12,554; fob Denver.

American Bridge Co., Denver: (1) \$14,427; fob Gary, Ind.

Poote Bros. Gear & Machine Corp., Chicago: (2) \$17,750; fob Chicago.

Valley Iron Works, Inc., Yakima, Wash.: (2) \$17,800; fob Yakima; 5%.
Consolidated Steel Corp., Los Angeles: (1) \$14,587; (2) \$22,371; comb. bid, \$36,332; fob Los Angeles.

Smith Corp. (General Iron & Steel Works), Portland: (1) \$13,194; (2) \$15,991; fob Portland.

Ellicott Machine Corp., Baltimore Md.: (2) \$23,300; fob Baltimore.

Long Beach Iron Works, Long Beach: (2) \$17,540; fob Long Beach; disc. 2%.

Ogden Iron Works Co., Ogden: (1) \$16,086; (2) \$16,700; fob Ogden; 1%.

Berkeley Steel Const. Co., Berkeley: (1) \$12,625; fob Berkeley; $\frac{1}{2}$ %.

Pacific Iron & Steel Co., Los Angeles: (1) \$12,695; fob Los Angeles.

Lakeside Bridge & Steel Co., Milwaukee: (1) \$14,420; fob Milwaukee.

John W. Beam, Denver: (1) \$13,775; fob Chicago; $\frac{1}{2}$ %.

Thompson Mfg. Co., Denver: (1) \$18,690; $\frac{1}{4}$ %; fob Calexico.

Western Pipe & Steel Co. of Calif., Los Angeles: (1) \$14,100; fob Los Angeles.

Lake Shore Engine Works, Marquette, Mich.: (2) \$23,350; $\frac{1}{2}$ %.

R. C. Mahon Co., Detroit: (1) \$24,590; fob Detroit.

McKiernan-Terry Corp., New York City: (2) \$19,950; fob Dover, N. J.

Jos. D. Christian, San Francisco: (2) \$19,999; fob Calexico; 1%.

Pacific Coast Engr. Co., Oakland: (1) \$14,480; $\frac{1}{4}$ %; fob Oakland.

Southwest Welding & Mfg. Co., Alhambra: (1) \$16,129; 5%; fob Alhambra.

Telegraphic bids were received from Commercial Iron Works, Portland, and H. R. L. Motor Co., Seattle. * 25

BIDS WANTED

CENTRAL VALLEY PROJECT—Until Jan. 19, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 816, for furnishing and installing four 75,000-kva., unity-power-factor, 138 $\frac{1}{2}$ -r.p.m., 13,800-volt, 3-phase, 60-cycle, vertical-shaft, alternating-current generators for the Shasta power plant, Central Valley Project, California.

Plans and specifications may be obtained from the above office, from Washington, D. C., and from Sacramento, Calif., no charge to prospective bidders; to others, \$2.50, not returnable. * 25

CONTRACTS AWARDED

COLUMBIA BASIN PROJECT—Following awarded contracts by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 805, for furnishing and delivering embedded

metal work for anchorages for 11 drum gates at the Grand Coulee Dam, Columbia Basin Proj., Wash.; fob shipping point and/or Odair, Wash. Drum gate anchorages will be installed by the Government.

The Kilby Steel Co., Inc., Anniston, Ala., at \$66,112.00 was awarded the contract for furnishing anchor bolts and adjusting bolts for eleven drum gates.

The Stearns-Roger Mfg. Co., Denver, Colo., at \$36,251.00 awarded contract for supplying gate seats for eleven drum gates.

John W. Beam, Denver, at \$35,900 awarded contract for the structural steel anchorages for the gates. * 25

BIDS OPENED

BONNEVILLE, Oregon—Following submitt'd bids to J. D. Ross, Administrator, Bonneville Project, 1300 N. E. Union, Portland, Ore., under Bid No. 74, for (1) 2 type B towers; (2) 2 type C towers; (3) 5000 lbs. additional steel; f.o.b. bidder's shipping point and/or Bonneville.

Complete bids follow:
Hansell-Elococ Co., (3) \$275.00; total, \$38,500.00; f.o.b. Chicago, Ill.
Isaacson Iron Works, (1) \$35,480; (2) \$6,624.00; (3) \$350.00; total, \$42,454.00; f.o.b. Seattle, Wash.

Continental Bridge Co., (1) \$37,010.00, f.o.b. Chicago, Ill.; (2) \$44,526.00, f.o.b. Bonneville, Oregon; (2) \$7,022.00; f.o.b. Chicago, Ill.; \$8,448.00; f.o.b. Bonneville, Oregon; (3) \$298.00; f.o.b. Chicago, Ill.; \$358.00; f.o.b. Bonneville, Oregon; total, \$44,330.00; f.o.b. Chicago, Ill.; \$53,342.00; f.o.b. Bonneville, Oregon.

American Bridge Co., (1) \$40,102; (2) \$7,072.00; (3) \$34,000; total, \$47,514.00; all f.o.b. Pittsburgh, Pa.
Bethlehem Steel Co., (1) \$22,254.00; f.o.b. Leetsdale, Pa.; \$37,184.00; f.o.b. Bonneville, Ore.; (2) \$6,216.00; \$7,130; (3) \$285.00; \$326.00; total, \$38,755.00; \$44,640.00; f.o.b. points as above.

Lehigh Structural Steel Co.: (1) \$29,594.00; f.o.b. Allentown, Pa.; \$34,534.00; f.o.b. Bonneville, Ore.; (2) \$5,790.00; \$6,740.00; (3) \$265.00; \$306; total, \$35,649.00; \$41,580.00; f.o.b. points as above. * 25

BIDS OPENED

SAN FRANCISCO—Lerer Bros., 375 11th St., San Francisco, at \$144 per unit submitted low bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2122, for the rental of 8 3-yard dump trucks for use at San Francisco Airport, WPA project, Rock & Gravel Trucking Co., at \$224, submitted the only other bid. * 25

BIDS WANTED

BOULDER CANYON PROJECT—Until Jan. 3, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 818, for furnishing and delivering three 55,000-kva, 60-cycle, single-phase, oil-immersed, water-cooled, 16,320 to 166,000/287.500 Y-volt transformers for units A-1 and A-2 in the Boulder Power Plant, Boulder Canyon project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nevada. All of the apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.50, not returnable. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Pennsylvania Transformer Co., at \$6445 has awarded contract by U. S. Indian Irrigation Service, Los Angeles, for three 833 kva transform-

ers for standby generating station, San Carlos proj., Ariz., f.o.b. Coolidge, Ariz., Adv. FO-4. * 25

LOW BIDDERS

BRAWLEY, Imperial Co., Calif.—Nordberg Mfg. Co., Milwaukee, Disc., at \$449,137.00, submitted the low bid to the Imperial Irrigation District, for two new Diesel-engine driven generating equip. for the Brawley plant, Spec. 2-B, a FWA project. The units are of 2500-hp capacity each. The General Mchy. Co., of Hamilton, Ohio, submitted the next bid at \$458,372. * 25

BIDS WANTED

SALT RIVER PROJECT, Arizona.—Until Dec. 28, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1154-D, for furnishing and delivering misc. parts for alterations to the existing power-drive equipment for operating the hoists for the sluice gates in the diversion dam and misc. parts for alterations to the existing power-drive equipment for operating the hoists for the three intake gates in the intake structure of the Roosevelt power canal, Salt River project, Arizona; f.o.b. shipping point and/or Mesa, Arizona. All materials and equipment will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.50 not returnable. * 25

BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 21, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-135, for 36 fire extinguishers; f.o.b. Sacramento.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 21, 2:00 P. M., bids will be received by U. S. Indian Irrigation Service, Room 523, 8th and Figueroa Bldg., L. A., for 3000 hp electric motors and control equipment, complete, f.o.b. bidder's shipping point and/or f.o.b. Polson, Mont., for Flathead River pumping plant, Flathead Indian Irrigation project, Mont., Adv. FO-7. * 25

BIDS WANTED

SAN MATEO & SANTA CLARA COUNTIES, Calif.—Until Dec. 19, 2 P. M., bids will be received by the State Division of Highways, John H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of (1) one 4 cu. yd. capacity power shovel with suitable trailer for moving while on the assignment and (2) four 4 cu. yd. capacity pneumatic tired dump trucks for use in San Mateo and Santa Clara Counties.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

DENVER, Colo.—Until Dec. 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1153-D, for furnishing and delivering one clutch-operated, crawler-traction, engine-powered, full-revolving, Diesel-engine-powered, convertible-type, dragline excavator equipped with 50-ft. boom, a shovel attachment with a 1 $\frac{1}{4}$ -c.y.

dipper, and other accessory equipment, for the Columbia Basin project, Wash., and two clutch-operated, crawler traction-mounted, full-revolving, Diesel-engine-powered, convertible-type, dragline excavators, each equipped with a 50-ft. boom and other accessory equipment, for the Deschutes project, Oregon; fob shipping point and/or destination.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable. * 25

BIDS OPENED

SAN FRANCISCO.—Woodin & Little, Inc., 33 Fremont St., San Francisco, at \$292 fob San Francisco, submitted low bid to the U. S. Forest Service, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1377 for one complete gasoline engine-driven booster pumping plant for 1000 gallons per hour water supply; fob bidder's shipping point and/or San Diego.

Total bids follow:
Woodin & Little, Inc., San Francisco, \$292; fob San Francisco; 25¢ 30 days.

Norris K. Davis, Inc., San Francisco, \$350; fob Waterloo, Iowa, 2½ 10 days.

Fairbanks, Morse & Co., Chicago, \$381; fob San Francisco; net.

Smith-Booth-Usher Co., Los Angeles, \$467; fob Los Angeles net; \$451 fob San Diego; net.

Southern Machinery Co., San Diego, \$552; fob San Diego; net.

Hazard-Gould & Co., San Diego, \$664; fob San Diego; 2% 20 days. * 25

BIDS OPENED

SAN FRANCISCO.—South City Lumber & Supply Co., Box 9, South San Francisco, at \$3.75, submitted low bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2123, for the rental of motor patrol for use at San Francisco Airport, WPA project.

Total bids follow:
South City Lumber & Supply Co., \$3.75.

Lee J. Immel, \$3.85.

Andrew J. Clausen, \$3.75.

Frank Peterson, \$4.15.

C. M. Sayar, \$4.45.

Chas. L. Harney, \$5.25.

Knox-Hale Mch'y. Co., \$6.90. * 25

BIDS OPENED

YAKIMA PROJ., Wash.—Following submitted bids to the U. S. Bureau of Reclam., Denver Colo., under Spec. No. 810, for furnishing and delivering two 110-ft. roller gates with load disks and auxiliary load rings of either (1) riveted or (2) welded, construction for installation at the Roza diversion dam, Roza division, Yakama Project, Wash.; fob shipping pt. and/or Crownover, Wash. Roller gates will be installed by the Government.

Total bids follow:
John W. Beam, Denver, (1) \$78,800; (2) \$78,500; ½ of 1% 10 days; fob Chicago.

Treadwell Const. Co., Midland, Pa., (1) \$62,000; (2) \$59,960; net; fob Midland.

Pacific Car & Foundry Co., Seattle, (1) \$108,840; (2); net; fob Renton, Wash.

Western Pipe & Steel Co. of Cal., San Francisco, (1) \$81,590; (2); net; fob South San Francisco.

Hunter Steel Co., Pittsburgh, (1) \$73,800; (2); net; fob Neville Island, Pa.

Dravo Corp., Pittsburgh, (1) \$81,700; (2) \$82,700; net; fob Neville Island, Pa.

The R. C. Mahon Co., Detroit, (1) \$88,938; (2) \$81,928; net; fob Detroit.

Puget Sound Machinery Depot, Seattle, (1) \$; (2) \$86,157; net; fob Seattle.

Consolidated Steel Corp., Ltd., Los Angeles, (1) \$77,010; (2); net; fob Los Angeles.

Lakeside Bridge & Steel Co., Milwaukee, Wis., (1) \$89,605; (2) \$89,384; net; fob Milwaukee.

Koppers Co., Bartlett-Hayward Division, Baltimore, (1) \$60,800; (2); ½ of 1% 10 days; fob Baltimore.

American Bridge Co., Denver, (1) \$67,391; (2) \$; net; fob Gary, Ind. * 25

CONTRACTS AWARDED

OAKLAND, Calif.—The following awarded contracts by the Oakland City Council, City Hall, for the rental of trucks:

M. Gori, at	\$0.64
Al Green, at	0.67
E. Henas, at	0.67
Victor E. Ratti, at	0.67
Roy Thompson, at	0.67
	* 25

BIDS OPENED

SALT RIVER PROJ., Ariz.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1145-D, for furnishing and delivering three cylinder heavis for 173,000-lb. hydraulic hoists and three hydraulic gate hangers for the 6x7-ft. 6-in. high pressure gates located in the gate chamber of the outlet works at the Bartlett Dam, Salt River Proj., Ariz.; fob shipping point and/or Phoenix, Ariz. Apparatus and materials will be installed by the Government.

Total bids follow:
Long Beach Iron Works, Long Beach, \$3475; 2% 30 days; fob Long Beach.

Joshua Hendy Iron Works, San Francisco, \$3472; net; fob Sunnyvale, Calif.

Smith Corp., d/b/a General Iron & Steel Works, Portland, \$3787; net; fob Portland.

McKiernan-Terry Corp., New York, N. Y., \$3560; net; fob Dover, N. J.

Consolidated Steel Corp., Ltd., Los Angeles, \$2622; net; fob Los Angeles.

International Engr., Inc., Dayton, Ohio, \$2898; 1% 30 days; fob Dayton.

Koppers Co., Bartlett-Hayward Division, Baltimore, Md., \$4200; ½ of 1% 30 days; fob Baltimore.

Treadwell Engr. Co., Easton, Pa., \$6315; ½ of 1% 30 days; fob Easton.

Rosedale Foundry & Machine Co., Pittsburgh, Pa., \$3065; net; fob Pittsburgh.

S. Morgan Smith Co., York, Pa.; \$4209; net; fob York.

Commercial Iron Works, Portland, \$2698; ½ of 1% 30 days; fob Portland.

Lake Shore Engine Works, Marquette, Mich., \$3132; ½ of 1% 30 days fob Marquette.

Valley Iron Works, Inc., Yakima, Wash., \$2780; 5% 30 days; fob Yakima. * 25

BIDS WANTED

COLUMBIA BASIN PROJECT.—Until Dec. 29, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1158-D, for furnishing and delivering either 4, 6, 8, 10, or 12 tank trucks for transporting fish for the control of migratory fish, Columbia Basin Project, Washington; fob shipping point and/or Wenatchee, Washington.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75, not returnable.

BIDS WANTED

SACRAMENTO, Cal.—Until Jan. 10 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 10396/C.P., for the purchase of certain condemned Government property, including batteries, extinguishers, grinders, hose, hoists, stoves, wheelbarrows, joints, etc., which may be seen at the U. S. Engineer Storehouse, grounds and wharf, at Rio Vista. * 25

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until Dec. 21 bids will be received by the El Centro city council for a heavy duty crawler grader, a chassis for the street sprinkler and a street roller. Est. cost, grader, \$5500 to \$6,000; chassis, \$3000; roller, \$4600. J. W. Knights, city engineer. * 25

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—As previously reported, until Jan. 3, 8 P. M., bids will be received by the San Mateo City Council, Belton Rhodes, City Clerk, San Mateo, for the new intersectional signal system to be installed at Third Avenue and Bayshore highway. Est. cost, \$3,300. Plans and specifications may be obtained from the above office upon deposit of \$5.00. * 25

CONTRACT AWARDED

LOS ANGELES, Calif.—Pomona Pump Co., at \$13,685, has been awarded contract by U. S. Indian Irrigation Service, L. A., for 2 pumping units, and at \$6515 for one additional unit for Frazer pumping plant, Ft. Peck Indian Reservation, Montana, f.o.b. Pomona (pumps) and East Pittsburgh, Pa., (motor), Adv. FO-5. * 25

LOW BIDDER

PEARL HARBOR, T. H.—Honolulu Iron Works, Honolulu, at \$33,400 submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8755, for laundry machines, water softener, storage tank, pump and heater; piping and wiring; and incidental work for laundry at Naval Hospital, Pearl Harbor, T. H. * 25

BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 27, 10:00 A. M., bids will be received by the L. A. Water & Power Purchasing Agent for 13,200 ft. special metallic armored cable, No. 8, solid, single conductor, 3000-volt insulation, each reel to contain 2200 ft. Bid No. 6305. * 25

BIDS OPENED

MARIN AND SONOMA COUNTIES, Calif.—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of two 3¼ cu. yds. capacity pneumatic tired dump trucks for use in Marin and Sonoma Counties:

John Crisall, Los Angeles: \$2.00 (hand load); \$2.20 (bunker load); \$2.35 (power load).

W. C. Railing, Menlo Park: \$2.65; \$2.90; \$3.90.

C. E. Huls, Merced: \$2.55; \$2.80; \$3.05.

H. Simon, San Francisco: \$2.60; \$2.75; \$2.90.

Chas. W. Biguhl, Milbrae: \$2.50; \$2.70; \$2.95.

Portola Truck Service, San Francisco: \$2.35; \$2.45; \$2.65.

K. I. Dowdy, San Francisco: \$2.49; \$2.60; \$2.69.

J. W. Bertram, Bishop: \$2.65; \$2.90; \$3.15
 McReynolds Trucking Co., Oakland: \$2.65; \$2.90; \$3.15
 A. J. McCosker, Oakland, \$2.50; \$2.75; \$3.00.
 F. Granzotto, Walnut Creek: \$2.49; \$2.49; \$2.49
 Brown-Ely Co., Oakland: \$2.40; \$2.60; \$2.90.
 Orange Bros., Stockton: \$2.50; \$2.65; \$2.75.
 H. E. Springer, San Francisco, \$2.70; \$2.90; \$3.00.
 Volpa Bros., Fresno: \$2.65; \$2.90; \$3.15.
 A. Bin, San Francisco: \$2.45; \$2.60; \$3.00.
 Rock & Gravel Trucking Co.: \$2.40; \$2.55; \$2.85

(8) A-C Los Angeles, \$8 or \$9; Ventura, \$9.00.
 J. P. Immel, Ventura, (7) RD-7 Cat. 1936, Ventura, \$5.50; (8) LeTourneau, Ventura, \$6.50.
 Foster Sand & Gravel Co., Fullerton, (2) NW model 104 or \$7.50; (4) NW 18, or \$7.00.
 H. K. Smith, Roscoe, (1) Lorain 40 1938, Los Angeles, \$6.75; or \$6.90; Ventura, \$6.90.
 Post Bros., Santa Ana, (5) 1 to 3 Cat. 1937-1938 Los Angeles, \$6.50 or \$6.50; (6) one Cat. 1938, Los Angeles \$7.50 or \$7.50.
 Chas. Holmes, San Bernardino, (1) Lorain 193, Los Angeles \$6.45 or \$6.45 Ventura \$6.85; (4) Quickway 1938 Los Angeles, \$5.85 or \$5.85; Ventura \$5.85; \$5.85 or \$5.85, Ventura \$5.95; (5) Cat. 1937 Los Angeles, \$7.20 or \$7.20; Ventura \$7.80.
 W. E. Hall Co., Alhambra, (5) RD 8 1938, Los Angeles, \$8 or \$8; Ventura \$8 (6) RD 8, 12-c.y. LeTourneau 1938, Los Angeles, \$9.50 or \$9.50; Ventura, \$9.50.
 R. D. Shea, Alhambra, (4) Quickway 1938, Los Angeles, \$6 or \$6; Ventura, \$6.
 Geo. J. Bock Co., (4) new 1/2-yd. 1938, 6-wheel dual drive, Los Angeles, \$6.45 or \$6.65; Ventura, \$6.85; (7) 2 R D 7 Diesel Cat. LeTourneau angledozer, Los Angeles, \$5.65 or \$6.15 Ventura \$6.50.
 J. E. Haddock, Ltd., (3) Lorain 1932 Los Angeles \$8 or \$9; Ventura \$9; (10) Austin 77 1937, Los Angeles \$4.75 or \$5; Ventura \$5; also Austin 99 1938 Los Angeles, \$5.25 or \$5.50; Ventura \$5.50; (13) 2 Jaeger 1937 \$35 week, \$110 month.
 Morrison-Kundsen Co., Inc., (14) \$40 week, \$120 month.
 Claude Fisher Co., Ltd., (1) NW 1936 Los Angeles, \$6.60 or \$7.15; Ventura \$7.15; (5) Cat. 1937-1938 Los Angeles, \$8.50 or \$9; Ventura \$9; (6) Cat. 1937-1938 Los Angeles \$3.50 or \$10, Ventura \$10; (7) Cat. rebuilt 1938, Los Angeles, \$6.60 or \$7; Ventura \$7; (9) Cat. 1936 Los Angeles, \$5.25 or \$5.50; Ventura \$5.50.
 Vido Kovacevich (5) Cat. 1938, Los Angeles, \$7.20 or \$7.20; Ventura \$7.40 (7) Anglezozer Cat. R D 7 1937 Los Angeles, \$5.40 or \$5.40; Ventura \$5.60 (8) R D 7 Cat. 1937 Los Angeles, \$5.50 or \$5.50; Ventura, \$5.70; (9) Case 1938 Los Angeles \$3.30 or \$3.30; Ventura \$3.50.
 Bert Calvert (3) NW 1933 Los Angeles, \$8.50 or \$8.75; Ventura \$8.75.
 Metcalf Crane Service, (1) Lorain 1938 Los Angeles, \$6.875 or \$7.15; Ventura \$7.25; (5) Cletrac F D 1938 Los Angeles, \$3 or \$8; Ventura \$3; (7) Cletrac D D 1938, Los Angeles, \$6.50 or \$6.50; Ventura \$6.50.
 Smith Booth Usher Co., (1) 1-3 Jaeger double drum electric, \$100 month; (12) one to 4 Jaeger 3-inch heavy duty, \$25, \$73 month; (13) one to 4 Jaeger \$30 week, \$98 month; (14) one to 2 Jaeger \$50 week, \$149 mo.
 Peter L. Ferry & Son, (5) Cat. 1936 and 1938, Los Angeles, \$7.25 or \$7.50; Ventura \$7.50; (6) Cat. 1926 and 1938, Los Angeles, \$7.50 or \$8; Ventura \$5.00.
 Guilfields Trucking Co., (7) Cat. Diesel 1937, Los Angeles, \$6 or \$6; Ventura \$6; (10) Cat. Diesel 1938, Los Angeles, \$4.25 or \$4.25; Ventura \$4.25 (13) \$50 week, \$200 month.
 Fourth St. Rock Crusher, San Bernardino, (1) Lorain 40 1938 Los Angeles, \$7.70 or \$7.70; Ventura \$7.70.
 R. E. Campbell, (1) Koehring 1937 Los Angeles \$7.12 or \$7.47; Ventura \$7.47; (5) Cat. 1935-37 Los Angeles, \$7.35 or \$7.65; Ventura \$7.65; (6) 3 Cat. Los Angeles, \$7.95 or \$8.20; Ven \$8.20; (7) Los Angeles, \$5 or \$5.50; Ventura, \$5.50.
 R. L. Oakley, (5) Los Angeles, \$3 or \$8; Ventura \$8; (6) Los Angeles,

\$9 or \$9; Ventura \$9.
 J. T. Doty, (7) Cat 1938 Los Angeles, \$5.50 or \$5.50; Ventura \$5.50.
 R. H. Flickinger, (3) Lorain 75 1932, Los Angeles, \$7.50 or \$7.80; Ventura, \$7.80.
 E. M. Hawley, Santa Ana, (3) American rebuilt 1938, Los Angeles, \$6.25 or \$6.25; Ventura, \$6.75.
 S. Edmondson & Sons, (4) P & H 1938, Los Angeles, \$6.25 or \$6.25; Ventura \$6.50.
 Chas. J. Rounds, Los Angeles, (1) NW new, Los Angeles, \$6.50 or \$6.50; Ventura \$6.50.
 Abercormbie & Hunter, Whittier (9) McCormick 1925, 2.50 hour (presumably a bid on all 3 counties).
 Ed Waters, (9) Huff 1-30 1938 Los Angeles, \$3.25 or \$3.25; Ventura \$3.25.
 Brown-Bevis Equip. Co., (1) \$30 week, \$120 month; (12) \$16 week, \$48 month; (13) \$35 week, \$100 mo.; (14) \$50 week, \$150 month.
 Bengel & Son, Pasadena, (4) 1/2-yd. Michigan, \$5.45.
 Lang Transportation Corp., (2) Ventura \$6.50; (3) Ventura \$7; (5) Ventura \$7.50; (6) Ventura \$8.50; (7) Ventura \$4.50; (10) Ventura \$3.50.
 Bailey Bros., (1) Lorain 40 1936; Los Angeles, \$6.10 or \$6.10; Ventura \$6.25.
 T. M. Page, Glendale, (5) 3 1937 Cat. Los Angeles, \$8.50, \$8.50 or \$9; Ventura \$9.50; (9) 4 1937 Cat. Los Angeles, \$8.50 or \$9; Ventura, \$9.50; (7) one 1936 Cat. Los Angeles \$8 or \$8.50; Ventura \$9.
 Frank T. Hickey, (1) Lorain 40 1938 Los Angeles, \$6.75 or \$6.90; Ventura \$7; Lorain 40 1937, Los Angeles \$6.75 or \$6.90; Ventura \$7; (5) Los Angeles, \$6.70 or \$6.80; Ventura \$7.
 Lloyd E. Tollman, (1) Bucyrus-Erie 1938, Ventura, \$7.20.
 Cantlay & Tanzola, (1) NW 1937, Los Angeles, \$7 or \$7; Ventura \$7.
 Dimmitt & Taylor, (7) 75 Cat. 1935 Los Angeles, \$7 or \$7.25; Ventura \$7.50; (8) 75 Cat. and LeTourneau Carrvall 1935 Los Angeles, \$7.50 or \$7.75; Ventura \$8.00.
 Nathan Moore, (7) International TD 18 70 h.p. 1938 Los Angeles, \$5 or \$8; Ventura \$5.00; (8) Int'l TD-18 70-h.p. 1938, Los Angeles, \$6.80 or \$7.20; Ventura, \$6.20.
 W. M. Ward, (4) 2 Quickway 1936, Ventura \$5.50.
 Road Mix, Inc., (10) J. D. Adams model 51, 1938, Los Angeles, \$4.85 or \$5.25; Ventura \$4.75.
 Walter E. Hesse, bid irregular, not on form.
 C. G. Willis & Sons, Inc., (1) Koehring 1938, Los Angeles, \$7 or \$7.25; Ventura \$7.40; (2) Koehring 1931, Los Angeles, \$7 or \$7.50; Ventura \$7.95; (3) Koehring 1931, Los Angeles \$7.25 or \$7.50; Ventura \$8; (5) Cat. 1937-38, Los Angeles, \$6.95 or \$7.00; Ventura \$7; (6) Cat., Los Angeles, \$7.25, \$7.50 and \$7.50; (7) 2 A-C, Los Angeles, \$5.95; \$6.25; \$6.25; (8) A-C 1937-38, Los Angeles, \$6.25; or \$6.50; Ventura, \$6.50.
 T. H. Walsh, (7) Cat. 1938; Los Angeles, \$6.50 or \$7; Ventura, \$7; (8) Cat. 1938, Los Angeles, \$6.75 or \$7.25; Ventura, \$7.25.

BIDS OPENED

EUREKA, Humboldt Co., Calif.—
 H. E. Springer, 601 Cheney Street, San Francisco, at \$2.18, submitted low bid to State Division of Highways, E. R. Green, District Engineer, 546 W. Wabash Ave., Eureka, for the rental of two 3-yard dump trucks for not to exceed 500 hours each. Trucks are to be used anywhere in District I.
 Total bids follow: per hour
 H. E. Springer, S. F. \$2.18
 Ashurst Bros., Hopland, 2.20
 Paul Entremont, Colusa, 2.25
 Vance & Ley, Eureka, 2.30
 G. R. Starckenburg, L. A. 2.43
 K. N. Dewar, Eureka, 2.45
 K. I. Dowdy, San Francisco, 2.44
 Wm. Kern, Weott, 2.50
 Chas. W. Beguhl, Millbrae, 2.90

BIDS OPENED

EUREKA, Humboldt Co., Calif.—
 Ashurst Brothers, Hopland, at \$2.20 submitted low bid to the State Division of Highways, E. R. Green, District Engineer, Eureka, for the rental of two 3-yard dump trucks for not to exceed 500 hours each. Trucks are to be used anywhere in District I.
 Total bids follow: per hour
 Ashurst Bros., Hopland, \$2.20
 Paul Entremont, Colusa, 2.25
 Vance & Ley, Eureka, 2.30
 K. I. Dowdy, San Francisco, 2.48
 Wm. Kern, Weott, 2.50
 Chas. W. Beguhl, Millbrae, 2.90
 W. C. Railing, Menlo Park, 2.90

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of misc. equipment for use in District VII, Los Angeles, Orange or Ventura counties, were opened by the State Highway Dept., Los Angeles, Dec. 12. The bids were taken on the following items:
 (1) 1 to 3 3/4-c.y. shovels;
 (2) 1 to 3 1-c.y. shovels;
 (3) 1 to 3 1/4-c.y. shovels;
 (4) 1 to 3 1/2-c.y. truck shovels;
 (5) 1 to 6 90-100-h.p. tractor bulldozers;
 (6) 1 to 4 90-100-h.p. tractors with carryalls;
 (7) 1 to 4 60-70-h.p. tractor bulldozers;
 (8) 1 to 4 60-70-h.p. tractors with carryalls;
 (9) 1 to 3 tractor loaders, 1/2-c.y.;
 (10) 1 to 4 motor graders;
 (11) 1 to 3 double drum hoists;
 (12) 1 to 3 2 1/2-in. pump units;
 (13) 1 to 4 4-in. pump units;
 (14) 1 to 2 6-in. pump units
 The bids were:
 Silva & Hill Const. Co., (1) Bucyrus-Erie, 1938, Los Angeles, \$8 or \$9; Ventura, \$9; (5) Cat. Diesel 1938, Los Angeles, \$8 or \$9; Ventura, \$9; (6) Cat. Diesel 1938, Los Angeles, \$9 or \$10; Ventura \$10; (7) A-C Los Angeles, \$7.50 or \$8.50; Ventura, \$8.50;

26—RAILROADS

BIDS OPENED

SAN FRANCISCO.—Geo. F. Brayer, 166 7th St., at \$3,474.00 submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, for construction of electric switch and signal system for the Bay Bridge loop.
 Complete bids follow:
 George F. Brayer, \$3,474.00
 H. S. Little Co., 3,550.00
 Central Electric Co., 3,980.00
 Alta Electric & Mech. Co., 3,990.00

27—WPA PURCHASES, RENTALS

CONTRACT AWARDED

SHASTA COUNTY, Calif.—Hemstreet & Bell, P. O. Box 550, Marysville, at \$106,635 awarded contract by the United States Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for placing base course, surface course and bituminous treatment on 12,052 miles of Section S (portion), H and J of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County.

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6600: Stout Steffens Equip. Co.; \$206.44; 2%-20; heaters.
 BID NO. 6597: Earle M. Jorgensen; \$319.16; 1/2 of 1%-30; steel.

BID NO. 6595: Calif. Corr. Culvert; \$515.82; 1/2 of 1%-20; culvert.
 BID NO. 6594: Western Pipe and Steel; \$1792.25; 1/2 of 1%-20; culvert.

BID NO. 6593: Enterprise Foundry; \$1200; 1/2 of 1%-20; manhole frames and covers.

BID NO. 6592: Mission Oil Burner Co.; \$300; net; 5000 gals. diesel fuel oil.

BID NO. 6581: Gilmore Fabricators; \$347.36; 1/2 of 1%-30; steel bars.

BID NO. 6579: Calif. Corr. Culvert; \$4676.60; 1/2 of 1%-20; culvert.

BID NO. 6578: Western Pipe and Steel; \$1052.76; 1/2 of 1%-20; culvert.

BID NO. 6577: Davis L. C.; \$732; 2 1/2-c-30; 1200 sacks Portland cement; \$0.61.

BID NO. 6575: Smith L. C.; \$481.05; 2%-10th prox.; lumber.

BID NO. 6574: Smith L. C.; \$325.71; 2%-10th prox.; douglas fir.

BID NO. 6573: W. P. Fuller Co.; \$571.93; net; paint.

BID NO. 6572: Cambridge Tile Mfg. Co.; \$329; 2%-20; tile.

BID NO. 6571: Loop L. C.; \$1120.60; 2%-30; lumber.

BID NO. 6569: Rosenberg Brothers Grading Co.; \$252.50; 10%-20; loam, manure, etc.

BID NO. 6560: A. I. Mitchell Supply; \$356.41; 2%-20; pipe and fittings.

BID NO. 6551: Roiek Mch. Co.; \$246; 2%-20; 210 c.f. air compressor; rental.

BID NO. 6590: United Lumber Yds; \$2.45; \$735; net; Portland cement.

BID NO. 6611: Hayward Bldg. Supply; \$0.0715; \$214.50; net; asphalt. * 27

CONTRACT AWARDED

SAN FRANCISCO—United Lumber Yards at \$2.40 per bbl. net; (total \$444), awarded the contract by U. S. Treasury Dept., 49 Fourth Street, under Bid No. 6591, for furnishing 185 barrels of portland cement. * 27

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6620: Calif. Cor. Culvert Co.; \$887.70; 1/2 of 1%-20; culvert.

BID NO. 6629: Western Pipe & Steel; \$606.92; 1/2 of 1%-20; culvert.

BID NO. 6627: Gilmore Steel and

Supply; \$319; 2%-30; files.
 BID NO. 6626: San Jose Steel Co.; \$271.08; 1/2 of 1%-20; reinf. steel.
 BID NO. 6621: Basalt Rock Co., Inc.; \$1000; 10c ton-10th prox.; asphalt surf.
 BID NO. 6618: Calif. Wire Cloth Corp.; \$3364.47; net; chain link fence.
 BID NO. 6617: Smith L. C.; \$640.22; 2%-10th prox.; chain link fence. * 27

BIDS WANTED

SAN FRANCISCO—Until Dec. 21, 10:00 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., (Room 518), under Bid No. 6708, for 65,000 bbls. Portland cement, f.o.b. shipping point. The cement will be used on projects of the Works Progress Administration in the below listed areas in Northern California :

- AREA TWO**—10,700 bbls.
 (a) 1,500 bbls, Butte Co.
 (b) 500 bbls, El Dorado Co.
 (c) 200 bbls, Glenn Co.
 (d) 800 bbls, Nevada Co.
 (e) 1,825 bbls, Placer Co.
 (f) 1,500 bbls., Sacramento Co.
 (g) 500 bbls, Yuba Co.
 (h) 500 bbls, Shasta Co.
 (i) 300 bbls, Siskiyou Co.
 (j) 500 bbls, Siskiyou Co.
 (k) 850 bbls, Sutter Co.
 (l) 400 bbls., Tehama Co.
 (m) 325 bbls., Trinity Co.
 (n) 1,000 bbls, Yolo Co.

- AREA THREE**—8,300 bbls
 (a) 100 bbls, Mariposa Co.
 (b) 2,400 bbls, Merced Co.
 (c) 3,500 bbls., San Joaquin Co.
 (d) 2,300 bbls., Stanislaus Co.

- AREA FOUR**—17,450 bbls.
 (a) 2,450 bbls., Madera Co.
 (b) 500 bbls, Kings Co.
 (c) 5,000 bbls, Tulare Co.
 (d) 3,500 bbls, Kern Co.
 (e) 6,000 bbls, Fresno Co.

- AREA SIX**—3,350 bbls.
 (a) 2,100 bbls, Sonoma Co.
 (b) 250 bbls, Marin Co.
 (c) 800 bbls, Humboldt Co.
 (d) 200 bbls, Mendocino Co.

- AREA SEVEN**—6,000 bbls.
 (a) 6,000 bbls, San Francisco.
AREA EIGHT—9,000 bbls.
 (a) 6,000 bbls., Alameda Co.
 (b) 3,000 bbls., Contra Costa Co.

- AREA NINE**—10,200 bbls.
 (a) 1,000 bbls., San Mateo Co.
 (b) 200 bbls., Santa Cruz Co.
 (c) 2,500 bbls., Monterey Co.
 (d) 2,500 bbls., San Luis Obispo Co.
 (e) 4,000 bbls., Santa Clara Co.

CONTRACTS AWARDED

SAN FRANCISCO—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6633: Jones Hardwood Co.; \$3725.24; 2% 20; 1% 30; plywood.
 BID NO. 6615: Smith L. C.; \$472; 2% 10th prox.; lumber.

BID NO. 6613: Daugherty L. C.; \$587 1/2% 20; lumber.
 BID NO. 6606: Smith L. C.; \$854; 2% 10th prox.; lumber.

BID NO. 6605: Hutchinson Co.; \$950 10c ton 30; aggregates & sand.
 BID NO. 6604: Bakersfield Sandstone Brick; \$420; net; \$0.525; 800 sacks Portland cement.

BID NO. 6603: Johns-Manville; \$4-135.75; 2% 30; roofing asphalt.

BID NO. 6602: Olsen & Heffernan; \$643.74; 2% 30; pipe and fittings.

BID NO. 6598: Bode Gravel Co.; \$1181.25; 15c ton 20; crushed rock.

BID NO. 6622: Monolith Portland Cement Co.; \$0.6775; \$677.50; net; Portland cement.

BID NO. 6619: Mead Clark; \$2.60; \$807; net * 27

29—STREETS AND HIGHWAYS

December 15, 1938

BIDS OPENED

SAN FRANCISCO—West Constr. Co., 1129 Irving St., San Francisco, at \$1,437.40 (standard city specifications), submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,195 for reconstructing Lynch St. between Hyde and Leavenworth Sts. Estimated cost, \$1,501.

Work involves:

- 5,000 sq. ft. remove existing asphaltic concrete wearing surface and replace with a 2-in. asphaltic concrete wearing surface;
- 950 lf. unarmored concrete curb;
- 310 tons asphaltic concrete pavement (back base);
- 1075 sq. ft. 2-course concrete sidewalk.

Bids were taken as follows:

- According to PWA spec.
- According to standard city specifications.

Total bids follow:

- (A) West Concrete Co., (no bid on (I)); (II) \$1,437.40.
 (B) Charles L. Harney, (I) \$1,673.20 or (II) \$1,653.30.
 (C) The Lowrie Paving Co., Inc., (I) \$1,698.25 or (II) \$1,698.25.
 (D) The Fay Improvement Co., (I) \$1,981.50 or (II) \$1,831.50.

Unit prices follow:

(I) According to PWA spec.				
	(A)	(B)	(C)	(D)
(1)	\$. . .	\$.114	\$.09	\$.17
(2)78	1.00	.80
(3)	5.10	4.75	6.00
(4)20	.16	.18

(II) According to standard city specifications:

	(A)	(B)	(C)	(D)
(1) .....	.10	.11	.09	.14
(2) .....	.64	.78	1.00	.80
(3)	4.00	5.10	4.75	6.00
(4) .....	.20	.20	.16	.18

* 29

BIDS OPENED

GARBERVILLE, Humboldt County, Calif.—A. Soda & Son, 5231 Grove St., Oakland at \$3.63, submitted low bid to the State Division of Highways, E. R. Green, District Engineer, Dist. I, 546 West Washburn Ave., Eureka, for the rental of one tractor-grader with a 12-ft. blade for not to exceed 640 hours to be used in the vicinity of Garberville.

Total bids follow:

A. Soda & Son, Oakland.....	\$3.63
A. J. Clausen, Berkeley.....	3.84
Oranges Bros., Stockton.....	4.00
John Burman & Sons, Eureka.....	4.00
Harm Bros., Sacramento.....	4.15
F. E. Crews, Fairfax.....	4.25
Claude C. Wood, Orick.....	4.25
Helwig Const. Co., Sebastopol.....	4.95
Memstreet & Bell, Marysville.....	5.00
Rock & Gravel Truck Co., Oakland.....	6.00

December 15, 1938

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at \$4,593.40, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,177 for draining and surfacing of Laidley St. slide between Mateo and Roanoke Streets. Work involves:

- 700 c.y. excavation;
- 4 MBM permanent wood sheet piling;
- 260 lf. 8-in. CMP drain, perf., galv. fl., asphaltum dipped;
- 2 each manholes;
- 280 c.y. rock fill, Class A;
- 100 c.y. rock fill, Class B;
- 170 lf. Redwood curb & header;

- (7) 140 lf. Redwood sidewalk header
 - (8) 2100 sq. ft. pavement, 8-in. macadam base, 2-in. asph. conc. wearing surf.;
 - (9) 800 sq. ft. sidewalk, 4-in. macadam base, 1-in. asph. conc. wearing surf.;
 - (10) 3500 sq. ft. preparing surface & oiling new slide area;
 - (11) 30,000 sq. ft. preparing surface and oiling old slide area.
- (A) E. J. Treacy, \$4,593.40.
 (B) Eaton & Smith, \$4,836.00.
 (C) West Construction Co., \$5,648.00.
 (D) The Fay Improvement Co., \$6,760.20.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	.....\$ 1.10	\$ 1.25	\$.80	\$ 2.50
(2)	.....95.00	100.00	250.00	125.00
(3)	.....2.14	1.25	5.50	1.57
(4)	.....85.00	90.00	100.00	135.00
(5)	.....3.60	3.25	2.00	3.15
(6)	.....3.60	3.25	2.00	6.00
(7)	......25	.40	.40	.40
(7a)	......40	.20	.30	.30
(8)	......12	.13	.15	.21
(9)	......07	.08	.10	.12
(10)	......04	.05	.03	.10
(11)	......015	.03	.03	.035

BIDS WANTED

MONO COUNTY, Calif.—As previously reported, until January 4, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 7 miles of grading and road-mix surface treatment and Class A seal coat to be applied on highway between Benton Station and Nevada State Line (IX-Mno-76-B), Mono Co.

Work involves:

- (1) clearing and grubbing;
- (2) 1,200 c.y. removing surf. boulders;
- (3) 45,400 c.y. roadway excavation without classification;
- (4) 34,700 sta. yd. over haul;
- (5) 1,760 c.y. struc. excav.;
- (6) 7,970 c.y. ditch excav.;
- (7) 13,700 c.y. imported borrow;
- (8) 369 sta. finish roadway;
- (9) 91,820 sq. yds. prepare, mix, and shape roadbed;
- (10) 95 tons of liquid asphalt SC-2 prime coat and penetration oil treatment;
- (11) 950 tons liq. asph. ROMC-2, -3, or -4 road mix surf. treatment;
- (12) 94 tons liq. asph. MC-3 seal coat;
- (13) 690 tons sand seal coat;
- (14) 92 c.y. rubble masonry;
- (15) 116 lf. 18-in. CMP;
- (16) 1,970 lf. 24-in. CMP;
- (17) 334 lf. 30-in. CMP;
- (18) 94 lf. 36-in. CMP;
- (19) 52 lf. 48-in. CMP;
- (20) 356 lf. removing, cleaning and relaying pipe culverts;
- (21) 40 lf. removing, cleaning, and salvaging pipe culverts;
- (22) 106 each culvert markers;
- (23) 56 each monuments.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

LOS ANGELES, Cal.—Johnston & Perscallo, 867 Sunset Blvd., at \$344,087.68 awarded contract by the Los Angeles board of public works for grading, paving and otherwise improving Olympic Blvd. from Heath Ave. to Beverly Glen Blvd. and from alley west of Bonnie Brae to Hoover St. and from 27 ft. east of Bronson Ave. to Rimpau Blvd. PWA Project 1708-F, Unit 2. * 29

BIDS OPENED

SAN FRANCISCO.—Lowrie Paving Co., 1540 16th St., San Francisco, at \$6870.00 submitted low bid

COCONINO CO.—GRADING & SURF.—(GOV'T)

COCONINO COUNTY, Ariz.—Oswald Bros., 366 E 58th St., Los Angeles, at \$91,972 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading, draining and placing surfacing (base) with bituminous treatment on approximately 10,761 miles of Section C and a portion of Section D of Route 28, the Fredonia-Housserock Valley National Forest Highway, Kaibab National Forest, Coconino Co., Ariz.

Work involves:

- (1) 24 acres clearing;
- (2) 24 acres grubbing;
- (3) 20,000 c.y. stripping and storing top soil;
- (4) 36,200 c.y. unclass. excav.;
- (5) 60 c.y. unclass. excav. for struc.;
- (6) 49,600 c.y. unclass. excav. for borrow;
- (7) 38,000 stwa. yds. overhaul;
- (8) 159,000 c.y. miles borrow haul;
- (9) 4400 lf. furrow ditches;
- (10) 317 M. Gal. watering;
- (11) 13,000 tons crushed run top course;
- (12) 500 tons applying Government

furnished asphaltic material (Type SC-2) for bituminous treatment;

- (13) Force account sanding;
- (14) 5 c.y. cement rubble masonry;
- (15) 262 lf. corr. galv. sheet metal pipe;
- (16) 40 lf. remove, clean and relay existing CM pipe;
- (17) 1 each cattle guards;
- (18) 1000 lf. barbed wire fence;
- (19) 16 each culvert markers;
- (20) Force account obliteration of old roads;

Total bids follow:

- (A) Oswald Bros., Los Angeles, \$91,972.00.
- (B) Pearson & Dickerson Contractors, Inc., Prescott, \$92,427.50.
- (C) Lewis Bros. Contractors, Phoenix, \$111,712.00.
- (D) Strong and Grant, Springville, Utah, \$112,745.00.
- (E) Lee Moor Contr. Co., El Paso, Texas, \$116,363.00.
- (F) Fisher Contr. Co., Phoenix, \$122,399.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	.....\$150.00	\$185.00	\$200.00	\$100.00	\$150.00	\$225.00
(2)	.....100.00	125.00	100.00	50.00	150.00	150.00
(3)	......18	.15	.40	.30	.24	.16
(4)	......73	.78	.69	.80	1.02	1.00
(5)	.....1.50	2.00	2.00	3.00	1.50	1.75
(6)	......025	.20	.50	.30	.30	.39
(7)	......025	.15	.04	.02	.02	.03
(8)	......15	.15	.10	.20	.18	.16
(9)	......10	.10	.10	.10	.12	.07
(10)	.....4.00	4.40	4.00	3.00	4.06	4.50
(11)	......75	.83	1.30	1.30	.82	1.23
(12)	.....14.00	12.50	15.00	12.00	16.00	15.00
(13)	.....300.00	300.00	300.00	300.00	300.00	300.00
(14)	.....25.00	20.00	48.00	30.00	30.00	30.00
(15)	.....2.50	2.50	4.00	3.00	2.50	3.00
(16)	.....2.50	2.50	2.00	1.00	1.50	2.00
(17)	.....1000.00	1000.00	870.00	500.00	1000.00	900.00
(18)	......15	.20	.20	.30	.12	.15
(19)	.....3.00	3.25	3.00	3.00	3.00	5.00
(20)	.....300.00	300.00	300.00	300.00	300.00	300.00

to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,176 for reconstructing Homestead Street from 24th to 25th Sts.; Lloyd St. from Scott St. to Castro St. extension; and 12th Ave. from Kirkham to Lawton St. Est. cost, \$9,072.

Work involves:

- (1) 200 lf. reset stone curb;
- (2) 50 lf. armored concrete curb;
- (3) 700 sq. ft. 2-course concrete sidewalk;
- (4) 17,260 sq. ft. remove basal blocks and construct 6-in. Class E concrete pavement;
- (5) 900 sq. ft. remove pavement, consisting of a concrete base and an asphaltic wearing surface and replace with 6-in. Class F concrete paving base;
- (6) 22,000 sq. ft. remove asphaltic wearing surface;
- (7) 310 tons asphalt concrete wearing surface, in place;

Bids were taken as follows:
 (1) According to PWA spec.;

(2) According to standard city spec.

Total bids follow:
 (A) Lowrie Paving Co., \$6870.00 (1 or 2).

(B) Fay Improvement Co., (1) \$7,698.88; (2) \$7,250.00

(C) Chas. L. Harney, (1) \$7,454.70; (2) \$7,282.10.

(D) Eaton & Smith, (1) \$7,485.12; (2) \$7,364.30.

(E) E. J. Treacy, \$7,489 (1 or 2);
 (F) West Constr. Co., (1) —; (2) \$7,711.70.
 (G) A. G. Ralsch, (1) \$8,524.50; (2) \$7,739.30.

Unit prices under PWA specifications follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	.....\$.60	\$.80	\$.26	\$.50	\$.50	\$.50	\$.60
(2)	.....1.00	.95	.75	.93	.60	.90	.90
(3)	......15	.20	.15	.16	.16	.17	.17
(4)	......25	2.68	.27	2.87	2.85	.30	.30
(5)	......25	2.68	.29	.25	.12	.30	.30
(6)	......03	.046	.033	.03	.03	.04	.06
(7)	.....4.50	4.75	4.80	4.50	5.00	4.75	4.75

Unit prices under standard city specifications follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	.....\$.60	\$.60	\$.26	\$.50	\$.50	\$.20	\$.60
(2)	.....1.00	.90	.75	.93	.60	1.00	.90
(3)	......15	.19	.20	.15	.16	.20	.17
(4)	......25	2.25	.26	2.28	2.85	2.95	2.88
(5)	......25	2.26	.39	.25	.12	.30	.30
(6)	......03	.043	.033	.03	.03	.04	.04
(7)	.....4.50	4.70	4.80	4.50	5.00	4.00	4.75

BIDS WANTED

SAN FRANCISCO.—Until Dec. 28, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of portions of the southerly one-half of Lawton Street, between Thirty-seventh and Thirty-eighth Avenues. Est. cost, \$1,000.

- The work involves:
 (1) 3,000 sq. ft. asph. conc. rock sub-base pavement;
 (2) 120 lf. unarmored conc. curb;
 (3) 100 lf. 6-inch pipe sewer;
 (4) 4 water services.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 851, City Hall upon cash deposit of \$10, returnable.

BIDS WANTED

OAKLAND, Calif.—As previously reported, until Dec. 13, 1:00 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Broadway Terrace between Hermosa and Edith Place.

- Work involves:
- (1) 9000 c.y. excav.
 - (2) 3414 lf. redwood curbing;
 - (3) 78,200 sq. ft. surfacing, 5-inch stabilized base with armored coat;
 - (4) 1 manhole top;
 - (5) 5 storm water inlets, 34-inch;
 - (6) 74 lf. 12-inch reinf. pipe concrete conduit;
 - (7) 10 lf. plain pipe concrete conduit;
 - (8) 65 lf. 12-inch iron pipe conduit;
 - (9) 752 lf. 8-inch tile drain.

Plans and specifications may be obtained from the office of the City Engineer, City Hall, Oakland, upon deposit of \$5.00. 29

BIDS OPENED

LOS ANGELES, Cal.—Johnston & Percalso, 867 Sunset Blvd., at \$344,087.68 submitted low bid to the Los Angeles board of public works for grading, paving and otherwise improving Olympic Blvd. from Heath Ave. to Beverly Glen Blvd. and from alley west of Bonnie Brae to Hoover St. and from 27 ft. east of Bronson Ave. to Rimpau Blvd. PWA Project 1708-F, Unit 2.

The total bids were:

Johnston & Percalso.....	\$344,087.68
Griffith Company.....	351,103.82
Warren Southwest.....	353,701.33
Gogo & Rados.....	356,242.18
Los Angeles Paving Co.....	357,717.53
Sparks & Mundo.....	378,750.04
Oswald Bros.....	383,057.69
Radich & Brown.....	396,396.91
Heuser & Garnett.....	410,419.51
W. E. Hall Co.....	418,668.98
Engineer's estimate.....	394,632.62

29

BIDS OPENED

LOS ANGELES, Cal.—C. O. Sparks & Mundo Engr. Co., 1601 S. Soto St., at \$57,969.28 submitted low bid to Los Angeles board of public works for grading, paving and otherwise improving Olympic Blvd. bet. Flower St. and Georgia St. PWA Project 1708-F, Unit 3.

The total bids were:

C. O. Sparks & Mundo En-	
gineering Co.....	57,969.28
Warren Southwest, Inc.....	59,306.90
Los Angeles Paving Co.....	60,658.33
Gogo & Rados.....	61,075.73
Tomel Const. Co.....	63,405.24
Radich & Brown.....	64,353.00
W. E. Hall Company.....	67,179.13
Griffith Company.....	72,066.75
Engineer's estimate.....	61,921.21

29

LOW BIDDERS

COCONINO COUNTY, Ariz.—Oswald Bros., 361 E. 58th St., Los Angeles, at \$99.72 submitted low bid to the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading, draining and placing surfacing (base) with bituminous treatment on approximately 10.761 miles of Section C and a portion of Section D of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino Co., Ariz.

The three low bids follow:
 Oswald Bros., Los Angeles, \$91,972.00
 Pearson & Dickerson Contractors, Inc., Prescott, \$2,427.80
 Lewis Brothers Contractors, Phoenix, 111,712.00

Complete bids will be published shortly. 29

BIDS WANTED

KING COUNTY, Wash.—Until Dec. 19, 10:00 A. M., bids will be received by the King County Commissioners, under PWA docket 1431-F, for units 2 and 3 of the county paving project. Bids were previously opened for unit 1.

- Work Involves:
UNIT 2—\$60,000 available.
 (1) 6500 c.y. excav.;
 (2) 20,000 sq. yds. concrete paving;
 (3) 1000 tons asphalt conc.;
 (4) 9940 dowel bars.
UNIT 3—\$20,000 available.
 (1) 2100 c.y. excav.;
 (2) 9000 sq. yds. coner;
 (3) 1320 dowel bars.

Plans and specifications may be obtained from the King County Engineer, Harry Sisler, Court House.

CONTRACT AWARDED

GLENN CO., Calif.—J. P. Breen, P. O. Box 183, Sacramento, at \$8,172.50 awarded contract by the U. S. Bu-

reau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treatment on 15.5 miles, Section B, Route 7, Mendocino By-Pass National Forest Highway, Mendocino National Forest, Glenn County. 29

CONTRACT AWARDED

GILA COUNTY, Ariz.—Lee Moor Contr. Co., Baseett Tower Bldg., El Paso, at \$273,980.82 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on Globe-Showlow Highway F.A. 99-D, A, E, F, and F.L. 6-B (1939). The work, which begins about 50 miles northeast of Globe and extends southwestwardly about 29.8 miles (unless the project is cut back as provided in the contract), consists of subgrading roadway and refining slopes; furnishing and placing select materials, SC-6 road oil plant mix, Type B seal coat and asphaltic surface treatment; and is to be completed on or before Oct. 31, 1939.

SAN BERNARDINO CO.—BRIDGE CONST.—(STATE)

SAN BERNARDINO CO., Calif.—Gibbons and Reed Co., 221 East San Bernardino Blvd., Burbank, at \$24,714.19 submitted low bid to the State Division of Highways, C. H. Furell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge consisting of two 24-ft. spans, two 22-ft. and two 6-ft. cantilever spans on cast-in-place conc. piles and approximately .13 mile of approaches to be graded and .06 mile of Portland cement concrete pavement about two miles east of Ontario across Cucamonga Wash (VII-SBD-26-D), San Bernardino Co.

- Work involves:
 (1) 220 c.y. remove and dispose of existing rdwy. and shoulder surfacing;
 (2) 200 c.y. remove and dispose of existing concrete;
 (3) 62 M. gals. water;
 (4) 5,100 c.y. rdwy. excav., unclass.;
 (5) 500 c.y. struc. excav.;
 (6) 2,200 c.y. imported borrow;
 (7) 900 sq. yds. subgrade for pave.;
 (8) 7 sta. finish rdwy.;
 (9) 372 tons min. agg. plant mix surfacing;
 (10) 19 tons liquid asph. SC-4 plant mix surf.;
 (11) 250 c.y. salvage detour surf.;
 (12) 182 c.y. Class A Portland cement conc. pave.;
 (13) 333 each pavement dowels;
 (14) 71,000 lbs. bar reinf. steel;
 (15) 310 c.y. Class A Portland ce-

- ment conc. struc.;
 (16) 9 c.y. Class A Portland cement conc. railing;
 (17) 828 lf. furnish cast in place concrete piles;
 (18) 36 each drive steel shells for cast in place concrete piles;
 (19) 30 c.y. broken concrete riprap;
 (20) 12,000 sq. ft. galv. woven wire fence bank protection;
 (21) 310 tons asph. conc. bank protection;
 (22) 140 lf. 12-in. wrought steel pipe;
 (23) 174 lf. 48-in. CMP;
 (24) 174 lf. remove and salvage 48-in. culvert pipe;
 (25) 1 each monuments;
 (26) 35 lf. timber guard rail;
 (27) 1 lot misc. items of work.

- Total bids follow:
 (A) Gibbons & Reed Co., Burbank, \$24,714.19.
 (B) H. H. Peterson, San Diego, \$24,947.45.
 (C) Oberg Bros., Los Angeles, \$26,569.81.
 (D) R. M. Price, Huntington Park, \$27,995.35.
 (E) D'Immitt & Taylor, Los Angeles, \$28,167.36.
 (F) White & Wilberg, Santa Monica, \$29,145.49.
 (G) Contracting Engineers Co., Los Angeles, \$31,228.60.
 (H) Byerlets & Dunn, Los Angeles, \$31,825.60.
 (I) Vinson & Pringle, Phoenix, Ariz., \$33,097.15.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$.70	\$ 1.00	\$.75	\$.59	\$.50	\$ 1.50	\$ 1.00	\$ 1.00	\$ 1.86
(2).....	4.50	2.00	3.00	3.75	8.00	1.75	3.50	3.00	2.50
(3).....	1.80	2.50	3.00	2.50	1.50	3.00	4.00	2.00	1.55
(4).....	.18	.20	.40	.27	.13	.32	.30	.50	.50
(5).....	.70	.65	.80	.75	.80	.70	1.00	1.00	1.25
(6).....	.75	.65	.50	.90	.60	.55	1.20	1.00	.90
(7).....	.12	.12	.12	.20	.15	.12	.12	.20	.19
(8).....	10.00	10.00	5.00	6.00	10.00	12.00	10.00	10.00	12.40
(9).....	2.30	4.00	3.30	3.10	2.50	2.68	4.00	4.00	3.75
(10).....	8.00	10.00	15.00	10.00	8.00	8.00	10.00	15.00	12.40
(11).....	.80	1.00	1.00	.90	.80	3.50	6.00	2.00	1.25
(12).....	9.50	8.00	9.00	9.00	10.00	10.00	9.00	10.00	13.65
(13).....	.15	.15	.12	.15	.12	.15	.20	.20	.19
(14).....	.049	.05	.045	.05	.05	.0465	.05	.05	.046
(15).....	14.50	20.00	18.00	20.00	24.00	19.20	23.00	20.00	18.50
(16).....	60.00	50.00	60.00	70.00	50.00	60.00	60.00	60.00	75.00
(17).....	1.38	2.00	3.00	1.40	1.30	2.36	2.00	2.00	3.10
(18).....	78.00	32.00	40.00	80.00	80.00	30.00	70.00	70.00	31.00
(19).....	1.00	3.00	2.00	3.75	5.00	1.75	3.00	5.00	2.50
(20).....	.11	.063	.10	.10	.07	.30	.20	.15	.09
(21).....	3.35	4.00	3.00	5.00	5.00	4.00	4.50	5.00	13.65
(22).....	3.75	4.25	6.00	4.00	4.00	4.00	4.00	4.00	8.68
(23).....	7.75	7.00	10.00	6.75	8.00	8.50	7.00	6.00	7.15
(24).....	.60	1.00	.75	1.00	1.00	1.00	1.00	1.00	.62
(25).....	2.50	3.00	3.00	2.50	4.00	4.00	5.00	2.00	4.35
(26).....	1.00	1.50	1.25	2.00	1.60	1.50	1.40	2.00	3.10
(27).....	590.00	400.00	300.00	500.00	500.00	1000.00	500.00	1400.00	750.00

BIDS WANTED

COCONINO COUNTY, Ariz.—Until Jan. 5, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 500 tons type SC-2 liquid asphaltic road materials for use on Sections C and D of Route 28, Fredonia-Houserock Valley National Forest Highway, Coconino Co., Ariz.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

ORANGE CO., Calif.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at \$44,300.80, awarded contract by the State Division of Highways, Sacramento, for about 0.7 mile grading and paving with Portland cement concrete between Santiago Blvd. and Santa Ana Canyon Road (VII-Ora-43-B), Orange Co.

CONTRACT AWARDED

SANTA MONICA, Los Angeles Co., Calif.—Oswald Bros., 366 E. 58th St.,

L. A., at \$33,066.75 were awarded the contract (subject to approval by PWA) by the Santa Monica city council, for improvement of Ocean Ave., State Highway VII-LA-163-SMCA, between Colorado Ave. and Pico Blvd., PWA proj. 1799-F • 29

NOTICE TO BIDDERS

Representative of the District Office will accompany prospective bidders over the proposed project in Riverside County between the Orange county line and Corona, and VIII-Riv-43-A, for which bids are to be received in Los Angeles Dec. 29.

Said representative will meet prospective bidders at Riverside-Orange county line on Wednesday, Dec. 21, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates. • 29

PARK-PRESIDIO BLVD.—(S. F. CITY)

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at \$106,938.83 (PWA specifications) or \$105,879.81 (standard city specifications), submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,136 for the improvement of Park-Presidio Blvd. between Fulton St. and the Presidio Military Reserve. Est. cost, \$129,000.

- Work involves:
- (1) 11,260 c.y. excavation;
 - (2) 233,000 sq. ft. 8x2-in. asph.-conc. pavement;
 - (3) 25,200 sq. ft. 6x2-in. asph.-conc. pavement;
 - (4) 20 tons asph. conc. wearing surf.
 - (5) 9,750 sq. ft. 2-course conc. sidewalk;
 - (6) 8,350 lf. 12-in. white concrete coping;
 - (7) 715 lf. standard armored conc. curb;
 - (8) 8,470 lf. unarmored white conc. curb;
 - (9) 483 c.y. loam;
 - (10) 755 lf. reset granite curb;
 - (11) 28 each brick catchbasins;
 - (12) 5 each brick manholes;

- (13) 1,770 lf. 10-in. VCP culvert;
- (14) 161 lf. 12-in. do;
- (15) 4,000 lf. 1½-in. conduit;
- (16) 4,800 lf. 2-inch do;
- (17) 8 each pull boxes (small);
- (18) 16 each arterial stop signs;
- (19) 15 each pull boxes (large);
- (20) lump sum, water supply system
- (21) 5 each storm water inlets;
- (22) 8 each pole risers;
- (23) 4,250 sq. ft. 4-inch waterbound macadam path.

Bids were taken as follows: (I) According to PWA specifications. (II) According to standard city specifications.

- Total bids follow:
- (A) Charles L. Harney, (I) \$106,938.83 or (II) \$105,879.84.
 - (B) Pacific States Const. Co., (I) \$109,622.25; (II) \$108,457.25.
 - (C) The Fay Improvement Co., (I) \$114,275.65; (II) \$109,782.15.
 - (D) A. G. Raisch, (I) \$116,453.15; (II) \$112,871.15.
 - (E) Eaton & Smith, (I) \$122,517.20; (II) \$122,017.20.

Unit prices follow:

(I) According to PWA specifications:

	(A)	(B)	(C)	(D)	(E)
(1)	\$.46	\$.40	\$.45	\$.41	\$.42
(2)	.244	.245	.25	.257	.28
(3)	.203	.20	.21	.244	.22
(4)	7.00	5.00	4.00	5.50	4.20
(5)	.15	.135	.13	.135	.14
(6)	.94	1.05	1.08	1.06	.96
(7)	.85	.80	.73	.78	.72
(8)	.62	.65	.70	.66	.60
(9)	1.53	1.50	1.25	1.30	1.20
(10)	.26	.40	.33	.60	.48
(11)	80.00	90.00	.89	97.00	78.00
(12)	100.00	150.00	123.00	108.00	72.00
(13)	1.35	1.50	1.58	1.10	1.50
(14)	1.60	6.00	2.65	1.20	1.50
(15)	.64	.68	.65	.62	.64
(16)	.58	.82	.60	.58	.72
(17)	15.00	22.50	18.00	16.00	12.00
(18)	94.00	96.00	96.00	87.00	100.00
(19)	20.00	28.00	33.00	30.00	18.00
(20)	10,374.79	9,316.00	13,300.00	15,000.00	16,843.40
(21)	31.00	50.00	45.00	72.00	48.00
(22)	23.50	30.00	26.00	24.00	24.00
(23)	.04	.05	.05	.05	.07

(II) According to standard city specifications:

	(A)	(B)	(C)	(D)	(E)
(1)	\$.46	\$.40	\$.38	\$.41	\$.42
(2)	.244	.24	.247	.247	.28
(3)	.203	.20	.21	.234	.22
(4)	7.00	5.00	4.00	5.50	4.20
(5)	.15	.135	.13	.135	.14
(6)	.94	1.05	1.08	1.06	.96
(7)	.85	.80	.73	.78	.72
(8)	.62	.65	.68	.66	.60
(9)	1.53	1.50	1.15	1.30	1.20
(10)	.26	.40	.33	.60	.48
(11)	80.00	90.00	90.00	97.00	78.00
(12)	100.00	150.00	110.00	108.00	72.00
(13)	1.35	1.50	1.50	1.10	1.50
(14)	1.60	6.00	2.65	1.20	1.50
(15)	.64	.68	.48	.62	.64
(16)	.58	.83	.50	.58	.72
(17)	15.00	22.50	16.00	16.00	12.00
(18)	94.00	96.00	93.00	87.00	100.00
(19)	20.00	28.00	30.00	30.00	18.55
(20)	9,316.00	9,316.00	12,000.00	14,000.00	16,343.40
(21)	31.00	50.00	45.00	72.00	48.00
(22)	23.50	30.00	21.00	24.00	24.00
(23)	.04	.05	.05	.05	.07

CONTRACT AWARDED

VENTURA CO., Calif.—S. Edmondson & Sons, 533 W. 20th Street, Los Angeles, at \$24,102.25 awarded contract by the State Division of Highways, for about 0.3 mile of grading and surfacing with plant-mix surfacing two miles west of the Los Angeles county line (VII-Ven-79-C), Ventura County. • 29

CONTRACT AWARDED

TULARE COUNTY, Calif.—Plazza & Huntley, 195 N. 6th St., San Jose, at \$59,234.00, awarded contract by the State Division of Highways, Sacramento, for about 2.7 miles grading and surfacing with plant-mix surfacing a portion of the State Highway between Exeter and Venable Substation, Tulare Co., Calif. • 29

CONTRACT AWARDED

LOS ANGELES, Cal.—C. O. Sparks & Mundo Engr. Co., 1601 S. Soto St., at \$57,969.28 awarded contract by the Los Angeles board of public works for grading, paving and otherwise improving Olympic Blvd. bet. Flower St. and Georgia St.; PWA Project 1708-F, Unit 3. • 29

BIDS OPENED

SANTA MONICA, L. A. Co., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$33,066.75, submitted the low bid to the Santa Monica city council for improvement of Ocean Ave., State Highway VII-LA-163-SMCA, betw. Colorado Ave. and Pico Blvd., PWA project 1799-F.

The total bids were: Oswald Bros., \$33,066.75. Griffith Co., \$33,646.25. Southwest Paving Co., \$35,131. C. O. Sparks & Mundo Engr. Co., \$42,183.25 • 29

30—RESERVOIRS & DAMS

CONTRACT AWARDED

VENTURA CO., Calif.—Gates & Huntley, 2020 Hyperion Ave., L. A., at \$37,900, were awarded contract by Ventura city council for reconstruction of a 9,000,000 gal. reservoir involving excav., special compacted rolled embankment, 4 in. reinf. concrete lining, outlet boxes, drains, etc., a PWA project. • 30

BIDS OPENED

TUCSON, Pima Co., Ariz.—R. H. Martin, 311 N 3rd Ave., Tucson, at \$54,999.35 submitted low bid to the Tucson city council for the construction of a reservoir at the Osborne St. plant. The capacity of the present Osborne St. reservoir will be increased from 1,500,000 gals. to 9,000,-

000 gals. Est. cost, \$60,000. The work involves 700 c.y. concrete, 50,000 sq. ft. granite and 34,000 bd. ft. of lumber. Phil J. Martin, Jr., water supt.; John A. Carollo, consulting engineer. R. E. Butler, city manager.

The other bids were:
Vinson & Pringle, Phoenix, \$56,900.35.
Gates & Huntley, Los Angeles, \$59,200.00.

Lewis Brothers, \$59,984.00.
M. M. Sundt, \$61,682.05.
Herbert F. Brown, \$65,182.50.
Tanner Const. Co., Phoenix, \$66,570.65.

Arizona Concrete Co., \$66,641.89.
Pearson & Dickerson, Prescott, \$80,600.00.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

NAPA, Napa Co., Calif.—Until December 19 7:30 P. M., bids will be received by the Napa City Council, Whitfield Griffiths, City Clerk, City Hall, Napa, for the construction of a sewer pipe-line on Pine Street, Napa, 15-inches in diameter from Walnut Street to Seminary St. and 18-inches in diameter from Seminary St. to Napa River.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. 32

BIDS OPENED

SACRAMENTO, Calif.—Worthington Pump & Mch. Co., 224 Townsend St., Sacramento, at \$71,918, submitted low bid to the Sacramento City Council, H. D. Denton, City Clerk, City Hall, for furnishing mechanical and electrical equipment for sewage plant No. 2 extension.

Total bids follow:
Worthington Pump & Mch. Co., Sacramento, \$71,918.

Luppen & Hawley, Inc., Sacramento, \$83,666.

De Laval Steam Turbine Co., San Francisco, \$83,800.

United Iron Works, Oakland, \$84,500.

Alta Electric & Mechanical Co., Inc., San Francisco, \$88,888.

Cory & Joslin, Inc., \$103,388. 32

BIDS OPENED

SACRAMENTO, Calif.—J. W. Terrell, 2765 Donner Way, Sacramento, at \$20,987, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the construction of sewers in the southeastern part of Sacramento.

Total bids follow:
J. W. Terrell, Sacramento, \$20,987.
A. Teichert & Son, Inc., Sacramento, \$21,270.

A. E. Downer, Berkeley, \$21,333.33.
M. J. Lynch, San Francisco, \$21,987.

Artukovich Bros., Hynes, \$22,500.

VCK Construction Co., Los Angeles, \$23,724.

M. J. Bede, \$28,000. 32

BIDS WANTED

FORT MASON, Calif.—As previously reported, until Jan. 4, 10 A.M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W. 6616-39-45, for the construction of an intercepting sanitary sewer system at Presidio of San Francisco. Est. cost, \$80,000.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. 32

OAKLAND—ST. IMPROVEMENT—(CITY)

OAKLAND, Calif.—The following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Santa Clara Ave. between Grand and Van Buren, Oakland.

Work involves:
(1) 3,800 c.y. excavation;
(2) 600 tons stabilized base;
(3) 1200 l.f. concrete curbing;
(4) 22,360 sq. ft. concrete pavements;
(5) 6,150 sq. ft. cement sidewalk;
(6) 131 tons asphaltic surfacing;
(7) 2 storm water inlets, 34-inch;
(8) 1 storm water inlet, Type B;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$ 50	\$ 60	\$ 150	\$ 57	\$ 75	\$ 75	\$ 51	\$ 119	\$ 270	\$ 85	\$ 105
(2).....	3.00	2.40	2.80	3.20	3.00	2.00	2.83	1.99	2.60	2.65	2.50
(3).....	.70	.50	.70	.60	5.00	.60	.48	.47	.60	.75	.55
(4).....	.22	.26	.26	.27	.25	.23	.20	.23	.25	.28	.30
(5).....	.20	.20	.24	.17	.17	.15	.14	.15	.20	.15	.22
(6).....	6.00	4.50	15.00	5.00	5.00	4.00	4.80	5.00	4.35	6.00	6.50
(7).....	60.00	75.00	120.00	60.00	190.00	70.00	66.00	63.00	70.00	50.00	70.00
(8).....	90.00	50.00	175.00	70.00	100.00	65.00	74.00	40.00	55.00	65.00	75.00
(9).....	2.00	2.00	3.00	3.00	2.00	2.00	1.66	1.50	1.75	1.75	2.40

(9) 46 l.f. 12-inch vitrified pipe
Bidders were:
(A) Lee J. Immel, Berkeley.
(B) Independent Construction Co., San Francisco.
(C) A. Franzotto, Walnut Creek.
(D) W. H. Larson, Oakland.
(E) A. Soda & Son, Oakland.
(F) West Const. Co., San Francisco
(G) Ransome Co., Emeryville.
(H) A. W. Clark, Jr., & Co., Oakland
(I) Heafey-Moore Co., Oakland.
(J) A. A. Tieslau, Berkeley.
(K) L. C. Seidel, Oakland.
Unit prices follow:

OAKLAND—ST. IMPROVEMENT—(CITY)

OAKLAND, Calif.—The following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Broadway Terrace between Hermosa and Edith Place.

Work involves:
(1) 9000 c.y. excavation;
(2) 3414 l.f. redwood curbing;
(3) 78,200 sq. ft. surfacing, 5-inch stab. base with armored coat;
(4) 1 manhole;
(5) 1 manhole top;
(6) 5 storm water inlets, 34-inch;
(7) 74 l.f. 12-in. reinf. pipe concrete conduit;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$ 58	\$ 40	\$ 85	\$ 83	\$ 50	\$ 60	\$ 75	\$ 60	\$ 55	\$ 80
(2).....	.27	.33	.17	.27	.25	.30	.30	.46	.25	.28
(3).....	102	11	0925	16	097	10	10	125	095	105
(4).....	70.00	60.00	60.90	85.00	85.00	125.00	80.00	75.00	100.00	100.00
(5).....	31.00	30.00	43.14	25.00	40.00	50.00	20.00	25.00	50.00	40.00
(6).....	66.00	60.00	66.00	60.00	75.00	100.00	75.00	60.00	70.00	50.00
(7).....	3.25	2.50	2.54	2.00	2.00	5.00	1.50	2.50	2.50	3.00
(8).....	2.41	2.00	1.27	2.00	2.00	1.50	1.50	2.50	1.80	2.00
(9).....	2.24	2.00	1.93	1.90	2.00	2.50	2.50	3.00	2.10	2.00
(10).....	.70	2.00	1.42	.81	1.50	1.00	.40	2.40	1.30	1.10

(8) 10 l.f. plain pipe concrete conduit;
(9) 65 l.f. 12-inch iron pipe conduit;
(10) 752 l.f. 8-inch tile drain.
Bidders were:
(A) Ransome Co., Emeryville.
(B) Lee J. Immel, Berkeley.
(C) J. Caucci, Oakland.
(D) A. Franzotto, Walnut Creek.
(E) Independent Construction Co., San Francisco.
(F) A. Soda & Son, Oakland.
(G) West Const. Co., San Francisco.
(H) W. H. Larson, Oakland.
(I) Heafey-Moore Co., Oakland.
(J) A. A. Tieslau, Berkeley.
Unit prices follow:

LINCOLN SCHOOL, REDWOOD CITY

AUDITORIUM
REDWOOD CITY, San Mateo Co., Calif.
Addition of auditorium and improvements at the Lincoln School.
Owner — Redwood City Elementary School District (C. G. Uhlenberg, Clerk).
Architect—Thos. M. Edwards, No. 9 Geary Street, San Francisco, 666
Low Bidder—M. E. Vukicevich, 666 Mission St., San Francisco, \$35,798.

General bids were received with the following alternate proposals, all deductions:
(1) omit border lights on stage; (2) omit footlights; (3) install heater in boiler room other than specified; (4) omit boiler room; (5) omit plumbing in dressing rooms in rear of stage; (6) pine floors in lieu of maple floors; (7) omit lunchroom; (8) omit all

electric light fixtures, but install wiring, etc.
Complete basic bids follow:
(A) M. E. Vukicevich, San Francisco \$35,798.
(B) R. A. McLean & Son, San Francisco, \$36,920.
(C) L. M. Duncan, Redwood City, \$37,243.
(D) H. H. Larsen Co., San Francisco, \$37,723.
(E) Chas. Pedersen, San Mateo, \$37,890.
(F) G. W. Williams Co., Burlingame, \$37,996.
(G) James J. Allen, San Carlos, \$38,976.
(H) Webster Jeffers, San Francisco, \$39,790.
(I) Wm. Martin, San Francisco, \$40,633.
(J) George Swanstrom, Oakland, \$43,990.
Complete alternate bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$309	\$307	\$376.60	\$300	\$300	\$2475	\$309	\$307	\$309	\$258
(2).....	260	247	247.20	250	225	320	248	247	248	230
(3).....	1563	550	1857.00	400	1400	375	414	450	1389	975
(4).....	1260	1443	1232.00	1100	1870	225	1075	1200	1459	1152
(5).....	333	316	362.00	300	300	200	316	125	316	325
(6).....	262	386	224.90	265	240	360	100	300	456	372
(7).....	2482	2822.50	2150	2940	1025	1900	2800	2856	3255	3265
(8).....	526	500	500.00	450	470	1100	500	500	501	560

Bids held under advisement pending meeting of the board tonight at 8 p. m.

Section 562 P. L. & R.

U. S. POSTAGE

PAID

San Francisco, Calif.

Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

D A I L Y

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



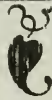
AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



Mare Island Storehouse Bids
January 25

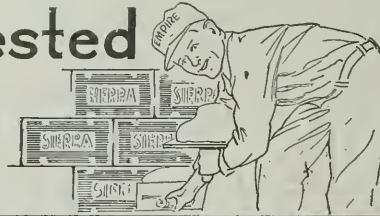


All-American Canal Work Passes Peak



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., DECEMBER 24, 1938

No. 52

BIDS RECEIVED ON FOUR COAST NAVY PROJECTS

**American Bridge, Bethlehem
Steel Low on Structural
Steel Jobs**

WASHINGTON, D. C., Dec. 21.—Bids on four major contracts for work on West Coast naval projects were opened here today by the Navy Department Bureau of Yards & Docks.

American Bridge Co., Frick building, Pittsburgh, Pa., at \$508,366 (item one) submitted low bid for structural steel work for the Mare Island Navy Yard machine shop.

Bethlehem Steel Corp., San Francisco, second low bidder at \$523,700 for the Mare Island steel work, submitted a low proposal of \$212,300 for structural steel framework for the assembly and repair shop at the Alameda Naval Air Station.

Winslow Marine Railway and Shipbuilding Co., Burke building, Seattle, was low bidder at \$389,650 for structural steel caisson gate at the Puget Sound Navy Yard. Second low bid was \$389,750, submitted by Consolidated Steel Corp., Los Angeles.

Heating, Piping Men Plan Annual Meeting

The annual meeting of the Heating and Piping Contractors Association of San Francisco will be held January 10, at the Club Lido, 915 Columbus avenue, S. W. Finney, executive secretary of the Association, announces.

Arrangements have been made to take over the entire club, according to Mr. Finney, including the orchestra and floor show. The entertainment will be augmented by thirty additional acts. Admission to the meeting, including dinner and entertainment will be \$3.50 per person.

INVITE AIRPORT DREDGING BIDS

The San Francisco Public Utilities Commission yesterday issued two calls for bids for dredging at San Francisco Airport and laying eight-inch cast iron mains in an easement at Third street and Islais creek.

The first contract involves the rental of a dredge for 600 hours for work at San Francisco Airport. Bids will be opened December 30. The second contract, for which bids will be opened January 5, involves laying 2,230 lineal feet of 8-inch cast iron mains at Third street and Islais creek. Excavation and backfill for a 17 by 36-inch trench, repavement and installation of fittings are involved in the job.

Bids for Sonoma Buildings Jan. 17

SACRAMENTO, Dec. 20.—Bids for construction of the dairy milk house and a school addition at Sonoma State Home, Eldridge, will be opened by the State Division of Architecture here January 17, Acting State Architect W. K. Daniels announced today.

The dairy milk house will be a 1-story reinforced concrete building with wood roof construction, composition roofing and steel sash.

The addition to the school building will contain three classrooms, as well as incidental rooms and a cloister connecting it with the existing school structure.

Additional Work at Hassler Home Slated

Director A. D. Wilder of the San Francisco Department of Public Works yesterday called for bids, to be opened December 28, for construction of mechanical equipment and plumbing, and electrical work for the kitchen and dining room building at Hassler Health Home.

The mechanical equipment and plumbing work is estimated to cost \$8,000; the electrical work, \$3,000.

AZEVEDO LOW ON J. C. UNITS AT SACRAMENTO

\$234,285 Low Proposal Submitted; Lindgren & Swinerton Second

SACRAMENTO, Dec. 20.—Azevedo Construction Co., Sacramento today submitted a low bid of \$234,285 to the Sacramento board of education for construction of four new buildings at the Sacramento Junior College.

Lindgren & Swinerton, Inc., San Francisco, at \$244,500 submitted the second low proposal.

Other bidders included: H. W. Robertson, Sacramento, \$244,812; Campbell Const. Co., Sacramento, \$244,826; and Lawrence Const. Co., Sacramento, \$256,600.

To be constructed under the contract for which bids were received today are:

1. Home economics building.
2. Aeronautics shop building.
3. Cafeteria and students' cooperative store.
4. Engineering building.

The building will be financed in part by a special bond issue approved by the voters at an election in September, together with a 45 per cent grant from the Public Works Administration.

Plans for the buildings were prepared by Architect Harry J. Devine of Sacramento.

Iron, Steel Meeting Set for Feb. 9-10-11

Final plans for the Fifteenth Annual Conference of the Iron, Steel and Allied Industries, to be held under sponsorship of the California State Chamber of Commerce, were underway this week following announcement of the dates scheduled for the sessions.

The conference will be held at Hotel Del Monte during the second week in February, it was announced. Dates are February 9, 10 and 11.

BIDS JAN. 11 ON SISKIYOU GRADING WORK

Bids Also Invited for Underpass, Paving Projects in Los Angeles

SACRAMENTO, Dec. 20. — The State Highway Commission today authorized advertising for bids on three contracts for grade separation and highway construction in Siskiyou and Los Angeles counties.

Bids on the Northern California job will be opened in Sacramento January 11; bids on the two Los Angeles county projects will be opened in Los Angeles, January 12.

The first contract involves grading approximately 1.4 miles of highway between one-half mile east of Hamburg and Scott River in Siskiyou county.

On the following day bids will be opened for construction of an undergrade crossing under tracks of the Atchison, Topeka and Santa Fe Railway Company at Chapman Station on Rosemead boulevard in Los Angeles county.

The crossing will consist of steel track spans on reinforced concrete piers and abutments on treated pile foundations. About 0.3 mile of grading and paving with Portland cement concrete are involved in the contract, also.

Principal items include: 33,600 cubic yards of unclassified excavation; 4,850 cubic yards of structural excavation; 98 tons of liquid asphalt; 1,670 cubic yards of Class B concrete pavement; 160,500 lbs. of bar reinforcing steel; 960 cubic yards of Class A Portland cement concrete structures; 428,000 pounds of structural steel; 91,000 pounds of ballast plates; 320 lineal feet of CMP; and 500 cubic yards of Class A Portland cement slope paving.

The State Division of Highways in Los Angeles will also open bids on a contract for 0.4 mile of grading and paving with asphaltic concrete, Portland cement concrete and plant-mixed surfacing between North Main street and Mission road in Los Angeles county.

NEW WESTINGHOUSE CATALOG AVAILABLE

A ribbon of paper 11,000,000 ft. long and five feet wide has begun whirring through the presses to form 82,000 copies of the new 1939-40 General Catalog listing some 100,000 styles and sizes of products of the Westinghouse Electric & Manufacturing Company. Edited at the East Pittsburgh Westinghouse Works, the new catalog will have provided more than 26,000 man-hours of work.

A special copy of the catalog was included among the exhibits of this age deposited within the Time Capsule at the New York World's Fair grounds recently, to await discovery by archaeologists 5,000 years from now.

PWA Assistance Given to Airport Work Across U. S.

Travelers of the Nation's skyways will enjoy better airport facilities in twenty cities from New England to California as a result of municipal airport projects aided by PWA funds, Public Works Administrator Harold L. Ickes announced recently.

PWA has made a total grant of \$7,369,435 toward projects for new hangars, administration and concession buildings, loading and taxi aprons and other improvements to cost \$11,765,641.

Topping the list was a grant of \$6,300,000 for the construction of an entirely new airport for the Nation's Capital that will, when completed, be one of the finest in the world and will set a standard for future airport construction.

Improvements at the Municipal Airport of Indianapolis to cost \$97,000 will not only affect air travelers but will be part of the plan of the Civil Aeronautics Authority and the City of Indianapolis for the development of a large aeronautical testing station for the promotion of safety in air transportation.

Because of greatly increased air travel in and out of Reading, Pa., a concession building for the convenience of air passengers will be built with PWA funds and at a cost of \$14,910. A new \$240,000 passenger terminal at the Kansas City, Missouri Airport will be built to replace the present terminal, which is deemed to be obsolete and inadequate for present needs. The last word in construction and design, the new terminal will include waiting rooms, ticket offices, administration offices, air traffic control room, beacon and observation tower.

In line with general improvements at the Municipal Airport at Houston, Texas, a project has been approved for a new administration building, hangar, loading platforms and landscaping—to cost \$250,000. In addition to the Municipal Airport improvements, the State of Texas applied for and was allotted \$69,525 toward the construction of an administration building and two hangars to be used by the 36th Aviation Division of the Texas National Guard at the National Guard Airport in Houston.

Thus PWA has had a share in the nation-wide improvement of airports for the comfort of passengers and the safety of air transportation.

Factory sales of mechanical strikers during Oct., 1938, amounted to 15,728 units, as compared to sales totaling 14,492 units during October, 1937, the Bureau of Census reports.

WESTERN GOV'T BUILDING JOBS NEAR BID STAGE

Preparing Specs. on Fresno Project; S.S.F. Post Office Plans Complete

Several new Western contracts in the current federal building program will be ready for bids soon, according to a summary released this week by the Procurement Division, Public Buildings Branch.

Status of the program as of December 1 for California, Arizona and Nevada was as follows:

Specification Stage

Fullerton, \$123,000; Livermore, \$87,000; Venice, \$160,000; Fresno, \$870,000; Riverside, \$330,000; Yerington, Nev., \$75,000.

Plans 100 Per Cent Complete

Los Angeles (post office and courthouse addition), \$550,000; San Diego, \$150,000; South San Francisco, \$111,000.

Working Drawings

San Francisco, \$2,000,000.

Tentative Plans

Lancaster, \$75,000; Reedley, \$75,000; Oxnard, \$124,000; Bell Gardens, \$122,000; Lynwood, \$75,000; Placerville \$85,000; San Francisco (appraiser's store), \$4,250,000; Wilmington, \$189,000; Yuba City, \$109,000.

Sites Selected

Antioch, \$75,000; Bellflower, \$75,000; Brulington, \$215,000; Ontario \$150,000.

Sites Advertised for

Albuquerque, N. M., \$925,000; Bakersfield, \$320,000; Eagle Rock, \$90,000; Mill Valley, \$75,000; St. Helena, \$75,000; San Leandro, \$100,000; Tempe, Ariz., \$85,000; Yreka, \$146,000; Campo (Border Station), \$20,000; Los Angeles (appraiser's store), \$1,175,000; Sonoyta, Ariz. (Border Station), \$20,000; Lochiel, Arizona (Border Station), \$13,000.

Site Surveys Ordered

Covina, \$82,000; Gardena, \$75,000; Calexico, \$111,000; Culver City, \$129,000; San Francisco, \$90,000.

G-E LIGHT CONTROL INSTALLED IN L. A.

An installation of automatic light control has been made by Van Camp Sea Food Co., Inc., of the Pacific Coast, at its Terminal Island offices. In the installation, four rows of luminaries are controlled independently by General Electric photoelectric equipment.

Although the office has a large amount of natural illumination, the four phototubes, each of which controls one row of luminaries, keeps the illumination level at a desired point at all times, according to General Electric. The lights next to the windows are turned off first, as natural illumination increases, while the inner rows of lights are on the greater portion of the time.

1938 BUILDING TOTAL FOR S. F. AT \$12,273,325

**Construction During Year Tops
'37 Figure By More Than
\$1,000,000**

Construction in San Francisco from January 1 to December 17, 1938, inclusive, amounted to \$12,273,325, more than \$1,000,000 higher than the figure for the same period in 1937, according to a report issued yesterday by Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

While substantial gains were made in all but one type of residential construction, commercial building dropped below the record for last year, Edward C. Johnson, Bureau statistician, pointed out.

The abatement for residential and commercial construction during the first eleven and one-half months of 1938 shows 2,284 permits issued for work costing \$12,273,325, as compared to 1,757 permits for construction estimated to cost \$11,067,983 issued during the same period in 1937.

Construction of 1-family frame dwellings was the bright spot of the year, with 1,984 permits issued for this type of work estimated to cost \$8,078,240 in the aggregate. During 1937, 1,517 permits were issued for one-family dwellings cost \$6,558,407.

Two-family dwellings also showed striking gains with 178 permits issued for construction costing \$1,361,820, as compared to 88 permits issued in 1937 for homes costing \$619,900.

Although twenty-two apartments were constructed in each year, the total for 1938 was \$1,033,700, as compared to \$754,000 for 1937. Construction of one- and two-family dwellings with stores dropped slightly.

Declines were registered in all types of commercial construction. For Class A, B, and C construction, 93 permits were issued this year for a total of \$1,764,015, as compared to 123 permits issued in 1937 for a total of \$3,092,976.

DECEMBER WELDING BULLETIN PUBLISHED

The December issue of Oxy-Acetylene Tips, published by the Linde Air Products Company, is off the press and ready for distribution, it is announced. Copies may be obtained from the Linde Air Products Company, 30 East Forty-second street, New York.

Articles in the December issue include: Longer life for steel producing and fabricating equipment; Better hog knives; More poles per day; Good as new; and notes on the industry. The cover illustration shows a 90-degree welding elbow being tied-in to standard 6-inch diameter pipe for 125 pound per square inch steam service.

NAVY INVITES BIDS ON MARE ISLAND WORK

WASHINGTON, D. C., Dec. 19. —Today saw activity on four fronts as the Navy Department, Bureau of Yards & Docks, called for bids on two projects, opened bids on a \$43,000 job, and awarded a \$431,000 contract.

Bids were called, to be opened January 25, for construction of a supply storehouse at the Navy Yard on Mare Island. The proposed storehouse is estimated to cost \$800,000.

The second call for bids involves construction of the superstructure for the foundry building at Mare Island. Announcement of the \$350,000 project was made some time ago.

Today the Bureau of Yards and Docks set January 25 as the date for opening bids.

\$350,000 Job

The proposed superstructure will be 180 feet wide by 408 feet long. The contract will include: earthwork; concrete work; miscellaneous steel and iron; roofing; sheet metal work; membrane waterproofing; metal windows and doors; carpentry and woodwork; hardware; glazing; painting and a roof drainage system.

F. E. Young, at \$43,000 (Item One), submitted the low bid for improvements to Building No. 4 (battery and metal shop), at the Naval Operating Base, San Diego.

Other bidders included: Hunt & Curry, \$43,900; E. F. Bryans, \$43,923; George Goedhart, \$44,444; H. H. Peterson, \$44,640; and Georgia Construction Co., \$45,110.

Healy-Tibbitts Construction Co., at \$431,000, was awarded the contract for construction of a 1,000-foot extension to the quay wall at the Navy Yard, Mare Island.

Northwest Lumber Bookings Steady

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending December 10, 1938 produced 89,911,322 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 57.2 per cent of its average weekly cut during 1926-1929.

The new business reported taken by the 151 mills was 102,601,444 board feet. Shipments were 74,212,772.

The unfilled order file at these mills stood at 310,607,177 board feet.

Production of steel railway specialties during Oct., 1938, amounted to 5,986 short tons, as compared to production of 8,353 short tons during the preceding month, the Bureau of Census reports.

GEO. SWANSTROM LOW ON SCHOOL RECONSTRUCT'N

**Bids Golden Gate Jr. High
Work; Johnson Low on
Toler Heights Job**

Low bids aggregating approximately \$72,000 were submitted yesterday to the Oakland school board for reconstruction work at Golden Gate Junior High School and Toler Heights elementary school.

George Swanstrom, 1615 78th avenue, Oakland, at \$53,150 was low bidder for reconstructing the South wing of the Golden Gate Junior High School, 63rd street and San Pablo avenue.

F. C. Stolte Co., Alameda, was second low bidder at \$55,444. Other bids included Carl N. Swenson Co., San Jose, \$55,700; Peter Sartorio, San Francisco, \$64,844; and Central California Construction Company, San Francisco, \$68,888.

Toler Heights School

Lowest bidder for reconstruction of the Toler Heights Elementary School was S. G. Johnson, 4652 Dolores avenue, Oakland, with a proposal of \$18,975.

Second and third low bidders, respectively, were George Swanstrom at \$19,366 and Carl N. Swenson Co., at \$20,500.

Other bids were: E. T. Leiter Sons, Oakland, \$22,887; and F. C. Stolte Co., Alameda, \$23,663.

Plans for both reconstruction projects were prepared under direction of Charles A. Whitton, engineer for the Oakland School District.

Geo. Windsor Heads Eastbay Contractors

George Windsor last week was elected president of the General Contractors & Builders Association of the East Bay. Executive-Manager Geo. H. Sharp announced Saturday.

Other members of the board of directors who were elected officers at last week's board meeting are: A. A. Fair, vice-president; H. K. Schultz, secretary-treasurer; A. B. Villadsen, assistant treasurer. Geo. H. Sharp was re-appointed executive-manager for the ensuing year.

New members of the board of directors elected at the November 29 membership meeting are Walter Pressler and Frank W. Anderson. Re-elected were Messrs. Windsor, Fair, Schulz, S. G. Johnson, S. M. Shapero, J. J. Moore and A. E. Gould.

Factory sales of mechanical stokers for the first ten months of 1938 amounted to 83,249 units, as compared to sales of 90,699 units during the same period in 1937, the Bureau of Census announces.

\$8,800,000,000 Construction Volume For 1938 Largest Total in Eight Years

Construction activity in the United States during 1938 will aggregate approximately \$8,800,000,000, the largest total reported in any year since 1930, according to the annual estimate released today by the Bureau of Foreign and Domestic Commerce and published in the December issue of the Survey of Current Business. The total, which includes not only the estimated current expenditure during the year for new construction, but also maintenance and work-relief construction, is an increase over the revised estimates of \$8,675,000,000 for 1937. The increase in 1938 was the result of a gain of \$540,000,000 in public construction, which more than offset the decline in private work. The movements of the preceding year were thus reversed—in 1937 the expansion as compared with 1936 was the result of a substantial increase in private work, while public expenditures for construction projects declined. Although the increase for the year 1938 was the fifth consecutive yearly gain, total expenditures for construction in 1938 were one-fourth less than the average volume during the decade from 1920 to 1929. The report continues:

"There is a considerable variation in the movement of construction volume not indicated in the yearly estimates. While no series is fully adequate to measure construction expenditures in a given month, the indications are that projects were initiated in comparatively large volume during the first half of 1937, continuing the upward movement of the previous three years. Beginning in August and September, 1937, the volume of construction started fell off and continued at lower levels to the end of the year. The recession in construction projects initiated, excepting work-relief projects, continued through the first half of 1938, but in the third quarter the volume of construction work undertaken rose to higher levels than a year earlier, and in the closing months of this year the totals were considerably larger than in 1937. The advance in construction in the latter part of 1938 was the result of a larger volume of public-works projects under the revived program of the Public Works Administration and increased private residential building stimulated by lower building costs and lower interest charges and smaller initial payments required under the amended program of the Federal Housing Administration.

"New construction activity, which does not include maintenance and work-relief, declined slightly from \$5,340,000,000 in 1937 to \$5,200,000,000 in 1938; however, it was more than twice the 1933 figure. This category of construction averaged \$9,000,000,000 annually in the ten-year period ending in 1929 and attained a peak

of \$10,948,000,000 in 1927. The significance of this loss of nearly \$5,000,000,000 is not fully realized until one considers the effect upon the whole economy of such an expenditure not only in the industry itself but also upon the attendant industries such as building materials, real estate, transportation, etc. Private residential construction declined in 1938 more than \$100,000,000 to \$1,285,000,000 and constituted but 25 per cent of all new construction as compared with an average of about 40 per cent for the decade of the 1920's. In spite of a decline in dollar volume the number of dwelling units upon which construction was started in 1938 was higher than in any year since 1929 and may attain 360,000 units. This total includes both private and public residential, but the increase is virtually all in the private field. As compared with other recent years residential building in 1938 was improved, but as compared with the years 1920 to 1929 when the annual average number of units reached the high average of 675,000, activity was relatively low.

"Primarily as a result of a drop of about one-third in factory building in 1938, total private non-residential construction declined from \$894,000,000 to \$745,000,000. Public utility companies spent approximately 20 per cent less for new construction in 1938 than in the previous year. Recently improved business conditions have favorably influenced the outlook for this type of construction.

"New public construction, excluding federal work-relief construction, of the Federal Government was \$1,275,000,000 in 1936. The total for 1937 was slightly lower, and in 1938 the total is estimated at \$1,310,000,000. The work-relief construction of the Federal Government under the Works Progress Administration is estimated to be 1,000,000,000 for 1938, a considerable increase over the preceding year and almost equal to the total expenditure made for the peak year 1936. State and local government construction also increased in 1938 and totaled more than \$1,000,000,000."

Shipments of deep well water systems during Oct., 1938, amounted to 2,704 units, as compared to shipments totaling 2,642 units during the same month in 1937, according to the Bureau of Census.

CITY SPEEDING WORK ON PWA BUILDING JOBS

Wilder Opens Bids on Six Projects; Awards Contracts For Seven Others

Rushing work on San Francisco's PWA school and hospital construction programs, Director A. D. Wilder of the Department of Public Works yesterday opened bids on six projects and awarded seven contracts.

Star Delta Electric Works, at \$17,990, submitted the low bid for installing a steam turbine generator set at Laguna Honda Home, the largest job for which bids were opened. H. S. Tittle Company, at \$18,394, and Corey and Joslin, at \$18,842, offered the second and third lowest proposals.

Only two bids were submitted for installing an elevator in the psychopathic building at San Francisco Hospital. Otis Elevator Co., at \$9,214, was the low bidder, followed by Westinghouse Electric Elevator Company at \$10,657.

Removing Partitions

Miller Construction Company at \$2,365 was the low bidder for removing tile partitions and other work at San Francisco Hospital.

Piombo Brothers and Company, at \$2,650 submitted low proposal for grading at Hassler Health Home.

Low bidder for work at Laguna Honda Home was Simon Brothers at \$1465.

M. B. McGowan, Inc., submitted the low bid for driving piles for Engine House No. 35 on Bluxome street.

Contracts Awarded

Awards were made as follows: West Construction Co., at \$8,735, for roads at San Francisco Junior College; De Luca & Sons, at \$19,748, for construction of a kindergarten building at Glen Park School; Rosenberg Bros., at \$422,50, for grading at Francis Scott Key School; Cleveland Wrecking Co., at \$185, for clearing Outer Mission High School site; R. A. McLean & Co., at \$51,639, for constructing kitchen and dining room building at Hassler Health Home; and M. E. Vukicevich at \$4,127, for partitions at the Public Welfare Department Building.

The bid call for construction of the Science Building at San Francisco Junior College, slated for December 28, was cancelled. Bids will be called at a later date.

The cost of interurban facilities over and in connection with the Bridge which the California Toll Bridge Authority furnishes is approximately \$18,000,000.

Peak Passed in All-American Canal Work; Coachella Branch Construction Underway

While work is still in progress on certain structures along the 80-mile route of the All-American Canal and work is only well started on the 130-mile Coachella Branch Canal, the peak of construction on this project has been passed, John C. Page, Commissioner, Bureau of Reclamation, reported yesterday to Secretary of the Interior Harold L. Ickes.

With the completion of the Imperial Dam and Desilting Works and completion of the excavation of the great canal this year, the biggest part of the job was done. In addition, all structures on the first 35-mile stretch of the canal have been completed, including 4 major siphons, 8 overchutes to carry flood waters from washes across the canal, three highway and one railroad bridges, a check and wasteway at Pilot Knob and several canal turnouts and minor structures.

Work is in progress on all the remaining structures along the main line of the canal and these features should be completed next summer. Major structures now under construction include four power drops, a siphon of two steel pipes 15 feet, 6 inches in diameter across the New River and a crossing of the Alamo River. In addition a number of turnouts, bridges and minor control works are being built.

From a high point of more than 2,500, employment has now settled down to about 1,000 men.

Coachella Branch

Construction of the branch canal to the Coachella Valley was begun August 4, 1938. This canal leaves the All-American Canal at the western edge of a ridge of sand hills which parallel the Colorado River and extends north to the upper end of Salton Sea before curving west. Excavation of 40 miles of this canal is in progress, and excavation of the next 13 miles soon will be advertised for contract.

The Boulder Canyon Act of December 21, 1928, provided for the construction of Boulder Dam and Power Plant and for a canal entirely in the United States, from the Colorado River to the Imperial Valley. The canal which now serves this area loops through Mexican territory for some sixty miles before reaching the farm lands in the United States. Operation and maintenance of this portion of the canal has always been difficult and expensive. Another serious feature has been that in periods of low water in the river, the Mexican lands were served first and farms in the United States frequently suffered from water shortage. Removal of silt from canals and maintenance of levees as protection against the floods of the Colorado have cost the farmers of Imperial Valley three-quarters of a million dollars annually. The All-American Canal will deliver water, from which the silt has been re-

moved by mechanical clarifiers, to this valley and to the Coachella valley through a canal lying entirely within the United States, the largest irrigation canal in the western hemisphere.

Imperial Dam constructed across the Colorado River about 17 miles above Yuma, Arizona, is a hollow concrete structure 32 feet high resting on a compacted earth fill 10 feet thick. At the eastern or Arizona abutment are the headgates for the canal which will serve the lands of the Gila project, now under construction.

Four Roller Gates

At the western or California abutment are the four 75-foot by 23-foot roller gates for the All-American Canal and the sluiceway. The total length of the dam is 3,430 feet. Adjacent to the dam are the desilting works for the All-American Canal, unique in irrigation practice. Covering almost 80 acres, three basins have been constructed, each containing 24 revolving scrapers 125 feet in diameter. Water entering the basins flows slowly across to an effluent weir allowing the heavier silt to fall to the bottom. The clarifiers moving at the rate of one revolution every 13 minutes will drag the silt toward the center of the scraper where by means of a pipe system it will be carried back into the sluiceway of the dam. Water carrying only the finest or colloidal silt will pass into the All-American Canal. Almost all of this silt will remain in suspension and little, if any, will be dropped to clog the canal system.

On October 18, Imperial Dam was formally dedicated by Secretary Ickes. Several thousand people watched the first water pour through the diversion channels as the Secretary threw the switch opening the headgates of the All-American Canal. As water flowed into the desilting basins, another switch was thrown which started the 72 revolving clarifiers. Thus, the seasoning of the first section of the canal was begun. The seasoning process will continue, as conditions in the river permit, throughout the coming year.

Orders for commercial steel castings booked during October, 1938, amounted to 25,418 short tons, as compared to orders for 25,565 short tons booked during the preceding month, the Bureau of Census reports.

S. F. HOUSING PROJECT LOANS WIN APPROVAL

\$1,985,000 Work to be Authorized Shortly; Architects Appointed.

San Francisco's slum clearance and low cost housing program this week enters the active stage following approval by U. S. Housing Administrator Nathan Straus of two loans aggregating \$1,985,000 for construction of the two initial units of the program.

Mr. Straus approved a loan of \$565,000 for construction of the Holly Park unit, to be erected at Holly Park Circle, and a loan of \$1,657,000 for the Potrero unit.

Executive Director A. J. Evers, A.I.A., of the San Francisco Housing Authority, under whose direction construction of the projects will be managed, last week rushed immediate preparations in order to get the program underway as soon as possible.

Architects Frederick H. Meyer, Warren C. Perry and John Bakewell have begun preparation of plans for the Potrero unit, according to Mr. Evers. Architect Meyer is chairman of the group which has been appointed to design the \$1,657,000 structures. This estimated cost includes the cost of land.

The Potrero unit, to be erected on Potrero Hill, will house three hundred dwelling units, Mr. Evers states.

Meanwhile, Architect Arthur Brown, Jr., is preparing plans for the Holly Park unit.

Land and buildings of the unit are estimated to cost \$565,000. The project, which is to be erected at Holly Park Circle, will contain 118 dwelling units.

Dept. of Electricity Starts 5-day Week

In accordance with a bill recently passed by the San Francisco Board of Supervisors, the Department of Electricity henceforth will operate on a five-day week, according to Chief Ralph W. Wiley.

The office at Room 205, City Hall, will be open from Monday to Friday, inclusive, from 8:20 A. M. to 5:15 P. M., and on Saturdays from 8:30 to 12:00 noon. On Saturday mornings there will be a skeleton crew in the office, but no inspections will be made in the field.

It is the desire of the Department not to curtail service to the public in any way, according to Mr. Wiley, and to this end the cooperation of the electrical industry is requested.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
3739-40	Beale	Bernhardt	5000
3741	Christensen	Owner	3000
3742	Dean	Johnson	10000
3743-4	Fraumeni	Owner	3000
3745	Lindsay	Owner	3500
3746	Murphy	Horstmeyer	1900
3747	Schmidt	Mod. Co.	1000
3748-50	Standard	Owner	3500
3751	Stern	Schell	8000
3752	Struthers	Owner	3000
3753	Tamfiche	Martinelli	1875
3754	Zanaria	Dream	2000
3755	Bushby	Larsen	4000
3756-7	Ingerman	Owner	3500
3758-9	Lindsay	Owner	3500
3759-1	Lindsay	Owner	4000
3762	Maslin	Owner	13000
3763	McDonough	Owner	4000
3764	McKeon	Owner	3400
3765	Nolan	Owner	2000
3766	Tiguard	Owner	3750
3767	Stoneson	Owner	5500
3768	Yick	Owner	8000
3769	Ehrman	Gladstone	4000
3770	Erickson	Centr. Calif.	4900
3771	Hanson	Owner	4000
3772	Rice	Hocking	1000
3773	California	Schell	3000
3774	Cevasco	McClenahan	2300
3775-6	Dall	Owner	3500
3777-8	Haight	Williams	8000
3779	Barber	Owner	3800
3780	Ntl. Shirt	Ostlund	2000
3781	Parson	United Rfg.	1000

FLATS

(3739) N GOLDEN GATE AVE. 44 E. Roselyn Terr. Two-story and basement frame flats.
Owner—Philb Beale, 145 Stanyan St.
Contractor—A. Bernhardt, 2406 22nd Ave.
Architect—Not given \$5000

FLATS

(3740) NE GOLDEN GATE AVE & Roselyn Terr. Two-story and basement frame flats
Owner—Philb Beale, 145 Stanyan St.
Contractor—A. Bernhardt, 2406 22nd Avenue.
Architect—Not given. \$5000

DWELLINGS

(3741) N HEARST 175, 200, 225, 250, 275 E. Baden. Five (5) 1-story & basement frame dwellings.
Owner—H. Christensen, 1800 19th Avenue.
Architect—Not given. \$3000 ea.

SKATING RINK

(3742) NE EDDY AND JONES. Alter skating rink.
Owner—W. and H. Dean, c/o cot Contractor—Karl R. Johnson, 3930 O'Farrell St.
Architect—Not given. \$10,000

DWELLING

(3743) W. BOWDOIN 34 S Silver Ave. One-story and basement frame dwelling.
Owner—Jos Fraumeni, 525 Edinburg.
Architect—Albert H. Larsen, 333 Kearny St. \$3000

DWELLING

(3744) W. BOWDOIN 64 S. Silver Ave. One-story and basement frame dwelling.
Owner—Joseph Fraumeni, 525 Edinburg.
Architect—Albert H. Larsen, 333 Kearny St. \$3000

DWELLING

(3745) W. 26th Ave. 175 S. Judah St. One-story and basement frame dwelling.
Owner—E. C. Lindsay, 1176 Alemany Blvd.
Architect—Not given. \$3500

ALTERATIONS

(3746) 125 SATURN ST. Alter flats.
Owner—Mrs. Murphy, prem.
Contractor—W. Horstmeyer, 31 Ord Street.
Architect—Not given. \$1900

ALTERATIONS

(3747) 1376 VALLEJO ST. Alter apts.
Owner—P. Schmidt, prem.
Contractor—Modernization Co. of Cal, 3601 Geary Blvd.
Architect—Not given. \$1000

DWELLINGS

(3748) W. 26th AVE 100, 150, 175, 200, 225 S. Quintara. Five (5) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500 ea.

DWELLINGS

(3749) E. 36th AVE. 250, 275, 300, 325, 350, 375, 400, 425, 450, 475 S. Lawton St. Ten (10) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500 ea.

DWELLINGS

(3750) E. 36th AVE. 25, 50, 75, N Santiago. Three (3) 1-story and basement frame dwellings.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not given. \$3500 ea.

ALTERATIONS

(3751) SW POST AND KEARNY Sts. Alter storage.
Owner—Sam Stern, Portland, Ore.
Contractor—Fred W. Schell, 666 Mission St.
Architect—Albert Williams, 251 Post Street. \$8000

DWELLING

(3752) NE SCOTIA 34 S. Silver Ave. One-story and basement frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission St.
Architect—Not given. \$3000

(3753) 65 MACONDRAY LANE. Alter dwelling.

Owner—Mary Tamfiche, 2100 Jones Street.
Contractor—Martinelli Const. Co., 44 Mary St.
Architect—Not given. \$1875

DWELLING

(3754) W. 47th AVE. 100 S. Taraval St. One-story and basement frame dwelling.
Owner—Rosa Zanaria, 416 Kearny Street.
Contractor—Dream Home Builders, 416 Kearny St.
Architect—Not given. \$2000

DWELLING

(3755) NE LAIDLAY 75 SE Harper. One-story and basement frame dwelling.
Owner—Claude E. Bushby, c/o 2195 Mission St.
Contractor—S. Larsen, 365 Ashton Avenue.
Architect—Not given. \$4000

DWELLING

(3756) N. VICENTE 57 W 16th Ave. One-story and basement frame dwelling.
Owner—C. Ingerman, 1215 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3757) N. VINCENTE 32 W. 16th Avenue. One-story and basement frame dwelling.
Owner—C. Ingerman, 1215 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3758) E. 31st AVE 175 S. Lawton St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3759) E. 31st AVE. 200 S. Lawton Street. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$3500

DWELLING

(3760) E. 31st AVE. 125 S. Lawton St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

DWELLING

(3761) E. 31st AVE. 100 S. Lawton Street. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

APARTMENT HOUSE

(3762) E. 17th AVE. 55 N Irving St. Two-story and basement frame apartment house.
Owner—Caroline Maslin, 479 7th Ave
Architect—Not given. \$13,000

DWELLING

(3763) N 22nd STREET 160 Noe. One-story and basement frame dwelling.
Owner—M. McDonough, 148 Randall.
Architect—C. O. Clausen, 746 46th Avenue. \$4000

DWELLINGS

(3764) W. 30th AVE. 225, 250, 275, 300, 325, 350 S. Quintara. Six (6) one-story and basement frame dwellings.
Owner—C. T. McKeon, 2194 30th Ave.
Architect—Not given. \$3900 ea.

DWELLING

(3765) W. SHAKESPEARE 450 S. Head. One-story and basement frame dwelling.
Owner—Hazel Nolan, 135 Shakespeare.
Architect—Not given. \$2000

DWELLING

(3766) W. 46th AVE. 250 N. Taraval Street. One-story and basement frame dwelling.
Owner—Jean Tignard, 2330 48th Ave.
Architect—Not given. \$3750

DWELLING

(3767) W. LAGUNITAS DR., 43 S Sloat. Two-story and basement frame dwelling.

Owner and Builder—Stoneson Bros.,
1 Sloat Blvd.
Architect—Harold G. Stoner, 251
Kearny Street. \$5,500

DWELLING
(3768) N JACKSON 20 W Auburn.
Two - story and basement frame
dwelling.

Owner and Builder—Frank Yick, 670
Washington St.
Architect—F. W. Dakin, 625 Market
Street. \$8,000

ALTERATIONS
(3769) 3720 WASHINGTON Street,
Alter garage.

Owner—Alfred Ehrman, 3730 Wash-
ington St.

Contractor—D. B. Gladstone, 557
Market St.

Architects—Farr and Ward, 68 Post
Street. \$4000

DWELLING
(3770) E VALE 196 N. Sloat Blvd.
One-story and basement frame
dwelling.

Owner—E. Erickson, 514 Miramar.
Contractor—Central Calif. Const. Co.,
115 Burrows St.

Architect—Not given. \$4900

DWELLING
(3771) W. 32nd AVE. 100 N. Kirk-
ham. One-story and basement
frame dwelling.

Owner—Hanson and Kilnt, 2311 32nd
Avenue.

Architect—Not given. \$4000

ALTERATIONS
(3772) 4924 CALIFORNIA STREET.
Alter dwelling.

Owner—Mrs. Manuel Rice, premises.
Contractor—W. B. Hocking, 2216 Cle-
met St.

Architect—Not given. \$1000

ALTERATIONS
(3773) 1135 BUSH ST. Alter apart-
ment house.

Owner—California Mortgage Com-
pany, Mills Tower.

Contractor—Fred W. Schell, 666 Mis-
sion Street

Architect—Not Given. \$3,000

(3774) SW THIRD and 22nd Streets.
Alter rooming house.

Owner—Mary and Arthur Cevalco,
c/o 340 Bush Street.

Contractor—T. W. McClenahan, 333
16th Avenue.

Architect—Not Given. \$2,000

DWELLING
(3775) SE CAYUGA 100 SW Oneida
Ave. One - story and basement
frame dwelling.

Owner and Builder—John Dall, 621
Cordova Street.

Architect—Not Given. \$3,500

DWELLING
(3776) SE CAYUGA 125 SW Oneida
Ave. One - story and basement
frame dwelling.

Owner and Builder—John Dall, 621
Cordova Street.

Architect—Not Given. \$3,500

FLATS
(3777) W 14th AVE. 150 N Irving St.
Two - story and basement frame
flats.

Owner—R. M. and Helen Haight, 238
Hillside Blvd., Daly City.

Contractor—Williams Const. Co., 3366
22nd Street.

Architect—Not Given. \$8,000

FLATS
(3778) W 14th AVE. 125 N Irving St.
Two - story and basement frame
flats.

Owner—R. M. and Helen Haight, 238
Hillside Blvd., Daly City.

Contractor—Williams Const. Co., 3366
22nd Street.

Architect—Not Given. \$8,000

DWELLING
(3779) N. ARLINGTON 180 W Wil-
der St. One-story and basement
frame dwelling.

Owner—H. Barber, 225 College.
Architect—Not given. \$3800

ALTERATIONS
(3780) 2540 MISSION STREET. Al-
ter store.

Owner—National Shirt Shop, 1001
Market St.

Contractor—Ostlund & Johnson, 1901
Bryant St.

Architect—Not given. \$2000

ALTERATIONS
(3781) 31 HOFFMAN STREET. Al-
ter dwelling.

Owner—Geo. T. Parsons, premises.
Contractor—United Roofing and Sid-
ing Co., 2906 Mission St.

Architect—Not given. \$1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2859	Gunter	Van Bokkelen	1400
2860	Clark	Owner	4500
2861	Leekins	Owner	4090
2862	Patterson	Patterson	5000
2863	Richards	George	4090
2864	Fecht	Joseph	4840
2865	Clum	Cox	1470
2866	Gilson	Holyoake	8500
2867	Grindstaff	Hunter	2800
2868	Hulen	Justice	3300
2869	Rinkert	Owner	2500
2870	Scherman	Spivock	3500
2871	Sivels	Teigland	1400
2872	California	Early	63000
2873	California	Early	57000
2874	California	Early	7500
2875	Brasch	Brasch	5000
2876-7	Hawley	West	2500
2878	Bot's	Luoma	3750
2879	Cameto	Haller	6000
2880	Guaranty	Owner	4090
2882	Elliott	Boyce	6500
2883	Burnett	Owner	4000
2884	Ellethorpe	Alexander	3000
2885	Lincoln	Owner	2900
2886	Swell	Cook	1800
2887	Cal. Linen Sup.	Jones	1200
2888	Johnson	Johnson	3000
2889	Luke	Potter	4800
2890	Smith	Armstrong	13000
2891	Adams	Correla	2925
2892	Berkeley	Owner	2000
2893	Evler	Palge	14000
2894	Hildebrand	Maki	3900
2895	Eureka	Leekins	2250
2896	Jaeger	Owner	2000
2897	Steel	Justice	3000

ADDITIONS
(2859) 2438 WARRING, BERKE-
LEY. Additions.

Owner—C. E. Gunter, premises.
Contractor—W. K. Van Bokkelen, 439
23rd St., Oakland.

Architect—Not Given. \$1,400

DWELLING
(2860) 4138 EASTLAKE AVENUE,
OAKLAND. One-story five-room
dwelling.

Owner and Builder—John N. Clark,
3374 Kiwanis Street.

Architect—Not Given. \$4,500

DWELLING
(2861) 2207 17th AVE., OAKLAND.
One-story 5-room dwelling.

Owner and Builder—C. W. Leekins,
6054 La Salle Ave.

Architect—Not Given. \$4,000

One-story garage, \$250.

DWELLING
(2862) 3101 PARTRIDGE, OAK-
LAND. One-story 5-rm. dwelling.

Owner—D. E. Patterson, 3607 Fruit-
vale Ave.

Contractor—J. F. Patterson, 7621
Foothill Blvd.

Architect—Not Given. \$5,000

DWELLING
(2863) 2001 ASILOMAR DR., OAK-
LAND. One-story 5-rm. dwell-
ing.

Owner—Dave Richards.
Contractor—William George, 1201
Dwight Way, Berkeley.

Architect—Not Given. \$4,000

2881 Tilton Owner 5000

DWELLING
(2864) 1075 CRESTON ROAD, BER-
KELEY. One-story 5-room frame
dwelling and garage.

Owner—Hermine Hecht and Evelyn
Fromm, 60 Cordonices Road.

Contractor—C. E. Joseph, 2064 Hum-
boldt Avenue.

Architect—Not Given. \$4,840

ALTERATIONS
(2865) 2927 GROVE ST., OAKLAND
Alterations.

Owner—Ed Clum, premises.
Contractor—Clifford R. Cox, 1069 E
12th Street.

Architect—Not Given. \$1,470

DWELLING
(2866) 4030 SEQUOYAH RD., OAK-
LAND. One-story 7-rm. dwelling.

Owner—D. Gilson.
Contractor—A. Holyoake, 2839 East
Ave., Hayward.

Architect—Not Given. \$8,500

DWELLING
(2867) 9416 LOWLOR, OAKLAND.
One-story 5-room dwelling.

Owner—Chas. Grindstaff, 1051 41st
Street.

Contractor—J. R. Hunter, 2356 25th
Avenue.

Architect—Not Given. \$2,800

DWELLING
(2868) 6625 LAIRD AVENUE, OAK-
LAND. One-story 6-rm. dwelling.

Owner—Jas. Hulen, 2069 1/2 Alameda
Avenue.

Contractor—N. F. Justice, 2206 Clin-
ton Ave., Alameda.

Architect—Not Given. \$3,300

One-story garage, \$150.

DWELLING
(2869) 3330 VALE AVENUE, OAK-
LAND. One-story 5-rm. dwelling.

Owner and Builder—Otto Rinkert,
2556 Humboldt Avenue

Architect—Not Given. \$2,500

DWELLING
(2870) 7509 VALENTINE ST., OAK-
LAND. One-story 5-rm. dwelling.

Owner—Sol Scherman, 2789 Foothill
Boulevard.

Contractor—Wm. Spivock, 921 Man-
dana Blvd.

Architect—Not Given. \$3,500

ADDITION
(2871) 4843 SHATTUCK AVE., OAK-
LAND. Addition.

Owner—Dr. Sivels, premises.
Contractor—C. M. Teigland, 525 49th
Street.

Architect—Not Given. \$1,400

INSPECTION BLDG
(2872) S. F.-OAKLAND Bay Bridge
Approach. One-story steel inspec-
tion building.

Owner—State of California, Dept. of
Public Works.

Contractor—Fred J. Early, Jr., 369
Pine St., San Francisco.

Architect—Not Given. \$63,000

One-story oil house, \$2500

INSPECTION BLDG.
(2873) S. F.-OAKLAND Bay Bridge
Approach. One-story steel inspec-
tion building.

Owner—State of California, Dept. of Public Works. Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco. Architect—Not Given. \$57,000 One-story oil house, \$2500.	SERVICE STATION (2884) 9727 SAN LEANDRO ST., OAKLAND. One-story steel service station. Owner—Lila Lee Ellithorpe, 224 Aragon Blvd., San Leandro. Contractor—F. D. Alexander, 1727 Franklin St. Architect—Not given. \$3000	OFFICE BUILDING (2895) 3737 SAN LEANDRO Street, Oakland. One-story office bldg. Owner—Eureka Mill & Lumber Co. Contractor—C. W. Leekins, 6054 La Salle Ave Architect—Not given \$2250
INSPECTION BLDG. (2874) S. F.-OAKLAND Bay Bridge Approach. One-story steel inspection building. Owner—State of California, Dept. of Public Works. Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco. Architect—Not Given. \$7,500	DWELLING (2885) 2301 109th AVE., OAKLAND. One-story, 5-room dwelling. Owner—W. G. Lincoln, 514 Estudillo, San Leandro. Garage, \$200. Architect—Not given. \$2900	ALTERATIONS & ADDITIONS (2896) 3945 39th AVE., OAKLAND. Alter and addition. Owner and Builder—Fred Jaeger, 3857 35th Ave Architect—Not given. \$2000
DWELLING (2875) 1440 LINCOLN, BERKELEY. Two-story 5-room frame dwelling. Owner—M. G. Brasch, 1600 Mountain Blvd., Oakland. Contractor—M. E. Brasch, 1600 Mtn. Blvd., Oakland. Architect—Not Given. \$5,000	ALTERATIONS (2886) 1219 PERALTA, BERKELEY. Alterations. Owner—L. E. Swell, 1219 Peralta. Contractor—C. S. Cook, 953 Neilson. Architect—Not given. \$1800	BUILDING CONTRACTS SAN FRANCISCO COUNTY
DWELLING (2876) 1560 NINTH ST., BERKELEY. One-story 5-room frame dwelling and garage. Owner—Stuart Hawley, Jr., Financial Center Bldg., Oakland. Contractor—Western Const. Co., 219 Richfield Bldg., Oakland. Architect—Not Given \$2,500	ALTERATIONS (2887) 989 41st STREET. OAKLAND. Alterations. Owner—California Lnen Supply Co. Contractor—S. W. Jones, 5829 Lawton Avenue. Architect—Not given. \$1200	430 Oreg. City Schell 19343 431 Philippines Goodenough 58870
DWELLING (2877) 1530 NINTH ST., OAKLAND. One-story 5-rm. frame dwelling. Owner—Stuart Hawley, Jr., Financial Center Bldg., Oakland. Contractor—Western Const. Co., 219 Richfield Bldg., Oakland. Architect—Not Given \$2,500	ALTERATIONS (2887) 989 41st STREET. OAKLAND. Alterations. Owner—California Lnen Supply Co. Contractor—S. W. Jones, 5829 Lawton Avenue. Architect—Not given. \$1200	ALTERATIONS SW POST AND KEARNY STS. Alter storage. Owner—Oregon City Woolen Mills, Portland, Ore. Architect—Albert R. Williams, 251 Post St. Contractor—Fred W. Schell, 1651 24th Avenue. Filed Dec. 15, '38. Dated Dec. 1, '38. Progress payments 50% Completion 25% Usual 35 days 25% TOTAL, \$19,343 Plans and specifications filed
DWELLING (2878) 683 45th ST., OAKLAND. One story 6-room dwelling. Owner—M. Botto, premisses. Contractor—E. J. Luoma, 2317 Browning St., Berkeley. Architect—Not Given. \$3,750	DWELLING (2888) 2676 74th AVE., OAKLAND. One-story, 5-room dwelling. Owner—M. H. Johnson. Contractor—Elmer Johnson, 5515 Foothill Blvd. Architect—Not given. \$8000	EXPOSITION BLDG. (431) YERBA BUENA SHOALS. Exposition Bldg. Owner—The Government of the Commonwealth of the Philippines. Architects—Birge M. Clark & David B. Clark, Palo Alto. Contractor—Wells P. Goodenough, 49 Wells Ave., Palo Alto. Filed Dec. 19, '38. Dated Dec. 16, '38. Weekly payments. TOTAL, \$58,870 Bond, \$30,000. Sureties, Della C. Gregory & H. P. Hansen. Limit 65 days. Plans and specifications filed.
DWELLING (2879) 5023 COCHRAN AVE., OAKLAND. Two-story 6-rm. dwelling. Owner—Leon Cameto, 2500 9th Ave. Contractor—P. H. Haller, 6221 Buena Vista Ave. Architect—Not Given. \$6,000	STORE (2890) 2314 SAN PABLO AVENUE, OAKLAND. One-story concrete store. Owner—Money-Back Smith. Contractor—J. R. Armstrong, 834 E. 10th St. Architect—E. MacDonald, 1710 Franklin Street. \$13,000	BUILDING CONTRACTS ALAMEDA COUNTY
DWELLING (2880) 2350 109th AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder—Guaranty Home Bldg. Co., 3275 Morcom Ave. Architect—Not Given. \$4,000	DWELLING (2891) 1604 ALLSTON WAY, BERKELEY. One-story frame dwelling and garage. Owner—Adams, 2205 California St. Contractor—A. E. Correla, 509 East 14th St., Oakland. Architect—Not given. \$2925	No. Owner Contractor Amt. 265 Lapham Guaranty 14000 266 Pac. T. & T. Anderson 2790
DWELLING (2881) 5224 PROCTOR AVE., OAKLAND. One-story 6-rm. dwelling. Owner and Builder—Paul Tilton, 4027 Waterhouse Road. Architect—Irwin Johnson, 2219 7th Avenue. \$5,000	CLUB HOUSE (2892) 699 POTTER ST., BERKELEY. One-story. 4-room club house Owner and Builder—City of Berkeley. Architect—Not given. \$2000	APARTMENTS (265) LOT 16, Oakland Prospect Homestead Assn property, Oakland. Two-story apt. house and garages. Owner—M. D. Lapham. Contractor—Guaranty Home Building Co., 3275 Morcom Ave. Filed, Dec. 17, '38. Dated, Sept. 20, '38. Roof on \$3500 Brown coated 3500 Completed 3500 Usual 35 days 3500 TOTAL COST, \$14,000 Limit, 120 days.
DWELLING (2882) 1184 KEELER, BERKELEY. Two-story, 5-room frame dwelling and garage. Owner—Dr. Lucile Elliott, 2320 Le Conte. Contractor—Boyce & Meade, 3801 Harrison Blvd., Oakland. Architect—Elizabeth Austin, 526 Powell St., San Francisco. \$6500	RESIDENCE (2893) 20 SANDRINGHAM PLACE, PIEDMONT. Two-story, 9-room residence. Owner—John M. Fowler, Orinda. Contractor—Harold L. Palge, 5651 Oak Grove, Oakland. Architects—Williams & Wastell. \$14,000	ALTERATIONS (266) 1018 B STREET, HAYWARD. Alterations. Owner—Pac. Tel. & Tel. Contractor—Geo. W. Anderson, 211 Hanover Ave., Oakland. Filed Dec. 19, '38. Dated Dec. 7, '38. First day each month, labor and mat. 75% Usual 40 days 25% TOTAL, \$2790.00 Bond, \$2790.00. Sureties, Pac. Indemnity Co. Plans and specifications filed.
DWELLING (2883) 5807 MORPETH STREET, OAKLAND. One-story, 5-room dwelling. Owner and Builder—C. H. Burnett, 2582 El Cominito. Architect—Not given. \$4000	DWELLING (2894) 1349 WATKINS, BERKELEY. One-story, 5-room frame dwelling and garage. Owner—D. Hildebrand. Contractor—Wm. Maki, 2301 Bowditch. Architect—Not given. \$3800	

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Eroads | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Building Insts. | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1—APARTMENTS

Contract Awarded APARTMENTS
MENLO PARK, San Mateo Co., Cal. One-story duplex apartments (two 4-rm. apts.) stucco walls, hardwood floors, floor furnaces, sheet rock interior, shingle roof, overhead garage doors, etc.

Owner—Mrs. F. I. Kurtz, c/o Arch. Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Contractor—H. C. Stewart, P. O. Box 893, Menlo Park.

7—FEDERAL BUILDINGS

LOW BIDDERS
ALAMEDA COUNTY, Cal.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$212,300 submitted low bid to the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for structural steel frame work for assembly and repair shop at the Naval Air Station, Alameda; Spec. No. 9032.

Judson-Pacific Co., San Francisco, at \$231,819, and Herrick Iron Works, Oakland, at \$235,800 submitted second and third low bids.

LOW BIDDERS
PUGET SOUND, Wash.—Winslow Marine Railway & Shipbuilding Co., Burke Bldg., Seattle, at \$389,650 submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for caisson gate of structural steel, including concrete ballast timber fenders, pumps, gate valves, fittings, motors and electrical work at Navy Yard, Puget Sound; Spec. 8969.

Second low bid submitted by Consolidated Steel Corp., Los Angeles, at \$389,750.
 (1094) 1st rep. Nov. 25; 2nd, Nov. 29, 1938.

LOW BIDDERS
MARE ISLAND, Solano Co., Calif.—American Bridge Co., Frick Bldg., Pittsburgh, Penn., at (item 1) \$508,366 (item 2) \$462,096 (item 3) \$555,020, submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steelwork for machine shop (250x900-ft) at the Navy Yard, Mare Island. Spec. No. 9044.

Bethlehem Steel Corp., San Francisco, at (1) \$523,700 (2) \$473,700 (3) \$572,700 and Moore Dry Dock Co., Oakland, at (1) \$574,350 (2) \$523,880 (3) \$624,875, submitted second and third low bids.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—As previously reported, until Jan. 25, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of a supply storehouse at Navy Yard, Mare Island; Spec. No. 8742. Est. cost, \$800,000.

Work includes concrete construction; glass block masonry; steel and iron work; roofing and sheet metal work; metal and metal covered drs; metal studding and lathing; metal partitions; plastering; woodwork; glazing; painting; elevators; refrigerating drinking fountains; and plumbing, heating and electrical systems.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, Calif., upon deposit of \$50, payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED

YERBA BUENA SHOALS.—E. M. Hundley Hardware Co., 662 Mission St., San Francisco, at \$1,115 submitted low bid to the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush St., San Francisco, for finish hardware in the Federal Bldg., Yerba Buena Shoals.

Complete bids were:
 E. M. Hundley Hdwe. Co. \$1,115
 Palace Hardware Co. 1,180
 Marshall-Newell Co. 1,340

BIDS WANTED

OLYMPIA, Thurston Co., Wash.—Until Dec. 28, 10 A. M., bids will be received by the Director of Highways, Olympia, for the construction of Headquarters Buildings for the Department of Highways, south of Olympia.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—Aqua Systems, Inc., San Francisco, at \$15,552 submitted only bid to the Constructing Quartermaster, Sacramento Air Depot, under Bid No. QM1 6870-39-10 for construction and completion of a Gasoline Fueling System form Engine Test Building at the Air Depot.

MATERIALS APPROVED

EUGENE, Ore.—The Treasury Department has approved the following equipment and materials awards for construction of the U. S. P. O. at Eugene; Geo. Isackson Co., contractors: Relief valve, Penberthy Injector Co.; mechanical trap, Sterling Engr. Co.; nonconducting covering for plumbing and heating, Plant Rubber & Asbestos Works; glassware, Phoenix Glass Co.

BIDS OPENED

SAN FRANCISCO.—Sartorius Co., 2520 18th St., at \$62.00 submitted low bid to the Custodian of the Building for collapsible gate on stairway of the U. S. P. O. Annex, San Francisco.

Complete bids were:
 Sartorius Company \$ 62.00
 Anike Iron Works 84.00
 Michel & Pfeiffer 94.00
 West Coast Wire & Iron W'ks 105.00
 Eureka Iron & Wire Works... 120.00

CONTRACT AWARDED

MARSHFIELD, Ore.—Henry L. Grohne, Decatur, Ill., at \$1,938 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for roof and misc. repairs, etc., at the U. S. P. O., at Marshfield, Ore.

BIDS OPENED

DENVER, Colo.—Green City Construction Co., 626 Broadway, Cincinnati, Ohio, at \$21,489 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for misc. repairs, changes, etc., at the U. S. Custom House, at Denver, Colo.

Complete bids were:
 Queen City Constr. Co., 626 Broadway, Cin., Ohio \$21,489
 Valley Renovating & Painters, Lockland, Ohio 28,701
 Newstrom-Devis & Co., Denver, Colo. 30,200
 N. G. Petry, Denver, Colo. 30,275
 The Moncrieff-Law Constr. Co., Denver, Colo. 34,298
 Midwest Painting Co., Chicago, Ill. 34,600
 A.W.L. Contracting Co., Denver, Colo. 34,900
 Dunn & Gibson Constr. Co., Denver, Colo. 35,547
 Peterson Co., Wash., D. C. 53,200

CONTRACT AWARDED

SAN DIEGO, Calif.—J. B. Worthington, 402 1/2 33rd St., San Diego, at \$1,072, awarded contract by the Procurement Division, Public Bldgs. Branch, Wash., D. C., for painting exterior concrete, etc., at the U.S. P.O., at San Diego.

Bids Wanted—To Close Feb. 3.
POSTOFFICE Est. Cost, \$80,000
HONOLULU, T. H. Construction of U. S. P. O. Schofield Barracks Branch.
 Owner—United States Government. Plans by the Supervising Architect, Treasury Dept., Wash., D. C.
 Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Wash., D. C.

CONTRACT AWARDED

PORTLAND, Ore.—Otis Elevator Co., 230 NW. 10th Ave., Portland, at \$595 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for installing elevator cables and making repairs at the U. S. P. O., Portland.

CONTRACT AWARDED

SAN DIEGO, Calif.—F. E. Young, 727 W. Ivy, San Diego, at \$47,664.00 (Items 1 and 2) submitted low bid to Bureau of Yards & Docks, Navy Department, Washington, D. C., for improvements to Bldg. No. 4 (Battery and Metal Shop) at the Naval Operating Base (Air Station) San Diego; Spec. 8797.

Complete bids on Item 1 follow:
 F. E. Young, San Diego \$43,000
 Hunt & Curry, San Diego 43,900
 F. F. Byrants, San Diego 43,923
 Geo. Goedhart, San Diego 44,444
 H. H. Petterson, San Diego 44,640
 Georgia Const. Co., San Diego 45,110
 C. F. VonGunden & Son, San Diego 45,230
 S. A. Cummings, San Diego 45,725
 Chas. T. Hoskins, San Diego 47,427
 J. E. Burrell & Son, Long Beach 48,176

MATERIALS APPROVED

PHOENIX, Ariz.—The Treasury Department approved the following equipment and materials awards for remodeling of the U. S. Courthouse, including elevators and air conditioning, Phoenix; Thos. L. Dawson Co., contractors; 8-point recorders for recording thermometers, Bristol Company. 7

BIDS WANTED

BRAWLEY, Imperial Co., Calif.—Until Jan. 6, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models, U. S. P. O., at Brawley. 7

Sub-Contracts Awarded

TRANSMITTING STATION

San Francisco. Price, \$170,889

MARE ISLAND, Solano Co.

High-frequency transmitting station including buildings and accessories at U. S. Navy Yard, Mare Island.

Owner—U. S. Navy Department.

Contractor—George J. Maurer, 50 York Drive, Piedmont.

Reinforcing Steel and Steel Sash—

Ceco Steel Products Co., 1280 Indiana St., San Francisco.

Plastering—M. J. King, 231 Franklin

St., San Francisco.

Special Concrete Finish—Kalman

Floor Co., 5152 Highland View

Ave., Los Angeles.

Tile—Superior Tile Co., 4939 Broad-

way, Oakland.

Marble—Clevri Marble Co., 221 Bay-

shore Blvd., San Francisco.

Terrazzo—Oakland Concrete & Ter-

razzo Co., 2227 Market St., Oak-

land.

Glass—Cobbedlick-Kibbe Glass Co.,

Washington and 3rd Sts., Oak-

land.

Plumbing, Heating and Cooling—

Herman Lawson Co., 465 Tehama

St., San Francisco.

Sheet Metal—Morrison & Co., 74 Du-

boce St., San Francisco.

Painting—Turgeon Painting Co., 2059

Webster St., Oakland.

Electric Work—Scott-Buttner Elec-

tric Co., 2214 Webster St., Oak-

land.

Structural Steel—Herrick Iron Wks.,

1739 Campbell St., Oakland.

Misc. Steel—Independent Iron Wks.

Ltd., 821 Pine St., Oakland.

Tubular Steel Doors—Michel and

Pfeffer Iron Works, Inc., 10th and

Harrison Sts., San Francisco.

Hollow Metal—Forderer Cornics Wks.,

269 Potrero Ave., San Francisco.

Steel Rolling Doors—The Cookson

Co., 964 Harrison Street, San

Francisco.

Roofing—General Roofing Co., 3985

Beach St., Oakland.

Rubber Tile Floors—American Art

Tile Co., 231 Franklin St., San

Francisco.

Acoustical Work—Van Arsdale-Harris

Co., 5th and Brannan Sts.,

San Francisco.

Lumber—E. K. Wood Lumber Co.,

1 Drumm St., San Francisco.

(533) 1st rep Aug. 29; 4th, Nov. 18,

1938. 7

BIDS OPENED

SAN FRANCISCO.—American Builders, Inc., 6th and Alaska Sts., Seattle, submitted low bid to the War Department, Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the fabrication of 13 portable demountable buildings for CCC camps in the 9th Corps Area.

Bids received for (1) for ball-head; and (2) for shipping point.

Complete bids follow:

American Builders, Inc., Seattle,

(1a) \$597; (2a) \$419; (1b) \$520; (2b)

\$419; (1c) \$1235; (2c) \$836; (1d) \$1,235; (2d) \$836; (1e) \$1855; (2e) \$1385; (1f) \$912; (2f) \$419; (1g) \$880; (2g) \$419; (1h) \$736; (1h) \$419.

Carlton Lumber Co., Portland, (2a) \$450; (2b) \$450; (2c) \$900; (2d) \$1720; (2f) \$450; (2g) \$450; (2h) \$450.

Prefabricated Const., Inc., Seattle,

(1a) \$602.40; (2a) \$460; (1b) \$540.82;

(2b) \$460; (1c) \$1524.12; (2c) \$920;

(1d) \$1,324.12; (2d) \$920; (1e) \$2526.55

(2e) \$1893; (1f) \$723.64; (2f) \$469;

(1g) \$706.32; (2g) \$460; (1h) \$629.34;

(2h) \$460. 7

BIDS WANTED

SCHOEFIELD BARRACKS, T. H.

—Until Jan. 17, 2 P. M., E.S.T. (post-

poned from Jan. 10) at the Office

of the Constructing Quartermaster,

New York City and Vicinity, 39

Whitehall St., New York, N. Y.; and

until Jan. 17, 11 A. M., P.S.T. at the

Office of the Constructing Quarter-

master, Fort Mason, San Francisco; and

until Jan. 17, 8:30 A. M., H.S.T., at

the Office of the Officer-in-

Charge of Construction, Hickam

Field, T. H., bids will be received

for constructing and completing bar-

acks buildings "A" and "B" at Scho-

field Barracks, T. H.

Plans and specifications may be

obtained from any of the above of-

fices upon deposit of \$25 certified

check payable to the Finance Officer.

7

COMPLETE BIDS

MARE ISLAND, Solano Co., Calif.

—Healy Tibbitts Construction Co., 1

Drumm St., San Francisco, at (item

1) \$787,000 (item 2) \$698,000 (item

3) \$604,000 (item 4) \$516,000 (item

5) \$469,000 (item 6) \$431,000 (item

7) \$284,000, submitted low bid to

the Bureau of Yards and Docks,

Navy Department, Washington, D.

C., for extension of 1000 feet to

Quaywall at the Navy Yard, Mare

Island. Spec. No. 9039.

Work includes concrete and steel

sheet piles; concrete walls, pipe tun-

nel, and crane track foundation;

timber platform on wood piles; wood

fender system; electric conduits;

bits; and filling.

Other bids were:

George Pollock Co., Sacramento,

(1) \$619,000, (2) \$731,000, (3) \$645,000,

(4) \$555,000, (5) \$511,000, (6) \$467,

000 (7) \$423,000.

P. C. Clifford, San Francisco, (1)

\$870,696, (2) \$779,720, (3) \$678,959, (4)

\$555,199 (5) \$537,179, (6) \$491,669, (7)

\$445,759.

A. W. Kitchen & Co., San Fran-

cisco, (1) \$975,721, (2) \$862,072, (3)

\$746,443, (4) \$630,917, (5) \$572,997, (6)

\$515,183, (7) \$457,370.

Clinton Construction Co., San Fran-

cisco, (1) \$1,032,000, (2) \$920,000, (3)

\$808,000, (4) \$686,000, (5) \$627,000, (6)

\$564,000, (7) \$503,000.

7

CONTRACTS AWARDED

YERBA BUENA SHOALS.—Baret-

t & Hilp, 918 Harrison St., San

Francisco, at \$17,408, awarded con-

tract under item B for exterior pav-

ing and L. Sartorio, 2627 Lombard

St., San Francisco, at \$14,945 award-

ed contract under item B for in-

terior paving in the Federal Bldg.,

Yerba Buena Shoals, by the United

States Golden Gate International

Exposition Commission, George Creel,

Commissioner, 200 Bush St., San

Francisco.

7

BIDS OPENED

SAN DIEGO, Cal.—San Diego Ele-

vators at the 11th Naval District (Naval Hospital), San Diego; Spec. 8832. Complete bids were: San Diego Elevator and Elec.

Company \$346.72

Mayer & Boyce, San Diego..... 382.07

Otis Elevator Co., S. F..... 449.25

7

CONTRACT AWARDED

ELKO, Nev.—Robt. McCarthy, 1363

14th Ave., San Francisco, at \$948.00

awarded contract by the Procurement

Division, Public Buildings Branch

Washington, D. C., for extension to

grilles over E. P. screens at the U.

S. P. O. at Elko. 7

CONTRACT AWARDED

ALCATRAZ ISLAND, Calif.—Pac-

ific Electrical Mfg. Co., 267 12th St.,

Richmond, at \$3,153 awarded con-

tract by the Procurement Division,

Public Bldgs. Branch, Washington,

D. C., for erecting steel grating par-

titions and steel window guards of

tool-resisting steel in and on Bldg.

No. 68, U. S. Penitentiary, Alcatraz,

Spec. 63. 7

BIDS WANTED

LOS ANGELES, Calif.—Until Dec.

28, 10:00 A. M., bids will be received

by the Procurement Division, Public

Bldgs. Branch, Washington, D.C.,

for landscape work at the U. S.

Quarantine Station at Los Angeles.

Drawings and specifications may

be obtained from the above office

and from the Construction Engineer

at the Building, Los Angeles. 7

BIDS WANTED

WENATCHEE, Wash.—Until Feb.

15, 10 A. M., bids will be received

by the Procurement Division, Public

Bldgs. Branch, Washington, D. C.,

for remodeling, etc., U. S. P. O.

Annex, Wenatchee, Wash.

Specifications may be obtained

from the above office and from the

Custodian of the Building at Wen-

atchee. 7

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 13

10 A. M., bids will be received by

the Procurement Division, Public

Buildings Branch, Washington, D. C.,

for metal counters, gates and rail-

ings in the U. S. P. O. and Court

House at Los Angeles.

Drawings and specifications may

be obtained from the above office

and from the Custodian of the Bldg.,

Los Angeles. 7

BIDS WANTED

FITZSIMONS, Colo.—Until Dec. 28

bids will be received by the Army

Dep't., Quartermaster Construction

Division, Washington, D. C., for con-

struction and completion of elevators

and dumb waiters for the Fitzsimons

General Hospital, Fitzsimons, Colo.

7

CONTRACT AWARDED

FITZSIMONS, Colo.—D. E. Kepner,

1921 Balke St., Denver, at \$1,047

(item 3) awarded contract for Cen-

trifugal pump in the Booster pump

station, Fitzsimons General Hospital,

Fitzsimons, Colo. 7

BIDS WANTED

YERBA BUENA SHOALS.—Until

Dec. 28, 3 P. M., bids will be re-

ceived by the U. S. Golden Gate In-

ternational Exposition Commission,

Geo. Creel, Commissioner, 200 Bush

St., San Francisco, for rugs and

carpets for the Federal Bldg., Yerba

Buena Shoals.

Specifications obtainable at Room

1400, 200 Bush St., San Francisco.

No deposit required.

BIDS WANTED

FITZSIMONS, Colo.—Until Dec. 28 bids will be received by the Army Dept., Quartermaster Construction Division, Washington, D. C., for construction and completion of Air Conditioning Equipment in the Fitzsimons General Hospital, Fitzsimons, Colo. 7

CONTRACT AWARDED

FITZSIMONS, Colo.—Newstrom & Davis & Co., Denver, Colo., at \$4,710 awarded contract by the Army Department, Quartermaster Construction Division, Washington, D. C., for Booster Pump Station, including connections to water mains, at the Fitzsimons General Hospital, Colo. 7

BIDS WANTED

SANTA MONICA, Los Angeles Co., Cal.—Until Jan. 17, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington D. C., for exterior stucco, etc., for the U. S. P. O., Santa Monica.

Drawings and specifications may be obtained from the above office. No deposit required. 7

Sub-Contracts Awarded

INDUSTRIAL BLDG. BERKELEY, Alameda Co., Cal. 5th and Grayson Streets.

Part 2-3- and 4-story steel frame industrial building with concrete walls and floors (approx. 160x220) Owner—West Coast Kalsomina Co., 5th and Grayson Sts., Berkeley. Plans by Engr. Department of Owner Contractor—John F. Tulloch, 335 8th St., Oakland.

Roofing and Sheet Metal—Central Sheet Metal and Roofing Co., 3240 Ette St., Oakland.

Plumbing—Max Finzel Plumbing Co., 2025 Hopkins, Oakland.

Glass—W. P. Fuller & Co., 259 10th St., Oakland.

Misc. Metal—Moore Dry Dock Co., Foot of Adeline St., Oakland.

Grading—J. Catucci, 1212 18th Ave., Oakland.

Lumber—Tilden Lumber Co., Foot of University, Berkeley.

Mill Work—The Oakland Planing Mills Inc., 2nd and Washington, Oakland.

Painting—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.

Lathing and Plastering—W. Makin, 2141 Livingston, Oakland.

Concrete—Transit Concrete Ltd., 2500 Peralta, Oakland.

CONTRACT AWARDED

MARS ISLAND, Solano Co., Calif.—Healy Tibbitts Construction Co., 1 Drumm St., San Francisco, at \$431,000 under item 6, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D.C., for extension of 1000 feet to Quay-wall at the Navy Yards, Mare Island; Spec. No. 9039.

Work includes concrete and steel sheet piles; concrete walls, pipe tunnel, and crane track foundations; timber platform on wood piles; wood fender system; electric conduits; bits; and filling.

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Jan. 25, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the superstructure for the foundry building at the Navy Yard, Mare Island; Spec. 9062. Est. cost \$350,000.

The building will be approximately 180 feet wide by 408 feet long and will include earthwork; concrete

work; miscellaneous steel and iron; roofing; sheetmetal work and membrane waterproofing; metal windows and doors; carpentry and woodwork; hardware; glazing; painting and roof drainage system.

As previously reported, drawing and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of \$25 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS OPENED

WINCHESTER BAY, Ore.—Curtis Gardner, 3830 NE 32nd St., Portland, at \$48,909 submitted low bid to Treasury Dept., U. S. Coast Guard, Washington, D. C., for the construction of a two-story frame dwelling (32x46-ft.) with a one-story wing (17x17-ft.) on each end, all having concrete foundations with basement; a frame equipment building (32x61-ft.), having a concrete foundation, concrete floor, and conc. approach slab, all complete with electric, heating and plumbing facilities, etc., together with all accessories required to construct the work at the Omppqua River, U. S. Coast Guard Station, Winchester Bay, Ore.

Second and third low bidders were: Teller Const. Co., Portland, \$51,938; and George H. Buckler, Portland, \$54,562.

CONTRACT AWARDED

NEWBERG, Ore.—Industrial Spray Painting Corp., Portland, at \$865 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for waterproofing work etc., at the U. S. P. O. at Newberg. 7

CONTRACT AWARDED

KETCHIKAN, Alaska.—The Interior Steel Equip. Co., 1920 S Street, N.W., Washington, D. C., at \$268 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters at the U. S. P. O. at Ketchikan. 7

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until January 25, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of a supply storehouse at Navy Yard, Mare Island; Epec. No. 8742. Est. cost, \$800,000.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island.

MATERIALS APPROVED

LOS ANGELES, Calif.—The Treasury Department, approved the following equipment and materials awards for construction of the U.S. Immigration Station, at Los Angeles. Sarver & Zoss, contractors; Coffee urns, Sterling Metalware Co., in lieu of previous approval; vegetable steamer, Cleveland Range Co., in lieu of previous approval. 7

MATERIALS APPROVED

LOS BANOS, Merced Co., Calif.—The Treasury Dept., approved the following equipment and materials awards for construction of the U.S. P.O., at Los Banos: I. C. Dew Co., contractors; plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler, Sunroc Spring Water Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Mueller Steam Specialty Co.; nonconducting covering for

plumbing and nonconducting covering for duct-work, Plant Rubber & Asbestos Works; supply grilles, and return air registers, Tuttle & Bailey Mfg. Co.; air filters, Amer. Air Filter Co. 7

8— CLUB BUILDINGS

Sub-Contracts Awarded

ALTERATIONS & ADDITIONS SAN FRANCISCO. Ingleside, near Junipero Serra Blvd.

Alterations and additions to golf clubhouse.

Owner—San Francisco Golf Club. Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Plastering—Francis Stephens, 3481 Pierce St.

Mill Work—Brannan Street Planing Mill, 650 Brannan St.

Glass—Habenicht & Howlett, 529 Clay St.

Sheet Metal—General Sheet Metal Works, 1529 Pine St.

Roofing—A. Fisher, 2150 Turk St.

9— HOSPITALS

AWARD RECOMMENDED

SAN FRANCISCO.—Director A. D. Wilder recommended to PWA that contract be awarded to R. A. McLean & Co., 602 California Street, at \$51,639 for general construction of the kitchen and dining room building, Hassler Health Home, San Mateo County.

AWARD RECOMMENDED

SAN FRANCISCO.—Otis Elevator Company, 1 Beach Street, at \$9,214 submitted low bid and was recommended to PWA for award of contract by the Department of Public Works, Room 215, City Hall, for new elevator to be installed in the Psychopathic Bldg. at the San Francisco Hospital, Unit 2, Contract No. 11.

Only other bid submitted by Westinghouse Electric Elevator Co., at \$10,657.

(1203) 1st rep. Dec. 13, 1938. * 9

AWARD RECOMMENDED

SAN FRANCISCO.—Star Delta Electric Works, 279 Fremont Street, at \$17,990 submitted low bid and was recommended to PWA for award of contract by the Department of Public Works, Room 251, City Hall, for furnishing and installing one steam turbine generator set at Laguna Honda Home.

Complete bids follow:
Star Delta Electric Works...\$17,990 00
H. S. Tuttle Co. 18,394.00
Corv & Joslin, Inc. 18,842.00
Werthington Pump and Machinery Corp. 20,253.00
Anderson & Rowe 20,945.00
Atlas Electric & Engineering Co. 21,212.50
(1202) 1st rep. Dec. 13, 1938 * 9

AWARD RECOMMENDED

SAN FRANCISCO.—Miller Constr. Co., 3917 Mission St., at \$2,265 submitted low total bid and was recommended to PWA for award of contract by the Department of Public Works, Room 251, City Hall, for (1) remodeling certain tile partitions on 2nd floor of Service Bldg., S. F. Hospital, (2) grading for gate shelter at the SE wing, San Francisco Hospital, (3) preliminary grading for garage site, San Francisco Hospital, and (4) demolition of building at Psychopathic building site, San

Francisco Hospital.

Complete bids were:
Miller Construction Co., (1) \$1,100,
(2) \$165, (3) \$300, (4) \$800, (total
bid) \$2,365.

West Construction Co., (1) \$1,150,
(2) \$400, (3) \$400, (4) \$750, total
bid) \$2,700.

(1204) 1st rep. Dec. 13, 1938. * 9

Contract Awarded

ALTER HOSPITAL Cost, \$24,250
RED BLUFF, Tehama Co., Calif.
Addition to hospital bldg. (concrete
walls, composition roof, frame
interior, etc.)

Owner—St. Elizabeth Mercy Hospital
Red Bluff.

Architect—Story & Brouchoud (A. W.
Story, Architect, 116 W 2nd St.,
Chico).

Contractor—Shalz Const. Co., 3415
Woodland Ave., Chico.

(1063) 1st rep. Nov. 18; 4th, Dec.
2, 1938. * 9

13—PUBLIC BUILDINGS,
FIRE HOUSES & JAILS

BIDS OPENED

SAN FRANCISCO.—Western As-
bestos Co., 675 Townsend Street, at
\$597.00 submitted only bid to the
Department of Public Works, Room
251, City Hall, for sound control
treatment of monitor, teletype and
telephone rooms of Hall of Justice.

13

BIDS OPENED

SONOMA CO., Calif.—Minneapolis
Honeywell Regulator Co., 1274 Pol-
son St., at \$1,072, submitted low bid
to the State Architect, George Mc-
Dougall, Sacramento for temperature
control system at the Main Bldg.,
Napa State Hospital.

Other bids were,
Parker Carpenter, Inc.,

San Francisco \$1,397.50
Johnson Service Co. 1,584.00

13

AWARD RECOMMENDED

SAN FRANCISCO.—M. B. Mc-
Gowan, Inc., 74 New Montgomery St.,
ted low bids and was recommended
to PWA for award of contract by
the Department of Public Works,
Room 251, City Hall, for (1) \$2500
lineal feet of piles for interior piers,
north and south wall footings and
(2) 4300 lineal feet piles for interior
piers and all exterior wall footings,
for Engine House 35, North Blux-
ome, 250 W. 4th St.

Complete bids were:

M. B. McGowan, Inc., (1) \$1.72 l.f.,
\$4,300 total, (2) \$1.46 l.f., \$6,278
total.

Healy-Thibbets Construction Co., (1)
\$1.87 l.f., \$4.675 total, (2) \$1.52
l.f., \$6,536 total.

AWARD RECOMMENDED

SAN FRANCISCO.—Symon Bros.,
1435 Market Street, at \$1,465, sub-
mitted low total bid and was recom-
mended to PWA for award of con-
tract by the Department of Public
Works, Room 251, City Hall, under
Contract No. 6, Laguna Honda
Home, for (item 1) clearing site for
garage; and (item 2) wrecking 3rd
floor of infirmary building.

Complete bids were:

Symon Bros., (1) \$375, (2) \$1,090,
(total bid) \$1,465.

Cleveland Wrecking Co., (1) \$185, (2)
\$1,465 (total bid) \$1,650.

West Construction Co., (1) \$435, (2)
\$1,250, (total bid) \$1,685.

AWARD RECOMMENDED

SAN FRANCISCO.—Piombo Bros.
& Co., 1571 Turk St., at \$2,650 sub-
mitted low total bid and was recom-
mended to PWA for award of con-
tract by the Department of Public
Works, Room 251, City Hall, for
five items of work under Hassler
Health Home Contract No. 4, as
follows: (1) grade site for ward
building; (2) grade concrete water
tank site; (3) grade and clear site
for Children's building and grade
for doctor's residence; (4) grade site
for duplex residence; and (5) pre-
paring site for dormitory, cottages
and service bldg.

Complete bids were:

Piombo Bros. & Co., (1) \$900, (2)
\$150, (3) \$700, (4) \$100, (5) \$800,
(total bid) \$2,650.

W. C. Railing, (1) \$2,012, (2) \$572,
(3) \$670, (4) \$100, (5) \$567, (total
bid) \$3,921.

W. H. Talbott, (1) \$1,887.50, (2)
\$338.10, (3) \$551.25, (4) \$485.10,
(5) \$735, (total bids) \$3,996.95.

West Construction Co., (1) \$1,850,
(2) \$360, (3) \$580, (4) \$570, (total
bid) \$4,160.

CONTRACT AWARDED

SAN FRANCISCO.—M. E. Vukice-
vich, 666 Mission St., at \$4,127 was
awarded contract by the Department
of Public Works, Room 251, City
Hall, for furnishing and installing
plumbing work and wood and glass
partitions for Public Welfare De-
partment, SW Gough and Fell Sts.

CONTRACT AWARDED

SAN FRANCISCO.—Progress Glass
Co., 1622 Folsom St., at \$86 awarded
contract by Department of Public
Works, Room 251, City Hall, for re-
placing two pieces of 1/2-inch plate
glass at Main Public Library, Larkin
and McAllister Streets. * 13

CONTRACT AWARDED

SAN FRANCISCO.—West Coast
Wire & Iron Works, 154 Main St., at
\$130 awarded contract by the De-
partment of Public Works, Room 251
City Hall, for dismantling and re-
installing existing wire partition and
slide gate, furnishing new partitions
with cutouts, at Taraval Police Sta-
tion. * 13

CONTRACT AWARDED

SAN FRANCISCO.—Regal Floor Co.
at \$55.00 awarded contract by the
Department of Public Works, Room
251, City Hall, for sanding approxi-
mately 3700 sq. ft. of wood floors in
dormitory, rest room and hall at
Hall of Justice. * 13

Bids Opened

OFFICE BLDG.

EUREKA, Humboldt Co., Cal. High-
way Patrol, Dept. of Motor Ve-
hicles.

Construction of wood frame office
bldg. covered on exterior with
Redwood siding and Redwood
shingles; foundations are in place.
Owner—State of California.

Architect—Geo. B. McDougall, State
Architect, Public Works Build-
ing, Sacramento.

Low Bidder—Mercer-Fraser Co., 2nd
and Commercial Sts., Eureka,
\$18,100.

Complete bids follow:
Mercer-Fraser Co., Eureka, \$18,100;
(1) \$490; (2) \$244.

Victor L. and W. B. Jacobson, Los
Angeles, \$19,466; (1) \$424; (2)
\$180.

Fred J. Maurer & Son, Eureka, \$19,-
600; (1) \$285; (2) \$260.

Robt. McCarthy, San Francisco, \$21,-
435; (1) \$200; (2) \$200.

Moore and Roberts, San Francisco,
\$22,193; (1) \$342; (2) \$499.

Bids Wanted—To Close January 17,
2 P. M.

DAIRY MILK HOUSE, Etc.
ELDRIDGE, Sonoma Co., Calif., So-
nomina State Home.

Erection and completion of Dairy
Milk House and addition to sch.
bldg.; Dairy Milk House is one-
story; reinforced concrete structure,
3450 sq. ft. floor space wood roof
construction, composition roof-
ing, steel sash; building situated
at farm approx. one-half ml.
from main institution. Addition
to school is 3-classroom struc-
ture, including incidental rooms, con-
necting cloister, etc.; reinforced
concrete walls, wood floors and
roof, tile roofing, wood sash.

Owner—State of California.

Architect—State Division of Archi-
tecture, W. K. Daniels, Acting
State Architect, Public Works
Bldg., 12th and N Sts., Sacto.

Separate bids will be received for
(1) general work; (2) mechanical
work; (3) refrigeration work and
dairy equipment, and (4) electrical
work.

Plans and specifications obtainable
from the Division of Architecture,
Public Works Bldg., Sacramento,
upon deposit of \$25 returnable. Bids
must be accompanied by cashier's
or certified check payable to the
Director of Public Works in the
amount of 10% of the bids. * 13

Contract Awarded

FIRE STATION

Cont. Price, \$93,939.00

BAKERSFIELD, Kern Co., Calif.
Two-story and part basement; re-
forced concrete Central fire sta-
tion; PWA project.

Owner—City of Bakersfield, V. Van
Riper, Clerk.

Architect—Chas. H. Bilgarr, 554 Ha-
berfelde Bldg., Bakersfield.

Contractor—Opperman & Co., 1327
Orange Drive, Bakersfield.

Complete bids were:

Opperman & Co. \$93,939.00

Guy E. Hall 96,476.00

L. H. Hansen & Sons 98,638.00

Henry Elisser 110,000.00

All of Bakersfield.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Un-
til Dec. 28, 2:30 P. M., bids will
be received by the Department of
Public Works, Room 251, City Hall,
San Francisco, for mechanical equip-
ment and plumbing, and for electrical
work for the kitchen and dining room
building at Hassler Health Home,
San Mateo County.

Cost of mechanical equipment and
plumbing estimated at \$8,000; de-
posit for plans \$10. Cost of electrical
work estimated at \$3,000; deposit for
plans, \$10.00.

Plans obtainable from the office
of City Architect Dodge A. Riedy,
Room 265, City Hall, San Francisco.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Spencer
Electric Co., 570 Natoma Street,
San Francisco, at \$21,973 awarded
contract by the Department of Pub-
lic Works, at the office of the Cali-
fornia Commission for the Golden
Gate International Exposition, Room
411, Pacific Mutual Life Insurance
Bldg., 660 Market St., San Francisco
for electrical fixtures for the Cali-
fornia State Building on Yerba
Buena Shoals.

Only other bid submitted by Rad-
elfinger Bros., San Francisco, at
\$24,862.

Contract Awarded
CONCESSION STANDS
 Cont. Price, \$77,423
YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Concession Stands; Contract No. 221. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

Sub-Contract Awarded
RESIDENCE
SAN FRANCISCO. SW Scott and Green Sts.
 Three-story frame and stucco residence (12 rooms, 6 baths, copper roof, gas fired hot air heating system, etc.)
 Owner—James Parks Bradley, c/o Architect.
 Architect—Gardner A. Dalley, 210 Post St.
 Contractor—Jacks and Irvine, 620 Market St., San Francisco.
 Grading—Devincenzi & Haskins, 440 Anza St.

Contract Awarded
FOUNDATION WORK
 Contract Price, \$4,865
DIXON, Solano Co., Calif. Thirty-sixth District Agricultural Assn. Construction of foundation work for grandstand and exhibit building; work comprises excavating, grading, forms, concrete work, and steel anchors for the concrete piers and foundation walls of two separate buildings, namely the grandstand and exhibit bldg. The grandstand will be a wood frame structure approx. 216 ft. long and 32½ ft. wide; the exhibit bldg. will be a wood frame bldg. approx. 100 ft. long and 60 ft. wide.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
 Contractor—W. C. Tait, Inc., 883 Market St., San Francisco.
 Mr. Tait submitted the only bid.

BIDS OPENED
YERBA BUENA SHOALS.—Fink & Schindler Co., 552 Brannan Street, San Francisco, at \$4,984 submitted low bid to the Department of Public Works, City Hall, for covering of the columns of the San Francisco Exposition Bldg., Yerba Buena Shoals.
 Complete bids were:
 Fink & Schindler Co. \$4,984
 C. L. Woid Const. Co. 5,256
 McNeill-Steinberg Mfg. Co. 8,615

BIDS OPENED
SAN FRANCISCO.—M. E. Vuklicevich, 666 Mission St., at \$4,127 submitted low bid to the Department of Public Works, Room 251, City Hall, for furnishing and installing plumbing work and wood and glass partitions for Public Welfare Department, SW Gough and Fell Streets.
 Complete bids were:
 M. E. Vuklicevich \$4,127.00
 A. M. Hardy 4,338.35
 De Luca & Son, Inc. 4,345.00
 Barrett & Hip 4,748.00
 Fred J. Early, Jr. 4,941.00
 J. Bohm & Co. 4,889.00
 Mullen Mfg. Co. 5,092.00

CONTRACT AWARDED
SAN FRANCISCO—Main Engr. Co. 110 Hooper St., at \$70.00 awarded contract by the Department of Public Works, City Hall, for removing old liner and replacing with %-inch

boiler plate in No. 1 mixer at Asphalt Plant, Florida and Treat Avenues. 13

CONTRACT AWARDED
SACRAMENTO, Calif.—Charles F. Unger, 2426 7th Ave., Sacramento, at \$15,224 awarded contract by the City of Sacramento, H. G. Denton, City Clerk, for construction of shop Building at City Corporation Yard for City Water Dept., Sacramento.

CONTRACT AWARDED
YERBA BUENA SHOALS.—Fink & Schindler Co., 552 Brannan Street, San Francisco, at \$4,984 awarded contract by the Dept. of Public Works, City Hall, for covering of the columns of the San Francisco Exposition Bldg., Yerba Buena Shoals.

Sub-Contracts Awarded
LIBRARY Cont. Price, \$68,190
REDWOOD CITY, San Mateo Co., Calif.

Construction of new 1-story library building on property adjoining to the City Hall.

Owner—City of Redwood City.
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

Roofing—Crowley Roofing Co., 108 California Drive, Burlingame.

Plumbing and Heating—Harry Lee, 1433 Burlingame Ave., Burlingame.

Electric Wiring—Erskine Electric Inc., Middlefield Road, Redwood City.

Sheet Metal—Garvey Sheet Metal Works, 1212 Donnelly Ave., Burlingame.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Brick and Stone Work—Chas. Ohran & Sons, 1038 Chula Vista Avenue, Burlingame.

Painting—Stanley Ames, 1109A Burlingame Ave., Burlingame.

Lathing and Plastering—M. J. King, 231 Franklin St., San Francisco.

14— RESIDENCES

Construction Underway
RESIDENCE Cost, \$.....
KENT WOODLANDS, Marin Co. Cal.
 One-story and basement frame residence (hardwood floors, tile baths, etc.)

Owner—Dr. A. V. Pettit.
 Architect—Wm. W. Wurster, 260 California St., San Francisco.

Contractor—Leibert & Trobeck, Albert Bldg., San Rafael.

Plans Completed
RESIDENCE Cost, \$7500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.
 One-story frame and stucco residence (6 rooms) hardwood flrs., tile baths, wood sash, etc.

Owner and Builder—John M. Johnson
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

son, 220 Hazel Ave., Millbrae.

Construction Underway
RESIDENCE Cost, \$5000
SAN FRANCISCO, Visitation Valley.
 One-story and basement frame and stucco residence (5 rooms), hardwood floors, tile baths, etc.

Owner—Herbert Zatzert.
 Architect—Albert H. Larsen, 333 Kearny St.

Contractor—Elvin C. Stendell, 1125 Holloway Ave.

(1238) • 14

Preparing Working Drawings
RESIDENCE
OAKLAND, Alameda Co., Calif.
 States Drive.
 One-story frame, brick veneer residence, (8 rooms) shake roof, hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.

Bids Opened
RESIDENCE Cost, \$.....
GRATON, Sonoma Co., Calif.
 One-story frame and stucco residence (tile roof, steel sash, hardwood floors, electric heating system, etc.)

Owner—Wm. B. Longvill, San Francisco.

Architect—Clarence Caulkins, 426 Rosenberg Bldg., Santa Rosa.

Low Bidder—Harvey H. Chinnock, Rt. 3, Box 553, Sebastopol, \$7,393.

Other bidders were:
 Carl W. Shatto, Sebastopol, \$8,390
 A. Palletti, Hilton, \$8,590

Bids held under advisement.

Plans Being Figured—Bids Close
RESIDENCE Cost, \$.....
SAN JOSE, Santa Clara Co., Calif.
 One-story frame, wood siding residence (6 rooms) wood sash, celotex shingle roof, hardwood floors, linoleum floors in bath rooms, gas blower heating system, etc.

Owner—Withheld.
 Architect—Higgins & Root, Chester Root, Architect, Security Bldg., San Jose.

Following selected contractors are figuring plans:

Michael Itey, Route 1, Box 1247, Ceres.

Hayden & Yates, 120 Bernal Drive, Salinas.

J. E. Hoover, 864 Madison Street, Santa Clara.

W. B. Reese, Route 1, Box 422-D, San Jose.

LOAN APPROVED
SAN FRANCISCO—Architect Arthur Brown, Jr., 251 Kearny St., San Francisco, is preparing plans for the Holly Park unit, of the San Francisco low cost housing project, at Holly Park Circle.

Land and buildings for the Holly Park unit are estimated to cost \$565,000. The proposed 118 dwelling unit is one of two for which loans were approved this week by U. S. Housing Administrator Nathan Straus.

Executive Director for the San Francisco Housing Authority is A. J. Evers, A.I.A., under whose supervision all units will be constructed. 14

Plans Being Completed
RESIDENCE
LINDENWOOD, San Mateo Co., Cal.
 One-story Colonial type residence (10 rooms), wood and brick exterior, shingle roof, gas fired air conditioning system, hardwood floors, tile baths, etc.

Owner—H. B. Rooney.
 Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Plans will be completed and bids asked from a selected list of contractors in about ten days.

LOAN APPROVED
SAN FRANCISCO.—Executive Director A. J. Evers, A.I.A., of the San Francisco Housing Authority this announced that Frederick H. Meyer, John Bakewell and Warren C. Perry, architects, are preparing plans for the Potrero Unit of the San Francisco low housing project.

U. S. Administrator Nathan Straus

has approved a loan for the three hundred dwelling unit structure, which is estimated to cost \$1,657,000, including purchase of land. * 14

Contract Awarded RESIDENCE BERKELEY, Ala. Co., Calif., El

Camino Real. Two-story frame and stucco residence, hardwood floors, gas fired hot air heating system, linoleum baths, composition roof, wood sash, etc.

Owner—Mr. Helm. Architect—F. L. Confer, Claremont Hotel, Berkeley. Contractor—C. M. Teigland, 525 49th St., Oakland.

Construction Starts Immediately EXPOSITION MODEL HOME SAN MATEO, Calif., San Mateo Terrace.

One-story Colonial type residence, 6 rooms, shingle roof, tile baths, hardwood floors, gas floor furnace, etc.

Owner and Builder—San Mateo Investment Company. Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Construction Starts Immediately RESIDENCE LINDENWOOD, San Mateo Co., Cal.

One-story modern Colonial style residence, (10 rooms, 3 baths) wood frame and rustic construction, gas fired furnace, hardwood flrs, tile baths and sunporch, shingle roof, etc.

Owner and Builder—G. D. Bliss, 266-A Almondral Ave., Menlo Park. Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

15—SCHOOLS

AWARD RECOMMENDED

KERN COUNTY, Calif.—Guy E. Hall, 4172 Dalton Ave., Los Angeles, at \$93,090, submitted low bid and was awarded contract (subject to PWA approval) by the Panama Sch. District for a classroom, auditorium and cafeteria building to be built at the Panama School in Kern County. It will be a one-story frame and stucco structure with tile and composition roofing, oil-burning, steam heating system, steel and wood sash, linoleum floor covering, kitchen equipment. Symmes and Willard; Stanton Willard, architect, 1314 17th St., Bakersfield; Donald F. Shugart, structural engineer, Los Angeles; Del Reynolds, mechanical engineer, Los Angeles.

Second low bid submitted by J. N. Harvey, Bakersfield, at \$94,643.21.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Baruch Corporation, 625 S. Olive St., Los Angeles, awarded contract by University of California at Los Angeles, at \$197,670 for construction of the first unit of the Life Sciences group at the university, a PWA project. Other awards were: heating and ventilating, H. S. McClelland Co., 1928 S. Compton Ave., Los Angeles, at \$51,983; plumbing, Ed Willardson, 2880 Rowena Ave., Los Angeles, at \$21,700; electric work, Moore Elec. Co., 321 W. 3rd St., Los Angeles, at \$22,826; sewer, George Miller, 684 E. 50th St., Los Angeles, at \$1395. Allison & Allison, architects, 1014 Edison Bldg., Los Angeles. 15

Bid Opening Postponed Until Dec. 27, 1 P. M. SCHOOL BLDG. Cost, \$40,000 SACRAMENTO, Sacto. Co., Calif. Construction of one-story assembly and classroom addition at El Dorado Elementary School.

Owner—Sacto. City Unified School Dist., (Chas. C. Hughes, Secy.). Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Bonds recently voted together with PWA grant will finance construction. Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the office of the Board of Education, Administration Bldg., 21st and L Streets, Sacramento. Postponed from Dec. 20, 2 P. M.

Bid Opening Postponed Until Dec. 27, 1 P. M. GYM ANNEX Cost, \$25,000 SACRAMENTO, Sacto. Co., Calif. Sacramento Senior High School.

One-story frame and stucco gymnasium annex to contain three classrooms and excavating for the new assembly bldg.

Owner—Sacramento City Unified School District, (Chas. C. Hughes Secy.). Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Plans and specifications may be obtained from the architects office upon deposit of \$25.

Bids will be opened in the office of the Board of Education, Administration Bldg., 21st and L Streets, Sacramento. Postponed from Dec. 20, 2 P. M.

Contract Awarded SCHOOL ADDITIONS SACRAMENTO, Calif. C. K. McClatchy High School.

Construction of additions to the main building and gymnasium building.

Architects—Starks and Flanders, 310 Bank of America Bldg., Sacramento.

Contractor—Lawrence Constr. Co., 2574 18th St., Sacramento.

Contract awarded low bidder subject to the approval of the PWA.

Complete bids follow:

Lawrence Constr. Co.	\$63,965
Otto Steinbrenner	64,000
Azevedo Constr. Co.	66,259
Chas. F. Unger	66,880
Holdener Constr. Co.	67,783

Contract Awarded SCHOOL VTSALIA, Tulare Co., Calif.

Concrete, frame and stucco school building to contain 10 classrooms, library, art room, domestic science room, kitchen, cafeteria, music room, general science room, and gymnasium.

Owner—Visalia Elementary School District. Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco. Contractor—Richmond Constr. Co., P. O. Box 52, Fresno.

Contract awarded low bidder, subject to PWA approval, at \$192,263 which includes deduction of Alternate "C," \$2,579.

Three low bidders were:

Richmond Constr. Co., Fresno	\$194,842
Midstate Constr. Co.	204,373
Trewhitt-Shields & Fisher, Fresno	208,900

Sub-Contracts Awarded ADDITIONS, ETC. Cont. Pr., \$13,967 SANTA CLARA, Santa Clara Co. Additions and alterations to girls' gymnasium at the high school. Owner—Santa Clara Un. High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Contractor—Nielsen & Erbenbraut, 82 Hollywood Ave., San Jose.

Roofing—Bush Roofing Company, 750 Stockton Ave.

Plumbing, Heating & Sheet Metal—A. J. Peters & Son, 455 Washington Street.

Electric Wiring—Roy M. Butcher, 1020 Sherwood.

Glass—Central Hardware & Glass Co., 600 4th, San Francisco.

Iron Grille Work—R. Helliwig Iron & Wire Works, 407 Vine.

Brick & Stone Work—S. F. Prouty, 917 Michigan Ave.

Mill Work—P. M. Co., 2610 The Alameda, Santa Clara.

Hardware—San Jose Hardware Co., 62 W. San Fernando.

Painting—Mortensen Bros., 453 Atlanta St.

Lathing & Plastering—Joe Provenzano, 85 N. Willard.

Concrete—J. C. Bateman, 590 Stockton Ave.

Linoleum—San Jose Linoleum Studio, San Jose.

All of San Jose, unless otherwise noted.

Planned SCHOOLS

SAN LEANDRO, Ala. Co., Calif. Unit A. Auditorium and classrooms at Roosevelt Grammar School; Unit B: Auditorium in Lincoln School and Unit C: new Sunshine School on the McKinley School grounds.

Owner—San Leandro School Dist. Architect—Wm. C. Ambrose, 244 Kearny St., San Francisco.

Construction of work contingent upon proposed bond election.

LOW BIDDERS

LOS ANGELES, Cal.—Baruch Corporation, 625 S. Olive St., Los Angeles, submitted low general bid to the University of California at Los Angeles, at \$197,670 for construction of the first unit of the Life Sciences group at the university, a PWA project. Other low bids were: Heating and ventilating, H. S. McClelland Co., 1928 S. Compton Ave., Los Angeles, \$51,983; plumbing, Ed Willardson, 2880 Rowena Ave., Los Angeles, at \$21,700; electric work, Moore Electric Co., 321 W. 3rd St., Los Angeles, at \$22,826; heating, ventilating and plumbing combined, H. E. Murray, 2104 S. Vermont Ave., Los Angeles, at \$74,691. Allison & Allison, architects, 1014 Edison Bldg., Los Angeles. 15

AWARD RECOMMENDED

SAN FRANCISCO—Director A. D. Wilder recommended to PWA that contract be awarded Leo Epp, 4745 Geary Street, at \$89,377 for general construction of an addition to Lawton School.

AWARD RECOMMENDED

SAN FRANCISCO—Director A. D. Wilder recommended to PWA that contract be awarded to Cleveland Wrecking Co., 260 Spear Street, at \$185 for clearing the site of the outer Mission High School. * 15

AWARD RECOMMENDED

SAN FRANCISCO—Director A. D. Wilder recommended to PWA that contract be awarded to De Lwa and Son, Inc., 1745 Filbert St., at \$19,748

for kindergarten building at Glen Park School.

AWARD RECOMMENDED

SAN FRANCISCO—Director A. D. Wilder recommended to PWA that contract be awarded to Rosenberg Bros., 58 Merlin St., at \$22,50, for grading the site of the kindergarten addition of Francis Scott Key School.

Contract Awarded

SOCIAL SCIENCE BLDG.
Contract Price, \$103,956
SEATTLE, Wash. University of Washington.

Four-story and basement Social Science Bldg. (72x230 ft.); central heating plant; tile floors in corridors, balance linoleum. Contract involves only structural frame and such preliminary plumbing, heating and electrical work as is necessary for completion of concrete work.

Owner—Board of Regents, University of Washington, 1030 Henry Bldg., Seattle.

Architect—Bebb & Gould, 715 Hoge Bldg., Seattle.

Contractor—Gjarde Const. Co., Joshua Green Bldg., Seattle. * 15

Contract Awarded
SCHOOL

VISALIA, Tulare Co., Calif.
Concrete, frame and stucco school building to contain 10 classrooms, library, art room, domestic science room, kitchen, cafeteria, music room, general science room, and gymnasium.

Owner—Visalia Elementary School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Richmond Constr. Co., P. O. Box 52, Fresno.

Contract awarded low bidder, subject to PWA approval, at \$12,283 which includes deduction of Alternate "C," \$2,579.

Complete bids follow:

Richmond Constr. Co.	Fresno	\$194,842
Midstate Constr. Co.	Fresno	204,373
Trewhitt-Shields & Fisher,	Fresno	208,900
W. W. Pelley, Los Angeles.		210,608
W. E. Allen, Long Beach.		213,679
R. W. Brown Constr. Co.,	Madera	214,459
T. C. & W. H. Irwin,	Fresno	215,010
L. H. Hansen & Sons,	Fresno	216,528
Andy Sordal, Long Beach.		220,792
Eser Wohlholm, Inglewood.		225,000

Sub-Contracts Awarded

SCHOOL Cont. Price, \$198,000
OAKDALE, Stanislaus Co., Cal. West of Laurel Ave., bet. Magnolia & Popular Streets.

Construction of 1-story frame grammar school building to contain approximately 17 classrooms, auditorium to seat 1000, cafeteria, kindergarten, library and shop.

Owner—Oakdale Elementary School District, (J. J. Berry, Supt.).

Architects—Frank V. Mayo and Eric W. Johnson, 931 North El Dorado St., Stockton.

Contractor—John Hachman, P. O. Box 208, Stockton.
Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

Special Steel, Misc. Iron & Metal Molds—Valley Steel & Welding Works, 935 E. Scott St., Stockton.
Steel Joists & Metal Sash—Soule

Steel Co., 1750 Army St., San Francisco.

Toilet Partitions, Blackboards, Tackboards, Venetian Blinds & Shades—Fred Turner, 557 Market Street, San Francisco.

Finish Hardware—Turner Hardware Co., P. O. Box 1050, Stockton.

Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia St., Oakland.
Lumber—Diamond Match Co., Chico and United Lumber Yards, Inc., 430 10th St., Modesto.

Floor Covering—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.

Tile, Terra Cotta & Glass Brick—Stockton Tile Co., 523 E. Channel St., Stockton.

Plumbing, Sheet Metal, Heating & Ventilating—Arthur D. Day, 735 E. Lafayette St., Stockton.

Electrical Work—Collins Electrical Co., 708 E. Market St., Stockton.

Bid Opening Postponed Until Dec. 31, 2 P. M.

AUDITORIUM, ETC. Cost, \$100,000
PATTERSON, Stanislaus Co., Calif. Reinforced concrete auditorium and frame stucco classroom additions to high school.

Owner—Patterson Union High School District.

Architects—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

Plans and specifications may be obtained from the architects' office.

Following have taken out plans: Moore & Roberts, 693 Mission St., San Francisco.

P. F. Reilly, 760 Market Street, San Francisco.

B. A. Howkins & Co., 1182 Market St., San Francisco.

C. M. Tiegland, 525 49th Street, Oakland.

A. T. Beckett, 224 Scenic Drive, Piedmont.

Y. H. Hansen & Sons, P. O. Box 519, Fresno.

Trewhitt-Shields & Fisher, Pacific Street Bldg., Fresno.

Midstate Construction Co., Pacific Street Bldg., Fresno.

R. W. Brown Const. Co., 400 No. C St., Madera.

Triner & Allen, P. O. Box 43, Merced.

Harman & Company, 4540 Cutter St., Los Angeles.

J. L. Uebels, Ripon, Calif.

R. Hodgson & Sons, 510 Second St., Porterville.

Knutsen & Moe, Patterson, Calif.
H. H. Henning, 1751 Berkeley Ave., Stockton.

L. S. Peletz, 1660 W. Acacia Ave., Stockton.

J. C. Meyers, 305 E. Weber Ave., Stockton.

Samuel Eyre, 1035 N. Pilgrim St., Stockton.

C. Elves Toten, P. O. Box 833, Stockton.

O. J. Scherer Co., Angels Camp, Calif.

Opening postponed from Dec. 24.

CONTRACT AWARDED

KERN COUNTY, Cal.—Alva Hackney, 20 Kentucky St., Bakersfield, awarded contract by Wildwood School District at \$12,150 for construction of a new building at the Wildwood school in Kern county. Other bids were: J. N. Harvey, \$12,471.30; B. Frank Barr, \$13,300; B. O. Siegius, \$13,560; Fast & Vanatta, \$14,889.77.

Plans by Symmes & Willard, Stanton Willard, architect, 1314 17th St., Bakersfield. 15

istrator Bldg., to replace the old Classroom Bldg. on the Davis Campus of the University of California; est. cost of bldg., \$275,000.

Owner—Regents of the University of California, Berkeley.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento; W. C. Hays, Consulting Architect, Berkeley.

Contractor—Azevedo Const. Co., 920 "O" St., Sacramento.

Plans Completed
RESIDENCE Cost, \$6,500
MILLBRAE HIGHLANDS, San Mateo Co., Calif.

One-story frame and stucco residence (5 rooms) hardwood floors, tile baths, wood sash, etc.

Owner and Builder—John M. Johnson, 220 Hazel Ave., Millbrae.

Architect—Albert H. La Rensa, 333 Kearny St., San Francisco.

Bids Opened
ALTERATIONS AND ADDITIONS

SEBASTOPOLE, Sonoma Co., Calif. Alterations and addition to residence involving shake roof, hardwood floors, gas fired hot air heating system, etc.

Owner—Harry Fuller, c/o Architect. Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—N. Nelson, Rte. 1, Box 28, Sebastopol, \$9,649.

Other bids were:
H. H. Chincock, Sebastopol..... \$10,243
Sam Swindler, Sebastopol..... 10,250
Carl W. Shatto, Sebastopol..... 10,822

Bids Opened
FOUNDATIONS

SACRAMENTO, Sacto. Co., Calif. Construction of foundations for the additions to the John Muir Elementary School.

Owner—Sacramento City Unified School District, Chas. C. Hughes, Secy.

Architects—Starks & Flanders, Bank of America Bldg., Sacramento.

Low Bidder—Chas. F. Unger, 2426 7th Ave., Sacramento, \$3,280

Complete bids were:
Chas. F. Unger, \$3,280, (1) excav. per cu. y. \$2.50, (2) concrete per cu. y. \$2.

H. W. Robertson, \$3,528, (1) \$2.00, (2) \$33.00.

Holdener Const. Co., \$3,685, (1) \$4.00, (2) \$22.00.

Lindgren & Swinerton, Inc., \$4,285, (1) \$3.00, (2) \$37.75.

CONTRACT AWARDED

SAN FRANCISCO—West Constr. Co., 1129 Irving St., at \$8,735 awarded contract by the Dept. of Public Works, Room 251, City Hall, for roads and adjoining gutters, walks and curbs of the Science Building San Francisco Junior College, Ocean and Phelan Aves.

BIDS WANTED

KERN COUNTY, Cal.—Until Dec. 28, 4 P. M., bids will be received by the Fairfax School District, G. I. Gerrish, Clerk, for an addition to the Fairfax School, Kern County.

Plans and specifications obtainable from Stanton Willard, Architect of Symmes & Willard, 1314 17th Street, Bakersfield, upon deposit of \$10.00, returnable.

Bids will be opened at the Fairfax School.

CONTRACT AWARDED

SAN FRANCISCO—Cleveland Wrecking Co., 260 Spear Street, at \$185,000 awarded contract by the Department of Public Works, City Hall, for clearing the site of the Outer Mission High School. * 15

CONTRACT AWARDED

SAN FRANCISCO.—De Luca & Son Inc. 1745 Filbert St., at \$19,745.00 awarded contract by the Department of Public Works, City Hall, for construction of kindergarten building at Glen Park School.

Bids Opened

RECONSTRUCTION
OAKLAND, Alameda Co., Cal. 63rd Avenue and Burr Street.
Reconstruction of the Toler Heights Elementary School.
Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland, (School Administration Bldg.)
Low Bidder—S. G. Johnson, 4652 Dolores Ave., Oakland, \$18,975.
General bids received with (1) deduction for salvage.

Complete bids follow:
S. C. Johnson, Oakland, \$18,975; (1) \$100.
Geo Swanstrom, Oakland, \$19,366; (1) \$50.
Carl N. Swenson Co., San Jose, \$20,500; (1) \$50.
E. T. Leiter Sons, Oakland, \$22,887; (1) \$.....
F. C. Stolte Co., Alameda, \$23,663; (1) \$50.

AWARDS APPROVED

SAN GABRIEL, L. A. Co., Calif.—PWA approved the following contracts, awarded by San Gabriel Sch. District for additions to San Gabriel Schools: Brunzell & Jacobson, 2150 Princeton Ave., L. A., at \$39,869, addition to McKinley school; Earle Hugins, 745 E. California St., Pasadena, at \$46,835, addition to Washington school; V. R. Bush, 116 North Shamrock Ave., Monrovia, at \$42,937 addition to Lincoln school. Construction scheduled to start Dec. 22. Scott Quilbin, architect, Edison Building, Alhambra. 15

Contract Awarded

WOMEN'S DORMITORY
BERKELEY, Alameda Co., Calif. Univ. of Cal. Campus.
New dormitory to accommodate 100 women to be called Stern Dormitory.
Owner—Regents of the U. of C.
Architect—Harvey Wiley Corbett & MacMurray, 130 W. 42nd Street, New York City, assisted by Architect William Wilson Wurster, 260 California Street, San Francisco.
Contractor—Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.
Funds to finance above work were donated to the University of Calif. by Mrs. Rosalie M. Stern of San Francisco.
Contract awarded on cost plus basis with cost not to exceed \$285,000.

BID CALL WITHDRAWN
SCHOOL BLDG.

Est cost, \$1,070,000.
SAN FRANCISCO. Ocean and Phelan Aves. (37-acre site).
Construction of first unit of San Francisco Junior College consisting of a 3-story reinforced concrete science building (80x500-ft.), with 35 classrooms, 28 administrative and teachers' offices, 10 laboratories, and cafeteria to accommodate 1500 in basement.
Owner—City and County of San Francisco.
Architects—Miller and Pfleger, 580 Market St.
Structural Engineer—Walter L. Huber, 1 Montgomery St.
Plumbing, Heating and Ventilating Engineers—Leland & Haley, 58 Sutter St.

Electrical Engineer—G. M. Simonson, 74 New Montgomery St.
Bid call scheduled to open Dec. 28, 2:30 P. M., has been withdrawn; bids will be asked at a later date.

Bids Opened
RECONSTRUCTION

OAKLAND, Alameda Co., Calif. 63rd Street and San Pablo Avenue.
Reconstruction of the South wing of Golden Gate Junior High School.
Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland, (School Administration Bldg.)
Low Bidder—George Swanstrom, 1615 78th Ave., Oakland, \$53,150.
General bids received with (1) deduction for salvage.
Complete bids were:
George Swanstrom, Oakland, \$53,150
F. C. Stolte Co., Alameda, (1) 55,444
Carl N. Swenson Co., San Jose 55,700
Peter Sartorio, San Francisco, 64,844
Central Calif. Const. Co., San Francisco (1) 68,858
(1) 20

Correction
Bids Wanted—To Close January 6, 3 P. M.

JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif.
Construction of 7th Unit at Junior College, consisting of one-story frame commercial building.
Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architect's office upon deposit of \$15.
Bids will be opened at 8:30 P. M., January 6, at the Junior College in the Library of the present Administration building.
Amount of deposit for plans previously announced in error.

Award Recommended
JUNIOR COLLEGE BLDGS.
SACRAMENTO, Calif.

Construction of four building units at the Junior College as follows: Aeronautics Bldg., Engineering Shop Building, Home Economics Bldg., and Cafeteria.
Owner—Sacramento City Unified Sch. Dist., (Chas. C. Hughes, Secy.)
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Low Bidder—Azevedo Constr. Co., 920 O St., Sacramento.
Recommendation made to PWA that contract be awarded low bidder at \$196,975 which includes deduction of all seven alternate proposals.
Complete bids follow:

Azevedo Constr. Co., \$234,285, (1) \$3250, (2) \$6520, (3) \$6420, (4) \$4529, (5) \$4290, (6) \$1900, (7) \$10,500.
Lindgren & Swinerton, Inc., \$244,500, (1) \$2245, (2) \$7000, (3) \$4000, (4) \$5000, (5) \$600, (6) \$1100, (7) \$7500.
Campbell Constr. Co., \$214,826, (1) \$3600, (2) \$6800, (3) \$5900, (4) \$5000, (5) \$4600, (6) \$2200, (7) \$11,800.
H. W. Robertson, \$244,812, (1) \$3500, (2) \$5600, (3) \$6000, (4) \$4700, (5) \$4900, (6) \$2200, (7) \$12,000.
Lawrence Constr. Co., \$256,600, (1) \$3255, (2) \$5700, (3) \$5550, (4) \$4700, (5) \$3550, (6) \$1600, (7) \$11,500.

CONTRACT AWARDED
SAN FRANCISCO.—Rosenberg Bros., 58 Merkin St., at \$422.50 award-

ed contract by the Department of Public Works, City Hall, for grading the site of the kindergarten addition of Francis Scott Key School. * 15

CONTRACT AWARDED

SAN FRANCISCO.—Regal Floor Co. at \$65.00 awarded contract by the Department of Public Works, Room 251, City Hall, for sanding floors in Rooms 10, 11, 12, 13, 14 and 15 at Cleveland School.

Plans Being Figured—Bids Close Dec. 28, 10 A. M.

SCHOOL
SAN FRANCISCO. De Montford & Jules Avenues.
Three-story reinforced concrete, 12-classroom school building.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Architect—John J. Foley, 770 Fifth Avenue.
Plans are being figured by a closed selected list of contractors.

CONTRACT AWARDED

ALHAMBRA, L. A. Co., Calif.—H. MAYSON, 9315 Hooper Ave., Los Angeles, awarded contract by Alhambra Board of Education, at \$622,931 (subject to PWA approval), for construction of administration bldg., at Mark Keppel high school, N. 7th cor. Holman Ave. and Almonson St., near Alhambra. J. Herman Co., 1249 E. Vernon Ave., L. A., awarded contract for heating and ventilating, at \$63,628. Marston and Maybury, architects, 25 S. Euclid Ave., Pasadena; Murray Erick, struc. engineer, 811 W. 7th St., Los Angeles. 15

Bids Opened

SCHOOL
PORT CHICAGO, Contra Costa Co.
Addition of five classrooms, office, library and installation of heating system at grammar school.
Owner—Bay Point Elementary District (H. A. Gustafson, Clerk).
Architect—Harold H. Weeks, 593 Market St., San Francisco.
Low Bidder—Carl Overaa & Co., 2105 Roosevelt Ave., Richmond, \$35,984.
Total bids follow:
Carl Overaa & Co., \$35,984
Webster Jeffers, San Francisco 36,400
Alfred J. Hopper, San Francisco 37,442
Willis F. Lynn, Oakland 38,430
A. Frederick Anderson, Oakland 39,158
Martinelli Construction Co., San Francisco 39,490
Nielsen and Erbenraut, San Jose 39,575
C. M. Teigland, Oakland 39,835
N. H. Sjoberg & Son, Oakland 40,869
E. T. Leiter Sons, Oakland 41,337
John E. Branagh, Piedmont 41,700
Bids taken under advisement.

Contract Awarded
PRESS BLDG. Cont. Price, \$243,650
BERKELEY, Alameda Co., Cal. University of California Campus (Oxford and Center Streets).
Three-story University Press Bldg. to house press and printing plant.
Owner—Regents of the University of California.
Architects—Masten & Hurd, 442 Post St., San Francisco.
Engineer—Roscoe Weaver, Berkeley.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. E. Burrell & Son, 518 W 17th Street, Long

Beach, awarded contract by the Redondo Union High School District at \$162,760 (subject to PWA approval) for construction of a new home economics and science building at Redondo high school. Allison & Allison, architects, 1014 Edison Building, Los Angeles. 15

Prospective Bidders
SCHOOL BLDG. Cost, \$69,000
 IRVINGTON, Alameda Co., Calif.
 Irvington School.

One-story grammar school bldg. to contain seven classrooms, gym-auditorium, etc.
 Owner—Irvington Elementary School District.
 Architect—George E. Ellinger, 1801 Casterline Road, Oakland.
 Plans and specifications obtainable from the architect's office upon deposit of \$25.00.
 As previously reported, bids will be opened January 3, 9 A. M., at the Irvington School.

Following have taken out plans:
 N. H. Sjoberg & Son, 5604 E. 16th St., Oakland.
 Nielsen & Erbentraut, 201 S. Market St., San Jose.
 George Swanstrom, 1615 78th Ave., Oakland.
 A. T. Beckett, 224 Scenic Avenue, Piedmont.
 John E. Branagh, 116 Monticello Ave., Piedmont.
 Willis F. Lynn, 1037 Ashmount Ave., Oakland.
 F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
 Villadsen Bros., Inc., 354 Hobart St., Oakland.
 D. W. Nicholson, 357 12th Street, Oakland.
 J. R. Armstrong, 834 E. Tenth St., Oakland.
 A. Frederick Anderson, 1093 Longridge Road, Oakland.
 E. T. Leiter Sons, 811 37th Street, Oakland.
 S. G. Johnson, 4652 Dolores Ave., Oakland.
 Carl N. Swenson Co., 355 Stockton Ave., San Jose.

LOW BIDDER
VICTORVILLE, San Bernardino Co., Calif.—Martin Green, 288 17th St., San Bernardino, submitted low bid to Victorville School District, at \$42,480 for a new reinf. concrete and steel grammar school to be built in Victorville for the Victor School District, a PWA project. Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles. 15

Contract Awarded
ADDITION Cont. Pr., \$26,081
SALINAS, Monterey Co., Calif.
 One-story addition to the Sherwood School to contain three classrooms and toilet rooms.
 Owner—Salinas City School District.
 Architect—Chas. E. Butner, 7 Winham Street, Salinas.
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Contractor—R. Pedersen, 446 Clark St., Fresno.

Contract awarded, subject to the approval of the PWA, on basic bid including deduction of both alterations.

General bids were received with the following alternate deductions:
 (1) omit Classroom No. 1 and Corridor No. 1; (2) omit tile floors and walls in toilet rooms.

Complete bids follow:
 R. Pedersen, Fresno, \$32,281; (1) \$4,700; (2) \$1,500.
 Albert Sraton, Salinas, \$31,275; (1) \$3,500; (2) \$849.
 Harold C. Geyer, Monterey, \$32,119; (1) \$4,012; (2) \$1,011.
 P. T. Wallstrum, Watsonville, \$33,344; (1) \$4,500; (2) \$856.

Contract Awarded
CAFETERIA Cont. Pr., \$29,367
SALINAS, Monterey Co., Calif.
 One-story cafeteria addition to the Salinas Union High School.
 Owner—Salinas Union High School District (R. D. Case, Clerk).
 Architect—Chas. E. Butner, 7 Winham Street, Salinas.
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
 Contractor—Albert Station, 144 Pine St., Salinas.

Contract awarded, subject to the approval of the PWA.
 Complete bids follow:
 Albert Station, Salinas, \$29,367
 Harold C. Geyer, Monterey, 29,673
 R. Pedersen, Fresno, 29,793
 P. T. Wallstrum, Watsonville 29,900
 V. H. Moore, Salinas, 30,871

16—BANKS, STORES AND OFFICES

Contract Awarded
STORE BLDG.
OAKLAND, Alameda Co., Cal. San Pablo Avenue.
 One-story concrete Class C store building (47x105-ft.).
 Owner—Withheld.
 Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.
 Contractor—J. R. Armstrong, 834 E. 10th St., Oakland.

Contract Awarded
WAREHOUSE Cont. Pr. \$74,400
RENO, Nev. 401 Main Street.
 One-story reinforced concrete warehouse (150x237-ft.)
 Owner—Reno Grocery Company.
 Architect—W. W. Leavers, Reno.
 Contractor—Robert McCarthy, 1343 14th Ave., San Francisco.
 Complete bids follow:
 Robert McCarthy, S. F., \$74,400
 Schuler & McDonald, Oakland 76,793
 Wine & Williams, Reno, 81,728

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO, Post and Kearny.
 Alterations to store front and store interior.
 Owner—Oregon City Woolen Mills Company.
 Architect—Williams & Grimes, Albert R. Williams, architect, 251 Post.
 Contractor—Fred W. Schell, 666 Mission Street.

Contract Awarded
STORE BLDG. Cost \$75,000
VISALIA, Tulare Co., Calif.
 New brick store building (concrete basement).
 Owner—Montgomery Ward Co.
 Plans by Engr. Dept. of Owner.
 Contractor—Trebhitt-Shields & Fishner, Pacific Southwest Building, Fresno.
 Separate contracts will be awarded at a later date for plumbing, heating and electrical work.
 (826) 1st rep. Oct. 5; 3rd, Oct. 11, 1938. 16

Plans Being Figured—Bids Close
Dec. 27, 4 P. M.
STORE BLDG.
EUREKA, Humboldt Co., Calif. F St. bet. Fourth and Fifth Sts.
 Reinforced concrete store building.
 Owner—William Smith.
 Lessee—F. W. Woolworth Company.
 Architect—Wm. E. Schirmer, 1106 Broadway, Oakland.
 Plans are being figured by the following selected list of contractors:
 Clarence H. Thrans, 28 Home Pl., Oakland.
 D. W. Nicholson, 357 12th Street, Oakland.

Merced Fraser Company, Second & Commercial Sts., Eureka.
 Moore & Roberts, 693 Mission St., San Francisco.
 Fred J. Maurer & Son, 3031 E St., Eureka.
 E. S. Mackins, 898 10th St., Eureka.
 December 20, 1938

Bids Opened
STORE Cost \$.....
SACRAMENTO, Calif. Fourth Ave. and Freeport Blvd.
 One-story frame store building.
 Owner—Safetyway Stores, Inc.
 Architect—Herbert Goodpastor, Mission Bldg., Sacramento.
 Low Bidder—H. W. Robertson, 3004 F St., Sacramento, \$12,188.

Complete bids follow:
 H. W. Robertson, \$12,188
 Chas. E. De Cuir, 12,406
 Chas. F. Unger, 12,812
 L. F. Gould, 13,047
 W. E. Truesdale, 13,450
 N. H. Lund, 13,497
 All of Sacramento.
 Bids held under advisement.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
VERNON, Los Angeles Co., Calif.—Artukovich Bros., 7320 N. Atlantic Avenue, Hynes, at \$33,202.10 awarded contract by Vernon city council (subject to PWA approval) for constructing the Leonis Blvd. storm drain system, approx. 5660 ft., including manholes. 19

Planned
AUDITORIUM Cost, \$45,000
SAN JOSE, Santa Clara Co., Calif.
 Two-story auditorium (147x100-ft.) cocktail lounge, offices, dressing rooms, sports arena
 Owner—American Legion Memory Post No. 399.
 Plans by Gifford Sobey, San Jose
 Construction will begin shortly after the first of January. 19

CONTRACT AWARDED
SAN FRANCISCO—Love & Haun, 3254 20th St., San Francisco, at \$698, awarded contract by the Department of Public Works, Room 265, City Hall, San Francisco, for the construction of a safety island at Fell and Stanyan Streets. 19

LOW BIDDER
SOUTH PASADENA, L. A. Co., Calif.—Escherich Bros., 234 W. 37th Place, L. A., submitted low bid to City of South Pasadena, at \$49,289, for swimming pool and plunge bldg. to be built in Orange Grove Park, a PWA project. Harry L. Pierce, architect, 1443 Mt. Pleasant St., Los Angeles. 19

Contract Awarded
ALTERATIONS Cost, \$.....
SAN FRANCISCO, NE Eddy and Jones Streets.
 Alter present skating rink into ballroom to be known as the Shallman Bowl.
 Owner—W. and H. Dean.
 Architect—Withheld
 Contractor—Carl E. R. Johnson, 3900 O'Farrell St. 19

December 22, 1938
BIDS WANTED
CALAVERAS COUNTY, Calif. — Until Jan. 10, 1:30 P. M., (opened at 3:00 P.M.), bids will be received by the Calaveras Public Utility District, Oliver C. Wyllie, Clerk, San Andreas, for the construction of metal flumes located on the main

canal of the Calaveras Public Utility District, Calaveras County.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 19

BIDS OPENED

SACRAMENTO AIR DEPOT, Cal.—Following submitted bids to the Constructing Quartermaster, Sacramento Air Depot, under Bid No. QM-6870-39-11, for the construction and completion of (1) one traveling bridge crane, and (2) two traveling bridge cranes in the center aisle of Air Corps Engineering Shop at the Sacramento Air Depot: Shaw Box Crane & Hoist Co., Muskegon, Mich., (1) \$18,360; (2) \$35,707.

Judson-Pacific Co., San Francisco, (1) \$15,378; (2) \$28,188.

Harnischfeger Corp., San Francisco, (1) \$14,600; (2) \$28,250.

Cyclops Iron Works, San Francisco, (1) \$17,598; (2) \$32,696.

Due to grounding of plane, the late bid of Lakeside Bridge & Steel Co., sent via air mail, will be honored upon arrival. * 19

BIDS OPENED

SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., at \$470.00 submitted low bid to the Department of Public Works for removing 4500 cu. y. of sand from the roadway and sidewalk of 31st Ave. bet. Quintara and Rivera Streets.

Total bids follow:
Piombo Bros. & Co. \$470.00
West Construction Co. 875.00
Devincenzi Bros. & Co. 990.00
* 19

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

TOCAMA, Pierce Co., Washington.—American Concrete and Steel Pipe Co., Tacoma, at \$270.045 (concrete pipe) and Steel Tank and Pipe Co., Portland, at \$219.462 (Steel pipe) submitted low bids to the Board of Contracts and Awards, 307 City Hall, Tacoma, under PWA Docket 1456-F, for furnishing and installing about 9580 ft. of 58-inch inside diameter enamel steel pipe or equal length and size of Lock Joint Concrete pipe with all necessary fittings and structures.

Hydraulic Supply Mfg. Co., Seattle, at \$236.784, submitted bid for all steel pipe. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Gilmore Fabricators, Inc., 821 Folsom St., San Francisco, at \$2,145.56, 1/2 of 1% 10 days awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 1107, for furnishing concrete reinforcement bars. * 20

NO BIDS RECEIVED

STOCKTON, San Joaquin Co., Cal.—No bids were received by the District Health Officer of San Joaquin Local Health District, 615 E. Washington Street, Stockton for awnings and venetian blinds. * 20

CONTRACT AWARDED

OAKLAND, Calif.—Neptune Meter Co., 370 Market St., San Francisco, at \$2,986.40, 2% 30 days, awarded the contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1109, for furnishing register box, main casing, flange end, gear, piston with thrust roller com-

plete, gasket, brass ring, stuffing box, etc.; fob Oakland. * 20

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Columbia Steel Co., 235 Montgomery St., Russ Bldg., San Francisco, at \$67,929.23 awarded contract by the Bureau of Reclamation, V. H. Thompson, Purchasing Agt., Custom House Denver, under Bid No. 33,016-A, for detoured intermediate grade billet steel reinforcement bars for concrete; fob Redding. * 20

BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until Dec. 27, 11 A. M., bids will be received by the Orange county supervisors, Santa Ana, for unloading hauling and distributing materials in connection with the relocation of the A. T. & S. F. railway tracks at the Prado Dam site. Specifications may be obtained from the office of M. N. Thompson, chief engineer of the Orange county flood control district, Santa Ana, without charge. Certified check, cash or bid bond for 3% must accompany each proposal. The items are:

- (1) 1240 tons 39-ft. 112-lb. rail from designated siding;
- (2) 410 tons of misc. track material from designated siding;
- (3) 30,000 8-ft. and 8 1/2-ft. crossoties ties (approx. 1820 tons) from designated siding;
- (4) furnishing and placing 19,000 tons sub-ballast material;
- (5) 2 sets turnouts, switch stands, switch ties, complete, from designated siding. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1216, for furnishing 3 motor street flushers for the Department of Public Works:

Mack International Motor Truck Co., \$7,026; \$7,776 (alt.)
Yellow Truck & Coach Mfg. Co. of General Motors; \$6,925; \$7,075 (alt.)
International Harvester Co., \$6,987-12; \$7,147.77 (alt.)

White Motor Co., \$7,596; \$7,746 (alternate).
A. L. Young Mchy. Co., \$7,025; \$7,450 (alt.)

Auto Car Sales & Service Co. of California, \$7,135.50; \$7,350 (alt.) * 20

BIDS OPENED

SAN BRUNO, San Mateo Co., Cal.—G. W. Williams Co., 10 California Drive, Burlingame, at \$17,896.50, submitted low bid to the San Bruno City Council, C. L. White, City Engineer, San Bruno, for reinforced concrete culverts, screening, and reinforced concrete pipe for flood control.

Total bids follow:
G. W. Williams Co., \$17,896.50
A. A. Tieslan, Berkeley 18,781.00
Dan Caputo, San Jose 18,930.00
George J. Raggio Co., 19,025.30
San Jose 19,025.30
R. G. Clifford, 20,887.00
San Francisco 20,887.00
* 20

BIDS WANTED

CALAVERAS COUNTY, Calif.—Until Jan. 10, 1:30 P. M., bids will be received by the Calaveras Public Utility District, Oliver C. Willie, Clerk, San Andreas, for furnishing metal flume, Unit No. 3. Contract No. 1, and lumber, Unit No. 3. Contract No. 2.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 20

BIDS OPENED

LOS ANGELES, Cal.—Bids for 75,000 bbls. of cement for Prado Dam, Piv. 187, were opened by the U. S. Engineer, Los Angeles. The items were:

OPTION I

- (1) 10,000 bbls. in paper bags for delivery fob RR cars at contractors' shipping point;
- (2) 65,000 bbls. in bulk for delivery fob RR cars at contractor's shipping point.

OPTION II

- (1) 10,000 bbls. in paper bags for delivery to job site at Prado Dam near Corona;
- (2) 65,000 bbls. in bulk for delivery to job site at Prado Dam, near Corona.

Commercial freight applicable to bid under Option II.

The bids were: California Portland Cement Co. and Riverside Cement Co., bidding jointly; Option I (1) \$1.37 bbl.; (2) \$1.12 bbl., total \$86,500; Option II (1) \$1.49 bbl.; (2) \$1.24 bbl., total \$95,500. Commercial freight, \$12 bbl. delivered from plants at Colton and Crestmore; 50% from each plant.

Monolith Portland Cement Co.; Option I (1) \$1.28; (2) \$1, total, \$77,500; Option II (1) \$1.58; (2) \$1.50, total \$100,300. Commercial freight rate \$30 bbl. Shipped from Monolith under Option II delivery from plant or from Pomona and/or Los Angeles.

Southwestern Portland Cement Co.; Option I (1) \$1.40; (2) \$1.15, total \$88,750; Option II (1) \$1.647; (2) \$1.3944, total \$107,106. Commercial gt., \$0.65 cwt.; bulk per bbl., \$2.444; sack \$2.47; shipped from Victorville.

Graham Bros., Inc.; Option II (1) \$1.678; (2) \$1.398, total, \$107,650; truck delivery from Long Beach. * 20

BIDS WANTED

BONNEVILLE, Ore.—Until Jan. 10 2:30 P. M., bids will be received by The Bonneville Project, 1300 NE Union, Portland, for machine bolts, etc., for cross arms for Vancouver-Eugene line of Bonneville transmission system; fob shipping point and fob designated delivery points.

Plans and specifications may be obtained from the above office. * 20

CONTRACTS AWARDED

WASHINGTON, D. C.—Following awarded contracts by the West Coast Navy Cement Co. under Sch. No. 5046; for cement to be delivered to various western points.

Bids were taken on:
LOT 468; 35,125 bbls. cement for San Diego and San Pedro.

LOT 469; 8,000 bbls. of cement for Mare Island and San Francisco or Wilmington.

Contracts were awarded as follows:
LOT 468; South Western Portland Cement Co., Los Angeles, \$55,636.
LOT 469; California Portland Cement Co., Los Angeles, \$5,800.
Pacific Portland Cement Co., San Francisco, \$7,020. * 20

CONTRACTS AWARDED

SAN FRANCISCO.—George P. Formi Mfg. Co., 1379 62nd, Oakland, at \$0.52 (item 3) and Art Concrete Works, 24th and Adeline, Oakland, at \$1.07; \$2.00; \$0.51, and \$0.46, awarded contracts by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2124, for furnishing concrete meter boxes, frames and lids for the San Francisco Water Department for the term ending Dec. 31, 1939. * 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Crediting, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & High ways | |

21— BRIDGES

CONTRACT AWARDED
SAN BERNARDINO CO., Calif.—Gibbons and Reed Co., 221 East San Bernardino Blvd., Burbank, at \$24,714.19 awarded contract by the State Division of Highways, Sacramento, for the construction of a reinforced concrete slab bridge consisting of two 24-ft. spans, two 22- and two 6-ft. cantilever spans on cast-in-place concrete piles and approximately .13 mile of approaches to be graded and .05 mile of Portland cement concrete pavement about two miles east of Ontario across Cucamonga Wash (VIII-SBD-26-D, San Bernardino Co.) 21

CONTRACT AWARDED
ORANGE CO., Calif.—Franzini & Fredenberg, P. O. Box 294, San Rafael, at \$12,415.50 awarded contract by the State Division of Highways, Sacramento, for repairing an overhead crossing over the Atchison, Topeka & Santa Fe Railway about one-half mile north of Gallivan (VII-Ora-2B), Orange County. 21

CONTRACT AWARDED
SAN DIEGO, Calif.—Daley Corp., 4430 Boundary St., San Diego, at \$88,975.31, awarded contract by the United States Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for about 3,299 miles grading, constructing bridges and Type B-1 road mix surface course on Section A (3) of Federal Lands Highway Project No. 5, Kane Springs-Oceanside Highway, Pala Indian Reservation, San Diego County. 21

COMPLETE BIDS
FRESNO COUNTY, Calif.—F. Fredenberg, P. O. Box 373, South San Francisco, at \$11,684 submitted low bid to the State Division of Highways, E. T. Scott, District Engineer, District VI, Fresno, for five bridges to be repaired across San Joaquin River Overflow, about eight miles east of Mendota (VI-Fre-41-P) Fresno County.

Total bids follow:

F. Fredenberg, South San Francisco	\$11,684.00
A. A. Tieslau, Berkeley	12,584.60
E. G. Perham, Los Angeles	14,741.00
A. Soda & Son, Oakland	14,999.84

21

BIDS WANTED
MODESTO, Stanislaus Co., Calif.—Until Dec. 28, 7:30 P. M., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, for the wrecking of existing wood

bridge and construction of a reinforced concrete bridge within the City of Modesto on Stoddard Avenue across the Modesto Irrigation District Lateral No. 4.

Plans and specifications may be obtained from the office of the City Engineer, 616 10th St., Modesto, upon the deposit of \$10.00. 21

CONTRACT AWARDED
CENTRAL VALLEY PROJ., Calif.—American Bridge Co., Pittsburgh, Pa., at \$124,337 awarded contract by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento, under Spec. No. 807, for the construction of the superstructures for Sacramento River Bridge, 3rd and 4th crossings, relocation of S. P. Railroad, Kennett Division, Central Valley Project. Work is located near Delta, Calif. 21

BIDS WANTED
SAN JOSE, Santa Clara County, Calif.—Until Jan. 3, 8:00 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, San Jose, for the improvement of portions of Topeka Ave.

Plans and specifications may be obtained from the above office. 21

BIDS WANTED
PLUMAS COUNTY, Calif.—Until Jan. 3, 10:00 A. M., bids will be received by the Plumas County Board of Supervisors, John Donnerwirth, Clerk, Quincy, for the construction of the Arlington bridge.

Plans and specifications may be obtained from A. J. Watson, Plumas County Surveyor, Court House, Quincy, Calif. 21

BIDS CANCELLED
LOS ANGELES COUNTY, Calif.—The State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, temporarily cancelled the call for bids for the construction of an undergrade crossing, consisting of steel track spans on reinforced concrete piers and abutments on treated timber pile foundations, under the tracks of the Atchison, Topeka and Santa Fe Railway Co. at Chapman Station, and about 0.3 mile of grading and paving with Portland cement concrete on Rosemead Blvd. (VII-LA-168-C), Los Angeles Co.

Bids were called for Jan. 12. 21

CONTRACT AWARDED
FRESNO COUNTY, Calif.—F. Fredenberg, P. O. Box 373, South San

Francisco, at \$11,684, awarded contract by the State Division of Highways, E. T. Scott, District Engineer, District VI, Fresno, for five bridges to be repaired across San Joaquin River Overflow, about eight miles east of Mendota (VI-Fre-41-P) Fresno County. 21

BIDS WANTED
LOS ANGELES COUNTY, Calif.—Until January 12, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for the construction of an undergrade crossing, consisting of steel track spans on reinforced concrete piers and abutments on treated timber pile foundations, under the tracks of the Atchison, Topeka and Santa Fe Railway Co. at Chapman Station, and about 0.3 mile of grading and paving with Portland cement concrete on Rosemead Blvd. (VII-LA-168-C), Los Angeles Co.

- Work involves:
- (1) 400 cu. y. remove concrete;
 - (2) 16 sta. clear and grub;
 - (3) 1,000 M. gals. water;
 - (4) 33,600 cu. y. unclass. rdwy. excav.
 - (5) 4,850 cu. y. struc. excav.;
 - (6) 9,000 sq. yds. prepare subgrade;
 - (7) 16 sta. finish rdwy.;
 - (8) 8 tons liquid asphalt SC-2 prime coat;

- (9) 1,700 tons min. aggregate plant mix surf.;
- (10) 80 tons liq. asph. ROMC-4 or -5 plant mix surf.;
- (11) 1,670 cu. y. Class B Portland cement conc. pave.;
- (12) 3,000 each pavement dowels;
- (13) 16 sections pavement crossing devices, Type C;
- (14) 160,500 lbs. bar reinf. steel;
- (15) 960 cu. y. Class A Portland cement conc. struc. steel;
- (16) 42,000 lbs. struc. steel;
- (17) 91,000 lbs. ballast plates;
- (18) 270 lbs. bronze expansion plates;
- (19) 8,500 lbs. steel rail assemblies;
- (20) 5,000 lbs. misc. iron and steel;
- (21) 7,580 lf. furnish treated Douglas fir piles, including test piles;
- (22) 318 each drive do.;
- (23) 500 cu. y. Class A Portland cement conc. slope paving;
- (24) 1,080 lf. 18-in. stand. reinforced concrete pipe;
- (25) 110 lf. 51-in. special do.;
- (26) 260 lf. 8-in. CMP;
- (27) 60 lf. 36-in. CMP;
- (28) 2,952 lf. perf. metal pipe;
- (29) 280 cu. y. rock filling material;
- (30) 60 lf. remove, clean and salvage pipe culverts;
- (31) 801 cu. y. Class A Portland cement conc. curbs, gutters, sidewalks and driveways;
- (32) 270 lf. curb armor;
- (33) 1,650 lf. pipe handrailing;
- (34) 3 each pipe shaft manholes;
- (35) 190 lbs. copper strips;
- (36) 490 sq. yds. asph. plank protective covering;
- (37) 1 lot elec. equip.;
- (38) 1 lot misc. items of work

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. 21

BIDS OPENED
MENDOCINO COUNTY, Calif.—B. A. Howkins & Co., 1182 Market St., San Francisco, at \$27,353 submitted low bid to the Mendocino County Board of Supervisors, H. M. Burke, Clerk, Court House, Ukiah, for the construction of a bridge located in Mendocino County.

Capital City
 Title Company

JAMES E. BANCROFT

Manager

801 J Street
 Sacramento : California

Total bids follow:

B. A. Howkins & Co., San Francisco	\$27,363.00
Harold Smith, St. Helena	24,472.00
A. A. Tieslauf, Berkeley	26,684.00
E. E. Smith, Eureka	28,887.00
E. T. Lesure, Oakland	28,878.00
Fred J. Maurer & Son, Eureka	29,000.00
Steel Erectors Consolidated, Ltd., San Francisco	29,384.00
H. C. Shattuck, San Francisco	31,313.00
A. Soda & Son, Oakland	31,521.84
Harry Mercer, Ukiah	33,949.52
	* 21

BIDS OPENED

KING COUNTY, Wash. — Florito Bros., 1100 Leary Way, Seattle, at \$55,359 (Unit 2), and at \$17,290 (Unit 3), submitted low bid to the King County Commissioners under PWA docket 1431-F, for units 2 and 3 of the county paving project.

Bids were taken on Unit 2: Greenwood Avenue Section of Holman Road.

Unit 3: Holman Road paving.

Total bids follow:

UNIT 2	
Florito Bros., Seattle	\$55,359
Northwest Const. Co., Seattle	57,493
Erickson Paving Co., Seattle	59,922
L. J. Dowell, Seattle	63,578
Toney Romano, Seattle	63,808
J. B. Covelto, Seattle	65,668
L. Romano, Seattle	66,786
UNIT 3	
Florito Bros., Seattle	\$17,290
Northwest Construction Co.	17,831
L. J. Dowell, Seattle	19,577
Erickson Paving Co., Seattle	19,816
Toney Romano, Seattle	19,890
J. B. Covelto, Seattle	21,123
	* 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS OPENED

PORTLAND, Multnomah Co., Ore. — Parker-Schram Co., Cough Bldg., Portland, at \$291,185, submitted low bid to the Port of Portland, 916 Spalding Bldg., Portland, for steel towers on dry dock 2, including removal of old towers and equipment and reinstallation for the Port of Portland. Work will include construction of 10 towers on 5 pontoons of 15,000 ton drydock, replacing existing towers. About 2,500,000 lbs. of steel required.

Total bids follow:

Parker-Schram Co., Portland	\$291,185
Steel Tank and Pipe Co., Portland	299,626
Commercial Iron Works, Portland	317,167
Joplin and Eldon, Portland	357,000
	* 22

BIDS WANTED

OXNARD, Ventura Co., Cal.—Until Dec. 29, 1:30 P. M., bids will be received by the Oxnard Harbor District, 514 South A. St., Oxnard, for the construction of works for harbor development at Point Hueneeme, Ventura County, including 4,250,000 c.y. of material to be dredged and the construction of two rock mound jetties and rock revetment, involving approx. 171,000 short tons of stone. Specifications and drawings may be seen at the office of the Board of Harbor Commissioners, 514 South A. St., Oxnard, or at the office of Quinton, Code & Hill-Leeds & Barnard, Engineers, 905 Edison Bldg., 601 W. 5th St., Los Angeles. Copies may be purchased for the sum of \$15, not returnable, except to those who submit bids. Bids must be submitted on forms provided by the district, and

must be accompanied by a certified or cashier's check or bid bond for 10% of the bid. Eugene H. Agee, President; E. O. Green, Secy. The schedules and items are:

- SCHED. I—Dredging
(1) 4,250,000 c.y. dredging;
SCHED. II—West Jetty
(2) 38,000 tons Class A stone;
(3) 24,000 tons Class B stone;
(4) 3,000 tons Class C stone;
SCHED. III—East Jetty
(5) 26,000 tons Class A stone;
(6) 20,000 tons Class B stone;
(7) 4,000 tons Class C stone;
SCHED. IV—Concrete Foundation for Beacon Lights on Jetties
(8) 80 c.y. reinf. concrete;
SCHED. V—Revetment Work in Entrance Channel and Central Basin and Slip
(9) 17,000 tons revetment stone at wharf;
(10) 39,000 tons revetment stone at Central Basin and Entrance Channel. * 22

23— CANALS

CONTRACT AWARDED

KORAVE COUNTY, Calif. — Vido Kravcevic, 5400 Imperial Highway, South Gate, at \$13,955 awarded contract by the State Highway Department, Sacramento, for construction of reinforced concrete channel protection in Orange County at Brea Canyon, about 5 miles northeast of Fullerton (VII-0ra-19-A). * 23

25— MACHINERY AND EQUIPMENT

LOW BIDDER

PEARL HARBOR, T. H.—The Cooper-Bessemer Corp., Mt. Vernon, Ohio, at \$69,178, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 9028, for two 5000 c.f.m., motor-driven air compressors with inter and after-coolers at the Navy Yard, Pearl Harbor, T. H. * 25

LOW BIDDERS

LOS ANGELES COUNTY, Calif.—Following submitted low bids to U. S. Engineer, 751 South Figueroa St., Los Angeles, for designing, constructing and furnishing six service gates for Prado Dam; to be complete with gate frames, guides, electric motor operated hoists and other appurtenances; fob bidder's shipping point and/or delivered to Prado Dam, 45 miles east of Los Angeles; Invit. 184. Low bids follow:

Phillips & Davies, \$58,000; fob Kenton, Ohio.
Hardie-Tynes Mfg. Co., \$47,802; fob Birmingham, Ala.
Consolidated Steel Corp., Ltd., \$73,140; fob Prado Dam.

Complete bids will be published shortly. * 25

BIDS OPENED

SONOMA and Marin Cos., Calif.—Following submitted bids to State Division of Highways, Jno. H. Skeggs District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental of (1) one ½-c.y. capacity power shovel with (2) truck and (3) suitable trailer for moving white on the assignment, for use in Sonoma and Marin Counties.

Total bids follow:

Take & Topp, San Francisco, (1) \$7.50; (2) \$3; (3) \$3.
L. A. Woods, Sacramento, (1) \$6.45 (2) \$5.25; (3) \$1.50.
Shanomac Co., San Francisco, (1) \$5.50; (2) \$2.84; (3) \$1.00.

Johnson & Nelson, San Anselmo, (1) \$7; (2) \$3.45; (3) \$2.00.
Paris Bros., Rio Vista, (1) 7; (2) \$3.50; (3) \$2.00.

Rock & Gravel Trucking Co., Oakland, (1) \$4.80; (2) (3) no charge.
Snaletta & Sire, Santa Rosa, (1) \$6.11; (2) \$3.24; (3) \$2.00.

Wayne Younie, Sebastopol, (1) \$5.50; (2) \$2.50; (3) \$2.00.
Merle Adams, San Bruno, (1) \$6.38; (2) \$0.85; (3) \$0.45.

A. D. Robinson, Healdsburg, (1) \$5.44; (2) \$2.33; (3) no charge.

O. V. Freeman, Palo Alto, (1) \$3.75 (2) \$0.50; (3) \$0.25. * 25

BIDS REJECTED

OAKLAND, Calif.—The Oakland Port Commission, Foot of Grove St., Oakland, rejected all bids for furnishing and installing low list draining pump for Oakland Airport, and announced that they would readvertise for bids shortly. * 25

BIDS WANTED

SAN FRANCISCO.—Until Dec. 30, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Airport Contract No. 48, for 600 hours dredging at San Francisco Airport.

Plans and specifications may be obtained at 425 Mason St., Room 600, upon deposit of \$10.00. * 25

CONTRACT AWARDED

OAKLAND, Cal.—Sam Bates Co., 1925 Dennison St., Oakland, at \$127, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the rental of air compressor. * 25

BIDS WANTED

COLUMBIA BASIN PROJ., Wash.—Until Jan. 4, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1163-D, for furnishing and delivering 18 cast-steel, draft-tube pier noses for the Grand Coulee power plant, Columbia Basin project, Washington; f.o.b. shipping point and/or Odair, Washington. The pier noses will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable. * 25

BIDS WANTED

OAKLAND, Calif.—Until Dec. 28, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1116, for furnishing five 1939 Model Ford 85 H.P. ½-ton commercial cars.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

OAKLAND, Calif.—As previously reported, until Dec. 28, 5:30 P. M., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Bid No. LS 224, for furnishing and erecting one 1,000,000 gallon steel water tank for Point San Pablo tank site.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

NAPA and Sonoma Cos., Cal.—D. C. Kemp, San Francisco, at \$470 submitted low bid to State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for rental of one 4/10-c.y. truck shovel equip-

ped with interchangeable clamshell bucket and shovel dipper for about 800 hours work in Napa and Sonoma counties.

Total bids follow:	Per hr.
D. C. Kemp, San Francisco.....	\$4.70
A. J. McClosker, Oakland.....	4.74
C. E. Huls, Merced.....	1.90
Volpsa Bros., Fresno.....	5.00
	75

BIDS OPENED

SAN FRANCISCO.—The following bids to T. A. Brooks, Purchaser of Supplies, under Bid No. 2125 for furnishing 3000 ½-inch by ¾-inch, and 25 2-inch water meters for San Francisco Water Department:

Hersey Mfg. Co., (1) \$8; (2) \$54; \$1,200 trade-in allowance; \$24,150 total; 2% 30 days.

Neptune Meter Co., (1) \$7.20; (2) \$49.20; \$2250 trade-in allowance; \$30,430 total; 2% 30 days on \$22,680.

National Meter Co., (1) \$9.23; (2) \$54; \$225.00 trade-in allowance; \$26,815 total; 2% 20 days.

Worthington-Gamon Meter Co., (1) \$7.60; (2) \$54; \$150 trade-in allowance; \$24,000 total; 2% 30 da.

Pittsburg Equitable Metal Co., (1) \$8.04; (2) \$48; \$123 trade-in allowance; \$25,197 total; 2% 30 da.

Badger Meter Mfg. Co., (1) \$8.10; (2) \$54; \$425 trade-in allowance; \$25,225 total; 2% 10 days. * 25

COMPLETE BIDS

KENDRICK PROJECT, Wyoming.—Complete bids submitted to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1146-D, for furnishing and delivering switchboards, transformers, disconnecting switches, expulsion fuses, oil circuit breakers, lightning arresters for the Cheyenne substation, Kendrick project, Wyoming, f.o.b. shipping point and/or railroad destination, are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco. * 25

BIDS WANTED

SILVERTON, Marion Co., Oregon.—Until Dec. 27, 8:00 P. M., bids will be received by C. J. Towe, President, Silverton Hills Cooperative Electric Co., Silverton, for 17½ miles of 11,000-volt electric power line from Silverton to Hull. Plans and specifications may be obtained from the above office. * 25

CONTRACT AWARDED

BRAWLEY, Imperial Co., Calif.—General Machv. Corp., Hamilton, Ohio, at \$458,372, was awarded the contract by the Imperial Irrigation District, for furnishing and installing two diesel generating units at the Brawley power plant, each engine to develop 3750 h.p. This equipment will increase the plant's capacity to 11,750 kilowatts. Nordberg Mfg. Co. of Milwaukee, Wisc., submitted the other bid at \$449,135. The award was made on the basis of engineering data submitted by the bidders. PWA approval has been received. * 25

BIDS WANTED

COLUMBIA BASIN PROJECT.—Until Dec. 28, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thomson, Purchasing Agent, Custom House, Denver, Colorado, under Bid No. A-38-254-A, for (1) three 60 H.P., Diesel-engine-powered crawler tractors, each provided with electric lighting equipment, front and rear power-take-off connections, front pull-hook, crank-case guard, and all other accessories required for opera-

tion, complete, and (2) three 95-H.P. Diesel-engine-powered crawler tractors, each provided with electric lighting equipment, front and rear power take-off connections, front pull-hook, crank-case guard, and all other accessories required for operation, each tractor equipped with a rear-mounted, two-speed double-drive hoist fitted with wire rope, for operation through hand-control levers by the rear power take-off of the tractor, complete; f.o.b. shipping point and/or Spokane, Wash. Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

PORTLAND, Ore.—Until Jan. 12, 10:30 A. M., bids will be received by the Bonneville Project, 1300 NE. Union, Portland, under Invit. No. 109, for copper conductor, 250,000 cm. and appurtenances for Vancouver-Eugene, 115 - kv transmission line (section from Salem to Eugene). Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SAN MATEO & SANTA CLARA COUNTIES, Calif.—Following submitted bids to State Division of Highways, John H. Skeggs, District Engineer, District IV, Room 211, State Building, San Francisco, for the rental of (1) one ½ cu. yd. capacity power shovel with suitable trailer for moving while on the assignment and (2) four 4 cu. yd. capacity pneumatic tired dump trucks for use in San Mateo and Santa Clara Counties.

Complete bids follow:
C. E. Huls, Merced, (1) \$7.50; (2) \$2.65 (H.L.); \$2.90 (B.L.); \$3.15 (P.L.).

Oranges Bros, Stockton, (1) \$5.50; (2) \$2.50; \$2.65; \$2.75.

Entremont & Till, Colusa, (1) \$5.00; (2) \$2.50; \$2.75; \$3.00.

Shanmac & W. C. Ralling, Menlo Park, (1) \$5.75; (2) \$2.50; 2.70; \$2.84.

Rock & Gravel Trucking Co., Oakland, (1) \$4.90; (2) \$2.00; \$2.40; \$2.40.

Shanmac & San Bruno Ave. Feed & Fuel, (1) \$5.75; (2) \$2.35; \$2.40; \$2.63.

Adams & Beguhl, Millbrae, (1) \$6.20; (2) \$2.50; \$2.70; \$3.00.

Cunha & Beguhl, Half Moon Bay, (1) \$5.00; (2) \$2.50; \$2.70; \$3.00.

Mike Malitan & Son, Pittsburgh, (1) \$5.00; (2) \$2.65; \$2.85; \$2.90.

H. Simon, San Francisco, (1) \$6.00; (2) \$2.70; \$2.85; \$3.00.

H. Simon & N. Simon, San Francisco, (1) \$5.75; (2) \$2.70; \$2.85; \$3.00.

Lake, Topp, & E. H. Goossen, San Francisco, (1) \$6.00; (2) \$2.60; \$2.90; \$3.40.

Abbott and Beguhl, San Jose, (1) \$5.11; (2) \$2.50; 2.70; 3.00.

L. A. Woods, Sacramento, (1) \$4.85; \$2.75; \$2.90; \$3.10.

BIDS WANTED

OAKLAND, Calif.—Until Dec. 28, 5:30 P. M., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Bid No. LS 224, for a steel water tank for Point San Pablo tank site. Plans and specifications may be obtained from the above office. * 75

BIDS WANTED

OAKLAND, Calif.—Until Dec. 28, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary,

512 16th St., Oakland, under Pro. No. 1117, for furnishing two 1920 Pontiac DeLuxe 120" wheel base four-door touring sedan.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 16 2 P. M., bids will be received by the Los Angeles Water & Power Purchasing Agent for one automatic quick-starting non-condensing steam turbine electric generator unit complete with all appurtenances and tools (but not including spare parts); unit to have a rated capacity of 2,500-kw., power factor 0.8, speed of 3600-rpm., and having an open system of generation ventilation, fob cars Seal Beach steam plant siding. Alt. bids on same with closed system of generator ventilation with air coolers; Spec. 2856. * 25

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Purchaser of Supplies, San Francisco, under Bid No. 2133, for furnishing 5 air compressors for the San Francisco Water Dept.

Total bids were:
Gardner-Denver Co., \$308.65, net.
Schott & Katz, \$229.50; 2% 10 days.
The Rix Co., Inc., \$244.00, 2% 10 days.
Edward F. Bacon Co., \$373.00, net.
Harron, Rickard & McCone Co., \$261.90; 2% 10 days. * 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6639: Stroud-Seabrook Co., \$6210; 5% 30; couplers.

BID NO. 6634: Golden West Quarry; \$1.83; 2% 30; 360 c.y. sand.

G. Mazzeria; 2% 30; \$1.60; \$1.60; 250 c.y. crushed rock.

BID NO. 6631: Gladding, McBean; \$1177.91; net; clay pipe.

BID NO. 6585: T. L. Rosenberg Co.; \$1874; net; elec. material.

BID NO. 6583: Joe Cunha; \$100; \$100 \$100; net; three 2½-yd. trucks; rental.

BID NO. 6480: Anthony Maccaggi; \$75; \$75; 1½ 20; two 1½-yard trucks; rental.

BID NO. 6570: Lavenson & Savasta; \$3001.80; 5% 10th prox.; conduit.

BID NO. 6563: Crane Co.; \$539.04; 2% 30; lavatory supplies. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6651: Tarrt L. Co.; \$474.43; 2% 30; lumber.

BID NO. 6650: E. D. Swift L. C.; \$600.50; 2% 30; lumber.

BID NO. 6649: Diamond Match Co.; \$789.02; net; lumber. * 27

BIDS WANTED

SAN FRANCISCO.—Until Jan. 5, 10 A. M., bids will be received by the U. S. Treasury Dept., 49 Fourth St. (Room 518), San Francisco, under Bid No. 6736, for one 20,000 G. V. W. truck and two 10-ton capacity trailers; fob shipping point and/or Marysville. Plans and specifications may be obtainable from the above office. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6652: Taft L. C.: \$53.95; 2% 30; lumber. BID NO. 6624: Petroleum Equip. Co.: \$213.90; 1% 30; valves. BID NO. 6563: Crane Co.: \$539.04; 2% 30; lavatory supplies. BID NO. 6542: Anchor Post Fence Co.: \$1898.70; net; chain link fence. * 27

BIDS WANTED

SAN FRANCISCO.—Until Dec. 28, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, under Bid No. 6756, for one dump truck, capacity to be not less than 2½-cy. or more than 3-cy., with dual rear tires; to be used for hand loading and transportation of workers, and to be equipped with suitable detachable seating arrangements to accommodate 25 workers and top to afford protection; fob Bakersfield. * 27

BIDS WANTED

SACRAMENTO, Cal.—Until Jan. 3, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-156, for flax and asbestos packing; fob Rio Vista. Plans and specifications may be obtained from the above office. *

December 22, 1938

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment, for use on WPA projects: BID NO. 6703: San Jose Hardware: \$1854.80; 2% 30; fence, wire. BID NO. 6676: Gladding, McBean: \$574; net; clay pipe. BID NO. 6674: Hayward Lumber & Investment: \$460.80; net; celotex. BID NO. 6673: Hayward Lumber & Investment: \$377.50; net; roof tile. BID NO. 6672: Hayward Lumber & Investment: \$334.08; net; celotex. BID NO. 6671: Paraffine Cos.: \$217.50; net; paint. BID NO. 6669: San Joaquin Brick Co.: \$1543.75; \$0.95; net; cementing gravel. BID NO. 6666: Monolith Portland Cement: \$0.64; 800 sacks Portland cement. BID NO. 6666: Monolith Portland Cement: \$677.50; net; \$0.6775; 1000 sacks Portland cement. BID NO. 6659: Edw. R. Bacon: \$240; net; rental-tandem roller. BID NO. 6657: Golden Gate Atlas: \$22,260; 2% 30; crushed rock. BID NO. 6656: A. I. Mitchell: \$684; 2% 20; steel pipe. BID NO. 6653: Loop L. C.: \$759.60; 2% 30; lumber. BID NO. 6648: Hayward Lumber & Investment: \$356.32; net; lumber. BID NO. 6647: Santa Fe L. C.: \$667; 2% 20; douglas fir. BID NO. 6643: San Jose Hardware: \$551.84; 2% 30; hardware. BID NO. 6641: Columbia Steel: \$392.15; net; reinf. steel. BID NO. 6570: Lavenson & Savasta: \$3001.80; 5% 10th prox.; conduit. BID NO. 6567: Pac. Plumb. & Heat Supply: \$541.02; 2% 30; plumb. supplies.

BID NO. 6564: Simonds Mch. Co.: \$1074; net; sewage ejector.

BIDS OPENED

SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects: BID NO. 6713: (file: San Francisco) N. Clark and Sons: \$760.25; 2% 30. Gladding, McBean: \$762.71; 2% 20. Kraft Tile Co.: \$813.59; 2% 20. BID NO. 6712: (390 l.f. conc. pipe; Oakland) Raegio Conc. Pipe Co.: \$2248.56; 5% 20. San Jose Conc. Pipe Co.: \$2828; 5% 20. Calif. Conc. Prod. Co.: \$2665.50; 5% 20. Amer. Conc. and Steel Pipe: \$2736; 5% 20. BID NO. 6711: (axes, saws, etc.; San Francisco) Sloss and Brittain: \$4273; 2% 20. Robert Rossinger: \$4165; 2% 30; part. bid. No. Calif. Hardware and Steel: \$4667; 2% 30. Hartwell Bros.: \$1580; 2% 30; part. bid. A. J. Gleesner: \$4505; 2% 30. San Jose Supply: \$4891; 2% 30. San Jose Hardware: \$4240; 2% 30. Diment, Carriean and Hayden: \$1.58; \$0.89; \$4.65; \$1.28; 2% 20. Gilmore Steel & Supply: \$4545; 2% 30. Baker, Hamilton & Pacific: \$4349; 2% 30. Schwabacher Hardware, Seattle: \$4490; 2% 30. Marshall-Newell Supply: \$4565; 2% 30. BID NO. 6616: Monarch I. W.: \$3,380; ½ of 1% 30. Fire Protection Prod.: \$3,457; 1% 20. Anchor Post Fence Co.: \$4,025; net. Weiland and Sons: \$3,875; net. Sartorius and Son: \$3,990; ½ of 1% 30; 1% 20. BID NO. 6708: (65000 bbls. Portland cement; Vendor's shipping point) Riverside Portland Cement: \$1,145; \$94,250; net. Monolith Portland Cement: \$1,55; \$100,750; net. Pac. Portland Cement: \$1.67; \$108,550; net. Santa Cruz Portland Cement: \$1.70; \$110,500; net. Henry Cowell: \$1.80; \$117,000; net. Yosemite Portland Cement: \$1.17; 0.00; \$1.80; net. Calaveras Cement Co.: \$1.95; \$126,750; net. BID NO. 6710: (Misc. Lumber; San Luis Obispo) Loop L.C.: \$338.95; 2% 30. So. Pacific Milling Co.: \$355.81; 2% 30. Pac. Coast Coal Co.: \$397.87; 2% 30. Smith L. C.: \$342.61; 2% 10th prox. Rolando L. C.: \$353.08; 2% 30. BID NO. 6715: (lumber; San Francisco) Smith L. C.: \$308.10; \$185.60; \$493.70; 2% 10th prox. Loop L. C.: \$315.80; \$200.96; \$516.76; 2% 30. Rolando L. C.: \$322.50; \$204.80; \$527.30; 2% 30. Christensen L. C.: \$352.25; \$224; \$76.25; 2% 30. BID NO. 6714: (Paint supplies; San Francisco) National Lead Co.: \$356.18; 2% 20. G. M. Goldberg: \$415.60; 1% 30; 2% 20. Paraffine Cos.: part. bid; no total; net.

Baker, Hamilton and Pacific: part. bid; no total; 2% 30. Standard Dist.: part. bid; no total; 1% 30. Atlas Chemical Co.: \$60; part. bid; net. Pittsburgh Plate Glass: part. bid; no total; 1% 20. Pacific Paint & Varnish: \$151.80; part. bid; net. A. A. Sanitary Supply: \$81; part. bid; 2% 30. BID NO. 6716: (pipe, tees, etc.; Ft. McDowell) Gen. Mch. and Supply: \$339.75; 2% 30. Oakland Sheet Metal Supply; Dallman Supply; Steam & Plumbing Service; Pet. Equipment; Calif. Steam and Plumb. Supply; Dalziel Co.; P. E. O'Hair; Tay-Holbrook; Richmond Sanitary; Pac. Plumb. and Heat Supply; Grinnell Co.; No. Calif. Hardware & Steel; Olsen and Heffernan Standard Supply; Baker, Hamilton & Pacific; Federal Pipe and Supply; Gilmore Steel & Supply; identical. A. I. Mitchell: \$340.39; 2% 30. Chas. M. Bailey: \$55.55; 1% 30; part. bid. Sarco Co.: \$39.60; part. bid; 2% 20. BID NO. 6717: (8,000 l.f. welded steel pipe; Lindsay) So. Pipe and Casing: \$0.579; \$4632; net. Consolidated Steel Corp.: \$4960; net. Calif. Corr. Culvert: \$0.634; \$5072; ½ of 1% 20. Western Pipe & Steel: \$0.615; \$4920; Montague Pipe and Steel: \$0.67; \$5360; net. BID NO. 6718: (1,000 l.f. steel pipe; Terra Bella) So. Pipe & Casing: \$1950; \$195; net. Consolidated Steel Co.: \$2000; net. Western Pipe & Steel: \$1970; \$1,97; net. American Pipe and Steel: \$2.02; \$2020; net. Montague Pipe and Steel: \$2.60; \$2620; net. BID NO. 6729: (rental-grinding machine; San Francisco) S. F. Terazzo Co.: \$39.50; net. Leitch Co.: \$75; net. Knox-Hale Mch.: \$98.50; 1% 20. * 27

28— FIRE EQUIPMENT**BIDS OPENED**

REDDING, Shasta Co., Calif.—Following submitted bids to the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for furnishing and delivering fire alarm boxes, switchboards and misc. fire alarm apparatus, f.o.b. Fire Station No. 1, Redding: Total bids follow: Brunton's Automotive Service, Inc., San Francisco, \$201.06 (20 cell storage batteries). The Rix Company, Inc., San Francisco, \$337.29 (air compressor). Signal Electric Supply, San Francisco, \$180.00 (air horn, etc.); \$1,139.00 (registers and takeup reels); \$126.00 (3 rectifiers); \$95.00 (4 gongs). Stromberg Electric Co., San Francisco, \$140.00 (master clock); \$377.00 (desk, etc.). H. H. Van Loven, Los Angeles, \$241 (air horn, etc.); \$263.00 (air compressor); \$1,334.00 (registers & takeup reels); \$150.00 (3 rectifiers); \$47.25 (4 gongs). Universal Tool & Mfg. Co., San Francisco, \$5,397.20 inc. sales tax (P. N. S. boxes); \$463.50 inc. sales tax (one repeater).

Square D Company, San Francisco, \$1,528.62 (switchboards). * 28

29— STREETS AND HIGHWAYS

BIDS WANTED

PERSHING COUNTY, Nevada:—Until Dec. 30, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Heroes Memorial Building, Carson City, Nevada, for the construction of approx. 2.05 miles of state highway from a point approx. 5 miles south of Lovelock to a point approx. 7 miles south of Lovelock (Lower Valley Road), Pershing County, Nevada.

- Work involves:
- (1) Force account, trim trees.
 - (2) 31 each remove trees;
 - (3) 3 each, remove stumps;
 - (4) 21,536 l.f. remove fence;
 - (5) 9 c.v. remove concrete head-gates;
 - (6) 1 each, remove culverts (timber);
 - (7) 3 each, move timber bridges;
 - (8) 15 c.v. remove riprap;
 - (9) 6 each, move mail boxes;
 - (10) 1 each, move timber diversion box;

- (11) 8882 c.v. roadway excav.;
- (12) 35 c.v. drainage excav.;
- (13) 12,423 c.v. borrow;
- (14) 62,164 yd. sta. overhaul (yd. sta.).

- (15) 46771 yd. ml. overhaul (yd. ml.);
- (16) 170 c.v. struc. excav.;
- (17) 75 c.v. backfill;
- (18) 2.05 mile subgrade, Type "B";
- (19) 686 M gal. water.
- (20) 14,860 tons Type 1 gravel base;
- (21) 6,076 tons gravel surface;
- (22) 14 tons liq. asph., Type MC2 or MC3 (seal);
- (23) 163 tons liq. asph., Type MC2 or MC3 (roadmix);
- (24) 2.03 miles roadmix;
- (25) 12 each, roadmix intersections;
- (26) 46 c.v. Class "A" concrete;
- (27) 3,820 lbs. reinf. steel;
- (28) 10 l.f. 6-in. corr. metal pipe (dipped);

- (29) 24 l.f. 12-in. do
- (30) 52 l.f. 24-in. do
- (31) 22 l.f. 30-in. do
- (32) 14 l.f. 48-in. do
- (33) 100 c.v. hand laid riprap;
- (34) 3 each, move pipe culvert head-walls;

- (35) 20,639 l.f. reconstruct fence;
- (36) 26 each, monuments.

Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, Nevada; or from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.00, of which \$5.00 will be refunded. * 29

CONTRACT AWARDED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., at \$1,593.40 awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,173 for draining and surfacing of Laidley St. slide between Mateo and Roanoke Streets. * 29

CONTRACT AWARDED

OAKLAND, Calif.—Ransome Co., 4030 Hollis St., Emeryville, at \$10,028.36 awarded contract by the Oakland City Council, W. W. Chappell, City Clerk City Hall, for the improvement of Santa Clara Avenue bet. Grand and Van Buren, Oakland. * 29

CONTRACT AWARDED

OAKLAND, Calif.—Independent Const. Co., Ltd., 14th Avenue and Clement, Oakland, at \$14,861.90 was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Broadway Terrace between Hermosa and Edith Place. * 29

CONTRACT AWARDED

LASSEN CO., Cal.—Harms Bros., Winton, at \$9,979.00 awarded contract by the State Division of Highways, F. W. Haselwood, District Engineer, District H. Redding, for about 0.6 mile of grading and surfacing with gravel and applying penetration oil treatment between three miles south of Standish and Wendel, Lassen Co. * 29

AWARD RECOMMENDED

TULARE CO., Calif.—Hemstreet & Bell, P. O. Box 550 Marysville, at \$147,494.50 recommended for award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 19.843 miles placing bituminous treated surface on Section B (portion) and placing a top course, paving shoulders and gutters and placing seal coat on Sections C1, C2, and D1, D2, and D4, of Sequoia Route 1, Generals Highways, Sequoia National Park, Tulare Co., Calif.

December 16, 1938

AWARD RECOMMENDED

SIERRA AND NEVADA COUNTIES, Calif.—Fredericks & Westbrook, P. O. Box 138, Lower Lake, at \$149,771.15, recommended for award of contract by the U. S. Bureau of Public Works, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for constructing road mix surface course on 7.948 miles of Sections B and C, Route 22, Sierra-Hobart National Forest Highway Tahoe National Forest, Sierra and Nevada Counties. * 29

AWARD RECOMMENDED

COCONINO COUNTY, Ariz.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$91,872 recommended for award of contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading, draining and placing surfacing (base) with bituminous treatment on approximately 10.761 miles of Section C and a portion of Section D of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino County, Ariz. * 29

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento Jan. 4 and in Los Angeles Jan. 5.

Following is a list of blue prints and prices:

VIII-SBd-26-C, across San Antonio Wash. Bids to be opened in Los Angeles: PLANS (No. of sheets) 11; (Cost) \$1.70; CROSS - SECTIONS (No. of sheets) 4; (Cost) \$4.00; (Total) \$2.10.

IX-Mno-76-B bet. Benton Station and Nevada State Line: bids to be opened in Sacramento: PLANS (No. of sheets) 18; (Cost) \$1.80; CROSS-SECTIONS (No. of sheets) 116; (Cost) \$11.60; (Total) \$13.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, spec-

ifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1489, Sacramento, Calif. * 29

December 16, 1938

BIDS WANTED

STATE OF WASHINGTON:—Until Jan. 4, 10:00 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for construction as follows:

Snohomish County: Constructing sidewalks, signals and ladders on four bridges on Primary State Highway No. 1, Everett to Marysville. **Edridge State Project** in Snohomish County, Washington, involving about 50 cubic yards of excavation, 245 cubic yards of concrete, 58,000 lbs. of steel reinforcing bars, 181,500 lbs. of structural steel, 34 M.B.M. of treated and 1 M.B.M. of untreated timber and lumber, 9,500 pounds of steel punchings and other items.

Spokane County: Grading, draining and constructing a reinforced concrete girder bridge on about 0.1 mile of Primary State Highway No. 2, Liberty Lake Junction to Idaho State Line—Spokane River Bridge, Federal Aid Project No. 50-B (1), in Spokane County, Washington, involving about 10,530 cubic yards of excavation, 2,664 cubic yards of concrete, 520,000 pounds of steel reinforcing bars, 5,700 pounds of structural steel, 1,850 pounds of chromium steel, 320 linear feet of pipe culverts and other items.

Clark and Skamania Counties: Grading, draining, surfacing and manufacturing and stockpiling surfacing materials and mineral aggregates (oil rock) on about 9.7 miles of Primary State Highway No. 8, Washouet to Prindle, State Project, in Clark and Skamania Counties, Washington, involving about 3,380 cubic yards of excavation, 63,170 cubic yards of crushed stone surfacing, 2,150 cubic yards of mineral aggregates (oil rock), 1,610 cubic yards of selected roadway borrow, 770 linear feet of perforated concrete drain pipe, 1,450 linear feet of pipe culvert and other items.

Clallam County: Clearing, grading, draining and surfacing of about 7.5 miles of Primary State Highway No. 9, Elwah River to Port Angeles, Federal Aid Projects Nos. 166-A (2) and 166-B (4), in Clallam County, Washington, involving 5,480 cubic yards of excavation, 1,820 cubic yds. of shoulder material, 35,940 cubic yards of selected roadway borrow, 12,660 cubic yards of crushed stone surfacing, 4,130 linear feet of half round corrugated metal gutters, 742 linear feet of perforated corrugated iron pipe, 1,541 linear feet of pipe culverts and other items.

Adams County: Grading, draining, surfacing and constructing a steel and concrete railroad undercrossing on about 2.9 miles of Primary State Highway Nos. 11 and 18, Ritzville West-N.P. Railway Undercrossing and Ritzville South Revision, Federal Aid Projects Nos. 280-C (1) and 93 (2) and Federal Aid Grade Crossing Project No. 7AHC 280-D (1), in Adams County, Washington, involving about 87,590 cubic yards of excavation, 18,610 cubic yards of selected roadway borrow, 9,100 cubic yards of crushed stone surfacing on roadway from stockpiles, 789 cubic yards of concrete, 58,310 pounds of steel reinforcing bars, 235,000 pounds of structural steel, 10,000 pounds of cast steel, 602 linear feet of pipe culverts and other items.

Pacific County: Clearing, grading, draining, surfacing, manufacturing

and stockpiling surfacing materials and mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 3.1 miles of Primary State Highway No. 12, Bear River Hill to Jct. SSH No. 12-A, State Project, in Pacific County, Washington, involving about 4 acres of clearing, 13,970 cubic yards of excavation, 8,750 cubic yards of ballast, 9,510 cubic yards of crushed stone surfacing, 620 cubic yards of mineral aggregates (oil rock), 79 tons of bituminous cement, 656 linear feet of pipe culverts and other items.

Douglas and Grant Cos.: Clearing, grading, draining and surfacing of about 3.3 miles of Secondary State Highway No. 10-B, Leahy to Coulee Dam, Wallace Canyon Section, Federal Aid Secondary Project No. FAS 37-A, in Douglas and Grant Counties, Washington, involving about 180,160 cubic yards of excavation, 9,690 cubic yards of ballast, 5,970 cubic yards of crushed stone surfacing, 1,688 linear feet of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 29

BIDS WANTED

KINGMAN, Mohave Co., Ariz.—Until Dec. 31, 10:00 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on FAGH 85-A (1) (1938) (1939), AFE 6603, Kingsman-Needles Highway; AFE 123-D (1) (1939), AFE 9304, Kingman-Boulder Dam Highway. The work, which is located in and adjacent to the town of Kingman, consists of grading, draining, agg. base course and oil processing (SC-6 road oil, plant mix), and is to be completed on or before Sept. 30, 1939. The principal items are:

- (1) 121,000 c.y. roadway excav.;
- (2) 14,300 c.y. slides and overbreakage;
- (3) 39,300 c.y. drainage excav.;
- (4) 2,800 c.y. struc. excav.;
- (5) 170,000 cu. yds. overhaul;
- (6) 170,000 c.y. m. haul;
- (7) 19,100 c.y. m. haul;
- (8) 22,400 c.y. imported borrow;
- (9) 19,900 tons agg. base course;
- (10) 5,200 M gals. sprinkling;
- (11) 1,300 hrs. rolling;
- (12) 2,274 c.y. concrete;
- (13) 995,000 lbs. reinf. steel;
- (14) 1,016 lf. CMP (6 sizes);
- (15) 24,200 lf. line fence;
- (16) 7,350 lf. road guard;
- (17) 800 lf. rail bank protection;
- (18) 7,630 tons plant mix;
- (19) 380 tons road oil (SC-6);
- (20) 750 tons screenings.

Plans and specifications may be obtained from the office of Howard S. Reed, state highway engineer. Certified or cashier's check for 5% must accompany each proposal. *

LOW BIDDER

LOS ANGELES CO., Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$85,584.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.9 miles grading and surfacing with asphalt concrete, Portland cement concrete, and plant mixed surface, on a portion of the State Highway between Lomita Blvd. and Wilmington-San Pedro Road (VII-LA-165-LA), Los Angeles Co. * 29

LOW BIDDER

FREDONIA, Coconino Co., Ariz.—Oswald Bros., 266 E 58th St., Los Angeles, at \$194,076 submitted low bid to Arizona State Highway Commission, Phoenix, for improvement

of the Flagstaff-Fredonia Highway FL 9-A (1), FA 132-B (1) (1939) AFE 8903. The work, which extends from the town of Fredonia southeast for about 14 1/2 miles, consists of grading and draining and is to be completed on or before Oct. 15, 1939.

Complete bids will be published shortly. 29

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until January 12, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 0.4 mile of grading and paving with asphalt concrete, Portland cement concrete, and plant mix surfacing between North Main Street and Mission Road (VII-LA-4-LA), Los Angeles County.

Work involves:

- (1) 22 sta. clear and grub;
- (2) 300 M gals. water;
- (3) 600 c.y. remove concrete;
- (4) 15,000 c.y. unclass. rdwy. excav.;
- (5) 9,100 c.y. struc. excav.;
- (6) 9,000 sq. yds. prepare subgrade;
- (7) 22 sta. finish rdwy.;
- (8) 1,060 tons min. agg. plant mix surf.;
- (9) 56 tons liq. asphalt ROMC-4 or -5 plant mix surf.;
- (10) 5 tons liq. asphalt SC-2 prime coat;
- (11) 5 tons asphaltic emulsion plant binder and seal coat, asphalt. conc.
- (12) 3,800 tons asphalt. conc.;
- (13) 55 c.y. Class A Portland cement conc. pave.;
- (14) 1,500 lbs. bar reinf. steel;
- (15) 150 each pavement dowels;
- (16) 6,500 lbs. misc. iron and steel;
- (17) 70 c.y. Class A Portland cement conc. struc.;
- (18) 600 lf. 12-in. standard reinf. conc. pipe;
- (19) 100 lf. 18-inch do.;
- (20) 50 lf. 18-inch do.;
- (21) 60 lf. 21-inch do.;
- (22) 70 lf. 27-in. special reinf. conc. pipe 1250-D;
- (23) 240 lf. 42-in. do. 2000-D;
- (24) 650 lf. 42-in. do. 3000-D;
- (25) 560 lf. 6-in. vit. clay pipe stand. strength;
- (26) 50 lf. 8-in. vit. clay pipe extra strength;
- (27) 650 c.y. Class A Portland cement conc. curbs, gutters, sidewalks and driveways;
- (28) 3000 lf. curb bar;
- (29) 470 lf. curb armor;
- (30) 4 each adjust manholes to grade
- (31) 50 lf. laminated guard railing;
- (32) brick junction chamber sewer;
- (33) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 29

CONTRACT AWARDED

LOS ANGELES CO., Cal.—Griffith Co., 501 Los Angeles Railway Bldg., Los Angeles, at \$85,584.50, awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.9 miles grading and surfacing with asphalt concrete, Portland cement concrete, and plant mixed surface, on a portion of the State Highway between Lomita Blvd. and Wilmington-San Pedro Rd. (VII-LA-165-LA), Los Angeles County.

BIDS WANTED

SISKIYOU COUNTY, Calif.—Until Jan. 11, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.4 miles grading between one-half mile east of Hamburg and Scott River, Siskiyou County.

Work involves:

- (1) 11 acres clear and grub;
- (2) 38,500 c.y. rdwy. excav. without class;
- (3) 600 c.y. struc. excav.;
- (4) 40,000 sta. yds. overhaul;
- (5) 20 c.y. ditch and channel excav.;
- (6) 4,900 c.y. import. borrow;
- (7) 75 sta. finish roadway;
- (8) 18 c.y. class A Portland cement concrete struts.;
- (9) 1,500 lbs. bar reinf. steel;
- (10) 732 lf. installing 18-in. CMP;
- (11) 46 lf. installing 48-in. CMP;
- (12) 214 lf. salvage metal pipe culverts;
- (13) 32 each culvert markers;
- (14) 50 each monuments.

(The State will furnish C.M.P. under Items 10 and 11).

Plans and specifications may be obtained from the above office. * 29

BIDS OPENED

LaGRANDE, Union Co., Oregon—Mountain States Construction Co., 1644 Washington St., Eugene, at \$37,327, submitted low bid to Union County Board of Supervisors, U. G. Couch, Judge, Union Co., for grading Sanderson Springs-Phillips Creek and Union-High Valley Units 1 and 3 in Union County near Summerville and Union. PWA docket 1254-F. Total bids follow:

Mountain States Constr. Co., Eugene	\$37,327
J. A. Terteling & Sons, Boise	37,811
Loanard and State, Multnomah, Oreg.	39,830
J. C. Pappin-Carson, Washington	42,881
E. L. Gates, Florida, Oreg.	43,421
E. H. Itschner, Molalla, Oreg.	43,754
Homer S. Johnson, Portland	47,004

December 22, 1938

CONTRACT AWARDED

LaGRANDE, Union Co., Oregon—Mountain States Const. Co., 1644 Washington St., Eugene, at \$37,327 awarded contract by Union County Board of Supervisors, U. G. Couch, Judge, Union County, for grading Sanderson Springs-Phillips Creek and Union-High Valley Units 1 and 3 in Union County near Summerville and Union. PWA docket 1254-F. * 29

December 22, 1938

CONTRACTS AWARDED

STATE OF OREGON—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction as follows:

(1) Baker County: Grant county line-Union Section of John Day Highway, PWA Docket 1373-F, Unit F, involving surfacing and oiling about 10.63 miles of highway roadbed. Contract Awarded: Babler Bros. Portland, \$46,538.

(2) Coos County: Coquille Section of Oregon Coast and Coos Bay-Roseburg Highways, PWA Docket 1374-F, Unit A, involving furnishing and stockpiling about 7400 cu. cr. rock or crushed gravel. Contract Awarded: O. C. Yocum, Willamina, \$17,892.

(3) Hood River County: Polalife Creek-Hood River Section of Mt. Hood Highway, PWA Docket 1375-F, Unit C, involving furnishing and stockpiling about 6000 cu. crushed rock.

Low Bidder: Saxton, Looney and Riley, Oak Grove, \$13,600. Bids rejected.

(4) Klamath County: Crescent-Beaver Marsh Section of The Dalles-California Highway, PWA Docket

1375-F, Unit F, involving furnishing and stockpiling about 7000 c.y. of rock.

Contract Awarded: Fisher Bros. Oregon City, \$13,800.

(5) Klamath and Lake Counties: Devil's Garden-Quartz Mountain Section of Klamath Falls-Lakeview Highway, PWA Docket 1404-F, involving about 12,700 c.y. excavation, 2,200 c.y. crushed rock materials and 728 tons of asphaltic road oil.

Contract Awarded: J. C. Compton & Rogers Const. Co., McMinnville, \$79,331.

(6) Lake County: Horse Ranch-Chewacan Narrows Section of Fremont Highway, PWA Docket 1375-F, involving furnishing and stockpiling about 10,500 c.y. of crushed gravel.

Contract Awarded: Schneer, Williams & Gentemann, Portland, \$12,186.

(7) Lane County: Rough Creek-Belknap Springs Section of McKenzie Highway, PWA Docket 1374-F, Unit F, involving furnishing and stockpiling about 9100 c.y. crushed gravel.

Contract Awarded: Mtn. States Const. Co., Eugene, \$14,932.

Complete bids will be published shortly. 29

30—RESERVOIRS & DAMS

CONTRACT AWARDED

YUBA and Nevada Cos., Calif.—Arundel Corp. and L. E. Dixon Co., 309 S Grand Ave., Los Angeles, at \$2,175,271.50 awarded contract by the United States Engineer Office, District Engineer, Room 208, Post Office Bldg., Sacramento, for the construction of the Upper Narrows Dairies Control Dam on the Yuba River.

The dam will be of the concrete arch type, about 1153 feet in length on the crest and about 265 feet high above the main foundation bedrock. The spillway will be the overflow type discharging over the central portion of the dam. It is estimated that approx. 231,500 c.y. of foundation excavation and placing of approximately 334,410 c.y. of concrete will be required to complete the dam. 30

BIDS OPENED

TUCSON, Ariz.—R. H. Martin, 311 N 3rd Ave., Tucson, at \$53,999.35 (unit bid extension, \$53,969.35), submitted low bid to the Tucson city council for the construction of a reservoir at the Osborne St. plant. The capacity of the present Osborne St. reservoir will be increased from 1,500,000 gals. to 9,000,000 gals. The work involves 700 c.y. concrete, 53,000 sq. ft. gunite and 34,000 bd. ft. of lumber. Phil J. Martin, Jr., water supt.; John A. Carollo, consulting engineer; R. E. Butler, city manager. The contract was awarded subject to PWA approval.

Total bids follow:
 R. H. Martin, Tucson.....\$53,999.25
 Vinson & Pringle, Phoenix.....56,900.35
 Gates & Huntley, L. A.....59,200.00
 Lewis Bros., Phoenix.....59,984.00
 M. N. Sundt, Tucson.....61,682.05
 Herbert F. Brown, Tucson.....65,182.50
 Panner Const. Co., Phoenix.....66,570.65
 Arizona Conc. Co., Phoenix.....66,641.89
 Pearson & Dickerson, Prescott.....80,600.00
 20

CONTRACTS AWARDED

EUGENE, Lane Co., Ore.—Mountain States Const. Co., Eugene, at \$51,523, awarded contract by Eugene City Water Board, Eugene, for the excavation and preparatory work for concrete reservoir of 15,000,000-gallon capacity. Steel Tank and Pipe Co.,

Portland, at \$9300, awarded contract for the elevated steel tank of 100,000-gal. capacity on steel tower 70-ft. high. Awards are subject to PWA approval. 30

CONTRACT AWARDED

BONNEVILLE, Oregon—Morrison-Knudsen Co., Inc., P. O. Box 1518, Boise, Idaho, at \$359,186.00 awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-39-57, for constructing a total of about 26,590 l.f. of pile dikes in the Columbia River at 32 different sites located between the Interstate Bridge at Vancouver, Wash., and Dodson, Ore. 30

31—PIPE LINES & WELLS

CONTRACT AWARDED

LAGUNA BEACH, Orange Co., Calif.—J. L. Kruly, 1449 Reeves St., Los Angeles, at \$37,286.96, was awarded the contract by the Laguna Beach city council, for the construction of cast iron pipe lines, reservoirs, and pumping plant, a PWA project, partly financed by 1911 Act. Plans and specifications were prepared by A. J. Stead, city engineer.

The work was divided into two schedules for assessment purposes, but the job was bid as a whole. Bids were taken on:
 Schedule 1: Laguna Canyon.
 Schedule 2: Temple Hills

Bids were:
 J. L. Kruly, Sch. 1, \$37,421.35; Sch. 2, \$49,865.61; total, \$87,286.96.

Fred W. Weber, South Gate—Sch. 1, \$38,518.23; Sch. 2, \$57,011.80; total, \$95,530.02.

H. G. Klushman, Cucamonga—bid on items 33 to 37, incl., only, total \$6493.30. Bids declared irregular. 31

BIDS WANTED

LOS ANGELES COUNTY, Calif.

—As previously reported, until December 27, 10 A. M., bids will be received by the Metropolitan Water District, 306 West Third St., L. A., for the construction of precast concrete or welded steel-plate pipe lines and appurtenant works for the Long Beach, Torrance, and Compton laterals of the Colorado River Aqueduct distribution system, Spec. 293. The work is located in the City of Los Angeles, and in unincorporated territory of the County of L. A.

Proposals will be received for two alternative types of pipe line construction. The lengths, diameters, and types of pipe required for the respective schedules are as follows:

(P) Lock-joint steel cylinder reinforced precast concrete pipe: Sch. 26: 4.7 miles of 36-in. pipe; Sch. 27: 1.2 miles of 39-in. pipe; Sch. 28: 1.3 miles of 21-in. pipe.

(SC) Welded steel-plate pipe with Gunite exterior coating and centrifugally applied (spun) mortar lining: Sch. 26: 4.7 miles of 37-in pipe; Sch. 27: 1.2 miles of 3-in. pipe; Sch. 28: 1.3 miles of 22-in. pipe.

Award will not be made for less than all the items in a schedule. Schedules 26P and 26SC for the construction of the Long Beach lateral are alternative and both will not be awarded. Schedules 27P and 28P likewise alternative to Schedules 27SC and 28SC for construction of the Torrance and Compton laterals, respectively, and award will not be made under said schedules for more than one type of construction. A bid on either Schedule 27P or 28P will not be considered unless the

bidder submits a proposal for both of said schedules; and an award if made thereunder will not be made for less than both of said schedules in a single contract. Similarly, a bid on either Schedule 27SC or 28SC will not be considered unless the bidder submits a proposal for both; and an award if made thereunder will not be made for less than both of said schedules in a single contract. Subject to the foregoing conditions the bidder may make any stipulations he desires regarding combination of Schedule 26P or 28SC with the pair of Schedules 27P and 28P or with the pair of Schedules 27SC and 28SC.

Plans and specifications may be obtained at Room 107, 306 W. Third St., Los Angeles, upon payment of \$5.00, not returnable, but contractors who submitted bids December 12 and to whom such bids were returned unopened will be given an additional copy of the specifications without charge. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, Chief Engineer.

The schedule and items are.

(1) Trench excav., cu. yds.:			
Long Bch 26P	43,000	26SC	40,500
Torrance 27P	7,800	27SC	6,700
Compton 28P	5,200	28SC	4,600
(2) Excav. for struc., cu. yds.:			
Long Bch 26P	750	26SC	750
Torrance 27P	100	27SC	100
Compton 28P	110	28SC	110
(3) Backfill, cu. yds.:			
Long Bch 26P	32,800	26SC	32,800
Torrance 27P	5,603	27SC	5,200
Compton 28P	4,000	28SC	3,700
(4) Rock refill, tons:			
Long Bch 26P	300	26SC	300
Torrance 27P	200	27SC	200
Compton 28P	200	28SC	200
(5) Conc. in struc., cu. yds.:			
Long Bch 26P	380	26SC	350
Torrance 27P	110	27SC	90
Compton 28P	95	28SC	90
(6) Conc. in cradle, cu. yds.:			
Long Bch 26P	300	26SC	300
Torrance 27P	52	27SC	50
Compton 28P	50	28SC	50
(7) Precast concrete pipe, diam 36 in., in ft.:			
(7a) With std. lock-joints—			
Long Bch 26P	23,750	26SC	-----
Torrance 27P	-----	27SC	-----
Compton 28P	-----	28SC	-----
(7b) With Welded lock-joints—			
Long Bch 26P	760	26SC	-----
Torrance 27P	-----	27SC	-----
Compton 28P	-----	28SC	-----
(8) Precast concrete pipe, diam. 30 in., in ft.:			
(8a) With std. lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance 27P	5,980	27SC	-----
Compton 28P	-----	28SC	-----
(8b) With welded lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance 27P	395	27SC	-----
Compton 28P	-----	28SC	-----
(9) Precast concrete pipe, diam. 21 in., in ft.:			
(9a) With std. lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance 27P	-----	27SC	-----
Compton 28P	6,485	28SC	-----
(9b) With welded lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance 27P	-----	27SC	-----
Compton 28P	445	28SC	-----
(10) furn. and placing steel cyl. reinf. in			

(10a) 13 gauge—			
Long Bch 26P	5,955	26SC	
Torrance .27P		27SC	
Compton .28P		28SC	
(10b) 12 gauge—			
Long Bch 26P	17,590	26SC	
Torrance .27P		27SC	
Compton .28P		28SC	
(10c) 3/4-in. plate—			
Long Bch 26P	80	26SC	
Torrance .27P		27SC	
Compton .28P		28SC	
(11) furn. and placing steel cyl. reinf. in 30-in. PCP, lin. ft.:			
(11a) 14 gauge—			
Long Bch 26P		26SC	
Torrance .27P	3,420	27SC	
Compton .28P		28SC	
(11b) 13 gauge—			
Long Bch 26P		26SC	
Torrance .27P	2,780	27SC	
Compton .28P		28SC	
(11c) 5/16-in. plate—			
Long Bch 26P		26SC	
Torrance .27P	35	27SC	
Compton .28P		28SC	
(12) furn. and placing steel cyl. reinf. in 29-in. PCP, lin. ft.:			
(12a) 14-gauge—			
Long Bch 26P		26SC	
Torrance .27P		27SC	
Compton .28P	6,720	28SC	
(12b) 5/16-gauge—			
Long Bch 26P		26SC	
Torrance .27P		27SC	
Compton .28P	40	28SC	
(13) furn. and placing reinf. steel in PCP, lbs.:			
Long Bch 26P	2,150.00	26SC	
Torrance .27P	414,000	27SC	
Compton .28P	228,000	28SC	
(14) placing reinf. steel in struc., lbs.:			
Long Bch 26P	55,000	26SC	52,000
Torrance .27P	11,000	27SC	10,000
Compton .28P	12,000	28SC	10,000
(15) furn. and install 27-in. spun mortar lined steel pipe, lin. ft.:			
(15a) 3/4-in. plate—			
Long Bch 26P	51	26SC	24,710
Torrance .27P		27SC	
Compton .28P		28SC	
(15b) 1/2-in. plate—			
Long Bch 26P	121	26SC	121
Torrance .27P		27SC	
Compton .28P		28SC	
(16) furn. and install 31-in. spun mortar lined steel pipe, lin. ft.:			
(16a) 5/16-in. plate—			
Long Bch 26P		26SC	
Torrance .27P	37	27SC	6,470
Compton .28P		28SC	
(16b) 1/2-in. plate—			
Long Bch 26P		26SC	
Torrance .27P	27	27SC	27
Compton .28P		28SC	
(17) furn. and install 22-in. spun mortar lined steel pipe, lin. ft.:			
(17a) 3/16-in. plate—			
Long Bch 26P		26SC	
Torrance .27P		27SC	
Compton .28P	40	28SC	7,010
(18) incasement under RR tracks, lin. ft.:			
Long Bch 26P	121	26SC	121
Torrance .27P	27	27SC	27
Compton .28P		28SC	
(19) pipe coating, type B, sq. ft.:			
Long Bch 26P	2,100	26SC	247,000
Torrance .27P	800	27SC	55,000
Compton .28P	500	28SC	42,500
(20) furn. and install steel manhole assemblies, lbs.:			
Long Bch 26P	8,200	26SC	8,200
Torrance .27P	3,000	27SC	3,000

Compton .28P	3,700	28SC	3,700
(21) furn and install thimbles for connections to flange fittings, lb.:			
Long Bch 26P	100	26SC	100
Torrance .27P	500	27SC	500
Compton .28P	100	28SC	100
(22) furn. and install steel plate specials, lbs.:			
Long Bch 26P	35,000	26SC	31,000
Torrance .27P	18,000	27SC	16,000
Compton .28P	15,000	28SC	13,000
(23) furn. and install electrolysis test points, type 1:			
Long Bch 26P	1	26SC	1
Torrance .27P		27SC	
Compton .28P		28SC	
(24) same, type 2:			
Long Bch 26P		26SC	
Torrance .27P	1	27SC	1
Compton .28P		28SC	
(25) same, type 3:			
Long Bch 26P	3	26SC	3
Torrance .27P	2	27SC	2
Compton .28P	2	28SC	2
(26) install misc. metal, lb.:			
Long Bch 26P	44,000	26SC	44,000
Torrance .27P	17,000	27SC	17,000
Compton .28P	13,000	28SC	13,000
(27) furn and install 6-in. C I pipe for sewer reconstr., lin. ft.:			
Long Bch 26P	100	26SC	100
Torrance .27P		27SC	
Compton .28P		28SC	
(28) remodeling house conn. sewers, lin. ft.:			
Long Bch 26P	100	26SC	100
Torrance .27P		27SC	
Compton .28P		28SC	

Sludge beds at the Sewage treatment plant located at Placerville. Plans and specifications may be obtained from the above office upon the deposit of \$10. * 32

COMPLETE BIDS

LOS ANGELES CO, Calif.—S. G. Willis & Sons, Inc., 2119 E 25th St. Los Angeles, at \$13,363.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction and installation of sanitary sewers on Fremont Avenue between First St. and Diamond St., on Diamond St. between Fremont Ave. and North Figueroa St., and on North Figueroa St. between Diamond St. and Temple St. on a portion of the State Highway in the City of Los Angeles

- Work involves:
- (1) Clear and grub;
 - (2) 18,000 c.y. rdwy. excav. unclassified;
 - (3) 3,000 c.y. struc. excav.;
 - (4) 50 c.y. remove concrete;
 - (5) 3 each drop manholes, type S;
 - (6) 3 each manholes, type B;
 - (7) 1 each flushing struc. No. 2;
 - (8) 1 each reconstruct exist. manhole;
 - (9) 80 lf. 6-in. vit. clay pipe;
 - (10) 1,250 lf. 8-in. vit. clay pipe extra strength;
 - (11) 7 c.y. Class A Portland cement conc. pipe reinf.;
 - (12) 35 c.y. Class A Portland cement concrete sidewalks;
 - (13) 1 lot misc. items of work.

Total bids follow:
 (A) C. G. Willis & Sons, Inc., \$13,363.
 (B) Griffith Company, \$18,745
 Unit bids were:

	(A)	(B)
(1)	\$450.00	\$110.00
(2)	.45	.70
(3)	.50	.55
(4)	2.00	4.00
(5)	100.00	150.00
(6)	90.00	150.00
(7)	175.00	225.00
(8)	25.00	40.00
(9)	1.00	1.20
(10)	.90	1.60
(11)	14.00	12.00
(12)	14.00	14.00
(13)	700.00	350.00

32— SEWERS & SEWAGE DISPOSAL PLANTS

LOW BIDDER

SAN FRANCISCO—Valley Renovators & Painters, Lockland, Ohio, at \$4,866 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing the materials and performing the work for subdrainage system at the U. S. Marine Hospital, San Francisco. 32

CONTRACT AWARDED

NAPA, Calif.—M. J. Lynch, Barneveld & Oakdale Ave., San Francisco at \$16,153.83, submitted low bid and was awarded contract by the Napa City Council, Whitfield Griffiths, City Clerk, City Hall, Napa, for the construction of a sewer pipe line on Pine Street, Napa, 15-inches in diameter from Walnut Street to Seminary St. and 18-inches in diameter from Seminary St., to Napa River.
 Total bids follow:
 M. J. Lynch, San Francisco \$16,153.83
 West Const. Co., San Francisco 16,272.68
 Harvey E. Conner, Redwood City 17,790.05
 A. Soda & Son, Oakland 17,840.84
 A. E. Downer, Oakland 18,149.00
 Pacific States Const. Co., San Francisco 18,412.25
 Ivor J. Jones, Berkeley 19,921.90 * 32

BIDS WANTED

PLACERVILLE, El Dorado Co., Calif.—Until Dec. 29, 7:30 P. M., bids will be received by the Placerville City Council, Esther A. Mehler, City Clerk, Placerville, for the construction of Unit C of the Municipal Disposal Project; the addition of a comminutor to the sewage treatment plant; and the construction of

BIDS OPENED

SAN LEANDRO, Alameda Co., Cal.—John F. Tulloch, 335 8th St., Oakland, at \$207,393 submitted low basic bid to the San Leandro City Council for construction of sewage pumping and treatment works. Harry N. Jenks, 345 Madrone Ave., Palo Alto, consulting engineer.
 Total bids follow:
 (A) John F. Tulloch, \$207,393.
 (B) Bennett & Taylor, Los Angeles, \$217,950.
 (C) George Petersen, San Leandro, \$218,500.
 (D) Fred J. Early, Jr., San Francisco, \$220,401.
 (E) E. C. Clifford, San Francisco, \$221,000. * 32

CONTRACT AWARDED

LOS ANGELES CO, Calif.—S. G. Willis & Sons, Inc., 2119 E 25th St. Los Angeles, at \$13,363.00 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction and installation of sanitary sewers on Fremont Avenue between First St. and Diamond St., on Diamond St. between Fremont Ave. and North Figueroa St., and on North Figueroa St. between Diamond St. and Temple St. on a portion of the State Highway in the City of Los Angeles. * 32

BIDS OPENED

OAKLAND, Calif.—The following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Skyline Blvd. and Grass Valley Rd., Oakland.

Work involves:

- (1) 185,000 c.y. excavation;
- (2) 1,760 l.f. 12-inch plain concrete or vitrified clay pipe conduit;
- (3) 87 l.f. 15-inch plain concrete or vitrified clay pipe conduit;
- (4) 325 l.f. 12-inch standard strength reinf. concrete pipe conduit;
- (5) 222 l.f. 15-inch extra strength reinf. concrete pipe conduit;
- (6) 79 storm water inlets 34-in. open;
- (7) 7 manholes with inlet tops 34-in. only;
- (8) 1 manhole standard top.

Bidders were:

- (A) Granfield, Farrar & Carlin, San Francisco.
- (B) A. Granzotto, Walnut Creek.
- (C) Parish Bros., Oakland.
- (D) Guerin Bros., San Francisco.
- (E) Heafey-Moore Co. and Fredrickson & Watson Const. Co., Oakland.
- (F) West Const. Co., San Francisco.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 22	\$ 37	\$ 22
(2).....	1.53	2.20	2.45
(3).....	2.00	2.50	2.59
(4).....	2.20	2.70	2.50
(5).....	2.75	3.00	2.70
(6).....	70.00	70.00	182.00
(7).....	130.00	100.00	342.50
(8).....	130.00	100.00	325.50
	(D)	(E)	(F)
(1).....	\$ 29	\$ 24	\$ 23
(2).....	1.30	1.35	2.25
(3).....	1.60	2.25	2.70
(4).....	1.70	1.35	2.90
(5).....	2.40	2.25	3.25
(6).....	50.00	70.00	85.00
(7).....	100.00	70.00	130.00
(8).....	100.00	70.00	120.00

CONTRACT AWARDED

SACRAMENTO, Cal.—Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., San Francisco, at \$112,600 awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, for the construction of additions to sewage pumping station No. 2, Sacramento. Total bids follow:
Lindgren & Swinerton, S. F.....\$112,600
Holdener Const. Co., Sacto.....114,500
A. Teichert & Son, Sacto.....126,790
Bennett & Taylor, L. A.....129,985

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until Jan. 5, 3:00 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, San Francisco, under Spec. No. W.D. 188, for the laying of 8-inch cast iron main in Easement at 3rd St. and Islais Creek.

Work involves:

- (1) 2,230 l.f. excav. and backfill for 8-in. pipe, trench 17-in. wide by 36-in. deep.
- (2) 25 c.y. additional excavation and backfill;
- (3) no item 3;
- (4) installing 2,230 l.f. 8-in. bell and spigot cast iron pipe;
- (5) installing of 2,400 lbs fittings, gate valves, etc.
- (6) 330 l.f. bell and spigot joints for pipe and fittings.
- (7) 700 sq. ft. of street pavement;
- (8) no item 8;
- (9) no item 9;
- (10) furnishing 2,230 l.f. 8-in. bell and spigot cast iron pipe. Class 150; at \$1.08 per l.f.;

- (11) furnishing bell end gate valves; (a) One 4-in. valve at \$12 ea.; (b) Two 8-in. valves at \$22 ea.;
 - (12) furnishing 2,000 lbs. bell and spigot cast iron fitting at \$0.06 each;
 - (13) furnishing 100 lbs. steel band and bolts at \$0.05 per lb.;
 - (14) no item 14;
 - (15) no item 15;
 - (16) Engineering and supervision, lump sum, \$200.00;
 - (17) connections; lump sum, \$133.00.
- Plans and specifications may be obtained from the cashier's office, 425 Mason St., San Francisco, upon the deposit of \$10.00. * 33

35— TUNNELS

CONTRACT AWARDED

CENTRAL VALLEY PROJ., Cal.—United Concrete Pipe Corp., Box 1, Sta. H, Los Angeles, at \$598,673.50 awarded contract by the U. S. Bureau of Reclamation, Walker R. Young, Supervising Engineer, Old Post Office Bldg., Sacramento, under Spec. No. 806 for construction of earthwork, tunnels and structures, Southern Pacific Railroad re-location, milepost 267.51 to milepost 285-725, Kennett Division, Central Valley Project. The work is located near Delta, Calif. 35

LOS ANGELES COUNTY—Grading and Surfacing—(State)

LOS ANGELES CO., Cal.—Griffith Co., 501 Los Angeles Railway Bldg., Los Angeles, at \$558,150 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.9 miles grading and surfacing with asphalt concrete, Portland cement concrete, and plant mixed surface, on a portion of the State Highway between Lomita Blvd. and Wilmington-San Pedro Rd. (VII-LA-165-LA), Los Angeles County.

Work involves:

- (1) 102 sta. clear and grub;
- (2) 2,000 M. gals. water;
- (3) 500 c.y. remove concrete;
- (4) 64,000 c.y. rdwy. excav., unclass.
- (5) 3,250 c.y. struc. excav.;
- (6) 29,000 c.y. imported borrow;
- (7) 7,000 c.y. imported subgrade material;
- (8) 325,000 sta. yds. overhaul;
- (9) 3,700 sq. yds. subgrade for pave.;
- (10) 102 sta. finish rdwy.;
- (11) 35 tons liq. asph. SC-2, prime coat;
- (12) 1,600 sq. yds. asph. paint binder;
- (13) 400 tons liq. asph. ROMC-4 or -5 plant mix surf.;
- (14) 7,550 tons min. agg. plant mix surf.;
- (15) 90 tons liq. asph. SC-2 penetration oil treatment;
- (16) 1,570 tons asph. conc. pave.;
- (17) 210 c.y. Class A Portland cement conc. pave.;
- (18) 23,000 lbs. bar reinf. steel;
- (19) 110 c.y. Class A Portland ce-

- ment conc. struc.;
 - (20) 6,500 lbs. misc. iron and steel;
 - (21) 240 l.f. 15-in. stand. reinf. conc. pipe;
 - (22) 120 l.f. 18-inch do;
 - (23) 20 l.f. 36-in. stand. reinf. conc. pipe manholes;
 - (24) 340 l.f. 24-in. special reinf. conc. pipe;
 - (25) 160 l.f. 45-inch do;
 - (26) 80 l.f. 48-inch do;
 - (27) 160 l.f. 66-inch do;
 - (28) 200 tons rock culvert foundations
 - (29) 80 l.f. 6-in. vit. clay pipe stand strength;
 - (30) 150 l.f. 8-in. vit. clay pipe extra strength;
 - (31) 20 l.f. 12-inch CMP;
 - (32) 1,460 c.y. Class A Portland cement conc. curbs, gutters and sidewalks;
 - (33) 0.25 mile new property fence;
 - (34) 12 ea. excv. manholes to grade;
 - (35) remodel sanitary sewer manhole.
- (36) Misc. items of work.
Total bids follow:
(A) Griffith Co., Los Angeles, \$85,584.50.
(B) United Concrete Pipe Corp., Los Angeles, \$86,462.00.
(C) J. E. Haddock, Ltd., Pasadena, \$91,751.00.
(D) Los Angeles Paving Co., \$97,778.50.
(E) Oswald Bros., Los Angeles, \$107,923.20.
(F) C. O. Sparks & Mundo Engr. Co., Los Angeles, \$114,826.50.
Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 4.00	\$10.00	\$ 5.00	\$ 6.00	\$ 7.00	\$ 5.00
(2).....	.50	.80	1.00	1.10	1.00	1.00
(3).....	1.50	2.50	1.35	3.50	3.50	2.00
(4).....	1.68	.19	.21	.20	.30	.25
(5).....	1.00	1.00	1.50	.85	1.00	1.00
(6).....	.44	.32	.32	.46	.60	.70
(7).....	.90	.50	.85	1.17	.70	1.35
(8).....	.003	.005	.005	.003	.01	.004
(9).....	.10	.12	.10	.11	.10	.15
(10).....	4.25	6.00	5.00	4.00	7.00	5.00
(11).....	6.00	10.00	7.00	9.50	8.00	15.00
(12).....	.02	.03	.03	.04	.04	.05
(13).....	7.50	8.00	7.50	8.80	6.00	9.00
(14).....	1.80	1.80	2.20	2.00	2.25	2.30
(15).....	9.00	10.00	6.75	11.45	20.00	8.50
(16).....	2.70	2.80	2.80	2.65	3.00	2.80
(17).....	7.60	8.00	8.00	7.60	7.25	11.00
(18).....	.047	.045	.05	.06	.05	.055
(19).....	20.00	25.00	24.00	19.00	25.00	20.00
(20).....	.13	.14	.145	.16	.16	.25
(21).....	2.00	2.30	2.00	1.35	2.20	2.50
(22).....	2.40	2.75	2.30	2.60	2.56	2.65
(23).....	6.50	6.90	6.10	8.00	7.00	8.50
(24).....	3.30	3.50	3.25	3.80	3.60	3.80
(25).....	7.80	7.25	7.45	8.55	8.10	8.70
(26).....	8.20	7.60	7.85	9.15	9.10	9.00
(27).....	11.20	10.25	11.00	12.30	12.50	13.00
(28).....	1.70	2.50	2.50	2.25	1.75	2.00
(29).....	.55	.40	.50	.80	.60	.40
(30).....	.60	.50	.70	.95	1.00	.45
(31).....	1.30	2.00	2.00	2.25	1.25	1.30
(32).....	9.90	11.00	9.90	11.00	10.00	12.00
(33).....	600.00	500.00	500.00	740.00	500.00	600.00
(34).....	9.00	10.00	15.00	9.00	9.00	20.00
(35).....	25.00	100.00	40.00	60.00	20.00	35.00
(36).....	30.00	200.00	150.00	750.00	30.00	50.00

RIVERSIDE COUNTY—BRIDGE CONSTRUCTION—(STATE)

RIVERSIDE COUNTY, Cal.—Vinson & Pringle, 2020 W. Grant Street, Phoenix, Ariz., at \$88,154.70 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Santa Ana River and about 0.3 mile of roadway to be graded and surfaced with plant mixed surfacing on a portion of the State Highway near Norco (VIII-Riv-193-A), Riverside County.

Work involves:

- (1) Clearing and grubbing;
- (2) Remove existing concrete and timber structures;
- (3) 274 gals. water;
- (4) 12,000 c.v. rdwy. excav., unclass.;
- (5) 37,000 sta. yds. overhaul;
- (6) 2,200 c.v. struc. excav.;
- (7) 1,200 c.v. imported surf. material;
- (8) 11 sta. finish rdwy.;
- (9) 500 sq. yds. asph. paint binder;
- (10) 540 tons min. agg. plant mix surf.;

- (11) 30 tons liq. asph. SC-4, plant mix surf.;
- (12) 4,000 sq. yds. prepare, mix and shape detour;
- (13) 49 tons liq. asph. SC-2 road mix surf. treatment detour;
- (14) 32 tons screen seal coat;
- (15) 2 tons liq. asph. 90-95 seal coat;
- (16) 415,000 lbs. bar reinf. steel;
- (17) 315 c.y. Class A Portland cement conc. footing block;
- (18) 1,675 c.y. Class A Portland cement conc. struc.;
- (19) 3,200 lbs. misc. steel;
- (20) 17 ft BM untreated Douglas fir timber;
- (21) 1,432 l.f. timber rail;
- (22) 5,000 l.f. furnish steel piles, including test piles;
- (23) 166 each drive do.;
- (24) 2,400 sq. yds. Class B Portland cement concrete articulated slope paving;
- (25) 22 l.f. 18-in. CMP;
- (26) 56 l.f. 24-in. CMP;
- (27) 44 l.f. remove, clean and salvage pipe culverts;
- (28) 2 each culvert markers;
- (29) 14 each guide posts;

- (30) 0.4 mile new property fence;
- (31) 18 each monuments;
- (32) 1 lot elec. equipment;
- (33) 1 lot misc. items of work.

Total bids follow:

- (A) Vinson & Pringle, Phoenix, Arizona, \$88,154.70.
- (B) White & Wilberg, Santa Monica, \$104,861.30.
- (C) C. O. Sparks & Mundo Engrg. Co., Los Angeles, \$107,105.20.
- (D) Byerts & Dunn, Los Angeles, \$187,312.00.
- (E) J. S. Metzger & Son, \$117,998.00.
- (F) John Strom, Cheno, \$119,392.00.
- (G) Contracting Engineers Co., Los Angeles, \$122,866.00.
- (H) Oscar Oberg, Los Angeles, \$123,761.00.
- (I) R. E. Campbell, Los Angeles, \$125,284.00.
- (J) United Concrete Pipe Corp., Los Angeles, \$126,154.50.
- (K) Baruch Corp., Los Angeles, \$128,203.76.
- (L) J. E. Haddock, Ltd., Pasadena, \$135,331.70.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$120.00	\$250.00	\$250.00	\$300.00	\$500.00	\$500.00	\$400.00	\$500.00	1000.00	\$500.00	\$580.00	\$800.00
(2)	\$40.00	\$350.00	3800.00	1500.00	1500.00	1000.00	400.00	1700.00	2300.00	1600.00	130.00	2000.00
(3)	.90	1.00	1.00	2.00	1.50	1.50	1.50	1.75	1.50	1.00	1.00	1.00
(4)	.30	.30	.40	.50	.50	.40	.40	.43	.30	.25	.42	.36
(5)	.01	.005	.01	.005	.01	.01	.006	.01	.005	.004	.006	.01
(6)	3.00	5.50	4.00	7.00	7.00	8.50	10.00	8.55	6.00	15.00	12.60	10.70
(7)	.50	.40	.50	.50	.70	.35	.50	.70	.40	.55	.62	.50
(8)	8.60	10.00	5.00	10.00	10.00	10.00	8.00	15.00	10.00	6.00	12.00	5.00
(9)	.12	.03	.06	.10	.10	.05	.25	.07	.05	.04	.06	.03
(10)	3.00	3.10	3.00	3.00	3.00	3.00	3.50	3.50	3.50	4.00	3.40	3.00
(11)	9.60	8.00	9.60	10.00	10.00	15.00	7.00	12.00	8.00	6.50	10.00	7.30
(12)	.096	.10	.08	.10	.10	.08	.30	.12	.08	.15	.125	.10
(13)	10.00	10.00	8.00	10.00	10.00	12.00	12.00	14.00	8.00	7.00	12.50	7.60
(14)	2.50	3.00	3.00	3.00	3.50	3.00	3.00	3.50	4.00	3.00	4.00	3.00
(15)	24.00	20.00	20.00	25.00	25.00	30.00	30.00	40.00	8.00	30.00	25.00	28.00
(16)	.044	.045	.045	.05	.047	.045	.048	.45	.048	.045	.0465	.053
(17)	8.75	9.00	16.00	15.00	12.00	15.00	16.00	12.00	20.00	17.00	10.80	18.00
(18)	17.00	24.60	20.00	21.00	24.00	22.00	23.00	24.50	29.00	22.50	25.60	25.00
(19)	.18	.17	.20	.15	.20	.20	.20	.23	.18	.15	.175	.18
(20)	72.00	90.00	100.00	75.00	60.00	60.00	80.00	100.00	70.00	60.00	85.00	86.00
(21)	1.05	1.30	1.60	2.00	1.00	2.00	1.50	1.50	1.00	1.00	1.43	1.00
(22)	1.85	1.70	1.80	1.50	2.00	1.55	1.80	1.60	2.20	1.60	1.75	1.95
(23)	15.00	18.00	24.00	25.00	40.00	12.00	15.00	44.00	30.00	20.00	24.00	40.00
(24)	2.64	1.85	2.50	.30	2.00	2.00	3.00	2.00	2.15	2.50	2.35	1.75
(25)	2.40	2.25	3.00	2.00	2.00	2.50	2.50	2.50	2.00	2.50	2.50	1.75
(26)	3.00	2.75	3.50	3.00	3.00	3.00	3.50	3.50	2.50	3.00	3.50	2.80
(27)	.60	.80	1.00	1.00	1.00	2.00	1.50	1.00	2.00	1.00	1.00	1.00
(28)	3.00	2.00	3.00	2.00	8.00	5.00	10.00	3.00	3.00	2.00	5.00	3.00
(29)	3.00	3.00	3.00	2.00	3.00	4.00	3.00	3.00	4.00	2.00	6.00	2.50
(30)	506.00	350.00	600.00	500.00	800.00	2000.00	1300.00	800.00	200.00	400.00	720.00	600.00
(31)	3.00	3.00	3.00	2.00	3.00	3.00	3.00	5.00	5.00	2.00	5.00	3.00
(32)	275.00	500.00	430.00	500.00	400.00	425.00	500.00	500.00	350.00	500.00	470.00	420.00
(33)	1000.00	1000.00	900.00	1000.00	900.00	7750.00	1800.00	2000.00	1000.00	500.00	715.00	6000.00

PORT CHICAGO, Contra Costa Co., Cont. Price, \$32,899
 Addition of five classrooms, office, library and installation of heating system at grammar school.
 Owner—Bay Point Elementary District (H. A. Gustafson, Chmn.).
 Architect — Harold H. Weeks, 593 Market St., San Francisco.
 Contractor—Carl Overaa & Co., 2105 Roosevelt Ave., Richmond.
 Contract awarded (subject to PWA approval), on basic bid including deduction of alternates 1 to 9, inclusive.

General bids were received with the following alternate proposals, all deductions: (2) sugarpine doors in lieu of Kalomein, (3) omit exterior painting of brick work, doors, etc.,

of present bldg., and plastering and painting in boys and girls toilet rooms of alteration work (4) omit steps, etc., in lieu of quarry tile (5) omit radio outlets including wiring, etc., (6) omit classroom electric light fixtures (7) knob and tool system electric work in lieu of rigid conduit system (8) omit all painting of steel walls, except toilet rooms in new addition (9) omit lathing, plastering, face trim, etc., from classroom 2 installing rough plumbing (10) omit lathing, plastering, face trim, etc., from classroom 1, installing rough plumbing (11) omit classroom 2, (12) unit price.

Total bids follow:
 (A) Carl Overaa & Co., \$35,934.

- (B) Webster Jeffers, San Francisco, \$36,400.
- (C) Alfred J. Hopper, San Francisco, \$37,442.
- (D) Willis F. Lynn, Oakland, \$38,430.
- (E) A. Frederick Anderson, Oakland, \$39,158.
- (F) Martinelli Construction Co., San Francisco, \$39,490.
- (G) Nielsen and Erbenbraut, San Jose, \$39,575.
- (H) C. M. Teigland, Oakland, \$39,835.
- (I) N. H. Sjoberg & Son, Oakland, \$40,869.
- (J) E. T. Leiter Sons, Oakland, \$41,337.
- (K) John E. Branagh, Piedmont, \$41,700.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(2)	\$200.00	\$200.00	\$180.00	\$200.00	\$170.00	\$236.00	\$200.00	\$240.00	\$264.00	\$240.00	\$130.00
(3)	300.00	400.00	380.00	300.00	387.00	340.00	350.00	320.00	312.00	700.00	530.00
(4)	245.00	125.00	225.00	250.00	250.00	228.00	300.00	290.00	266.00	700.00	360.00
(5)	160.00	150.00	147.00	150.00	150.00	150.00	120.00	180.00	115.00	170.00	150.00
(6)	295.00	260.00	375.00	280.00	375.00	380.00	220.00	235.00	206.00	270.00	251.00
(7)	370.00	350.00	30.00	620.00	82.00	100.00	150.00	685.00	150.00	200.00	148.00
(8)	305.00	150.00	300.00	300.00	300.00	200.00	250.00	325.00	300.00	700.00	194.00
(9)	1210.00	700.00	1100.00	1050.00	1200.00	1200.00	1300.00	1370.00	1243.00	1000.00	1335.00
(10)	1210.00	700.00	1100.00	1050.00	1200.00	1200.00	1300.00	1340.00	1224.00	1000.00	1235.00
(11)	2450.00	700.00	2000.00	2300.00	2700.00	2400.00	2300.00	3075.00	2548.00	1500.00	2100.00
(12)	.90	1.50	1.28	1.25	1.50	.90	1.00	1.20	1.15	1.00	1.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

SCH. 5133: Sheets, tube, copper-nickel alloy for Boston, Charleston and Puget Sound; Jan. 6.

SCH. 5148: One steel solid propeller shaft for Mare Island; Jan. 10.

SCH. 5126: Seamless copper tubing for eastern yards, and Puget Sound; Jan. 6.

SCH. 5138: Two metal melting furnaces, fuel oil, for San Diego; Jan. 10.

SCH. 990-2247: Spare parts for diesel engines (12 resistance thermometers) for Mare Island; Jan. 4.

SCH. 990-2248: 288 piston rings, compression; 96 piston rings, oil drain; and 48 piston rings, oil scraper; Jan. 4.

SCH. 1656: White oak for eastern yards and Puget Sound; Jan. 13.

SCH. 5172: 500 rolls masking tape, 72-yd. rolls for Mare Island; Jan. 10.

SCH. 5154: Hose assemblies for eastern and western yards; Jan. 10.

SCH. 5152: 12 electric drinking fountains and spares for Mare Island; Jan. 10.

SCH. 5129: Two electric driven bench drill presses for San Diego; Jan. 10.

SCH. 5140: Motor driven milling machine for San Diego; Jan. 10.

SCH. 5158: Motor driven pipe expanding and flanging machine for eastern or western yards; Jan. 10.

SCH. 5141: Motor driven precision bench lathe for San Diego; Jan. 10.

SCH. 5146: One 2-ton motor tractor truck with cab and equipment; one 9-ton semi-trailer with stake body; one do, with van body; 4 7-c.v. semi-trailers, semi-dump, refuse body for Puget Sound; Jan. 10.

SCH. 5157: Boring bar, for power drive, portable with worm gear drive, for eastern or western yard; Jan. 10.

SCH. 5159: Two 25-ton capacity chain hoists for eastern or western yard; Jan. 10.

SCH. 5160: Motor driven knife grinder, for Mare Island; Jan. 10.

SCH. 5161: 3 motor driven double grinders, dry, floor type, for Mare Island; Jan. 10.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and materials, as follows:

SCH. 5050: Pot type salt bath electric furnace for eastern or western yard; Dec. 20.

SCH. 5056: Electric seam welder and control for Puget Sound; Jan. 6.

SCH. 5084: Motor driven light type universal horizontal milling machine, for Keyport, Wash.; January 6.

SCH. 5067: 4 motor driven plain vertical milling machines for Mare Island; Jan. 6.

SCH. 5087: motor driven vertical metal shaper for Puget Sound; Jan. 6.

SCH. 5068: 9 motor driven geared

head engine lathes for Mare Island; Jan. 6.

SCH. 5064: 3 motor driven 12-inch universal vertical shapers for Mare Island; Jan. 6.

SCH. 5069: 2 motor driven heavy duty buffing lathes for Mare Island; Jan. 6.

SCH. 5082: 3 motor driven pedestal grinders for Puget Sound; January 6.

SCH. 5078: motor driven pedestal grinder for Puget Sound; Jan. 6.

SCH. 5077: 2 motor driven pedestal grinders for Puget Sound; January 6.

SCH. 5063: motor driven engraving machine for Mare Island; Jan. 6.

SCH. 5055: turbine and motor driven pumps and spares for Boston, Charleston and Puget Sound; Jan. 6.

SCH. 5044: Laminated glass for eastern and western yards; Dec. 20.

SCH. 5057: motor driven hydraulic test pump for Mare Island; January 6.

SCH. 900-2237: spare parts for fire extinguishers for eastern and western yards; Jan. 6.

SCH. 5083: motor-driven turret lathe for Keyport, Wash.; Jan. 6.

SCH. 5079: motor-driven hollow chisel mortiser for Puget Sound; Jan. 6.

SCH. 5065: motor-driven universal horizontal milling machines for Mare Island; Jan. 6.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Dec. 27, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., under Bid No. 1105-39-151, for shore pipe and dredge pump "casing wear rings"; f.o.b. Rio Vista.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Dec. 27, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-163, for lumber, plywood and wallboard; f.o.b. Fort Cronkhite.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Dec. 28, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-182, for softwood lumber; f.o.b. shipping point and/or Fort Mason.

Plans and specifications may be obtained from the above office.

SAN FRANCISCO, Calif.—Until December 27, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-165, for two gas tight ventilator shaft closure for 18-inch dia. shaft, and five gas tight ventilator shaft closure for 12-inch dia. shaft; fob Fort Cronkhite, Marin County.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Dec. 28, 3:00 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-39-166, for furnishing and installing 5 rolling steel doors in the power room, Battery Davis, Fort Funston.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Jan. 2, 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco, General Depot, Fort Mason, under Bid No. 928-39-186 for punches, furnaces; fob Motor Warehouse No. 6, Presidio of San Francisco.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 3, 3:00 P. M., bids will be received by Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-167, for 2 special rubber gaskets for ladder trunnion (inside diameter is 4'-03/4" 1 special rubber gasket for ladder trunnion (inside diameter is 2'-5-1/4") and 2 rubber seat rings for 26" gate valve, fitted with brass rings and copper nickel alloy ferrules; f.o.b. U. S. Engineer Storehouse, Foot of Marina Blvd.

Plans and specifications may be obtained from the above office. *

SACRAMENTO, Calif.—Until Jan. 3, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

BID No. 1105-39-154: nuts, cut washers, nails, steel bars, drills, hand taps, dies, files; f.o.b. Rio Vista.

BID No. 1105-39-158: welding rods; f.o.b. Rio Vista.

BID No. 1105-39-158: entrance switches, lamp holders, wire fuses, fuse links; f.o.b. Rio Vista.

Plans and specifications may be obtained from the above office. *

CALIFORNIA STATE

SACRAMENTO, Calif.—Until Dec. 29, 10:00 A. M., bids will be received by the State Purchasing Agent, Sacramento, under Quot. No. 32205, Reg. No. 6615, for one 10-ft. pneumatically-tired, dual-drive, diesel-powered motor-grader, with scarifier; f.o.b. Fresno.

Plans and specifications may be obtained from the above office. *

SACRAMENTO, Calif.—Until Dec. 23, 10:00 A. M., bids will be received by the State Purchasing Agent, Sacramento, under Quot. No. 31885, Reg. No. 15935, for one pneumatically-tired, wheel-type tractor; f.o.b. Sacramento. Trade-in allowance to be made on McCormick-Deering 10-20 Tractor CHC 515.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Dec. 30, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2139 for furnishing safety zone end bars and reflector type lane markers

Specifications obtainable from above office.

U. S. POSTAGE

PAID

San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY
PERIODICAL DEPT.

Dennis, Green Low on Two
State Contracts



Biasotti, Wood and Marks Bid Wawona Job



Building Permits, Advance Reports
of Building and Engineering
Projects

Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK
RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

465 TENTH STREET
San Francisco, Calif.
Phone Market 7110

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., DECEMBER 31, 1938

No. 53

DENNIS, GREEN LOW ON STATE HIGHWAY JOBS

Dennis Bids \$172,463 for Riverside Grading; Green Low on Bridge

LOS ANGELES, Dec. 29.—Low bids aggregating more than \$207,000 were received here today by the State Division of Highways on two Southern California projects. The low bidders were:

V. R. Dennis Construction Co., P. O. Box F, Station A, San Diego, at \$172,463, for grading and paving about 4.8 miles in Riverside county.

Edward Green, 3025 George St., Los Angeles, at \$35,278 for construction of a bridge across Mojave river at Baker, San Bernardino county, including approach road work.

The Riverside job involves grading and paving with plant-mixed surfacing and Portland cement concrete here at Corona, Riverside county, and the Orange county line.

The Mojave river bridge will be 408 feet long and will consist of timber stringer spans with concrete decks on pile bents.

LIGHTING EQUIPMENT EMPLOYMENT HIGHER

Manufacturers of lighting equipment in the United States reported considerable increase in employment, wages and value of products for 1937, as compared with 1935, according to preliminary figures compiled by Director Wm. L. Austin of the Bureau of Census.

These manufacturers employed 21,743 wage earners in 1937, an increase of 30.4 per cent over 16,677, the number reported for 1935. Wages paid, \$24,819,165, showed a gain over the 1935 figure, \$17,231,798, of 44.6 per cent. The value of products of the industry for 1937, \$115,096,494, exceeded the value reported for 1935, \$85,700,128, by 34.3 per cent.

ANDERSON LOW ON COTTAGES

SACRAMENTO, Dec. 28.—A. Frederick Anderson, 1093 Londridge Road, Oakland, today submitted a low bid of \$18,342 to the State Division of Architecture for construction of three assistant physicians' cottages at Sonoma State Home, Eldridge. S. C. Giles of Stockton was second low bidder at \$18,628.

Low bidder for electric work was Norman A. Russell of Santa Rosa at \$2,000. Scott Co., Inc., San Francisco, submitted a low bid of \$5,687 for plumbing and heating.

Northwest Lumber Production Steady

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending December 17, 1938, produced 95,293,090 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 60.5 per cent of its average weekly cut during 1926-1929.

The new business reported taken by the 151 mills was 105,043,577 board feet. Shipments were 86,263,970.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	47,175,197	35,024,200
Domestic		
Cargo	42,717,194	37,775,085
Export	6,986,357	5,299,856
Local	8,164,829	8,164,829
	105,043,577	86,263,970

The unfilled order file at these mills stood at 327,892,914 board feet.

New orders for malleable iron castings booked during October, 1938, amounted to 32,989 short tons, as compared to orders for 29,061 short tons taken during the previous month, the Bureau of Census reports.

BIDS JAN. 18 ON MENDOCINO SPAN PROJECT

State Advertises Contract for Bridge Over Jack Peter's Creek

SACRAMENTO, Dec. 27.—The State Highway Commission today authorized the Division of Highways to advertise for bids for construction of a bridge across Jack Peter's Creek about 10 miles south of Ft. Bragg in Mendocino county.

Bids on the contract will be opened in Sacramento, January 18, State Highway Engineer C. H. Purcell announces.

In addition to construction of the bridge, about 0.22 mile of grading and applying penetration oil treatment are required under the terms of the contract.

Principal items include: clearing and grubbing; 60 M. gallons of water; 4,600 cubic yards of unclassified roadway excavation; 700 cubic yards of structural excavation; 1,050 cubic yards of imported borrow; 12 stations finish roadway 7 tons of liquid asphalt SC-2 penetration oil treatment; and 36 lineal feet of CMP.

Other principal items include: 147,000 pounds of bar reinforcing steel; 800 cubic yards of Class A Portland cement concrete structures; 17 cubic yards of Class A Portland cement concrete railing; 2,300 pounds of miscellaneous steel and removing and disposing of the existing bridge.

Realty Appraisers Call Council Meet

The American Institute of Real Estate Appraisers of the National Association of Real Estate Boards has called meetings of its governing council and committees to be held at the Drake hotel, Chicago, in January. The admissions committee of the Institute will meet all day January 23. The governing council will meet in the afternoon and evening of January 23 and in the morning of January 24.

Biasotti, Wood & Marks Submit \$148,212 Low Proposal for Wawona Road Surfacing

Louis Biasotti and Son, Claude C. Wood and Frank B. Marks, bidding jointly, yesterday submitted the low proposal to District Engineer C. H. Sweeter of the U. S. Bureau of Public Roads, San Francisco, for placing a bituminous treated surfacing on 11.435 miles of the Wawona Road, Sections A1, B1, B2 and B3 of Route 2, Yosemite National Park, Mariposa county.

The low bid totaled \$148,212.50.

The second lowest offer was submitted by Mountain Construction Company, at \$153,075.75, followed by Heafey-Moore Co. and Fredrickson & Watson Construction Co. at \$154,934.50.

Other bidders were: Triangle Rock and Gravel Company and Ralph A. Bell, at \$157,396, and Isbell Construction Company, at \$199,237.50.

Principal Items

Principal items included: 4,500 cubic yards of unclassified excavation; 20,000 station yards overhaul; 11,435 miles fine grading, sub grade and shoulders; 32,100 tons of crushed rock base course; 1180 tons of asphalt of various types; 14,400 tons of Class F-2 open graded plant mixture; 2,200 tons of aggregate of various types, and 1,300 M. gallons of watering.

A force account item involved one-way traffic control and sanding asphaltic material; and lump sum bids were submitted for furnishing water plants.

The Mariposa county project was the last for which bids will be opened by the U. S. Bureau of Public Roads, San Francisco, this year. The only other job out for bids involves grading and constructing bridges on portions of Sections A, B, C and E of Route 21, the Deer Meadows National Forest Highway, Lassen National Forest, Tehama county.

Bids January 17

Bids will be opened January 17 at the Federal Office building.

Principal items include: 13,500 cubic yards of unclassified excavation; 3,407 cubic yards of unclassified excavation for structures; 1,600 cubic yards of unclassified excavation for borrow; 8,900 station yards overhaul; 4,100 cubic yard miles borrow haul; 1,963 cubic yards of concrete; 225,510 lbs. of reinforcing steel; 391,700 lbs. of structural steel; 3.9 M FBM of untreated timber, including bridge iron; and removal and disposal of existing structures.

Plans and specifications may be obtained from the office of the U. S. Bureau of Public Roads upon deposit of \$10.00.

Shipments of fire extinguishing motor apparatus during the first ten months of 1938 amounted to 640 units, as compared to shipments of 715 units during the same period in 1937, the Bureau of Census reports.

PLAN SALUTE TO BUILDERS

A Salute to the Building Industry of California will be presented over radio station KSFO, on Thursday evening, January 12, at 9:45, as a feature of the Salute to Industry Program of the California State Chamber of Commerce.

Curtis Smith, President of Dinwiddie Construction Company, will be the leading speaker on the program, with Walter Guild, of KSFO, as master of ceremonies.

Board to Consider S. F. Street Work

The designating of eight streets as "streets of major importance" will be studied by the Streets Committee of the San Francisco Board of Supervisors at the next meeting of the group, it is expected, following submission of a recommendation by City Engineer John J. Casey.

The designation: "streets of major importance" qualifies the street for improvement with State second quarter-cent gas tax funds.

The following locations were listed: Brannan, Division to The Embarcadero; Bush, Market to Presidio avenue; Divisadero street, Fell to Clay; Golden Gate avenue, Van Ness avenue to Parker; Oak street, Market to Stanyan; Oakdale avenue, Bay Shore boulevard to Third; Quint street, Palou to Oakdale; and Turk street, Arguello boulevard to Market street.

To Display Fountain Of Stainless Steel

One of the world's most unusual fountains will be found in the Palace of Electricity at the Golden Gate International Exposition.

Fashioned of mirrors, stainless steel and glass, it will be one of the features of the General Electric exhibit.

The octagonal basin of stainless steel will be 22 feet in diameter, according to J. P. Price, General Electric exhibit manager. Eight stainless steel columns will rise to a canopy of mirrors which will reflect rainbow lighting effects from under-water fluorescent lamps and mobile floodlights.

FARM EXHIBIT BUILDING OUT FOR PROPOSALS

Bids Jan. 17 on Dixon Bleachers, Frame Exhibit Structure

(Special to Daily Pacific Builder) SACRAMENTO, Dec. 17. — The State Architect today called for bids for general construction of bleachers and an exhibit building for the Thirty-sixth District Agricultural Association at Dixon in Solano county.

Bids will be opened in Sacramento January 17.

The bleachers will be of wood frame construction. They will be approximately 216 feet long and 60 feet wide, according to present plans.

Frame Construction

The exhibit building will be about 100 feet long and 60 feet wide, and will be of wood frame construction. Alternate bids will be received on the contract with portions of the work omitted.

Concrete foundations are being installed under a separate contract. Tomorrow bids will be opened for construction of three assistant physicians' cottages at Sonoma State Home, Eldridge.

The cottages will be one-story frame structures with garages. Minor roadway is called for under the terms of the contract, also.

Bids will be taken as follows: (1) general construction; (2) plumbing and heating work; and (3) electrical work.

Dairy Milk House

The only other project from the State Architect's office now out for bids is a dairy milk house at Sonoma State Home. Bids will be opened January 17.

The proposed dairy milk house will be a one-story reinforced concrete structure containing 3,450 sq. ft. of floor space. Specifications call for wood roof construction, composition roofing, and steel sash.

The building will be situated on a farm about one-half mile from the main institution.

Also called for is construction of an addition to a school at Eldridge. The addition will be a 3-classroom structure with incidental rooms and a connecting cloister.

Concrete Walls

The addition will have reinforced concrete walls, wood floors and roof, tile roofing and wood sash, according to the State Architect.

Bids will be taken as follows: (1) general construction; (2) mechanical work; (3) refrigeration work and dairy equipment; and (4) electrical work.

Shipments of shallow well water systems during October, 1938, amounted to \$416,931, as compared to shipments totaling \$395,768 during the same month in 1937, according to the Bureau of Census.

PWA Work Raises November Construction Employment; Drop on Private Jobs Slight

Gains in employment on PWA projects continued last month, while private construction employment declined less than seasonally, the U. S. Bureau of Labor Statistics reported this week.

The Bureau's November report, covering private and public construction, declared:

"Employment in the private building construction industry decreased less than seasonally, by 4.1 percent, and payrolls declined 7.8 percent, according to reports received from 13,057 contractors employing over 108,000 workers. All parts of the country reported declines with the exception of a small increase in the East South Central States. The reports received do not cover public construction projects financed by the Public Works Administration, the Reconstruction Finance Corporation, or by regular appropriations of the Federal, State and local governments. In public construction there was a decline in employment, largely because of seasonal reductions in work on roads.

"On projects operated by the Works Progress Administration, a small reduction occurred in working forces during November. There were 3,212,000 persons at work, a decrease of 33,000 from October but an increase of 1,645,000 from November 1937. Payrolls amounting to \$172,500,000 were \$2,153,000 greater than in October due to a marked increase in the number of man-hours worked during the pay period. Compared with November a year ago, payrolls for November 1938 were \$89,786,000 greater. On Federal projects under The Works Program, employment for the month ending November 15 showed a gain of 2,000, primarily on projects on which work was starting, while payrolls dropped \$130,000, because of the transfer of some workers with high wage rates on reclamation projects to the payrolls of the Public Works Administration. There was a gain of 55,000 in the number of students given aid in November.

"On construction projects financed from regular Federal appropriations during the month ending November 15, a decrease of 21,000 employees was reported. Seasonal reductions in the number working on roads under the jurisdiction of the Bureau of Public Roads and the transfer of some workers on reclamation projects to the payrolls of the Public Works Administration accounted for this decline. The payrolls for the 238,000 workers on projects financed from regular Federal appropriations were \$22,930,000, or \$1,720,000 less than in October.

"On State-financed road projects the number of men engaged in maintenance work increased sufficiently to offset the decrease in the workers on new construction. For the month ending November 15, 232,000 were at work, or 11,000 more than during the preceding

period.

"The upward movement of employment and payrolls on projects of the Public Works Administration continued, but at a less rapid rate than during the period from September 15 to October 15. The gain of 18,000 workers and the increase in payrolls of \$2,377,000 was attributed to the new projects financed from funds provided by the Public Works Administration Appropriation Act of 1938. For the month ending November 15, 166,000 men were working and payrolls amounted to \$14,467,000.

"The total number in camps of the Civilian Conservation Corps was 335,000, a gain of 10,000 from October, but 16,000 less than in November, 1937.

"The value of orders placed for materials on construction projects financed by regular Federal appropriations amounted to \$30,438,000 in November. Orders placed for materials for P.W.A. projects totaled \$25,788,000 and for Federal projects under The Works Program \$1,252,900."

RURAL ELECTRIC CONFERENCE SET FOR JANUARY 9

DAVIS, Dec. 28.—One hundred rural electrification experts, farmers, and manufacturers are expected to attend the eleventh annual Rural Electric Conference to be held on the Davis campus of the University of California on January 9, 10, and 11, according to J. F. Taveretti, of the division of Agricultural Engineering, who is in charge of arrangements.

Both morning and afternoon sessions will be held on Monday and Tuesday of the conference.

On Monday night the annual dinner will be held, with Geo. Tenney, editor of "Electrical West", acting as toastmaster, and O. B. Zimmerman, of the College of Agriculture staff, as main speaker.

Discussions at the meeting will cover a wide range of subjects, including such problems as the use of domestic water pumps, orchard sprinklers, electric dairy equipment, and electric insect traps.

An especially interesting discussion will be held on Tuesday afternoon on the use of blowers for frost protection.

Several members of the College of Agriculture staff, as well as representatives of frost protection companies, and other experts will take part in this seminar.

OPENING DATES FOR EXTENSION CLASSES TOLD

U. C. Planning S. F. Courses In Structural Mechanics, Concrete Design

The University of California Extension Division announces that courses in structural mechanics, concrete design and air conditioning will be given at 540 Powell street, San Francisco, and 1730 Franklin street, Oakland.

Titles, descriptions and opening dates of the courses are:

Structural Mechanics (856A) Force systems necessary for the support of any structure and the stresses in its various members due to loads. Prerequisite to courses in reinforced concrete design.

Opening dates: San Francisco, Monday, Jan. 9, 8 P. M.; Oakland, Tuesday, Jan. 10, 7 P. M.

Reinforced Concrete Design (860B) Combined bending and direct stress; design of tile void floors, flat slabs, retaining walls.

Opening Date: San Francisco, Monday, Jan. 9, 7 P. M.

Reinforced Concrete Design (860A) For architects, engineers, and draftsmen; design of a reinforced concrete building.

Opening Date: Oakland, Tuesday, January 10, 8 P. M.

Reinforced Concrete Design; Continuous Beams (863). Moment distribution applied to continuous concrete structures; analysis of one-story frames; beams and columns with variable moment of inertia.

Opening Date: San Francisco, Wednesday, January 11, 7 P. M.

The courses above will all be given by Mr. Victor E. Johnson.

Air Conditioning (870 A-B). The processes of air-conditioning associated with particular emphasis on the fundamental principles involved.

Opening Dates: San Francisco, Thursday, January 19, 7:30 P. M.; Oakland, Monday, Jan. 16, 6:30 P. M.

Air Conditioning Systems (871 A). Emphasizes the application of fundamental technical principles and analytical methods to the design, selection and operation of equipment for complete air-conditioning systems. The course is intended primarily for men already associated with the air-conditioning industry who desire to broaden their knowledge through critical analysis of typical application problems.

Opening Dates: San Francisco, Friday, February 3, 7:30 P. M.; Oakland, Wednesday, Feb. 1, 6:30 P. M.

The air conditioning courses will be given by Mr. F. W. Hutchinson, instructor in mechanical engineering at the University of California; the other courses will be conducted by Mr. Victor E. Johnson, teacher of mechanical drawing and mathematics, Oakland High School.

Shipments of distillate oil burners during the first ten months of 1938 amounted to 291,147 units, as compared to a total of 415,705 units shipped during the corresponding period in 1937, according to the Bureau of Census.

ENLARGE FHA WESTERN ZONE OFFICES HERE

**To Move Rental Housing Zone
Units to San Francisco
From L. A.**

Almost simultaneously with the action of President Roosevelt in authorizing the Federal Housing Administration to insure an additional \$1,000,000,000 in home mortgages, both the Western zone office and the Northern California district office of the FHA will move to larger quarters in the Commercial Union building, 315 Montgomery street, on January 1, 1939. Present offices of both organizations are at 433 California street.

With the extension of present financing facilities assured, and with indications that next year will show further gains in public acceptance of the FHA plan of home ownership, the San Francisco organization of the Federal Housing Administration will occupy the entire third floor of the Commercial Union building with 11,640 square feet of space.

It is also announced that the Rental housing, land planning and other units connected with the Western rental housing zone office which are now located in Los Angeles, will be moved to San Francisco on January 1 and assigned space in the enlarged quarters. All operations of the Federal Housing Administration in the eleven Western States, known as Zone 5, will continue to be directed by W. J. Lockwood, Deputy Administrator for the Federal Housing Administration.

Personnel Increases

The Northern California district office, opened on August 16, 1934, with a personnel of four, has grown to require the services of a force of 185. Despite the increased personnel of the Federal Housing Administration, D. C. McGinness, one of the original four employed in this office of which he was recently appointed district director, predicts that for the fiscal year 1940 the FHA should be able to operate the Mutual Mortgage Insurance System at little or no cost to the Federal government. Income from insurance premiums and appraisal fees should provide for this, he points out.

With 534 applications for FHA-insured mortgages during the week ending Saturday, December 17, this was the largest number received by the Northern California district office during any week in 1938. The previous record was established during the week ending March 18, 1938, when 530 were received. The value of applications received during the week ending December 17 was \$2,494,800, it is announced.

New Program Past Six Months Mark; 5,509 Jobs Start

Six months old last week, the 1938 PWA program has succeeded in "making the dirt fly" on the largest aggregation of public works projects ever undertaken in so short a time, according to Public Works Administrator Harold L. Ickes.

The 1938 PWA Act was signed by President Roosevelt June 21. As of December 21, Administrator Ickes stated that PWA has placed under construction a total of 5,509 public works projects, in every section of the nation, costing \$1,222,670,867.

With approximately 75 per cent of the program already under way, Administrator Ickes declared, and the remaining 25 per cent to begin before the January 1 deadline set by Congress, PWA has scheduled construction within the next ten days on the balance of some 1,500 projects, with an estimated cost of more than \$300,000,000.

In almost every single county in the United States there are under construction or completed public works projects which represent the willingness of States, cities and other local governments to participate in the financing and erection of structures which tend to satisfy the social needs of the people. Altogether, in the five and a half years of its existence, PWA has allotted funds for the construction of public works costing about six billion dollars. These projects have provided to date almost ten billion man-hours of work at prevailing wages under normal private enterprise, and have released hundreds of millions of dollars in wages to men who might otherwise not have been employed.

Private industry, including transportation, mining, lumbering and milling, as well as production and fabrication of steel, brick, cement and other products, has already benefited to the extent of almost two and a half billion dollars in material orders, and will continue to benefit under the current program. Local communities participating in the program by contributing 55 per cent of the cost of the non-Federal projects have indicated their need and desire for a wide variety of projects all of which are self-selected.

California Projects Allotted PWA Funds

California last week received two more last-minute grants, totaling \$106,613, from the Federal Public Works Administration, announced Kenneth A. Godwin, PWA Regional Director. Both projects, approved by Public Works Administrator Harold L. Ickes, are to be put under construction immediately, the deadline being Jan. 1.

HIGHWAY USERS GROUP ADOPTS TAX PROGRAM

**Conference Publishes Outline
Of Policies; Urges
Modern Roads**

WASHINGTON, Dec. 29.—With 47 states now completing surveys upon which they will base their future highway programs, major farm, industrial and business groups joined today in urging that state legislatures soon to convene be guided by policies assuring that the more than a billion and a half tax dollars paid annually by highway users in special taxes and fees shall be used to provide roads "suitable for the movement of modern traffic with safety, economy and facility."

Acting through the National Highway Users Conference, groups representative of farmers, retailers, dairymen and other leading users of highway transportation united with organizations in the automotive-highway field in presenting what they term "well-defined" principles for future guidance in dealing with the problems of highway taxation, finance and administration.

"These highways," the statement continues, "must in every instance be predicated on traffic needs, and long-term, rational planning surveys should point definitely to where needs exist. They must embody every practical safety aid. The growing need for adequate intermediate rural roads, as well as arterial routes through cities, must not be overlooked.

"The revenues from special motor-vehicle fees and taxes should be dedicated exclusively to highway purposes. There should be adopted in every state appropriate provisions to prevent diversion of motor-vehicle revenues to other than highway purposes."

The principles of highway taxation, finance and administration suggested by the National Highway Users Conference are set forth in a pamphlet made public today. They cover the following subjects: statement of policy, classification of highway, responsibility for cost of highways, principles of motor-vehicle taxation, planning, special motor imposts, diversion and fundamental policies (general, federal, state and administrative and engineering).

California Leading In FHA Acceptances

California is still leading the United States in gross volume of mortgages accepted for insurance by the Federal Housing Administration, according to latest figures received from Washington by D. C. McGinness, director, Northern California district office of the F H A.

TO ADVERTISE FRIANT WORK NEXT SPRING

Deputy Commissioner to Seek Final Clearance of Water Rights

Hope that bids for the \$15,000,-000 Friant unit of the Central Valley Project would be advertised this spring was seen last week as Reclamation Commissioner John C. Page moved to wind up negotiations over water rights and other legal problems.

Mr. Page instructed Deputy Commissioner Roy B. Williams to entrain for Sacramento about the first of the year with the intention of staying with negotiations until all legal tangles are ironed out.

Progress in this direction has been made already since Harold L. Ickes, Secretary of the Interior, recently approved as to form two San Joaquin River water rights contracts with Miller & Lux. Negotiations are pending with the Madera and Fresno Irrigation Districts; Chowchilla Farms, Inc.; Southern California Edison Company, and several others.

In sending Mr. Williams to Sacramento, Reclamation Commissioner Page said: "It is my hope that he will get things moving to the point where we can realize our ambition of advertising for bids for construction of the dam in the late spring."

He added: "I have instructed Mr. Williams to live with the negotiations indefinitely."

In commenting on progress made at the Friant Dam site, Walker R. Young, supervising engineer for the U. S. Bureau of Reclamation, said recently that a Government Camp is completed at the site approximately 20 miles from Fresno.

Field location of the 160-mile Friant-Kern Canal has been advanced as far as Woodlake, a distance of seventy miles. Location of the 40-mile Madera Canal is advanced as far as the Fresno River, a distance of twenty-two miles.

At that time, Mr. Young said: "As a result of flood control studies in the San Joaquin Valley, consideration is being given a plan to increase the height of the proposed Friant Dam by fifteen feet to provide 70,000 acre-feet of flood control storage in the reservoir."

FHA Home Payments Include City Taxes

Approximately 42,000 purchasers of homes under the FHA plan of home ownership were conspicuous by their absence at city tax collector's windows and offices in Northern California when the final date for payment of real estate taxes arrived a few weeks before

Fowler to Head S. F. Section of Civil Engineers

The San Francisco Section of the American Society of Civil Engineers last week elected Frederick H. Fowler president of the organization for 1939 at its annual meeting devoted to the hearing of annual reports and election of officers.

Harold B. Hammill was elected first vice-president, and James I. Ballard was named second vice-president. Re-elected to the post of secretary-treasurer was T. J. Corwin, Jr.

Guy F. Atkinson, widely known contractor, was the guest speaker at the meeting. His topic was: "The Construction of the Foundations of Grand Coulee Dam". Ralph G. Wadsworth presided.

U. S. Building 67% Above 1937 Level

Permit valuations for residential buildings in November were 67 percent higher than in November of 1937, Secretary of Labor Frances Perkins reported this week. "For five consecutive months the value of residential buildings has shown an increase of more than 50 percent over the corresponding month of 1937", she said.

"The value of new nonresidential buildings increased 47 percent, as compared with November, 1937. The value of additions, alterations, and repairs, on the other hand, declined 7 percent over the year period. Total permit valuations, covering residential and nonresidential buildings and additions, alterations and repairs, were 43 percent higher.

"There was a decrease of 9 percent in total permit valuation in November as compared with October. This decrease is much smaller than the usual seasonal decline. The value of new residential buildings declined 5 percent during the current month as compared with October. The value of new nonresidential buildings showed a decrease of 9 percent and the value of additions, alterations and repairs a decline of 23 percent. These data are based on reports received by the Bureau of Labor Statistics from 2,049 cities having an aggregate population of 59,650,000."

Shipments of malleable iron castings during Oct., 1938, amounted to 28,554 short tons, as compared to shipments totaling 26,941 tons during the preceding month, the Bureau of Census announces.

Christmas, points out D. C. McGinness, District Director, Federal Housing Administrator, San Francisco.

ASK WEST COAST REPRESENTATION ON COMMISSION

Chamber Committee Sees Hope In Maritime Board Vacancy

A request for Pacific Coast representation on the U. S. Maritime Commission was made this week by R. E. Fisher, chairman of the State Chamber of Commerce committee on Shipbuilding and Ship Operation.

Resignation of Commissioner Truitt, according to Fisher, leaves a vacancy on the commission which it is expected will be filled in January, 1939. "Our needs are just as grave as those of any other section", Fisher stated, "and the Maritime Commission should have a Pacific Coast member to see that they are given proper consideration."

"We are pleased with the recent announcement that contracts for some \$6,000,000 for construction of three type C-3 ships have been assigned to a western yard," Fisher continued, "but, at the same time, approximately \$130,000,000 in shipbuilding contracts were assigned to eastern yards.

"We still have a long way to go, and we all hope that every Pacific Coast shipyard will be successful in receiving sufficient peace time work to restore them to the efficiency necessary in our National Defense."

With Fisher on the Shipbuilding and Ship Operation Committee of the State Chamber of Commerce are: R. A. Balzari, San Francisco; Philip Coxon, San Francisco; R. L. Eltringham, San Francisco; O. H. Fischer, San Francisco; G. L. Fox, San Francisco; W. W. Glosser, Emeryville; Chas. M. Gunn, San Francisco; F. T. Letchfield, San Francisco; Warren G. Libbey, San Francisco; Dr. Howard M. McKinley, San Francisco; H. R. Noack, San Francisco; Frank P. Tibbets, Menlo Park; and Walter J. Walsh, San Francisco.

WESTINGHOUSE LISTS TWO STRIP HEATERS

Two new types of strip heaters designed to produce quick heat have been announced by the Westinghouse Electric & Manufacturing Company. Made in two temperature ratings of 750 deg. F. and 1200 deg. F. on the sheath, these heaters are particularly applicable on crane cabs, valve house, elevators, ovens, metal water tanks, pipe lines, hydrants, hot tables, metal moulds, foundry platens, according to the company.

Heaters may be obtained either with both terminals at one end or at opposite ends for installation convenience. Heating elements, with refractory insulation and sealed against moisture, are completely enclosed and bolt holes are provided at each end.

S. F. Utilities Commission Lets \$800,000 Work in 1938; Several Contracts Delayed

The San Francisco Public Utilities Commission awarded contracts aggregating approximately \$800,000 to private contractors during the twelve months of 1938, an unofficial tabulation revealed yesterday.

Work on the \$2,850,000 airport improvement program, for which funds were voted in 1937, accounted for more than half the total amount spent on construction and improvements during the year.

Following are the totals under each division of the Public Utilities Commission's set-up: airport, \$449,611; exposition, \$66,970; municipal railway, \$83,158; Hetch Hetchy, \$22,635; electric power bureau, \$2,723; and water department, \$169,001.

More Work Seen

Considerable work is expected during the balance of the fiscal year, ending June 30, as several contracts were held up awaiting action on an application for a P W A grant. The grant was not approved in Washington.

The Public Utilities Commission wound up its Golden Gate International Exposition program in January, letting a \$66,970 contract to Dinwiddie Construction Company for finishing offices in the airport terminal building on Yerba Buena Shoals. The contract called for electrical work; plastering; glazing; plumbing; composition flooring; painting; heating and venting; finish hardware; masonry and miscellaneous carpentry.

The largest contracts awarded during the year involved construction at San Francisco Airport.

To Macco Construction Company at \$325,571.25, went the contract for earth and rock fill.

Airport Paving

Lee J. Immel, at \$97,430, was awarded the contract for paving at the airport. The work involved: 320,000 gallons of emulsified asphalt, in place, in asphalt stabilized pavement base; 430,000 gallons of emulsified asphalt, in place, in asphaltic concrete wearing surface; 150,000 gallons of emulsified asphalt, in place, in asphaltic concrete fill under wearing surface; and 60,000 gallons of emulsified asphalt, in place, in seal coat and penetration asphaltic treatment.

Other airport jobs included: Frank J. Reilly Company, at \$5331 for improving the administration building; Mangrum, Holbrook and Elkus, at \$6834 for finishing rooms in the administration building; A. S. Dutra, at \$6,084, for exploring and dredging, and at \$8,360 for additional dredging of a channel.

Completion of the San Francisco-Oakland Bay Bridge Terminal provided the bulk of the work for the Municipal Railway. Eaton & Smith, at \$59,902, were awarded the contract for construction of tracks from Market street to the terminal; and H. S. Tittle Company, at \$9,250, started work on

the trolley system for the terminal loop.

Car Track Changes

Reconstruction of Nineteenth avenue necessitated changes in tracks on Judah street between Eighteenth and Twentieth avenues. All proposals received the first time bids were called were rejected, and at the second bid opening the Municipal Railway submitted the low proposal of \$7,400.

Painting of car barns and stations by the American Building Maintenance Company, at \$3,433, and the Aristo Painting Company at \$3,173, wound up the year's work for the Municipal Railway.

Approximately \$22,635 worth of work was done under Hetch Hetchy contracts during the year.

The largest job—for constructing walks, water, electrical and sewer services at Moccasin and Priest—went to L. Ubels, at \$12,457.75

Drainage Pump

Other contracts included: C. Dudley de Velbiss, at \$1,500, for levee work at San Joaquin Valve House; Pacific Coast Construction Co., at \$1,677, for construction of a drainage pump, electrical work and pipe at the valve house; Link Belt Company, at \$5,600 for installing a mechanical cleaned bar screen at Lower Cherry aqueduct; and Charles D. Warner, at \$1,400, for riprapping the levee at San Joaquin Valve House.

The customary Electric Power Bureau Contracts were awarded during the year.

San Francisco Water Department contracts awarded during 1938 amounted to \$169,001. The largest went to W. O. Tyson, at \$37,318.40, for construction of a temple and improvements at Pulgas Outfall.

Pacific Pavements Co., Ltd., at \$37,185, again submitted the low bid for repaving sidewalk openings made by the Water Department during the year. The next largest contract—for preliminary excavation and pipe relocation for the reconstruction of Calaveras Stillage Basin—went to Sibley Grading & Teaming Company, Ltd., at \$20,035.

Water Main Projects

E. J. Treacy led the field in the regular main-laying contract division, receiving nine contracts aggregating \$31,240.

Martin Murphy was awarded four contracts for laying mains, totaling \$9,749. W. J. Tobin received two contracts aggregating \$4,811.

Other contracts awarded included: Lowrie Paving Co., at \$8,737.-

ANNUAL OAKLAND HOUSING EXHIBIT SET FOR JAN. 20

FHA Shipping Entire Carload
Of Display Material From
Washington

The Federal Housing Administration is shipping an entire carload of exhibits from Washington for a mammoth display at the second annual Oakland National Housing Exposition to be held in that city January 20 to 28, inclusive. It will be the first appearance of this exhibit on the Pacific Coast.

In extending an invitation to builders, material dealers and prospective home owners throughout Northern California to attend this building exposition in Oakland, Grover McDonald, general manager, appointed by the Oakland Real Estate Board and Associated General Contractors of the East-bay, sponsors, reports that all branches of the home building industry are uniting in presenting to the public a demonstration in housing that will be both educational and practical.

Held in cooperation with the Federal Housing Administration, the sponsors are planning one exhibit to show both the wrong and the right way to build a house by erection of cut aways using actual building materials.

Every item will be labeled so that the demonstration is in "cafeteria" style and needs no verbal explanation.

Every detail, they state, will be strictly in accord with the Federal Housing Administration's construction requirements.

06, for laying mains in Lakeside Subdivision No. Two; Western Asbestos Company, at \$1,983, for acoustical treatment at the Water Department building; Lowrie Paving Company, at \$1,949, for laying mains in Forty-eighth, Forty-first, Esmeralda and Sweeney avenues; California Steel Products Co., at \$4,210, for altering condenser tubes at Central Pumps; Fay Improvement Company, at \$3,438.55, for laying mains in Fifteenth avenue; A. Frederick Anderson, at \$2,493, for altering cottages at Calaveras and Sunol; Peter Sartorio, at \$2,158, for altering caretaker's cottage and garage at University Mound; and San Francisco Elevator Company, at \$1,647, for altering the sidewalk elevator at the Water Department building.

Shipments of deep well water systems during the first 10 months of 1938, amounted to \$1,723,814, as compared to shipments totaling \$2,131,612 registered during the same period in 1937, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
782	Fireman	Owner	1000
783	Hastings	Lindgren	50000
784	Heckert	Owner	2500
785	Bailey	Modern Co	2000
786	Hallgren	Owner	4000
787	Nelson	Owner	3500
788	Porta	Bourdieu	2000
789	Regal Amber	Mission	20000
790	Shalimar	West. Neon	1400
791	Baer	Coburn	1000
792	Carey	Callaghan	4125
793	Peterson	Jensen	3000
794	Berwick	Owner	3800
795	Boost	Demarais	3530
796-8	Costello	Owner	3550
799	Di Vita	Owner	3000
800	Evers	Owner	4000
801	Schwartz	Owner	3000
802	Youngman	Plov	3500

ALTERATIONS
 3782) 856-60 McALLISTER Street.
 Alter hotel.
 Owner and Contractor—Benj. Fireman, 657 Hayes Street.
 Architect—Not Given. \$1,000

ALTERATIONS
 3783) NE POST and Kearny Sts.
 Alter stores and offices.
 Owner—Hastings, premises.
 Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.
 Architect—D. D. Stone, 381 Bush St. \$50,000

DWELLING
 3784) S ARLETA AVE. 300 West Delta St. One-story and basement frame dwelling.
 Owner and Builder—Stephen Heckert, 395 Teddy Ave.
 Architect—Not Given. \$2,500

ALTERATIONS
 3785) 430 MUNICH. Alter dwelling.
 Owner—Mrs. Louisa Bailey, prem.
 Contractor—Modernization Co. of Calif., 3601 Geary Blvd.
 Architect—Not given. \$2000

DWELLING
 3786) E. 18th AVE. 119 S. Quintara. One-story and basement frame dwelling.
 Owner—A. Hallgren, 1594 29th Ave.
 Architect—C. O. Clausen, 746 46th Ave. \$4000

DWELLING
 3787) E. VILLA TERR. 114 N. Graystone. Two-story and basement frame dwelling.
 Owner—F. Nelson and Sons, 2901 19th Ave.
 Architect—Not given. \$5500

ALTERATIONS
 3788) 116-A CONNECTICUT. Alter dwelling.
 Owner—L. Porta, 114 Connecticut.
 Contractor—J. B. Bourdieu, 2625 20th Street.
 Architect—Not given. \$2000

FOUNDATION
 3789) E. TREAT AVE. 141 20th St. Foundation for first unit.
 Owner—Regal Amber Brewing Co., 675 Treat Ave.
 Contractor—Mission Concrete Constructors, 272 Turk St.
 Engineer—Robert A. Hanson, 608 Indiana St.
 Architect—Not given. \$20,000

SIGN
 (3790) 288 EDDY STREET. Electric sign.
 Owner—Shalimar Bowl, prem.
 Contractor—Western Neon Lite Co., 75 Fremont St.
 Architect—Not given. \$1400

ALTERATIONS
 (3791) 550 LEAVENWORTH Street. Alter apts.
 Owner—Chas. Baer, 2048 Market St.
 Contractor—I. W. Coburn, 2048 Market Street.
 Architect—Not Given. \$1,000

ALTERATIONS
 (3792) 1278 24th AVENUE. Alter dwelling.
 Owner—W. B. Carey, 1253 27th Ave.
 Contractor—Jack Callaghan, 900 Clayton Street.
 Architect—Not Given. \$4,125

DWELLING
 (3793) N 27th St. 160 W Diamond. One - story and basement frame dwelling.
 Owner—Gust A. Peterson, 1531 25th Street.
 Contractor—E. Jensen, 41 Bache St.
 Architect—Not Given. \$3,000

DWELLINGS
 (3794) W HOWTH 25, 50, 75, 100, 125 N Geneva. Five one-story and basement frame dwellings.
 Owner and Builder—A. Berwick, 1525 Noe Street.
 Architect—Not Given. \$3800 each

ALTERATIONS
 (3795) 4277 25th St. Alter dwelling.
 Owner—Chas. R. Boost, 4277 25th St.
 Contractor—W. F. and W. B. Demarais, 732 Page St.
 Architect—Not Given. \$3,530

DWELLING
 (3796) N ORTEGA 79 E 25th Ave. One - story and basement frame dwelling.
 Owner and Builder—Michael Costello 821 34th Avenue.
 Architect—Not Given. \$3,500

DWELLING
 (3797) E 25th AVE. 75 N Ortega. One - story and basement frame dwelling.
 Owner and Builder—Michael Costello 821 34th Avenue.
 Architect—Not Given. \$3,500

DWELLING
 (3798) E 25th AVE. 25 N Ortega. One - story and basement frame dwelling.
 Owner and Builder—Michael Costello 821 34th Avenue.
 Architect—Not Given. \$3,500

DWELLING AND STORE
 (3799) NW BRAZIL and Vienna. Two-story and basement frame dwelling and store.
 Owner and Builder—Rugoletta Di Vita, 700 Brazil.
 Architect—Not Given. \$3,000

DWELLINGS
 (3800) W 37th AVE. 200, 225 North Taraval St. Two one-story and basement frame dwellings.
 Owner and Builder—Kenneth Evers, 55 San Rafael Way.
 Architect—C. O. Clausen, 746 46th Avenue. \$4,000 each

DWELLING
 (3801) W 46th AVE. 150 N Rivera. Two - story and basement frame dwelling.

Owner and Builder—S. A. Schwartz, 305 Grant Avenue.
 Architect—Not Given. \$3,000

DWELLINGS
 (3802) S 28th St. 152, 178, 203 East Douglas. Three 1-story and basement frame dwellings.
 Owner—George Youngman, Jr., 3366 22nd Street.
 Contractor—Gilbert L. Plov, 395 Monterey Boulevard.
 Architect—Not Given. \$3,500 each

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2898	Enley	Mueller	1500
2899-900	MacGregor	Owner	2200
2901	Eureka	Constable	2000
2902	Indp. Iron	Owner	4000
2903	Logan	Jensen	3250
2904	Pfrang	Owner	4000
2905	Sconton	Flagg	3000
2906-7	Tzugaris	Greenlaw	6500
2908	Wood	Legris	3500
2909	Haberhohn	Maki	3800
2910	Kelman	Kelman	5500
2911	Darling	Owner	5500
2912	Foralind	Owner	3000
2913	Hubbard	Owner	5000
2914	Fosca	Benassini	1000
2915	Senger	Rose	6500
2916	Wiedman	Haulman	4500
2917	Cockrane	Christensen	1000
2918	Coifee	Smith	4000
2919	Ely	Womack	3500
2920	Eureka	Petersen	4000
2921	Johnson	Johnson	8850
2922	Killam	Dooley	4500
2923	Lewis	Alexander	3000
2924	Pressler	Owner	4500

DWELLING
 (2898) 959 NEILSON, ALBANY. One-story, 3-room frame dwelling.
 Owner—Mrs. Enley, 959 Neilson.
 Contractor—J. R. Mueller, 698 Creston Road.
 Architect—Not given. \$1500

DWELLING
 (2899) 1064 EVELYN, ALBANY. One-story, 4-room frame dwelling.
 Owner and Builder—C. M. MacGregor, 1391 Solano.
 Architect—Not given. \$2200

DWELLING
 (2900) 1068 EVELYN AVENUE, ALBANY. One-story, four-room frame dwelling.
 Owner and Builder—C. M. MacGregor, 1391 Solano.
 Architect—Not given. \$2200

ADDITION
 (2901) 3800 WATTLING STREET, OAKLAND. Addition.
 Owner—Eureka Mill & Lumber Co., 3615 East 14th St.
 Contractor—W. C. Constable, 9431 A St., Hayward.
 Architect—Not given. \$2000

ADDITION
 (2902) 821 PINE ST. OAKLAND. One-story steel addition to shop.
 Owner & Builder—Independent Iron Works, 821 Pine St.
 Architect—Not given. \$4000

DWELLING
 (2903) 1212 MOUNTAIN BLVD., OAKLAND. One-story, 4-room dwelling.
 Owner—Georgia Logan, Oakland.
 Contractor—H. K. Jensen, 2757 Rawson St.
 Architect—Not given. \$3250

DWELLING
(2904) 5453 HARBORD DR. OAK-
LAND. One-story, 5-rm. dwell-
ing.

Owner and Builder—H. C. Pfrang,
5659 Ocean View Drive.
Architect—Not given. \$4000

DWELLING
(2905) 2593 62nd AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—Thos. E. Scanlon.
Contractor—A. J. Flagg, 3743 Loma
Vista Ave.
One-story garage, \$150.
Architect—Not given. \$3000

DWELLING
(2906) 2123, 25, 27 BAXTER ST.,
OAKLAND. One-story, 9-room,
3-family dwelling.
Owner—Geo. Tzugaris, 1945 9th Ave.
Contractor—C. M. Greenlaw, 2682
Parker Ave.
One-story garage, \$250.
Architect—Not given. \$6500

DWELLING
(2907) 2117, 19, 21 BAXTER ST.,
OAKLAND. One-story, 9-room,
3-family dwelling.
Owner—Geo. Tzugaris, 1945 9th Ave.
Contractor—C. Merrill Greenlaw, 2682
Parker Ave.
Garage, \$250.
Architect—Not given. \$6500

DWELLING
(2908) 10723 SHELDON ST., OAK-
LAND. One-story, 5-room dwell-
ing.
Owners—Mr. and Mrs. Wood, 2928
Outlook.
Contractor—L. S. Legris, 3307 Bona
Street.
One-story frame garage, \$150.
Architect—Not given. \$3500

DWELLING
(2909) 1447 WATKINS, BERKELEY.
One-story, 5-room frame dwell-
ing and garage.
Owner—D. Haberkorn, 1526 Merced
St., Richmond.
Contractor—Wm. Maki, 1579 Jack-
son.
Architect—Not given. \$3800

DWELLING
(2910) 2001 LOS ANGELES, BER-
KELEY. One-story, 6-rm frame
dwelling and garage.
Owner—P. H. Kelman, 3099 Tele-
graph.
Contractor—Kelman & Will, 1655
Euclid.
Architect—Not given. \$5500

DWELLING
(2911) 5200 PROCTOR AVE., OAK-
LAND. Two-story, 6-rm dwell-
ing.
Owner—Edwin Darling, 1750 102nd
Avenue.
Architect—Not Given. \$5,500

DWELLING
(2912) 6284 CROWN AVE., OAK-
LAND. One-story, 4-rm. dwell-
ing.
Owner—M. Forslund, 3 Alta Vista
Terrace.
Garage, \$200.
Architect—Not given. \$3000

DWELLING
(2913) 182 FLORENCE ST., OAK-
LAND. One-story, 6-rm. dwell-
ing.
Owner and Builder—J. F. Hubbard,
5412 Proctor Ave.
Architect—Not given. \$5000

ADDITION AND ALTER
(2914) 559 39th STREET, OAKLAND.
Addition and Alter.

Owner—J. Posca, 559 39th St.
Contractor—Joe Benassini, 620 51st
Street.
Architect—Not given. \$1000

DWELLING
(2915) SE COR. STOCKRIDGE &
Chelsea Drives, Oakland. Two-
story, five-room dwelling.
Owner—M. M. Senger, 6340 Contra
Costa Road.
Contractor—Mervin P. Rose, 6329
Shattuck Ave.
Architect—E. L. Snyder, Berkeley.
\$6500

DWELLING
(2916) 4667 REINHARDT DRIVE,
OAKLAND. Two-story, 5-room
dwelling.
Owner—C. Wiedmann, 3923 San Juan.
Contractor—P. Royal Haulman, 1243
Broadway, Alameda.
Garage, \$385.
Architect—Not given. \$4500

ALTERATIONS
(2917) 2005 PERALTA ST., OAK-
LAND. Alterations.
Owner—Chas. P. Cockrane Co., 1355
Market St., San Francisco.
Contractor—H. J. Christensen Co.,
1955 Webster Street.
Architect—Alben Froberg, 1955 Web-
ster Street. \$1,900

DWELLING
(2918) 9501 GOLF LINKS ROAD,
OAKLAND. One-story five-room
dwelling.
Owner—Melvin O. Coffee, 2764 77th
Avenue.
Contractor—Geo. O. Smith, 9612 Golf
Links Road.
Architect—Not Given. \$4,000

DWELLING
(2919) 1901 107th AVE., OAKLAND.
One-story 5-room dwelling.
Owner—Marcus Ely, Oakland.
Contractor—Womack and Son, 9427
Foothill Blvd.
Architect—Not Given. \$3,500

ADDITION
(2920) 3737 SAN LEANDRO Street,
Oakland. Two-story addition to
cabinet shop.
Owner—Eureka Mill & Lumber Co.,
3615 East 14th Street.
Contractor—J. E. Petersen & Son,
4021 Agua Vista Street.
Architect—Not Given. \$4,000
Also 1-story lumber shed, \$4,000

DWELLING
(2921) 4224-26 OAKMORE ROAD,
Oakland. Two-story 10-room 2-
family dwelling.
Owner—Joel Johnson.
Contractor—O. W. Johnson, 3721
Young Avenue.
Architect—Not Given. \$8,850

DWELLING
(2922) 3301 LOMA VISTA Avenue,
OAKLAND. One-story six-room
2-family dwelling.
Owner—William Killam.
Contractor—Fred T. Dooley, 4100 35th
Avenue.
Architect—Not Given. \$4,500
Also 1-story garage, \$200.

SERVICE STATION
(2923) 1600 JEFFERSON ST., OAK-
LAND. One-story steel service
station.
Owner—Helen Lewis, 71 Sutter St.,
San Francisco.
Contractor—Fred D. Alexander, 1727
Franklin Street.
Architect—Not Given. \$3,000

DWELLING
(2924) 3055 HYDE ST., OAKLAND.
One-story 5-room dwelling.
Owner and Builder—Walter Press-

ler, 1419 Excelsior Avenue.
Architect—Not Given. \$4,500
Also 1-story garage, \$300.

BUILDING CONTRACTS ALAMEDA COUNTY

267 So. Pac. Co. Indp. Con.

PAVING
(267) FIFTH AND KIRKHAM STS.,
OAKLAND, Cal.—Paving freight
house and platforms.
Owner—S. P. Co.
Contractor—Independent Constr Co.,
46th Ave. and Clement St., Oak-
land.
Filed Dec. 28, '38. Dated Dec. 27, '38.
Lab. & mat. each mo. 75%
Usual 35 days 25%
TOTAL, not given.
Bond, \$2600.00. Sureties, U. S.
Guaranty Co. Plans and specifica-
tions filed.

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

FLUE, \$20; 2415 Larkin St.; owner,
E. B. Jackson, prem.; contrac-
tor, Carver-Niles Co., 1001 Cle-
ment St.
FLUE, \$15; 483 Frederick St.; own-
er, John S. Gong, premises; con-
tractor, Carver-Niles Co., 1001
Clement St.
SIGN, electric, \$35; 393 Eddy Street;
owner, Pete's Lunch, premises;
contractor, American Elec. Const.
Co., 1740 Eddy St.
SIGN, electric, \$100; 55 Natoma St.;
owner, Merchants Garage, prem-
ises; contractor, Novelty Elec.
Sign Co., 159 South Park.
SIGN, electric, \$300; 546 Broadway;
owner, Amerigo's, premises; con-
tractor, QRS Neon Corp., Ltd.,
690 Potrero Ave.
RETAINING wall, \$200; 580 San-
chez St.; owner, J. C. Scharrf,
69 6th Ave.; contractor, Stand-
ard Concrete Const. Co., 3025
Geary Blvd.
SIGN, electric, \$200; 250 Market St.;
owner, Bay Bridge Novelty Store
prem.; contractor, Pacific Neon
Mfg. Co., 2600 18th St.
ALTER funeral parlor, \$780; 645 Va-
lencia St.; owner, Jos. Moore,
premises; plans by Paul A. Ry-
an, Phelan Bldg.
FLUE, \$50; 1337 Columbus Avenue;
owner, Chris Berg, 682 42nd Ave.
contractor, J. J. Delucchi, 1526
Powell St.
FLUE, \$15; 40 Brunswick St.; own-
er, Harry Holl, prem.; contrac-
tor, Carver-Niles Co., 1001 Cle-
ment St.
SIGN, electric, \$80; 541 Faxon Ave.;
owner, P. Manaiso, prem.; con-
tractor, American Elec. Const.
Co., 1740 Eddy St.
SIGN, electric, \$100; 117 New Mont-
gomery St.; owner, Blossom Lch.,
premises; contractor, Novelty El.
Sign Co., 159 South Park.
SIGN, electric, \$150; 4564 Mission;
owner, Vincent Tararo, prem.;
contractor, QRS Neon Corp. Ltd.
690 Potrero Ave.
SIGN, electric, \$100; 573 O'Farrell
St.; owner, Patsy Gorman, 573
O'Farrell; contractor, QRS Neon
Corp., Ltd., 690 Potrero Ave.
ALTER drug store, \$120; 993 Va-
lencia St.; owner, A. Pohelm,
1699 Vallejo St.
FLUE, \$200; NE 21st and Valencia;
owner, McCullough, prem.; con-
tractor, Dave Breenhalt, 3456
Mission St.
FLUE, \$20; 2372 Broadway; owner,
L. Williams, premises; contrac-
tor, Carver-Niles Co., 1001 Cle-
ment St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 14.—Residences |
| 6.—Garages and Service Stations | 15.—Schools |
| 7.—Federal Buildings | 16.—Banks, Stores and Offices |
| 8.—Club Buildings | 17.—Theatres |
| 9.—Hotels | 18.—Wharves & Docks |
| | 19.—Misc. Const. |
| | 20.—Misc. Supplies & Etc. |

3—CHURCHES

Plans Being Figured—Bids Close Jan. 5, 8:00 P. M.

CHURCH Cost, \$10,000
FRESNO, Fresno Co., Calif., Waterman & Tulare Sts., Chinese Baptist Mission.

Church Building.
 Owner—Northern Baptist Convention, 83 McAllister St., San Francisco.

Plans by Owner.
 Following are figuring plans:
 T. C. & W. H. Irwin, 908 Mildreda, Fresno.

Harris Construction Co., 577 McKinley Ave., Fresno.
 R. Pedersen & Son, 446 Clark St., Fresno.

Walker & Walker, 437 Cornell Ave., Fresno.

Ericson & House, Route 2, Box 400-X, Fresno.

4—FACTORIES & WAREHOUSES

Plans Being Figured—Bids Close January 5.

ADDITION Cost, \$.....
SAN FRANCISCO—York and Alameda Street.

Addition to plant.
 Owner—Continental Baking Co.
 Architect—Bliss & Fairweather, Hobart Bldg.

Dinwiddie Const. Co., 210 Crocker Bldg., is figuring plans and desires sub-bids not later than Jan. 4, 5 P. M., on all portions of the work.

Under Construction
FOUNDATIONS Cost, \$200,000
SAN FRANCISCO, E Treat Ave. 141 N 20th St.

Construction foundations of 4-story addition of bottling plant and 15,000-barrel storage tanks.

Owner—Regal Amber Brewing Co., 675 Treat Ave.
 Engineer—Robt. A. Hanson, 608 Indiana Street.

Contractor—Mission Concrete Constructors, 272 Turk Street.

7—FEDERAL BUILDINGS

BIDS OPENED
HAMILTON, Montana—McCough Bros., St. Paul, Minn., at (item 1) \$252,600 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of new buildings and remodeling of present buildings (except elevators) of the U. S. Public Health Service Laboratory at Hamilton, Montana.

Other bids on item one follow:

Griffin Construction Co., Inc., N. Y. C.,	\$268,678
James Leck Co., Minne-apolis, Minn.,	299,600
MacDonald Construction Co., St. Louis, Mo.,	304,711

BIDS WANTED

PEARL HARBOR, T. H.—Until January 18, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for four 600-pound oil-fired boilers, settings, air preheaters, draft fans, oil burners, structural supports, boiler appurtenances, and combustion control at the Navy Yard, Pearl Harbor, T. H. Spec. No. 9074.

Specifications may be obtained from the above office or from the Commandant, Navy Yard, Pearl Harbor, T. H., or from the Commandant, Twelfth Naval District, Federal Office Building, Civic Center, San Francisco, Calif., upon deposit of check or postal money order for \$5 payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

WHIPPLE, Arizona—Until Jan. 31, 1:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Building, Washington, D. C., for constructing and finishing complete a Freight Elevator in Building No. 20 at the Veterans Administration Facility, Whipple, Arizona.

Drawings and specifications may be obtained from the above office or from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, California. No deposit required. 7

BIDS OPENED

YERBA BUENA SHOALS—Neel D. Parker, 1431 Van Ness Avenue, San Francisco, at \$1,781.49 submitted low bid to the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush St., San Francisco, for rugs and carpets for the Federal Bldg., Yerba Buena Shoals.

Complete bids follow:

Neel D. Parker	\$1,781.49
D. & N. E. Walters	1,939.60
W. & J. Sloane	2,051.11

LOW BIDDERS

FORT LEWIS, Wash.—Ross B. Hammond, Spalding Building, Portland, Oregon, at \$769,000, submitted low bid to Captain E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of four-story and basement, solid brick AC Barracks (1285 men) at McChord Field, Washington.

Madsen Construction Company, Minneapolis, at \$819,700 submitted second low bid and George A. Fuller Company, Los Angeles, Calif., at \$830,000 submitted third low bid.

LATE BIDDER

MARE ISLAND, Solano Co., Calif.—Minneapolis Moline Power Implement Co., Chapman Bldg., Los Angeles, Calif., at (item 1) \$663,800, (item 2) \$607,800, (item 3) \$772,500 submitted late bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steel work for machine shop at the Navy Yard, Mare Island, Spec. 9044.

As previously reported American Bridge Co., Frick Bldg., Pittsburgh,

Penn., at (item 1) \$508,366 (item 2) \$462,096 (item 3) \$555,020, submitted low bid.

LOW BIDDERS

FORT LEWIS, Wash.—Walter S. Leland Co., 55 New Montgomery St., San Francisco, at \$539,600 submitted low bid to Capt. E. P. Antonovich Constructing Quartermaster, Fort Lewis, for construction of the central heating plant at McChord Field.

Work involves construction of bldg. approx. (134x70-ft.), concrete foundations being done by day labor but contractor required to waterproof them; also furnishing and installing a steam heating plant, coal fed, with four boilers.

Second and third low bids submitted by George A. Fuller Company, Los Angeles, Calif., and University Plumbing and Heating Co., Seattle, Wash.

LATE BIDDER

MARE ISLAND, Solano Co., Calif.—Eely Tibbitts Construction Co., 1100 Evans St., San Francisco, at \$251,229 submitted late supplemental bid to the Bureau of Yards and Docks, Navy Dept., Wash., D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. 9043.

As previously reported, Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$228,604 submitted late low supplemental bid.

LATE BIDDER

ALAMEDA AIR STATION, Calif.—Independent Iron Works, Ltd., 821 Pine St., Oakland, at (item 1) \$247,000 and (item 2) \$8,500 submitted late bid to the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for structural steel frame work for assembly and repair shop at the Naval Air Station, Alameda; Spec. 9032.

As previously reported, contract was awarded the low bidder, Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$219,855 (Items 1 and 2).

LOW BIDDERS

PUGET SOUND, Wash.—C. C. Moore & Co., 450 Mission Street, San Francisco, at (item 1) \$175,640, and (item 2) \$172,763 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 125,000-lb.-per-hour, 400-lb. gauge pressure boiler with water cooled walls, oil burning equipment, superheater, air preheater, water heaters, pumps, fans, air and flue-gas ducts, soot blowers, continuous blow-down feed water treatment, combustion control system and complete wiring and piping systems at the Navy Yard, Puget Sound, Wash.; Spec. No. 8821.

Second low bid submitted by A. Wilson & Co., New York City, at (item 1) \$187,943; and (item 2) \$185,343.

BIDS OPENED

HAMILTON, Mont.—S. Heller Elevator Co., Milwaukee, Wis., at (item 1) \$12,235 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for elevator and dumbwaiter complete for Buildings 1, 2 and 6, of the U. S. Public Health Service Laboratory at Hamilton, Mont.

O'her bids on item 1 were:
 Warsaw Elev. Co., Warsaw,
 New York Co.,

\$13,121

Otis Elev. Co., Washington..... 13,952
 R. & O. Elev. Co., Minneapolis 14,025
 American Mfg. Co., Inc., Tacoma, Wash. 15,650
 7

CONTRACT AWARDED

YERBA BUENA SHOALS.—E. M. Hundley Hardware Co., 662 Mission St., San Francisco, at \$1,115 awarded contract by the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush St., San Francisco, for finish hardware in the Federal Bldg., Yerba Buena Shoals.

CONTRACT AWARDED

YERBA BUENA SHOALS, Calif.—Rucker-Fuller Co., 539 Market St., San Francisco, at \$2,565 awarded contract by the U. S. Golden Gate International Exposition Commission Geo. Creel, Commissioner, 200 Bush St., San Francisco, under Item 3-A for rental of theatre seats with upholstered backs and seats for the theatre in the Federal Bldg., Yerba Buena Shoals.

BIDS WANTED

YERBA BUENA SHOALS, Calif.—Until January 3, 3 P. M., bids will be received by the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush Street, San Francisco, for Venetian blinds for the Federal Bldg., Yerba Buena Shoals.

Specifications obtainable from the above office. No deposit required.

COMPLETE BIDS

SAN DIEGO, Cal.—Hunt & Curry, Broadway Bldg., San Diego, at \$1,700 submitted low bid to Public Works Officer, 11th Naval District, San Diego, under Spec. 8834, for 100-foot flagstaff at Naval Operating Base (Air Station), San Diego.

Complete bids were:
 Hunt & Curry.....\$1,760.00
 F. E. Young.....1,783.00
 Walter H. Barber.....2,368.00
 R. E. Hazard & Sons.....3,116.50
 All of San Diego.

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Louis C. Dunn, Inc., 681 Market St., San Francisco, awarded following sub-contracts for construction of Coast Guard buildings on Yerba Buena Shoals:

Roofing.—Alta Roofing Co., 976 Indiana Street.

Plumbing.—Scott Co., Inc., 243 Minna. Electric Wiring—Crown Electric Co., 153 Eddy St.

Sheet Metal.—Morrison & Co., 74 Du-boce Ave.
Glass.—Habenicht and Howlett, 529 Clay Street.

Iron Grille Work.—Patterson & Koster Iron Works, Inc., 280 13th St.
Lumber.—Daugherty Lbr. Co., 189 Napoleon St.

Hardware.—E. M. Hundley Hardware Co., 662 Mission St.
Painting.—D. Zelinsky & Sons, 165 Grove Street.

Concrete.—Golden Gate Atlas Materials Co., 16th and Harrison Sts. All of San Francisco.

BIDS WANTED

WASHINGTON, D. C.—Until Jan. 25, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for four 50-ton traveling b cranes, one gasoline-electric and the others diesel-electric operated, at the Navy Yards, Boston, Philadelphia, Mare Island and Puget Sound. Spec. No. 9003. Estimated cost, \$500,000.

As previously reported, plans and specifications may be obtained from the above office or from the Com-

mandant, Navy Yard, Boston, Philadelphia, Mare Island, or Puget Sound, upon deposit of \$10, payable to the Chief of the Bureau of Yards & Docks.

SUB-CONTRACT AWARDED

SAN FRANCISCO.—Meyer Constr. Co., 735 Portola Drive, awarded the following sub-contract for construction and completion of ten double company officers' quarters, at the Presidio of San Francisco:
Finish Hardware.—Marshall-Newell Supply Co., Spear and Mission Sts., San Francisco.

LOW BIDDERS

SAN DIEGO, Calif.—Hunt and Curry, Broadway Building, San Diego, at \$1,760, submitted low bid to the Public Works Officer, 11th Naval District, San Diego, under Spec. 8834, for 100-foot flagstaff at Naval Operating Base (Air Station), San Diego.

Work consists of the furnishing of necessary materials and labor for the construction of one 100-ft. flagstaff. The work will include concrete foundation and steel pipe equipped with a revolving ball bearing double halliard truck, copper spun ball, cleats and galvanized iron ornamental base.
 Second low bid submitted by F. E. Young, San Diego, at \$1,783.

BIDS REJECTED

KETCHIKAN, Alaska.—All bids were rejected by the Procurement Division, Public Buildings Branch, Washington, D. C., for grilles for detention windows and skylights at the U. S. P. O., Court House, Custom House and Jail at Ketchikan, Alaska.

COMPLETE BIDS

MARE ISLAND, Solano Co., Calif.—American Bridge Co., Frick Bldg., Pittsburgh, Penn., at (item 1) \$508,366 (item 2) \$462,096 (item 3) \$555,020, submitted low bids to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steelwork for machine shop (250x900-ft.) at the Navy Yard, Mare Island. Spec. No. 9044.

Other bids were:
 Bethlehem Steel Corp., San Francisco, at (1) \$523,700 (2) \$473,700 (3) \$572,700.

Moore Dry Dock Co., Oakland, at (1) \$574,350 (2) \$523,880 (3) \$624,875, submitted second and third low bids.
 Herrick Iron Works, Oakland, (1) \$591,900 (2) \$537,300 (3) \$646,600.

Judson Pacific Co., San Francisco, (1) \$607,715 (2) \$552,196 (3) \$663,115.
 The Steel Constr. Co., Birmingham, Ala., (1) \$627,175, (2) \$573,775 (3) \$655,375.

Lakeside Bridge & Steel Co., Milwaukee, (1) \$523,691 (2) \$745,838 (3) \$900,000.

COMPLETE BIDS

PUGET SOUND, Wash.—Winslow Marine Railway & Shipbuilding Co., Burke Bldg., Seattle, at \$389,650 submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for calsonite gate of structural steel, including concrete ballast timber fenders, pumps, gate valves, fittings, motors and electrical work at Navy Yard, Puget Sound; Spec. 8969.

Consolidated Steel Corp., Los Angeles, \$389,750.
 Todd Seattle Dry Dock, Inc., Seattle, Wash., \$458,577.

BIDS OPENED

SAN FRANCISCO.—Valley Renovators—Painters, Lockland, Ohio, at \$4,866, submitted low bid to the Procurement Division, Public Bldgs.,

Branch, Washington, D. C., for furnishing the materials and performing the work for subdrainage system at the U. S. Marine Hospital, San Francisco.

Total bids follow:
 Valley Renovators & Painters, Lockland, Ohio.....\$4,866
 Scott Co., San Francisco.....5,476
 E. J. Treacy, San Francisco.....6,177
 West Const. Co., San Francisco, 6,335
 Clinton Const. Co., San Francisco.....7,050
 Nick Hemmings, San Francisco, 8,279
 C. L. Burr, San Francisco.....9,573
 Henry L. Grohne, Decatur, Illinois.....9,840

CONTRACT AWARDED

ALAMEDA AIR STATION, Calif.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$219,855 (items 1 and 2) awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for structural steel frame work for assembly and repair shop at the Naval Air Station, Alameda; Spec. No. 9032.

Complete bids were:
 Bethlehem Steel Co., Bethlehem, Pa., (1) \$212,300; (2) \$7,555.
 Judson Pacific Co., San Francisco, (1) \$231,815 (2) \$5,500.

Moore Dry Dock Co., Oakland, (1) \$236,800; (2) \$8,310.
 American Bridge Co., Baltimore, Md., (1) \$238,040; (2) \$8,195.

Steel Construction Co., Birmingham, Ala., (1) \$263,350; (2) \$9,450.
 Herrick Iron Works, Oakland, (1) \$275,800; (2) \$8,578.

Lakeside Bridge & Steel Co., Milwaukee, (1) \$329,744; (2) \$10,841.

SUB-BIDS WANTED

HICKAM FIELD, T. H.—J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for construction of the A. C. Barracks at Hickam Field, T. H., for which bids will be opened Jan. 6, 2 P. M., by the Constructing Quartermaster, Fort Mason, San Francisco. 7

CONTRACT AWARDED

ALAMEDA AIR STATION, Cal.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$219,855 (items 1 and 2) awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for structural steel frame work for assembly and repair shop at the Naval Air Station, Alameda; Spec. No. 9032.

LATE LOW BIDDER

MARE ISLAND, Solano Co., Calif.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at \$229,604, submitted late low supplemental bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. No. 9043.

DeLuca & Son, Inc., San Francisco, at \$228,900 and Clinton Construction Company, San Francisco, at \$230,300 submitted second and third low supplemental bids.

Original bids, which have not been rejected, included earthquake struts, which are omitted in present addendum. Supplemental bids were asked of the ten original bidders, of which Ben C. Gerwick, Inc., 112 Market St., San Francisco, submitted original low bid at \$266,017.

Previously reported low bid of MacDonald & Kahn Co., Ltd., San Francisco, at \$226,612, covered an alternate type of piles not included in specifications and was not considered.

9— HOSPITALS

SUB-CONTRACTS AWARDED
SAN FRANCISCO—R. A. McLean & Co., 602 California Street, awarded the following sub-contracts for the construction of the kitchen and dining room building at Hassler Health Home, San Mateo County.
 Grading—Rosenberg Bros., 12 Oak St., San Francisco.
 Concrete—Peter Sorenson, 919 Arguello, Redwood City.
 Reinforcing Steel—L. F. Neass, 228 Staples and Gilmore Fabricators, Inc., 821 Folsom St., San Francisco.
 Patent Hardware—MacDonald Mfg. Hardware Co., 963 Harrison, San Francisco.
 Sheet Metal—Thornberg Metal Products, 3117 20th St., San Francisco.
 Tile Work—Donlon Tile Co., 24 12th St., San Francisco.
 Glass & Glazing—W. P. Fuller and Co., 301 Mission St., San Francisco.
 Painting—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.
 Steel Lockers—Berger Mfg. Division Republic Steel Corp., 604 Mission, San Francisco.
 Refrig. Boxes—Van Fleet-Freear Co., 557 Howard St., San Francisco.
 Refrigeration—General Electric Co., 1201 Bryant St., San Francisco.
 Millwork—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
 Finish Hardware—Marshall-Newell Supply Co., Spear & Mission St., San Francisco.
 Elevator—Otis Elevator Co., No. 1 Beach, San Francisco.
 Plastering—Ruane & Jensen, 359 Douglas, San Francisco.
 Dampproofing & Roofing—R. L. Reaves & Co., 1432 El Camino Real, San Francisco.
 Kitchen Equipment—Mangrum, Holbrook & Elkus, 301 Golden Gate, San Francisco.

Preparing Working Drawings
HOSPITAL, Cost, \$136,267
SONOMA COUNTY, Calif, about 2½ miles northeast of Santa Rosa.
 One-story frame and stucco tuberculosis addition to hospital.
 Owner—County of Sonoma.
 Architect—John Easterly, Healdsburg and Santa Rosa.
 PWA grant allotted in the amount of \$61,320 to aid in financing.

CONTRACT AWARDED
SAN FRANCISCO—Miller Constr. Co., 3917 Mission St., at \$4,365 awarded contract by the Department of Public Works, City Hall, for remodeling certain tile partitions on 2nd floor of Service Bldg., grading for gate shelter at the SE wing; preliminary grading for garage site; and demolition of building at Psychopathic building site, at San Francisco Hospital.

CONTRACT AWARDED
SAN FRANCISCO—Star Delta Electric Works, 279 Fremont Street, at \$17,990 awarded contract by the Dept. of Public Works, City Hall, for furnishing and installing one steam turbine generator set at Laguna Honda Home.

CONTRACT AWARDED
SAN FRANCISCO—Otis Elevator Company, 1 Beach St., at \$9,214 awarded contract by the Dept. of Public Works, City Hall, for new elevator to be installed in the Psychopathic Bldg., at the San Francisco Hospital, Unit 2, Contract No. 11.

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

Sub-Contracts Awarded
DETENTION HOME
 Contract Price, \$82,450
EUREKA, Humboldt Co., Calif.
 Construction of new detention home and welfare building.
 Owner—County of Humboldt, (Fred M. Kay, Clerk).
 Architect—Frank T. Georgeson, 537 G Street, Eureka.
 Contractor—Fred J. Maurer & Son, 3031 E St., Sureka.
 Roofing—F. A. Matthews & Son, 520 F St., Eureka.
 Plumbing—Paul E. Cook, 109 5th St., Eureka.
 Electric Wiring—Ross Jones, Eureka.
 Heating—The Moore & Cook Co., Inc., 319 G St., Eureka.
 Sheet Metal—Paul E. Cook, 109 5th St., Eureka.
 Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
 Glass—W. P. Fuller Co., 525 5th St., Eureka.
 Window Shades—Tom Exline, 616 4th St., Eureka.
 Hardwood Floors—Nowlin Hardwood Floor Co., 1237 Evelyn Avenue, Berkeley.
 Iron Grille Work—Mortenson Construction Co., 19th & Indiana Sts., San Francisco.
 Precast Cement—Adolph O. Urban, 3544 Broadway, Eureka.
 Lumber—Associate Mills, Humboldt County.
 Mill Work—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
 Painting—Nelson Bros., 328 5th St., Eureka.
 Lathing & Plastering—Wm. Cunningham, 85 4th St., San Francisco.
 Cement—Pacific Portland Cement Co., 111 Sutter St., San Francisco.
 Reinf. Steel—Ceco Steel Products Co., 1280 Indiana St.
 Steel Rolling Doors—Forderer Corncise Co., 269 Potrero St., San Francisco.
 Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
 Linoleum—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.
 (992) 1st rep. Nov. 8; 5th, Dec. 6, 1938. 13

CONTRACT AWARDED
OFFICE BUILDING
 Cont. Price \$18,100
EUREKA, Humboldt Co., Cal.
 Highway Patrol Dept. of Motor Vehicles.
 Construction of wood frame office bldg. covered on exterior with Redwood siding and Redwood shingles; foundations are in place.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
 Contractor—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.

CONTRACT AWARDED
SAN FRANCISCO—Plombo Bros. & Co., 1571 Turk St., at \$2,650 awarded contract by the Dept. of Public Works, City Hall, for five items of work under Hassler Health Home Contract No. 4, as follows:
 (1) grade site for ward building;
 (2) grade concrete water tank site;
 (3) grade and clear site for Children's building and grade for doctor's residence;
 (4) grade site for duplex residence; and
 (5) preparing site for dormitory, cottages and service bldg.

Sub-Contracts Awarded
GRANDSTAND BLDG.
 Contract Price, \$109,498.00
FRESNO, Fresno Co., Calif. Fresno County, Fairgrounds.
 Construction of a reinforced concrete grandstand building.
 Owner—County of Fresno, (E. Dusenberry, County Clerk).
 Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.
 Contractor—Trowitt-Shields and Fisher, Pacific Southwest Bldg., Fresno.
 Concrete—J. A. Silver, 4635 Huntington Blvd., Fresno.
 Asphalt Paving & Earthfill—Stewart & Nuss, Inc., 410 Thorne Ave., Fresno.
 Plumbing—B. A. Newman Co., 320 North H, Fresno.
 Electric Wiring—Electric Constr. Co., 831 Fulton, Fresno.
 Structural & Reinforcing Steel and Ornamental Iron—Kyle & Co., 346 G St., Fresno.
 Roofing—C. L. Frost Roofing and Tiling Co., 165 Webster, Monterey.
 Painting—D. E. Weaver, Chess Terrace, Porterville.
 Glass & Glazing—W. P. Fuller and Co., Los Angeles and M, Fresno.
 Metal Partitions, Steel Sash, Fence, and Kalamein Doors—Healey & Popovich, 1911 Merced St., Fresno.

BIDS OPENED
YERBA BUENA SHOALS—Clinton Construction Co., 923 Folsom St., San Francisco, at \$60,950 submitted low bid to the Department of Public Works at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, for finish work in the Auditorium Building on Yerba Buena Shoals.
 Only other bid submitted by Barrett and Hill, San Francisco, at \$64,200.

BIDS OPENED
YERBA BUENA SHOALS—B. A. Howkins & Company, 1182 Market Street, San Francisco, at \$7,483 submitted low bid to the Department of Public Works, at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market Street, San Francisco, for general construction of Western States Map Pit on Yerba Buena Shoals.
 Complete bids were:
 B. A. Howkins Co., San Francisco \$ 7,483
 D. W. Nicholas, Oakland 8,748
 Barrett & Hill, San Francisco, 9,984
 Albert E. Mangs & Associates, San Francisco... 9,989
 Clinton Constr. Co., San Francisco 10,850
 Louis C. Dunn, Inc., San Francisco 11,440

CONTRACT AWARDED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend Street, at \$597 awarded contract by the Dept. of Public Works, City Hall, for sound control treatment of monitor, teletype and telephone rooms of Hall of Justice. 13

BIDS WANTED
MARIN COUNTY, Calif. — Until Jan. 9, 11 A. M., bids will be received by the Board of Supervisors of Marin County, George S. Jones, Clerk, for the exterior painting of the Buildings at the Marin County Farm and Hospital.

Specifications obtainable from the Clerk's office.

BIDS WANTED

BAKERSFIELD. Kern Co., Calif.—Until Jan. 3, 11 A. M., bids will be received by the Board of Supervisors of the County of Kern, F. E. Smith, Clerk, for electrical rewiring of first floor of Kern County Court House in Bakersfield.

Plans and specifications may be obtained at the office of Frank Wynkoop, Architect, 420 Haberfelde Bldg., Bakersfield, upon deposit of \$10, returnable.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 4, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, for construction of an exhibit for the Dept. of Education of San Francisco in the San Francisco Building at Golden Gate International Exposition on Yerba Buena Shoals.

Present room has unfinished walls, ceiling and floor. Contract calls for complete finishing.

Specifications obtainable from City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$10.

Plans prepared by Architect Clarence A. Tantau, 210 Post St., San Francisco.

Sub-Contracts Awarded

HALL OF JUSTICE

Contract Price, \$268,000
BERKELEY, Alameda Co., Cal. Rear of present City Hall.

Three-story, reinforced concrete police administration bldg. to contain accommodations for the police department, courtroom, cell blocks, laboratory, police training school quarters, probation officials' offices, interview rooms, radio broadcast station, etc.

Owner—City of Berkeley (City Manager, Hollis R. Thompson).

Architect—Jas. W. Plachek, 511 Mercantile Bank Bldg., Berkeley.
Contractor—Dinwiddie Const. Company, Inc., 210 Crocker Building, San Francisco.

Structural Steel—Fair Mfg. Co., 617 Bryant St., San Francisco.

Excavation—J. Catucci, 1212 18th Avenue, Oakland.

Reinforcing Steel—Gilmore Fabricators, Inc., 821 Folsom Street, San Francisco.

Steel and Metal Forms—Steel-Form Contr. Co., 666 Harrison St., San Francisco.

Lathing and Plastering—Peter Bradley, 639 Brannan St., San Francisco.

Painting—Raphael Co., 270 Tehama St., San Francisco.

Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.

Marble—Elsle & Dondero, Marble Co., 2955 Third St., San Francisco.

Tile—Superior Tile Co., 4939 Broadway, Oakland.

Plumbing and Heating—Scott Co., Inc., 243 Minna St., San Francisco.

Electric Work—Scott-Buttner Elec. Co., 2214 Webster St., Oakland.

Bids Wanted — To Close Dec. 26, 10:00 A. M.

PAINTING

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Painting—Palace of Fine Arts. Contract No. 118.5.

Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications may be obtained after 10:00 A. M., Dec. 26, at the above office, Room 222, upon deposit of \$20 returnable if plans and specifications are returned in good condition within 15 days after date of receiving proposals.

Low Bidders

COURTHOUSE Cost, \$.....
PENDLETON, Oregon.

Four-story fireproof courthouse (approx. 125x125-ft.) PWA Docket 1333-F.

Owner—Umatilla County Court, Carl W. Chambers, Judge.
Architect—A. E. Doyle & Associate, Pacific Bldg., Portland.

Low Bidder—George Isaacson, Worcester Bldg., Portland, \$275,900.

Second and third low bidders were Jos. H. Anderson, Portland, \$276,640
Ross B. Hammond, Portland, 280,000
13

Low Bidders

STATE OFFICE BLDG.
OLYMPIA, Washington.
Four-story and basement State Office building.

Owner—State of Washington, State Capitol Committee, A. C. Martin, Secretary, Public Lands - Social Security Bldg., Olympia.

Architect—Jos. Wohleb, Olympia.
Low Bidder—MacDonald Bldg. Co., 1517 S. Tacoma Way, Tacoma, \$664,289.

Second low general bid submitted by L. H. Hoffman, Portland, at \$675,692.00.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 4, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, for construction of an exhibit for the Dept. of Recreation of San Francisco in the San Francisco Building at Golden Gate International Exposition on Yerba Buena Shoals.

Present room has unfinished walls, ceiling and floor. Contract calls for complete finishing.

Specifications obtainable from City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$10.

Plans prepared by Architect Clarence A. Tantau, 210 Post St., San Francisco.

Sub-Contracts Awarded

HALL OF RECORDS

Contract Price, \$106,500
MODESTO, Stanislaus County, Calif. Present Courthouse site.

Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories, and one wing of 1-story; continuous windows standing between columns; water cooled roof; interior demountable partitions. The building is designed for future expansion and will house county department and hall for board of supervisors.

Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—Dinwiddie Const. Company, Inc., 210 Crocker Building, San Francisco.

Reinforcing Steel—Gunn, Carle & Co., 29 Potrero Ave., San Francisco.

Roofing—Valley Roof Service, 255 Los Flores Ave., Modesto.

Metal Windows—Truscon Steel Co., 604 Mission St., San Francisco.

Painting—Raphael Co., 270 Tehama St., San Francisco.

Ornamental Iron—Fair Mfg. Co., 217 Bryant St., San Francisco.

Terrazzo and Marble—Valley Ter-

razzo Co., 4115 Berkshire Ave., Sacramento.

Metal Forms—Ceco Steel Prod. Corp., 1280 Indiana St., San Francisco.

Contract Awarded

EXHIBIT BLDG.

Contract Price, \$11,946
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of New Zealand Bldg.; Contract No. 224.

Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—Barrett & Hill, 918 Harrison St., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—Symon Bros., 1435 Market St., at \$1,465 awarded

contract by the Dept. of Public Works, City Hall, under Contract No. 6, Laguna Honda Home for clearing site of garage and wrecking third floor of infirmary building.

Bids Wanted—To Close January 17, 2 P.M.

BLEACHERS & EXHIBIT BLDG.
DIXON, Solano Co., Calif., 36th District Agricultural Ass'n.

Construction of general work for wood frame bleachers approx. 216 ft. long and 21½ ft. wide and wood frame exhibit building approx. 100 ft. long and 40 ft. wide. Concrete foundations have been installed under separate contract.

Owner—State of California.

Architect—State Division of Architecture, W. K. Daniels, Acting State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Alternate bids will be required for the omission of certain portions of the work as described in plans and specifications.

Plans and specifications obtainable from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25, returnable. Bids must be accompanied by cashier's or certified check payable to the Director of Public Works in the amount of 10% of the bids.

BIDS OPENED

SACRAMENTO, Cal.—Lindgren & Swinerton, Inc., 619 H St., Sacramento, at \$7,190 submitted low bid and was awarded contract by the City of Sacramento for alterations to council chambers, City Hall, Sacramento.

Other bids were:

H. W. Robertson, \$8335.00

W. C. Keating, \$8965.00.

Chas. F. Unger, \$9175.00.

CONTRACT AWARDED

YERBA BUENA SHOALS—B. A. Hawkins & Company, 1182 Market St., San Francisco, at \$7,483 awarded contract by the Dept. of Public Works, at the office of the California Commission for the Golden Gate International Exposition, 660 Market St., San Francisco, for general construction of Western States Map Pit on Yerba Buena Shoals.

BIDS OPENED

PHYSICIANS COTTAGES
ELBRIDGE, Sonoma Co., Calif., Sonoma State Home.

Erection and completion of three assistant physicians cottages; one-story wood frame buildings with wood shingle roof covering, together with three garages and roadwork.

Owner—State of California.
 Architect—Geo. B. McDougall, State
 Architect, Public Works Bldg.,
 12th and N Sts., Sacramento.
 Low Bidder—A. Frederick Anderson,
 1093 Longridge Road, Oakland,
 \$18,342.

Complete bids follow:
General Work
 A. Frederick Anderson,
 Oakland \$18,342
 S. C. Giles, Stockton 18,628
 Carl N. Swenson, San Jose 20,000
 David Nordstrom, Oakland 20,787
 B. A. Hawkins & Co.,
 San Francisco 22,187

Electric Work
 Norman A. Russell, Santa
 Rosa \$2,000.00
 Collins Electrical Co.,
 Stockton 2,134.71
 Alta Electric & Mech.
 Co., Inc., San Francisco 2,379.00

Plumbing & Heating
 Scott Co., Inc., San
 Francisco \$5,687.00
 James A. Nelson Inc., San
 Francisco 5,768.00
 Marcy & Peterson, Sonoma 6,300.00
 Alta Electric & Mech Co.,
 Inc., San Francisco 6,687.00

CONTRACT AWARDED
SAN FRANCISCO—M. B. Mc-
 Gowen, 74 New Montgomery Street,
 at \$4,300 under item A, awarded con-
 tract by the Department of Public
 Works, Room 251, City Hall, for
 2,500 lineal feet of piles for interior
 piers, north and south wall footings
 for Engine House 35, North Blux-
 ombe, 250 W. 4th St.

BIDS OPENED
SAN MATEO COUNTY, Calif.—
 Anderson & Rowe, 45 Belcher St.,
 San Francisco, at \$8,477 for mechani-
 cal equipment and plumbing, and
 G. H. Armstrong, 1388 Van Ness
 Ave., South San Francisco, at \$2,939
 for electric wiring submitted low
 bids to the Department of Public
 Works, Room 251, City Hall, San
 Francisco, for mechanical equipment
 and plumbing, and for electrical
 work for the kitchen and dining
 room building at Hassler Health
 Home, San Mateo County.

Complete bids follow:
Mechanical Equip. & Plumbing
 Anderson & Rowe, San
 Francisco \$8,477
 Scott Co., Inc. 9,787
Electric Wiring
 G. H. Armstrong \$2,939
 Paragon Electric Co. 3,343
 Decker Electrical Constr. Co. 3,860

14— RESIDENCES

Contract Awarded
PESIDENCE Cost, \$5500
BURLINGAME, San Mateo Co., Lot
 9, Blk. 9, Oak Grove.
 One-story frame and stucco resi-
 dence (5 rooms), hardwood flrs.,
 tile bath, etc.
 Owner—Mr. Maude.
 Architect—D. E. Jaekle, 126 Post St.,
 San Francisco.
 Contractor—Geo. Arthur & Sons, 941
 So. Claremont, San Mateo.

Sub-Contractors Awarded
RESIDENCE Cost \$.....
BAYWOOD, San Mateo Co., Calif.
 Two-story frame residence (hard-
 wood floors, tile baths, etc.)
 Owner—Frank V. Tinker, c/o Arch.
 Architect—Angus McSweeney, 604
 Mission St., San Francisco.
 Contractor—G. W. Williams Co., 10
 California Drive, Burlingame.
Plumbing—Harry Lee, 220 California
 Drive, Burlingame.
Electric Wiring—Medley Electric Co.,
 1163 Broadway.

Contract Awarded
REMODEL RESIDENCE
VALLEJO, Solano Co., Calif.
 Alterations to residence.
 Owner—R. S. Leachman.
 Architect—Fred Reimers, 233 Post
 St., San Francisco.
 Contractor—Samuel D. Robinson, 1901
 Tennessee St., Vallejo.

Preparing Plans
MODEL HOME
BURLINGAME, San Mateo Co., Cal.
 One-story frame and stucco resi-
 dence of French type; hardwood
 floors, tile baths, etc.
 Owners and Builders—Lang Realty
 Co., San Francisco, and C. H.
 Bessett Building Co., 826 Walnut
 Ave., Burlingame.
 Architect—Leo Sharps, 1319 Howard
 Ave., Burlingame.

Contract Awarded
RESIDENCE
BURLINGAME, San Mateo Co., Cal.
 Two-story frame and stucco resi-
 dence (hardwood floors, tile baths
 etc.)
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard
 Ave., Burlingame.
 Contractor—C. H. Bessett Building
 Co., 826 Walnut Ave., Burlin-
 game.

Contract Awarded
RESIDENCE Cost, \$25,000
SAN MATEO COUNTY, Calif.
 Northridge Lane, Woodside Hills
 No. 1.
 Two-story frame residence.
 Owner—D. D. Bohannon, 1182 Mar-
 ket St., San Francisco.
 Architect—Gardner A. Dailey, 210
 Post St., San Francisco.
 Contractor—Suburban Builders, 126
 California Drive, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, \$5,000
SAN JOSE, Santa Clara Co., Calif.
 Lot 15, Emery St., Rose Park
 Subdivision.
 One - story frame and stucco resi-
 dence (5 rooms) hardwood floors
 tile bath, detached garage, wood
 sash, etc.
 Owner and Builder—Pasetta Const.
 Co., 2390 Park Ave., Santa Clara.
 Architect—D. E. Jaekle, 126 Post St.,
 San Francisco.

Contract Awarded
RESIDENCE Cost, \$35,000
WOODSIDE, San Mateo Co., Calif.
 Moore Road.
 Two-story frame residence.
 Owner—Mrs. F. B. Hitchcock, Box
 231, Menlo Park.
 Architect—John Fenriacy, Charter &
 Hancock, Redwood City. 14

Low Bidder
RESIDENCE
PIEDMONT, Alameda Co., Calif.
 Two-story frame and stucco resi-
 dence (10 rooms, 3 baths), hard-
 wood floors, tile baths, shake
 roof, etc.
 Owner—Mr. Stafford Buckley.
 Architect—Ed. Musson Sharpe, 111
 Sutter St., San Francisco.
 Low Bidder—Emil Person, 829 San
 Luis Road, Berkeley.
 Bids held under advisement.

Contract Awarded
RESIDENCE Cost, \$5,000
SANTA CLARA, Santa Clara Co.,
 Cal. Hilmar St., El Camino Plk.
 One - story frame and stucco resi-
 dence (5 rooms) hardwood floors,
 tile bath, detached garage, etc.
 Owner—Mr. Heinzen.
 Architect—D. E. Jaekle, 126 Post St.,
 San Francisco.

Contractor—Pasetta Const. Co., 2390
 Park Ave., Santa Clara.

Contract Awarded
RESIDENCE Cost, \$15,000
PIEDMONT, Ala. Co., Calif.
 Two-story residence (8 rooms, 3
 baths) all wood exterior, shingle
 roof, air conditioning heating
 system, hardwood floors, tile and
 linoleum baths, etc.
 Owner—Withheld.
 Architect—Williams & Wastell, 337
 17th St., Oakland.
 Contractor—Harold L. Paige, 5651
 Oak Grove Avenue, Oakland.

Contract Awarded
RESIDENCE Cont. Pr., \$11,799
WOODSIDE, San Ma'eo Co., Calif.
 One - story frame and brick veneer
 residence (detached garage).
 Owner—Dr. W. G. Moore, 3203 Pa-
 cific St., San Francisco.
 Architect—Francis E. Lloyd, 360 Pine
 St., San Francisco.
 Contractor—Douglas Stevens & Clark
 1040 Creek Dr., Menlo Park. 14

Contract Awarded
RESIDENCE Cost, \$5,000
SAN JOSE, Santa Clara Co., Calif.
 Lot 6, Colonial Manor, Emory
 Street.
 One-story frame and stucco resi-
 dence (5 rooms), hardwood flrs.,
 tile bath, etc.
 Owner—Mr. Hine.
 Architect—D. E. Jaekle, 126 Post St.,
 San Francisco.
 Contractor—Pasetta Constr. Co., 2390
 Park Ave., Santa Clara.

15— SCHOOLS

BIDS OPENED
GUSTINE, Merced Co., Calif.—W.
 R. Knight, 557 Market St., San Fran-
 cisco, at \$3,098 submitted low bid
 to the Gustine Union Elementary
 School District for the construction
 of Stage Equipment and Seating in
 connection with a combination Aud-
 itorium-Gymnasium Building located
 at Gustine, Merced County, Calif.
 Architects Franklin & Kump, Jr.,
 202 T. W. Patterson Bldg., Fresno.
 Complete bids, which are held un-
 der advisement, follow:
 W. R. Knight, San Francisco, \$3,098
 Healey & Popovich, Fresno 3,200
 American Seating Co., San
 Francisco 3,375

Award Recommended
ALTERATIONS
DINUBA, Tulare Co., Calif.
 Furnish and install building repairs,
 bleachers, sidewalks, steel fence,
 sprinkler system, landscaping,
 venetian blinds, public address
 system, sound machine, grand
 piano and library stacks.
 Owner—Dinuba Union High School
 District, (Weaver Liebau, Clerk).
 Architect—Ernest J. Kump, Rowell
 Bldg., Fresno.
 Low Bidder—Harris Construction Co.,
 P. O. Box 109, Fresno.
 Recommendation made to PWA
 that contract be awarded low bid-
 der at \$13,177, which includes de-
 duction of \$662 for omitting library
 stacks.

Complete basic bids with alternate
 deductions follow:
 Harris Construction Co., Fresno, \$13,-
 839 (a) \$662 (b) \$496 (c) \$1800
 (d) \$1600 (e) \$34.
 T. C. & W. H. Irwin, Fresno, \$14,943
 (a) \$640 (b) 486 (c) 1609 (d)
 1619 (e) \$97.
 Midstate Construction Co., Fresno,
 \$14,973 (a) \$650 (b) \$480 (c) \$1325
 (d) \$1595 (e) \$35.
 Richmond Construction Co., Fresno,
 \$15,447 (a) \$702 (b) \$1336 (c)

\$1275 (d) \$1595 (e) \$97.
Brown Construction Co., Madera,
\$18,036 (a) \$794 (b) \$1200 (c)
\$1838 (d) \$1595 (e) \$100.

CONTRACT AWARDED

WASCO, Kern Co., Calif.—T. P. Schultz, 1115 East Rosecrans Ave., Compton, at \$68,540 awarded contract (subject to PWA approval) by the Wasco Union Elementary School District for a school building (275x-60-ft.), to be built on a 10-acre site in Wasco as the first unit of the Thomas Jefferson school.

Plans prepared by John Paxton and Associates; Huntington Barker, architect, Western Pacific Building, Los Angeles.

Second low bid submitted by J. M. Harvey, Pasadena, at \$70,459.

Award Recommended**SCHOOL BLDG.**

SACRAMENTO, Sacto. Co., Calif. Construction of one-story assembly and classroom addition at El Dorado Elementary School.

Owner—Sacto. City Unified School Dist., (Chas. C. Hughes, Secy.).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Low Bidder—H. W. Robertson, 3004 F St., Sacto.

Recommendation made to PWA that contract be awarded on basic bid including deduction of all alternates.

Bids were received with the following alternate deductions: (1) use locally manufactured type foot and border lights in assembly hall (2) omit classroom on northwest side of east and west corridor, but finish exposed exterior walls (3) omit all stage equip including motion picture screens, etc., except the furnishing and hanging complete of front proscenium curtain and grand drapery border back of curtain (4) concrete per cubic ft. (5) forms, per ft. (6) steel per lb. (7) excavation, per yd.

Complete bids were:

H. W. Robertson, \$37,110 (1) \$63.00
(2) \$2,871 (3) \$1,185 (4) \$0.45
(5) \$0.16 (6) \$0.6 (7) \$2.00.

Lawrence Constr. Co., \$39,566.00: (1) \$65; (2) \$1,800; (3) \$1,200; (4) \$3.38
(5) \$0.14 (6) \$0.05 (7) \$1.50.

Chas. F. Unger, \$40,692 (1) \$60; (2) \$2,700 (3) \$1,200 (4) \$0.40 (5) \$0.15
(6) \$0.06 (7) \$2.00.

Holdener Constr. Co., \$41,308 (1) \$60
(2) \$2,425 (3) \$1,200 (4) \$0.50 (5) \$0.17 (6) \$0.06 (7) \$2.00.

CONTRACT AWARDED

SANTA ROSA, Sonoma Co., Cal.—Spaletta & Siri, 311 Carrillo Street, Santa Rosa, at \$100.00 for excavating library and administration building, at \$100.00 for excavating assembly, music and dramatics building and at \$40.00 for excavating commercial building, all at the Junior College, awarded contract by the City of Santa Rosa Junior College District. Clarence Caulkins, Architect, Rosenberg Bldg., Santa Rosa. 15

Contract Awarded

EXCAVATION. Cont. Pr., \$1,200. SACRAMENTO, Sacto. Co., Calif., Sacto Senior High School.

Excavating for new assembly bldg. Owner—Sacramento City Unified School District, (Chas. C. Hughes, Secy.).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.

Contractor—H. W. Robertson, 3004 F St., Sacramento.

Complete bids were:

H. W. Robertson, \$1,200.
Holdener Constr. Co., \$1,250.
Otto Steinbrenner, \$1,450.
Chas. F. Unger, \$1,450.
Lawrence Constr. Co., \$1,465.

Contract Awarded

GYM ANNEX. Cont. Pr., \$23,553. SACRAMENTO, Calif. Sacramento Senior High School.

One - story frame and stucco gymnasium annex to contain three classrooms.

Owner—Sacramento City Unified School District (Chas. C. Hughes Secretary).

Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

Contractor—Otto Steinbrenner, 2657 Land Park Drive, Sacramento.

General bids received with the following alternates: (1) concrete per cu. ft.; (2) forms, per ft.; (3) steel, per lb.; (4) excavation, per yd.

Complete bids were:

Otto Steinbrenner, \$23,553; (1) \$.46; (2) \$.17; (3) \$.06; (4) \$2.00.

H. W. Robertson, \$23,597; (1) \$.45; (2) \$.16; (3) \$.06; (4) \$2.00.

Chas. F. Unger, \$25,852; (1) \$.40; (2) \$.15; (3) \$.06; (4) \$2.00.

Holdener Constr. Co., \$26,479; (1) \$.50
(2) \$.17; (3) \$.06; (4) \$2.00.

Lawrence Constr. Co., \$26,562; (1) \$.35; (2) \$.14; (3) \$.05; (4) \$2.00.

Contract Awarded

SCHOOL. Cost, \$115,000. SAN FRANCISCO, De Montford & Jules Aves. St. Emydius.

Three-story reinforced concrete, 12-classroom school building.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.

Architect—John J. Foley, 770 Fifth Avenue.

Contractor—Cahill Bros., 206 Sansome St., San Francisco.

CONTRACT AWARDED

VICTORVILLE, San Bernardino Co., Calif.—Martin Green, 288 17th St., San Bernardino, awarded contract by Victor School District, at \$36,817, for construction of a new steel and concrete grammar school bldg. in Victorville. Award subject to PWA approval, made on bid of \$42,480, less deductions of \$5663 for alternates Nos. 1 to 10 incl. Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles. 15

BIDS WANTED

SATICOV, Ventura Co., Calif.—Until Jan. 9, 9:30 A. M., bids will be received by the Saticov Elementary School District for Contract No. 2 (unit A) of the Upper School, West Saticov. Plans and specifications may be obtained from Architect R. S. Raymond, 949½ Main St., Santa Paula, upon deposit of \$10. Certified or cashier's check or bond for 10% required. 15

WORK STARTS SHORTLY

LOS ANGELES, Calif.—Robert E. Millsap, 603 Pacific Commerce Bldg., Los Angeles, will start work the first week in January on the construction of the College of Architecture and Fine Arts bldg. and on the Fisher Art Gallery at 3551 University Ave., for the University of Southern California; cost \$230,000. Ralph C. Flewelling, architect, 816 W. 5th St., Los Angeles; Ralph E. Phillips, mechanical engineer. 15

CONTRACTS AWARDED

DELANO, Kern Co., Calif.—American Seating Co., 6900 Avalon Blvd., Los Angeles, awarded contract by Delano Joint Union High School District, at \$5668, for auditorium chairs for Delano high school. Dohrmann Hotel Supply Co., 444 S. Broadway, Los Angeles, awarded contract at \$3176 for kitchen equip. and Healy & Popovich, Fresno, awarded contract at \$3619 for stage equipment.

Frank Wynkoop, architect, 420 Haberfeld Bldg., Bakersfield. 15

Contract Awarded

SCHOOL BLDG. Cont. Price, \$175,523. NORTH SACRAMENTO, Sacramento Co., Calif. Grant Union High School.

Second unit of high school plant, consisting of 1-story 12-room addition, including cafeteria, classrooms, shops and music rooms.

Owner—Grant Un. High School Dist. Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—M. R. Peterson, 1116 O St., Sacramento.

Contract awarded on basic bid including deduction of all alternate proposals.

Complete bids were:

M. R. Peterson, \$199,933 (1) \$822; (2) \$1610; (3) \$8130; (4) \$7843; (5) \$2500; (6) \$3500.

Lindgren & Swinerton, Inc., \$206,000; (1) \$500; (2) \$1350; \$9900; (4) \$6000; (5) \$1000; (6) \$1700.

H. W. Robertson, \$206,736; (1) \$700 (2) \$1380; (3) \$7500; (4) \$7100; (5) \$2300; (6) \$3000.

Lawrence Const. Co., \$209,650; (1) \$650; (2) \$1400; (3) \$6950; (4) \$6450; (5) \$1600; (6) \$2700.

P. F. Bender, \$211,104; (1) \$579; (2) \$1347; (3) \$6794; (4) \$5144; (5) \$1900; (6) \$2400.

Campbell Const. Co., \$211,615; (1) \$500; (2) \$1350; (3) \$8000; (4) \$6500; (5) \$2250; (6) \$3000.

Contract Awarded

RECONSTRUCTION. Contract Price, \$53,000. OAKLAND, Alameda Co., Calif. 63rd Street and San Pablo Avenue.

Reconstruction of the South wing of Golden Gate Junior High School.

Owner—Oakland School District. Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland.

(School Administration Building) Contractor—George Swanstrom, 1615 78th Avenue, Oakland.

SUB-CONTRACTS AWARDED

SAN FRANCISCO.—Leo Epp, 4745 Geary St., awarded the following sub-contracts for the construction of an addition to Lawton School.

Glass & Glazing—W. P. Fuller and Co., 301 Mission St., San Francisco.

Millwork—Pacific Mfg. Co., 454 Montgomery St., San Francisco.

Stage Equipment—Fred E. Turner, 557 Market St., San Francisco.

Lineoleum—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.

Painting—R. P. Paoll & Co., 2530 Lombard St., San Francisco.

Blackboard—Rucker Fuller Co., 539 Market St., San Francisco.

Plumbing—Skelly & Kohler, 1342 9th Ave., San Francisco.

Terrazzo—Henry Gervais Co., 1727 Mission St., San Francisco.

Copper-covered Doors—Wieland and Son, 2194 Folsom St., San Francisco.

Finish Hardware—E. M. Hundley Hardware Co., 662 Mission Street, San Francisco.

Lathing and Plastering—A. Knowles, 982 Bryant St., San Francisco.

Marble—J. E. Back Co., Inc., 1533 San Bruno Ave., San Francisco.

Title—Malott & Peterson, 20th and Harrison Sts., San Francisco.

Electric—Paragon Electric Co., 68 Belcher, San Francisco.

Acoustical Treatment—Van Arsdale-Harris Lumber Co., Inc., 5th and Brannan Sts., San Francisco.

Misc. Iron—Anchor Post Fence Co., of Calif., 460 5th St., San Francisco.

Contract Awarded

RECONSTRUCTION
 Contract Price, \$18,974
OAKLAND, Alameda Co., Calif. 97th Avenue and Burr Street.
 Reconstruction of the Toler Heights Elementary School.
 Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland, (School Administration Building)
 Contractor—S. G. Johnson, 4652 Dolores Avenue, Oakland.

Sub-Contracts Awarded
ADDITION Cont. Pr., \$15,450
KETTLEMAN CITY, Kings Co., Cal addition to grammar school (frame construction).
 Owner—Reefe-Sunset Union School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Contractor—Ericson & House, Route 2, Box 400-X, Fresno.

Concrete—N. Volanti, 1143 C Street Fresno.
 Heating & Sheet Metal—Frank Hudson, 2141 S Van Ness, Fresno.

Electric Work—Lowe's Electric, 325 D St., Lemoore.
 Millwork—Madary Planning Mill and Box Co., Santa Clara and H Sts., Fresno.

Structural and Reinforcing Steel, and Ornamental Iron—Kyle & Co., 346 G St., Fresno.

Roofing—C. McMullin Co., 1225 Broadway, Fresno.
 Painting—Carl Larsen, 3119 Alta Fresno.

Plastering—M. E. Summers, 4421 Van Ness Blvd., Fresno.
 Tile—Premier Tile & Marble Co.
 Materials—Central Lumber Co.

CONTRACT AWARDED
SAN FRANCISCO—Leo Epp, 4745 Geary St., at \$89,377 awarded contract by the Dept. of Public Works, City Hall, for general construction of an addition to Lawton School.

BID OPENED
SAN FRANCISCO—Ocean Shore Iron Works, 550 8th St., at \$45 submitted low bid to the Department of Public Works, Room 251, City Hall, for tubing boiler at Guadalupe Sch, Cordova and Prague Streets.

Additional Sub-Contracts Awarded
LAW AND LIBRARY BLDG.
 Contract Price, \$100,000
SANTA CLARA, Santa Clara Co. Two-story reinforced concrete, steel frame law and library building, to contain four classrooms, professors' offices, library and court room.
 Owner—University of Santa Clara.
 Architect—Binder & Curtis, 35 West San Carlos St., San Jose
 Structural Engineer—W. D. Lutz.
 Contractor—Geo. L. Honore, 136 Race Street.

Metal Partitions—Dwan & Co., 126 Post St., San Francisco
 Glass—Le Diet Glass Co., 762 Lenzen Ave., San Jose.
 Painting and Decorating—E. Gallichotte, 1077 Delno Court, San Jose.

Hardware—Farmers' Union, Santa Clara and San Pedro Streets, San Jose.
 Tile Work—Simpson Tile Co., 38 Julian St., San Jose.
 Sheet Metal—California Sheet Metal Works, 342 W. San Carlos St., San Jose.

BIDS WANTED
VENTURA, Calif.—Until Jan. 5, 7:30 P. M., bids will be received by the Ventura Union High School and Junior College District for Unit "E" (boys' gym) to be built at Ventura

Junior College, Main and Catalina Sts., Ventura, a PWA project. Estimated cost \$65,000. Plans may be obtained from Architects Roy C. Wilson and Geoffrey N. Lawford, Say Road, Santa Paula, upon deposit of \$15. Manley W. Sahburg, structural engineer, 311 Architects' Bldg., Los Angeles.

Prospective Bidders
SCHOOL BLDG. Cost, 44,000
KERN COUNTY, near Bakersfield. School building to contain three classrooms, cafeteria and toilet building. (Frame and stucco construction, steam heating, etc.)
 Owner—Greeley Elementary School District.

Architects—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.
 Plans and specifications obtainable from the architect. Certified or cashier's check or bond for 10% required.
 As previously reported, bids will be opened Dec. 29, 7 P. M., and will be opened in the Greeley Elementary School Bldg.

Following have taken out plans:
 Wm. Eissler, P. O. Box 523, Bakersfield.
 Willard K. Michael, 600 Bernard St., Bakersfield.

Alva Hackney & Son, 20 Kentucky St., Bakersfield.
 B. Frank Barr, 2420 Sunset Ave., Bakersfield.

L. H. Hansen & Sons, P. O. Box 519, Fresno.
 Hodgson & Son, 510 2nd Street, Porterville

Additional Sub-Contracts Awarded
INDUSTRIAL BLDG. Cost, \$30,000
SAN FRANCISCO, SW Kansas and 16th Streets. One-story Class C meat jobbing building.
 Owner—Raymond A. Luce, 1675 Market Street.
 Engineer—Jas. M. Smith, 251 Kearny Street.
 Contractor—H. E. Rahlmann, 251 Kearny Street.

Glass—Habenicht and Howlett, 529 Clay Street.
 Lathing and Plastering—Marconi Plastering Co., 1737 Beach St.
 Plumbing—Monihan-Stauffacher Co., 1552 Fulton Street.

Smokehouse Doors—Le Fiel Co., 1469 Fairfax Avenue.
 Concrete—John Cassaretto Co., Sixth and Channel Streets.
 Structural Steel—Golden Gate Iron Works, 1541 Howard St.

Composition Floors—Le Roy Olson Co., 8070 17th St.
 Steel Rolling Doors—Kinnear Mfg. Co., 361 Brannan St.
 Roofing—Malott & Peterson, 20th & Harrison Sts.

BIDS OPENED
ALBANY, Alameda Co., Calif.—Rucker-Fuller Co., 539 Market St., San Francisco, at \$3594.13 for equipment and furniture, and Trask & Squier Co., Inc., 39 Natoma, San Francisco, at \$1128.30 for metal lockers, submitted low bids and were recommended to PWA for awards of contracts by the City of Albany, Leon R. Hess, Director, for furnishing and installing equipment and metal lockers in the Fourth Unit to the High School Building located at Garfield Ave. and Key Route Blvd., Albany. Architects, Dragon & Schmidts, 2068 Allston Way, Berkeley.

Total bids follow:
 Equipment and Furniture
 Rucker-Fuller Co. \$3,594.13
 American Seating Co. 3,631.80
 J. W. Fricke 3,683.70

Metal Lockers
 Trask & Squier Co., Inc. \$1,128.30
 Lyon Metal Products Co. 1,305.97

American Seating Co. 1,332.95
 C. J. Warehouse Co. 1,349.00
 Berger Mfg. Division
 Republic Steel Corp. 1,371.87
 J. W. Fricke 1,458.00
 Parker-Carpenter, Inc. 1,523.00

Contract Awarded
SCHOOL ADDITIONS
ARCADE, Sacramento Co., Calif. Construction of additions to Arcade Elementary School.
 Owner—Arcade Elementary School District, (Geo. W. Felcher, Clerk).
 Architect—Harry J. Donovan, Cronan Bldg., Sacramento.
 Contractor—Otto Steinbrenner, 2657 Land Park Drive, Sacramento, \$14,912.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 Otto Steinbrenner \$14,912
 H. W. Robertson 15,275
 P. F. Bender 15,511
 Lawrence Constr. Co. 15,556
 Chas. F. Unger 15,922
 Holdener Constr. Co. 16,025
 Lindgren & Swinerton, Inc. 16,687
 All of Sacramento.

Low Bidder
HIGH SCHOOL, GRANTS PASS, Oregon. One-story high school (164x331 feet) containing 14 classrooms and two library rooms.
 Owner—School District No. 7, Josephine County, Oregon.
 Architect—Glenn Stanton, 528 Railway Exchange Bldg., Portland
 Low Bidder—Sig. Ash, 3544 SE Milwaukie, Portland, \$131,700.

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Amador and Nebraska Sts. Excavation for science building and girl's gymnasium at the Vallejo Senior High School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$4,105.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$4,105
 Ivor J. Jones, Berkeley 4,741
 West Construction Co., San Francisco 5,225

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
EXCAVATION
VALLEJO, Solano Co., Calif., Sonoma and Carolina Sts. Excavation work for new Lincoln School.
 Owner—Vallejo Unified School Dist., Elmer Cave, Supt. of Schools.
 Architect—John J. Donovan, 950 Parker St., Berkeley.
 Contractor—E. E. Lowell, 1248 Georgia St., Vallejo, \$2,607.

Contract awarded subject to the approval of the PWA.
 Complete bids were:
 E. E. Lowell, Vallejo \$2,607
 West Construction Co., San Francisco 3,730
 Ivor J. Jones, Berkeley 3,972
 Salletta and Sirl, Santa Rosa 5,260

Contract Awarded
RESTAURANT Cont. Pr., \$11,600
SAN JOSE, Santa Clara Co., Calif. One-story brick restaurant building (40x85-ft.).
 Owner—Carmine Citrigno, c/o Arch. Architects—Higgins & Reed, (Chester

16—BANKS, STORES AND OFFICES

Sub-Contracts Awarded
RESTAURANT Cont. Pr., \$11,600
SAN JOSE, Santa Clara Co., Calif. One-story brick restaurant building (40x85-ft.).
 Owner—Carmine Citrigno, c/o Arch. Architects—Higgins & Reed, (Chester

Root, Architect), Security Bldg., San Jose.
 Contractor—Vincent Maggio, 452 N. 15th St., San Jose.
Roofing—Pacific Star Roof Co., 120 N. Morrison Ave.
Plumbing—Henry Rose, 1362 Davis Street.
Electric Wiring—Rosendin Electric Works, 78 Face St.
Tile Work—Malvini Tile Co., 1390 Everett St.
Glass—Christopher Schmidt Glass Co., 418 S. Market St.
Iron Grille Work—Hellwig Iron and Wire Works, 407 Vine St.
Brick & Stone Work—Frank Tilben, 1140 Martin St.
Grading—Ed. Keeble, Tully Road.
Foundations & Concrete—A. Bernal, 50 Edwards Ave.
Lumber & Mill Work—S. H. Chase Lumber Co., 547 W. Sta. Clara.
Hardware—San Jose Hardware Co., 92 W. San Fernando St.
Painting—Walter Reed, 30 Keeble Avenue.
 All of San Jose.

Bids In
ALTER GARAGE
 SAN FRANCISCO. 663 Sutter St. Alterations to The Olympic Garage. Owner—The Olympic Garage.
 Engineer—W. Adrian, 417 Market St., San Francisco.
 Bids in and under advisement. Announcement shortly.

CONTRACTS AWARDED
 LOS ANGELES, Calif.—Indiana Limestone Co. of Calif., 130 Lunado Wav, San Francisco, awarded contract Dec. 20 for furnishing and erecting "Texas Shell" limestone facing for the upper four stories of the 5-story, class A department store bldg. to be built on the NE corner of Wilshire Blvd. and Fairfax Ave for The May Company. Amount of the contract exceeds \$50,000. The first story will be faced with black granite.

Pacific Cut Stone & Granite Co., 414 S. Matengo Ave., Alhambra, and Hilgartner Marble Co., East 26th St., Los Angeles, awarded contract Dec. 20 for furnishing and erecting black granite 1st story facing and corner treatment. The granite will be erected to a height of 25 ft. above the street. Amount of the contract exceeds \$50,000.

R. W. Hampton, 4031 Goodwin Ave., Los Angeles, awarded contract Dec. 20, at approx. \$6000, for excav. the site involving the removal of about 15,000 cu. yds. of material. Albert C. Martin, architect, 233 Higgins Bldg., Los Angeles. * 16

Construction Underway
SHOPS Cost, \$18,000
 SAN FRANCISCO. West Portal Ave. One-story frame and stucco studio shops and restaurant, (100x100-ft.), composition shingle roof, knotty pine interior, etc.
 Owner—Wm. S. Romano.
 Architect—Albert H. Larsen, 333 Kearny St.
 Contractor—Jas. Arnott & Son, 636 Taraval St.

Contract Awarded
ALTERATIONS Cost, \$50,000
 SAN FRANCISCO. NE Post Street and Kearny.
 Alterations to stores and offices.
 Owner—Hastings Clothing Company.
 Architect—Douglas D. Stone, 331 Bush Street.
 Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

Bids In—Held Under Advisement
STORE BLDG. Cost, \$14,000
 SAN FRANCISCO. NE Cor. Sacra-

mento St. and Presidio Avenue. One-story frame store building (35x100-feet).

Owner—Martin Stelling, Jr.
 Architect—Earle Bertz, 681 Market. Announcement shortly.

CONSTRUCTION UNDERWAY
BEVERLY HILLS, Los Angeles
 Co.—C. L. Peck, H. W. Hellman Bldg., Los Angeles, started work Dec. 23 on the construction of a unit to be added to the department store bldg. at 9600 Wilshire Blvd., Beverly Hills, for the West Coast Improvement Co.; Saks-Fifth Avenue, lessee. Plans were prepared by Architect Paul R. Williams, 3839 Wilshire Blvd., Los Angeles. Cost \$450,000.
 Paul Jeffers, Architects' Bldg., Los Angeles, structural engineer. Contract for excav. the site has been awarded to Frank T. Hickey, 1111 N. Sycamore Ave., Los Angeles. 16

17—THEATRES

Preparing Preliminary Plans
THEATRE
 OAKLAND, Alameda Co., Calif. NE corner of Dale and 38th Ave. Reinforced concrete neighborhood theatre building.
 Owner—Withheld.
 Architect—A. A. Cantin, Central Tower, 703 Market St., San Francisco.

18—WHARVES & DOCKS

Contracts Awarded
AIR BASE
 YERBA BUENA SHOALS. Site of 1939 World's Fair.
 Construction of fair base.
 Owner—Pan American Airways, Alameda and Eng. Dept. of Owner.
 Painting—Raphael Co., 270 Tehama St., San Francisco.
 Landscaping—California Nursery Co., Inc., Niles.

19—MISC. CONSTRUCTION

BIDS OPENED
 SAN FRANCISCO—Moore Dry Dock Co., Foot of Adeline, Oakland, at \$3,108, submitted low bid to H. W. Rhodes, Superintendent of Light-houses, 425 Custom House, San Francisco, under Pro. No. 0304, for docking, cleaning, repairing, painting, etc. Light-house Tender Columbine.

Bids were taken on:
 (1) Necessary work;
 (2) Optional work.
 Complete bids follow:
 Moore Dry Dock Co., Oakland, (1) \$2,022 (2) \$1,086; total, \$3,108.
 Pacific Dry Dock & Repair Co., Oakland, (1) \$1,910.50; (2) \$1,232.80; total, \$3,143.30.
 Bethlehem Steel Co., San Francisco, (1) \$2,472; (2) \$1,296.60; total, \$3,768.60.

General Engineering & Dry Dock Co., San Francisco, (1) \$2,516; (2) \$1,428.00; total, \$3,944.00. * 19

Sub-Contracts Awarded
LABORATORY Cost, \$.....
 RICHMOND, Contra Costa Co., Cal. Laboratory and research building of reinforced concrete and steel construction.
 Owner—Standard Oil Company of California.
 Plans by Engr. Dept. of Owner.
 Contractor—Lindgren and Swinerton, Inc., Standard Oil Building, San Francisco.
 Install Fill Materials—Geo. P. Peres, Richmond.
Concrete Pipe—California Concrete Products Co., 1700 S First St.,

San Jose.

Sub-Contracts Awarded
FREIGHT TERMINAL Cost, \$200,000
 SAN FRANCISCO. W Spear Street 137 N Bryant St.

Two-story reinforced concrete freight terminal.

Owner—Atchison, Topeka and Santa Fe Railway Company.
 Plans by Engr. Dept. of Owner.
 Contractor—Lindgren and Swinerton, Inc., Standard Oil Bldg.
 Glass—W. P. Fuller & Co., 301 Mission Street.

Metal Forms, Columns and Caps—Steefform Const. Co., 666 Harrison Street.

Pile Driving—Healy - T. Tibbits, 1100 Evans Avenue.

Steam Shovel—Robertson Trucking & Grading Co., 61 Morris St.
Mixed Concrete—Golden Gate Atlas Co., 16th and Harrison Sts.
Lumber—Loop Lumber Co., Central Basin.

CONTRACT AWARDED

SOUTH PASADENA, Los Angeles
 County, Calif.—Escherich Bros., 234 W. 37th Place, Los Angeles, awarded contract by the city of South Pasadena, at \$48,037, for construction of a swimming pool and plunge tank in Orange Grove Park, a PWA project. Harry L. Pierce, architect, 1443 Mt. Pleasant St., Los Angeles.

December 27, 1938

CONTRACT AWARDED

SAN FRANCISCO—Piombo Bros. & Co., 1571 Turk St., at \$470,000 awarded contract by the Department of Public Works for removing 4500 cu. y. of sand from the roadway and sidewalk of 31st Ave. bet. Quintara and Rivera Streets. * 19

BIDS WANTED

BONNEVILLE, Oregon—Until Jan. 13, 3:00 P. M., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-39-80, for installing a tile floor and wainscoting in the generator room of the power house at Bonneville, Oregon.

Plans and specifications may be obtained from the above office. * 19

Bids In—Held Under Advisement.
DOCK, ETC

WEST SACRAMENTO, Calif. Opposite General Petroleum plant.

Construction of dock and pipe line with 95-ft. long runway and 10x20-ft. dock; two mooring dolphins; concrete and asphalt tank foundations, etc.

Owner—General Petroleum Company of California.

Plans by Engr. Dept. of Owner. Announcement shortly.
 (1218) 1st rep. Dec. 16, 1938. * 19

BIDS WANTED

MARSH FIELD, Riverside County, Calif.—Until January 12 bids will be received by the Quartermaster, Construction Division, Army Division, Washington, D. C., for installing outline lightening cable in Duct System at Marsh Field, Calif.

Plans and specifications may be obtained from the above office.

BIDS WANTED

WASHINGTON, D. C.—Until Feb. 15 bids will be received by the Office of the Secretary, Navy Department, Washington, D. C., for constructing two light cruisers of approximately 6,000 tons each, standard displacement.

Plans and specifications may be obtained from the above office upon deposit of \$1,000. * 19

BIDS OPENED

SAN FRANCISCO.—M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, at \$3,992, submitted low bid to the Department of Public Works, Room 251, City Hall, for repairing bulkhead on the west side of the Great Highway at Taraval Street.

Total bids follow:
 M. B. McGowan, Inc., San Francisco \$3,992
 The Duncanson Harrelson Co., San Francisco 4,234
 Healy Tibbitts Constr. Co., San Francisco 4,800
 A. W. Kitchen & Co., San Francisco \$5,232

20— MISC. SUPPLIES AND MATERIALS

BIDS WANTED

BONNEVILLE, Ore.—Until Jan. 16, 10:30 A. M., bids will be received by the Dept. of Interior, 1300 N.E. Union, Portland, under Bid No. 114, for 115 K.V. and 196 K.V. High Tension disconnecting switches for substations of Bonneville Transmission system.

Plans and specifications may be obtained from the above office. 20

CONTRACTS AWARDED

SAN FRANCISCO—Following contracts awarded by U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-39-163 for furnishing lumber, plywood and wall-board f.o.b. Port Cronkhite:

Smith Lumber Co., 4th and Channel Sts., San Francisco, at \$720.52, disc. 2% 10 days, lumber items.
 Western Asbestos Co., 675 Townsend St., San Francisco, at \$504.57, disc. 2% 10 days, wallboard items.

Jones Hardwood Co., 1401 Potrero Ave., San Francisco, at \$1,042.52, disc 2% 10 days, plywood items. 20

CONTRACT AWARDED

ALL-AMERICAN CANAL—V. R. Derwis Constr. Co., P.O. Box F, Sta. A, San Diego, at \$100,232 awarded contract by Bureau of Reclamation, Yuma, for preparation of concrete aggregates near Sta. 3600 of Coachella canal, All-American Canal System; Spec. 1142-D. 20

BIDS OPENED

KINGSBURG, Fresno Co., Calif.—Following submitted bids to Board of Trustees of the Kingsburg Joint Union School District, Herbert N. Swan, Clerk, Kingsburg, for furnishing and delivering: (1) cement, sand, and gravel; (2) form and frame lumber and nails; and (3) iron and steel to be used in the construction of the first unit of the new Washington School; fob Washington school site: Bids were:

Grant Service Rock Co., Fresno, (1) \$484.93.
 Citizens Mill & Lumber Co., Ventura, (1) \$460.93; (2) \$2,451.40.
 Valley Lumber Co., Fresno, (1) \$460; (2) \$2,475.00.
 Pollard Bros., Ltd., Fresno, (1) \$491.82
 Kyle & Co., Fresno, (3) \$2,355.99. 20

BIDS OPENED

SANTA ANA, Orange Co., Calif.—Owl Truck & Materials Co., 420 S. Alameda St., Compton, at \$17,013.60 submitted low bid to the Orange county supervisors, Santa Ana, for unloading, hauling and distributing

materials in connection with the relocation of the A. T. & S. F. Ry. tracks at the Prado Dam site.

Total bids follow:
 Owl Truck & Materials Co. \$17,013.60
 H. W. Finley, Anaheim 20,053.00
 Harvey B. Adair 21,273.00
 Frank D. Rose, Hynes, and Ernest T. Mavnard 24,525.00

C. O. Sparks & Mundo 25,366.50
 Mark Hart, Orange 29,755.50
 Shannahan Brothers 33,353.00

The bids were referred to the A. T. & S. F. Ry. engineering department for recommendation. 20

BIDS WANTED

MARE ISLAND, Calif.—Until Jan. 9, bids will be received by the Supply Office, Navy Yard, Mare Island, under catalog B-196, for the sale of acids, etc.; anchor; blocks, tackle, winches, etc.; small boats; boat equipment; boiler equipment, etc.; brooms, brushes, etc.; chain; barber chairs; diving equipment; diving equipment; electrical material and parts; engines and parts; hardware, hose and fittings; hospital and laboratory equipment; kettles; kitchen and galley gear; laundry equipment; lighters; lights, lantern and parts; machinery and mechanical equipment; motion picture machine; motors and parts; motor generators; sewing machine needles; navigation-al material; oars, etc.; office equipment; pumps and parts; refrigerators and equipment; rugs; scales; scrap metals, etc.; and misc. tools; telephones and parts; hand tools; valves, parts, etc.

Plans and specifications may be obtained from the above office. 20

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until Dec. 30, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, Colorado, under Bid No. 33,056-A, for deformed intermediate grade billet steel reinforcement bars for concrete; f.o.b. Delta.

Plans and specifications may be obtained from the above office. 20

CONTRACT AWARDED

TACOMA, Pierce Co., Washington.—American Concrete and Steel Pipe Co., Tacoma, at \$207,045 (concrete pipe) awarded contract by the Board of Contracts and Awards, 307 City Hall, Tacoma, under PWA Docket 1456-F, for furnishing and installing about 9580 ft. of 58-in. inside diameter coal tar enameled steel pipe or equal length and size of Lock-Joint Concrete pipe with all necessary fittings and structures. 20

BIDS WANTED

OAKLAND, Calif.—Until Jan. 4, 5:30 P. M., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, for furnishing misc. supplies and materials, as follows:
 PRO. NO. 1118: roofing felt, sheathing paper and asphalt for Ver-ryman Reservoir.

PRO. NO. 1119: corporation and curb stops.

PRO. NO. 1120: pipe and fittings.
 Plans and specifications may be obtained from the above office. 20

BIDS WANTED

PORTLAND, Oregon.—Until Jan. 6, 2:30 P. M., bids will be received by J. D. Ross, Administrator, 1300 NE

Union Ave., Portland, Ore., for cross-arm fixtures for Vancouver-Eugene Line of Bonneville Transmission system; f.o.b. designated delivery points.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

TACOMA, Pierce Co., Washington.—Paine and Gallucci, Tacoma, Wash., at \$156,439, submitted low bid to the Board of Contracts and Awards, 307 City Hall, Tacoma, under PWA docket 1456-F, for furnishing and installing about 27,000 ft. of cast iron pipe, from 4-inch to 20-inch in diam. Est. cost, \$192,000.

Other bidders were:
 Acme Constr. Co., Seattle.....\$158,886
 McHugh and Badalato, Seattle 165,778

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Until January 9, 10 A. M., bids will be received by the Board of Supervisors of San Mateo County, E. A. Rolison, Purchasing Agent, for furnishing all lighting fixtures for the three-story reinforced concrete office building addition now being erected at Redwood City.

Specifications may be obtained from Architect W. H. Toepeke, 74 New Montgomery St., Room 537, San Francisco.

Bids will be opened in the office of the Purchasing Department, Court House, Redwood City. 20

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Until January 9, 10 A. M., bids will be received by the Board of Supervisors of San Mateo County, E. A. Rolison, Purchasing Agent, for furnishing all seating for Supervisors' Room for the three-story reinforced concrete office building addition now being erected at Redwood City.

Specifications may be obtained from Architect W. H. Toepeke, 74 New Montgomery St., Room 537, San Francisco.

Bids will be opened in the office of the Purchasing Department, Court House, Redwood City. 20

BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—Until Jan. 9, 10 A. M., bids will be received by the Board of Supervisors of San Mateo County, E. A. Rolison, Purchasing Agent, for furnishing all Venetian Blinds for the three-story reinforced concrete Office Building Addition, now being erected at Redwood City.

Specifications may be obtained from Architect W. H. Toepeke, 74 New Montgomery St., Room 537, San Francisco.

Bids will be opened in the office of the Purchasing Department, Court House, Redwood City. 20

BUILDERADS

“The Modern Way to Buy and Sell Equipment”

Daily Pacific Builder

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|-------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—Electric Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

BIDS WANTED

TEHAMA COUNTY, Calif.—Until Jan. 17, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 1,095 miles grading and constructing bridges on portions of Sec. A, B, C, and E, of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama Co.

Work involves:

- (1) 15,500 c.y. unclass. excav.;
- (2) 3,407 c.y. unclass. excav. for structures;
- (3) 1,600 c.y. unclass. excav. for borrow;
- (4) 8,900 sta. yds. overhaul;
- (5) 4,100 c.y. miles borrow haul;
- (6) 0.989 miles finishing earth graded road;
- (7) 1,963 c.y. concrets;
- (8) 225,510 lbs. reinf. steel;
- (9) 391,700 lbs. struc. steel;
- (10) 3.9 M. ft. E. M. untreated timber including bridge iron;
- (11) 14 lf. corrugated galv. sheet metal pipe;
- (12) 714 c.y. loose riprap;
- (13) lump sum removal and disposal of existing structures.

Plans and specifications may be obtained from the above office upon the deposit of \$10. * 21

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until January 18, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a bridge across Jack Peters Creek and about 0.22 mile grading and applying penetration oil treatment about 10 miles south of Fort Bragg (I-Men-56-E), Mendocino County.

Work involves:

- (1) clear and grub;
- (2) 60 M. gals. water;
- (3) 4,600 c.y. unclass. rdwy. excav.;
- (4) 700 c.y. struc. excav.;
- (5) 1,050 c.y. imported borrow;
- (6) 12 sta. finish rdwy.;
- (7) 7 tons liq. asph. SC-2 penetration oil treatment;
- (8) 147,000 lbs. bar reinf. steel;
- (9) 800 c.y. Class A Portland cement conc. struc.;
- (10) 17 c.y. Class A Portland cement conc. railing;
- (11) 2,300 lbs. misc. steel;
- (12) 36 lf. 18-in. CMP;
- (13) 2 each culvert markers;
- (14) 12 each guide posts;
- (15) 0.35 mile new property fence;
- (16) 18 each monuments;

- (17) removing and disposing of existing bridge;
 - (18) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. 21

CONTRACTS AWARDED

MERCED COUNTY, Calif.—Following awarded contracts by Merced County Board of Supervisors, P. J. Thornton, Clerk, Merced County Court House, Merced, for the construction of bridges, as follows:

BRIDGE No. 281—Pile and timber bridge over Canal on North line of Sec. 20, T. 8 S., A. 9 E.

BRIDGE No. 282—Pile and timber bridge over Canal on the South line of Sec. 7, T. 9 S., R. 9 E.

BRIDGE No. 283—Reinforced concrete bridge over Canal on West line of Sec. 21, T. 6 S., R. 12 E.

BRIDGE No. 284—Pile and timber bridge over Canal on South line of Sec. 22, T. 6 S., R. 12 E.

BRIDGE No. 285—Pile and timber bridge over Canal on the South line of Sec. 8, T. 8 S., R. 8 E.

BRIDGE No. 286—Pile and timber bridge over Canal on the West line of Sec. 14, T. 7 S., R. 13 E.

BRIDGE No. 291—Pile and timber bridge over Canal on the South line of Sec. 36, T. 8 S., R. 8 E.

Contracts awarded as follows:

Roy Kruger, Gustine, \$7,780.00. (Bridges Nos. 281, 282, 285, and 291).
Roy L. Worthington, Atwater, \$1,295.00. (Bridge No. 283); \$3727.00. (Bridges Nos. 284 and 286). * 21

BIDS OPENED

SEATTLE, Kings Co., Wash.—Puget Construction Co., Seattle, at \$447,224 (Unit 3); at \$465,147 (Unit 5) and at \$527,010 (Unit 9), and Puget Sound Bridge and Dredging Co., J. H. Pomeroy and Co., and Parker-Schram Co., Seattle, at \$3,253,597 (Unit 4); submitted low bids to the State of Washington Toll Bridge Authority, Highway Bldg., Olympia, for the construction of the Lake Washington Bridge, PWA Project 1180F. Bids were taken on:

UNIT 3—Reinf. concr. and struc. steel bridge over city sts. and part of Lake Wash., about 20 mi., effecting connection on westerly end of pontoon bridge provided in Unit 4. About 1156 tons struc. steel, 466 tons steel reinf. bars, 1853 c.y. concrete.

UNIT 4—Reinf. concr. pontoon bridge over Lake Washington with lighting system and mechanical and elec. system for operation of movable span. About 1.25 miles long. Original quantities included about 46,774 c.y. concrete, 8040 tons steel reinf. bars, 1367 tons struc. steel.

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

UNIT 5—Reinf. concr. and struc. steel bridge over portion of Lake Wash., about 13 mile long, effecting connection between pontoon bridge and Merced Island. About 991 tons struc. steel, 543 tons steel reinf. bars, 1853 c.y. concrete.

UNIT 9—Struc. steel and reinf. concrete bridge over east arm of Lake Wash. from Mercer Island and east shore of lake. About 26 mile long. About 1693 tons struc. steel, 460 tons steel reinf. bars, 6630 c.y. concrete.

Complete bids follow:

UNIT 3:	
Puget Constr. Co., Seattle.....	\$447,224
General Constr. Co. and Columbia Constr. Co., Seattle	460,470
Puget Sound Bridge and Dredging Co., Seattle	479,187
Bates and Rogers Constr. Corp., Chicago	493,465
UNIT 4:	
Puget Sound Bridge & Dredging Co., J. H. Pomeroy & Co., and Parker-Schram Co., Seattle	3,253,597
General Constr. Co., and Columbia Constr. Co., Seattle	3,493,015
Bates & Rogers Constr. Co., Chicago	3,602,695
UNIT 5:	
Puget Constr. Co., Seattle.....	465,147
General Constr. Co. and Columbia Constr. Co., Seattle	466,343
Puget Sound Bridge & Dredging Co. & Parker-Schram Co.	481,129
Bates & Rogers Constr. Co., Chicago	510,561
UNIT 9:	
Puget Constr. Co., Seattle.....	527,010
Puget Sound Bridge & Dredging Co., & Parker-Schram Co.	552,977
General Constr. Co., and Columbia Constr. Co.	567,545
Bates & Rogers Constr. Corp., Chicago	591,568

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

OXNARD, Ventura Co., Cal.—Until Jan. 4th, 2:30 P. M., (postponed from December 29), bids will be received by the Oxnard Harbor District, 514 South A. St., Oxnard, for the construction of works for harbor development at Point Huéneme, Ventura County, including 4,250,000 c.y. of material to be dredged and the construction of two rock mound jetties and rock revetment, involving approx. 171,900 short tons of stone. Specifications and drawings may be seen at the office of the Board of Harbor Commissioners, 514 South A. St., Oxnard, or at the office of Quilton, Code & Hill-Leeds & Barnard, Engineers, 905 Ed'ison Bldg., 601 W. 5th St., Los Angeles. Copies may be purchased for the sum of \$15, not returnable, except to those who submit bids. Bids must be submitted on forms provided by the district, and must be accompanied by a certified or cashier's check or bid bond for 10% of the bid. Eugene H. Agee, President; E. O. Green, Secy. The schedules and items are:

- SCHED. I**—Dredging
(1) 4,250,000 c.y. dredging;
SCHED. II—West Jetty
(2) 38,000 tons Class A stone;

- (3) 24,000 tons Class B stone;
- (4) 3,000 tons Class C stone;
- SCHED. III—East Jetty
- (5) 26,000 tons Class A stone;
- (6) 20,000 tons Class B stone;
- (7) 4,000 tons Class C stone;
- SCHED. IV—Concrete Foundation for Beacon Lights on Jetties
- (8) 80 c.y. reinf. concrete;
- SCHED. V—Revetment Work in Entrance Channel and Central Basin and Slip
- (9) 17,000 tons revetment stone at wharf;
- (10) 39,000 tons revetment stone at Central Basin and Entrance Channel. * 22

23— CANALS

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—T. C. Tunsen, Route 2, Box 856, Modesto, at \$8,427.85, awarded contract by the Modesto Irrigation District, C. S. Abbott, Secretary, Stanislaus County, for the construction of concrete lining, concrete pipe, and concrete structures, in the canals and service ditches of the Modesto Irrigation District.

Awarded contract approved by the PWA. * 23

December 28, 1938

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Harry Brown, Route 4, Box 155, Modesto, at \$15,266.50, awarded contract by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the construction of concrete lining, concrete pipe, and concrete structures, in the canals and service ditches of the Modesto Irrigation District.

Awarded contract approved by the PWA. * 23

25— MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Calif.—Bids for 6 service gates complete with gate frames, guides, elec. motor operated hoists, etc., for Prado Dam, Invit. 184, opened by U. S. Engineer, Los Angeles, were:

Phillips and Davies, Inc., \$9666.66 each; total \$58,000 shipped from Kenton, Ohio on govt. bill of lading.

Consolidated Steel Corp., \$12,190 each; total \$73,140; f.o.b. Prado Dam.

Hardie-Tynes Mfg. Co., \$12,467; each; total \$74,802 shipped from Birmingham Alabama, on govt. bill of lading; telegraphic modification, add \$210 each, total \$1260 for tests. * 25

CONTRACT AWARDED

COLORADO PROJECT, Colorado.—Koppers Co., Bartlett-Hayward Division, Baltimore, Md., at \$54,000.00, awarded contract by the U. S. Bureau of Reclamation, Denver, under Spec. No. 811, for furnishing and delivering two 102-in. ring-seal gates and two sets of conduit units for installation in the outlet works at the Green Mountain Dam, Colorado-Big Thompson Project, Colo.; for shipping point and/or Kremmling, Colo. Gates and conduit units will be installed by the Government. * 25

CONTRACT AWARDED

DESCHUTES PROJECT, Oregon.—Koppers Co., Bartlett-Hayward Division, Baltimore Md., at \$35,000.00, awarded contract by the U. S. Bureau of Reclamation, Denver, under Spec. No. 812, for furnishing and delivering two 96-inch ring-follower

gates and two sets of conduit units for installation in the outlet works at Wickiup Dam, Deschutes Proj., Oregon; for shipping point and/or Lapine, Ore. Gates and conduit units will be installed by the Government. * 25

CONTRACT AWARDED

LOS ANGELES, Cal.—Bethlehem Steel Corp., at \$1,814,493 (subject to PWA grant) awarded contract by Los Angeles Water & Power Commission for furnishing and delivering single circuit galv. steel transmission line towers, Spec. 2712, for the third circuit between Los Angeles and Boulder power plant. * 25

LOW BIDDERS

SAN BERNARDINO CO., Calif.—Low bids submitted to the State Highway Dept., San Bernardino, for the rental of misc. equipment for use in San Bernardino - Riverside counties for storm restoration work are:

1/2-Yd. Shovel with 3-Yd. Trucks—Five Required

Jesse H. Hubbs, San Bernardino—Shovel, \$2.57; standby time, \$1; transportation, \$10; Trucks, power loading, \$2.18; hand loading \$1.78; standby time, \$1.13; transportation, \$1.00.

Holly Truck Co., Bellflower—Shovel, operating time, \$2.89; standby time, 90c; transportation, \$15. Power loading truck, \$2.18; hand loading, \$1.78; standby time, 45c.

George Butler, San Bernardino—Shovel, \$3 and \$1; no charge for transportation. Trucks, \$2.18, \$1.78 and \$1.13. No charge for transportation.

P. E. Naylor, Pasadena—Shovels, \$3.94 and 75c; no charge for trans. Trucks, \$1.95 and \$1.60; no charge for standby and transportation.

One 90-h.p. Tractor with Bulldozer

Lee A. Phillips, Inc., Brentwood—Operating rental, \$6.17; standby, \$1.75 transportation, \$300.

One 46-h.p. Tractor with Bulldozer

Dean Fletcher, Wildomar—Operating time, \$3.25; standby, 75c; no charge for transportation.

Two 1/4-c.y. Shovels with 4-yd. Trucks

Triangle Rock & Gravel Co.—Operating time, \$6.25; no charge for standby; no charge for transportation. Trucks, \$2.50, power loading; \$2.10, hand loading; standby time, 50c; no charge for transportation.

Forty-six bids submitted were referred to the engineer for tabulation and recommendation. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for oil circuit breakers, Spec. 2783, were opened by Los Angeles Water and Power Purchasing Agent.

The items were:
(I) Four 287,500-volt, 1200-amp., 2-500,000 kva. interrupting capacity, 3 cycle interrupting time, 3 pole, single throw, automatic trip free, 250-volt DC operated, oil circuit breakers furnished complete with current transformers and oil:

- (a) fob cars bidder's factory, lump sum;
- (b) 2 circuit breakers, fob cars at Silver Lake, Calif., and 2 circuit breakers fob cars Victorville, all four circuit breakers for a lump sum;
- (II) Two 138,000-volt, 1200-amp., 60-cycle, 2,500,000 kva interrupting capacity, 3 cycle interrupting time, outdoor type, 3 pole, single throw, electrically operated, oil circuit breakers complete with oil:

- (a) fob cars bidder's factory, lump sum;
- (b) fob cars, Los Angeles, lump sum;
- (III) four 138,000 volt, 1200-amp., 60-cycle, 2,500,000 kva interrupting capacity, 5 cycle interrupting time outdoor type, floor mounted, 3 pole, single throw, electrically operated oil ckt. breakers:
- (a) fob cars bidder's factory, lump sum;
- (b) fob cars, Los Angeles, lump sum;

OPTIONS:

- (I) To purchase two additional volt breakers within 120 days after award:
- (a) fob cars bidder's factory;
- (b) fob cars Boulder City, Nev.;
- (II) To purchase one complete unit for spare unit at time of purchase:
- (a) and (b) fob cars Victorville.

Complete bids were:
(A) Westinghouse Elec. & Mfg. Co., factory at East Pittsburgh. For omission of oil duct \$16 gal. fob Silver Lake, Victorville, and Los Angeles: I (b) \$462,360; II (b) \$74,300; III (b) \$104,960; Option I (b) \$231,180; Option II (b) \$46,236; spare parts, (I) \$180; (III) \$520.

(B) Kelman Electric Mfg. Co., factory at Los Angeles. For omission of oil duct \$18 fob shipping point, and \$185 for Los Angeles: II (a) \$49,700; (b) \$49,700; III (a) \$78,088; (b) \$78,088; spare parts I, \$1,426; III \$1,426.

(C) General Electric Co., factory at Philadelphia. For omission of oil duct \$16 all points: I (a) \$383,000; II (a) \$60,200; (b) \$60,200; III (a) \$95,840; (b) \$95,840; Option I (a) \$191,000; (b) \$191,000; Option II (a) \$31,835; (b) \$31,835; spare parts I, \$650; III, \$440. * 25

BIDS OPENED

YAKIMA PROJECT, Wash.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1151-D, for furnishing and delivering an overflow gate for the fish ladder at the Roza diversion Dam, Roza division, Yakima project, Wash.; fob shipping point and/or Crownover, Wash. The overflow gate will be installed by the Government.

Total bids follow:
The Stearns Roger Mfg. Co., Denver, \$579.00 net; fob Denver.

John W. Beam, Denver, \$525.00; 1/2 of 1% 30 days; fob Peotone, Ill.
California Steel Products Co., San Francisco, \$488.00; 1/2 of 1% 30 days; fob San Francisco.

Sunmer Iron Wks, Everett, Wash., \$782.00; 2% 30 days; fob Everett.
Washington Iron Works, Seattle, \$1,025.00; 1/2 of 1% 30 days; fob Seattle.

Pacific Coast Engr. Co., Oakland, \$548.00; 1/2 of 1% 30 days; fob Oakland.

Ogden Iron Works Co., Ogden, Utah, \$682.77; 1% 30 days; fob Ogden.

Steel Construction Co., Portland, \$611.00; 1/2 of 1% 30 days; fob Portland.

Warden Allen Co., Milwaukee, \$693; 1/2 of 1% 30 days; fob Milwaukee.

Lincoln Steel Works, Lincoln, Neb., \$580.00; 1/2 of 1% 30 days; fob Lincoln.

Valley Iron Works, Yakima, Wash., \$485.00; 5% 30 days; fob Yakima.
Virginia Bridge Co., Roanoke, Va., \$740.00; net; fob Memphis, Tenn.

Hansell-Elecock Co., Chicago, \$985; 1/2 of 1% 30 days; fob Chicago.
Berkeley Steel Const. Co., Inc., Berkeley, \$625.00; 1/2 of 1% 30 days;

fob Berkeley.

Smith Corp., d/b/a General Iron & Steel Works, Portland, \$330.00; net; Portland.

Pacific Car & Foundry Co., Seattle, \$995; net; Renton, Wash.

Lakeside Bridge & Steel Co., Milwaukee, \$570.00; net; fob Milwaukee. 25

BIDS OPENED

SACRAMENTO, Calif.—Knox Hale Machinery Co., 235 Bay Shore Blvd., San Francisco, at \$4,186.49 submitted low bid to Sacramento City Council. H. G. Denton, City Clerk, for 1 street sweeper.

Edward R. Bacon Co., San Francisco at \$5,170, submitted second low bid. 25

BIDS OPENED

COLUMBIA BASIN PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1150-D, for furnishing and delivering four brail hoists and three elevator hoists for installation in fish traps for the control of migratory fish at the Rock Island Dam, Columbia Basin project, Wash.; fob shipping point and/or railroad destination. The hoists will be installed by the Government.

Total bids follow:

Link Belt Co., Pacific Division, San Francisco, \$9,416; net; fob San Francisco.

Superior Iron Works Co., Superior, Wis., \$7,814; net; fob Superior.

Ogden Iron Wks Co., Ogden, Utah, \$12,338; 1% 30 days; fob Ogden.

Footo Bros. Gear & Machine Corp., Chicago, \$8,250; net; fob Chicago.

Joshua Hendy Iron Works, San Francisco, \$10,260; net; fob Sunnyvale, Calif.

Puget Sound Machinery Depot, Seattle, \$6,915.72 net; fob Seattle.

Enterprise Foundry Co., San Francisco, \$8,941; net; fob San Francisco. 25

BIDS OPENED

COLUMBIA BASIN PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1149-D, for furnishing and delivering elevator towers, tank chutes, brail frames, trashrack metalwork, platform, walkways, and all other misc. metal work for installation in the three fish traps for the control of migratory fish at the Rock Island Dam, Columbia Basin project, Washington, f.o.b. shipping point and/or railroad destination. The materials will be installed by the Government.

Total bids follow:

The Stearns Roger Mfg. Co., Denver Colo., \$7,945.00; net, f.o.b. destination.

Worden Allen Co., Milwaukee, Wisc., \$10,050.00; net; f.o.b. Milwaukee.

Sylvester Sternberg, Inc., Brooklyn, N.Y., \$8,582.00; ½ of 1% 30 days; f.o.b. Brooklyn.

Berkeley Steel Constr. Co., Inc., Berkeley, Calif., \$8,465.00; ½ of 1% 30 days; f.o.b. Berkeley.

Virginia Bridge Co., Denver, Colo., \$10,618.00; net; f.o.b. Memphis, Tenn.

Lincoln Steel Works, Lincoln, Nebr., \$7,260.00; ¼ of 1% 30 days; f.o.b. Omaha, Nebr.

John W. Beam, Denver, Colo., \$7,350; ¼ of 1% 30 days; f.o.b. Peotone, Ill.

Milwaukee Bridge Co., Milwaukee, Wisc., \$8,825.00; net; f.o.b. Milwaukee.

Lakeside Bridge & Steel Co., Milwaukee, Wisc., \$9,223.00; net; f.o.b. Milwaukee.

Steel Construction Co., Portland, Ore.,

\$7,733.00; 1% 30 days; f.o.b. Portland.

Smith Corporation, d/b/a General Iron & Steel Works, Portland, Ore., \$6,738.00; net; f.o.b. Portland. 25

BIDS WANTED

INGLEWOOD, Los Angeles Co., Cal.—Until Jan. 3, 7:30 P. M., bids will be received by the Inglewood city council for furnishing pumping equipment for an 18-inch well, known as Well No. 22, located on the west side of Freeman Blvd. bet. Hillcrest Blvd. and Arbor Vitae St. Work includes furnishing and installing. Specifications may be obtained at the office of the city clerk, Otto H. Duellke. Certified or cashier's check or bidder's bond for 10% must accompany each proposal. Arthur W. Cory, city engineer. 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of ½ c-y.e. full revolving shovel, opened by State Highway Dept., Los Angeles were: (price per hour): Evercrombie & Hunter (Universal 1928 model; rebuilt 1938) \$9.99.

Wm. McCalmant, Hueneme (Lorain 1938), \$4.55.

W. M. Ward (Diesel Speeder 1936), \$4.70.

C. G. Payne Const. Co. (Pitt 1937), \$4.75.

T. A. White (Byers 62, 1938), \$4.924.

Ray Schweitzer (Lorain 1938), \$4.95.

A. A. Alexander (Bay City 1937), \$5.10.

H. K. Smith (Lorain 30, 1938), \$5.24.

Santo Tedesco (Bay City, 1938) \$5.50.

Harry A. Collingham (Unit Model of Emco), \$6.50.

J. L. Donovan (Bay City 1938), \$6.75.

T. H. Green (¾ Bucyrus-Erie, 1938), \$6.80.

R. E. Campbell (¾-yd. Koehring), \$6.88. 25

BIDS WANTED

PORTLAND, Ore.—As previously reported, until Jan. 12, 10:30 A. M., bids will be received by the Bonneville Project, 1300 NE Union, Portland, under Invit. No. 109, for 4,202,000 lb. of copper conductor, 250,000 cm., 240 connectors, 500 deadends, 2 complete sets of special portable equipment for installing connectors and dead-ends, for Vancouver-Engine, 115-kv transmission line (section from Salem to Eugene).

Plans and specifications may be obtained from the above office.

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6740: Pittsburg Bldg. Mat.: \$2.60; \$520; net; 200 bbls Portland cement.

BID No. 6734: Rhodes and Robinson: \$3000; net; \$0.75; 4000 tons crushed base.

BID No. 6730: Pac. States C. I. Pipe Co.: \$964.13; net; pipe, fittings, valves.

BID No. 6725: A. I. Mitchell: \$533.37; 2%—30; plumbing supplies.

BID No. 6724: San Joaquin Valley Pipe & Const.: \$300; 10%—30; concrete pipe.

BID No. 6722: Curran L. C.: \$407.87; 1%—20; \$0.6275; 650 sacks Portland cement.

BID No. 6720: Anchor Post Fence Co.: \$6940.75; net; chain link fence.

BID No. 6719: Jourdan Conc. Pipe Co.: \$2.10; \$200; net; concrete pipe.

BID No. 6712: San Jose Conc. Pipe Co.: \$2628; 5%—20; pipe.

BID No. 6491: J. D. Adams Co.: \$200; net; rental—carryall scraper. 27

BIDS OPENED

SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID No. 6709: (shovels; San Francisco or shipping point)

Baker, Hamilton & Pacific: \$10,368; \$9,828; 2%—30.

A. J. Glesener: \$11,230.92; \$10,790.90; 2%—30.

San Jose Hardware: \$11,178; \$10,314; 2%—30.

Union Hardware & Metals: no basic; Alt, \$9,536.40; 2%—30.

Dunham, Carrigan & Hayden: \$10,584; \$10,152; 2%—30.

Calif. Hardware Co.: \$11,556; \$11,124; 2%—30.

Gen. Mch'y. & Supply: no basic; \$10,797.84; 2%—30.

Gilmore Steel & Supply: \$11,016; \$10,152; 2%—30.

Sloss & Brittain: \$10,419.60; \$9,855.60; 2%—30.

A. Thompson-Diggs: \$11,448; \$11,113.20; 2%—30.

Associated Hardware & Supply: no total; 2%—20.

Marshall-Newall Supply: \$11,394; \$10,951.20; 2%—30.

BID No. 6724: (1,500 l.f. concrete pipe; Merced)

San Joaquin Pipe & Concrete: \$0.20; \$300; 10%—20.

J. W. Mumbert: \$0.28; \$490. 2%—30.

Reedley Concrete Pipe: \$0.25; \$375; net.

Jourdan Concrete Pipe: \$0.25; \$375; 10%—30.

United Concrete Pipe Corp.: \$0.22; \$330; 10%—20.

Diamond Match Co.: \$0.28; \$420; net.

Valley Concrete Pipe & Products: \$0.305; \$457.50; net.

BID No. 6725: (sinks, lavatories, etc; Fort Scott)

A. I. Mitchell: \$533.37; 2%—30.

Dunham, Carrigan & Hayden: \$541.02; 2%—30.

Danzel Co.: \$547.56; 2%—30.

Richmond Sanitary: P. E. O'Hair; Tey-Holbrook; Crane Co.; Olsen & Heffernan; United Pipe & Supply; Walworth-California; Oakland Sheet Metal Supply; &

Dallman Supply; same.

BID No. 6730: (pipe, etc.; Vallejo)

United Pipe & Foundry: \$931.85; net.

Pacific States C. I. Pipe Works: \$946.13; net.

Crane Co.: \$63.90; net.

BID No. 6733: (200 bbls. Portland Cement; Los Banos)

Wenrich L. C.: \$2.58; \$516; net.

Merced L. C.; Henry Cowell; Lumber & Supply of Los Banos;

Builders' L. C. of Los Banos; & Monolith Portland Cement Co.; same.

Yancey L. C.: \$2.68; \$536; net.

Modesto L. C.: \$2.60; \$520; net.

Patterson L. C.: \$2.68; \$536; 10c—10th prox.

BID No. 6735: 1.725 bbls. Portland cement; shipping point or Woodbridge)

Monolith Portland Cement: \$1,564; \$269.90; no alt.

Fred Spakerman: no basic; Alt: \$2.60; \$4485; net.
 Calaveras: \$1,881.86; \$3245.04585; alt.; \$2,223.86; \$3834.99585; net.
 F. E. Ferrell: \$2.60; \$4485 (alt.); net.
 Henry Cowell: \$2.60; net; alt.
 Valley L. C.: \$2.30; \$3967.50; alt: \$2.60; net.
 Elmer J. Warner: \$198; \$3415.50; alt: \$2.70; 10c-10th prox.
 J. W. Mumbert Co.: \$2.60; \$4485; \$2.30; \$3967.50; net.
 Yosemite Port. Cement: \$1,843.186; \$3179.49; no alt.; net.
 Santa Cruz Portland Cement: \$1-9761.86; \$3408.92085; no alt.; net.
 Pacific Portland Cement: \$1,843.186; \$3179.49; alt: \$2,223.186; \$3,834.39; net.
 Diamond Match Co.: \$2.30; \$3967.50; \$2.60; \$4485; net.
 BID NO. 6726: (tees, ells, galv. steel pipe; Fort Scott)
 Scott Mch'y Co.: \$1084.75; 2%-30.
 Oakland Sheet Metal Supply; Crane Co.; Dallman Supply; Richmond Sanitary; No. Calif. Hardware & Steel; Calif. Steam & Plumbing Service; Standard Supply; Walworth California; Tay-Holbrook; Steam & Plumb. Service; Dalziel Co.; Petroleum Equipment; Gilmore Steel and Supply; Olsen and Heffernan; Gen. Mch'y. & Equipment; Baker, Hamilton and Pacific; United Pipe and Supply; Federal Pipe and Supply; identical.
 A. I. Mitchell: \$969.93; 2%-20.
 E. E. Newhall: \$1040.04; 2%-30.
 Buckner Mfg.: \$210; (24-25); 5%-30.
 BID NO. 6734: (4,000 tons crusher run base; Sunnyvale)
 Rhodes and Robinson: \$3000; net; \$0.75.
 Granite Rock Co.: \$1.10; \$4,400; net.
 Central Supply: same.
 Urban Bros.: \$1.15; net; \$4600.
 Consumers Rock & Cement: \$1.70; \$6800; 10c-30.
 West Const. Co.: \$1.63; \$6520; net.
 Portola Truck Service: \$1.88; \$7520; 2%-30.
 Penninsula Bldg. Mat.: \$150; \$60000; 5%-10th prox.
 BID NO. 6755: (247 reflectors; San Francisco)
 Incandescent Supply: \$6.59; \$1627.73; 2%-30.
 C. H. Carter: \$6.82; \$1684.54; 2%-10th prox.
 Westinghouse Elec.: \$6.60; \$1630.20; 2%-10th prox.
 Elec. Corp.: \$7.25; \$1790.75; 2%-30.
 Graybar Elec.: \$7.62; \$1882.14; 2%-10th prox.
 Crescent Elec.: \$6.66; \$1645.02; 2%-20.
 General Electric Supply: \$6.83; \$1687.01; 2%-30.
 Coast Elec. Supply: \$6.57; \$1622.79; 2%-20.
 Grey Elec. Supply: \$7.62; \$1882.14; 2%-20.
 Lavenson and Savasta: \$6.61; \$1632.67; 2%-10.

CONTRACTS AWARDED
 SAN FRANCISCO—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA project.
 BID NO. 6689: M. Vonsen Co.: \$3.00; \$750; 10c bbl.-30; 250 bbls. Portland cement.
 BID NO. 6677: Gladding Bros.: \$614.04; 2% 30; clay pipe.
 BID NO. 6654: Knox L. C.: \$493.96; 2%-30; lumber.
 BID NO. 6646: Valley L. C.: \$3336.87; 2%-10th prox.; lumber.

BID NO. 6635: James L. Hall: \$1248; net; piles.
 BID NO. 6681: Fred Pimentel: \$3.50; net; rental of tractor.
 BID NO. 6475: Rock and Gravel Trucking Co.: \$44; 2%-30; rental of truck.

BIDS OPENED
 SAN FRANCISCO, Cal.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6721: (1,741 sacks Portland cement; Taft)
 Bakersfield Bldg. Mat.: \$0.615; \$1070.72; net.
 Hayward Lumber & Investment; Curran L. C.; Monolith Portland Cement; Bakersfield Rock and Gravel; King L. C.: identical.
 Taft L. C.: \$0.64; \$114.24; 2½c-10th prox.
 BID NO. 6722: (650 sacks Portland cement; McFarland)
 King L. C.: \$407.87; net.
 Curran L. C.; Hayward Lumber & Investment; Bakersfield Bldg. Materials; Bakersfield Rock and Gravel; and Monolith Portland Cement; identical.
 BID NO. 6723: (5000 sacks plastic cement; shipping point)
 Riverside Cement Co.: \$1.45; \$1812.50; net.
 Henry Cowell: \$0.45; \$225.00; net.
 Yosemite Portland Cement: \$0.444031; \$2220.15; net.
 Santa Cruz Portland Cement: \$1.551316; \$1939.145 (Davenport) net; \$1,662.124; \$2077.655; (Stockton) net.
 Pacific Portland Cement: \$0.3870-31; \$1935.15; net.
 Monolith Portland Cement: \$0.4545; \$2272.50; net.
 BID NO. 6720: (chain link fence; San Francisco).
 Anchor Post Fence Co.: \$6940.75; net.
 Wickwire Spencer Steel: \$7289; net.
 Standard Fence Co.: \$7185.40; net.
 BID NO. 6719: (1000 l.f. reinf. conc. pipe; Fresno)
 Jourdan Conc. Pipe: \$2.10; \$2100; net.
 Stroud-Seabrook: \$2.90; \$2900; 5%-30.
 Pollard Bros.: \$2.25; \$2250.

BIDS WANTED
 SAN FRANCISCO—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., (Room 518), San Francisco, for the rental of equipment and the furnishing of supplies and materials, as follows:
 JANUARY 5, 10:00 A.M.
 BID NO. 6773: rental of one tractor, to be not less than 25 H.P. S.A.E. equipped with rocker type dump body of one cu. yd. capacity; f.o.b. Fort Baker, Marin Co.
 JANUARY 17, 10:00 A.M.
 BID NO. 6767: one each, power, pressure, and shower unit trailers; f.o.b. Visalia.

CONTRACTS AWARDED
 SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6694: Union Supply Co.: \$2.60; \$520; net; 200 bbls. Portland cement.
 BID NO. 6688: Wickwire - Spencer Steel: \$836; net; fence.
 BID NO. 6616: Monarch Iron Works: \$3380; ¼ of 1% 30; metal door and trim.

BID NO. 6663: C. W. Marwedel: \$543.25; 2% 30; stainless steel.
 BID NO. 6729: S. P. Terrazzo Co.: \$39.30; net; grinding machine rental.
 BID NO. 6718: Southern Pipe & Casing: \$1950; net; \$1.95; steel pipe.
 BID NO. 6717: Southern Pipe & Casing: \$4622; net; steel pipe.
 BID NO. 6715: Smith L. C.: \$493.70; 2% 10th prox.; lumber.
 BID NO. 6710: Loop L. C.: \$338.95; 2% 30; lumber.
 BID NO. 6705: Diamond Match Co.: \$808.04; 2% 30; lumber.
 BID NO. 6699: Golden West Quarry: \$120; 2% 30; rock dust; John Cassaretto: \$1.65; 2% 30; crushed rock; Consumers Rock & Cement: \$1.90; 2% 30; rock chips.
 BID NO. 6698: Pacific Coast Aggregates: \$1785; \$1.05; 10c 10th prox. road rock.
 BID NO. 6697: Perkins: \$1196; 10c 10th prox.; \$0.92; cementing road rock.
 BID NO. 6696: A. A. McMahon: \$609; net; \$1.20; gravel.
 BID NO. 6695: Lee J. Imhoff: \$1407.12; stone and rock.
 BID NO. 6693: Henry Cowell: \$780; \$0.65; net; 1200 sacks of Portland cement.
 BID NO. 6690: Friend and Terry: \$1137.50; \$0.65; net; 1750 sacks Portland cement.
 BID NO. 6684: Lavenson & Savasta: \$2048.09; 5% 10th prox.; electric supplies.
 BID NO. 6682: Western Pipe & Steel: \$1844.26; ½ of 1% 20; culvert.
 BID NO. 6681: Calif. Corru. Culvert: \$1771.51; ½ of 1% 20; culvert.
 BID NO. 6680: Calif. Corru. Culvert: \$1688.08; ½ of 1% 20; culvert.
 BID NO. 6679: Valley Conc. Pipe: \$844.50; 2% 20; pipe.
 BID NO. 6670: Coast Electric: \$870.48; various disc; elec. supplies.
 BID NO. 6667: Wenrick L. C.: \$1-435.20; net; \$2.40; 598 bbls. Portland cement.

BIDS OPENED
 SAN FRANCISCO—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6749: (misc. pipe; Mojave)
 P. E. O'Hair: \$324.18; 2%-30.
 A. I. Mitchell: \$364.27; 2%-30.
 Gundlach Plumbing and Sheet Metal: \$409.65; 2%-20.
 Calif. Steam and Plumb.: \$416.30; 20%-30.
 Federal Pipe & Supply: \$399.80; 2%-30.
 Bakersfield Pipe and Supply: \$385.30; 2%-20.
 Richmond Sanitary: \$368.36; 2%-30.
 Grinnell Co.: \$392.70; 2%-30.
 BID NO. 6751: (redwood, douglas fir; Visalia)
 Loop L. C.: \$563; 2%-30.
 Rolando L. C.: \$600; 2%-30.
 Smith L. C.: \$612.20; 2%-10th prox.
 W. R. Spaulding L. C.: \$709.22; net.
 BID NO. 6752: (misc. lumber; San Francisco)
 Smith L. C.: \$435.25; 2%-10th prox.
 Loop L. C.: \$477.50; 2%-30.
 Van Arsdale Harris: \$444; 2%-30.
 Christensen L. C.: \$500; 2%-30.
 Rolando L. C.: \$446.75; 2%-30.
 BID NO. 6756: (rental—2½ yd. dump truck; Bakersfield)
 Alden E. Brown, Exeter: \$137.45 per mo.; net.
 Sam E. Bonsangue: \$165; 1%-30; 3½c-20.
 BID NO. 7653: (225 c.y. concrete sand; Santa Clara)
 Central Supply: \$326.25; \$1.45; net.

Borchers Bros.: \$1.75; \$393.75; 10c yd.-30.
 Urban Bros.: \$2.50; net; \$562.50.
 BID NO. 6754: (500 tons crushed rock; San Francisco)
 G. Mazzera: \$1.45; \$725; 2%.-30.
 Bode Gravel: \$1.95; \$975; 2%.-30.
 Golden Gate Atlas: \$1.85; \$925; 2%.-30.
 Consumers Rock and Cement: \$1.90; \$950; 10c ton-30.
 Readymix Conc.: \$1000; \$2.00; 2%.-30.
 John Cassaretto: \$1.79; \$895; 2%.-30.

December 29, 1938

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, for furnishing materials and supplies, as follows:

JANUARY 4, 10 A. M.:
 BID NO. 6776: Base and cover course aggregates; fob Winters.
 BID NO. 6777: liquid asphalt; fob Winters.
 JANUARY 5, 10 A. M.:
 BID NO. 6778: concrete irrigation pipe; fob Modesto.
 BID NO. 6779: 500 sacks of Portland cement; fob Oroville.
 BID NO. 6780: 200 c.y. creek run gravel; fob Concord.
 BID NO. 6792: 500 c.y. creek run gravel; fob Martinez. * 27

29—STREETS AND HIGHWAYS

BIDS OPENED

SAN FRANCISCO.—West Const. Co., 1129 Irving St., San Francisco, at \$1,294 submitted low bid to the Department of Public Works, Room 251, City Hall, for the improvement of portions of the southerly one-half of Lawton St. between 37th and 38th Avenues.

The work involves:
 (1) 3,000 sq. ft. asph. conc. rock sub-base pavement;
 (2) 120 lf. unarmored concrete curb;
 (3) 100 lf. 6-inch pipe sewer;
 (4) 4 water services.

Total bids follow:

(A) West Construction Co.....	\$1,294
(B) Eaton & Smith.....	1,640

Unit prices follow:

	(A)	(B)
(1).....	\$.33	\$.43
(2).....	.95	1.00
(3).....	1.50	1.50
(4).....	10.00	20.00

29

CONTRACT AWARDED

SEATTLE. Kings Co., Wash.—Northwest Constr. Co., 3950 6th St., N.W., Seattle, at \$74,610, awarded contract by the City Engineer Chas. Wartelle, Seattle, for the improvement of E. Madison from 18th Ave. to Lake Washington. Work involves replacing worn asphalt surf with new asphalt, surfacing stone-block section with concrete on present base involving about 16,100 sq. yds. concrete paving and 21,000 sq. yds. asphalt surfacing.
 Other bidders: Florito Bros., \$77,568; L. J. Dowell, \$78,283; Toney Romano, \$80,431; J. B. Covello, \$90,431; L. Romano Engineering Corp., \$89,108. 29

BLUE PRINTS AVAILABLE

SACRAMENTO. Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento Jan. 11, and in Los Angeles Jan. 12:

II-Sis-46-C, bet. 1/2 mile east of Hamburg and Scott River; bids to be opened in Sacramento: PLANS (No. sheets) 5; (Cost) \$0.50; CROSS-SECTIONS (No. Sheets) 36; (Cost) \$3.60; (Total) \$4.10.

VII-LA-4-LA, bet. North Main St. and Lincoln Road; bids to be opened in Los Angeles: PLANS (No. of sheets) 23; (Cost) \$2.30; CROSS-SECTIONS (No. of sheets) 10; (Cost) \$1.00; (Total) \$3.30.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Bldg. 1499, Sacramento. * 29

BIDS OPENED

FREDONIA. Cocoino Co., Ariz.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$194,075.93 submitted low bid to Arizona State Highway Commission, Phoenix, for improvement of the Flagstaff-Fredonia Highway FL 9-A (1), FA 132-B (1) (1939) AFE 8903. The work, which extends from the town of Fredonia southeast for about 14 1/2 miles, consists of grading and draining and is to be completed on or before Oct. 15, 1939.

Total bids follow:

Oswald Bros., Los Angeles, \$194,075.93	Tanner Construction Co., Phoenix, Ariz.	196,714.85
Warren Southwest, Inc., Los Angeles		197,808.35
Lee Moor Construction Co., El Paso, Texas		198,770.26
Skousen Bros., Albuquerque, New Mexico		205,815.93
Strong & Grant, Springville, Utah		214,348.29
Heuser & Garnett, Glendale		218,306.36
Pearson & Dickerson Constrs., Inc., Prescott, Ariz.		218,379.22
W. W. Clyde & Co., Springville, Utah		233,755.61
W. E. Hall Const. Co., Phoenix, Ariz.		239,778.35
L. R. Allison, Albuquerque, New Mexico		457,689.29

* 29

COMPLETE BIDS

STATE OF OREGON.—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction as follows:

(8) **Deschutes County:** Sisters Section on highway in vicinity of Sisters and Horse Ridge—Brothers Section of Central Oregon Highway, PWA Docket 1375-F Units B and F, involving furnishing and stockpiling about 19,300 c.y. crushed gravel.
 Contract Awarded: Chester T. Lacre, Ontario, \$23,134.
 Other Bidders: A. S. Wallace, Roseburg, \$24,642; Babler Bros., Portland, \$25,332; Mountain State Const. Co., Eugene, \$25,460; Saxton, Looney and Risley, Oak Grove, \$26,248; Rogers Const. Co., Dayton, Wash., \$28,560; Homer G. Johnson, Portland, \$36,125; A. Milne, Portland, \$39,175.
 (9) **Lake County:** Lakeview Section of Fremont and Klamath Falls-Lakeview Highways, PWA Docket 1375-F, Unit A, involving furnishing and stockpiling about 9900 c.y. cr. rock.
 Contract Awarded: Saxton, Looney & Risley, Oak Grove, \$35,226.
 Other Bidders: A. S. Wallace, Roseburg, \$36,464; R. O. Dail & Warren Bros., Aberdeen, \$35,794; A. Milne, Portland, \$45,789; Joplin & Eldon, Portland, \$46,268; Homer G. Johnson \$47,264.

(10) **Lane County:** Greenleaf-

Cheshire Section of Sluslaw Highway, PWA Docket 1374-F, Unit C, involving furnishing and stockpiling about 10,500 c.y. crushed rock or crushed gravel.

Contract Awarded: Eugene Sand & Gravel Co., Eugene, \$23,787.

Other Bidder: Homer G. Johnson, \$28,755.

(11) **Malheur County:** Juntura-Cairo Section of Central Oregon and John Day Highways, PWA Docket 1373-F, Unit E, involving oiling about 34.52 miles of highway road-bed and furnishing and stockpiling about 16,500 c.y. crushed rock or crushed gravel.

Contract Awarded: Chester T. Lacre, Ontario, \$53,506.

Other Bidders: Norris Bros., Burlington, \$54,295; Diesel Oil Sales Co., Seattle, \$55,100; Babler Bros., \$57,990; R. O. Dail & Warren Bros., \$59,619; E. C. Gerber, Oregon City, \$60,856; J. C. Compton, McMinnville and Rogers Const. Co., Dayton, Wash., \$63,182; Quinn Robbins Co., Boise, \$63,500; E. C. Hall, Eugene, \$64,611; Joplin and Eldon, \$64,804; Triangle Const. Co., Boise, \$66,694; Warren Northwest, Inc., Portland, \$71,766.

(12) **Marion County:** Shaw Junction-Gates Project on Silver Creek Falls and North Santiam Highways, PWA Docket 1372-F, Unit D, involving about 72000 c.y. roadbed excavation, production of about 12,800 c.y. crushed rock or crushed gravel, furnishing and placing 290 tons of bit. cement.

Contract Awarded: E. C. Gerber, Oregon City, \$32,574.

Other Bidders: R. O. Dail & Warren Bros., \$38,316; Babler Brothers, \$39,733; Harold Blake, \$40,409; A. Milne, \$40,777.

(13) **Morrow and Umatilla Counties:** Gilliam county line-Ione and Hermiston Projects on Oregon-Wahjion Highway, PWA Docket 1373-F, Units A and C, involving furnishing and stockpiling 12,200 c.y. cr. rock.

Contract Awarded: Clifton Applegate, Spokane, \$20,161.

Other Bidders: A. S. Wallace, Roseburg, \$20,899; Saxton, Looney & Risley, \$21,453; Jones-Scott, Walla Walla, \$23,011; Rogers Const. Co., Dayton, Wash., \$24,010; R. O. Dail and Warren Bros., \$24,836; Homer G. Johnson, \$23,181.

(14) **Wheeler and Grant Counties:** Butte Creek Summit-Branson Creek and Flat Creek-John Day Sections of John Day highway, PWA Docket 1373-F, Units B and D, involving furnishing and stockpiling about 11,000 c.y. crushed rock.

Contract Awarded: Saxton, Looney and Risley, Oak Grove, \$16,986.

Other Bidders: E. C. Hall, Eugene, \$17,340; Homer Johnson, \$22,285. 29

BIDS OPENED

YERBA BUENA SHOALS.—D. W. Nicholson, 357 12th St., Oakland, at \$10,560, submitted low bid to the Department of Public Works, at the office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, for paving of paths and other areas on the Yerba Buena Shoals.

Total bids follow:

D. W. Nicholson, Oakland.....	\$10,560
Eaton & Smith, San Francisco.....	10,800
Chas. L. Harney, San Francisco.....	\$15,120

* 29

CONTRACT AWARDED

YERBA BUENA SHOALS.—D. W. Nicholson, 357 12th St., Oakland, at \$10,560 awarded contract by the Department of Public Works, at the Office of the California Commission for the Golden Gate International Exposition, Room 411, Pacific Mutual Life Insurance Bldg., 660 Market St., San Francisco, for paving of paths and other areas on the Yerba Buena Shoals. * 29

COMPLETE BIDS

STATE OF OREGON.—Bids were received and contracts awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction as follows:

Baker County: Grant county line-Unit Section of John Day Highway, PWA Docket 1373-F, Unit F, involving surfacing and oiling about 10.63 miles of highway roadbed.

Contract Awarded: Babler Bros., Portland, \$46,538.

Other Bidders: E. C. Gerber, Oregon City, \$17,538; Saxton, Looney & Risley, Oak Grove, \$51,556; E. H. Itchner, Molalla, \$54,159; Materne Bros., Spokane, \$54,986; A. Milne, Portland, \$56,913; Homer G. Johnson, Portland, \$59,569; R. O. Dail & Warren Bros., Aberdeen, Wash., \$59,708; Joplin & Eldon, Portland, \$61,143; Warren Northwest, Inc., Portland, \$61,948; Quinn Robbins Company, Boise, \$67,978.

Coos County: Coquille Section of Oregon Coast and Coos Bay-Roseburg Highways, PWA Docket 1374-F, Unit A, involving furnishing and stockpiling about 7400 c.y. crushed rock or crushed gravel.

Contract Awarded: O. C. Yocum, Willamina, \$17,892.

Other Bidders: A. S. Wallace, Roseburg, \$19,610; McGeorge Gravel Co., Marshfield, \$19,755; R. O. Dail and Warren Bros., \$22,194.

Wood River County: Polallie Creek-Hood River Section of Mount Hood Highway, PWA Docket 1375-F, Unit C, involving furnishing and stockpiling about 6000 c.y. crushed rock.

Low Bidder: Saxton, Looney and Risley, Oak Grove, \$13,600. Bids rejected.

Other Bidders: Schmeer, Williams and Gentemann, Portland, \$15,150; Homer G. Johnson, \$15,500; R. O. Dail & Warren Bros., \$16,200.

Klamath County: Crescent-Beaver Marsh Section of The Dalles-Calfornia Highway, PWA Docket 1375-F, Unit F, involving furnishing and stockpiling about 7000 c.y. crushed rock.

Contract Awarded: Fisher Bros., Oregon City, \$13,800.

Other Bidders: Rogers Const. Co., Dayton, Wash., \$16,900; A. S. Wallace, Roseburg, \$17,450.

Klamath and Lake Cos.: Devil's Garden-Quartz Mountain Section of Klamath Falls-Lakeview Highway, PWA Docket 1404-F, involving about 12,700 c.y. excavation, 42,200 c.y. of crushed rock materials and 728 tons of asphaltic road oil.

Contract Awarded: J. C. Compton and Rogers Const. Co., McMinnville, \$79,331.

Other Bidders: Babler Bros., \$89,734; McMill Bros., Eugene, \$89,775; Roy L. Hock, Salem, \$92,720; E. C. Hall, Eugene, \$96,626; C. A. Dunn, Klamath Falls, \$98,897; A. Milne, Portland, \$102,334; A. C. Greenwood, Portland, \$104,425; Homer G. Johnson, \$104,502; Joplin & Eldon, \$109,992.

Lake County: Horse Ranch-Che-wacan Narrows Section of Fremont Highway, PWA Docket 1375-F, involving furnishing and stockpiling about 10,500 c.y. of crushed gravel.

Contract Awarded: Schmeer, Wil-

liams & Gentemann, Portland, \$12,486.00.

Other Bidders: Saxton, Looney & Risley, Oak Grove, \$14,891; Homer G. Johnson, \$19,600; R. O. Dail and Warren Bros., \$21,066.

Lane County: Rough Creek-Belknop Springs Section of McKenzie Highway, PWA Docket 1374-F, Unit B, involving furnishing and stockpiling about 9100 c.y. crushed gravel.

Contract Awarded: Mtn. States Const. Co., Eugene, \$14,982.

Other Bidders: A. S. Wallace, Roseburg, \$15,030; Saxton, Looney & Risley, Roseburg, \$15,802; R. O. Dail & Warren Bros., \$19,247; Homer G. Johnson, \$21,965. 29

CONTRACT AWARDED

SIERRA and Nevada Cos., Cal.—Fredericksen and Westbrook, P. O. Box 138, Lower Lake, at \$14,977.15 awarded contract by the U. S. Bureau of Public Works, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for constructing road mix surface course on 7.943 miles of Sections B and C, Route 22, Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Cos. * 29

BIDS OPENED

LOS ANGELES, Calif.—Clyde W. Wood, 208 W. 8th St., at \$36,214 submitted low bid to Los Angeles board of public works for grading and improving Cahuenga Blvd. (east roadway), bet. Barham Blvd and Highland Ave., PWA Project 1708-F, Unit 12, Contract 1. The work involves:

- (1) lump sum grading (130,345 cu. yds. cut, 2318 cu. yds. fill);
- (2) 83 lin. ft. laminated wooden guard rail.

The complete bids were:

Clyde W. Wood, Los Angeles, (1) \$35,950; (2) \$3.00; total \$36,214.00.
S. Edmondson & Sons, Los Angeles, (1) \$56,000; (2) \$3.00; total, \$56,264.00.

Parish Bros., Oakland, (1) \$63,790; (2) \$2.00; total, \$63,966.00.

Lewis Constr. Co., Los Angeles, (1) \$69,804; (2) \$2.00; total \$69,980.37.

J. E. Haddock, Ltd., Pasadena, (1) \$77,000; (2) \$1.25; total, \$77,110.

Claude Fisher Co., Los Angeles, (1) \$77,500; (2) \$1.00; total \$77,588.00.

Griffith Co., Los Angeles, (1) \$78,650; (2) \$2.00; total, \$78,826.00.

R. E. Campbell, Los Angeles, (1) \$79,645; (2) \$1.40; total \$79,768.20.

Ralph O. Dixon, Los Angeles, (1) \$80,814; (2) \$1.50; total \$80,845.90.

Geo. J. Bock Co., Los Angeles, (1) \$101,400; (2) \$1.25; total, \$101,510.00.

The bids of W. E. Hall Co., R. L. Oakley, United Concrete Pipe Corp. and C G Willis & Sons were not declared, being unaccompanied by affidavits of non-collusion. * 29

30—RESERVOIRS & DAMS**LOW BIDDERS**

CORVALLIS, Benton Co., Oregon.—Empire Construction Co., per Robert A. Bitar, Portland, at \$148,880, (Sch. A—cast iron pipe) and \$119,052 (Sch. B—steel pipe) submitted low bid to the Corvallis Water Commission, W. F. Groves, Clerk, Corvallis, Benton Co., under PWA Docket 1370, for furnishing material and building pipe line from Rock Creek to Baldy Butte Reservoirs, consisting mainly of about 21,000 ft. of 20-in. pipe and 21,000 ft. of 16 inch pipe. Alts. on cast iron and welded steel pipe. * 30

LOW BIDDERS

LOS ANGELES, Cal.—Daley Corporation, 4430 Boundary St., San Diego, at \$484,258.50, submitted low bid to the Metropolitan Water District, 506 W. 3rd St., Los Angeles, for the construction of the Falos Verde Reservoir and appurtenant works of the Colorado River Aqueduct distribution system; Spec. 288. W. E. Hall Company, Alhambra, at \$588,960, submitted the second low bid.

Complete bids will be published shortly. * 30

31—PIPE LINES & WELLS**BIDS OPENED**

LOS ANGELES COUNTY, Calif.—Following submitted bids to Metropolitan Water District, 206 W. Third St., Los Angeles, for the construction of precast concrete or welded steel-plate pipe lines and appurtenant works for the Long Beach, Torrance and Compton laterals of the Colorado River Aqueduct distribution system; Spec. 293. The work is located in the City of Los Angeles, and in unincorporated territory of the County of Los Angeles. Proposals were received for two alternative types of pipe line construction. The lengths, diameters, and types of pipe required for the respective schedules are as follows:

(P) Lock-joint steel cylinder reinforced precast concrete pipe; Sch. 26: 4.7 miles of 36-in. pipe; Sch. 27: 1.2 miles of 30-in. pipe; Sch. 28: 1.3 miles of 21-in. pipe.

(SC) Welded steel-plate pipe with gunite exterior coating and centrifugally applied (spun) mortar lining; Sch. 26, 4.7 miles of 37-in. pipe; Sch. 27: 1.2 miles of 3-in. pipe; Sch. 28: 1.3 miles of 22-in. pipe.

Bids were:
Western Pipe & Steel Co. of Calif., Los Angeles; Sch. 26SC: \$260,336.70; Sch. 27SC: \$58,073.80; Sch. 28SC: \$47,906.20; total Sched. SC, \$366,316.70.

United Concrete Pipe Corp., Los Angeles; Sch. 26P: \$260,175.40; Sch. 26SC: \$295,081.55; Sch. 27P: \$62,006.75; Sch. 27SC: \$63,293.10; Sch. 28P: \$52,746.40; Sch. 28SC: \$55,731.80; total Sch. P: \$374,928.55; total Sch. SC, \$414,096.45. Stipulation: will accept only 26P, 27P, and 28P together, or 26SC, 27SC and 28SC together.

The Southwest Welding & Mfg. Co., Alhambra, Sch. 26SC \$279,713.50; Sch. 27SC, \$60,224.50; Sch. 28SC, \$49,966; total Sch. SC, \$359,904. Stipulation: will accept all or none.

American Concrete & Steel Pipe Co., Southgate; Sch. 26P: \$300,782; Sch. 27P: \$66,314.25; Sch. 28P: \$51,535; total Sch. P, \$418,659.25. Stipulation: will accept all three schedules, or will accept Sch. 26P alone, and will not accept Sch. 27P and 28P without 26P.

Consolidated Steel Corp., Ltd., Los Angeles; Sch. 26SC, \$302,077.50; Sch. 27SC, \$72,278.50; Sch. 28SC, \$62,215; total Sch. SC, \$436,571. Stipulation: if awarded all three schedules, deduct 26c per l.f. on Items 15A, 16A, and 17A.

Complete bids will be published shortly. * 31

BIDS OPENED

CORVALLIS, Benton Co., Oregon.—Empire Construction Co., per Robert A. Bitar, Portland, at \$148,880.00 (Sch. A—cast iron pipe), and \$119,052.00 (Sch. B—steel pipe) submitted low bid to the Corvallis Water Commission, W. F. Groves, Clerk, Corvallis, under PWA Docket 1370, for furnishing material and building pipe line from Rock Creek to Baldy Butte

Reservoirs, consisting mainly of about 21,000 ft. of 20-in. pipe and 21,000 ft. of 16-in. pipe. Alternates on cast iron and welded steel pipe.

Other Bidders: (1st figure for cast iron, 2nd figure for steel): A. E. Downer, Oakland, Calif., \$164,565; none; Acme Const. Co., Seattle, \$164,880, \$158,730; Eugene Ruedy, Portland, \$171,025, \$130,957; Williams and van Valkenburgh, Los Angeles, \$157,905, \$131,146; Steel Tank and Pipe Co. of Oregon, Portland, none, \$145,772; Kuckenbergs Const. Co., Portland, \$165,525, \$141,280; Parker-Schram Co., Portland, \$193,390, \$141,170; Jacobsen-Jensen Co., Portland none, \$154,000; C. A. Dunn, Klamath Falls, \$154,720; F. C. Dillard, Medford, \$163,400, \$125,975. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS STILL UNDER ADVISEMENT

SAN LEANDRO, Alameda Co., Cal.—Bids submitted to the San Leandro City Council for the construction of sewage pumping and treatment work are still being held under advisement. No action was taken at the last meeting of the City Council. 32

LOW BIDDER

SILVERTON, Marion Co., Ore.—Kuckenbergs Const. Co., 11104 NE Holman, Portland, at \$34,247 submitted low bid to Geo. W. Hubbs, City Recorder, Silverton, under PWA Docket 1334, for sewage treatment plant-outfall sewer and interconnections. 32

CONTRACT AWARDED

OAKLAND, Calif.—Granfield, Farrar & Carlin, San Francisco, at \$48,662.50, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of Skyline Blvd. and Grass Valley Road, Oakland. 32

CONTRACT AWARDED

SACRAMENTO, Calif.—A. E. Downer, 2349 Humboldt Ave., Oakland, at \$6,300, submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the construction of additional storm sewers, Sections 1 to 3, inclusive, located at Sacramento.

Total bids follow:

A. E. Downer, Oakland	\$6,300
Holdener Const. Co., Sacramento	8,475
San Francisco	8,780
J. W. Terrell, Sacramento	8,890

CONTRACT AWARDED

SACRAMENTO, Cal.—Union Paving Co., 212 Babcock Building, San Francisco, at \$1,290, submitted low bid and was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, for the construction of "E" St. and McKinley Blvd. Sewers, located at Sacramento.

Total bids follow:

Union Paving Co., S. F.	\$1,290.
A. E. Downer, Oakland	\$86,784.
Artukovich Bros., Hynes	\$88,000.
A. Telcher & Son, Inc., Sacramento	\$89,500.
Bebek & Brkich, L. A.	\$91,700.

MARIPOSA CO—SURFACING—(GOV'T)

MARIPOSA COUNTY, Cal.—Louis Biasotti & Son (Stockton), and Claude C. Wood (Lodi), & Frank B. Marks & Sons (Newman) at \$148,212.50, submitted low bid to the United States Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surfacing on 11.435 miles of the Waxona Road (Sections A1, B1, B2, B3 of Route 2), Yosemite National Park, Mariposa Co.

- Work involves:
- (1) 4,500 c.y. unclass. excav.;
 - (2) 20,000 sta. yds. overhaul;
 - (3) 11.435 miles fine grading, sub-grade and shoulders;
 - (4) 1,300 M. gals. watering;
 - (5) lump sum water plant or plants for project;
 - (6) 32,100 tons crushed rock base course;
 - (7) 300 tons cutback asphalt (Type MC-2) for prime coat;
 - (8) 14,400 tons Class F-2 open graded plant mixture;
 - (9) 625 tons 90-95 liquid asph. for

- Class F-2 plant mixture;
- (10) 1,100 tons Class F-2 choker aggregate;
- (11) 1,100 tons Class F-2 cover aggregate;
- (12) 240 tons emulsified asphalt for Class F-2 seal;
- (13) 15 tons cutback asphalt (Type MC-2) for seal coat on gutters, shoulders and dikes;
- (14) force account one-way traffic control, and sanding asphaltic material.

- Total bids follow:
- (A) Louis Biasotti & Son & Claude C. Wood & Frank B. Marks & Sons, \$148,212.50.
 - (B) Mountain Const. Co., Sacramento, \$153,075.75.
 - (C) Heafey-Moore Co., & Fredrickson & Watson Const. Co., Oakland, \$154,934.50.
 - (D) Triangle Rock & Gravel Co., & Ralph A. Bell, San Francisco, \$157,396.00.
 - (E) Isbell Const. Co., Reno, Nevada, \$199,237.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$.50	\$.40	\$ 1.25	\$.50	\$ 1.25
(2)	.04	.01	.025	.03	.02
(3)	500.00	650.00	700.00	600.00	1000.00
(4)	1.50	2.00	1.60	3.00	2.00
(5)	500.00	300.00	700.00	3000.00	650.00
(6)	2.00	2.05	2.00	2.00	2.70
(7)	18.00	22.50	23.00	18.00	16.80
(8)	2.95	2.85	2.70	2.90	3.95
(9)	14.00	15.00	20.00	17.00	16.10
(10)	3.00	3.00	3.25	4.00	5.00
(11)	3.00	4.00	3.25	4.00	5.00
(12)	27.50	30.00	23.00	30.00	25.00
(13)	21.00	25.00	20.00	20.00	25.00
(14)	2500.00	2500.00	2500.00	2500.00	2500.00

SAN BERNARDINO CO—GRAD. & SURF.—(STATE)

SAN BERNARDINO COUNTY, Calif.—W. E. Hall Co., 1025 Westminster Ave., Alhambra, at \$149,510.95 (Alt. A) and Geo. Herz & Co., P. O. Box 191, San Bernardino, at \$149,912.80 (Alt. B) submitted low bids to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant mix surface about 2.4 miles between Devore and Camp Cajon (VIII-SBD-31-B), San Bernardino County.

- Work involves:
- (1) 130 sta. clear and grub;
 - (2) 3,241 M. gals. water;
 - (3) 1,565 c.y. remove concrete;
 - (4) 146,000 c.y. rdwy. excav., unclassified;
 - (5) 6,110 c.y. struc. excav.;
 - (6) 4,900,000 sta. yds. overhaul;
 - (7) 620 c.y. salvage surf.;
 - (8) 130 sta. finish rdwy.;
 - (9) 525 tons liquid asph. SC-4 plant mix surf.;
 - (10) 10,500 tons min. agg. plant mix surf.;
 - (11) 26 tons liquid asph. 90-95 seal coat;
 - (12) 268 tons screen seal coat;
 - (13) 220 tons sand seal coat;
 - (14) 60 tons liquid asph. SC-2 detours;
 - (15) 5,000 sq. yds. prepare, mix and shape detours;
 - (16) 148 c.y. Class A Portland cement conc. struc.;
 - (17) 11,800 lbs. bar reinf. steel;
 - (18) 120 c.y. rubble masonry;
 - (19) 450 c.y. riprap;
 - (20) 64 lf. 8-in. CMP;
 - (21) 130 lf. 24-in. CMP;
 - (22) 348 lf. 36-in. CMP;
 - (23) 460 lf. 48-in. CMP;
 - (24) 164 lf. 60-in. CMP;
 - (25) 4 each spillway assemblies;

- (26) 1 each remove and reset spillway assembly;
- (27) 252 lf. remove and salvage culvert pipe;
- (28) 1,360 lf. lam. guard rail;
- (29) 13 each culvert markers;
- (30) 87 each guide posts;
- (31) 40 each monuments;
- (32) 1 each move masonry monument
Alternate Cribbing items
Alt. "A"—Metal Cribbing
- (33) 75 each 6x6-in. by 4-ft. metal headers;
- (34) 640 each 6x6-in. by 6-ft. do;
- (35) 10 each 6x6-in. by 8-ft. do;
- (36) 10 each 6x6-in. by 6-ft. metal stepback headers;
- (37) 10 each 6x6-in. by 8-ft. do;
- (38) 10 each metal header spacers;
- (39) 20 each metal header inserts;
- (40) 420 each metal header caps;
- (41) 1,070 each 6x8-in. by 6-ft. metal stretchers;
- (42) 275 each metal stretcher inserts (43) 2 each gap joints;
- Alt. "B"—Reinf. Conc. Cribbing
- (44) 110 each 8x5-in. by 6-ft. reinf. concrete headers;
- (45) 750 each 10x5-in. by 6-ft. do;
- (46) 25 each 10x5-in. by 8-ft. do;
- (47) 445 each 6x6-in. by 6-ft. reinf. conc. stretchers;
- (48) 425 each 8x6-in. by 6-ft. do;
- (49) 545 each 10x6-in. by 6-ft. do;
- (50) 155 each 10x8-in. by 10-in. concrete filler blocks;

Total bids follow:

(A) W. E. Hall Co., Alhambra—Subtotal, \$139,347.25; grand total, Alt. "A," \$149,510.95.
(B) Geo. Herz & Co., San Bernardino—Subtotal, \$142,167.30; grand total, Alt. "B," \$149,912.80.
(C) T. O. Sparks & Mundo Engrg. Co., L.A.—Subtotal, \$147,639.60; grand total, Alt. "A," \$156,794.80.

(D) Claude Fisher Co., Ltd., L. A.— Subtotal, \$151,193; grand total, Alt. "B," \$159,765.
 (E) Guerin Bros., San Francisco— Subtotal, \$156,318.90; grand total, Alt. "A," \$167,047.55; grand total, Alt. "B," \$168,913.15.
 (F) A Teichert & Son, Inc., Sacra-

mento — Subtotal, \$169,428.32; grand total, Alt. "A," \$179,987.32.
 (G) United Concr. Pipe Corp., Los Angeles — Subtotal, \$226,315; grand total, Alt. "A," \$234,939.25; grand total, Alt. "B," \$235,441.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 8.00	\$ 8.00	\$10.00	\$12.50	\$ 5.00	\$12.00	\$10.00
(2)	1.50	1.00	1.00	1.50	1.50	1.60	1.00
(3)	2.00	1.50	3.00	4.00	2.00	5.50	4.00
(4)	.42	.52	.40	.37	.41	.50	.41
(5)	1.00	1.00	1.50	1.00	1.30	1.50	1.20
(6)	.003	.002	.004	.004	.006	.005	.005
(7)	.75	.60	1.00	1.25	2.00	1.10	2.00
(8)	9.00	6.00	10.00	5.00	7.00	10.00	5.00
(9)	8.00	8.00	9.00	7.00	10.00	7.25	7.00
(10)	2.50	1.90	2.32	3.20	2.00	2.70	2.40
(11)	13.00	11.00	16.00	13.00	10.00	12.50	15.00
(12)	3.00	2.70	3.00	3.50	2.50	3.50	4.00
(13)	2.25	2.20	3.00	3.00	2.00	2.80	3.00
(14)	7.25	8.00	8.00	8.00	9.50	9.00	10.00
(15)	.06	.10	.10	.12	.10	.14	.10
(16)	18.00	24.00	25.00	20.00	23.00	22.50	30.00
(17)	.06	.06	.07	.05	.06	.05	.05
(18)	10.00	12.00	15.00	20.00	12.00	15.00	12.00
(19)	1.25	1.40	2.32	2.50	5.00	4.50	5.00
(20)	1.25	1.25	.90	1.00	1.00	1.10	1.00
(21)	2.40	2.90	2.60	2.70	2.50	2.60	3.00
(22)	4.75	5.10	5.00	5.00	5.70	5.70	4.50
(23)	6.00	7.00	7.00	7.00	8.10	7.30	6.50
(24)	10.00	11.40	13.00	12.00	13.20	13.00	12.00
(25)	15.00	15.00	15.00	15.00	25.00	19.00	15.00
(26)	10.00	10.00	15.00	5.00	10.00	15.00	10.00
(27)	1.00	.60	1.00	1.00	2.00	1.00	1.00
(28)	1.00	1.10	1.25	1.10	1.50	1.40	1.25
(29)	2.75	3.00	3.00	3.00	3.00	3.00	1.50
(30)	2.50	3.00	3.00	2.50	3.00	2.50	2.00
(31)	3.00	3.00	3.00	3.00	3.00	3.00	2.00
(32)	100.00	150.00	75.00	400.00	500.00	300.00	300.00
ALT "A"—							
(33)	5.00	.....	4.20	.....	5.00	4.80	4.30
(34)	6.00	.....	5.30	.....	6.25	6.20	5.35
(35)	7.00	.....	6.50	.....	7.60	7.30	6.50
(36)	6.20	.....	5.50	.....	6.35	6.20	5.50
(37)	7.25	.....	8.50	.....	7.60	7.50	6.60
(38)	1.25	.....	.90	.....	1.20	1.10	1.00
(39)	.80	.....	.60	.....	.70	.70	.70
(40)	.21	.....	.16	.....	.17	.15	.20
(41)	5.00	.....	4.60	.....	5.40	5.30	4.55
(42)	.90	.....	.80	.....	.81	.80	.70
(43)	15.00	.....	16.50	.....	20.00	21.00	12.50
ALT "B"—							
(44)	3.00	.....	3.45	.....	4.80	.....	6.80
(45)	3.90	.....	4.40	.....	5.50	.....	4.35
(46)	4.70	.....	5.45	.....	7.20	.....	5.25
(47)	2.50	.....	2.65	.....	4.50	.....	2.95
(48)	2.8 ^c	.....	3.05	.....	5.40	.....	2.55
(49)	3.60	.....	4.00	.....	6.00	.....	3.60
(50)	.70	.....	.65	.....	1.25	.....	.80

(8)	.....	.25	.30	.....	.25
(9)	.....	1.00	1.00	.....	.65
(10)	.....	.20	.25	.....	.50
(11a)	.....	.74	.74	.....	.74
(11b)	.....	12.00	12.00	.....	12.00
(12)	.....	17.00	17.00	.....	17.00
(13)	.....	.06	.06	.....	.06
(14)	.....	.05	.05	.....	.05
(15)	.....	.17	.17	.....	.17
(16)	.....	41.25	41.25	.....	41.25
(17)	.....	79.00	79.00	.....	79.00
(18)	.....	102.00	102.00	.....	102.00
					.33

LOW BIDDER
PORTLAND, Multnomah Co., Ore.
 —Parker-Schram Co., Couch Bldg., Portland, at \$41,294, (transite pipe) submitted low bid to the Hazelwood Water District, M. J. Webber, 102nd and Halsey, under PWA docket 1395, for a domestic water system including pumps, tank, mains, and services. **33**

BIDS OPENED
CLATSKANIE, Columbia Co., Ore.
 —S. S. Montague, Hughes Building, Portland, at \$32,883, submitted low bid to Barr & Cunningham, Spalding Building, Portland, under PWA Docket 1367, for water-works improvement.
 Other Bidders: (1st figure Unit 1, intake improvement; 2nd figure Unit 2, pipe lines; 3rd figure Unit 3, reservoir; 4th figure, total): Eugene Ruedv. Portland, \$2786, \$19,661, \$10,763, \$33,310; United Concr. Co., Portland, \$2575, \$20,732, \$13,167, \$36,475. Low bidder bid \$2534 for unit 1, \$18,807 for unit 2 and \$10,542 for unit 3. **33**

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

ALTER dwelling, \$350; 1308 Montgomery St.; owner, May Wigt, 1250 California St.
 FLUES, \$50; 436 Paris St.; owner, H. B. Barber, 225 College Ave.; contractor, Calif. Htg. Co., 667 Paris St.
 FLUE, \$40; 2251 Green St.; owner, Woodruff, premises; contractor, Louis J. Reiss, 2272 Market St.
 GARAGE, frame, \$600; 555 33rd Ave. owner, P. Serratti, prem.; contractor, Calif. Home Imp. Co., 393 9th St.
 SIGN, electric, \$117; 698 Guerrero; owner, Habeeb's Grocery, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER dwelling, \$360.00; 2227 46th Ave.; owner, Ed. Ewing, prem.; contractor, Donnelly Roofing Co., 652 Fulton St.
 FLUE, \$75; NW Point Lobos Ave. and 43rd Ave.; owner, Boyd C. Lindsay, 1176 Alameda Blvd.; contractor, Walters Furnace and Sheet Metal Co., 2230 Market St.
 SERVICE Station, \$800; S Ellis 150 E Hyde St.; owner, Ben Lando, 555 Ellis St.
 FLUE, \$40; 1951 Sutter St.; owner, H. Barman, 1253 9th Ave.; contractor, Zemon Sheet Metal Wks 1253 9th Ave.
 SIGN, electric, \$115; 1301 Van Ness Ave. South; owner, Sam Weiner, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
 ALTER dwelling, \$475; 221 Faralones; owner, Oral H. Curtiss, premises; contractor, Donnelly Roofing Co., 652 Fulton St.
 WALL, retaining, \$300; W 3rd St. 50 22nd St.; owner, T. P. Dineen, 815 El Dorado St.; contractor, T. W. McClenahan, 333 16th Ave.
 ALTER flats, \$500; 269 Green Street; owner, F. Brian, 273 Green St.

33— WATER WORKS

BIDS OPENED

SAN FRANCISCO—E. J. Treacy, 430 Call Bldg., San Francisco, at \$1,361.90, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D 197, for the laying of 6-inch cast iron mains in Melrose Ave. and Los Falmos Drive.

Work involves:

- (1) 90 l.f. excavation and backfill for 6-in. pipe, trench 17-in. wide by 36-in. deep;
- (2) 5 c.v. additional excavation and backfill;
- (3) no item 3;
- (4) installing 560 l.f. 6-inch bolted joint cast iron pipe;
- (5) installing 1,000 lbs. fittings, gate valves, etc.;
- (6) 25 l.f. bell and spigot joints for pipe and fittings;
- (6a) 94 bolted joints for 6-inch cast iron pipe;
- (7) 200 sq. ft. of street pavement;
- (8) installation of 25 3/4-in. screw taps;
- (9) installation of 275 l.f. 3/4-in. copper service pipe;

- (10) furnishing 560 l.f. 6-in. bolted joint cast iron pipe, Class 150, at \$0.74 per l.f.;
 - (11) furnishing bell end gate valves: (a) 2 4-in. valves at \$12 each; (b) 1 6-in. valve at \$17;
 - (12) furnishing 1,000 lbs. bell and spigot cast iron fittings at \$0.06 per lb.;
 - (13) furnishing 100 lbs. steel band an bolts at \$0.05 per lb.;
 - (14) furnishing 275 l.f. 3/4-in. copper service pipe at \$0.17 per l.f.;
 - (15) furnishing 3/4-in. fittings for services at \$41.25;
 - (16) engineering and supervision at \$79.00;
 - (17) connections: \$102.00.
- Total bids follow:
 (A) E. J. Treacy, \$1,361.90.
 (B) The Fay Improvement Co., \$1,564.86.
 (C) The S. F. Water Dept., \$1,641.80.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$.60	\$.88
(2)50	.01
(3)50
(4)06	.11
(5)03	.03
(6)30	.40
(7)35	.29

CLARK CO., NEV.—HIGHWAY CONSTR.—(STATE)

CLARK COUNTY, Nevada.—Fred-ericksen & Westbrook, P. O. Box 138 Lower Lake, Calif., at \$83,632.30 submitted low bid to the State of Nevada Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, for the construction of approximately 14.37 miles of highway in Clark County, from a point approximately 1½ mi. north of Searchlight to a point approximately 2½ miles south of Railroad Pass, 14E, 5, Section B, Clark County, Nevada.

Work involves:

- (1) 93 acres clearing;
- (2) 109,120 c.y. rdwy. excav.;
- (3) 1380 c.y. drainage excav.;
- (4) 188 sta. "V" type ditches;
- (5) 1062 c.y. borrow;
- (6) 145,860 yd. sta. overhaul;
- (7) 970 yd. ml. overhaul;
- (8) 790 c.y. struc. excav.;
- (9) 1420 c.y. backfill;
- (10) 14.37 miles subgrade, type C;
- (11) 14 M. gals. water;

- (12) 77,420 tons gravel surface;
 - (13) 150 tons liquid asphalt, type RC-2 (seal);
 - (19) 950 tons do, type SC-3 or SC-4 (roadmix);
 - (15) 14.37 miles roadmix;
 - (16) 7 each roadmix intersections;
 - (17) 128 c.y. Class B concrete;
 - (18) 3890 lbs. reinf. steel;
 - (19) 532 lf. 18-in. corr. metal pipe (dipped);
 - (20) 1575 lf. 24-in. do;
 - (31) 96 lf. 30-in. do;
 - (22) 320 lf. 36-in. do;
 - (23) 110 each culvert markers;
 - (24) 74 each guide posts;
 - (25) 54 each monuments.
- Total bids follow:
- (A) Fredericksen & Westbrook, Lower Lake, Calif., \$83,632.30.
 - (B) Nevada Rock & Sand Co., Reno, \$84,652.54.
 - (C) J. A. Casson Co., Hayward, Cal., \$87,292.92.
 - (D) W. W. Clyde & Co., Springville, Utah, \$88,192.70.

- (E) Utah Const. Co., Ogden, Utah, \$88,620.10.
- (F) M. J. Ruddy, Modesto, Calif., \$89,701.59.
- (G) Silver State Const. Co., Inc., Fallon, \$90,402.90.
- (H) Strong and Grant, Springville, Utah, \$93,203.10.
- (I) Isbell Const. Co., Reno, \$93,933.49.
- (J) A. Teichert & Sons, Inc., Sacramento, Calif., \$99,472.44.
- (K) Hoops Const. Co., Twin Falls, Idaho, \$103,815.44.
- (L) Dodge Const., Inc., Fallon, Nev., \$107,067.80.
- (M) Union Paving Co., San Francisco, \$108,371.90.
- (N) Hemstreet & Bell, Marysville, Calif., \$109,492.00.
- (O) McNutt Bros., Eugene, Oregon, \$114,770.40.
- (P) R. L. Oakley, Pasadena, Calif., \$115,727.30.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1).....	\$30.00	\$12.50	\$25.00	\$12.00	\$20.00	\$15.00	\$25.00	\$20.00	\$15.00	\$12.00	\$15.00	\$10.00	\$35.00	\$30.00	\$20.00	\$35.00
(2).....	.14	.19	.17	.215	.18	.19	.20	.20	.22	.20	.29	.27	.25	.30	.19	.26
(3).....	.50	.22	.25	.25	.35	.20	.40	.20	.22	.42	.30	.25	.50	.25	.50	.50
(4).....	1.00	3.00	2.50	2.50	3.00	4.50	5.00	6.00	1.50	2.50	2.00	5.00	2.50	3.00	3.00	5.00
(5).....	.14	.17	.16	.20	.20	.20	.50	.20	.22	.12	.22	.25	.25	.25	.15	.50
(6).....	.007	.01	.005	.01	.01	.003	.01	.015	.01	.01	.01	.01	.005	.005	.01	.01
(7).....	.20	.12	.15	.15	.10	.30	.20	.20	.15	.10	.20	.10	.15	.15	.10	.15
(8).....	.90	1.00	1.00	1.00	1.50	.80	1.00	1.00	1.00	.95	1.00	1.50	1.25	1.00	1.50	1.00
(9).....	.60	.50	.50	.50	.60	.50	1.00	.50	.50	.47	.30	.50	.50	.50	.50	.50
(10).....	100.00	100.00	100.00	90.00	75.00	75.00	50.00	100.00	100.00	88.50	80.00	100.00	150.00	200.00	200.00	200.00
(11).....	10.00	5.00	10.00	10.00	10.00	10.00	3.00	5.00	5.00	3.50	5.00	5.00	5.00	10.00	5.00	5.00
(12).....	.40	.34	.39	.35	.35	.43	.32	.38	.38	.48	.40	.45	.42	.45	.60	.50
(13).....	14.00	14.50	15.00	14.00	16.00	14.30	20.00	15.64	16.00	16.00	16.50	17.50	20.00	17.00	19.50	15.00
(14).....	12.80	13.00	13.00	13.00	13.00	12.80	15.00	14.44	15.00	14.30	14.85	15.00	20.00	13.50	18.50	14.00
(15).....	300.00	350.00	400.00	400.00	400.00	350.00	400.00	400.00	395.00	475.00	400.00	400.00	400.00	400.00	450.00	500.00
(16).....	35.00	25.00	15.00	25.00	25.00	10.00	25.00	50.00	25.00	30.00	20.00	40.00	25.00	50.00	40.00	20.00
(17).....	30.00	25.00	25.00	25.00	30.00	25.00	30.00	26.00	28.50	27.00	28.00	30.00	30.00	25.00	25.00	35.00
(18).....	.08	.07	.10	.09	.10	.07	.06	.10	.08	.08	.07	.07	.08	.07	.10	.10
(19).....	1.50	1.90	1.75	1.70	2.25	1.69	1.75	1.90	1.80	1.80	2.25	2.50	1.75	1.80	1.60	2.00
(20).....	2.30	2.75	2.50	2.45	3.25	2.40	2.50	2.50	2.60	2.50	3.00	3.00	2.50	2.80	2.50	3.50
(21).....	3.00	3.50	3.25	3.40	4.25	3.08	4.00	3.40	3.35	3.50	4.00	3.50	3.00	4.00	3.50	5.00
(22).....	4.50	5.25	5.00	5.00	6.00	4.75	6.00	5.00	4.80	5.30	5.50	5.00	5.00	5.00	5.00	7.30
(23).....	2.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	2.50	1.50	3.50	3.00	3.00	3.00	3.00
(24).....	2.00	3.00	3.00	3.00	4.00	3.00	4.00	4.00	3.00	3.00	1.00	3.00	3.00	3.00	3.00	3.00
(25).....	2.50	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.50	3.00	3.00	3.00	3.00	3.00	4.00	4.00

CLARK CO., NEV.—HIGHWAY CONSTR.—(STATE)

CLARK COUNTY, Nevada.— Utah Construction Co., Ogden, Utah, at \$195,827.63 submitted low bid and was awarded contract by the State of Nevada Directors of the Dept. of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the construction of approximately 12.62 miles of highway in Clark County from a point near Apex to a point approximately four miles west of Crystal, Route 6, Sections D1, E2, and E1, Clark County, Nevada.

Work involves:

- (1) 175 hours 75-h.p. crawler type tractor;
- (2) 50 hours 75-h.p. tractor with power scraper;
- (3) 175 hours 10-in. blade grader;
- (4) 500 hours motor grader with scarifier;
- (5) 250 hours 1½-ton truck;
- (6) 50 hours 75-h.p. tractor with bulldozer or angledozer;
- (7) Force account special detours;
- (10) 266 lf. remove culvert pipe;
- (11) 7 each remove headwalls;
- (12) Lump sum remove building;
- (13) Lump sum move building;
- (14) 1333.334 sq. yd. remove and relay roadmix surface;
- (8) 10245 tons selected detour surfacing;
- (9) 13949 tons ml. haul on selected detour surfacing;

- (15) 128,019 c.y. roadway excav.;
- (16) 680 c.y. drainage excav.;
- (17) 37 sta. "V" type ditches;
- (18) 18,883 c.y. borrow;
- (19) 88 sta. slope rounding;
- (20) 348,911 yd. sta. overhaul (yd. sta.);
- (21) 21,573 yd. ml. overhaul (yd. ml.);
- (22) 1,075 c.y. structure excav.;
- (23) 1,610 c.y. backfill;
- (24) 12,49 miles subgrade, type "B";
- (25) 565 c.y. rock cleanup;
- (26) Force account roadside cleanup;
- (27) 5,449 M. gal. water;
- (28) 68,756 tons type 1 gravel base;
- (29) 42,995 tons type 2 gravel base (1½-in. size);
- (30) 418 tons liquid asphalt, type SC-1A (prime);
- (31) 969 tons screenings;
- (32) 112 tons liquid asphalt, type MC-4 (seal);
- (33) 492 tons liquid asphalt, type SC-2 (detours and intercessions);
- (34) 2 each roadmix intersections;
- (35) 296 c.y. class "A" concrete;
- (36) 34 c.y. class "B" concrete;
- (38) 96 lf. 15-in. corr. metal pipe;
- (39) 1,188 lf. 18-in. corr. metal pipe;
- (40) 710 lf. 24-in. corr. metal pipe;
- (41) 94 lf. 30-in. corr. metal pipe;
- (42) 62 lf. 36-in. corr. metal pipe;
- (43) 120 lf. relay culvert pipe;
- (44) 39 each move pipe culvert head-walls;
- (37) 31,660 lbs. reinf. steel;

- (45) 52 each culvert markers;
 - (46) 4 each monuments;
 - (47) 1082 tons liquid asphalt, type SC4 or SC5;
 - (48) 21,623 tons class B2 plantmix bituminous surface;
 - (49) 54 each remove and reset culvert markers;
 - (50) 26 each remove and reset guide posts;
 - (51) 36 each remove and reset monuments.
- Total bids follow:
- (A) Utah Const. Co., Ogden, Utah, \$195,827.63.
 - (B) Nevada Rock & Sand Co., Inc., Reno, \$199,520.84.
 - (C) Isbell Const. Co., Reno, \$203,882.33.
 - (D) Silver State Const. Co., Fallon, Nev., \$204,130.31.
 - (E) W. W. Clyde & Co., Springville, Utah, \$208,491.06.
 - (F) Olof Nelson Const. Co., Logan, Utah, \$210,166.94.
 - (G) Hemstreet & Bell, Marysville, Calif., \$215,889.12.
 - (H) Union Paving Co., San Francisco, \$217,332.63.
 - (I) Dodge Const., Inc., Fallon, Nevada, \$219,358.53.
 - (J) Hoops Const. Co., Twin Falls, Idaho, \$219,984.51.
 - (K) McNutt Bros., Salem, Oregon, \$254,872.66.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 5.00	\$ 6.00	\$ 5.00	\$ 4.00	\$ 5.00	\$ 5.00	\$ 6.50	\$ 5.00	\$ 5.00	\$ 4.00	\$ 6.00
(2)	7.00	7.50	5.50	8.00	7.00	6.00	8.00	7.00	7.00	7.00	8.00
(3)	2.00	2.25	2.00	.50	2.00	2.00	1.00	2.00	2.00	2.00	1.00
(4)	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.50	4.00	4.60
(5)	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.50	2.20	2.50
(6)	7.00	7.00	7.50	7.00	5.50	6.00	8.00	6.00	7.00	4.50	7.90
(7)	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
(8)	.20	.15	.17	.25	.20	.20	.20	.15	.20	.30	.65
(9)	.10	.11	.10	.10	.065	.10	.07	.12	.10	.15	.07
(10)	.50	.60	.50	.50	.50	.50	.50	1.00	.75	1.00	.60
(11)	5.00	5.00	5.00	10.00	5.00	5.00	5.00	10.00	5.00	5.00	5.00
(12)	10.00	15.00	10.00	100.00	20.00	25.00	50.50	50.00	25.00	20.00	25.00
(13)	25.00	50.00	10.00	100.00	25.00	25.00	50.00	30.00	25.00	25.00	25.00
(14)	.30	.05	.05	.07	.06	.05	.07	.08	.06	.05	.08
(15)	.30	.28	.30	.28	.36	.35	.26	.30	.39	.32	.35
(16)	.50	.35	.30	.50	.50	.50	.25	.60	.39	.40	1.00
(17)	3.00	4.50	5.00	5.00	5.00	4.50	3.00	5.00	5.00	3.00	5.00
(18)	.20	.16	.20	.30	.18	.20	.20	.35	.20	.20	.15
(19)	5.00	6.00	5.00	5.00	8.00	5.00	5.00	5.00	5.00	2.00	8.00
(20)	.01	.01	.01	.01	.01	.01	.005	.01	.01	.01	.01
(21)	.10	.12	.10	.10	.15	.12	.12	.10	.10	.20	.15
(22)	1.75	2.00	1.50	1.50	1.50	1.50	1.50	1.20	2.00	1.00	1.50
(23)	.60	.50	.50	1.00	.60	.50	.50	.80	.50	.40	.50
(24)	200.00	150.00	100.00	150.00	125.00	150.00	200.00	150.00	150.00	100.00	500.00
(25)	1.50	2.00	1.60	1.00	1.00	1.00	1.00	1.00	1.00	.60	.60
(26)	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
(27)	1.50	2.00	2.00	1.50	2.00	2.00	2.00	1.80	1.75	1.75	1.90
(28)	.30	.28	.27	.30	.30	.32	.11	.32	.32	.35	.35
(29)	.37	.40	.35	.35	.40	.40	.47	.45	.42	.48	.85
(30)	14.00	15.50	15.50	15.00	13.60	15.00	16.10	16.00	14.00	16.00	17.00
(31)	2.00	2.50	2.50	3.00	2.00	2.00	3.00	2.50	2.50	2.25	.60
(32)	16.00	17.00	18.60	20.00	14.80	16.00	16.50	18.00	16.00	17.00	19.50
(33)	14.00	15.50	15.10	12.00	13.10	14.50	14.40	17.00	14.00	14.50	18.00
(34)	25.00	30.00	50.00	50.00	25.00	50.00	100.00	25.00	40.00	20.00	40.00
(35)	25.00	26.00	28.00	30.00	24.00	25.00	30.00	25.00	30.00	28.00	25.00
(36)	28.00	30.00	28.00	30.00	24.00	25.00	25.00	30.00	30.00	28.00	25.00
(37)	.06	.055	.06	.06	.06	.06	.06	.06	.06	.06	.07
(38)	1.75	1.75	1.70	1.50	1.60	1.75	1.60	1.50	1.95	2.00	1.70
(39)	2.00	2.00	1.85	1.75	1.75	2.00	1.80	2.00	2.15	2.25	1.75
(40)	3.00	3.00	2.60	2.50	2.50	3.25	3.00	3.00	2.85	3.00	2.75
(41)	4.25	3.75	3.10	4.00	3.40	4.50	4.00	4.00	3.35	3.75	3.50
(42)	5.50	5.50	4.85	6.00	5.00	6.75	5.00	6.00	5.00	6.00	5.50
(43)	1.00	1.00	.50	.50	.60	1.00	1.00	.50	.75	1.00	1.00
(44)	10.00	10.00	10.00	10.00	10.00	10.00	20.60	10.00	10.00	7.00	10.00
(45)	4.00	3.00	3.50	4.00	3.00	3.00	3.00	3.00	3.50	1.50	3.50
(46)	4.00	5.00	3.50	4.00	3.00	4.00	3.00	3.00	4.00	3.50	3.50
(47)	14.00	13.50	15.40	15.00	13.60	14.50	15.00	15.00	14.00	14.60	16.50
(48)	1.40	1.40	1.60	1.50	1.45	1.40	1.55	1.55	1.50	1.70	1.75
(49)	2.00	2.50	2.50	4.00	1.50	2.00	1.00	1.50	1.00	1.00	2.50
(50)	2.00	2.50	2.50	4.00	1.50	2.00	1.00	1.50	1.00	1.00	2.50
(51)	2.00	2.50	3.50	4.00	1.50	2.00	2.00	1.50	1.00	1.50	2.30

PALOS VERDES RESERVOIR—(DISTRICT)

LOS ANGELES, Cal.—Daley Corporation, 4430 Boundary Street, San Diego, at \$484,258.50 submitted low bid to the Metropolitan Water District, 306 W. 3rd Street, Los Angeles for the construction of the Palos Verdes Reservoir and appurtenant works of the Colorado River Aqueduct distribution system; Spec. 289. Fifteen bids previously advertised for this project were returned unopened Dec. 9. Work includes excav., rolled fill embank. and Gunite lining for a 1000-acre ft. capacity reservoir and the construction of an outlet tower, spillway, and supply tunnel. There are also included a short section of road, a concrete-walled open storm drain approx. 2800 ft. in length, a steel foot bridge, fences, and appurtenant works.

Schedule of items follows:

- (1) 1,600,000 c.y. excav. for reservoir and outlet tower;
- (2) 39,000 c.y. excav. for struc.;
- (3) 4,000 c.y. excav. for road;
- (4) 1,000 c.y. excav. in tunnel;
- (5) 10 tons furnishing and erecting steel support in tunnel;
- (6) 16 M ft. b.m. furnishing and placing permanent timbers in tunnel;
- (7) 14,000,000 c.y. trips compacting earth blanket and main embankment;
- (8) 2,000,000 c.y. trips compacting road fill and toe embankment;
- (9) 2,000 c.y. backfill, sluiced or flooded;
- (10) 18,000 c.y. backfill, compacted;

- (11) 100 tons gravel refill;
- (12) 600 c.y. riprap;
- (13) 570 c.y. conc. in outlet tower;
- (14) 6,500 c.y. conc. in storm drain and pipe incasement;
- (15) 1,900 c.y. conc. in spillway, stilling basin, and misc. structures;
- (16) 640 c.y. conc. in tunnel;
- (17) 2,000,000 lbs. fabricating and placing reinf. steel;
- (18) 1,300,000 sq. ft. Gunite lining of reservoir;
- (19) 300 l.f. drilling grout holes;
- (20) 100 connections for grouting;
- (21) 150 c.y. mixing and placing grout;
- (22) 980 l.f. furnishing and installing mortar lined steel-plate pipe;
- (23) 1,300 lbs. furnishing and installing steel thimble and cover;
- (24) 9,000 lbs. furnishing and erecting steel bridge;
- (25) 7,700 l.f. furnishing and installing fence, 84-in. fabric;
- (26) 3,900 l.f. furnishing and installing fence, 36-in. fabric;
- (27) 100 sq. ft. furnishing and installing glass in metal sash;
- (28) 70,000 lbs. installing misc. metal-work;
- (29) 400 l.f. installing 6-in. concrete pipe;
- (30) 700 l.f. installing 12-in. conc. pipe;
- (31) 84,000 sq. ft. oiled roadway on embankment crest;
- (32) 28,000 sq. ft. disintegrated rock base 6 in. thick;
- (33) 33,000 sq. ft. pre-mix wearing surface 1½ in. thick.

- (34) 75 posts furnishing and installing highway guard posts;
- (35) 8,000 ton-miles hauling steel;
- (36) 42,000 ton-miles hauling cement;
- (37) 600,000 sta. c.y. at the stipulated price of three miles (\$0.003) per sta. c.y. overhaul or road fill materials. • 30

Total bids follow:

- (A) Daley Corp., San Diego, \$484,258.50.
 - (B) W. E. Hall Co., Alhambra, \$588,960.00.
 - (C) United Concrete Pipe Corp. and D. MacDonald, Box 1, Sta. H, Los Angeles, \$596,965.00.
 - (D) A. Teichert & Son, Inc., Sacramento, \$598,494.00.
 - (E) Griffith Co., Los Angeles, \$608,893.00.
 - (F) Winston Bros. Co., Los Angeles, \$610,041.00.
 - (G) Clyde W. Wood, Los Angeles, \$616,275.00.
 - (H) Heafey-Moore Co., Fredrickson & Watson Const. Co., 873 71st Ave., Oakland, \$640,466.
 - (I) Macco Const. Co., Clearwater, \$673,800.50.
 - (J) J. F. Shea Co., Inc., Los Angeles, \$683,777.50.
 - (K) Elliott - Stroud - Seahrook and Gates & Huntley, \$714,779.00.
 - (L) Mitty Bros. Const. Co., Los Angeles, \$715,860.00.
 - (M) Dale Hinman, 408 Gaylord, Denver, Colo., \$736,071.00.
 - (N) Utah Const. Co., San Francisco, \$756,352.00.
 - (O) Basch Bros., Torrance, \$837,312.90.
- Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	\$.129	\$.15	\$.151	\$.16	\$.16	\$.175	\$.17	\$.19	\$.18	\$.19	\$.18	\$.225	\$.19	\$.19	\$.24
(2)	.25	.62	.42	.30	.32	.40	.30	.37	.60	.35	.21	.80	.40	.42	.58
(3)	.15	.29	.21	.60	.16	.20	.20	.16	.25	.35	.21	.40	.30	.19	.19
(4)	5.10	10.00	10.00	7.00	8.50	15.00	7.50	16.00	13.20	10.00	13.86	5.50	11.00	13.00	9.78
(5)	165.00	175.00	160.00	165.00	200.00	200.00	150.00	150.00	180.00	162.00	160.00	146.00	160.00	200.00	150.00
(6)	87.00	87.50	100.00	80.00	85.00	80.00	80.00	70.00	48.00	75.00	48.00	110.00	100.00	110.00	66.00
(7)	.0017	.0035	.0028	.0027	.0033	.0016	.002	.002	.0035	.005	.0046	.003	.005	.005	.004
(8)	.0017	.0035	.0028	.0027	.0033	.0016	.002	.002	.0035	.005	.0046	.003	.005	.0046	.004
(9)	.15	.20	.40	.20	.12	.25	.35	.40	.30	.25	.25	.20	.40	.18	.32
(10)	.32	.30	.60	.60	.47	.62	.35	.40	.30	.40	.70	.80	.55	.70	.91
(11)	2.00	1.00	3.00	2.60	2.50	2.50	2.00	2.25	4.00	2.50	2.50	3.00	3.00	2.40	4.52
(12)	3.00	1.00	3.00	1.50	.35	2.00	2.50	2.35	5.00	4.00	4.60	2.00	3.00	2.75	2.42
(13)	9.75	30.00	19.50	14.00	17.50	13.50	14.00	16.00	21.50	30.00	25.00	22.00	25.00	26.00	33.00
(14)	9.75	11.00	10.10	10.90	9.50	13.00	14.00	13.50	10.80	9.00	14.50	11.00	11.00	13.75	15.00
(15)	9.75	11.00	11.00	10.80	11.00	13.00	14.00	13.50	11.70	9.00	18.65	12.00	13.00	11.25	18.00
(16)	9.75	16.00	9.00	11.00	9.50	13.50	14.00	16.00	12.00	14.00	12.10	15.00	14.00	12.50	12.42
(17)	.01	.013	.012	.012	.015	.008	.015	.0115	.01	.015	.01	.0125	.02	.015	.0142
(18)	.0525	.0455	.07	.055	.07	.055	.06	.05	.075	.06	.07	.05	.08	.0775	.07
(19)	2.00	1.75	1.50	2.00	1.00	5.00	1.00	1.00	2.00	1.00	1.80	3.00	2.00	7.5	2.42
(20)	2.00	1.00	1.50	2.00	2.00	4.00	1.00	2.35	5.00	2.00	2.90	5.00	2.50	3.50	3.00
(21)	15.00	20.00	20.00	24.00	30.00	23.00	30.00	15.00	30.00	30.00	17.25	25.00	25.00	25.00	30.00
(22)	14.00	15.00	14.00	16.00	13.00	11.50	12.00	11.00	17.00	12.00	15.50	12.50	14.00	16.50	16.77
(23)	.18	.19	.30	.18	.16	.16	.20	.22	.40	.15	.19	.20	.17	.14	.24
(24)	.10	.12	.15	.10	.12	.11	.12	.11	.15	.15	.12	.11	.15	.11	.13
(25)	.90	.80	1.00	1.00	.90	.80	.75	.80	.90	.75	.85	.75	.80	1.00	.88
(26)	.50	.35	.50	.50	.40	.42	.40	.30	.50	.45	.45	.40	.50	.50	.48
(27)	.25	.25	2.00	.50	.60	.40	.50	1.20	.60	1.00	1.00	.20	2.00	3.0	1.21
(28)	.03	.038	.04	.05	.06	.06	.05	.03	.06	.70	.04	.08	.07	.05	.096
(29)	.20	.15	.50	.60	.70	.40	1.00	.50	.25	.40	.60	1.00	.50	.45	.24
(30)	.30	.30	.40	.60	.30	.60	1.00	.50	.40	.50	.90	.15	.80	.62	.42
(31)	.02	.027	.03	.04	.025	.045	.01	.035	.035	.04	.04	.02	.03	.045	.05
(32)	.03	.045	.06	.08	.04	.055	.03	.07	.12	.10	.075	.02	.05	.05	.055
(33)	.03	.07	.08	.04	.02	.055	.03	.05	.07	.10	.04	.04	.03	.05	.055
(34)	2.00	2.00	3.00	2.00	2.60	2.60	2.00	2.00	2.50	1.50	2.50	2.00	2.00	4.00	2.50
(35)	.15	.12	.15	.40	.16	.16	.08	.10	.05	.10	.17	.25	.10	.15	.18
(36)	.15	.10	.12	.16	.16	.11	.06	.14	.05	.15	.17	.10	.07	.15	.145
(37)	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003

SANTA BARBARA COUNTY, Cal. --Mountain Construction Co., 1846 37th, Sacramento, at \$58,959.15, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading, treating, portions with liquid asphalt (road-mix) and applying seal coat on about 10 miles of Feeder Road between Santa Ynez river and San Antonio Creek, Santa Barbara County.

- (1) 557 sta. clear and grub;
- (2) 100 M. gals. water;
- (3) 180,900 c.y. rdwy. excav., unclassified;
- (4) 1,750 c.y. struc. excav.;
- (5) 1,150 c.y. ditch and channel excavation;
- (6) 662,800 sta. yds. overhaul;
- (7) 30,500 c.y. imported borrow;
- (8) 2,400 c.y. imported surf. material;
- (9) 557 sta. finish rdwy.;
- (10) 285 c.y. remove concrete;
- (11) 10 tons liquid asph. SC-2 prime coat;
- (12) 115 tons liquid asph. SC-3 road mix surf. treat.;
- (13) 9,200 sq. yds. prepare, mix and shape roadbed;
- (14) 7 tons liquid asph. 90-95 seal coat;
- (15) 85 tons screen seal coat;
- (16) 5,000 lbs. bar reinf. steel;
- (17) 75 c.y. Class A Portland cement concrete struc.;
- (18) 106 lf. 8-in. CMP;
- (19) 2,266 lf. 18-in. CMP;
- (20) 194 lf. 36-in. CMP;
- (21) 144 lf. 42-in. CMP;
- (22) 8 each spillway assemblies;
- (23) 600 lf. 6-in. perf. metal pipe underdrains;
- (24) 100 c.y. rock filling material;
- (25) 160 lf. move and reset existing guard rail;
- (26) 190 each guide posts;
- (27) 57 each culvert markers;
- (28) 0.75 mile new property fences;
- (29) 2 each drive gates;
- (30) 214 each monuments.

V Total bids follow:
 (A) Mountain Constr. Co., (signed by A. Teichert), Sacramento, \$58,959.15.

- (B) Piazza & Huntley, San Jose, \$64,631.20.
- (C) R. L. Oakley, Pasadena, \$64,953.50.
- (D) C. G. Willis & Son, Inc., Los Angeles, \$66,278.25.
- (E) United Concr. Pipe Corp., Los Angeles, \$66,567.98.
- (F) W. E. Hall Co., Alhambra, \$67,555.
- (G) Basich Bros., Torrance, \$68,172,547.50.
- (H) J. E. Haddock, Ltd., Pasadena, \$71,604.35.
- (I) Parish Bros., Eldridge, \$72,835.50.
- (J) Granite Constr. Co., Watsonville, \$73,526.50.
- (K) C. O. Sparks & Mundo Engrg. Co., Los Angeles, \$75,425.00.
- (L) Guerin Bros., San Francisco, \$75,531.30.
- (M) Oswald Bros., Los Angeles, \$77,951.10.
- (N) Valley Constr. Co., San Jose, \$78,400.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	
(1)	\$.600	\$10.00	\$.500	\$.500	\$8.00	\$8.50	\$12.00	\$10.00	\$10.00	\$10.00	\$15.00	\$15.00	\$.700	\$12.00	\$23.70
(2)	2.00	1.50	2.50	2.00	2.00	3.00	1.20	4.00	2.00	2.00	1.50	2.00	2.00	3.00	2.50
(3)	.13	.155	.16	.16	.17	.174	.15	.17	.17	.186	.17	.16	.16	.15	.15
(4)	1.00	.80	.80	.75	.85	.75	1.00	1.25	1.25	1.00	1.00	1.00	1.00	1.50	.75
(5)	1.00	.50	.50	.30	.75	.85	.50	.75	.75	1.00	.75	.80	1.00	1.00	.45
(6)	.005	.005	.008	.003	.005	.005	.004	.005	.005	.006	.005	.005	.005	.005	.006
(7)	.14	.30	.22	.40	.27	.20	.30	.33	.30	.30	.25	.50	.50	.40	.40
(8)	1.25	.40	.95	.80	.50	1.00	.80	1.15	1.00	.90	1.00	1.50	.60	1.00	1.00
(9)	5.00	3.00	4.00	4.00	5.00	5.00	8.00	5.00	5.00	5.00	3.00	6.00	5.00	5.00	6.00
(10)	3.50	3.00	1.00	2.00	2.00	3.00	1.25	1.50	4.00	2.00	3.00	2.00	5.00	1.50	1.50
(11)	12.00	12.00	9.00	12.70	10.00	13.00	15.00	15.00	14.00	10.00	20.00	10.00	20.00	17.00	17.00
(12)	13.00	9.50	9.00	10.00	10.00	11.00	8.50	8.25	15.00	10.00	12.00	10.00	10.00	11.00	11.00
(13)	.05	.06	.05	.06	.09	.06	.06	.06	.06	.09	.08	.10	.11	.08	.08
(14)	13.00	14.00	9.00	16.00	15.00	14.00	15.00	12.50	15.00	15.00	25.00	10.00	20.00	18.00	18.00
(15)	3.50	3.50	3.00	3.00	3.50	2.75	5.00	4.50	3.00	4.00	3.00	3.00	3.00	3.00	3.50
(16)	.06	.05	.06	.08	.05	.06	.065	.06	.09	.06	.065	.055	.10	.05	.05
(17)	27.00	20.00	25.00	24.00	20.00	25.00	25.00	27.00	25.00	26.00	25.00	22.00	25.00	25.00	25.00
(18)	1.00	1.10	1.50	.90	1.00	1.25	1.05	1.05	1.25	1.20	1.00	1.00	1.00	1.20	1.20
(19)	1.90	1.90	2.00	1.85	2.03	2.00	1.80	1.40	2.00	1.80	2.25	2.00	2.00	1.75	1.75
(20)	5.50	5.20	6.00	5.50	4.50	4.50	5.20	5.10	5.00	5.00	6.00	5.70	4.00	4.25	4.25
(21)	6.50	6.10	7.00	6.75	5.50	5.50	6.10	6.25	7.00	6.00	8.50	7.00	6.00	5.50	5.50
(22)	16.50	14.50	15.00	30.00	14.00	15.00	24.00	15.00	20.00	20.00	15.00	25.00	15.00	16.00	16.00
(23)	1.00	1.10	2.00	.90	.90	1.00	1.05	1.00	1.00	1.10	1.50	1.00	1.50	1.25	1.25
(24)	3.50	3.00	4.00	3.00	3.00	3.00	4.50	5.00	2.00	5.00	3.00	2.50	3.00	3.00	4.00
(25)	.50	.60	1.00	1.00	1.00	.75	.50	.60	1.50	.60	1.00	1.50	3.00	1.00	1.00
(26)	2.00	2.50	2.00	2.50	1.50	2.50	2.50	2.25	3.00	2.50	3.00	3.00	3.00	2.00	2.00
(27)	2.25	3.00	2.00	2.50	1.50	2.75	2.50	2.50	2.00	2.50	3.00	3.00	3.00	2.00	2.00
(28)	550.00	500.00	450.00	625.00	400.00	600.00	500.00	600.00	400.00	500.00	600.00	750.00	800.00	600.00	600.00
(29)	17.00	18.00	25.00	30.00	25.00	18.00	20.00	20.00	30.00	20.00	30.00	30.00	25.00	25.00	30.00
(30)	2.50	3.00	3.00	2.50	2.00	3.00	3.00	3.00	3.00	3.00	4.00	3.00	3.00	3.00	3.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until Jan. 9, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 6254: purchase of new Caterpillar (or equal) tractor replacement parts, f.o.b. shipping point, including lump sum trade-in allowance and/or cash offer on used equipment located at Government Island.

BID NO. 6257: purchase of new G.M.C. (or equal) replacement parts; f.o.b. shipping point and/or Glendale; including lump sum trade-in allowance and/or cash offer on used equipment located at Glendale.

BID NO. 6258: purchase of new Caterpillar (or equal) tractor replacement parts; f.o.b. shipping points; including lump sum trade-in allowance and/or cash offer on used equipment located at Glendale.

NAVY DEPARTMENT

WASHINGTON, D. C.—Until Jan. 25, bids will be received by Bureau of Yards and Docks, Washington, D. C., for four 50-ton traveling jib cranes for use at Boston, Philadelphia, Mare Island and Puget Sound navy yards.

Plans and specifications may be obtained from the above office.

WAR DEPARTMENT

SACRAMENTO, Calif.—Until Jan. 5, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-160, for standard hoisting rope of uncoated plow steel; 6 strands, 19 wires to strand; Seale construction and right regular lay; f.o.b. Rio Vista.

Plans and specifications may be obtained from the above office.

FORT MASON, Calif.—Until Jan. 4, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-193, for parts for Federal 2½-ton trucks, Model Q-9, 1935, and for parts for Diamond "T" reconn. car, 12-pass., 226-S, 1934; f.o.b. Motor Warehouse 6, Presidio of San Francisco.

Plans and specifications may be obtained from the above office.

CANAL ZONE

PANAMA CANAL.—Until Jan. 5, 10:30 A. M., bids will be received by the General Purchasing Officer, Washington, D. C., under Sch. No. 3409, for furnishing misc. supplies and materials, including:

Electric industrial trucks, flat steel strapping, water coolers, liquid spray-

ers, wheelbarrow wheels (with pneumatic tires), wedge gate valves, brass screws, steel cap screws, brass machine-screw nuts, butt hinges, "T" hinges, strap hinges, bronze case-moment fasteners, screw anchor shackles, gate hooks and eyes, toilet-paper holders, white cottoning machine thread, and watertight marine vibrating bells.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. supplies and materials as follows:

SCH. 5167: one flood lighting unit, landing field, with electric generating set mounted on a 1½- to 2-ton capacity platform body motor truck, for San Pedro; Jan. 10.

SCH. 5187: 600 wire rope steel marine line spikes for Sewall's Point and Mare Island; Jan. 10.

SCH. 5183: copper alloy nickel for eastern and western yards; Jan. 10.

SCH. 5042: five portable inhalators, complete with 2 cylinders and carrying case for eastern and western yards; Jan. 13.

SCH. 5217: 8,000 sq. ft. galv. steel expanded metal for Boston and Norfolk; 1,300 sq. ft. galv. expanded metal for Puget Sound; Jan. 13.

SCH. 5211: motor driven punch and shear machine for Mare Island; Jan. 13.

SCH. 5197: silver solder for eastern and western yards; Jan. 13.

SCH. 5221: 8,800 pounds of remelting nickel for Puget Sound; Jan. 17.

SCH. 5205: straight ash oars for eastern and western yards; Jan. 10.

SCH. 5194: motor driven high pressure hydraulic test pump for Mare Island; Jan. 10.

SCH. 5199: 145 carbon tetrachloride portable fire extinguishers for Puget Sound; 40 chemical fire extinguishers, soda and acid type; for Mare Island; Jan. 10.

SCH. 5186: leather, belting, lacing for eastern and western yards; Jan. 10.

SCH. 5223: 200 lbs. aluminum foil for Puget Sound; Jan. 17.

SCH. 5181: soldered corrosion tube fittings for Mare Island; Jan. 10.

Sch. 5192: approx. 14,000 lbs. solder for eastern and western yards; Jan. 13.

SCH. 5220: aluminum and aluminum alloy for eastern and western yards; Jan. 13.

SCH. 5231: 2 gasoline engine driven industrial tractors and 20 4-ton capacity all-steel trailers, 5th wheel type, for Mare Island; Jan.

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$500; 929 Adams, Albany; owner, J. C. Rutan, prem.; contractor, Joe Vila, 1207 Solano.

ADDITION, \$150; 2216 Blake, Ber-

keley; owner and contractor, A. E. Wilson, premises.

ALTERATIONS, \$500; 1812 Dwight Way, Berkeley; owner and contractor, Troy-Manhattan Laundry, premises.

BARBER pole, \$90; 2811 Grove St., Oakland; owner and contractor, C. H. Roberts, premises.

SIGNS, two metal, \$10 each; 851 58th St., Oakland; owner, Genoa Grocery; contractor, Bob's Sign Co., 599 19th St.

REPAIRS, \$150; 2242 Coloma Ave., Oakland; owner, C. Fowler, 1085 Bella Vista Avenue; contractor, Douglas & Wolfe, 3961 Vale Ave.

ALTERATIONS, \$12; 591 12th St., Oakland; owner, L. Untermahr, Oakland.

ROOF repairs, \$12; 3510 Rhoda Ave., Oakland; owner, Mrs. P. L. Dewey, 2708 Stuart St., Berkeley; contractor, Wm. J. Finn, 15 Echo Ave.

ROOF repairs, \$22; 2302 Park Blvd., Oakland; owner, Frank Lewis, 172 Grand Ave.; contractor, Wm. J. Finn, 15 Echo Ave.

ALTERATIONS, \$250; 1232-38 23rd Ave., Oakland; owner, Sid Sankovitz, 2789 Foothill Blvd.; contractor, W. Spivock, 2789 Foothill Blvd.

ROOF repairs, \$35.00; 5915 Chabot Crest, Oakland; owner and contractor, W. C. Humphreys, 5915 Chabot Crest.

FIRE escape, \$129; 510 28th Street, Oakland; owner, F. W. De Brutz, 314 15th St.; contractor, Broadway Orn. Iron Wks, 4162 Broadway.

CANOPY, steel, \$175; 365 3rd St., Oakland; owner, John Morrell Packing Co., 364 2nd St.; contractor, C. H. Thrans, 28 Home Place.

ADDITION, \$175; 5844 Merriewood Dr., Oakland; owner and contractor, H. P. Ingebrigtsen, 5844 Merriewood Drive.

ALTERATIONS, \$850; 3776 Ruby St., Oakland; owner and contractor, Ray M. Loper, premises.

REPAIR roof, \$72; 1037 Hubert Rd., Oakland; owner, Mrs. D. Blingman, 1037 Hubert Road; contractor, Lester T. Thompson, 593 Sycamore St.

REPAIR roof, \$200; 725 Grove St., Oakland; owner, St. John's Episcopal Church, 8th and Grove Sts; contractor, Bay Cities Asbestos Co., 5th Ave. and East 12th St.

FOUNDATION, \$300; 3715 Madrone Ave.; owner, Chas. E. Roberts, Sr., 987 Scott St.

ADDITION, \$200; 9932 E. St., Oakland; owner, Wm. Rodrigues, 9932 E. St.

ADDITION, \$250; 2166 East 27th St., Oakland; owner and builder, Francis M. Frodsham, 1709 University Ave., Berkeley.

RE-ROOF, \$119; 9406 Hillside St., Oakland; owner, A. Vinsitt, 9046 Hillside St.; contractor, Elliott & Elliott, 770 22nd St.

CHIMNEY, patent, \$20; 4077 Allendale Ave.; owner, O. C. Mitchell, 2960 E. 14th St.; contractor, J. F. Hertz, 1540 39th Ave.

RE-ROOF, \$90; 1220 Ward St., Oakland; owner, J. McCarthy, 1220 Ward St.; contractor, Crown Roof Co., 1911 E. 12th St.

ADDITION, \$250; 583 Sycamore St.; owner and builder, Mrs. M. Balthich, 583 Sycamore St.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Cal

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Eighth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

25
per Co

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



1938 San Francisco Building
Total \$3,000,000 Over '37



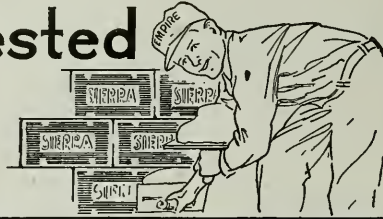
Bids on Vallejo School Jobs January 26



**Building Permits, Advance Reports
of Building and Engineering
Projects**



Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MARKET 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXI

SAN FRANCISCO, CALIF., JANUARY 7, 1939

No. 54

NINE BIDDERS FIGURE SEWER FOR PRESIDIO

Fazio, McGuire & Hester Low-est Bidders with Proposal Of \$69,636

A low bid of \$69,636 for construction of an intercepting sanitary sewer system from Ft. Scott through the Presidio of San Francisco including two sewage pumping plants in the Presidio was submitted to the Constructing Quartermaster at Fort Mason yesterday by J. A. Fazio, M. J. McGuire and M. Hester, 1483 Hopkins street, Oakland.

Heafey-Moore Co. and Fredrickson & Watson Construction Company were second low bidders at \$75,500. Nine firms figured the contract.

The contract calls for constructing an intercepting sanitary sewer system from Fort Scott through the Presidio, through Letterman General Hospital, through Crissy Field, necessary laterals, two sewage pumping plants in the Presidio and an intercepting sanitary sewer system at Fort Mason. The bidding scheduled allowed for deductions in case it was decided not to construct Sewage Pump Plant No. 1 and the Fort Mason East Portial line.

MacDonald & Kahhn Co., Ltd., San Francisco, was third low bidder with a total proposal of \$82,938.

Other bidders were: West Construction Co., \$86,535; Fay Improvement Co., \$88,900; W. J. Tobin, \$90,101; Chas. L. Harney, \$96,000; Pacific States Construction Co., \$98,500; and Eaton & Smith, \$107,185.

MOOSAIC TILE COMPANY TAKES NEW QUARTERS

The Mosaic Tile Co. announces removal of its San Francisco office and warehouse to 575 Tenth street and the new showroom now is prepared to take care of increased business. Telephone numbers at the firm's new quarters are UNDERhill 3233 and 3234. Mosaic Tile Company formerly was located at 524 Second street.

CITY RECEIVES EXHIBIT BIDS

Albert E. Mangs & Associates, San Francisco, yesterday submitted low bids to Director A. D. Wilder of the San Francisco Department of Public Works on two contracts for construction of exhibits in the San Francisco building on Yerba Buena Shoals.

Mangs submitted a proposal of \$3,286 for constructing an exhibit for the Recreation Commission, and a bid of \$5,496 for building a similar affair for the Board of Education. The only other bidder on both jobs was C. L. Wold Construction Company, Ltd. The bids amounted to \$4,298 and \$5,964, respectively.

Northwest Lumber Production Lower

A total of 151 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending December 24, 1938 produced 91,540,374 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 58.1 per cent of its average weekly cut during 1926-1929.

The new business reported taken by the 151 mills was 81,652,888 board feet. Shipments were 92,587,709.

Details of orders and shipments as reported by the 151 mills are:

	Orders	Shipments
Rail	42,217,725	35,169,651
Domestic	25,868,239	45,414,769
Export	6,994,400	5,430,765
Local	6,572,524	6,572,524
	81,652,888	92,587,709

The unfilled order file at these mills stood at 316,090,568 bd. ft.

Shipments were greater than in the preceding week, but orders and production both were at a lower level.

OAKLAND FIRM LOW ON OXNARD DREDGING WORK

Hydraulic Dredging Bids \$434,775 on Harbor Project in South

OXNARD, Ventura Co., Jan. 4.—Low bids aggregating \$802,000 were submitted here today to the Oxnard Harbor District for construction of miscellaneous harbor works, including 4,250,000 cubic yards of dredging, two rock mound jetties and rock revetment.

Hydraulic Dredging Co., 1221 Central Bank building, Oakland, was low bidder at \$434,775 on Sch. One, covering dredging.

Low bidder for construction of jetties and revetment was Baruch Corp., 625 South Olive street, Los Angeles.

Bids Three Schedules

Amounts of Baruch Corporation's low proposals on these schedules were: Schedule Two, West Jetty, \$141,684; Schedule Three, East Jetty, \$102,980; and Schedule Five, revetment work in entrance channel and central basin and slip, \$120,980.

Case Construction Co., P. O. Box 6, Berth 109, San Pedro, submitted a low bid of \$2,000 for Schedule Four, concrete foundation for beacon lights on jetties.

Bids were referred to Code and Hill-Leeds & Barnard, consulting engineers on the project, for tabulation and calculation of freight rates. Low bids as read are subject to correction and are not the final official totals, it was pointed out.

POTTSCO AGGREGATE PLANT IS COMPLETED

The Celotex Corporation has announced that on December 1 a new plant for the manufacture of Pottscoc lightweight aggregate was placed in operation at Pittsburgh, Pa. This is the fourth plant for the manufacture of this expanded blast-furnace slag which is sold by the Pottscoc Division of The Celotex Corporation.

\$500,000 S. F. Street, Sewer Projects To Be Advertised During Next 6 Months

With contracts aggregating approximately \$750,000 awarded to private contractors for street and sewer construction during the twelve months of 1938, the San Francisco Department of Public Works this week opened the new year with about half a million dollars worth of engineering construction slated for action prior to July 1.

Possible construction of the third section of the Nineteenth avenue project—from Pacheco to Taraval streets—was the best news offered yesterday. Plans are being prepared for the \$131,000 job while negotiations for property purchases are in progress. Construction of the Taraval-Pacheco section will leave only one four-block portion to be completed.

Other jobs scheduled for the first six months of 1939 include: reconstruction of Army street, Bryant to Harrison, \$45,000; construction of permanent pavement on the Nineteenth avenue extension and one other location; reconstruction of Ninth street, Market to Division, \$84,000; improving Market street, Van Ness avenue to Tenth street, \$15,000; reconstruction of Third street, Market to Howard, \$26,000; reconstruction of Fourth street, Third to Channel, \$10,000; improvement of Army St., Harrison to Van Ness avenue So., \$87,000; reconstruction of the Islais Creek and Fourth street bridges, \$32,000; and miscellaneous work, \$57,400.

Healy-Tibbitts Construction Co., at \$26,465, took the first job of 1938—construction of fenders at Islais Creek bridge.

Eaton and Smith finished the Alemany Sewer project, constructing Section F, from Evans Ave. to Napoleon, at the bid price of \$48,210. The same firm widened and reconstructed Market street between Eleventh and Brady, and Van Ness avenue and Gough street, at a cost of \$20,010.

The last contract at the Richmond-Sunset Sewage Treatment Plant went to Clinton Construction Company, at \$70,950. The firm constructed a primary digester and miscellaneous equipment at the Golden Gate Park plant.

In March, A. G. Raisch, at \$35,949, was awarded the contract for reconstructing Golden Gate avenue between Van Ness avenue and Taylor street, and two months later, Lowrie Paving Company, at \$57,101 carried off the contract for reconstructing Third St. between Howard and Channel streets.

The two largest jobs of the year went to Charles L. Harney. He was awarded the contract for reconstructing Nineteenth Ave. be-

Agnews Sewer, Phone Extension Advertised

SACRAMENTO, Jan. 3. — Bids for construction of sewer and telephone extensions at Agnews State Hospital were invited here today by the State Division of Architecture. They will be opened January 24.

The sewer and telephone extension job consists of approximately 640 feet of 15-inch vitreous tile pipe; 7200 feet of 10-inch asbestos cement pipe; 900 feet of two-inch asbestos cement pipe; 10,000 feet of 100-pair underground telephone cable; 1250 feet of 2300-volt underground electric service; a complete sewage screening and pumping plant; electric transformers, motors, pumps, screening equipment, mechanical equipment, and connections to existing sewer, telephone and service lines.

Contractors desiring to figure the work may obtain plans and specifications from the Division of Architecture upon deposit of \$25, returnable.

twoen Lincoln way and Lawton street, at \$121,845.20, and late in December received the contract for reconstructing Park-Presidio boulevard between Fulton street and the Presidio. The latter contract totaled \$105,879.

Other large contracts were awarded as follows: improving Bernal avenue, Arlington to Randall, Fay Improvement Co., \$47,206; reconstructing streets in Golden Gate Heights District, A. G. Raisch, \$23,257; reconstructing Polk street, Market to Grove, M. J. Lynch, \$12,786; constructing a drainage tunnel and shaft at Parker avenue slide, R. G. Clifford, \$37,610; and paving Alemany boulevard westerly from Bayshore boulevard, Pacific States Construction Company, \$16,458.

Other contracts were awarded to the following during 1938: M. Bertolino; Love & Haun; Pacific Pavements, Ltd.; D. E. Burgess; W. J. Tobin; West Construction Co.; and E. J. Treacy.

Shipments of domestic water softening apparatus during the first 11 months of 1938 amounted to 11,251 units, as compared to shipments totaling 11,955 units during the same period in 1937, according to the Bureau of Census.

SEE 20 PERCENT FIXTURE SALES GAIN THIS YEAR

Bureau Predicts Best Plumbing, Heating Year Since 1929

With an expected increase in sales of about 20 per cent in 1939, the year is expected to be the best for the plumbing and heating industries since 1929, according to Geo. E. Hoffman, president of the Plumbing and Heating Industries Bureau.

The accelerating volume of residential construction will account for a large part of the increase, Hoffman says. The trend of residential construction has been upward since July, 1938, with the result that current inventories of boilers, radiators, bathtubs, sinks, pipe, valves, fittings and all plumbing and heating materials are low.

Modernization of residential, commercial, industrial, institutional, and educational buildings will continue in 1939, as in 1938 and 1937, to be an important factor in the plumbing and heating market.

Only 72 per cent of city homes and 14 per cent of farm homes have bathtubs, according to the federal Real Property Inventory and Farm Housing Survey Hoffman points out. Owners of apartment buildings and hotels are expected to be among the best prospects in 1939.

Prices are still low. The current index number for staple plumbing fixtures as reported by the United States Bureau of Labor Statistics is 78.5 as compared with the base index of 100 for 1926.

Prices of some individual fixtures, as for instance bathtubs, are so low that the homeowner today can buy two for the price paid for one in 1920.

Form Clamp Firm In New Quarters

The Universal Form Clamp Co., Inc., announces the removal of their office and warehouse to 333 Seventh street, San Francisco.

Increasing business has necessitated larger quarters for the more efficient handling of business on the Pacific Coast.

A complete line of form clamps of every description is carried in stock. Recently they have brought out a new type of clamp, known as the "Baby" Spiro-loc, which should be of interest to all contractors engaged in the erection of concrete buildings of every description, according to the firm.

The Universal Form Clamp Co. manufactures its "Twisteyes" and concrete accessories, as well as many other products, in San Francisco, enabling them to make prompt deliveries to all points on the Pacific Coast.

GRADE CROSSING JOBS IN SOUTH OUT FOR BIDS

State Invites Proposals on L.A., San Diego Separation Projects

SACRAMENTO, Jan. 3. — Bids on two grade separation contracts were invited today by the State Division of Highways.

Proposals for both contracts will be opened at the Division's Los Angeles office January 26, State Highway Engineer C. H. Purcell announced.

One contract calls for construction of an underground crossing under the Atchison, Topeka and Santa Fe tracks at Chapman Station on Rosemead boulevard, Los Angeles county.

The underpass will consist of steel track spans on reinforced concrete piers and abutments on timber pile foundations. The contract also includes about three-tenths of a mile of roadway to be graded and paved with Portland cement concrete.

The second of the projects advertised for bids today is located in San Diego county.

The contract calls for construction of an overhead structure over the San Diego and Eastern Railroad tracks at La Mesa.

The structure will consist of one 47-foot span, two 30-foot spans, and two 10-foot cantilevers on concrete piers.

Heating Group Plans Annual Dinner Meet

The Heating & Piping Contractors Association of San Francisco will hold its annual meeting and election of officers Tuesday, January 10, at Club Lido, according to Executive Secretary S. W. Finney.

At this meeting three contractor members will be elected to the board of directors to replace retiring Directors Alec Atwood, Chas. Gibbs, and George Sweeney.

The business meeting will be held at 6 P. M., dinner will be served at 7 P. M. at the Club Lido, and at the end of the banquet at 9 P. M. a special floor show will be staged. Both the regular Lido floor show, which will be staged during dinner, and the special show at 9 P. M. will have Buddy Brown acting as master of ceremonies. The dinner and entertainment this year will be the best the association has ever held, according to Chairman C. N. Gilley of the program committee.

Shipments of fire extinguishing motor equipment during the first 11 months of 1938 amounted to 684 units, as compared to shipments of 785 units during the same period in 1937, the Bureau of Census reports.

MATERIAL PRICE AVERAGE HIGHER

The average of wholesale building material prices rose one-tenth of one per cent during the pre-Christmas week ending December 24, according to the weekly survey of the U. S. Bureau of Labor Statistics. Slightly higher prices for yellow pine lath, concrete blocks and certain paint materials accounted for the increase in the index, the bureau reported.

Slightly lower prices were reported for yellow pine flooring and timbers and ethyl acetate. Other changes within the building materials group, according to the bureau, were negligible.

BIDS JAN. 26 FOR VALLEJO SCHOOL JOBS

Science Building, Girls' Gym At Senior High Advertised

Bids for construction of two high school buildings in Vallejo will be opened January 26, it was announced yesterday, following authorization by the school board of a call for proposals.

The contract will be officially advertised today.

Contracts for excavation work for the two buildings and for similar work at the site of an elementary school were let by the board late last month in order that work might be underway by the first of the year to meet the PWA deadline. Both grading contracts went to E. E. Lowell of Vallejo.

To be officially advertised for bids today are the new science building and girls' gymnasium at Vallejo Senior High School.

The science building will be two stories in height, of reinforced concrete construction. Plans for the gymnasium call for a one-story frame and stucco structure.

Architect John J. Donovan of Berkeley prepared plans for the high school buildings.

Contractors desiring to figure the project may obtain plans and specifications from the office of the architect upon deposit of \$25.

Production of galvanized range boilers during the first 11 months of 1938 amounted to 679,032, as compared to production of 695,497 units during the same period in 1937, the Bureau of Census reports.

S. F. Trades School Opens Spring Term; List Many Classes

Special evening classes for adults engaged in the building trades are announced for the spring semester at Samuel Gompers Trades School, 22nd and Bartlett streets, San Francisco. Although the spring term opened this week, new students may enroll at any time.

Under Instructors Theodore G. Ruegg, W. H. Baker and W. C. Pidge, several groups of classes are scheduled for the current semester. Instruction is free and only nominal laboratory fees are charged in a few courses. Classes include the following:

I. For men working in skilled Civil Engineering Trades:

(a). Trade Drafting and Blue Print Reading.

(All Trade Drafting and Blue Print Reading courses teach the fundamental elements of a good set of working drawings. The standard indications of materials and symbols and their proper application.)

(b). Industrial Applied Mathematics.

(A thorough grounding in the principles of Arithmetic, Estimating Algebra, Trigonometry, Analytic Geometry and the Calculus with practical applications.)

II. For men working in Structural Engineering Trades:

(a). Trade Drafting and Blue Print Reading.

(b). Design of Timber Reinforced Concrete and Steel Construction. (This is a thorough course in calculating stresses, graphic statistics and strength of materials, for structures of timber, steel and reinforced concrete. Includes use of the slide rule, design book tables, and the estimating of quantities.)

III. For men working in any of the Building Trades:

(a). Trade Drafting and Blue Print Reading.

(b). Estimating and Quantity Surveying.

(This course makes practical application of algebra and geometry to mensuration, teaches the fundamental elements of an estimate, waste, overhead, standard practice, intelligent short cuts for speed and accuracy, and the use of the slide rule.)

(c). Practical Architectural Drawing.

(Special emphasis on data required to make good working drawings. Perspective drawing is also taught.)

These courses are designed on practical lines to impart pertinent information for every-day use. The instructors are trained men of long experience who maintain daily contact with industry. Spring semester started Tuesday evening, Jan. 3, 1939, and school is in session from 7:00 to 9:15 P. M. five evenings per week.

Work on 75,000 Dwelling Units in U. S. Housing Program to be Started in 1939

More than 20,000 low-income families who formerly dwelt in slum tenements and shacks today are residing in safe and sanitary living quarters in public housing projects administered by the United States Housing Authority, according to a year-end recapitulation made public this week by Nathan Straus, USHA Administrator. In 1939 thousands more will migrate from the slums into decent low-rent homes.

At present, twelve large low-rent housing projects to provide about 9,000 new homes, are under construction contracts and during 1939, it is estimated that construction will be started on between 75,000 and 80,000 additional homes.

Mr. Straus pointed to the increase in the number of local housing authorities during the year just closed as indicative of the enthusiasm with which the National slum-clearance and rehousing program is being received from coast to coast.

A year ago, there were 46 local public housing agencies; today there are 221.

To date, 140 low-rent housing projects in 73 cities and two counties in 22 States, the District of Columbia and the Territory of Hawaii are under contract for USHA loans totaling \$320,986,000. These loans represent 90 per cent of the cost of the projects. In addition, 123 communities have received earmarkings of \$328,803,000, making a grand total of \$649,789,000 so far committed by the USHA.

The demand for local housing authorities for USHA financial aid in clearing their slums and rehousing families of low income has been so great that all USHA loan funds have been committed and there is great unfilled demand for more funds and more projects.

To date, Administrator Straus has approved construction contracts totalling \$28,964,621 for 12 projects inaugurated under the USHA program in eight cities to be built at a total estimated development cost of \$45,384,201.

The following data is based upon the total estimated development costs of the 12 projects for which the greater portion of the construction work has been approved:

Total estimated development cost	\$45,384,201
No. of Dwelling Units	8,956
Funds to be Expended for Materials	15,967,523
Funds to be Paid in Direct Wages to Workers on the Site	13,227,500
Man-hours of Labor Directly on the Site	12,109,200
Man-hours of "Behind the Scenes" Labor off Site	18,164,100
Man-hours of Director Labor both on and off Site	30,273,300
Total Number of Men to be Emp. During Const.	10,085

New orders for malleable iron castings booked during Oct., 1938, amounted to 32,989 short tons, as compared to orders totaling 34,810 short tons taken during the same month in 1937, according to the Bureau of Census.

366 MILLIONS PUBLIC WORKS FUNDS NEEDED

Continuance of Current Projects, No New Program Asked by President

Although President Roosevelt requested no new public works program in his annual budget message to Congress yesterday, he estimated that \$366,000,000 would be needed to carry on the work already underway.

A vast rearmament program will take the place of public works expenditures during the fiscal year commencing July 1, the President's report intimated.

Armaments, farm relief and WPA costs bulked large in the report which called for \$8,995,663,200 of Federal spending during the next fiscal year.

The President warned against a violent contraction in public spending, pointing to the "existing upward movement of business and employment" since the inauguration of the administration's spending program.

He requested that \$1,609,000,000 be earmarked for national defense, although only \$210,000,000 of that sum would be spent during the next fiscal year. An additional \$500,000,000 to speed up the armament program was included in this sum.

Estimating that at least \$750,000,000 would be needed to operate WPA until June 30, the President requested that \$1,500,000,000 be allotted for the Works Progress Administration during the coming fiscal year.

He estimated that the deficit for the year would be \$3,326,343,200, but again suggested that the best means of obtaining a balanced budget is in promoting economic recovery.

plant is equipped with three huge pumps, each driven by a large electric motor. Each of these pumps will lift water at the rate of 90,000 gallons per minute. The electric motors are the largest pump motors ever built in America and range in horsepower from 9,500 at the Intake plant to 12,500 at the Hayfield plant, which is located 126 miles west of the Colorado River.

Plans were also completed yesterday for the celebration that will take place Saturday when the aqueduct's Intake plant begins operations. These ceremonies will take place in the Gene basin reservoir, a mile and a half west of the river, where water pumped by the Intake plant will flow into the first of a series of aqueduct reservoirs.

The thirteen Water District cities are Los Angeles, Anaheim, Beverly Hills, Burbank, Compton, Fullerton, Glendale, Long Beach, Pasadena, San Marino, Santa Ana, Santa Monica and Torrance.

FIRST AQUEDUCT PUMP OPERATIONS START TOMORROW

Ceremonies to Precede Start of Regular Operation at Intake Plant

Final preparations for the beginning of operation of the great Metropolitan Aqueduct, were being completed today by F. E. Weymouth, general manager, and J. M. Gaylord, chief electrical engineer, of the Metropolitan Water District.

On Saturday afternoon, January 7, the Intake pumping plant, located on the Colorado River at the eastern end of the 392-mile Metropolitan Aqueduct, will begin regular operation.

Although it will be a number of months before water is delivered to Los Angeles and the 12 other local cities that comprise the Metropolitan Water District, Saturday's epochal event will mark a highlight in the construction of the \$200,000,000 water supply system, which is the largest aqueduct in the world and has been one of the largest construction jobs in the United States.

Intensive engineering and construction work has been continuously under way for more than 15 years on the tremendous problem of tapping the Colorado river and bringing a billion gallons a day of its waters to the thirteen cities which are located on the semiarid coastal plain of Southern California.

At approximately 1:00 P. M. tomorrow afternoon the first water will be pumped out of the new man-made lake behind Parker Dam which will make a reality of one of Southern California's most cherished dreams, that of an abundant, controlled water supply.

Located two miles above Parker Dam, and approximately 300 miles east of Los Angeles, the Intake pumping plant is the first of five Metropolitan Aqueduct plants which will lift water more than 1600 feet over the mountain ranges that lie between the Colorado river and Southern California's coastal plain.

These five plants represent the greatest water pumping plant installation that has ever been constructed. At the present time each

TOURS PLANNED FOR DELEGATES TO CONVENTION

Special Trains Slated for Eastern, Northwest A.G.C. Groups

Comprehensive arrangements for travel to San Francisco by delegates to the national convention of the Associated General Contractors of America, to be held here March 6-11, were being completed this week.

During the convention week, San Francisco also will be the scene of the American Road Builders Association National Exhibit and Road show; the annual convention of the Western Association of State Highway Officials; and the annual convention of the National Equipment Distributors Association.

Special convention rates from all points of the United States have been provided by rail, air and steamship lines, with liberal stop-over privileges either en route to or returning from San Francisco. At the same time the national offices of A.G.C. have announced a special Santa Fe train, leaving Chicago Wednesday evening, Mar. 1, and arriving in San Francisco at 4 P. M., Sunday, March 5.

Two Stopovers Planned

The Convention special will make two one-day stopovers—the first at Santa Fe and the second at Grand Canyon. Chapter groups desirous of availing themselves of this facility are urged to communicate with the national offices at as early a date as possible in order that the necessary space arrangements may be made.

In order to facilitate the departure of the Convention special and for the accommodation of A.G.C. members en route for San Francisco via Chicago, Convention headquarters have been established at the Palmer House. A staff will be on hand to aid in making rail, air and hotel arrangements and to otherwise assist A.G.C. members bound for San Francisco.

The Pacific Northwest branch of A.G.C. is also sponsoring a special train out of Portland. This train will be routed via Southern Pacific Lines. Those desirous of coming to San Francisco from the Northwest or from eastern points via the Northwest may arrange their itineraries so as to connect with this train.

It is anticipated that many A. G. C. members will make the trip to San Francisco by automobile. These may be satisfied that they will find no difficulty west of Chicago. The Central route, via Denver, Cheyenne, Salt Lake City, Reno and Sacramento, is kept open throughout the year. This route is paved the entire way and is in splendid shape.

All southern routes into Los Angeles via Texas, New Mexico and Arizona are ideal during the

Structural Steel Bookings Gaining; Backlog Increases

New orders booked by the structural steel industry during November, according to reports received by the American Institute of Steel Construction, were the largest for any month since July, 1937. During November the industry booked 150,988 tons, whereas for the eleven months of 1938 the industry booked a total of 1,075,171, which approximated the total booked during the twelve months of 1935.

The shipments during November continued about the average for the year to date, and consequently the back-log of business began to show an increase.

Following is the complete tabulation of bookings and shipments:

	(A)	(B)
Contracts Closed		
January	80,320	153,806
February	57,144	101,710
March	84,257	206,321
April	91,158	158,471
May	77,322	122,939
June	98,899	175,552
July	96,013	158,341
August	106,772	124,897
September	92,469	132,432
October	138,829*	62,267
November	150,988	132,353
Totals	1,075,171	1,529,561

	(A)	(B)
Shipments		
January	87,763	99,934
February	81,161	102,196
March	103,300	142,995
April	100,038	146,758
May	96,439	140,525
June	98,554	147,618
July	87,892	156,403
August	98,802	166,095
September	93,553	165,941
October	97,511*	153,231
November	94,979	130,156
Totals	1,039,892	1,552,174

(A) Estimated total tonnage for the entire industry, 1938.

(B) Estimated Total Tonnage for the entire industry, 1937.

*Revised.
Tonnage available for future fabrication: 421,527.

months of February and March and offer appropriate alternate routings either going to or returning from the convention, thus providing a wide diversity of scenic attractions.

Routings between San Francisco and the Pacific Northwest, especially the scenic Pacific Highway, are open throughout the year and in splendid condition. This holds true with respect to the Northwest route, traversing Montana and the Dakotas.

Motorists making the trip to San Francisco by steamship from New York, via the Panama Canal, may find it convenient to carry their machines with them at a comparatively reasonable expenditure. This will enable them to drive home by any route they may choose at the conclusion of the convention.

1938 BUILDING TOTAL IN S. F. REVEALS GAIN

Year's Building \$3,000,000 Over 1937 Total; December Volume Heavy

Continued building activity during December brought the San Francisco building permit total for 1938 to \$23,232,331, approximately \$3,000,000 higher than the 1937 figure of \$20,245,440. Chief Clerk S. J. Rosenblum of the Central Permit Bureau announced yesterday.

During December 649 permits were issued for construction valued at \$2,120,328, a heavy gain over the \$930,831 total registered in December, 1937.

Frame construction remained steady with 179 permits issued for work costing \$784,828, as compared to 105 permits issued last December for construction estimated at \$452,725.

Although construction in 1938 lagged behind the 1937 pace for a greater part of the year, a steady drive started during the second quarter brought the final total well over the 1937 figure. In 1938 there was no let-down during the last four months of the year, which characterized the 1937 building record.

Following are the classified building totals for December, this year and last:

Class	No.	Est.	
		1938	1937
B	3	\$ 78,000	1 \$ 15,000
C	11	131,000	10 142,750
Frames	179	784,828	105 452,725
Alter.	443	339,611	413 232,154
Sub-total	636	\$1,333,439	529 \$42,659
Public	7	\$ 164,520	5
Harbor			1 48,748
1939 Exp.	4	128,896	1 49,424
U. S. Govt.	2	493,473	
Total	649	\$2,120,328	531 \$930,831
1938 (12 Months)			1937 (12 Months)
8,061	\$23,232,331	7,807	\$20,245,449

New orders for distillate oil burners during the first ten months of 1938 amounted to 292,513 units, as compared to orders for 417,050 units during the same period in 1937, the Bureau of Census reports.

Construction Starts On Conduit Contract

Work has been started on the third eight-mile unit of the Contra Costa conduit, which will carry the concrete-lined waterway to a point near Nichols, it was announced this week.

Haas, Doughty & Jones & Marshall & Stacy have started rough dragline excavation about 4 miles east of Pittsburgh, initiating work on their \$316,331 contract for the U. S. Bureau of Reclamation.

The contract includes the Los Medanos waterway, a 9,000-ft. diversion canal which will return excess water to the San Joaquin river near Pittsburg.

Residential Expansion of Past Year Held First Sign of General Building Recovery

While the national trend in building during 1938 has been steadily upward, the longer term outlook will be shaped by basic social and economic conditions, according to Frederick H. Meyer of San Francisco, vice-president of the American Institute of Architects. Continuance of the upswing is seen by Mr. Meyer who summarizes the current situation as follows:

"The trend of the building cycle is definitely improving, and is following the usual pattern. The first stimulation, namely, alterations and repairs of buildings, has reached its peak, and is on the descending curve. The second phase, residential, is following a steadily upward curve, and promises to continue. All classifications of buildings, except alterations and repairs, are improving, with further progress indicated.

"The construction of schools, hospitals, and buildings of like character is showing rapid gains. Commercial buildings, factories and manufacturing plants are still at the bottom of the cycle, and await the stimulation of buyer demand. The building industry should be encouraged by the improved labor conditions, the stabilization of material price structure, and the renewed confidence of the building public."

Reports which are now available for the ten months of 1938, Mr. Meyer points out, indicate that, while in the country at large the total value of building permits is practically the same as a year ago, the number is about one-fifth greater, which is directly attributable to the acceleration in the residential classification.

Gain Throughout Nation

Mr. Meyer cites an increase in the building of the nation of 8.6 per cent in October over the same month in 1937. Residential building was up 35.4 per cent but non-residential building was off 4 per cent and alterations and repairs were off 20 per cent.

"Conditions, in the light of these statistics, are not abnormal," says Mr. Meyer. "It is well to remember," he adds, "that the first effort of the Government in its admirable plan to stimulate the building industry was, first, to encourage home owners and building owners to improve, repair, paint and powder their buildings and to help finance these improvements thru reasonable Government insured loans on the easy payment plan.

"San Francisco alone started and completed more than \$11,000,000 in alterations and improvements to existing buildings in a single year. This program reached its peak in the early part of 1938 and will continue to decline and is now off 20 per cent in a single year.

"The second phase of the Government program, new home building, is now in full swing, stimulated by bank loans, a sound financial plan of Government-insured loans at a reasonable interest

rate, and monthly payments of principal and interest kept within the budget of the borrower. Judging by the eagerness with which the public has grasped this opportunity, the program is constructive. The result shows that residential building is up 35 per cent. San Francisco alone during the first ten months of 1938 built 1,650 new single-family homes, or enough to make an unbroken line of new residences eight miles long, costing about \$8,000,000, as compared with 440 homes in 1933.

Eastern Construction

"Reports on construction east of the Rockies for the ten months of 1938 compared with same period last year show the total number of projects to be up 18.2 per cent. In the residential classification, the number of permits was up 25.7 per cent. In the non-residential classification, the floor area was off 20 per cent, and the valuation off 15.9 per cent.

"Reports on all building west of the Rockies for the ten months of 1938 show valuations up 0.6 per cent over 1937, 10.3 per cent over 1936, and 98 per cent over 1935. The residential classification valuation for the ten months of 1938 gained 10.5 per cent over 1937 and 36.5 per cent over 1936, and was the highest for any similar period in eight years. Reports from 18 cities in the Far West show that the value of residential permits for the ten-month period of 1938 was greater than the combined total for the four full years of 1932, 1933, 1934 and 1935.

"Building reports on California cities for the ten months show the total value was up 3.1 per cent over 1937 and 11.2 per cent over 1936, while the value of residential building was at the best level in eight years with a gain of 11.3 per cent over 1937 and 34 per cent over 1936.

"Reports on the combined building in San Francisco and Oakland during the ten months show the total number of permits was 15.9 per cent above the same period in 1937, but the valuation was 2.2 per cent under a year ago. The number of residential permits was up 22.1 per cent and the valuation 19 per cent. Non-residential construction was off 17.6 per cent.

West Held Signpost

"From the above, it is quite apparent that the San Francisco Bay Area, California and the Far West have been making good strides recently in residential construction. This is the first sign of a general building recovery.

"Under the stimulation of the PWA and the vast Federal grants made to towns, cities and states, communities have anticipated their needs for schools and other buildings and public works and have been crowding to completion a vast area of new covered space, giving employment to a large number of architects, draftsmen, contractors and mechanics, using millions of dollars worth of building materials, and thus pushing ahead the second phase of building recovery by this plan of Government stimulation. The wisdom of this plan is yet to be proved. Perhaps it would have been better if the time could have been extended over a longer period.

"The program of the United States Housing Authority is now well under way, and in anticipation of clearing away slum areas many cities have 'earmarked' millions of dollars for local use. The local authorities are slowly breaking down the resistance against Government subsidized housing and are gradually getting underway.

"This third phase of the building program will carry the housing boom well past the anticipated peak and decline of single-family housing, and should have the effect of stimulating large scale housing programs by private capital. This, will, I feel sure, revolutionize the general conception of mass housing, with full consideration given to proper site plan, garden areas, play areas, light and sun, and will offer an example and perhaps a solution in the prevention of 'blighted areas' caused primarily by the greed of the subdivided, the crowding together of houses, and the ill-advised and senseless land coverage, poor building material and poor planning.

Homes for Workers

"It is plain to those who have investigated and studied the present Government program of slum clearance and low rental housing that the very financial structure requires assurance that tenants must be able to pay their rent. The vast number of poor who occupy the sub-standard slum housing, who cannot be considered good rental risk, and the millions of industrial workers must be cared for by some other plan and it is inevitable that the effort to meet this need must be made by industry itself.

"I believe the solution can be met only in one way—by applying the principles of mass production, so successful in the production of automobiles, to ready-made unit houses capable of being expanded into two, three, four or five rooms by simply adding ready-made units, constructed undoubtedly of steel in some new rust-resisting form and made available at low cost.

"No single unit of the building industry alone can succeed in such an experiment; it must be the result of the cooperative effort of many producers of building materials."

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
No. Owner	Contractor	Amt.
3803 Besio	Owner	4000
3804 Flood	Meinberger	1000
3805 Heyman	Owner	3500
3806 Heyman	Owner	4500
3807 Smith	Owner	1800
3808-10 Stoneson	Owner	3000
3811-2 Stoneson	Owner	3500
3813-5 Bernhardt	Owner	4000
3816 Bouscal	United	1320
3817 Campbell	Owner	4500
3818 Costello	Owner	3500
3819 Hetch	Owner	1500
3820 Hopkins	Owner	2000
3821 Lindquist	Owner	3500
3822 Ottinger	Perkins	3500
3823 P S S & L	Bettancourt	3000
3824 Pieroni	Barsotti	4500
3825 Pollack	Edwards	2000
3826 Smith	Anderson	1000
3827 Costello	Owner	3500
3828-31 Doelger	Owner	4000
3832 Halsen	Owner	4000
3833-6 Lidsay	Owner	4000
3837 Mathews	Robinson	1500
3838 R.C. Archbishop	Cahill	115,000
3839 Rousseau	Owner	8000
3840 Rousseau	Owner	10,000
3841 State Dept.	Owner	3500
3842-4 Arco	Owner	4000
3845 Arco	Owner	4500
3846 Bradley	Modern	1000
3847 Drouliskos	Undlin	1000
3848 Gemlngrani	Cararo	1000
3849 Haitz	Rousseau	10,000
3850 Johnson	Owner	4900
3851 Mannings	Dinwiddle	8000
3852 McDaniel	Owner	1500

DWELLING
 (3803) SW TARA AND GENEVA.
 One-story and basement frame dwelling.
 Owner—Lorenzo Besio, 5136 Third St.
 Architect—Not given. \$4000

ALTERATIONS
 (3804) 40 POWELL ST. Alter store.
 Owner—Flood Realty Co., prem.
 Contractor—H. S. Meinberger, 956 Folsom St.
 Architect—Not given. \$1000

DWELLINGS
 (3805) N. SWEENEY 32, 67, 102, 137, 207 W. Bowdoin. Five (5) 1-story and basement frame dwellings.
 Owner—Heyman Bros., 742 Market Street.
 Architect—Not given. \$3950 each

DWELLING
 (3806) S.E. DUNSMUR and Sweeny.
 One-story and basement frame dwelling.
 Owner—Heyman Bros., 742 Market Street.
 Architect—Not given. \$4500

ALTERATIONS
 (3807) 701 SUNNYVALE AVE. Alter laundry.
 Owner—H. H. Smith, premises.
 Architect—Not given. \$1800

DWELLINGS
 (3808) N.W. CAYUGA 31, 56, 81, 106, 131 N.E. Foote Ave. Five (5) 1-story and basement frame dwellings.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not given. \$3000 ea.

DWELLING
 (3809) S.E. CAYUGA 30 S.W. Rome Street. One-story and basement frame dwelling.

Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not given. \$3000

DWELLING
 (3810) N.W. CAYUGA 31 S.W. Ottawa. One-story and basement frame dwelling.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not given. \$3000

DWELLING
 (3811) N.W. CAYUGA and Ottawa. One-story and basement frame dwelling.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not given. \$3500

DWELLINGS
 (3812) S.E. CAYUGA 55, 80, 105, 130 S.W. Rome St. Four (4) 1-story and basement frame dwellings.
 Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Not given. \$5500 ea.

DWELLING
 (3813) W 20th AVE, 75 N Quintara. One-story and basement frame dwelling.
 Owner and Builder—Albert Bernhardt, 2406 22nd Avenue.
 Architect—Donnell E. Jaekle, 126 Post Street. \$4,000

DWELLING
 (3814) W 20th AVE, 125 N Quintara. One-story and basement frame dwelling.
 Owner and Builder—Albert Bernhardt, 2406 22nd Avenue.
 Architect—Donnell E. Jaekle, 126 Post Street. \$4,000

DWELLING
 (3815) W 20th AVE, 100 N Quintara. One-story and basement frame dwelling.
 Owner and Builder—Albert Bernhardt, 2406 22nd Avenue.
 Architect—Donnell E. Jaekle, 126 Post Street. \$4,000

ALTERATIONS
 (3816) 1899 PALOU AVENUE. Alter dwelling.
 Owner—Ray Bouscal, 1899 Palou.
 Contractor—United Roofing & Siding Co., 2906 Mission St.
 Architect—Not Given. \$1,320

DWELLING
 (3817) NW ULLOA 96 NE Sydney Way. One-story and basement frame dwelling.
 Owner and Builder—J. V. Campbell, 849 Laguna Honda Blvd.
 Architect—Not Given. \$4,500

DWELLING
 (3818) NE 25th AVE, and Ortega. One-story and basement frame dwelling.
 Owner and Builder—Michael Costello, 821 34th Avenue.
 Architect—Not Given. \$3,500

ALTERATIONS
 (3819) 215 ASHBURY Street. Alter apartments.
 Owner and Contractor—Hetch, Hayward & Hetch, 215 Ashbury St.
 Architect—Not Given. \$1,500

ALTERATIONS
 (3820) 4508 POST ST. Alter store.
 Owner and Contractor—Hopkins Estate, 354 Pine Street.
 Architect—Not Given. \$2,000

DWELLING
 (3821) N GARFIELD 75 E Monticello. One-story and basement frame dwelling.

Owner and Builder—Chas. W. Lindquist, 290 Drake St.
 Architect—Not Given. \$3,500

DWELLING
 (3822) E 33rd AVE, 350 S Santiago. One-story and basement frame dwelling.
 Owner—Geo. Ottinger, 1370 35th Ave.
 Contractor—E. W. Perkins and Sons, 1370 35th Ave.
 Architect—C. O. Clausen, 746 46th Avenue. \$3,500

ALTERATIONS
 (3823) 122 WEST PORTAL AVE. Alter store.
 Owner—Pacific S. S. & L., c/o contr. Contractor—J. Bettencourt, 422 San Anselmo Avenue.
 Architect—Albert F. Roller, Crocker First National Bank Bldg. \$3000

DWELLING
 (3824) S QUESADA 125 W Jennings. One-story and basement frame dwelling.
 Owner—Giocono Pieroni, c/o contr. Contractor—Arturo Barsotti, 1499 Quesada Avenue.
 Architect—Not Given. \$4,500

ALTERATIONS
 (3825) 23 FIFTH AVE. Alter dwelling.
 Owner—D. Pollack, 23 5th Ave.
 Contractor—Henry Edwards, 432 29th Avenue.
 Architect—Not Given. \$1,000

ALTERATIONS
 (3826) S CHANNEL 487 W Fourth Ave. Alter office.
 Owner—Smith Lumber Company.
 Contractor—Adolph Anderson, 230 Hazelwood Avenue.
 Architect—Not Given. \$2,000

DWELLING
 (3827) E. 25th AVE, 50 N. Ortega. One-story and basement frame dwelling.
 Owner—Michael Costello, 821 34th Avenue.
 Architect—Not given. \$3500

DWELLING
 (3828) E. 28th AVE, 268 S. Noriega. Owner—Henry Doelger Builder, 320 Judah St.
 Architect—Not given. \$4000

DWELLING
 (3829) E. 28th AVE, 243 S. Noriega. One-story and basement frame dwelling.
 Owner—Henry Doelger Builder, 320 Judah St.
 Architect—Not given. \$4000

DWELLINGS
 (3830) W. 28th AVE, 118-143 S. Noriega. Two (2) 1-story and basement frame dwellings.
 Owner—Henry Doelger Builder, Inc., 320 Judah St.
 Architect—Not given. \$4000

DWELLING
 (3831) E. 28th AVE 175 N. Ortega. One-story and basement frame dwelling.
 Owner—Henry Doelger Builder, Inc., 320 Judah St.
 Architect—Not given. \$4000

DWELLING
 (3832) E. 15th AVE, 125 S. Vicente. One-story and basement frame dwelling.
 Owner—A. Halsen, 2427 25th Ave.
 Architect—Not given. \$4000

DWELLINGS

(3833) W. 37th AVE. 25, 50, 75, 100, 125 S. Kirkham. Five (5) 1-story and basement frame dwellings.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000 ea.

DWELLING

(3834) W. 37th AVE. 175 S. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

DWELLING

(3835) W. 37th AVE. 150 E. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

DWELLING

(3836) W. 37th AVE. 200 S. Kirkham. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 820 Taraval Street.
Architect—Not given. \$4000

ALTERATIONS

(3837) 770 STANYAN STREET. Alter restaurant.
Owner—A. Mathews, 766 Stanyan St. Contractor—Robnson and Johnston, 180 Oak St.
Architect—Not given. \$1500

SCHOOL

(3838) SW De MONTFORD AND Jules Ave. Three-story class B school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.
Contractor—Cahill Bros, 206 Sansome St.
Architect—J. J. Foley, 770 Fifth Ave. \$115,000

FLATS

(3839) W. RETIRO WAY. 230 S. Marina Blvd.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$8000

APARTMENTS

(3840) N. BEACH 100 W. Webster. Two-story and basement frame apartments.
Owner—Oliver M. Rousseau, 321 Kearny St.
Architect—Not given. \$10,000

ALTERATIONS

(3841) 680 HOWARD STREET. Alter clinic.
Owner—State Dept. of Health, 305 State Bldg.
Contract not awarded
Architect—Not given. \$3500

DWELLING

(3842) E 19th AVE. 550 S Vicente. One - story and basement frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLING

(3843) E 19th AVE. 575 S Vicente. One - story and basement frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLING

(3844) E 19th AVE. 525 S Vicente. One - story and basement frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,000

DWELLING

(3845) E 19th AVE. 600 S Vicente. One - story and basement frame dwelling.
Owner and Builder—Arco Bldg. Co., 5401 Mission Street.
Architect—Not Given. \$4,500

ALTERATIONS

(3846) 1809 BROADWAY St. Alter guest house.
Owner—Dr. Oliver D. Bradley, 1809 Broadway.
Contractor—Modernization Company of Calif., 3601 Geary Blvd.
Architect—Not Given. \$1,000

ALTERATIONS

(3847) 217 TAYLOR Street. Alter restaurant.
Owner—Angelo Drouliskos and Jas. Dades, Imperial Hotel.
Contractor—Undlin Store Fix. Co., 747 Natoma St.
Architect—Not Given. \$1,000

ALTERATIONS

(3848) 650 CAMBRIDGE. Alter dwelling.
Owner—Frank Gemignani, premises.
Contractor—G. Carraro & Sons, 700 Felton Street.
Architect—Not Given. \$1,350

DWELLING

(3849) E ROSSI AVE. 66 N Turk. Two - story and basement frame dwelling.
Owner—Celia Haitz, 321 Kearny St. Contractor—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$10,000

DWELLING

(3850) NW 28th AVE. and Rivera. One - story and basement frame dwelling.
Owner and Builder—J. Harold Johnson, 771 28th Avenue.
Architect—Not Given. \$4,900

ALTERATIONS

(3851) 761 MARKET Street. Alter cafe.
Owner—Mannings, Inc., 365 Brannan Street.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg.
Architect—Not Given. \$8,000

ALTERATIONS

(3852) 2048-86 CHESTNUT Street. Alter restaurant.
Owner and Contractor—John McDaniel, 3225 Steiner Street.
Architect—Not Given. \$1,500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
2925	Ream	Gould	14000
2926	Brown	American	1068
2927	Edson	Griffith	3500
2928	Lyon	Owner	4300
2929	Nash	Pollard	5000
2930	Parker	Scherman	4000
2931	Tisher	Owner	3500
2932	Helm	Teigland	6900
2933	Surin	Rednos	6000
2934	Woods	White	4000
2935	Baker	Owner	3000
2936	Cornell	Owner	2500
2937	Laurence	Anloff	4400
2938	Riellet	Hill	5000
2939	Wadsworth	Dixon	7000
2940	Bier	Roth	2500
2941	Bergman	Owner	1800
2942	Chandler	Dodds	5000
2943	Meek	Owner	3900
2944	Merlo	Owner	1000
2945	Murra	Pearson	5000
2946	Oakland, City of	Owner	20000
2947	Turnbull	Legris	5000
2948	Cook	Owner	3000
2949	Gaeta	Angello	3000
2950	Granberg	Owner	4400
2951	Jeans	MacGregor	3000
2952	Heltman	Owner	2650

2953	Hughes	Nelson	1900
2954	Johnson	Johnson	3000
2955	Lafgren	Owner	3900
2956	Oak. City	Recrea. Dept.	1000
2957	Oak. Sch.	Swanstrom	53150
2958	Rosenblatt	Waldman	5000
2959	Scherding	Hambleton	5950
2960	Smith	Griffiths	2500
2961	Whalin	Owner	2000

DWELLING

(2925) 606 THE ALAMEDA, BERKELEY. Three-story nine-room dwelling.
Owner—Dr. Douglas Ream.
Contractor—Gould & Kane, 1519 Solano.
Architect—Not Given. \$14,000

ALTERATIONS

(2926) 2023 CHURCH ST., OAKLAND. Alterations and addition.
Owner—John F. Brown, premises.
Contractor—American Roofing Co., 383 40th St.
Architect—Not Given. \$1,068

DWELLING

(2927) 7621 VALENTINE STREET, OAKLAND. One-story six-room dwelling.
Owner—Nels Edson, 5117 Foothill.
Contractor—C. W. Griffith, 1350 99th Avenue.
Architect—Not Given. \$3,500
Also 1-story garage, \$150.

DWELLING

(2928) 4039 CANON AVE., OAKLAND. One-story 6-room dwelling.
Owner and Builder—Chas. D. Lyon, 6501 Buena Ventura Avenue.
Architect—Not Given. \$4,300
Also 1-story garage, \$200.

DWELLING

(2929) 4869 HARBORD DR., OAKLAND. Two-story 6-rm. dwelling.
Owner—George Nash.
Contractor—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—Not Given. \$5,000

DWELLING

(2930) 4540 FAIR AVE., OAKLAND. One-story 5-room dwelling.
Owner—C. Parker.
Contractor—Sol Scherman, 2789 Foothill Blvd.
Architect—Not Given. \$4,000

DWELLING

(2931) 2741 76th AVE., OAKLAND. One-story 5-room dwelling.
Owner and Builder—C. R. Tisher, 6137 Foothill Blvd.
Architect—Not Given. \$3,500
Also garage, \$100.

DWELLING

(2932) 115 EL CAMINO REAL, Berkeley. Two-story, 5-room frame dwelling and garage.
Owner—Mr. Helm, 3641 Piedmont Ave.
Contractor—C. M. Teigland, 525 49th St., Oakland.
Architect—F. Confer, Hotel Claremont. \$6900

DWELLING

(2933) 751 HILLDALE, BERKELEY. One-story, 6-room frame dwelling and garage.
Owner—W. E. Surin, 747 Hilldaie.
Contractor—C. E. Rednos, 2144 Spaulding.
Architect—Not given. \$6000

DWELLING

(2934) 531 GRIZZLY PEAK. One-story, 5-room frame dwelling and garage.
Owner—Francis N. Woods, 1985 Milvia St.

Contractor—W. R. White, 1758 Solano.
Architect—W. A. Doctor, Berkeley.
\$4000

DWELLING
(2935) 2356 88th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner and Builder—W. J. Baker, 2255 Ransome Ave.
One-story garage, \$200.
Architect—Not given. \$3000

DWELLING
(2936) 918 ROYAL ST., OAKLAND.
One-story, 6-room dwelling.
Owner and Builder—Alfred Cornell, 1101 Apricot St.
Architect—Not given. \$2500

DWELLING
(2937) 4326 ARDEN PLACE, OAKLAND.
One-story, 6-rm. dwelling.
Owner—Elmer Laurence, 3027 Maxwell Ave.
Contractor—E. O. Anloff, 748 Grosvenor Place.
Architect—Not given. \$4400

DWELLING
(2938) 5817 MENDOZA DRIVE, Oakland.
One-story, 5-rm. dwelling.
Owner—C. F. Riellet.
Contractor—Hill & Salamid, 5359 College Ave.
Architect—Not given. \$5000

ALTERATIONS & ADDITION
(2939) 510 EAST 14th STREET, Oakland.
Alter and addition.
Owner—Harry Wadsworth, 510 East 14th St.
Contractor—W. W. Dixon, 1844 5th Avenue.
Architect—Not given. \$7000

ADDITION
(2940) 38 BLACHFORD COURT, OAKLAND, Addition.
Owner—K. V. Beir, 38 Blachford Ct.
Contractor—L. W. Roth, 1340 East 38th St.
Architect—Not given. \$2500

DWELLING
(2941) 273 BEAU FOREST Drive, Oakland.
One-story, 4-rm. dwelling.
Owner & Builder—Norman E. Bergman, 201 Beau Forest Drive.
Architect—Not given. \$1800

DWELLING
(2942) 6394 BROOKSIDE AVENUE, OAKLAND.
One-story, 5-room dwelling.
Owner—Wm. Chandler.
Contractor—Edward B. Dodds, 721 Insurance Bldg.
One-story garage, \$250.
Architect—Not given. \$5000

DWELLING
(2943) 4749 WILKIE ST., OAKLAND.
One-story, 4-room dwelling.
Owner and Builder, Jacob Meek, 1544 154th Ave., San Leandro.
Architect—Not given. \$3900

ALTERATIONS
(2944) 924 62nd ST., OAKLAND.
Alter.
Owner and Builder—Pino Merlo, 1026 53rd St.
Architect—Not given. \$1000

DWELLING
(2945) 726 CALDWELL ROAD, Oakland.
One-story, 5-room dwelling.
Owner—Chas. Murra, 2307 Buena Vista, Alameda.
Contractor—Gust E. Pearson, 2307 Buena Vista, Alameda.
Architect—Not given. \$5000

ALTERATIONS
(2946) 282 8th STREET, OAKLAND.
Alter.
Owner and Builder—City of Oakland, City Hall.
Architect—Not given. \$20,000

DWELLING
(2947) 3032 DAVIS ST., OAKLAND.
One-story dwelling.
Owner—Wm. Turnbull, 3046 East 27th Street.
Contractor—L. S. Legriss, 3307 Bona Street.
Architect—Not given. \$5000

DWELLING
(2948) 813 HAYES, ALBANY.
One-story, 5 room frame dwelling.
Owner and Builder—C. S. Cook, 953 Neilson.
Architect—Not given. \$3000

DWELLING
(2949) 817 KAINS, ALBANY.
One-story, 5 room frame dwelling.
Owner—G. D. Gaeta, 816 Kains.
Contractor—R. B. Angello, 2131 14th Ave., Oakland.
Architect—Not given. \$3000

DWELLING
(2950) 509 KAINS, ALBANY.
One-story, 5-room frame dwelling.
Owner and Builder—Gustave Granberg, 514 Cornell.
Architect—Not give. \$4400

DWELLING
(2951) 731 SAN CARLOS, ALBANY.
One-story, 5-room frame dwelling.
Owner—J. A. Jeans.
Contractor—C. M. MacGregor, 1391 Solano.
Architect—Not given. \$2951

DWELLING
(2952) 1536 68th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner and Builder—L. E. Heltman, 13070 Broadway Terr.
One-story garage, \$150.
Architect—Not given. \$2650

ALTERATIONS AND REPAIRS
(2953) 746 ALCATRAZ AVE., OAKLAND.
Alter and repairs.
Owner—Wm. P. Hughes, 751 Alcatraz Ave.
Contractor—Wm. H. Nelson, 2017 Stuart St., Berkeley.
Architect—Not given. \$1900

DWELLING
(2954) 2679 74th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—M. H. Johnson.
Contractor—Elmer Johnson, 515 Foothill Blvd.
Architect—Not given. \$3000

DWELLING
(2955) 4027 MIDVALE AVE., OAKLAND.
One-story, 5-rm. dwelling.
Owner and Builder—O. E. Lafgren, 1355 East 32nd St.
Architect—Not given. \$3900

BLEACHERS
(2956) BRUNS DRIVE and Moraga Ave., Oakland, Bleachers.
Owner—City of Oakland, City Hall.
Contractor—Recreation Dept., 554 59th Street.
Architect—Not given. \$1000

RECONSTRUCTION
(2957) 1075 63rd STREET, OAKLAND.
Reconstruction of School building.
Owner—Oakland School District, 2nd Ave. and E. 11th St.
Contractor—Geo. Swanstrom, 1615 78th Ave.
Architect—Owner. \$53,150

DWELLING
(2958) 3748 REDWOOD ROAD, Oakland.
One-story, 5-room dwelling.
Owner—David Rosenblatt, Oakland.
Contractor—A. E. Waldman, 5409 Foothill Blvd.
Architect—Not given. \$5000

DWELLING
(2959) 4639 HARBORD DRIVE, Oakland.
One-story, 5-room dwelling.
Owner—Emil A. Scherding, 5429 Lawton Ave.
Contractor—Fred Hambleton, 1601 Wellington St.
Architect—Not given. \$5950

DWELLING
(2960) 3519 HAYMAN, OAKLAND.
One-story, 5-room dwelling.
Owner—R. Smith, 3000 Bartlet St.
Contractor—E. O. Griffiths, 1207 60th Ave.
Garage, \$100.
Architect—Not given. \$2500

ALTERATIONS AND REPAIRS
(2961) 323 LESTER AVE., OAKLAND.
Alter and repairs.
Owner and Builder—W. E. Whallin, 915 Mandana Blvd.
Architect—Not given. \$2000

**BUILDING CONTRACTS
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
432	Boost	Demarais	3530

ALTERATIONS
(432) 4277 25th St. Alter dwelling.
Owner—Charles R. Boost.
Architect—Not Given.
Contractor—W. F. and W. B. Demarais, 732 Page Street.
Filed, Dec. 30, '38. Dated, Dec. 13, '38.
Progress payments.
TOTAL COST, \$3,530.00
Limit, 90 working days. Plans and specifications filed.
433 So. Pac. Co. Mullen 1135

TICKET OFFICE
(433) BAY BRIDGE RAILWAY
Terminal. Construct ticket office.
Owner—So. Pac. Co., 65 Market St.
Contractor—Mullen Mfg. Co., 60-80 Rauch St.
Dated Dec. 30, '38. Filed Jan. 3, '39.
TOTAL, \$1135

**SAN FRANCISCO COUNTY
PERMITS UNDER \$1000**

SIGN, \$50; SE Polk and Eddy Sts.; owner, Signal Oil Co., premises; contractor, F. C. Stolte Co., 1405 San Antonio Ave., Alameda.
ALTER store, \$450; 1001 Page St.; owner, D. S. Hermley, c/o 1128 Oak St.; contractor, Tom Cuthbertson, 430 Noriega St.
ALTER flats, \$180; 2848-50 Washington St.; owner, A. B. Akerly, premises.
ALTER dwelling, \$400; 129 Greenwich St.; owner, Porter Dunlap, premises; contractor, E. A. Anderson, 1177 De Haro St.
SIGN, elec., \$175; 885 Howard St.; owner, Terminal Grill, premises; contractor, Apex Elec. Co., 363 Fell St.
ALTER store, \$460; 2028 Fillmore; owner, L. Peters, prem.; contractor, Ed. Rosemont, 176 Duboce.
FLUE, \$30; 50 Osgood Place; owner, John Sobrata, premises.
ALTER flats, \$85; 42 Vienna Street; owner, M. C. Farrell, 489 Chenery Street.
ALTER dwelling, \$400; 276-80 Shipley; owner, Grace D. Temple, premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Residences |
| 6.—Garages and Service Stations | 16.—Schools |
| 7.—Federal Buildings | 17.—Banks, Stores and Offices |
| 8.—Club Buildings | 18.—Theatres |
| 9.—Hotels | 19.—Wharves and Docks |
| 10.—Hospitals | 20.—Misc. Const. |
| 11.—Hotels | 21.—Misc. Supplies |

1—APARTMENTS

TAKING SEGREGATED BIDS

SANTA MONICA, L. A. Co., Calif.
—The Tulsa-Santa Monica Corp., 1307 Ocean Blvd., Santa Monica (job address), is taking segregated bids for a 7-story, 62-unit, 175-room apartment bldg. It will be built at Ocean and Arizona Aves., Santa Monica, for self. Chas. D. Green is the representative for the corp. It will be of reinf. concrete construction, 150x-150 ft. in area, L-shaped, comp. roof, sun deck, steel sash, two elevators, llnovall baths, 7 forced-air units and wall furnace heating, subterranean garage; est cost \$250,000. W. E. Foster, architect, Bank of America Bldg., Beverly Hills. 1

7—FEDERAL BUILDINGS

CONTRACT AWARDED

FITZSIMMONS, Colorado—Chicago Bridge & Iron Co., 37 W. Van Buren, Chicago, at \$18,780 under items 1 and 2, awarded contract by the War Department, Q. M. Construction Division, Washington, D. C., for booster pumping station and 150,000 gallon water tank at Fitzsimmons, General Hospital, Fitzsimmons, Colo. 7

CONTRACT AWARDED

HAMILTON, Montana.—McGough Bros., 1954 University Ave., St. Paul, Minn., at \$464,400, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of new buildings and remodeling of present buildings (except elevators) of the U. S. Public Health Service Laboratory at Hamilton, Montana.

CONTRACT AWARDED

HAMILTON, Mont.—S. Heller Elevator Co., Milwaukee, Wis., at \$27, 155 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for elevator and dumbwater complete for Buildings 1, 2 and 6, of the U. S. Public Health Service Laboratory at Hamilton, Mont. 7

CONTRACT AWARDED

MARE ISLAND, Solano Co., Calif.
—American Bridge Company, Frick Building, Pittsburgh, Penn., at \$462,096 on item 2, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for structural steelwork for machine shop (250x900-ft) at the Navy Yard, Mare Island. Spec. No. 9044.

BIDS OPENED

BELLINGHAM, Washington.—W. Coast Painters Co., Seattle, Wash., at \$4,472 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for interior painting, marble repairs, new flagpole, etc., at the U. S. P. O. at Bellingham, Wash.

Other bids were:

R. A. Neuman, McMinville, Ore.	\$4,835
Henry L. Grohne, Decatur, Ill.	4,887
Bellingham Paint and Wall Paper Co., Bellingham	5,620
Hagen & Hogberg Paint & Wall Paper Co.	7,648

BIDS WANTED

YERBA BUENA SHOALS.—Until Jan. 10, 3 P. M., bids will be received by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 206 Bush St., San Francisco, for log construction work involving benches, risers, etc., for the Federal building, Yerba Buena Shoals.

Plans and specifications obtainable from the above office. No deposit required.

BIDS WANTED

PHOENIX, Arizona.—Until Jan. 19, bids are being received by the Procurement Division, Public Buildings Branch, Washington, D. C., for plaster painting, etc., at the U. S. P. O. at Phoenix. 7

BIDS OPENED

SANTA MONICA, Los Angeles Co., Calif.—Highbridge International Co., Morris Heights Station, N. Y., at \$194 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for corrosion resisting steel gates at the U. S. P. O., Santa Monica.

Other bids were:

A. J. Bayer Co., Los Angeles	\$275
English Const. Co., Lowell, Mass.	494

BIDS OPENED

TOPPENISH, Wash.—H. L. Grohne Decatur, Ill., at \$1,486 submitted low bid to Procurement Division, Public Bldgs. Branch, Washington, D. C., for concrete floor and waterproofing at the U. S. P. O., Toppenish, Wash. Only other bid submitted by Valley Renovators & Painters, Lockland, Ohio, at \$1,736. 7

CONTRACT AWARDED

MARE ISLAND, Solano Co., Calif.
—Ben. C. Gerwick, Inc., 112 Market St., San Francisco, at \$228,604 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for foundations for machine shop at the Navy Yard, Mare Island; Spec. No. 9043. The work consists of concrete piles and foundations for machine shop approximately 250 feet wide by 900 feet long.

BIDS WANTED

KETCHIKAN, Alaska.—Until Jan. 19, 10:00 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for grilles for detention windows and skylights at the U. S. P. O., Court House, Custom House and Jail at Ketchikan, Alaska.

Drawings and specifications may be obtained from the above office

and from the Custodian of the bldg. at Ketchikan. 7

CONTRACT AWARDED

DENVER, Colo.—Great Lakes Construction Co., 125 W. Madison Street, Chicago, at \$2,955,505, on items 1, 2, 5, 7, and 8, awarded contract by the Quartermaster Engineer, Fitzsimmons Hospital, Denver, for construction of a hospital building at the Fitzsimmons General Hospital.

Second and third low bidders were: Thomas Bates and Sons, Denver, Colo., \$2,998,000
Robert E. McKee, El Paso, Texas, 3,028,800
(Second and third low bids previously reported incorrectly).

BIDS WANTED

MARE ISLAND, Solano Co., Cal.
—Until February 1, 11 A. M., bids are being received by Bureau of Yards and Docks, Navy Dept., Washington, D. C., for superstructure for Machine Shop, Navy Yard, Mare Island. Spec. 8995. Est. cost, \$400,000.

The building will be approximately 250 feet wide by 900 feet long and will include earthwork; conc. work; misc. iron and steel; roofing and sheet metal work, ceramic glazed units; metal windows and doors; metal studding, lathing and plastering; metal toilet partitions; marble and tile work; terrazzo, carpentry and joinery; hardware; glazing painting; plumbing; heating and ventilating and electric system.

Drawings and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, upon deposit of \$50.00 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED

HAWTHORNE, Nevada.—Bids are now being received (no opening date set) by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 34 ordinance bldgs., railroad tracks, roads and services at the Naval Ammunition Depot Hawthorne, Nevada. *

BIDS OPENED

LOVELOCK, Nev.—Harold V. Taylor, 124 W. 21st St., Long Beach, Cal., at \$693 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for underfloor drains, etc., at the U. S. Agriculture building and post office at Lovelock.

The bids were:

Harold V. Taylor, Long Beach, Cal.	\$693.00; (a) \$60.
George Goedhart, San Diego	\$1,050.00; (a) \$50.
B. H. Case, Norwood, Ohio	\$1,229.00; (a) \$100.
Nick Hemminga, San Francisco	\$1,350.00; (a) \$60.
Henry L. Grohne, Decatur, Ill.	\$1,573.00; (a) \$80.
Geo. H. Wilkenson, Reno	\$2,422; (a) \$200.
Anderson & McShee, Winnemucca, Nev.	\$2,785; (a) \$61.

CONTRACT AWARDED

PUGET SOUND, Wash.—C. C. Moore & Co., 450 Mission St., San Francisco at \$169,023 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 125,000-lb.-per-hour 400-lb. gauge pressure boiler with water-cooled walls, oil burning

equipment, super-heater, air preheater, water heaters, pumps, fans, air and flue-gas ducts, soot blowers, continuous blow-down feed water treatment, combustion control system and complete wiring and piping systems at the Navy Yard, Puget Sound, Wash.; Spec. No. 8821.

BIDS OPENED

YERBA BUENA SHOALS, Calif.—Venetian Metal Bldg Co., 557 Market St., San Francisco, at \$137,28 submitted low bid to the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush Street, San Francisco, or Venetian blinds for the Federal Bldg., Yerba Buena Shoals.

Complete bids were:

Venetian Metal Bldg Co., San Francisco	\$137.28
Venetian Blind Factory, Ripon	290.00
J. Ruhlman, San Francisco	295.68
D. & N. E. Walters, San Francisco	403.00

CONTRACT AWARDED

FORT CLAYTON, C. Z.—Robert E. McKee, El Paso, Texas, and 4700 San Fernando Rd., Los Angeles, at \$517,000, under items 1, 3, 4, and 7 was awarded contract by the Army Department, QM Construction Division, Washington, D. C., for construction of five barracks buildings at Fort Clayton, Canal Zone.

CONTRACT AWARDED

FORT LEWIS, Wash.—Walter S. Leland Company, 55 New Montgomery St., San Francisco, at \$423,645 awarded contract by the Army Department, Q.M. Construction Division, Wash., D. C., for construction of the central heating plant at McChord Field.

Bids Wanted—To Close Feb. 10.
POSTOFFICE Est. Cost, \$123,000
FULLERTON, Orange Co., Calif.
 New U. S. post office.
 Plans by the United States Government, Plans by the Supervising Architect, Treasury Department, Washington, D. C.
 Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

LOW BIDDERS

DENVER, Colo.—Great Lakes Construction Co., 125 W. Madison St., Chicago, at \$2,978,000 submitted low bid to the Quartermaster Engineer, Fitzsimmons Hospital, Denver, for construction of a hospital building at the Fitzsimmons General Hospital.
 Second and third low bids submitted by Bate, Kiewit & Seerie, Omaha, Neb., at \$2,998,000, and Madsen Const. Co., Minneapolis, Minn., at \$3,028,000.

LOW BIDDERS

SNOHOMISH, Wash.—Wm. Fodge, Montesano, Wash., and Alex Fraser, Aberdeen, Wash., submitted identical low bids at \$24,995 on item 1 to the U. S. Dept. of Interior, Indian Service, Washington, D. C., for construction of a school building at Snohomish, Wash., Taholah Indian Agency.

Work involves construction of a one-story and part basement frame building, approx. 37x70-ft. with an ell approx. 20x37-ft. Plumbing, heating, and electric wiring are included in the contract.

Bids were received with five alternate proposals, all deductions.

Three low bids follow:
 William Fodge, Montesano, Wash., \$24,995; (1) \$572; (2) \$300; (3) \$400; (4) \$50; (5) \$35.

Alex Fraser, Aberdeen, Wash., \$24,995; (1) \$415; (2) \$120; (3) \$225; (4) \$90; (5) \$60.

Daniel Solie, Bremerton, Wash., \$25,762; (1) \$450; (2) \$210; (3) \$300; (4) \$102; (5) \$42.

CONTRACT AWARDED

PUGET SOUND, Wash.—The Winslow Marine Railway & Shipbuilding Co., Inc., Burke Bldg., Seattle, Wash., at \$39,650 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for caisson gate of structural steel, including concrete ballast timber fenders, pumps, gate valves, fittings, motors and electrical work at Navy Yard, Puget Sound; Spec. 8969.

CONTRACT AWARDED

SAN DIEGO, Cal.—Hunt & Curry, Broadway Bldg., San Diego, at \$1,760, awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. 8834, for 100-ft. flagstaff at Naval Operating Base (Air Station), San Diego.

COMPLETE BIDS

PUGET SOUND, Wash.—As previously reported, C. C. Moore & Co., 450 Mission St., San Francisco, at (item 1) \$175,640, and (item 2) \$172,763 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for 125,000-lb.-per-hour, 400-lb. gauge pressure boiler with water-cooled walls, oil burning equipment, super-heater, air preheater, water heaters, pumps, fans, air and flue-gas ducts, soot blowers, continuous blow-down feed water treatment, combustion control system and complete wiring and piping systems at the Navy Yard, Puget Sound, Wash.; Spec. No. 8821.

Complete bids follow:
 C. M. Moore & Co., San Francisco, (item 1) \$175,640, (item 2) \$172,763 (item 3) \$4,510, (item 4) \$6,617.

A. Wilson & Co., N.Y.C., (1) \$187,943, (2) \$185,543, (3) —, (4) \$1,600.
 Gerald P. McManama & Co., Seattle, Wash., (1) \$219,650, (2) —, (3) \$287, (4) \$10,743.

Lorne Plumbing & Heating Co., Detroit, Mich., (1) \$226,400, (2) \$211,500, (3) \$5,900, (4) \$16,000.

University Plumbing & Heating Co., Seattle, Wash., (1) \$225,000, (2) \$216,000, (3) \$480, (4) \$1,545.

Puget Sound Machinery Depot, Seattle, Wash., (1) \$226,346, (2) \$223,395, (3) —, (4) —.

COMPLETE BIDS

FORT LEWIS, Wash.—As previously reported, Walter S. Leland Co., 55 New Montgomery St., San Francisco, at \$539,600 submitted low bid and was awarded contract by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of the central heating plant at McChord Field.

Work involves construction of bldg. approx. (134x70-ft), concrete foundations being done by day labor but contractor required to waterproof them; also furnishing and installing a steam heating plant, coal fed, with four boilers.

Complete bids follow:

Walter S. Leland Co., San Francisco	\$539,600
George A. Fuller Co., Los Angeles	565,000
University Plumbing and Heating Co., Seattle	581,390
C. C. Moore & Co., Seattle	582,500
Puget Sound Machinery Depot, Seattle	623,500

COMPLETE BIDS

FORT LEWIS, Wash.—As previously reported, Ross B. Hammond, Spalding Building, Portland, Oregon, at \$769,000, submitted low bid and was awarded contract by Capt. E. P. Antonovich, Constructing Quartermaster, Fort Lewis, for construction of four-story and basement, solid brick AC Barracks (1285 men) at McChord Field, Washington.

Complete bids follow:

Ross B. Hammond, Portland, Oregon	\$769,000
Madsen Constr. Co., Minneapolis, Minn.	819,700
George A. Fuller Co., Los Angeles	830,000
A. D. Belanger & Co., Seattle, Wash.	885,503
S. Christian Erickson, Tacoma, Wash.	959,427

BID OPENED

LOS ANGELES, Calif.—Peterson Bros., 239 Olive St., Inglewood, at \$4,326 submitted the only bid to the Procurement Division, Public Bldgs. Branch, Wash., D. C., for changes in sanitary sewer and installation of a lawn sprinkler system at the U.S. Quarantine Station at Los Angeles.

BIDS WANTED

PEARL HARBOR, T. H.—As previously reported, until Jan. 18, 11:00 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for four 600-pound oil-fired boilers, settings, air preheaters, draft fans, oil burners, structural supports, boiler appurtenances, and combustion control at the Navy Yard, Pearl Harbor, T. H. Spec. No. 9074 Est. cost, \$350,000.

Specifications may be obtained from the above office or from the Commandant, Navy Yard, Pearl Harbor, T. H., or from the Commandant, Twelfth Naval District, Federal Office Building, Civic Center, San Francisco, Calif., upon deposit of check or postal money order for \$5 payable to the Chief of the Bureau of Yards and Docks.

9— HOSPITALS

SUB-CONTRACTS AWARDED

SAN FRANCISCO.—Star Delta Electric Works, 279 Fremont Street, awarded the following sub-contracts for furnishing and installing one steam turbine generator set at the Laguna Honda Home:

Pipe Work—Martin J. Reeves Heating Co., Inc., 959 Natoma Street, Rigging—W. R. Ballinger & Son, 50 Hawthorne Street.

Turbo-Generator—De Laval Steam Turbine Co., Rialto Building.

Switchboard—Cutler-Hammer, Inc., 970 Folsom Street.

SUB-CONTRACT AWARDED

SAN FRANCISCO.—Otis Elevator Company, 1 Beach St., awarded the following sub-contract for new elevator to be installed in the Psychopathic Bldg., at the San Francisco Hospital, Unit 2, Contract No. 11.

Hollow Metal & Kalamain Elevator Entrances—Forderer Corvior Works, 269 Potrero Ave., San Francisco.

12— POWER PLANTS

CONTRACT AWARDED

BONNEVILLE, Ore.—L. H. Hoffman, 715 S. W. Columbia, Portland, at \$1,176,670, awarded contract by

the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No. 694-39-63, for the completion of the powerhouse structure, including installation of embedded turbine parts, for Units No. 3 to 6, inclusive, at Bonneville Dam, Bonneville, Oregon. * 12

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—Anderson & Rowe, 45 Belcher St., San Francisco, at \$8,377 for mechanical equipment and plumbing, and G. H. Armstrong, 1388 Van Ness Ave. So., San Francisco, at \$2,939 for electric wiring, awarded contracts by the Department of Public Works for mechanical equipment and plumbing, and electrical work for the kitchen and dining room building at Hassler Health Home, San Mateo County.

Project Inactivated COURTHOUSE

PENDLETON, Oregon.
Four-story fire proof courthouse (approx. 125x125-feet) PWA Docket 1333-F.

Owner—Umatilla County Court, Carl W. Chambers, Judge.

Architect—A. E. Doyle & Associate, Pacific Bldg., Portland.

Low Bidder—George Isackson, Worcester Bldg., Portland, \$275,900.

Project inactivated when the court ruled election authorizing project was irregular. Project may be eligible under some future PWA program. 13

Contract Awarded STATE OFFICE BLDG.

Contract Price, \$664,289
OLYMPIA, Washington.
Four-story and basement State office building.

Owner—State of Washington, State Capitol Committee, A. C. Martin, Secretary, Public Lands-Security Bldg., Olympia.

Contractor—MacDonald Building Co., 1517 S. Tacoma Way, Tacoma.
Plumbing-heating contract awarded Rushlight and Co., 407 SE Morrison, Portland, at \$104,976.

BIDS OPENED

YERBA BUENA SHOALS.—Albert E. Mangs & Associates, 666 Mission St., San Francisco, at \$5,496 submitted low bid to the Department of Public Works, Room 251, City Hall, for construction of an exhibit for the Department of Education of San Francisco in the San Francisco Building at the Golden Gate International Exposition on Yerba Buena Shoals.

Only other bid submitted by C. L. Wolf Construction Co., San Francisco, at \$5,064.

Plans prepared by Architect Clarence A. Tantau, 210 Post Street, San Francisco.

COMPLETE BIDS

SAN LUIS OBISPO, Cal.—As previously reported, W. J. Distell, 3110 W 43rd Place, Los Angeles, at \$140,296 submitted low bid to the Board of Supervisors, County of San Luis Obispo, Gwen Marshall, County Clerk, for construction of a 3-story fireproof building, known as Unit No. 3, completing the San Luis Obispo County Court House, at Monterey and Osos Sts., San Luis Obispo.

Bids referred to the architects, A. R. Walker and P. A. Eisen, 437 So. Hill St., Los Angeles, for recommendation.

The building will be 170x60 ft. in area; reinforced concrete construction,

metal lath and plaster partitions, marble and tile work, passenger elevator, low-pressure steam heating plant. Bids were taken as follows:

- (A) base bid;
- (B) elevator;
- (C) heating;
- (D) jail work.

The bid follow:
W. J. Distell, (A) \$140,296; (B) \$7,873; (C) \$5,597; (D) \$8075.
R. J. Daum, (A) \$145,000; (B) \$7500; (C) \$5,597; (D) \$8000.
Chas. J. Dorfman, (A) \$145,280; (B) \$7870; (C) \$8350; (D) \$8130.
Escherich Bros., (A) \$153,990; (B) \$8000; (C) \$7200; (D) \$5760.
Halper Const. Co., (A) \$162,800; (B) \$7542; (C) \$8200; (D) \$8075.
Contracting Engrs. Co., (A) \$166,367; (B) \$7600; (C) \$8000; (D) \$5000.

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Lindgren & Swinerton, 615 Standard Oil Bldg., San Francisco, awarded the following sub-contracts for the construction of the Peace Projects Exhibit Bldg. on Yerba Buena Shoals.
Linoleum—Turner Resilient Floors Inc., 141 New Montgomery St., San Francisco.

Electric Wiring—Charles A. Langlais, 472 Tehama, San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Stairs—Peirano & Drew, 445 Bay Shore Blvd., San Francisco.

Painting—Raphael Co., 270 Tehama St., San Francisco.

Iron—Star Ornamental Iron Works, 227 Bay St., San Francisco.

Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon, San Francisco.

Finish Hardware—E. M. Hundley Co., 662 Mission St., San Francisco. 13

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Lindgren & Swinerton, 615 Standard Oil Bldg., San Francisco, awarded the following sub-contracts for the construction of the State of California Institutional Exhibit Bldgs. on Yerba Buena Shoals.
Asphalt Tie—Turner Resilient Flrs. Inc., 141 New Montgomery Street, San Francisco.

Misc. & Ornamental Iron—Star Ornamental Iron Works, 227 Bay St., San Francisco.

Electric Wiring—Charles A. Langlais, 472 Tehama St., San Francisco.

Painting—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Finish Hardware—E. M. Hundley Hardware Co., 662 Mission Street, San Francisco.

Millwork—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon, San Francisco. 13

NEW BIDS WANTED

VISALIA, Tulare Co., Calif.—Until January 17, new bids will be received by the County of Tulare, Gladys Stewart, Clerk, at the Court House, Visalia, for construction of additions to and remodeling of the Tulare County Hospital, located on North Street, in Visalia. Plans by Architect David H. Horn, Rowell Bldg., Fresno. Cost, \$7,500.

Plans and specifications may be obtained from the Clerk upon deposit of \$10, returnable.

Bids will be opened in the Court House.

Previous bids were rejected as too high.

SUB-CONTRACTS AWARDED

SAN FRANCISCO.—M. E. Vukicevich, 666 Mission St., awarded the following sub-contracts for furnishing and installing plumbing work and wood and glass partitions for Public Welfare Dept., SW Gough and Fell Streets.

Millwork—Acme Mfg. Co., Inc., 345 Bayshore Blvd.

Glass—W. P. Fuller & Company, 301 Mission Street.

Hardware—E. M. Hundley Hardware Co., 662 Mission Street.

Plumbing—Skelly & Kohler, 1342 9th Avenue.

Additional Sub-Contracts Awarded RESIDENCE

SAN FRANCISCO. SW Scott and Green Sts.

Three-story frame and stucco residence (12 rooms, 6 baths, copper roof, gas fired hot air heating system, etc.)

Owner—James Parks Bradley, c/o Architect.

Architect—Gardner A. Dailey, 210 Post St.

Contractor—Jacks and Irvine, 620 Market St., San Francisco.

Structural Steel—Schrader Iron Works, Inc., 1247 Harrison St.

Plumbing—E. Sugarman, 3624 Geary Street.

Hardwood Floors—Inlaid Floor Co., 600 Alabama St.

Reinforcing Bars—W. C. Hauck & Co., 280 San Bruno Ave.

All of San Francisco.

BIDS WANTED

SHANDON, San Luis Obispo Co., Cal.—Until Jan. 12, 8 P. M., bids will be received by the Shandon Union High School District, Gwen Marshall, County Clerk, for construction of main building addition and equipment, located at Shandon, Calif.

Plans and specifications obtainable from the architects' office, Frank Wynkoop, 420 Haberfelde Bldg., Bakersfield, upon deposit of \$10, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the office of Shandon Union High School at Shandon.

Contract Awarded SOUTH TOLL STRUCTURES

Contract Price, \$6,353

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

South Toll Structures; Contract No. 175.1.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street, San Francisco.

Contractor—P. J. Walker Company, 607 Sharon Bldg., San Francisco.

Bids Wanted—To Close January 9, 3 P. M.

EQUIPMENT Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Equipment for Pacific Bldg. Contract No. 198.7.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street, San Francisco.

Plans and specifications obtainable from the above office, Room 222, upon deposit of \$20.00.

Contract Awarded
WIRE FENCING Cont. Pr., \$6,736.58

YERBA BUENA SHOALS. Site of the 1939 World's Fair

Wire Fencing, Contract No. 226.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street, San Francisco.
Contractor—Wickwire - Spencer Steel Co., 101 Townsend Street, San Francisco.

Bids Wanted—To Close January 9, 3 P. M.

TOLL STRUCTURES Cost, \$.....
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

West Ferry, Toll Structures. Contract No. 175.2.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco.
Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street, San Francisco.
Plans and specifications obtainable from the above office, Room 222, upon deposit of \$20.00.

Complete Bids
STATE OFFICE BLDG.
OLYMPIA, Washington.

Four - story and basement State Office building.

Owner — State of Washington, State Capitol Committee, A. C. Martin, Secretary, Public Lands - Social Security Bldg., Olympia.

Architect—Jos. Wohleb, Olympia.
Low Bidder—MacDonald Bldg. Co., 1517 South Tacoma Way, Tacoma \$664,289.

Complete bids follow:

General
MacDonald Building Co., Tacoma\$664,289

L. H. Hoffman, Portland..... 675,692
A. D. Belanger, Seattle..... 678,888
Ross E. Hammond, Portland. 690,500

Mechanical
Rushlight & Co., Portland.....\$104,976
Westlake Pibg. & Htg. Co., Seattle 109,992

General Installation Co., Olympia 112,131
Rautman Pibg. & Htg. Co., Seattle 116,000

University Pibg. & Htg. Co., Seattle 118,977
Hellenthal Pibg. & Htg. Co., Seattle 119,990

Lord & Loryea, Portland..... 122,591
Gehri Htg. & Pibg., Tacoma. 124,500

Electrical
Lighthouse Elec. Co., Tacoma. \$40,267
Wire Electric Co., Tacoma..... 42,000
Van S. McKenny, Inc., Seattle 42,840
Raymond Electric Co., Tacoma 44,250
O. A. Carlson Electric Co., Seattle 45,038

NePage - McKenny Co., Seattle 45,999
Mecham & Babcock, Seattle. 47,777

Electrical Fixtures
Brown Johnston Co., Spokane. \$10,498
Seattle Lighting Fixture Co., Seattle 11,445
Dwyer & Co., Seattle..... 14,355
Cascade Fixture Co., Seattle..... 14,858
NePage-McKenny Co., Seattle 14,910
City Electric & Fixture Co., Seattle 15,423

Bids Wanted—To Close January 9, 3 P. M.

FERRY BLDG.
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Construction of East Ferry Building; Contract No. 201.1.

Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Plans and specifications obtainable after 2 P. M., January 6, from the above office, Room 222, upon deposit of \$20.

Contracts Awarded
STATE OFFICE BLDG.
OLYMPIA, Washington.

Four-story and basement State Office building.

Owner — State of Washington, State Capitol Committee, A. C. Martin, Secretary, Public Lands-Social Security Bldg., Olympia.

Architect—Jos. Wohleb, Olympia.
General Work
MacDonald Bldg. Co., 1517 South Tacoma Way, Tacoma, \$664,289.

Electrical Work
Lighthouse Elec. Co., Tacoma, \$40,267.

Electric Fixtures
Brown Johnston Co., Spokane, Wash., \$10,498.

Mechanical bids held under advisement.

Bids Wanted — To Close January 31, 2:00 P. M.

ATTENDANTS QUARTERS
YOUNTVILLE, Napa Co., Calif.

Hospital attendants quarters consisting of a two-story reinforced concrete building with steel sash and tile roof.

Owner—State of California.
Architect—State Division of Architecture, W. K. Daniels, Acting State Architect, Public Works Bldg., 12th and N Streets, Sacramento.

Separate bids will be received for (1) general work (2) electrical work (3) plumbing work and (4) heating work.

Plans and specifications obtainable from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25, returnable. Bid must be accompanied by cashier's or certified check payable to the Director of Public works in the amount of 10% of the bid.

LOW BIDDERS
SAN LUIS OBISPO, Calif.—W. J. Distel, 1284 Rigby Drive, Los Angeles, at \$140,296 submitted low bid to the Board of Supervisors, County of San Luis Obispo, Gwen Marshall, County Clerk, for construction of a three-story fireproof building, known as Unit No. 3, completing the San Luis Obispo County Court House, at Monterey and Osos Sts., Sa Luis Obispo.

Plans by Architects, A. R. Walker and P. A. Eisen, 437 South Hill St., Los Angeles.

Second low bid submitted by R. J. Daum, Ingiewood, at \$145,000.

Bids have been referred to the architects.

BIDS OPENED
YERBA BUENA SHOALS.—Albert E. Mangs & Associates, 666 Mission St., San Francisco, at \$3,286.00, with an alternate deduction of \$40 for ceiling finish, submitted low bid to the Department of Public Works, Room 251, City Hall, for construction of an exhibit for the Department of Recreation of San Francisco in the San Francisco Building at the Golden Gate International Exposition on Yerba Buena Shoals.

Only other bid submitted by C. L. Wold Construction Co., San Francisco at \$4,298, with an alternate deduction of \$150.

Plans prepared by Architect Clarence A. Tantau, 210 Post Street, San Francisco.

SUB-CONTRACTS AWARDED
YERBA BUENA SHOALS.—Lindgren & Swinerton, 915 Standard Oil Bldg., San Francisco, awarded the following sub-contracts for the construction of the San Joaquin Valley Exhibitions.

Electric—Charles A. Langlais, 472 Tehama St., San Francisco.

Glass—W. P. Fuller Co., 301 Mission St., San Francisco.

Painting—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.

Linoleum—Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.

Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon San Francisco. 13

AWARD RECOMMENDED
SAN MATEO COUNTY, Cal.—Anderson & Rowe, 45 Belcher St., San Francisco, at \$5,377 for mechanical equipment and plumbing, and G. H. Armstrong, 1388 Van Ness Ave. So., San Francisco, at \$2,939 for electrical wiring, were recommended to PWA for awards of contracts for mechanical equipment and plumbing, and for electrical work for the kitchen and dining room building at Haasler Health Home, San Mateo County.

14— RESIDENCES

Low Bidder
RESIDENCE
EL CERRITO, Contra Costa Co., Cal.

Two-and part three-story frame residence (tile roof, hardwood flrs., tile baths, etc.).

Owner—Sheldon Kellogg, c/o Arch. Architect—Warren C. Perry, 260 California St., San Francisco.

Low Bidder—Emil Person, 829 San Luis Road, Berkeley.
Bids held under advisement.

Preparing Plans
RESIDENCE Cost, \$15,000
HILLSBOROUGH, San Mateo Co.

Two - story frame residence (eight rooms, two baths) shake shingle roof, hardwood floors, tile baths, double garage, etc.

Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Construction Underway
RESIDENCE
SANTA ROSA, Sonoma Co., Calif.

One-story frame and wood siding residence, (5 rooms) tile baths, wood sash, hardwood floors, etc.

Owner—J. C. Polhemus.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Contract Awarded
ALTERATIONS AND ADDITIONS
Contract Price, \$9,649
SEBASTOPOL, Sonoma Co., Calif.

Alterations and additions to residence involving shake roof, hardwood floors, gas fired hot air heating system, etc.

Owner—Harry Fuller, c/o Architect. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—N. Nelson, Rte. 1, Box 28, Sebastopol.

Bids In—Under Advisement.
RESIDENCE Cost, \$.....
EL CERRITO, Contra Costa Co., Cal.

Two- and part three - story frame residence (tile roof, hardwood floors, tile baths, etc.)

Owner—Sheldon Kellogg, c/o Arch. Architect—Warren C. Perry, 260 California St., San Francisco.

Announcement shortly.
(1249) 1st rep. Dec. 27, 1938. 14

Preparing Preliminary Plans
FLATS Cost, \$25,000
SAN FRANCISCO, East of Twin Peaks.

Two-story frame and stucco residence and flat buildings; gas fired hot air heating system, hardwood floors, tile baths, etc. Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Preparing Working Plans

RESIDENCE Cost, \$.....
SAN CARLOS, San Mateo Co., Cal.
One-story frame and stucco residence (5 rooms) 2-car garage, shingle roof, hardwood floors, tile bath. Owner—Withheld.
Architect—Oscar R. Thayer, 557 Market St., San Francisco.
Plans will be completed and bids asked of a selected list of contractors about January 15.

Completing Plans

RESIDENCE Cost, \$.....
REDWOOD CITY.
1½-story frame residence (6 rooms) two-car garage, exterior of redwood siding and cement plaster, cedar shingle roof, hardwood fl., tile bath, etc.
Owner—Withheld.
Architect—Oscar R. Thayer, 557 Market St., San Francisco.
Plans will be completed and bids asked of a selected list of contractors in about one week.

Segregated Bids Wanted

RESIDENCE Cost, \$20,000
BERKELEY, Alameda Co., Cal. Arlmondo Village.
Two-story frame and stucco residence (10 rooms, 4 baths).
Owner—J. R. Miller.
Architect—Not Given.
Contractor—Millar White, Arlington Ave. and Arlmondo Dr., Berkeley (Ashbury 7377).
Segregated bids are now being received by the contractor on the following: Plumbing, electrical work, hardwood floors, plastering, sheet metal, iron work, tile roof.

Contract Awarded

RESIDENCE Cost, \$12,623.00
OAKLAND, Ala. Co., Calif. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.
Contractor—J. B. Peterson & Son, 4021 Agua Vista St., Oakland.

Construction Started

RESIDENCE Cost, \$4500
SANTA ROSA, Sonoma Co., Calif.
One-story frame and stucco residence (6 rooms), hardwood flrs., etc.
Owner—C. O. Bridges.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Plans Completed

RESIDENCE Cost, \$5000
SANTA ROSA, Sonoma Co., Calif.
One-story frame and wood siding residence (5 rooms), hardwood floors, tile bath, wood sash, etc.
Owner—C. Yorke.
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Contract Awarded

RESIDENCE Cost, \$10,000
SAN FRANCISCO, E. Rossi Ave. 66 ft. N. of Turk St.
Two-story and basement frame and stucco residence.
Owner—Cella Haltz, 321 Kearny St.

Architect—Not given.
Contractor—Oliver M. Rousseau, 321 Kearny St. 14

15—SCHOOLS

Contract Awarded SCHOOL BUILDING

Contract Price, \$118,924
EUGENE, Ore. University of Oregon campus.
Three-story brick classroom building. Owner—State Board of Higher Education, Charles D. Byrne, Secty., Oregon Bldg., Portland.
Architect—Lawrence, Holford, Allyn & Bean, Failing Bldg., Portland.
Contractor—Stein Bros., Eugene. 15

CONTRACT AWARDED

POMONA, Los Angeles Co., Cal.—Bakker & Robinson, 511 Base Line, January 5, 1939

Award Recommended

SCHOOL BLDG. Cost, \$.....
IRVINGTON, Alameda Co., Calif. Irvington School.
One-story grammar school bldg. to contain seven classrooms, gym-auditorium, etc.
Owner—Irvington Elementary School District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.
Low Bidder—J. R. Armstrong, 834 E. Tenth Street, Oakland.
Recommendation made to PWA that contract be awarded the low bidder at \$55,890, which includes deduction of \$500 for the old building. No alternate proposals were considered.

San Bernardino, awarded contract by Pomona Board of Education at \$54,679 for construction of a boys' gym. on the high school site in Pomona. Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena. 15

CONTRACT AWARDED

WASCO, Kern Co., Cal.—Wm. P. Nell Co., 4814 Loma Vista Avenue, Los Angeles, awarded contract for a one-story Class D store building (50x110-ft.) to be built on "E" Street, Wasco, for Safeway Stores. Cost, \$10,000. Frank D. Harrington, architect, 435 H. W. Hellman Bldg., Los Angeles. 15

BIDS WANTED

ARCADIA, Los Angeles Co., Calif.—Until January 19, 4 P. M. (bids to be opened at 7:30 P. M. on that day) bids will be received by the Arcadia City School District for a reinforced concrete kindergarten building and a manual training building, together with connecting passageways, to be built at the First Ave. school in Arcadia, a PWA project. Plans and specifications may be obtained from Architect Paul Kingsbury, 803 West 3rd St., Los Angeles, upon deposit of \$25. S. B. Barnes, structural engineer. Est. cost, \$85,000. 15

BIDS REJECTED—

NEW BIDS WANTED
GUSTINE, Merced Co., Calif.—Until Jan. 20, 8 P. M., new bids will be received by the Gustine Union Elementary School District for the construction, furnishing and installation of Stage Equipment and Seating in connection with a combination Auditorium-Gymnasium Bldg. located at Gustine, Merced County, Calif.
Plans and specifications may be obtained from the Architects, Franklin & Kump, Jr., 202 T. W. Patterson Bldg., Fresno, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond

for 5% of bid and will be opened in the principal's office of the Gustine Union Elementary School.

Bids received Dec. 23 were rejected because stage curtains specified in the bids were not considered equal to the high standard of other equipment. The new bids will specify each type of equipment instead of collectively.

Completing Working Drawings

CHAPEL, ETC. Cost, \$110,000
SAN RAFAEL, Marin Co., Calif. Edgehill Road.

New two-story chapel and dormitory building, (frame and stucco construction with tile roof) at Dominican College.

Owner—Dominican College, San Rafael.

Architect—Arnold Constable, 581 Market St., San Francisco.

Plans will be completed and figured by a selected list of contractors in about ten days.

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Calif.—Until Jan. 11, 8 P. M., bids will be received by the Santa Maria Union High School District for an addition to the main building at Santa Maria high school, a PWA project. Plans and specifications may be obtained from Architect Louis N. Crawford, Gibson-Drexler Bldg., Santa Maria, upon deposit of \$20. Certified or cashier's check or bond for 5% required. Est. cost, \$112,000. 15

Award Recommended

AUDITORIUM, ETC.
PATTERSON, Stanislaus Co., Calif. Reinforced concrete auditorium and frame stucco classroom addition to high school.
Owner—Patterson Union High School District.

Architects—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.
Low Bidder—R. W. Brown Const. Co., 400 North "C" St., Madera.

Recommendation made to PWA that contract be awarded low bidder at \$70,223, which includes deduction of alternates 1, 2, 3 and 4.

The three low basic bids were:
R. W. Brown Const. Co., Madera..... \$96,124

Midstate Construction Co., Fresno..... 96,473
C. E. Totten, Stockton..... 96,998

CONTRACT AWARDED

SAN JUAN CAPISTRANO, Orange Co., Calif.—Willard Lutz, 1516 Rosalia Road, Los Angeles, submitted low bid and was awarded contract by the San Juan Capistrano Union High School District at \$84,500, accepting all alternates for a one-story classroom building to be built at the Capistrano high school, a PWA project. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles; Wm. T. Wright, structural engineer. 15

Bids Opened

SCHOOL BLDG.
IRVINGTON, Alameda Co., Calif. Irvington School.

One-story grammar school bldg. to contain seven classrooms, gym-auditorium, etc.

Owner—Irvington Elementary School District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.

Low Bidder—J. R. Armstrong, 834 E. Tenth St., Oakland, \$55,390.

Bids were received with six alternate proposals and five unit prices the acceptance or rejection of which might change the low bidder.

Complete basic bids, together with

the amounts offered for the old building follow:

- J. R. Armstrong, Oakland, \$56,390 (1) \$500.
- A. T. Beckett, Piedmont, \$56,591 (1) \$250.
- Carl N. Swenson Co., San Jose, \$59,855 (1) \$250.
- Willis F. Lynn, Oakland, \$59,811 (1) \$100.
- F. C. Stolte Company, Alameda, \$63,888 (1) \$100.
- Frank Eyre, San Francisco, \$63,987 (1) \$400.
- Peter Sartorio, San Francisco, \$64,932 (1) \$75.
- George Swanstrom, Oakland, \$66,488 (1) \$60.
- S. G. Johnson, Oakland, \$67,400 (1) \$10.
- George Petersen, San Leandro, \$67,906 (1) \$25.
- N. H. Shoberg & Son, Oakland, \$68,074 (1) \$1.
- Nielsen & Erbentraut, San Jose, \$69,027 (1) \$1.

BIDS WANTED

WHITTIER, Los Angeles Co., Cal.—Until Jan. 19, 4:30 P. M., (bids to be opened by school district about 7 P. M.), bids will be received by Architect Wm. H. Harrison, 1101 Architects' Bldg., Los Angeles, for construction of a new auditorium bldg. and reconstruction and strengthening of a classroom building at the Whittier high school for the Whittier Union High School District, a PWA project. The auditorium bldg. will seat 2500 persons and will contain a little theater to seat 300 persons, a band room, stagecraft room, balcony, sound and motion picture equipment, full stage, toilet rooms, dressing rooms and ticket office. Total cost is estimated at \$425,000. All work included in the general contract. Plans will be available at the office of the architect upon deposit of \$75. Bond or certified check for 5% to accompany bid. * 15

BIDS WANTED

ESPARTO, Yolo Co., Calif.—Until Jan. 17, 8 P. M., bids will be received by the Board of Trustees of Esparto Union High School District of Yolo County, Roy A. Mast, Clerk, for insulation of the entire present ceiling of the said Esparto Union High School Building, including space over stage.

Specifications may be obtained in the office of the Board of Trustees in the Esparto Union High School Bldg.

Bids must be accompanied by certified check for 5% of bid payable to the Esparto Union High School District. * 15

Low Bidders

SCHOOLS
KLAMATH FALLS, Oregon.
 Construction of Unit F, new Crescent School; Unit H, Chiloquin Grade School addn.; Unit J, Sprague River School addn; Unit K, Bly School addn.
 Owner—Klamath County School District, Jean K. Porter, Clerk.
 Architect—Howard R. Perrin, Klamath Falls.
 Unit F—George Buckler, Lewis Bldg. Portland, \$59,624.
 Unit H—E. Gray, Klamath Falls, \$13-580.00.
 Unit J—M. W. Cherry, \$11,735.
 Unit K—H. E. Roskamp, \$5,663.
 Contracts awarded low bidders subject to PWA approval. * 15

TO ASK BIDS

PHOENIX, Ariz.—Phoenix Union High School and Jr. College District will call for bids shortly for the scl-

ence and auditorium bldgs. to be built at the new Phoenix high school, a PWA project. Plans for the science bldg., est. to cost \$195,807, were prepared by Architect Orville A. Bell, Heard Bldg., Phoenix. Plans for the auditorium bldg., est. to cost \$69,066, were prepared by Architect H. H. Green, Professional Bldg., Phoenix. Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix, are consulting architects. 15

Bids Opened

ADDITION
SALINAS, Monterey Co., Calif. All-sal Elementary School.
 Owner—Alisal Union Elem. Sch. District, Leo. V. Anderson, Clerk. Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
 Low Bidder—John E. Branagh, 116 Monticello Ave., Piedmont.
 Recommendation made PWA that contract be awarded low bidder at \$67,172, which includes deduction of alternates 1, 2, 3, 4, 5, HC, and 10.
 Complete basic general bids and equipment bids follow:

General
 John E. Branagh, P.Piedmont, \$68,900
 F. C. Stolte Co., 203 Pine St., Pacific Grove 70,800
 B. A. Howlins & Co., 1182 Market St., San Francisco..... 71,500

588 Opera Chairs
 Ideal Seating Company\$2,769.48
 American Seating San Francisco 3,288.62
 Rucker-Fuller Co., San Francisco 3,645.95

588 Plywood Seats
 American Seating Co., San Francisco\$2,404.39
 Rucker-Fuller Co., San Francisco 2,543.34
 Ideal Seating Co., San Francisco 2,828.60

Folding Chairs
Per Chair
 Rucker-Fuller Co., San Francisco\$2.32
 The Gill-Mann Co., San Francisco 2.35
 J.W. Fricke Co., San Francisco 2.43
 American Seating Co., San Francisco 2.45
35 Seats and Desks
 J. W. Fricke Co., San Francisco\$460.00
 Mills Company 463.40
 American Seating Co., San Francisco 483.07
 The Gill-Mann Co., San Francisco 522.23
 Rucker-Fuller Co., San Francisco 535.34

8 Library Tables
 The Gill-Mann Co., San Francisco\$164.80
 J. W. Fricke Co., San Francisco 206.35
 Rucker-Fuller Co., San Francisco 210.12
 American Seating Co., San Francisco 212.18
 Mills Company 280.00

42 Library Chairs
 American Seating Co., San Francisco\$147.95
 J. W. Fricke Co., San Francisco 153.30
 Rucker-Fuller Co., San Francisco 183.26
 The Gill-Mann Co., San Francisco 194.67
 Mills Company 208.70
4 Chairs and 4 Desks
 Mills Company 112.00
 J. W. Fricke Co., San Francisco 115.00
 The Gill-Mann Co., San Francisco 120.51
 American Seating Co., San Francisco 125.66
 Rucker-Fuller Co., San Francisco 125.66

Francisco 140.05
3 Tables
 American Seating Co., S.F.\$56.39
 J. W. Fricke Co., S. F. 61.80
 The Gill-Mann Co., S.F. 61.80
 Rucker-Fuller Co., S.F. 71.22
20 Tables
 The Gill-Mann Co., S. F.\$197.76
 American Seating Co., S.F. 223.51
 J. W. Fricke Co., S.F. 232.40
 Mills Company 270.00
 Rucker-Fuller Co., S.F. 270.89

46 Chairs
 American Seating Co. .S.F.\$162.04
 The Gill-Mann Co., S.F. 165.83
 J. W. Fricke Co., S.F. 167.90
 Mills Company 172.50
 Rucker-Fuller Co., S. F. 201.37
Key Cabinet
 American Seating Co., S.F.\$22.66
 J. W. Fricke Co., S.F. 58.00

Office Table
 American Seating Co., S.F.\$26.52
 Rucker-Fuller Co., S. F. 30.90
 Mills Company 35.00
Duplicating Machine
 Underwood Elliott Fisher Co., S. F.\$187.15
 American Seating Co., S.F. 188.34

Projection Room Spotlight
 The Gill-Mann Co., S.F.\$42.00
 F. C. Stolte Co., Pacific Grove 60.00

16 Millimeter Machines
 The Gill-Mann Co., S.F.\$354.65
 F. C. Stolte Co., Pacific Grove 538.00

Border Lights
 The Gill-Mann Co., S.F.\$154.93
 F. C. Stolte Co., Pacific Grove 461.00

Foot Lights
 The Gill-Mann Co., S.F.\$218.75
 F. C. Stolte Co., Pacific Grove 264.00
Stage Furniture and Draperies
 The Gill-Mann Co., S. F.\$218.75

Low Bidders
HIGH SCHOOL
MARSHFIELD, Oregon
 Construction of senior high school building, gym and natatorium.
 Owner—School District No. 9, Coos County, Oregon, Lynn A. Parr, Clerk.
 Architect—F. M. Stokes, 1301 Terminal Bldg., Portland.
 Low Bidder—Dougan-Hammond Construction Co., Rothchild Building, Portland, \$259,569.
 Second low bid submitted by Robertson, Hay and Wallace, Portland, at \$360,879. * 15

Contract Awarded
HIGH SCHOOL
 Contract Price, \$131,700
GRANTS PASS, Oregon.
 One-story high school (164x331 feet) containing 14 classrooms and two library rooms.
 Owner—School District No. 7, Josephine County, Oregon.
 Architect—Glenn Stanton, 528 Railway Exchange Bldg., Portland.
 Contractor—Sig Ash, 3544 SE Milwaukie, Portland. 15

CONTRACT AWARDED
KERN COUNTY—Guy E. Hall, 1122 Truxton Ave., Bakersfield, awarded contract by the Panama School District, at \$85,291, for the construction of a classroom, auditorium and cafeteria bldg. at the Panama school in Kern county. Award made on alternate No. 8. Plans by Symmes & Willard; Stanton Willard, architect, 1314 17th St., Bakersfield. Donald F. Shugart, structural engineer, Los Angeles; Del Reynolds, mechanical engineer, Los Angeles.

Contract Awarded FOUNDATIONS

Contract Price \$3,280
SACRAMENTO Sacto. Co., Calif.
 Construction of foundations for the additions to the John Muir Elementary School.
 Owner—Sacramento City Unified School District, Chas. C. Hughes, Secy.
 Architects—Starks & Flanders, Bank of America Bldg., Sacramento.
 Contractor—Chas. F. Unger, 2426 7th Ave., Sacramento.

Sub-Contracts Awarded SHOP AND GYM

Contract Price, \$171,350
EL CERRITO, Contra Costa County, Calif., S.E. corner Eureka Ave. and Key Route Right-of-Way.
 New shop building and gymnasium building for El Cerrito High School District. (W. T. Helms, Secy.).
 Owner—Richmond Union High Sch. Architects—Dragon & Schmidts, 2068 Allston St., Oakland.
 Contractor—Elmer J. Freethy, 224 16th St., Richmond.
 Roofing—Wm. E. West, 1222 Brighton Ave., Albany.
 Plumbing & Heating—W. H. Timmons, 316 15th St., Richmond.
 Electric Wiring—Kerr & Clifford, 4010 Foothill Blvd., Oakland.
 Sheet Metal—Richmond Sheet Metal Works, 520 16th St., Richmond.
 Tile Work—Rigney Tile Co., 3012 Harrison, Oakland.
 Glass—W. P. Fuller & Co., 259 10th St., Oakland.
 Window Shades—D. N. & E. Walter & Co., 562 Mission St., San Francisco.

Hardwood Floors—Rex Floor Co., 2468 65th Ave., Oakland.
Excavation—J. Catucci, 1212 18th Ave., Oakland.

Lumber—San Pablo Lumber Company, Richmond.
Mill Work—Pacific Mfg. Co., 1315 7th St., Oakland.
Painting—Mark Miller, 1440 High St., Oakland.

Lathing & Plastering—Fatta & Rinaldi, 5558 Claremont, Oakland.
Cement—Pacific Portland Cement Co., 111 Sutter, San Francisco.
Concrete—Golden Gate Stucco Company, Brighton and Masonic Aves., Albany.

Patent Hardware—Universal Window Co., 950 Parker, Oakland.
Steel Sash—Gleason Steel Products, 1310 63rd Ave., Oakland.
Blackboards—J. W. Fricke Co., 420 Market St., San Francisco.
Toilet Stalls—Munthe Equipment Co., 604 Mission St., San Francisco.
Steel Dockers—Berger Mfg. Co., 604 Mission St., San Francisco.
Reinforcing Steel—McGrath Steel Co., 354 Hobart, Oakland.
Structural Steel—Independent Iron Works, 821 Pine St., Oakland.

Completing Working Drawings SCHOOL Cost, \$150,000
SACRAMENTO, Sacto. Co., Calif. Sacto. Senior High School.

One- and part two-story concrete and steel assembly building containing two choral rooms and band rooms, two classrooms and six practice rooms.
 Owner—Sacramento City Unified School Dist., (Chas. C. Hughes, Secy.).
 Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.
 Plans will be completed shortly and bids asked.
 H. W. Robertson, 3004 F Street, Sacramento, recently awarded contract to excavate site.

Low Bidders SCHOOL BLDG.
KERN COUNTY, near Bakersfield.
 School building to contain three classrooms, cafeteria and toilet building. (Frame and stucco construction, steam heating, etc.).
 Owner—Greely Elementary School District.

Architects—Franklin & Kump, Jr., 256 Haberfelde Bldg., Bakersfield.
 Low Bidder—J. N. Harvey, 1114 Stockton St., Bakersfield, \$42,488.
 Second low bid submitted by Alva Hackney & Sons, Bakersfield, at \$42,-600.

CONTRACTS AWARDED

ALBANY, Alameda Co., Calif.—Rucker-Fuller Co., 539 Market St., San Francisco, at \$3594.13 for equipment and furniture, and Trask and Squier Co., Inc., 39 Natoma St., San Francisco, at \$228.50 awarded contracts by the City of Albany. Leon R. Hess, Director, for furnishing and installing equipment and metal lockers in the Fourth Unit to the High School Building located at Garfield Ave. and Key Route Blvd., Albany. Architects, Dragon & Schmidts, 2068 Allston Way, Berkeley.

SUB-CONTRACTS AWARDED

REDLANDS, San Bernardino Co., Calif.—L. P. Scherer, 208½ Orange Street, Redlands, awarded the following sub-contracts for construction of a shower and locker room building (57x116-ft.) to be built at the Redlands jr. high school, a PWA project. Marsh, Smith & Powell, architects, 516 Architects' Building, Los Angeles.
Plumbing—P. J. McClean, Redlands.
Electric Wiring—Redlands Electric Co., Redlands. * 15

CONTRACT AWARDED

SAN FRANCISCO—Ocean Shore Iron Works, 550 8th St., at \$145,000 awarded contract by the Department of Public Works, Room 251, City Hall, for retubing boiler at Guadalupe School, Cordova and Prague Streets. * 15

BIDS WANTED

PHOENIX, Ariz.—Until Jan. 24, 7 P. M., bids will be received by the Phoenix Union High School and Junior College District for a science building and an auditorium building to be built at the new high school in Phoenix, a PWA project. Bids will be taken as follows: (1) for the science bldg. and auditorium bldg.; (2) for the science bldg.; (3) for the auditorium bldg. Plans and specifications may be obtained from Lescher & Mahoney, consulting architects, 1100 Title & Trust Building, Phoenix, upon deposit of \$25 for each set. Certified or cashier's check for 5% required. Plans for science building, estimated to cost \$195,807, were prepared by Architect Orville A. Bell, Heard Bldg., Phoenix. Plans were prepared by Architect H. H. Green, Professional Bldg., Phoenix. * 15

Sub-Contracts Awarded

SCHOOL ADDITIONS
 Contract Price, \$63,965
SACRAMENTO, Calif. C. K. McClatchy High School.
 Construction of additions to the main building and gymnasium building.
 Architects—Starks and Flanders, 310 Bank of America Bldg., Sacramento.
 Contractor—Lawrence Constr. Company, 2574 18th St., Sacramento.
Plumbing—Leonard U. Plummer, 1019 J Street.
Electric Wiring—Luppen & Hawley, Inc., 3126 J Street.

Heating—A. W. Sweet, 112 W. Bas-setlaw Ave.
Sheet Metal—Frank Z. Ahl Sheet Metal, 2114 P St.
Tile Work—H. O. Adams, 911 26th Street.
Glass—American Fuel & Materials Co., 2701 Stockton Blvd.
Iron Grille Work—Palm Iron and Bridge Works, P. O. Box 746.
Grading—G. Lentz, 2548 41st Street.
Lumber—Diamond Match Co., Chicó.
Linoleum—H. W. Rivett Co., 2300 Y Street.
 All of Sacramento.

16—BANKS, STORES AND OFFICES

Contract Awarded MEDICAL BUILDING
BERKELEY, Ala. Co., Calif.
 Two-story frame and stucco doctors' office building of modern design (30x120-ft.) composition roof, steel sash, etc.
 Owner—Withheld.
 Architect—John E. Dinwiddie, 360 Pine St., San Francisco.
 Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

PLANS BEING FIGURED
SAN BERNARDINO, Calif.—Until January 10, Southern California Gas Co., 810 S. Flower St., Los Angeles, is taking bids for a reinforced concrete office, storeroom and shop building and an auditorium to be built at 155 S. "G" St., San Bernardino, for the company. Total est. cost, \$90,000. * 16

Bids Opened STORE BUILDING
EUREKA, Humboldt Co., Cal. F St. bet. Fourth and Fifth Streets.
 Reinforced concrete store building.
 Owner—William Smith.
 Architect—Wm. E. Schirmer, 1106 Broadway, Oakland.
 Low Bidder—Clarence H. Thrams, 28 Home Place, Oakland, \$36,307.

Complete bids were:
 Clarence H. Thrams, Oakland.....\$36,307
 D. W. Nicholson, Oakland..... 37,653
 Moore & Roberts, S. F..... 38,683
 F. J. Maurer & Son, Eureka..... 41,140
 Mercer-Praser Co., Eureka..... 44,990

Bids Opened STORE
SACRAMENTO, Cal. 16th and H Sts.
 One-story frame store building.
 Owner—Safeway Stores, Inc.
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.
 Low Bidder—L. F. Gould, 1623 O St., Sacramento, \$14,873.
 Complete bids follow:
 L. F. Gould, Sacramento,\$14,873
 H. W. Robertson 14,988
 Chas. F. Unger 15,100
 W. E. Truesdale 15,185
 Jul Johnson and Son 15,328

Contract Awarded ALTER GARAGE Cost, \$.....
SAN FRANCISCO, 663 Sutter St.
 Alterations to The Olympic Garage.
 Owner—The Olympic Garage.
 Engineer—W. Adrian, 417 Market St.
 Contractor—Cahill Bros. 206 Sansome Street. *

Plans Completed SHOP Cost, \$5000
SANTA ROSA, Sonoma Co., Calif.
 One-story frame floral shop bldg.
 Owner—A. Zampaglia & Ralph Lewis.
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.
 Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

Contract Awarded
ALTERATIONS
 SAN FRANCISCO. 761 Market St.
 Alterations to cafe.
 Owner—Mannings, Inc., 365 Brannan
 Street.

Cost, \$8000

Architect—Not given.
 Contractor—Dinwiddie Constr. Co.,
 210 Crocker Bldg. 16

19—MISC. CONSTRUCTION

CONTRACT AWARDED

PORTLAND, Ore.—Allyn & Bingham, Couch Bldg., Portland, at \$184,500 (all Wolman salts treated timbers), were awarded contract by Port of Portland, for construction of 10 wood towers on 5 pontoons of existing drydock No. 2, replacing existing wooden towers, a PWA project. Complete bids were:
 Allyn & Bingham, (a) all creosoted treated timbers, \$195,440, (b) all Wolman salts treated timbers, \$184,500, (c) combination of two treatments, \$193,800.

Parker-Schram, (a) \$238,000, (b) \$224,900, (c) \$237,000.

Commercial Iron Works, (a) \$247,998, (b) \$236,998, (c) no bid.
 Gilpin Constr. Co., (a) \$250,000, (b) \$235,000, (c) \$242,000.

All bids received Dec. 15 for steel towers were rejected.

Port officials will ask PWA to change award so that proposal "C" for combination treatment may be accepted. 19

BIDS OPENED

BOULDER CANYON PROJECT.
 —San Gorgonio Rock Products, Box 158, Banning, at \$49,270.00, submitted low bid to Bureau of Reclamation, Federal Bldg., Yuma, for preparation of concrete aggregates near Sta. 116 of All-American Canal, All-American canal system, Boulder Canyon project; Spec. 1159-D. The work involves:

- (1) 11,000 c.y. stripping;
- (2) 46,000 c.y. preparing and stockpiling sand;
- (3) 65,000 c.y. preparing and stockpiling gravel in 3 sizes.

The other bids were:
 Geo. Pollock, Sacramento, \$63,270
 E. M. Hawley, Santa Ana, 64,379
 Triangle Rock & Gravel Co.,
 San Bernardino, 67,555
 R. E. Hazard & Sons, San
 Diego, 68,250
 Shofner & Gordon, Los
 Angeles, 68,795
 Fegles Constr. Ltd., 167,650

CONTRACT AWARDED

TACOMA, Wash.—American Concrete and Steel Pipe Co., Tacoma, at \$384,146 awarded contract by the Board of Contracts and Awards, 307 City Hall, Tacoma, for furnishing and installing 16,580 ft. of 58-in. inside dia. coal tar enameled steel pipe or an equal length and size of Lock Joint concrete pipe with fittings and structures. 19

CONTRACT AWARDED

SAN FRANCISCO.—M. E. McGowan, Inc., 74 New Montgomery Street, San Francisco, at \$3,992, awarded the contract by Department of Public Works, Room 251, City Hall, for repairing bulkhead on the west side of the Great Highway at Taraval Street. 19

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until January 3, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, 208 Old Post Office Bldg., 7th and K Sts., Sacramento,

under Bid No. K-2962-A, for corrugated metal pipe and 12-inch coupling bands; fob shipping point and/or Coram.

Plans and specifications may be obtained from the above office.

BIDS OPENED

TACOMA, Wash.—R. G. Clifford, 215 Market St., San Francisco, at \$349,036, (steel) submitted low bid to the Board of Contracts and Awards, 307 City Hall, Tacoma, for furnishing and installing 16,580 ft. of 58 inch inside diam. coal tar enameled steel pipe or an equal length and size of Lock Joint Concrete pipe with fittings and structures.

Total bids follow:

R. G. Clifford, San Francisco	\$349,036
Steel Pipe and Tank Co., Portland	365,296
Hydraulic Supply Co., Seattle	372,275
American Conc. & Steel Pipe Co., Tacoma (concrete)	384,146

BIDS WANTED

BONNEVILLE, Ore.—Until January 16, 2:30 P. M., bids will be received by J. D. Ross, Administrator, The Bonneville Project, 1300 N.E. Union, Portland, under Bid No. 119, for Sch. 1: 629 pedestal type 115 kv. insulator units, f.o.b. North Vancouver or f.o.b. shipping point.

Plans and specifications may be obtained from the above office.

Contract Awarded

DOCK, ETC.
WEST SACRAMENTO, Calif. Op-posite General Petroleum plant. Construction of dock and pipe line with 95-ft. long runway and 10x 20-ft. dock; two mooring dolphins; concrete and asphalt tank foundations, etc.
 Owner—General Petroleum Company of California.
 Plans by Engr. Dept. of Owner.
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

BIDS WANTED

KENDRICK PROJECT, Wyoming.—Until Jan. 26, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Casper, Wyoming, under Spec. No. 819, for the construction of a transmission line from the Seminole Dam to Cheyenne, Wyoming, Kendrick project, Wyoming. The transmission line will be a 115,000-volt, 3-phase, single-circuit, 60-cycle, wood-pole, H-frame, transmission line approx. 142 miles long. The conductors will be 250,000-circular mil copper conductors of the hollow-core, I-beam-construction type, having an outside diameter of 0.7 inch. The schedule is prepared on the basis of unit prices for constructing 1,245 pole structures of various types, at taching X-braces, constructing guys, placing plate and rock anchors, and stringing conductors. Some of the materials will be furnished by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.50, not returnable. 19

BIDS WANTED

BOISE PROJECT, Idaho.—Until January 20, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, for the construction of earthwork, "A"-line canal laterals 10.7 to 18.9, Payette division, Boise Project, Idaho. The work is located near New Plymouth, Ida. Some of the laterals will be fur-

nished by the Government.

- Work involves:
 (1) 148,000 c.y. excav., common, for laterals;
 (2) 100 c.y. excav., rock for laterals;
 (3) 2,000 sta. c.y. of overhaul.

Plans and specifications may be obtained from the above office and from the office of the Bureau of Reclamation, Denver; no charge to prospective bidders, to others, \$1.00, not returnable. 19

BIDS WANTED

AGNEWS, Santa Clara Co., Cal.—Until January 24, 2 P. M., bids will be received by the State Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento, for the installation and completion of sewer and telephone extension at Agnews State Hospital, Agnews.

The sewer and telephone extension consists of approx. 640 ft. of 15-inch vitreous tile pipe, approx. 7200 feet of 10-inch asbestos cement pipe, approx. 900 ft. of 2-inch asbestos cement pipe, approx. 10,000 ft. of 100 pair underground telephone cable, approx. 1250 ft. of 2300 volt underground electric service, a complete sewage screening and pumping plant, electric transformers, motors, pumps, screening equip., mechanical equipment, and connections to existing sewer, telephone and service lines.

Plans and specifications may be obtained from the above office upon the deposit of \$25, returnable. 19

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—San Jose Concrete Pipe Co., 580 Stockton Ave., San Jose, at \$145 per l.f., awarded contract by the San Jose City Council, John J. Lynch, City Clerk, San Jose, for 1,400 l.f. of 18-inch reinforced concrete culvert pipe.

Bids were:
 San Jose Concrete Pipe Co., San Jose, \$145; 5% 20 days.
 Geo. J. Raggio Co., San Jose, \$14384; net.

American Concrete & Steel Pipe Co., South Gate, \$148; 5% 10th prox.
 California Concrete Products Company, San Jose, \$149; 5% 10th prox. 20

BIDS OPENED

SACRAMENTO, Cal.—Complete bids submitted to the State Purchasing Agent, Sacramento, for gasoline, grease, lubricating oils, etc.—bulk & service station deliveries—are on file at the office of the Daily Pacific Builder, 465 Tenth Street, San Francisco. 20

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Rock Products Co., Los Angeles, at \$91,500 was awarded the contract by the Metropolitan Water District for furnishing 90,000 tons of concrete aggregates under Spec. 298, Schedule 1. 20

BIDS WANTED

CORCORAN, Kings Co., Cal.—Until Jan. 9, 8 P. M., bids will be received by the Board of Trustees of the Corcoran Union High School District, T. K. Brown, Clerk, for furnishing school equipment and furnishings.

Specifications on file at the office of the Principal in the Corcoran Union High School Building, at Corcoran. 20

CONTRACTS AWARDED

BOULDER CANYON PROJECT.—Geo. E. Lambert & Co., Chicago, Ill., at \$7,850 (1), and Associated Piping and Engineering Co., Ltd., Los Angeles, at \$15,800 (2), awarded contracts by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1141-D, for furnishing and delivering (1) valves and (2) pipe and fittings for Units A-6 and A-7 of the Boulder power plant, Boulder Canyon Project; f.o.b. shipping point and/or Boulder City, Nev. Material will be installed by the Government. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2139 for furnishing (1) safety zone end bars and (2) reflector type lane markers.

Complete bids follow:

K. E. Erickson Co., Inc., (1) \$9.50; (2) \$0.49.
Aluminum & Brass Casting Co., (1) \$9.86; (2) \$0.53; net.
Enterprise Foundry Co., (1) \$11.25; (2) \$0.60; net.
R. H. Osbrink Mfg. Co., (1) \$17.50; (2) \$0.85; 2% 30 days. * 20

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, for furnishing and delivering approx. 1,200 c.y. mixed concrete, Classes A and B, for San Francisco Airport (WPA).

Bids were taken on:

(1) 200 c.y. Class A concrete;

(2) 1000 c.y. Class B concrete.

Complete bids follow:

South City Lumber & Supply Co., (1) \$6.49; (2) \$6.29; \$7,815.64 total; (15 minutes (free standing time) \$3 per hour (excess standing time).
Consumers Rock & Cement Co., (1) \$9; (2) \$8.75; \$10,866.50 total; 10 min.; \$3.50 per hour.

H. E. Casey Co., (1) \$7.50; (2) \$7.20 \$8,934.00 total; 10 min.; \$3.00 per hour. * 20

BIDS OPENED

SAN FRANCISCO.—Simplex Wire & Cable Co., 390 4th St., at \$123.25, and 12 (reels) ½ of 1% 10 days, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing 10,000 ft. of Latex lead covered cable.

Lavenson & Savasta; Maydwell & Hartzell, Inc., and United States Rubber Products submitted identical bids of \$123.60 and 12 (reels); ½ of 1% 10 days. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2145, for the rental of automotive equipment (WPA).

Total bids follow:

Evans Auto & Truck Rental Co., \$393.00 (total, Prop. A); \$265.00 (total, Prop. B).
Lerer Bros., 187.92 (total, Prop. B).
Buy Auto Co., \$384.00 (total, Prop. A); \$209.00 (total, Prop. B).

Contract Awarded

FIXTURES, ETC. Cost, \$75,000
SAN FRANCISCO. First and Mission Streets.

Fixtures and equipment for concessions in the S. F.-Oakland Bay Bridge Terminal Building.

Owner—James A. Gray, Inc.

Architect—Not Given.

Contractor—The Fink and Schindler Co., 552 Brannan Street.

LOW BIDDER

WASHINGTON, D. C.—Monolith Portland Cement Co., 215 W 7th St., Los Angeles, at \$1.52 per barrel, submitted low bid to the U. S. Treasury Dept. Procurement Division, Washington, D. C., under Spec. No. 15066-SP-1-3, for 150,000 barrels of cement.

Complete bids will be published shortly. * 20

CONTRACT AWARDED

SAN FRANCISCO.—Standard Oil Co., San Francisco, at \$1.80 per bbl., net, awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-168 for 500 barrels of fuel oil for diesel engines; fob bunkers Diesel Dredge "Pacific", at Eureka.

Union Oil Company submitted an identical bid. * 20

BIDS WANTED

BOULDER CANYON PROJECT.—Until Jan. 19, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1166-D, for furnishing and delivering two turbine inlet pipes for units A-6 and A-7 at the Boulder power plant, Boulder Canyon project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nevada. The turbine inlet pipes will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50, not returnable. * 20

BIDS WANTED

COLUMBIA BASIN PROJECT.—Until Jan. 20, 2:00 P.M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1167-D, for furnishing and delivering misc. metalwork for fish traps for the control of migratory fish at the Rock Island Dam, Columbia Basin Project, Washington; f.o.b. shipping point and/or railroad destination. The materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.50, not returnable. * 20

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-167, for (1) two special rubber gaskets for ladder trunnion (inside diameter is 4'-03/4"); (2) one special rubber gasket for ladder trunnion (inside diameter is 2'-5-1/4"); and (3) two rubber seat rings for 28" gate valve, fitted with brass rings and copper nickel allow ferrules; f.o.b. U. S. Engineer Storehouse, Ft. of Marina Blvd.

Bids were:

Universal Rubber Company, (1) \$45; (2) \$11.50; (3) \$66.00; 2% 10th prox.
Hercules Equipment Co., (1) \$27.50; (2) \$14.50; (3) \$54.50; 2% 10 days.
Goodyear Rubber Co., (1) \$27.50; (2) \$14.50; (3) \$54.50; 2% 30 days.
Standard Rubber Co., (1) \$27.50; (2) \$14.50; (3) \$54.50; 2% 10 days. * 20

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until Jan. 24, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1170-D, for furnishing and delivering plate-steel discharge pipes and flap valves for pumping plant Nos. 1, 2, 3, and 4, Contra Cos-

ta Canal, Delta division, Central Valley Project; f.o.b. shipping point and/or Oakley, California. The materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50, not returnable. * 20

BIDS WANTED

BRENTWOOD, Contra Costa Co., Calif.—Until Jan. 23, 8:15 P. M., bids will be received by the Brentwood-Deer Valley Union School District, Clyde C. Mooers, Clerk, for furnishing equipment for the Brentwood-Deer Valley Union School at Brentwood.

Specifications may be obtained at the office of the Board of Trustees of Brentwood-Deer Valley School, Brentwood.

Bid must be accompanied by certified or cashier's check or bidders bond for 5% of bid. * 20

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until January 9, 12 Noon, bids will be received by the Board of Trustees, Kern County Union High School District, Bakersfield, for the furnishing of school desks, chairs, teachers' desks, tables, venetian blinds, and diplomas.

Plans and specifications may be obtained from the above office. * 20

ALAMEDA COUNTY PERMITS UNDER \$1000

GARAGE, \$300; 2215 Marin, Berkeley; owner, R. Peterson, 2215 Marin; contractor, A. Niska, 1142 Alston Way.

ALTER, \$100; 2310 Telegraph, Berkeley; owner, T. E. Beans Co., 2144 Center; contractor, F. W. Nickerson, 2433 Ward.

GARAGE, \$350; 769 Neilson, Berkeley; owner, H. Drehtaker, 769 Neilson; contractor, C. L. Fessenden, Box 1890, R.F.D. 1, Richmond.
WRECK building, \$100; 2163 Center, Berkeley; owner, U. of Calif.; contractor, Dinwiddie Constr. Co., San Francisco.

WRECK building, \$100; 2141 Center, Berkeley; owner, U. of Calif.; contractor, Dinwiddie Constr. Co., San Francisco.

ALTER, \$175; 2218 Broadway, Oakland; owner, Newton Chase, 2218 Broadway; contractor, C. Pedersen & Son, 23 9th St., Richmond.

GARAGE, \$300; 9351 Mt. Blvd., Oakland; owner, I. T. Bossie, 9351 Mt. Blvd.

SIGN, metal, \$25; 508 7th St., Oakland; owner, Mi Rancho; contractor, A. Rossi Signs, 606 47th Street.

RE-ROOF, \$90; 2432 65th Ave., Oakland; owner, Mrs. Pingree, 1181 Colusa Ave., Berkeley; contractor, Acme Roof. Co., 1619 Foot-hill Blvd.

ALTER, \$600; 757 Alvarado Road, Oakland; owner, Miss Wilson, Claremont Hotel; contractor, W. H. Livingston, 1152 Euclid Ave., Berkeley.

RE-ROOF, \$100; 697 Arthur Street, Oakland; owner, Max Baker; contractor, Crown Roof Co., 1911 East 12th St.

ALTER for garage, \$150; 4226 Glen Ave., Oakland; owner and builder, Wm. Schulz, 4226 Glen Ave.

SHEED, \$100; 1284 1st Street, Berkeley; owner and builder, H. A. Tieslau, 1250 E. Shore Highway.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|--------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excave. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Swamp |
| 24.—St. Light, Systems | 32.—Disposal Plants |
| 25.—Machinery and Equipment | 33.—Water Works |
| 26.—Railroads | 34.—Parks & Play grounds |
| 27.—Fire Alarm Sys. | 35.—Tunnels |
| 28.—Fire Equipment | |
| 29.—Streets & High ways | |

21— BRIDGES

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Harry Brown, Route 4, Box 155, Modesto, at \$5,384, awarded contract by the Modesto City Council, H. E. Gragg, City Clerk, for the wrecking of existing wooden bridge and construction of a reinforced concrete bridge within the City of Modesto on Stoddard Avenue across the Modesto Irrigation District Lateral No. 4. * 21

LOW BIDDERS

MERCED COUNTY, Calif.—A. A. Tieslau, 2819 Telegraph Avenue, Berkeley, at \$14,134.50, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, Stockton, for redecking and widening a bridge across Fresno River, about 17.4 miles east of Los Banos, District X, Route 32, Section C, Merced County.

M. A. Jenkins, Sacramento, at \$14,628.00, submitted the second low bid. C. W. Caletti & Co., Rafael, at \$17,802.00, submitted the third low bid. Complete bids will be published shortly. * 21

BIDS WANTED

SPOKANE COUNTY, Washington.—Until Feb. 1, bids will be received by Clarence Griggs, Spokane County Engineer, for concrete bridge G N tracks at Francis and Market. Preliminary work will start immediately by day labor in order to get under way before Jan. 1 deadline set by PWA. Structure is financed by PWA grant of \$27,000 and G N funds. Estimated cost \$60,000.

Plans and specifications may be obtained from the above office. * 21

COMPLETE BIDS

MODESTO, Stanislaus Co., Calif.—Harry Brown, Route 4, Box 155, Modesto, at \$5,384, submitted low bid and was awarded contract by the Modesto City Council, H. E. Gragg, City Clerk, for the wrecking of existing wooden bridge and construction of a reinforced concrete bridge within the city of Modesto on Stoddard Ave. across the Modesto Irrigation District Lateral No. 4.

Complete bids follow:
 Harry Brown, Modesto,\$5,384.00
 Stewart M. McGaw, Stockton 5,400.00
 F. Kaus, Stockton 5,730.00
 Nelson & Wallace,

Escalon 5,790.00
 A. A. Tieslau, Berkeley 6,861.00
 Jarvis Bros., Modesto 7,370.00 * 21

CONTRACTS AWARDED

KING COUNTY, Wash.—Florito Bros., 1100 Leary Way, Seattle, at \$55,359 (Unit 2), and at \$17,290 (Unit 3), awarded contract by the King County Commissioners under PWA docket 1431-F, for units 2 and 3 of the county paving project.

Bids were taken on:
 Unit 2: Greenwood Avenue Section of Holman Road.

Unit 3: Holman Road paving. * 21

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until Jan. 26, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete overhead structure, consisting of one 47 ft. span, two 30 ft. spans, and two 10 ft. cantilevers, on concrete piers, over the San Diego and Arizona Eastern Railroad at La Mesa (XI-SD-12-La Mesa), San Diego County.

- Work involves:
- (1) 1,000 c.y. struc. excav.;
 - (2) 154,000 lbs. bar reinf. steel;
 - (3) 1,040 c.y. class A Portland cement concrete struc.;
 - (4) 16 c.y. class A Portland cement concrete railing;
 - (5) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BIDS WANTED

LOS ANGELES CO., Calif.—Until January 26, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles for construction of an undergrade crossing, consisting of steel track spans on reinforced concrete piers and abutments on treated timber pile foundations, under the tracks of the Aitchison, Topeka and Santa Fe Railway Company at Chapman Station, and about 0.3 mile of grading and paving with Portland cement concrete on Rosemead Blvd. (VII-LA-168-C), Los Angeles County.

- Work involves:
- (1) 400 c.y. remove concrete;
 - (2) 16 sta. clear and grub;
 - (3) 1,000 M. gals. water;
 - (4) 33,600 c.y. unclass. rdwy. excav.
 - (5) 4,850 c.y. struc. excav.;
 - (6) 9,000 sq. yds. prepare subgrade;
 - (7) 16 sta. finish rdwy.;
 - (8) 8 tons liquid asphalt SC-2 prime coat;
 - (9) 1,700 tons min. aggregate plant mix surf.;

- (10) 90 tons liq. asph. ROMC-4 or -5 plant mix surf.;
- (11) 1,670 c.y. Class B Portland cement conc. pave.;
- (12) 3,000 each pavement dowels;
- (13) 16 sections pavement crossing devices, Type C;
- (14) 160,500 lbs. bar reinf. steel;
- (15) 960 c.y. Class A Portland cement conc. struc.;
- (16) 428,000 lbs. struc. steel;
- (17) 91,000 lbs. ballast plates;
- (18) 270 lbs. bronze expansion plates;
- (19) 8,500 lbs. steel rail assemblies;
- (20) 5,600 lbs. misc. iron and steel;
- (21) 7,580 l.f. furnish treated Douglas fir piles, including test piles;
- (22) 318 each drive do;
- (23) 500 c.y. Class A Portland cement conc. slope paving;
- (24) 1,080 l.f. 18-in. stand. reinforced concrete pipe;
- (25) 110 l.f. 51-in. special do;
- (26) 260 l.f. 8-in. CMP;
- (27) 60 l.f. 36-in. CMP;
- (28) 2,952 l.f. 8-in. perf. metal pipe;
- (29) 280 c.y. rock filling material;
- (30) 60 l.f. remove, clean and salvage pipe culverts;
- (31) 601 c.y. Class A Portland cement conc. curbs, gutters, sidewalks and driveways;
- (32) 270 l.f. curb armor;
- (33) 1,650 l.f. pipe handrailing;
- (34) 3 each pipe shaft manholes;
- (35) 190 lbs. copper strips;
- (36) 490 sq. yds. asph. plank protective covering;
- (37) 1 lot elec. equip.;
- (38) 1 lot misc. items of work

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces cost of blue prints now available for work for which bids will be opened in Sacramento Jan. 18, 1939:

I-Men-56-E, bridge across Jack Peters Creek: PLANS (No. of sheets) 10; (Cost) \$1.50; CROSS-SECTIONS (No. of sheets) 6; (Cost) \$.60; (Total) \$2.10.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

LOS ANGELES, Calif.—Hydraulic Dredging Co., Ltd., 1225 Central Bank Bldg., Oakland, awarded contract by the U. S. Engineer, Los Angeles, at \$417,545, or 9.25 c.y. for dredging 4,514,000 c.y. material in San Diego Harbor; invit. 182. The work is located adjacent to and north of the existing turning basin and main bay channel in north part of San Diego Bay and consists of furnishing all plant, labor and materials for dredging to a depth of 35 feet below mean lower low water in an area 1200 ft. wide by 3600 ft. long, and depositing the dredged material in the area about 240 acres in extent situated east and south of the U. S. Marine Corps Base. * 22

Capital City Title Company

•

JAMES E. BANCROFT
Manager

•

801 J Street
Sacramento : California

January 5, 1939

LOW BIDDERS

OXNARD, Ventura Co., Calif.—Hydraulic Dredging Co., 1221 Central Bank Building, Oakland, at \$434,775 (Schedule I); Baruch Corp., 625 S. Olive St., Los Angeles, at \$141,684 (Schedule II), \$102,980 (Sched. III), and \$102,980 (Schedule V); and Case Construction Co., P. O. Box 6, Berth 109, San Pedro, at \$2,000 (Schedule IV) submitted low bids to the Oxnard Harbor District, 514 South "A" St., Oxnard, for construction of works for harbor development at Point Hueme, Ventura County. Code & Hill-Leeds & Barnard, 905 Edison Bldg., 601 W. 5th St., Los Angeles, consulting engineers.

The schedules and items are:

SCHED. I—Dredging

- (1) 4,250,000 c.y. dredging;
- (2) 38,000 tons Class A stone;
- (3) 24,000 tons Class B stone;
- (4) 3,000 tons Class C stone;

SCHED. III—East Jetty

- (5) 26,000 tons Class A stone;
- (6) 20,000 tons Class B stone;
- (7) 4,000 tons Class C stone;

SCHED. IV—Concrete Foundation for Beacon Lights on Jetties

- (8) 80 c.y. reinf. concrete;
- (SCHED. V—Revetment Work in Entrance Channel and Central Basin and Slip
- (9) 17,000 tons revetment stone at wharf;
- (10) 39,000 tons revetment stone at Central Basin and Entrance Channel. * 22

BIDS OPENED

LINCOLN COUNTY, Ore.—Kuckenberg Const. Co., 11104 NE Holman St., Portland, at \$25,856.75, submitted low bid to the U. S. Engineer Office, 628 Pittock Block, Portland, under Bid No. 698-39-284, for excavation in connection with improvement of the entrance and inner harbor at DePoe Bay, Lincoln Co., Ore.

Total bids follow:

Kuckenberg Const. Co., Portland, \$25,856.75.

O. K. Tittle, Tillamook, Ore., \$28,045.79.

The Mirene Co., Portland, \$28,548.75
Willamette Tug & Barge Co., Portland, \$36,375.00.

Birkemeier & Saremal, Milwaukie, Ore., \$47,807.50. * 22

23—CANALS**CONTRACT AWARDED**

SUN RIVER PROJECT, Montana.—Elmer Genger, Fairfield, Mont., at \$2,670,000 awarded contract by the Bureau of Reclamation, Fairfield, Mont., for construction of earthwork and structures, extensions of sub-laterals GM 31, GM 47-11, and GM 96, Greenfields Division, Sun River project, near Fairfield and Cordova, Mont.; Spec. 1143-D. * 23

24—STREET LIGHTING**BIDS WANTED**

LOS ANGELES COUNTY, Calif.—Until Jan. 17, 10 A. M., bids will be received by the Los Angeles County Supervisors, Los Angeles, for the construction of a street lighting system in Belflower Blvd. bet. Park Ave. and the east prolongation of Mayne St. and in the first alley north of Oak Ave. and east from Belflower Blvd. County Improvement No. 1019, involving 32 pressed steel standards, with cables, conduits, lamps, wire, and other appliances, in accordance with plans and specifications prepared by Alfred Jones, County Surveyor. Certified

check or bid bond for 10% must accompany each proposal. Mrs. Alice Burks, Clerk, of the Board. * 24

25—MACHINERY AND EQUIPMENT**BIDS WANTED**

KENDRICK PROJECT, Wyo.—Until Jan. 25, 2:00 P. M. bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1171-D, for furnishing and delivering one gantry crane with a capacity of 35,000 lbs., for raising and lowering the bulkhead gates at the Seminole Dam, Kendrick Project, Wyoming; f.o.b. shipping point and/or Parco, Wyoming. The crane will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50, not returnable. * 25

BIDS WANTED

YAKIMA PROJECT.—Until Jan. 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1168-D, for furnishing and delivering a gate hoist for the fish-ladder overflow gate at the Roza division dam, Roza division, Yakima proj., Washington; f.o.b. shipping point and/or Crownover, Washington. The hoist will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.75, not returnable. * 25

CONTRACT AWARDED

YAKIMA PROJECT.—Treadwell Const. Co., Midland, Pa., at \$59,960, f.o.b. Midland, awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 810, for furnishing and delivering two 110-ft. roller gates with load disks and auxiliary load rings of either (1) riveted or (2) welded, construction for installation at the Roza diversion dam, Roza division, Yakima Project, Wash.; f.o.b. shipping point and/or Crownover, Washington. Roller gates will be installed by the Government. * 25

BIDS OPENED

OAKLAND, Cal.—Boiler Tank and Pipe Co., 800 75th Ave., Oakland, at \$11,470 submitted low bid to the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Bid No. LS 224, for furnishing and erecting one 1,000,000-gallon steel water tank at Point San Pablo tank site. Complete bids follow:
Boiler Tank & Pipe Co., Oakland \$11,470
The Steel Tank & Pipe Co. of California, Berkeley 11,978
California Steel Products Co., San Francisco 12,630
Berkeley Steel Const. Co., Inc., Berkeley 12,950
Independent Iron Works, Ltd., Oakland 13,872
The Southwest Welding & Mfg. Co., Alhambra 14,933
Pacific Coast Engr. Co., Inc., Oakland 14,800
* 25

BIDS WANTED

OAKLAND, Calif.—Until Jan. 11, 5:30 P. M., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, for furnishing equipment, as follows:

PRO. NO. LS 225: 70,000 lin. ft. cast

iron pipe for water distribution system.

PRO. NO. 1121: one special motor truck chassis,

PRO. NO. 1123: rental of truck.

Plans and specifications may be obtained from the above office. * 25

CONTRACTS AWARDED

REDDING, Shasta Co., Calif.—The following contracts awarded by the Redding City Council, for the installation of municipal water system meters in the city of Redding: Badger Mfg. Co. of Milwaukee, Wis., \$13,851.59 (meters).

Worthington Pump & Mchey. Corp., San Francisco, \$660.72 (fittings). Art Concrete Works, Pasadena, \$1,591.36 (boxes).

Awarded contracts approved by the PWA. * 25

BIDS OPENED

SAN FRANCISCO.—Mullen Manufacturing Co., 64 Rausch Street, at \$1,114.46 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing and delivering special laboratory furniture for Richmond-Sunset Sewage Plant.

Complete bids follow:

Mullen Mfg. Co. \$1,114.46
Anderson Bros. Planing Mill & Mfg. Co. 1,250.00
Rucker & Fuller Co. 1,333.85
R. Brandin & Co. 1,936.40
* 25

BIDS OPENED

SAN FRANCISCO.—Reo Sales Corp., 274 Spear Street, at \$4,583.50 submitted low bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2140, for two 2½-ton filter cake disposal trucks for Richmond-Sunset Sewage Treatment Plant.

Complete bids follow:

Reo Sales Corp. \$4,583.50
Knuckey Truck Co. 5,084.59
Mack International Motor Truck Corp. 5,428.20
Yellow Truck & Coach Mfg. Company 5,451.96
Diamond-T Pacific Co. 5,616.50
White Motor Company 5,937.64
International Harvester Co. 6,465.49
* 25

CONTRACTS AWARDED

BOULDER CANYON PROJECT.—Pacific Iron and Steel Co., Los Angeles, at \$12,690, (1), and Commercial Iron Works, Portland, at \$15,590 (2), awarded contracts by the U. S. Bureau of Reclamation, Denver, Colo., under Bid No. 1144-D, for furnishing and delivering (1) 23 radial gates; and (2) 23 radial gate hoists for the New Briar Canal, All-American canal system, Boulder Canyon Project; f.o.b. shipping point and/or Calexico, Cal. Gates and gate hoists will be installed by the Government. * 25

CONTRACT AWARDED

PEARL HARBOR, T. H.—The Cooper-Bessmer Corporation, Mt. Vernon, Ohio, at \$68,478, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 9028, for two 5000 c.f.m. motor-driven air compressors with inter and after-coolers at the Navy Yard, Pearl Harbor, T. H. * 25

BIDS OPENED

SAN FRANCISCO.—A. S. Dutra, 255 California St., San Francisco, at \$4,800, submitted the only bid to Public Utilities Commission, Room 287, City Hall, under Airport Contract No. 48, for 600 hours dredging at San Francisco Airport. * 25

CONTRACT AWARDED

SAN FRANCISCO.—The Kinnear Manufacturing Co., of Calif., 361 Brannan St., San Francisco, at \$640, awarded contract by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-39-166, for furnishing and installing 5 rolling steel doors in the power room, Battery Davis, Fort Funston.

25

BIDS OPENED

SALT RIVER PROJECT, Ariz.—Following submitted bids to the U. S. Bureau of Reclamation, Denver under Spec. No. 1154-D, for furnishing and delivering misc. parts for alterations to the existing power-drive equipment for operating the hoists for the sluice gates in the diversion dam and misc. parts for alterations to the existing power-drive equipment for operating the hoists for the three intake gates in the intake structure of the Roosevelt power canal, Salt River project, Ariz.; fob shipping point and/or Mesa, Arizona. All materials and equipment will be installed by the Government.

Total bids follow:
Pekrul Iron Works, Denver, \$1-315.25; 1/2 of 1% 30 days; fob Denver.
Smith Corp., d/b/a General Iron & Steel Works, Portland, \$1,279; net; fob Portland.

Valey Iron Works, Yakima, Wash., \$1,281; 5% 30 days; fob Yakima.
Lakeside Bridge & Steel Co., Milwaukee, \$1,400; net; fob Milwaukee.
Commercial Iron Works, Portland, \$1,120; 1/2 of 1% 30 days; fob Portland.

Enterprise Foundry Co., San Francisco, \$1,550; net; fob San Francisco.
Stearns-Roger Mfg. Co., Denver, \$1,260; net; fob Denver.
Long Beach Iron Works, Long Beach, Calif., \$1,225; 2% 30 days; fob Long Beach.
Consolidated Steel Corp., Ltd., Los Angeles, \$1,602; net; fob Los Angeles.

25

BIDS WANTED

OAKLAND, Calif.—As previously reported, until January 11, 5:30 P. M., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, for furnishing equipment, as follows:

PRO. NO. LS 225: 70,000 lb. of cast iron pipe of dia. 4- and 6-in.;
PRO. NO. 1121: one special motor truck chassis;

PRO. NO. 1123: rental of truck.
Plans and specifications may be obtained from the above office.

25

CONTRACT AWARDED

COLORADO PROJECT.—Moloney Electric Co., St. Louis, Mo., at \$20,566 awarded contract by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1140-D, for furnishing power transformers, switching equipment, metering set, and lightning arresters for construction of substations (Green Mountain, Estes Park, East Portal, West Portal, Loveland Tap), Colorado - Big Thompson Project, Colo.

25

BIDS WANTED

OWYHEE PROJECT, Ore.-Idaho.—Until Jan. 18, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1165-D, for furnishing and delivering a plate-steel surge tank and discharge-pipe liner for the discharge pipe at the Ontario-Nyssa pumping plant, Owyhee project, Oregon-Idaho; f.o.b. shipping point and/or Dunaway, Oregon. All of the materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50, not returnable.

25

BIDS OPENED

DENVER, Colo.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1153-D, for furnishing and delivering (1) one clutch-operated, crawler-traction-mounted, full-revolving, Diesel-engine-powered, convertible-type, dragline excavator equipped with 50-ft. boom, a shovel attachment with a 1 1/2-c.y. dipper, and other accessory equipment, for the Columbia Basin project, Wash., and (2) two clutch-operated, crawler-traction-mounted, full-revolving, Diesel-engine-powered, convertible-type, dragline excavators, each equipped with a 50-ft. boom and other accessory equipment, for the Deschutes project, Oregon; f.o.b. shipping point and/or destination.

Bids were:
Link-Belt Co., Chicago, Ill., (1) \$22,628.00, (2) \$37,456.00; comb. bid, \$58,585.00; f.o.b. Chicago; net.
The Thew Shovel Co., Lorain, Ohio, (1) \$18,690.00, (2) \$29,760.00; comb. bid, \$48,220.00; f.o.b. Lorain; net.
Lima Locomotive Works, Inc. (Shovel & Crane Division), Lima, Ohio, (1) \$20,625.00, (2) \$35,420.00; comb. bid, —; f.o.b. Lima; 2%-30 da.
Northwest Engrg. Co., Chicago, Ill., (1) \$16,990.00, (2) \$27,940.00; comb. bid, \$43,245.00; f.o.b. Green Bay, Wisc.; net.
The Osgood Co., Marlon, Ohio, (1) \$18,307.00, (2) \$31,353.00; comb. bid, \$49,660.00; f.o.b. Marlon; 2%-30 days.
Harnischfeger Corp., Milwaukee, Wisc., (1) \$20,985.00, (2) \$35,425; comb. bid, \$54,685.00; f.o.b. Milwaukee; net.
McKely Machinery Co., Denver, Colorado, (1) \$20,925.00, (2) \$33,729; comb. bid, \$54,654.00; f.o.b. Milwaukee, Wisc.; net.

25

BIDS WANTED

PORTLAND, Ore.—Until Jan. 23, 10:30 A. M., bids will be received by J. D. Ross, Administrator, Dept. of Interior, 811 NE Oregon St., Portland, under Bid No. 126, for conductor and ground wire hardware for Salem-Eugene 115-kv. line.

Plans and specifications may be obtained from the above office.

25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1152-D, for furnishing and delivering (1) 13 radial gates, and (2) 12 radial gate hoists for the All-American Canal, All-American canal system, Boulder Canyon project; fob shipping point and/or Calexico, Calif. The gates and hoists will be installed by the Govt.

Bids were:
Smith Corp. d/b/a General Iron & Steel Works, Portland, (1) \$7,366; (2) \$10,468; fob Portland; net.
Wisconsin Bridge & Iron Co., Milwaukee, (1) \$13,250; (2) \$.....; fob Milwaukee; net.
Joshua Hendy Iron Works, San Francisco (2) \$12,675; fob Sunnyvale, Calif.; net.
Jos. D. Christian Engrs., San Francisco, (2) \$14,000; fob San Francisco; 2% 30 days.
Southwest Welding & Mfg. Co., Alhambra, (1) \$8,814; (2) \$.....; fob Alhambra; net.
American Bridge Co., Denver, (1) \$10,140; fob Gary, Ind.; net.

Valley Iron Works, Yakima, Wash., (2) \$13,205; fob Yakima; 5% 30 days.
Lakeshore Engr. Co., Marquette, Mich., (2) \$13,680; fob Marquette; 1% 30 days.
Foote Bros. Gear & Machine Corp., Chicago, (2) \$13,218; fob Chicago; net.

International Engr., Inc., Dayton, Ohio, (2) \$15,700; fob Dayton; 1% 30 days.

Pacific Coast Engr. Co., Oakland, (1) \$9,411; fob Oakland; 1/2 of 1% 30 days.

R. W. Kaltenbach Corp., Bedford, O., (2) \$15,100; fob Cleveland; net.

John W. Beam, Denver, (1) \$8,500 fob Petone, Ill.; 1/2 of 1% 30 days.

Warden Allen Co., Milwaukee, (1) \$9,800; (2) \$15,300; fob Milwaukee; net.

Pacific Iron & Steel Co., Los Angeles, (1) \$8,939; fob Los Angeles; net.

Hunter Steel Co., Pittsburgh, Pa., (1) \$8,675; fob Neville Island; net.
Consolidated Steel Corp., Ltd., Los Angeles, (1) \$9,956; (2) \$14,997; comb. bid, \$24,200; fob Los Angeles; net.

California Steel Prod. Co., San Francisco, (1) \$8,992; fob San Francisco; 2% 30 days.

Western Pipe & Steel Co. of Cal., Los Angeles, (1) \$9,750; fob Los Angeles; net.

Enterprise Foundry Co., San Francisco, (2) \$13,790; fob San Francisco; net.

Berkeley Steel Const. Co., Inc., Berkeley, (1) \$8,300; fob Berkeley; 1/2 of 1% 30 days.

Ogden Iron Works Co., Ogden, Utah (1) \$9,450; (2) \$14,205; fob Ogden; 1% 30 days.

Long Beach Iron Wks, Long Beach (2) \$12,795; fob Long Beach; 2% 30 days.

Commercial Iron Works, Portland, (1) \$8,919; (2) \$10,919; comb. bid, \$19,342; fob Portland; 1/2 of 1% 30 days.

Lakeside Bridge & Steel Co., Milwaukee, (1) \$9,000; (2) \$14,610; comb. bid, \$23,000; fob Milwaukee; net.

D. J. Murray Mfg. Co., Wausau, Wis., (2) \$12,865.85; fob Wausau; net.

BIDS OPENED

SAN MATEO, San Mateo Co., Cal.—Atlas Electric Co., 135 B St., San Mateo, at \$2,995 submitted low bid to the San Mateo City Council, Belton Rhodes, City Clerk, San Mateo, for the new intersectional signal system to be installed at Third Ave. and Bayshore highway.

Total bids follow:
Atlas Electric Co., San Mateo...\$2,995
Union Paving Co., S. F..... 3,421
Dingman's Electric Serv. Shop
Redwood City 3,954
Underground Const. Co., Oakland 4,575

BIDS OPENED

LOS ANGELES, Calif.—Bids for transformers, Spec. 2800, opened by L. A. Water & Power Purchasing Agent were:

Allis-Chalmers Mfg. Co., (1) 7 only 20,00 kva 60 cycle transformers, (a) f.o.b. Los Angeles, \$58,155, (b) f.o.b. factory, \$37,070. Alt. same with 2 hr. overload rating of 25,000 kva., (a) \$61,514, (b) \$60,444. Spare parts, (a) \$1420, (b) \$1367. Allow for omitting potential transformers, \$6300 allow for radiographs, \$465.

General Elec. Co., (1) (a) \$59,700, (b) \$57,980 (alt.) (a) \$62,930, (b) \$61,080. Sparts parts, (a) \$1430, (b) \$1380. Allow for potential transformers, \$850. Allow for radiographs, \$315.

Westinghouse Elec. & Mfg. Co., (1) (a) \$60,262.30, (b) \$58,570, alt. (a) \$63,522, (b) \$61,746. Spare parts, (a) \$1371, (b) \$1371; allow for potential transformers, \$850; Allow for radiographs, \$315.

25

BIDS OPENED

COLUMBIA BASIN PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1158-D, for furnishing and delivering (1) 4, (2) 6, (3) 8, (4) 10 or (5) 12 tank trucks for transporting fish for the control of migratory fish, Columbia Basin Project, Washington; f.o.b. shipping point and/or Wenatchee, Washington.

Complete bids were:

The Winter Weiss Co., Denver, Colo., (1) \$40,903; (2) \$60,550; (3) \$80,217; (4) \$99,784; (5) \$119,35; net; f.o.b. Denver.

The Winter Weiss Co., Denver, Colo., bid made on tank equipment only—bid incomplete.

Diamond T Motor Truck Sales, Washington, D. C., (1) \$38,000; (2) \$55,572; (3) \$72,192; (4) \$87,860; (5) \$105,432; ¼ of 1% 30 days; f.o.b. Kansas City, Mo.

Kenworth Motor Truck Corp., Seattle, Wash., (1) \$30,120.56; (2) \$45,150.84; (3) \$59,041.32; (4) \$73,901.40; (5) \$88,561.68; net; f.o.b. Portland, Ore.

International Harvester Co., Denver, Colo., bids made on trucks only—incomplete bid.

Power Equipment Co., Denver, Colo., (1) \$30,305; (2) \$45,285; (3) \$60,272; (4) \$75,225; (5) \$90,180; 1% 30 days; f.o.b. Milwaukee, Wis.

Power Equipment Co., Denver, Colo., (1) \$42,888; (2) \$63,507; (3) \$84,126; (4) \$104,745; (5) \$125,364; 1% 30 days; f.o.b. Denver.

Power Equipment Co., Denver, Colo., bid made on trucks only—incomplete bid.

Power Equipment Co., Denver, Colo., bid made on tank equipment only—incomplete bid. * 25

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6742: A. A. Tieslau; \$63.75; net; 1% 10.1275; emuls. asphalt.

BID NO. 6738: San Jose Conc. Pipe; \$920; 5% 20; conc. pipe.

BID NO. 6737: Columbia Steel; \$268.40; net; steel pipe.

BID NO. 6726: A. I. Mitchell; \$717.92; 2% 20; pipe and fittings; Buckner Mfg. Co.; \$210; net; sprinkler head.

BID NO. 6655: Kinneer Mfg. Co.; \$439.70; net; overdoors.

BID NO. 6609: Steel Const. Co., Inc.; \$6320; net; steel gates and doors. * 27

BIDS OPENED

SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. material and equipment for use on WPA projects:

BID NO. 6776: (base and cover course aggregates: Winters) John Graf; \$1.50; \$2.50; \$837.50; net.

Yolo Gravel Co.; \$1.70; \$2.00; \$920; 10c-20.

Perkins Gravel Co.; \$1.90; \$2.25; \$1408.75; 10c-30.

Pac. Coast Aggregates; \$1.90; \$2.25; 10c-10th perc.; \$1408.75.

Brighton Sand and Gravel; \$2.15; \$2.60; \$1166; 5c-30.

Hemstreet and Bell; \$2.70; \$3.15; \$1460.25; 10c-30.

J. R. Reeves; \$3.60; \$3.45; \$1920.75; 3% 20.

BID NO. 6777: (liquid asphalt; Winters)

Hayward Bldg. Mat.; \$0.065 on three; \$390; net.

Lee J. Immel; \$0.072; \$0.072; \$0.065; \$405.40; 2% 20.

Hayward Bldg. Supply; \$0.09; \$0.09; \$0.0575; \$416.50; net.

Yolo Gravel Co.; \$0.0975; \$0.0975; \$0.0645; \$459.60; net.

Brighton Sand and Gravel; \$0.10 on three; \$459.60; net.

Hemstreet and Bell; same.

J. R. Reeves; \$0.11; \$0.11; \$0.10; 622; 2% 20.

Perkins Gravel Co.; \$0.14; \$0.13; \$0.10; 2% 20. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6761: Henry Cowell; 50-6275; \$602.40; net; 960 sacks of Portland cement.

BID NO. 6762: Gladding, McBean & Co.; \$352.10; net; title.

BID NO. 6758: Curran L. C.; \$413; net; \$0.59; 700 sacks of Portland cement.

BID NO. 6764: Monolith Portland Cement; \$376.50; \$0.6275; net; 600 sacks of Portland cement.

BID NO. 6770: Fred Speakerman; \$965.60; net; 256 bbls. of Portland cement.

BID NO. 6760: Merle L. Souits; \$795; rock and sand. * 27

BID NO. 6765: King L. C.; \$315; net; gravel and sand.

BID NO. 6765: King L. C.; \$315; net; gravel and sand.

BIDS WANTED
SAN FRANCISCO.—Until Jan. 12, 10:00 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., (Room 518), San Francisco, for furnishing supplies and materials, as follows:

BID NO. 6814: 699 lin. ft. vitrified clay pipe; f.o.b. Oakland.

BID NO. 6816: douglas fir; f.o.b. Antioch.

BID NO. 6817: 300 lin. ft. corrugated culvert pipe; f.o.b. Grass Valley.

BID NO. 6818: concrete irrigation pipe; f.o.b. Bakersfield.

BID NO. 6819: redwood, douglas fir; f.o.b. Oakland.

BID NO. 6820: douglas fir; f.o.b. Tehachapi.

BID NO. 6821: upright floor drill; f.o.b. Stockton.

BID NO. 6822: douglas fir, redwood; f.o.b. Lower Post, Presidio of San Francisco. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6763: James L. Hall; \$1,516.50; net; piles.

BID NO. 6758: Consumers Rock and Cement; \$1021.80; net; rock and sand.

BID NO. 6757: San Jose Hardware; \$420; net; rakes.

BID NO. 6754: G. Mazzera Co.; \$725; 2% 30; crushed rock.

BID NO. 6753: Central Supply Co.; \$326.25; net; sand.

BID NO. 6751: Loop L. C.; \$563; 2% 30; lumber.

BID NO. 6748: W. R. Spaulding L. C.; \$753; net; portland cement.

BID NO. 6744: W. R. Spaulding L. C.; \$1387.50; net; portland cement

BID NO. 6733: Henry Cowell; \$2.58; \$516; net; portland cement.

BID NO. 6709: Union Hardware and Metal; \$9536.40; 2% 30; shovels, etc.

BID NO. 6694: Union Supply Co.; \$520; \$2.60; portland cement; net.

BID NO. 6755: Coast Electric Supply; \$1622.79; 2% 30; reflectors.

BID NO. 6752: Smith L. C.; \$435.25; 2% 10th perc.; lumber.

BID NO. 6743: Alfred Pereira; \$350; 5% 30; concrete mix.

BID NO. 6735: Calaveras Cement Co.; \$335; net; portland cement.

BID NO. 6721: Bakersfield Rock and Gravel Co.; \$1071.71; net; portland cement.

BID NO. 6716: Baker, Hamilton and Pacific; \$339.96; 2% 30; pipe and fittings.

BID NO. 6683: California Corrugated Culvert; \$2664.16; ½ of 1% 20; pipe and fittings.

BID NO. 6741: Calrock Asphalt Co.; \$693.60; 2% 20; natural rock asphalt. * 27

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Oswald Bros., 366 E 5th St., Los Angeles, at \$91,972 was awarded contract by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading, draining and placing surfacing (base) with bituminous treatment on approx. 10.761 miles of Section C and a portion of Section D of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino County, Ariz. * 29

PERSHING COUNTY, Nev.—Silver State Construction Co., Inc., Fallon, Nevada, at \$30,846.97 submitted low bid and awarded contract by the State of Nevada, Directors of the Dept. of Highways, Heroes Memorial Building, Carson City, for the construction of approx. 2.05 miles of state highway from a point approx. 5 miles south of Lovelock to a point approx. 7 miles south of Lovelock (Lower Valley Road), Pershing County, Nevada.

- Work involves:
- (1) Force account, trim trees.
 - (2) 31 each remove trees;
 - (3) 3 each, remove stumps;
 - (4) 21,536 l.f. remove fence;
 - (5) 9 c.y. remove concrete head-gates;
 - (6) 1 each, remove culverts (timber);
 - (7) 3 each, move timber bridges;
 - (8) 15 c.y. remove hiprap;
 - (9) 6 each, move mail boxes;
 - (10) 1 each, move timber diversion box;
 - (11) 8882 c.y. roadway excav.;
 - (12) 35 c.y. drainage excav.;
 - (13) 12,423 c.y. borrow;
 - (14) 62,164 yd. sta. overhaul (yd. sta.);
 - (15) 46771 yd. ml. overhaul (yd. ml.);
 - (16) 170 c.y. str. excav.;
 - (17) 75 c.y. backfill;
 - (18) 2.05 mile subgrade, Type "B";
 - (19) 685 M gal. water.
 - (20) 14,860 tons Type 1 gravel base;
 - (21) 6,076 tons gravel surface;
 - (22) 14 tons liq. asph., Type MC2 or MC3 (seal);
 - (23) 163 tons liq. asph., Type MC2 or MC3 (roadmix);
 - (24) 2.03 miles roadmix;
 - (25) 12 each, roadmix intersections;
 - (26) 46 c.y. Class "A" concrete;
 - (27) 3,820 lbs. reinf. steel;
 - (28) 10 l.f. 6-in. corr. metal pipe (dipped);
 - (29) 24 l.f. 12-in. do
 - (30) 52 l.f. 24-in. do
 - (31) 22 l.f. 30-in. do

- (32) 14 lf. 48-in. do
- (33) 100 c.y. hand laid riprap;
- (34) 3 each, move pipe culvert head-walls;
- (35) 20,639 lf. reconstruct fence;
- (36) 26 each, monuments.

- Total bids follow:
- (A) Silver State Const. Co., Inc., Fallon, Nev., \$30,846.97.
 - (B) Dodge Construction, Inc., Fallon, Nev., \$33,669.52.
 - (C) Isbell Const. Co., Reno, \$33,870.61.
 - (D) Nevada Rock & Sand Co., Inc., Reno, \$34,275.38.
 - (E) Union Paving Co., San Francisco, \$37,526.12.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1) \$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00
(2) 20.00	10.00	10.00	10.00	10.00	15.00
(3) 20.00	10.00	10.00	10.00	10.00	10.00
(4) .05	.05	.02	.03	.02	
(5) 10.00	6.00	10.00	5.00	10.00	
(6) 100.00	25.00	50.00	40.00	75.00	
(7) 100.00	25.00	50.00	25.00	50.00	
(8) 5.00	2.00	5.00	3.00	2.50	
(9) 5.00	5.00	2.50	3.00	2.00	
(10) 100.00	10.00	50.00	20.00	20.00	
(11) .20	.24	.30	.30	.25	
(12) 1.00	.50	1.00	.50	1.00	
(13) .16	.20	.15	.22	.35	
(14) .01	.01	.01	.01	.01	
(15) .10	.10	.10	.10	.11	
(16) 2.00	1.50	1.50	1.25	1.50	
(17) 1.00	.50	1.00	.70	.50	
(18) 200.00	150.00	100.00	150.00	200.00	
(19) 1.00	1.50	1.00	1.00	1.70	
(20) .44	.50	.40	.48	.45	
(21) .55	.55	.75	.60	.80	
(22) 20.00	25.00	20.00	20.00	20.00	
(23) 15.00	17.50	17.40	20.00	20.00	
(24) 400.00	500.00	400.00	500.00	500.00	
(25) 25.00	30.00	20.00	25.00	30.00	
(26) 35.00	30.00	40.00	33.00	30.00	
(27) .06	.10	.08	.08	.10	
(28) 1.00	1.50	1.30	1.50	1.25	
(29) 2.00	2.00	1.60	2.00	2.00	
(30) 3.00	3.00	3.00	3.50	3.00	
(31) 4.00	4.00	4.00	5.00	4.00	
(32) 8.00	8.00	8.00	10.00	9.00	
(33) 5.00	6.00	2.00	8.00	10.00	
(34) 10.00	15.00	20.00	10.00	10.00	
(35) .05	.10	.10	.10	.10	
(36) 4.00	3.00	3.50	3.00	3.00	

BIDS WANTED

GILA AND PIMA COUNTY, Ariz.
 —Until Jan. 13, 10:00 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, Ariz., for highway construction on the Superior-Miami Highway, FA 16 (2) (1939), AFE 7018. The work, which is to extend from the Gila-Pima county line southwesterly for a distance of approx. 2½ miles, consists of grading, draining, aggregate base course and oil processing, SC-4 Road Oil Road Mix, and is to be completed on or before Sept. 15, 1939.

- Work involves:
- (1) 15,100 sq. yds. removing and salvaging oil cake;
 - (2) 103,400 c.y. roadway excavation;
 - (3) 8,000 c.y. slides and overbreakage;
 - (4) 1,400 c.y. drainage excavation;
 - (5) 950 c.y. structural excavation;
 - (6) 90,600 sta. yd. overhaul;
 - (7) 11,400 c.y. mi. haul;
 - (8) 14,800 tons coarse agg. base course;
 - (9) 6,500 tons fine aggregate base course;
 - (10) 3,600 M. gals. sprinkling;
 - (11) 900 hours rolling;
 - (12) 562 c.y. class A concrete;
 - (13) 50,300 lbs. reinf. steel;
 - (14) 1034 lf. CMP (3 sizes);
 - (15) 19,700 lf. line fence;
 - (16) 3,500 lf. road guard;
 - (17) 6,600 tons mineral aggregate;
 - (18) 83,500 gals. road oil (SC-4);
 - (19) 2.75 miles processing road mix;
 - (20) 650 tons screenings;
 - (21) 2,000 tons crushing and relaying old oil mix.

Plans and specifications may be obtained from the Arizona Highway Department, Howard S. Reed, State Highway Engineer, 17th Avenue and Jackson Street, Phoenix, Ariz. * 29

CONTRACT AWARDED

FREDONIA, Coconino Co., Ariz.—Oswald Bros., 266 E. 58th St., Los Angeles, at \$194,075.93, awarded contract by the Arizona State Highway Commission, Phoenix, for improvement of the Flagstaff-Fredonia Highway FL 9-A (1), FA 132-B (1) (1939), AFE 8903. The work, which extends from the town of Fredonia southeast for about 14½ miles, consists of grading and draining and is to be completed on or before Oct. 15, 1939. * 29

CONTRACT AWARDED

TULARE CO., Calif.—Hemstreet & Bell, P. O. Box 550, Marysville, at \$147,494.50 awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for 19.848 miles placing bituminous treated surface on Section B (portion) and placing a top course, paving shoulders and gutters and placing seal coat on Sections C1, C2, and D1, D2, and D4, of Sequoia Route 1, Generals Highways, Sequoia National Park, Tulare Co., Calif. * 29

CONTRACT AWARDED

SAN FRANCISCO.—West Constr. Co., 1129 Irving St., San Francisco, at \$1,437.40 (standard city specifications), awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,195 for reconstructing Lynch Street between Hyde and Leavenworth. * 29

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Lowrie Paving Co., 1540 16th St., San Francisco, at \$870.00, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,176 for reconstructing Homestead Street from 24th to 25th Sts.; Lloyd St. from Scott St. to Castro St. extension; and 12th Ave. from Kirkham to Lawton St. * 29

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Calif Bldg., at \$105,879.84 (standard city specifications), awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,136 for the improvement of Park-Fresidio Blvd. between Fulton St. and the Presidio Military Reserve. * 29

AWARD RECOMMENDED

MARIPOSA COUNTY, Cal.—Louis Biasotti and Son (Stockton), and Claude C. Wood (Lodi), and Frank B. Marks & Sons (Newman) at \$148,212.50 recommended for award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for placing a bituminous treated surfacing on 11.435 miles of the Wawona Road (Sections A1, B1, B2, E3 of Route 2), Yosemite National Park, Mariposa County. * 29

CONTRACT AWARDED

CLARK COUNTY, Nevada.—Fredricksen & Westbrook, P. O. Box 138, Lower Lake, Calif., at \$83,632.30 was awarded contract by the State of Nevada Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for the construction of approximately 14.37 miles of high-

way in Clark County, from a point approximately 1½ miles north of Searchlight to a point approximately 20 miles south of Railroad Pass, Rtc. 5, Section B, Clark Co., Nev. * 29

BIDS OPENED

LONG BEACH, Cal.—Sully-Miller Contr. Co., 1500 W 7th Street, Long Beach, at \$26,748.15 submitted the low bid to R. M. Dorton, city manager, City Hall, Long Beach, for widening and improving Willow Street bet. American Ave and west city limits about 175 miles, to be financed by quarter-cent gas tax funds. J. W. B. Blackman, city engineer-director of public service.

Total bids were:

Sully-Miller Contr. Co.	\$26,748.15
Anso Constr. Co.	31,527.98
Griffith Company	32,797.92

LOW BIDDER

KINGHAM, Mojave Co., Arizona.—Tanner Construction Co., P. O. Box 1832, Phoenix, at \$209,780.00, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on FAGH 85-A (1) (1938) (1939), AFE 6603, Kingman-Needles Highway; FA 123-D (1) (1939), AFE 9304, Kingman-Boulder Dam Highway. The work, which is located in and adjacent to the town of Kingman, consists of grading, draining, aggregate base course and oil processing (SC-6 road oil, plant mix), and is to be completed on or before Sept. 30, 1939. * 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—J. C. Bateman, 590 Stockton Ave., San Jose, at \$1,274.48 awarded contract by the San Jose City Council, John J. Lynch, City Clerk, San Jose, for the improvement of portions of Topeka Avenue. * 29

30—RESERVOIRS & DAMS

CONTRACT AWARDED

LOS ANGELES, Calif.—W. E. Hall Co., 1025 Westminster Ave., Alhambra, at \$588,960, was awarded contract by Metrop. Water Dist., Los Angeles, for construction of the Palos Verdes reservoir and appurtenant works of the Colorado River Aqueduct distribution system, Spec. 289. Work includes excav., rolled fill embankment, and Gunite lining for 1000 acre ft. capacity reservoir and construction of an outlet tower, spillway and supply tunnel. A short section of road, a concrete walled open storm drain approx. 2800 ft. long, a steel foot bridge, fences, and appurtenant works, are also included in the contract. The chief engineer had recommended that the bids be rejected and new bids called as a result of a claim by the low bidder of an error of approximately \$88,000. By a vote of 82 to 24, with two directors absent, the board voted to award the contract to the second bidder after defeating a motion to approve the engineer's recommendation. * 30

31—PIPE LINES & WELLS

BIDS OPENED

COLORADO RIVER AQUEDUCT
 —Complete bids submitted to the Metropolitan Water District, Los Angeles, for construction of Long Beach, Torrance, and Compton laterals of the Colorado River Aqueduct distributing system, including unit prices, appear today on Page 2. * 31

BIDS OPENED

LOS ANGELES COUNTY, Calif.—Western Pipe & Steel Co. of California, 5717 S. Santa Fe Ave., Los Angeles, at \$366,316.70 (based on the use of welded steel-plate pipe with gunite exterior coating and mortar lining) submitted low bid to the Metropolitan Water District, Los Angeles, for constructing the Long Beach, Torrance and Compton laterals of the Colorado River Aqueduct distributing system, under Revised Spec. No. 293.

United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at \$374,928.55 submitted low bid on lock-joint steel cylinder reinforced precast concrete pipe.

Proposals were received for two alternative types of pipe line construction. The lengths, diameters and types of pipe required for the respective schedules are as follows:

SCHEDULE 26P

Construction of precast concrete pipe for the Long Beach lateral of the Colorado River Aqueduct distribution system bet. stations 0+00 and 248+45. Inside diameter of pipe 36-in.; length, 24,860 ft.

SCHEDULE 26SC

Construction of gunite-coated welded steel pipe for the Long Beach lateral of the Colorado River Aqueduct distribution system bet. station 0+00 and 248+45. Inside diameter of steel pipe 37-in.; length 24,860 ft.

SCHEDULE 27P

Construction of precast concrete pipe for the Torrance lateral of the Colorado River Aqueduct distribution system bet. stations 0 plus 95 and 66 plus 00. Inside diameter of pipe, 30-in.; length, 6,505 ft.

NOTE: A bid on either Schedule 27P or 28SP will not be considered unless the bidder submits a proposal on both said schedules; and an award, if made thereunder, will not be made for less than both of said schedules in a single contract.

SCHEDULE 27SC

Construction of gunite-coated steel pipe for the Torrance lateral of the Colorado River Aqueduct distribution system bet. stations 0 plus 95 and 66 plus 00. Inside diameter of steel pipe, 3-in.; length, 6,506 ft.

NOTE: A bid on either Schedule 27P or 28SC will not be considered unless the bidder submits a proposal on both said schedules, and an award if made thereunder, will not be made for less than both of said schedules in a single contract.

SCHEDULE 28P

Construction of precast concrete pipe for the Compton lateral of the Colorado River Aqueduct distribution system bet. stations 0 plus 89 and 71 plus 05. Inside diameter of pipe 21-in.; length, 7017 ft.

NOTE: A bid on either Schedule 27P or 28P will not be considered unless the bidder submits a proposal on both said schedules, and an award, if made thereunder, will not be made for less than both of said schedules in a single contract.

SCHEDULE 28SC

Construction of gunite-coated welded steel pipe for the Compton lateral of the Colorado River Aqueduct distribution system bet. sta. 0+89 and 71+05. Inside diameter of steel pipe 22-in.; length, 7017 ft.

NOTE: A bid on either Schedule 27SC or 28SC will not be considered unless the bidder submits a proposal on both said schedules, and an award if made thereunder, will not be made for less than both of said schedules in a single contract.

The items are:

- (1) Trench excav., cu. yds.:
Long Bch 28P 43,000 26SC 40,500
Torrance .27P 7,600 27SC 6,700

Compton .28P	5,200	28SC	4,500
(2) Excav. for struc., cu. yds.:			
Long Bch 26P	750	26SC	750
Torrance .27P	100	27SC	100
Compton .28P	110	28SC	110
(3) Backfill, cu. yds.:			
Long Bch 26P	32,800	26SC	32,600
Torrance .27P	5,600	27SC	5,200
Compton .28P	4,000	28SC	3,700
(4) Rock refill, tons:			
Long Bch 26P	300	26SC	300
Torrance .27P	200	27SC	200
Compton .28P	200	28SC	200
(5) Conc. in struc., cu. yds.:			
Long Bch 26P	380	26SC	350
Torrance .27P	110	27SC	80
Compton .28P	95	28SC	80
(6) Concr. in cradle, cu. yds.:			
Long Bch 26P	100	26SC	100
Torrance .27P	50	27SC	50
Compton .28P	50	28SC	50
(7) Precast concrete pipe, diam 36 in., in. ft.:			
(7a) With std. lock-joints—			
Long Bch 26P	23,750	264C	-----
Torrance .27P	-----	47SC	-----
Compton .28P	-----	28SC	-----
(7b) With Welded lock-joints—			
Long Bch 26P	760	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(8) Precast concrete pipe, diam. 30 in., in. ft.:			
(8a) With std. lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	5,980	27SC	-----
Compton .28P	-----	28SC	-----
(8b) With welded lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	395	27SC	-----
Compton .28P	-----	28SC	-----
(9) Precast concrete pipe, diam. 21 in., in. ft.:			
(9a) With std. lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	6,465	28SC	-----
(9b) With welded lock-joints—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	445	28SC	-----
(10) furn. and placing steel cyl. reinf. in			
(10a) 13 gauge—			
Long Bch 26P	5,955	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(10b) 12 gauge—			
Long Bch 26P	17,590	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(10c) 5/16-in. plate—			
Long Bch 26P	80	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(11) furn. and placing steel cyl. reinf. in 30-in. PCP, in. ft.:			
(11a) 14 gauge—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	3,420	27SC	-----
Compton .28P	-----	28SC	-----
(11b) 13 gauge—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	2,780	27SC	-----
Compton .28P	-----	28SC	-----
(11c) 5/16-in. plate—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	35	27SC	-----
Compton .28P	-----	28SC	-----
(12) furn. and placing steel cyl. reinf. in 21-in. PCP, in. ft.:			
(12a) 14-gauge—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	-----	27SC	-----

Compton .28P	6,720	28SC	-----
(12b) 5/16-gauge—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	414,000	27SC	-----
Compton .28P	40	28SC	-----
(13) furn. and placing reinf. steel in PCP, lbs.:			
Long Bch 26P	2,150,000	26SC	-----
Torrance .27P	214,000	27SC	-----
Compton .28P	228,000	28SC	-----
(14) placing reinf. steel in struc., lbs.:			
Long Bch 26P	55,000	26SC	52,000
Torrance .27P	11,000	27SC	10,000
Compton .28P	12,000	28SC	10,000
(15) furn. and install 37-in. spun mortar line steel pipe, in. ft.:			
(15a) 5/16-in. plate—			
Long Bch 26P	51	26SC	24,710
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(15b) 1/2-in. plate—			
Long Bch 26P	121	26SC	121
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(16) furn. and install 31-in. spun mortar lined steel pipe, in. ft.:			
(16a) 5/16-in. plate—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	37	27SC	6,470
Compton .28P	-----	28SC	-----
(16b) 1/2-in. plate—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	27	27SC	27
Compton .28P	-----	28SC	-----
(17) furn. and install 22-in. spun mortar lined steel pipe, in. ft.:			
5/16-in. plate—			
Long Bch 26P	-----	26SC	-----
Torrance .27P	-----	27SC	-----
Compton .28P	40	28SC	7,010
(18) Inplacement under RR tracks, in. ft.:			
Long Bch 26P	121	26SC	121
Torrance .27P	27	27SC	27
Compton .28P	-----	28SC	-----
(19) pipe coating, type B, sq. ft.:			
Long Bch 26P	2,100	28SC	247,000
Torrance .27P	800	27SC	55,000
Compton .28P	500	28SC	42,500
(20) furn. and install steel manhole assemblies, lbs.:			
Long Bch 26P	8,200	26SC	8,200
Torrance .27P	3,000	27SC	3,000
Compton .28P	3,700	28SC	3,700
(21) furn. and install thimbles for connections to flange fittings, lb.:			
Long Bch 26P	100	26SC	100
Torrance .27P	500	27SC	500
Compton .28P	100	28SC	100
(22) furn. and install steel plate specials, lbs.:			
Long Bch 26P	35,000	26SC	31,000
Torrance .27P	18,000	27SC	16,000
Compton .28P	15,000	28SC	13,000
(23) furn. and install electrolysis test points, type 1:			
Long Bch 26P	1	26SC	1
Torrance .27P	-----	27SC	-----
Compton .28P	-----	28SC	-----
(24) same, type 2:			
Long Bch 26P	-----	26SC	-----
Torrance .27P	1	27SC	1
Compton .28P	-----	28SC	-----
(25) same, type 3:			
Long Bch 26P	3	26SC	3
Torrance .27P	2	27SC	2
Compton .28P	2	28SC	2
(26) install misc. metal, lb.:			
Long Bch 26P	44,000	26SC	44,000
Torrance .27P	17,000	27SC	17,000

Compton .28P	13,000	28SC	13,000
27) furn and install 6-in. C I pipe for sewer reconstr., lin. ft.:			
Long Bch 26P	100	26SC	100
Torrance .27P	.....	27SC	.....
Compton .28P	.....	28SC	.....
28) remodeling house conn. sewers, lin. ft.:			
Long Bch 26P	100	26SC	100
Torrance .27P	.....	27SC	.....
Compton .28P	.....	28SC	.....

The complete total bids were:

(A) Western Pipe & Steel Co.:
Sched. 26P, no bid; Sch. 26SC, \$260,-
336.70; Sch. 27P, no bid; Sch. 27SC,
\$58,073.80; Sch. 28P, no bid; Sch. 28-
SC, \$47,906.20; grand total, \$366,316,-
70. No stipulations.

(B) United Concrete Pipe Corp.:
Sch. 26P, \$260,175.40; Sch. 26SC, \$295,-
051.55; Sch. 27P, \$62,006.75; Sch. 27-
SC, \$63,283.10; Sch. 28P, \$52,744.40;
Sch. 28SC, \$55,731.80; grand total,
\$627,247 and 28P, \$374,928.55; grand
total, 26SC, 27SC and 28SC, \$414,-
096.47. Stipulations: Will only accept
Sched. 26P, 27P and 28P to-
gether, or will only accept 26SC,
27SC and 28SC together.

(C) Southwest Welding & Mfg. Co.
Alhambra: Sch. 26P, no bid; Sch. 26SC,
\$279,713.50; Sch. 27P, no bid;
Sch. 27SC, \$60,224.50; Sch. 28P, no bid;
Sch. 28SC, \$49,966; grand total,
\$389,904. Stipulations: All or none.

(D) American Concrete and Steel
Pipe Co., South Gate: Sch. 26P, \$300,-
782; Sch. 26SC, no bid; Sch. 27P, \$7,
\$66,342.25; Sch. 27SC, no bid; Sch. 28P,
\$51,535; Sch. 28SC, no bid; grand
total, \$418,659.25. Stipulations: Will
accept all three schedules, or will
accept 26P alone. Will not accept
27P and 28P without 26P.

(E) Consolidated Steel Corp., Ltd.,
Los Angeles: Sch. 26P, no bid; Sch. 26SC,
\$302,077.50; Sch. 27P, no bid;
Sch. 27SC, \$72,278.50; Sch. 28P, no bid;
Sch. 28SC, \$62,215; grand total,
\$432,571. Stipulations: If awarded
26SC, 27SC and 28SC in combination
deduct 26c l.f. from Items 15a, 16a
and 17, which amounts to \$9,929.40,
making a net total of \$426,641.60 for
the three schedules.

The complete unit bids for each
schedule follow:

SCHED. 26P—LONG BEACH			SCHED. 26SC—LONG BEACH		
(A)	(B)	(D)	(A)	(B)	(D)
(1)	\$.50	\$.60	(1)	\$.47	\$.70
(2)	1.00	3.00	(2)	1.50	1.00
(3)	.15	.35	(3)	.22	.20
(4)	2.20	3.00	(4)	3.00	2.90
(5)	20.00	30.00	(5)	20.00	20.00
(6)	10.00	10.00	(6)	8.00	10.00
(7a)	3.21	3.30	(14)	.02	.02
(7b)	3.71	3.85	(15a)	7.60	8.68
(10a)	2.50	2.30	(15b)	2.00	2.40
(10b)	2.55	2.50	(27)	2.00	4.00
(10c)	8.40	20.00			
(13)	.032	.04			
(14)	.02	.025			
(15a)	10.00	12.50			
(15b)	11.00	17.50			
(18)	25.00	31.50			
(19)	.10	.20			
(20)	.16	.22			
(21)	.20	.25			
(22)	.16	.25			
(23)	100.00	150.00			
(25)	150.00	150.00			
(26)	.03	.025			
(27)	2.00	2.40			
(28)	2.00	4.00			

PRESIDIO—SEWER SYSTEM—(GOVT)

FORT MASON, Calif.—J. A. Fazio
and M. J. McGuire and M. Hester,
1483 Hopkins St., Oakland, at \$69,-
636, submitted low bid to the Con-
structing Quartermaster, Fort Ma-
son, under Bid No. W. 6616-39-45,
for the construction of an intercept-
ing sanitary sewer system at Presidio
of San Francisco.

Bids were taken on:

(I) Construction of an intercepting
sanitary sewer system from Fort
Scott, through the Presidio, through
Letterman General Hospital, through
Crickey Field, necessary laterals, two
sewage pump plants in the Presidio
of San Francisco, and an intercept-
ing sanitary sewer system at Fort
Mason.

(II) Deduction if Pumping Plant
No. 1 Schedule is not constructed.

(III) Deduction if the Fort Mason
East Portal line and connections is
not constructed.

Work involves:

- (1) earth excav., per cu. yd.;
- (2) rock excav., per cu. yd.;
- (3) concrete in place (including
forms), per cu. yd.;
- (4) steel bars, reinf. (in place), per
cwt.
- (5) 6-in. clay sewer pipe (in place,
including excav. and backfill),
per lin. ft.;
- (6) 8-in. clay pipe do;
- (7) 10-in. clay sewer pipe, do;
- (8) 12-in. clay sewer pipe, do;
- (9) 15-in. clay sewer pipe, do;
- (10) 18-in. clay sewer pipe, do;
- (11) 21-in. clay sewer pipe, do;
- (12) 6-in. cast iron, Class A pipe, do;
- (13) 8-in. cast iron, Class A pipe, do;
- (14) 16-in. cast iron, Class A pipe, do;
- (15) 4-in. cast iron, Class A pipe, do;
- (16) wyves, 8-in. by 8-in. (clay sewer
pipe), each;
- (17) wyves, 10-in. by 10-in. by 8-in.,
do;

- (18) wyves, 12-in. by 12-in. by 8-in.,
do;
- (19) wyves, 15-in. by 15-in. by 8-in.,
do;
- (20) wyves, 18-in. by 18-in. by 8-in.,
do;
- (21) wyves, 21-in. by 21-in. by 8-in.,
do;
- (22) cast iron fittings, per lb.;
- (23) manhole, complete, depth 5 ft.,
each;
- (24) manhole, per ft. or depth over
or under 5 ft.;
- (25) manhole frame and cover, coat-
ed, each;
- (26) sheeting left in place, per M ft.
E.M.;
- (27) gravel (in place), per cu. yd.

Total bids follow:

- (A) J. A. Fazio and M. J. McGuire
and M. Hester, Oakland, (I) \$69,636;
(II) \$5,385; (III) \$1,594.
- (B) Heafey, Moore Co., & Fredrick-
son & Watson Const. Co., Oak-
land, (I) \$75,500; (II) \$6,000;
(III) \$1,500.
- (C) MacDonald & Kahn Co., Ltd.,
San Francisco, (I) \$82,938; (II)
\$5,900; (III) \$1,200.
- (D) West Constr. Co., San Francisco,
(I) \$66,535; (II) \$6,371.80; (III)
\$1,500.
- (E) The Fay Improvement Co., San
Francisco, (I) \$88,900; (II) \$5,-
800; (III) \$850.
- (F) W. J. Tobin, Oakland, (I) \$90,-
101.16; (II) \$8,773.04; (III) \$1,-
770.
- (G) Charles L. Harney, San Fran-
cisco, (I) \$98,000; (II) \$9,000;
(III) \$2,000.
- (H) Pacific States Const. Co., San
Francisco, (I) \$98,500; (II) \$11,-
000; (III) \$2,000.
- (I) Eaton & Smith, San Francisco,
(I) \$107,185; (II) \$8,772; (III)
\$5,205.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
1	\$1.00	\$1.00	\$1.50	\$1.50	\$1.96	\$2.50	\$1.65	\$2.00
2	5.00	2.00	3.00	5.00	5.00	4.75	3.85	3.50
3	30.00	25.00	20.00	20.00	24.00	26.00	22.00	40.00
4	7.00	6.00	5.00	5.00	5.00	5.50	6.60	6.00
5	1.25	1.00	3.00	1.25	2.42	2.22	1.75	1.70
6	1.50	1.40	3.15	1.40	2.95	3.24	2.65	2.80
7	2.00	1.80	3.30	1.50	3.00	4.00	3.20	3.00
8	2.25	2.00	3.45	1.80	3.40	4.25	4.00	3.80
9	2.50	2.20	3.85	2.50	3.65	4.54	5.00	4.20
10	3.00	3.50	4.45	2.93	4.50	6.32	5.50	5.20
11	3.50	4.50	5.10	3.60	5.75	7.73	6.00	6.50
12	1.75	1.09	3.50	1.69	2.00	2.40	2.30	1.30
13	2.25	2.50	4.25	2.00	2.30	3.00	3.30	2.00
14	5.00	4.50	7.00	4.18	4.50	6.00	8.40	10.00
15	1.00	1.30	3.30	1.14	2.00	2.00	1.40	1.00
16	2.00	2.70	3.25	1.70	2.00	2.00	1.90	2.00
17	3.00	3.50	3.75	2.38	2.70	2.50	2.70	3.00
18	3.50	4.30	4.50	3.06	3.00	3.50	3.40	4.00
19	6.10	6.80	6.50	5.10	5.25	5.50	5.60	6.00
20	8.50	10.00	9.00	7.14	8.00	7.50	7.85	8.00
21	11.00	14.00	11.00	9.52	10.00	10.00	10.50	11.00
22	.07	.11	.15	.15	.07	.08	.55	.07
23	100.00	100.00	90.00	90.00	90.00	100.00	88.00	175.00
24	10.00	21.00	12.00	15.00	15.00	10.00	9.00	20.00
25	20.00	23.00	25.00	18.00	15.00	15.50	16.00	18.00
26	50.00	20.00	100.00	125.00	50.00	30.00	16.50	40.00
27	5.00	3.00	4.00	3.00	3.00	4.25	3.25	4.00

MONO CO.—GRADING AND TREATMENT—(STATE)

MONO COUNTY, Calif.—Jack Cas-
son, 319 Warren St., Hayward, at
\$49,877.20, submitted low bid to the
State Division of Highways, C. H.
Purcell, State Highway Engineer,
Public Works Bldg., Sacramento, for
about 7 miles of grading and road-
mix surface treatment and Class A
seal coat to be applied on highway
between Benton Station and Nevada
State Line (IX-Mno-76-B), Mono Co.

Work involves:

- (1) clearing and grubbing;
- (2) 45,400 cu. yd. roadway excavation
without classification;
- (3) 34,700 sta. yd. over haul;
- (4) 1,160 cu. struct. excav.;
- (5) 7,970 cu. ditch excav.;
- (6) 13,700 cu. Imported borrow;
- (7) 369 sta. finish roadway;
- (8) 91,820 sq. yds. prepare, mix, and
shape roadbed;

- (10) 95 tons of liquid asphalt SC-2 prime coat and penetration oil treatment;
- (11) 950 tons liq. asph. ROMC-2, -3, or -4 road mix surf. treatment;
- (12) 94 tons liq. asph. MC-3 seal coat;
- (13) 690 tons sand seal coat;
- (14) 92 c.y. rubble masonry;
- (15) 116 lf. 18-in. CMP;
- (16) 1970 lf. 24-in. CMP;
- (17) 394 lf. 30-in. CMP;
- (18) 94 lf. 36-in. CMP;
- (19) 52 lf. 48-in. CMP;
- (20) 356 lf. removing, cleaning and relaying pipe culverts;

- (21) 40 lf. removing, cleaning, and salvaging pipe culverts;
 - (22) 106 each culvert markers;
 - (23) 56 each monuments.
- Total bids follow:
- (A) Jack Casson, Hayward, \$49,877.-20.
 - (B) Basich Bros., Torrance, \$52,376.-85.
 - (C) R. L. Oakley, Pasadena, \$52,-892.00.
 - (D) Nevada Rock and Sand Co., Inc., Reno, \$54,725.90.
 - (E) Oswald Bros., Los Angeles, \$55,-259.00.

(18).....	27.00	25.00	26.00	23.00
(19).....	.092	.09	.09	.113
(20).....	.21	.16	.22	.25
(21).....	.10	.20	.35	.35
(22).....	.095	.16	.15	.15
(23).....	118.00	100.00	130.00	150.00
(25).....	118.00	150.00	130.00	200.00
(26).....	.06	.03	.05	.05
(27).....	2.00	2.00	1.50	2.50
(28).....	1.50	2.00	1.50	2.50

SHCHED. 27P-TORRANCE

(1).....	(B)	(D)
(2).....	\$ 70	\$ 55
(3).....	.092	1.30
(4).....	.22	3.00
(5).....	.22	3.00
(6).....	20.00	30.00
(7).....	10.00	10.00
(8a).....	2.99	2.80
(8b).....	3.29	3.35
(11a).....	2.15	1.80
(11b).....	2.30	2.00
(11c).....	4.40	20.00
(13).....	.032	.04
(14).....	.611	.025
(16a).....	6.00	15.00
(16b).....	8.00	25.00
(18).....	30.00	32.00
(19).....	.10	.20
(20).....	.16	.22
(21).....	.20	.25
(22).....	.16	.25
(24).....	150.00	150.00
(25).....	150.00	175.00
(26).....	.03	.025

SCHED. 27SC-TORRANCE

(1).....	(A)	(B)	(C)	(D)
(2).....	\$.66	\$.90	\$.60	\$.80
(3).....	.22	.25	.21	.35
(4).....	3.00	2.20	2.90	3.00
(5).....	20.00	25.00	20.00	15.00
(6).....	8.00	10.00	8.00	10.00
(14).....	.02	.02	.00	.007
(16a).....	6.11	6.53	6.40	7.60
(16b).....	9.30	12.00	8.50	11.50
(18).....	21.00	30.00	20.00	23.00
(19).....	.10	.09	.10	.14
(20).....	.20	.16	.22	.25
(21).....	.10	.20	.35	.35
(22).....	.095	.16	.14	.15
(24).....	107.00	150.00	130.00	150.00
(25).....	118.00	150.00	130.00	150.00
(26).....	.06	.03	.05	.05

SCHED. 28P-COMPTON

(1).....	(B)	(D)
(2).....	\$ 70	\$ 65
(3).....	1.30	3.00
(4).....	.20	.35
(5).....	2.20	3.00
(6).....	21.00	30.00
(7).....	10.00	10.00
(9a).....	2.79	2.35
(9b).....	3.09	2.85
(12a).....	2.10	1.50
(12b).....	4.40	15.00
(13).....	.032	.04
(14).....	.02	.025
(17).....	6.00	15.00
(19).....	.10	.20
(20).....	.16	.22
(21).....	.20	.25
(22).....	.16	.25
(25).....	150.00	150.00
(26).....	.03	.025

SCHED. 28SC-COMPTON

(1).....	(A)	(B)	(C)	(D)
(2).....	\$.52	\$ 1.00	\$.50	\$.80
(3).....	.22	.25	.21	.35
(4).....	3.00	2.20	2.90	3.00
(5).....	20.00	25.00	20.00	15.00
(6).....	8.00	10.00	8.00	10.00
(14).....	.02	.02	.00	.007
(17).....	4.87	5.68	5.10	6.25
(19).....	.11	.09	.11	.165
(20).....	.20	.16	.22	.25
(21).....	.10	.20	.35	.35
(22).....	.095	.16	.14	.15
(25).....	118.00	150.00	130.00	200.00
(26).....	.06	.03	.05	.05

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	
(1).....	\$1200.00	\$1000.00	\$1500.00	\$ 500.00	\$2000.00
(2).....	.10	.30	1.00	1.50	.75
(3).....	.17	.22	.15	.20	.20
(4).....	.005	.003	.01	.01	.005
(5).....	1.00	.50	1.00	1.00	.80
(6).....	.25	.14	.20	.20	.30
(7).....	.40	.38	.45	.30	.50
(8).....	3.00	5.00	3.00	7.00	3.00
(9).....	.035	.042	.045	.045	.05
(10).....	12.50	12.00	13.00	15.00	15.00
(11).....	14.00	12.50	14.50	16.50	13.40
(12).....	14.00	14.00	15.00	17.00	16.00
(13).....	2.00	4.00	1.50	2.00	1.50
(14).....	12.00	14.00	12.00	18.00	12.25
(15).....	2.00	3.00	2.25	2.00	2.00
(16).....	3.00	3.50	3.10	3.00	2.50
(17).....	4.00	4.00	3.75	4.00	3.50
(18).....	5.00	6.00	5.50	5.50	5.00
(19).....	7.00	8.00	8.00	8.00	7.50
(20).....	.75	.60	1.25	1.25	1.00
(21).....	.75	.60	1.00	1.25	1.00
(22).....	3.00	2.00	2.00	3.00	2.00
(23).....	3.00	3.00	3.00	3.00	2.50

MERCED CO.—BRIDGE IMPROV.—(STATE)

MERCED COUNTY, Calif.—A. A. Tieslau, 2819 Telegraph Ave., Berkeley, at \$14,134.50 submitted low bid to the State Division of Highways, R. E. Pierce, District Engr., Stockton, for redecking and widening a bridge across Fresno River about 17.4 miles east of Los Banos, District X, Route 32, Section C, Merced County.

- Work involves:
- (1) 1 lot removing superstructure of existing bridge;
 - (2) 6 sta. clearing and grubbing;
 - (3) 55 M gal. water;
 - (4) 10 c.y. struc. excav.;
 - (5) 1,900 c.y. imported borrow;
 - (6) 6 sta. finishing roadway;
 - (7) 390 tons untreated crushed gravel or stone surf.;
 - (8) 190 tons mineral aggreg (plant mixed surf.);
 - (9) 10 tons liq. asph., ROMC-3, 4, or 5 (plant mixed surf.);
 - (10) 1 ton liq. asph. MC-2 (prime coat);

- (11) 4 tons liq. asph., SC-2 (penetration oil treat.);
 - (12) 1 ton asphaltic emulsion(seal coat and paint binder);
 - (13) 10 tons screenings (seal coat);
 - (14) 47,000 lbs. bar reinf. steel;
 - (15) 305 c.y. Class "A" Port. cement concrete;
 - (16) 7,700 lbs. misc. iron and steel;
 - (17) 450 lf. timber railing;
 - (18) 182 lf. temp. railing;
 - (19) 112 each, clinch anchors;
 - (20) 2 each, portable barricades;
 - (21) 1 lot misc. items of Work.
- Total bids follow:
- (A) A. A. Tieslau, Berkeley, \$14,-134.50.
 - (B) M. A. Jenkins, Sacramento, \$14,-628.00.
 - (C) Joseph Shaw, Oakland, \$15,121, or \$17,421 (bid irregular).
 - (D) C. W. Caleffi & Co., San Rafael, \$17,802.00.
 - (E) L. C. Seidel, Oakland, \$18,671.20.
 - (F) F. Kaus, Stockton, \$20,695.50.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$500.00	\$500.00	\$500.00	\$400.00	\$800.00
(2).....	17.00	10.00	7.00	20.00	7.00
(3).....	2.00	1.00	1.00	1.50	2.00
(4).....	2.00	2.50	2.00	2.00	3.00
(5).....	.60	.80	.60	.60	.71
(6).....	15.00	10.00	12.00	10.00	10.00
(7).....	2.50	2.25	2.50	3.00	4.00
(8).....	4.00	3.00	4.50	4.50	4.70
(9).....	20.00	33.00	20.00	20.00	22.70
(10).....	70.00	35.00	45.00	40.00	51.70
(11).....	25.00	30.00	40.00	30.00	35.50
(12).....	40.00	40.00	60.00	40.00	51.00
(13).....	4.50	4.00	5.00	5.00	5.50
(14).....	.055	.04	.045	.045	.05
(15).....	16.00	21.00	20.00	22.50	24.00
(16).....	.14	.12	.15	.15	.20
(17).....	1.00	1.00	1.20	1.50	1.60
(18).....	1.75	.75	1.50	1.50	1.60
(19).....	3.00	2.50	2.00	2.00	2.50
(20).....	17.50	10.00	20.00	50.00	20.00
(21).....	300.00	300.00	500.00	2000.00	400.00

* or \$2800.00 (bid Irregular).

San Francisco's Finest Printers—STARK-RATH Printing Company

CONTRACT AWARDED
 LOS ANGELES, Calif.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at \$86,316.70 awarded

the contract by Metropolitan Water District, Los Angeles, for constructing the Long Beach, Torrance and Compton laterals of the Colorado aqueduct, Spec. 293. The award was based on the use of welded steel plate pipe with gunite exterior coating and mortar lining, Sch. 26-SC, 47 miles of 37-in. pipe; Sch. 27-SC, 4.2 miles of 31-inch pipe, and Sch. 28-SC, 1.3 miles of 22-inch pipe. * 31

CONTRACT AWARDED

CORVALLIS, Benton Co., Oregon—Empire Construction Co., per Robt. A. Bitar, Portland, at \$119,052 (Sch. B—steel pipe) awarded contract by the Corvallis Water Commission, W. F. Grove, Clerk, Corvallis, under P W A Docket 1370, for furnishing material and building pipe line from Rock Creek to Baldy Butte Reservoirs, consisting mainly of about 21,000 ft. of 20-in. pipe, and 21,000 ft. of 16-in. pipe. Alternates on cast iron and welded steel pipe. * 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN LEANDRO, Alameda County, Calif.—Until Jan. 16, 5:00 P. M., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1120 East 14th St., San Leandro, or until 8:00 P.M. by the City Clerk, 250 Davis St., San Leandro and will be opened at 8 P.M. (at the Council Chambers, City Hall, 250 Da-

vis St., San Leandro), for the construction of a Municipal Sewage Disposal Project—Unit 2, located at San Leandro. The bids formerly received were all rejected, and this new call for bids eliminates the garbage disposal plant, calling for a sewage system only.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00. * 32

CONTRACT AWARDED

SILVERTON, Marion Co., Oregon.—Kuckenberg Const. Co., 11104 NE Holman, Portland, at \$34,247 awarded contract by George W. Hubbs, City Recorder, Silverton, under P W A Docket 1334, for sewage treatment plant-outfall sewer and interconnections. * 32

BIDS WANTED

FRFSNO, Calif.—Until Jan. 12, 11 A. M., bids will be received by the Fresno city commission for constructing sewers in the New High School Addition, Boulevard Gardens, Lot 9 of Montpelier Tract, Paul's Gardens, Subdivision of Lot 7, Poppy Colony, Normal View, and Van Ness Heights, Res. of Intention No. 136-D (1911 Act), in accordance with plans and specifications prepared by Jean Vincenz, Commissioner of Public Works. The work involves: (1) 4320 ft. 6-in. vitrified sewer; (2) 2146 ft. of 8-in. vitrified sewer; (3) 22 concrete manholes. * 32
H. S. Foster, city clerk.

33— WATER WORKS

COMPLETE BIDS

PORTLAND, Multnomah Co., Ore.—Parker - Schram Co., Couch Bldg., Portland, at \$41,294 (transite pipe), submitted low bid to the Hazelwood Water District, M. J. Webber, 102nd and Halsey, under PWA docket 1395, for a domestic water system including pumps, tank, mains and services.

- Bids were taken on:
(1) Labor.
(2) Cast iron pipe.
(3) Transite pipe.
(4) Cast iron pipe plus labor.
(5) Transite pipe plus labor.

Complete bids follow:
Parker - Schram Co., Portland, (1) \$10,810; (2) \$39,750; (3) \$50,483; (4) \$50,560; (5) \$41,294.

Contracting & Sales Co., Portland, (1) \$11,568; (2) \$32,421; (3) \$30,420; (4) \$43,989; (5) \$41,988.
United Contracting Co., Portland, (1) \$15,303; (2) \$37,579; (3) \$31,370; (4) \$52,818; (5) \$46,609.
F. J. Gregoire, Portland, (1) \$14,311; (2) \$39,299; (3) \$32,672; (4) \$53,610; (5) \$32,983.

Superior Const. Co., Seattle, (1) \$18,339; (2) \$36,187; (3) \$30,234; (4) \$54,528; (5) \$48,574.
Eugene Ruedy Co., Portland, (1) \$14,329; (2) \$33,470; (3) \$34,384; (4) \$47,799; (5) \$48,713.
Williams & Van Valkenburgh, Los Angeles, (1) \$14,243; (2) \$34,192; (3) \$36,473; (4) \$49,440; (5) \$57,721. * 33

SAN BERNARDINO CO.—BRIDGE CONSTR.—(STATE)

SAN BERNARDINO CO., Calif.—Edward Green, 3025 St. George St., Los Angeles, at \$35,278, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a bridge 408 feet in length, consisting of timber stringer spans with concrete deck on pile bents, the roadway approaches to be graded, imported surf. material to be placed thereon, and road mix surfacing treatment applied, across Mojave River at Baker (VIII-SBD-31-K), San Bernardino County.

Work involves:

- (1) 1 lot remove existing timber;
- (2) 12 sta. clear and grub;
- (3) 244 M. gals. water;
- (4) 8,400 c.y. rdwy. excav., unclass.;
- (5) 400 c.y. struc. excav.;
- (6) 26,600 sta. yds. overhaul;
- (7) 1,330 c.y. imported surf. mat.;
- (8) 8 sta. finish rdwy.;

- (9) 4,000 sq. yds. prepare, mix and shape roadbed;
- (10) 49 tons liq. asph. SC-4 road mix surf. treat.;
- (11) 2 tons liq. asph. 90-95 seal coat
- (12) 20 c.y. sand seal coat;
- (13) 38,000 lbs. bar reinf. steel;
- (14) 215 c.y. Class A Portland cement concrete;
- (15) 86 MFBM redwood timber dense select all heart struc. grade;
- (16) 36 MFBM do, select all heart struc. grade;
- (17) 23 MFBM salvaged redwood timber;
- (18) 4,930 l.f. furnish treated Douglas fir piles including test piles;
- (19) 123 each drive do;
- (20) 128 l.f. 48-in. CMP;
- (21) 128 l.f. salvaging CMP;
- (22) 32 each guide posts;
- (23) 500 sq. yds. asph. paint binder;
- (24) 450 c.y. salvage surf.;
- (25) 1 lot misc. items of work.

- (A) Edward Green, Los Angeles, \$35,278.00.
- (B) R. M. Price, South Gate, \$35,924.90.
- (C) Valley Constr. Co., San Jose, \$36,022.00.
- (D) White & Wilberg, Santa Monica, \$36,082.30.
- (E) S. A. Cummings, San Diego, \$36,603.50.
- (E) E. G. Perham, Los Angeles, \$37,156.60.
- (G) J. A. Casson, Hayward, \$38,485.50.
- (H) Ralph O. Dixon, San Angeles, \$39,735.10.
- (I) J. S. Metzger & Son, Los Angeles, \$39,886.00.
- (J) Geo. Herz & Co., San Bernardino, \$40,165.60.
- (K) Byerts & Dunn, Los Angeles, \$42,326.00.
- (L) A. S. Vinnell Co., Los Angeles, \$46,530.60.

Total bids follow:

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$ 600.00	\$ 500.00	\$ 500.00	\$ 500.00	\$1000.00	\$ 900.00	\$ 350.00	\$1000.00	\$1500.00	\$1000.00	\$1500.00	\$3000.00
(2).....	5.00	5.00	10.00	10.00	3.00	5.00	5.00	5.00	10.00	3.00	10.00	10.00
(3).....	1.00	1.25	2.00	2.00	3.00	1.00	2.00	3.00	1.50	1.25	3.00	2.50
(4).....	.37	.30	.30	.28	.33	.38	.25	.50	.30	.48	.30	.45
(5).....	1.00	.75	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00
(6).....	.01	.005	.01	.005	.005	.005	.01	.015	.01	.01	.005	.008
(7).....	.50	.35	.40	.60	.60	.70	.50	.65	.60	.90	.40	1.50
(8).....	5.00	10.00	10.00	11.00	10.00	10.00	5.00	12.50	12.00	15.00	10.00	40.00
(9).....	.10	.10	.10	.10	.15	.15	.10	.15	.10	.14	.15	.12
(10).....	16.00	15.00	10.00	15.00	15.00	16.00	18.00	18.00	12.00	16.50	10.00	14.00
(11).....	30.00	45.00	55.00	40.00	50.00	70.00	35.00	69.00	60.00	50.00	50.00	50.00
(12).....	2.00	6.00	3.50	4.00	3.00	4.00	4.00	7.00	3.50	6.00	8.00	4.00
(13).....	.05	.06	.05	.046	.05	.055	.06	.055	.06	.065	.05	.07
(14).....	20.00	20.50	20.00	16.00	22.00	20.00	25.00	20.00	20.00	23.00	30.00	27.00
(15).....	110.00	121.00	105.00	120.00	115.00	116.00	114.00	125.00	100.00	120.00	130.00	125.00
(16).....	110.00	118.00	100.00	116.00	110.00	109.00	114.00	115.00	100.00	110.00	125.00	120.00
(17).....	15.00	35.00	50.00	40.00	10.00	36.00	30.00	50.00	40.00	26.00	25.00	40.00
(18).....	.70	.73	.90	.81	.60	.62	.85	.72	.80	.75	.80	.68
(19).....	25.00	20.00	25.00	20.00	28.00	20.00	20.00	15.00	30.00	25.00	25.00	35.00
(20).....	8.00	8.00	10.00	8.50	9.00	11.00	7.00	7.00	8.00	8.00	9.00	7.50
(21).....	1.00	1.00	1.00	1.00	1.00	1.00	.50	1.00	1.00	.70	.50	1.30
(22).....	2.00	2.00	3.00	3.00	1.50	3.00	3.00	3.00	3.00	3.50	2.00	1.50
(23).....	.10	.05	.20	.12	.10	.12	.10	.15	.10	.05	.10	.02
(24).....	.50	.60	1.00	1.50	.75	1.00	.50	1.00	.60	.90	.50	1.00
(25).....	500.00	500.00	500.00	800.00	400.00	400.00	350.00	750.00	700.00	500.00	1550.00	1000.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until Jan. 11, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6266, for 10,000 electric headlamps; f.o.b. shipping point and/or Spokane, Wash.; Bartlett, N. H.; Jackson, Miss; Sheridan, Ark.; and Government Island.

Plans and specifications may be obtained from the above office. *

GOVERNMENT ISLAND, Calif.—Until Jan. 10, 2:00 P.M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 6270: corrugated metal pipe culvert; f.o.b. shipping point and/or Santa Rosa.

BID NO. 6271: 350 back pack water cans; f.o.b. shipping point and/or Government Island.

BID NO. 6272: 300 back pack pumps; f.o.b. shipping point and/or Government Island.

BID NO. 6273: 750 lengths 1/2-inch wire insert hose; f.o.b. shipping point and/or Government Island. Plans and specifications may be obtained from the above office. *

GOVERNMENT ISLAND, Calif.—Until Jan. 9, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 6267: basins, wash boards, tubs, boilers, buckets, pails, cans; f.o.b. shipping point and/or Government Island.

BID NO. 6268: stove pipe, elbows, mattocks, pumps, saws, wrenches; f.o.b. shipping point and/or Government Island.

Plans and specifications may be obtained from the above office. *

CANAL ZONE

PANAMA CANAL.—Until Jan. 10, 10:30 A. M., bids will be received by General Purchasing Officer, Washington, D. C., under Sched. No. 3412, for furnishing misc. supplies and materials, including:

Power cable, kitchen sinks, cast-iron water pipe bends, boiler tubes, tubing (for safe ending locomotive superheater flues), switch stands, board end clamps and yokes, fuse-cup terminals, enclosed cartridge fuses, asbestos-board insulation, carbon-steel bars, wire casting brushes, asbestos - magnesia pipe covering, molding sand, cup grease, caustic soda, joiners flake glue, manifold paper, steel concrete reinf. bars, and clay sewer pipe; fob Cristobal an/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agt., The Panama Canal, Ft. Mason, San Francisco.

PANAMA CANAL.—Until Jan. 18, 10:30 A.M., bids will be received by the General Purchasing Officer,

Washington, D. C., under Sch. No. 3413, for 42,000 bbls. Portland cement, f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Ft. Mason, San Francisco. *

WAR DEPARTMENT

FORT MASON, Calif.—Until Jan. 12, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-202, for one pipe-threading machine; f.o.b. Fort Mason.

Plans and specifications may be obtained from the above office. *

SACRAMENTO, Calif.—Until Jan. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, for furnishing supplies and materials, as follows:

BID NO. 1105-39-153: for furnishing misc. castings; fob Rio Vista.

BID NO. 1105-39-159: furnishing and delivering three dredge pump em-pellers, rough h.p. ring casting, L. P. slide valve.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Jan. 13, 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-205, for one steam boiler, 25 H.P., horizontal type with not less than 250 sq. ft. effective water heating surface; f.o.b. shipping point and/or Fort Mason.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 12, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-170, for a Marine type gasoline engine and accessories; f.o.b. U. S. Engineer Storehouse.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 10, 3:20 P.M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-171, for electrical supplies for U. S. Dredge "A. Mackenzie" f.o.b. U. S. Dredge "A. Mackenzie," c/o General Engineering & Dry Dock Company, foot of 5th Ave., Oakland.

Plans and specifications may be obtained from the above office. *

VETERANS FACILITY

PALO ALTO, Santa Clara Co., Cal.—Until January 9, 10 A. M., bids will be received by the Veterans' Administration, Wm. H. Ratcliffe, Supv. Supt. of Construction, Palo Alto, under Bid No. 54-39-14, for furnishing complete four wire guards for windows; fob Reno, Nevada.

Plans and specifications may be obtained from the above office. *

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$200; 1920 1/2 Blake St., Berkeley; owner and contractor, W. A. Watson, premises.

ALTERATIONS, \$200; 3429 Lakeshore Avenue, Oakland; owner, Safeway Stores, 5725 E 14th St.; contractor, O. E. Long, 5105 E. 14th St.

RE-ROOF, \$85; 851 Caimar Avenue, Oakland; owner, Mrs. Roller, 851 Caimar Ave.; contractor, Wm. F. Finn, 15 Echo Ave.

ALTER, \$255; 5492 Colledge Avenue, Oakland; owner and contractor, Jay Graves, 2952 Colledge Ave., Berkeley.

ALTER, \$350; 3314 Hight St., Oakland; owner, John Reek, prem.; contractor, Parsons & Williams, 2262 80th Ave.

ALTER interior, \$280; 1076 30th St., Oakland; owner, L. T. Bishop, 114 4th St., Hollister; contractor, A. G. Macchitelli, 406 51st St.

ADDITION, \$960; 2830 Maxwell Ave., Oakland; owner, C. L. White; contractor, A. J. Gehrke, 5424 Foothill Blvd.

REPAIRS, \$75; 1069 21st St., Oakland; owner, R. Briggs, prem.; contractor, Frank Puccetti, 3925 Market St.

RE-ROOF, \$100; 780 8th St., Oakland; owner, Susie Dulgman, 3621 E. 12th St.; contractor, Hogart Bldg. & Roofing Co., 3002 Foot-hill Blvd.

FIRE repairs, \$300; 1006 Sunnynhills Road, Oakland; owner, G. Pearlman, premises; contractor, J. L. Rich, 556 37th St.

SIGN, electric, \$100; 7131 E 14th St., Oakland; owner, Valentines; contractor, Radiant Neon Displays, 756 22nd St.

SIGNS, two electric, \$300 and \$100; 3101 E 14th St., Oakland; owner, Idle Hour; contractor, Western Neon Lite Co., 1411 40th Avenue.

SIGN, electric, \$100; 5760 Adeline St., Oakland; owner, A. Galli; contractor, Western Neon Lite Co., 1411 40th Ave.

SIGN, electric, \$300; 378 30th Street, Oakland; owner, Providence Hospital; contractor, East Bay Neon Sign Serv., 2107 Bonar St., Berkeley.

SIGN, metal, \$20.00; 1614 Fruitvale Ave., Oakland; owner, Oaksdale Creamery; contractor, Boks Sign Co., 579 19th St.

ADDITION, \$300; 3124 Harrison St., Oakland; owner, Mrs. Moore, 3124 Harrison St.; contractor, Geo. H. Young, 3824 Harrison St.

STORE, 1-story, \$650; 3116 Fruitvale Ave., Oakland; owner and builder, Geo. H. Young, 3824 Piedmont Ave.

GARAGE, \$60; 1456 74th Ave., Oakland; owner ad builder, Carl Silva, 1456 74th Ave. n

ALTER, \$40; 3201 East 14th Street, Oakland; owner and builder, R. & W. Cigar Co., 3201 East 14th St.

REPAIRS, fire, \$200; 617 36th St., Oakland; owner, Geo. D. Low; contractor, W. A. Rose, 478 25th Street.

SIGN, metal, \$3; 6093 Claremont Ave.; owner and builder, Joseph Russo, 6093 Claremont Ave.

GARAGE, \$99; 3203 School Street, Oakland; owner and builder, David Toll, 2218 Thifrin Road.

Section 562 P. I. & H.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.



*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Ninth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY
PERIODICAL DEPT.

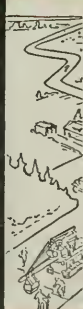
Hemstreet and Bell Bid
Siskiyou Contract



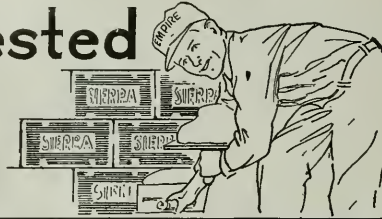
Span Approach Viaduct Out For Proposals



Building Permits, Advance Reports
of Building and Engineering
Projects



Time Tested



EMPIRE

HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone Market 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXII

SAN FRANCISCO, CALIF., JANUARY 14, 1939

No. 2

FIFTEEN FIRMS BID SISKIYOU GRADING JOB

**Hemstreet and Bell Submit
\$31,494 Proposal
To State**

SACRAMENTO, Jan. 11.—Hemstreet & Bell, Marysville, at \$31,494, today submitted the low bid to the State Division of Highways for grading 1.4 miles of highway between Scott river and a point one-half mile east of Hamburg in Siskiyou county.

The second lowest proposal was submitted by Guerin Brothers, San Francisco, at \$34,953.30, followed by A. Soda & Son, at \$36,252.90.

Total Bids

Complete total bids follow:

Hemstreet and Bell.....	\$31,494
Guerin Brothers.....	34,953
A. Soda & Son.....	36,252
Claude C. Wood.....	36,316
Harold Smith.....	38,226
J. M. Walker.....	38,245
Poulos & McEwen.....	38,324
Young & Son Company.....	38,567
Wm. Van Der Hellen.....	38,840
Larsen Bros. & Harms Bros. 41,992	
John Burman & Sons.....	44,423
West Construction Co.....	44,545
Bennett and Taylor.....	45,389
J. P. Brennan.....	53,377
Valley Construction Co.....	65,458

Principal items include: 38,500 cubic yards of unclassified excavation; 600 cubic yards of structural excavation; 4,900 cubic yards of imported borrow; and 1500 pounds of bar reinforcing steel.

CLAY PRODUCTS GROUP REPORTS HEAVY GAIN

A considerable increase in employment and large increases in wages and value of products were reported by establishments engaged primarily in the manufacture of clay products and of pottery, including porcelain ware, for 1937, as compared with 1935, according

MATERIAL PRICE AVERAGE LOWER

The wholesale building material price average dropped 0.1 per cent during the closing week of December, the U. S. Bureau of Labor Statistics reports. For the concluding 1938 week the index stood at 89.2 per cent of the 1926 level.

The slight decline in the group average was the result of lower prices for yellow pine flooring and timbers, linseed oil and turpentine, according to the bureau. Average wholesale prices for brick and tile and structural steel were firm.

Utilities Commission Calls Main Proposals

The San Francisco Public Utilities Commission yesterday issued a call for bids for laying six- and eight-inch cast iron mains in 33rd, 34th, 35th avenues and Moraga street.

Bids will be opened January 19 in the Commission's office, City Hall.

Principal items include: excavation of trenches for 3,960 lineal feet of pipe; 20 cubic yard's additional excavation and backfill; installing 3,960 lineal feet of pipe; installation of 4,500 pounds of fittings and gate valves; and 180 lineal feet of making bell and spigot joints. The contract is one in the Commission's regular program of main-laying for the Water Department.

Shipments of fire extinguishing motor equipment during November, 1938, amounted to 44 units, as compared to 70 units shipped during the same month in 1937, the Bureau of Census reports.

to preliminary figures released by Director William L. Austin of the Bureau of Census.

E. W. CALVIN LOW ON CITY FAIR EXHIBIT

Three Bids Received for Public Utilities Commission Exhibit

Ernest W. Calvin, Inc., at \$15,260 yesterday submitted the low bid to the San Francisco Public Utilities Commission for construction of an exhibit for the Commission on Yerba Buena Shoals.

Lindgren & Swinerton, Inc., at \$16,500, submitted the second lowest proposal. The only other bidder was Barrett & Hilp who bid \$22,000 on the job.

Light Effects

Additions to Ernest W. Calvin's bid were: \$363 for installing neon lighting around the ceiling; \$914 for electrification of the Municipal Railway map under plan one; and \$2,235 for electrification of the map under plan two. The additions did not alter Calvin's position as low bidder, it was understood.

The Public Utilities Commission's exhibit on Yerba Buena Shoals for the 1939 Exposition will consist of wall charts and panels. They will explain the municipal railway, the Hetch Hetchy project, street lighting, and San Francisco Airport.

The panels will consist of paintings, charts and blown-up photographs explaining each utility in easy steps. Lighting effects are expected to play a large part in the success of the exhibit.

Finish Work

Complete finishing of the exhibit room, in addition to construction of the panels, is included in the contract.

Architect Ernest Born designed the exhibit for the Public Utilities Commission.

New orders for distillate oil burners totaled 35,218 units during November, 1938, as compared to orders for 36,381 units booked during the same month in 1937, the Bureau of Census reports.

SPAN APPROACH VIADUCTS OUT FOR PROPOSALS

San Francisco, San Bernardino Out for Proposals; Date Set

SACRAMENTO, January 10.—The State Highway Commission today authorized advertising for bids on bulkhead and viaduct construction in San Bernardino and San Francisco counties. Bids on the San Francisco job will be opened in Sacramento February 1; bids on the other contract will be opened in Los Angeles February 2.

The San Francisco contract calls for construction of three viaducts between Lake street and the Golden Gate Bridge approach.

The viaducts, portions of the Funston avenue approach to the Golden Gate Bridge through the Presidio, will consist of reinforced concrete girder spans on reinforced concrete bents and abutments, according to engineers.

Other Contracts

Contracts for grading the approach in the Presidio, and reconstructing Park-Presidio boulevard, City feeder road, have been awarded.

Principal items in the new contract include: 6,600 cubic yards of structural excavation; 1,497,000 lbs. of bar reinforcing steel; 6,720 cubic yards of Class A Portland cement concrete structures; 4,280 lin. ft. furnishing treated Douglas fir piles; 9,700 lbs. of miscellaneous iron and steel; 2,690 lineal feet of steel rail viaducts; 1,298 lineal feet of merchant casing of various sizes; and engineers' offices.

Timber Bulkheads

The second job, for which bids will be opened in Los Angeles February 2, involves 1.1 miles of plant-mixed surfacing; construction of pipe and timber bulkheads; and backfilling with imported borrow between San Bernardino and the Santa Ana river in San Bernardino county.

Principal items include: 66 M. gallons of water; 300 cubic yards of unclassified roadway excavation; 5,960 cubic yards of structural excavation; 2,000 cubic yards of imported borrow; 18,000 square yards of asphalt paint binder; 3,800 tons of mineral aggregate plant-mixed surfacing; 190 tons of liquid asphalt SC-4 plant-mixed surfacing; 16 tons of liquid asphalt 90-95 seal coat; 80 tons of seal coat screenings; 230 tons of sand seal coat; 166 M FBM treated Douglas timber; 7,650 lineal feet of treated Douglas fir piles; 225 treated Douglas fir piles driven; and 1,110 lineal feet of laminated guard railing.

Plumbing Specialty Standards Higher, Say Manufacturers

Generally improved business conditions were indicated by reports presented at the recent tenth annual convention of the Plumbing and Drainage Specialty Manufacturers' Association, held at the Hotel Statler, Cleveland, last month.

M. J. Hirschstein, director of sales, Josam Manufacturing Co., Cleveland, was elected president of the Association; T. Van Helms, Central Specialty Co., Detroit, was elected vice president; and Olin C. Eckley, Ypsilanti, was re-elected secretary-treasurer.

Speakers reported an increased demand for higher standards of plumbing and drainage specialties, including improved types of roof and floor drains to meet the rapid changes in design and construction of modern buildings. Progress was reported in the specification of grease interceptors for residential buildings to protect against clogging of drain lines and septic tanks, and of new design oil, gasoline, and special interceptors for industrial waste to provide protection against fire and explosion and to eliminate costly maintenance, particularly in garages, filling stations and cleaning and dyeing establishments.

Members commented on the higher standards for plumbing work which are currently being insisted upon by plumbing inspectors. City and state plumbing inspectors, it was pointed out, have taken a firmer attitude since the Chicago amebic dysentery epidemic.

Members of the association and Federal Housing Administration have a mutual interest in the efforts of the FHA to improve the quality of plumbing workmanship and materials in houses financed under the 20-year mortgage plan, according to Mr. Hirschstein.

WESTINGHOUSE TO LIST CONTROL UNITS

Westinghouse fluorescent control units, used with tubular fluorescent lamps to maintain current and voltage at proper values, are announced by the lighting division of Westinghouse Electric & Manufacturing Company, Cleveland, Ohio.

Each lamp requires a control unit suited to the electrical operating characteristics of the fluorescent lamp selected. Operation is on alternating-current circuits only and the over-all power factor for a lamp and control units is approximately 60 per cent.

Shipments of galvanized range boilers during the first 11 months of 1938 amounted to 688,282, as compared to 695,743 units shipped during the same period in 1937, the Bureau of Census reports.

AMMUNITION DEPOT BIDS OPEN FEB. 8

\$470,000 Hawthorne Project Work Advertised By State

WASHINGTON, D. C., Jan. 10.—Bids for construction of 34 ordnance buildings, railroad tracks, roads and services at the Hawthorne, Nevada, naval ammunition depot will be opened here February 8, Navy Department officials announced today.

The work will cost in the neighborhood of \$470,000, according to Navy Department estimates.

Bids will be opened here by the Bureau of Yards & Docks. The work is covered in Specification No. 8966, which, with plans, may be obtained from the bureau upon deposit of \$50.00.

The buildings will be one-story structures. Work will include concrete; earthwork; steel and iron; brick and hollow tile; glass-block masonry; roofing, sheet metal work, corrugated asbestos and membrane waterproofing; metal doors, metal windows; plastering; woodwork; glazing; electrical work lightning protection; painting; cranes and hoists; and sewerage, plumbing and water systems.

Navy Department officials announced last week that bids would be taken for the work, but no opening date was set at that time.

Western PWA Jobs Employing 12,931

The new Federal Public Works Administration program, now under way 100 per cent in this Far Western region, has been responsible for the re-employment of 45,259 men in the last two months, according to Kenneth A. Godwin, PWA Regional Director.

All of the 423 new PWA projects of the 1938 program, approved by Public Works Administrator Harold L. Ickes, were put under actual construction before the deadline date of January 1st, and there are 12,931 men at work on these project sites. Another 32,328 workers have been given jobs producing the necessary materials for and transporting them to the sites of this vast construction, which will cost a total of \$64,123,549.

More than half of these new jobs have been created in California alone, according to Director Godwin. The others are divided between Arizona, Utah and Nevada, the other states comprising this PWA region.

Shipments of oil burners totaled 11,518 units during Nov., 1938, as compared to 10,546 units shipped during Nov., 1937, according to the Bureau of Census.

FHA REPORTS HOUSING GAIN FOR OAKLAND

Home Mortgages Increase 336 Percent Over Previous Year

An increase of 336 percent in the number of new home mortgages accepted for insurance by the FHA in Oakland during the year of 1938 over the previous year is reported by the Northern California district office of the Federal Housing Administration.

During the year of 1937, only 253 new home mortgages were accepted for insurance in Oakland against 935 building permits, or 27 per cent. In 1938, the Federal Housing Administration accepted for insurance 850 new home mortgages against 1077 building permits issued by this city, or approximately 80 per cent, according to D. C. McGinness, district director of the FHA.

New Homes

The value of new home mortgages accepted for insurance by the FHA in 1937 was only \$1,327,700 compared to \$4,248,400 in 1938. The entire value of building permits issued by the city of Oakland during 1938 totaled \$4,853,999. Mortgages accepted for insurance by the FHA during the same year qualified within \$605,599 of the total value of Oakland building permits for FHA insured loans.

Mr. McGinness also revealed that 1444 existing homes in Oakland were accepted for mortgage insurance by the Northern California district office during 1938 and that the value of these mortgages amounted to \$5,958,320. Total home units, both new and old, up to and including four-family dwellings, totaled 2294 with a value of \$10,206,700.

69 Institutions

Mr. McGinness points out again that the Federal Housing Administration lends no money. It insures loans made by private financial institutions operating under the provisions of the National Housing Act. He reports that there are now 69 private lending institutions in Northern California qualified to accept applications for an FHA-insured mortgage. These include commercial and savings banks, building and savings banks, building and loan associations, insurance companies and mortgage companies.

Production of malleable iron castings during November, 1938, amounted to 35,351 short tons, as compared to production of 32,457 short tons during the same month in 1937, the Bureau of Census announces.

UNION PAVING AWARDED MAIN LAYING WORK

Following the opening bids yesterday, the Union Paving Company, 212 Babcock building, San Francisco, at \$20,368 was awarded the contract by the Hillsborough Town Council for laying four-six-eight- and ten-inch cast iron water mains.

The second lowest bid was submitted by A. W. Clark, Jr., and Company, at \$21,295.35, followed by W. J. Tobin, at \$23,426.

Total Bids

Complete total bids follow:

Union Paving Company..	\$20,368
A. W. Clark.....	21,295
W. J. Tobin.....	23,426
Underground Const. Co.....	24,768
Pacific States Const. Co.....	25,570
The Lowrie Paving Co.....	25,776
H. E. Connor.....	25,861
Charles L. Harney.....	26,392
West Construction Co.....	27,312
Williams & Van Valkenburgh.....	29,960

28,000 Feet

Principal items included: excavation of 28,000 lineal feet of cast iron pipe of various diameters; 300 cubic yards of additional excavation and backfill; installing 28,000 lineal feet of cast iron pipe; installing 32,000 pounds of fittings, gate valves and appurtenances; 3,000 lineal feet making bell and spigot joints; installing 23 hydrants; replacing 8600 square feet of six-inch asphaltic concrete; replacing 2700 square feet of six-inch water bound macadam, oil and screenings; and installing 200 screw caps.

LUMBER INDUSTRY REPORTS INCREASES

A considerable increase in employment and large increases in wages and value of products were reported by establishments in the lumber and timber products industry for 1937 as compared with 1935, according to preliminary figures compiled under the direction of Director William L. Austin of the Bureau of Census.

The number of wage earners employed in this industry increased 26.9 per cent, from 255,230 in 1935 to 323,928 in 1937, while the wages paid increased 50.2 per cent from \$183,074,245 for 1935, to \$275,033,684 for 1937. The value of products increased 53.8 per cent, from \$551,614,009 for 1935, to \$848,481,316 for 1937.

The total lumber cut reported for 1937 amounted to 25,996,857 M. feet, a gain of 6.7 per cent over 24,354,884 M. feet for the preceding year, and a gain of 33.1 per cent over the 19,535,781 M. feet for 1935.

NEW STANDARDS FOR PLASTER ISSUED BY ASA

Specifications for Gypsum Plastering and Lathing Released

The American Standards Association has recently approved the first of a series of standard specifications for plastering of general interest to the building and construction trades, and to other groups concerned with the manufacture or use of building materials.

This, "American Standard Specifications for Gypsum Plastering Including Requirements for Lathing (A42.1-1938)", has been developed by a committee of 19 national organizations and represents the best current usage. It includes both general and special requirements for gypsum plastering. It also covers requirements for sand, and for proper drying of plaster; specifications for lathing; and a special section on plastering monolithic surfaces. The materials that go into gypsum plaster are covered by reference to the specifications of the American Society for Testing Materials. Specific instructions for mixing and preparing various types of gypsum plaster are included, as well as instructions for finishes, and for applying different thicknesses of plaster on different types of bases.

The section on lathing covers specific requirements for lathing, exact measurements for various types of lath, minimum weight per square yard in pounds, and requirements for applying.

The standard is now being printed, and copies will be available in a few weeks at a probable cost of 25c per copy.

Work on plastering specifications was started under the auspices of the ASA in 1929. The committee in charge of this work is under the administrative leadership of the American Institute of Architects and the American Society for Testing Materials.

In addition to the standard for gypsum plastering, specifications for cement, both interior and exterior, are now in draft form, and specifications for lime plastering and for masonry cement stucco are to be developed. The committee's next job, specifications for Portland cement stucco and plaster, is well under way and will probably be approved by American Standards Association before the end of the year.

Shipments of electrical industrial trucks and tractors during the first 11 months of 1938 amounted to 767 units, as compared to shipments of 1,683 units during the same period in 1937, the Bureau of Census reports.

HOME BUILDING LEADING OTHER TYPES IN S. F.

**1938 Residential Volume
Largest; Public Works
Jobs Second**

Two thousand and fifty-two permits for construction of one-family dwellings estimated to cost \$8,297,168 were issued in San Francisco during the twelve months of 1938, Chief Clerk E. J. Rosenblum of the Central Permit Bureau announced Saturday.

Construction of one-family dwellings led all types of construction during the year with public works and utilities work ranking in second place.

Sixty permits for public works and utilities were issued for a total of \$4,055,992.

Flat Construction

In residential work, construction of two-family dwellings passed the million dollar mark with 185 permits issued for construction of flats costing \$1,411,820, in the aggregate. Only seven one- or two-family dwellings with stores beneath were built during the year. The aggregate cost of these structures was \$35,550.

Frame apartment houses led the multi-family dwelling division with twenty-two permits issued for a total of \$846,700.

Only one Class C apartment house was listed, costing \$200,000, and housing forty-one families.

Twenty-three permits were issued for work on public and private schools costing \$1,914,983.

Alteration Jobs

Other classifications in the million dollar division included: 1,220 permits for non-residential building alterations, \$1,872,594; 2,626 permits for housekeeping dwelling alterations, \$1,347,293; and five permits for City and State public buildings, \$1,167,389.

In all, 8,061 permits were issued during the year for construction costing \$23,232,331, a heavy gain over the 1937 record of 7,807 permits for a total of \$20,245,440.

Construction of stores, warehouses and other mercantile buildings just failed to reach the million dollar mark with 75 permits issued for construction estimated to cost \$985,709.

Three Church Permits

Other totals were: amusement, club and association buildings with bedrooms, five permits totaling \$174,500; churches, three permits totaling \$72,000; factories, four permits totaling \$42,500; public garages, three permits totaling \$63,000; private garages, 57 permits totaling \$21,958; gas and service stations, 33 permits totaling \$128,590; institutions and hospitals one permit for \$40,000; office buildings, seven permits totaling \$106,000; sheds, 20 permits totaling

Ostendorf to Take Office as Realty Association Head

Proposed central objectives for real estate nationally for the year 1939 will be sketched by E. L. Ostendorf, Cleveland, Ohio, president-elect of the National Association of Real Estate Boards, in making his inaugural address to the Association, to be delivered at Dallas, Texas, Friday evening, January 27.

Joseph W. Catharine, Brooklyn, N. Y., as president of the Association, will formally induct his successor into office at a banquet to be held as the high point of the South Central Regional conference of the Association.

The conference, January 27-28, which will have headquarters at the Adolphus hotel, Dallas, will be preceded by the initial 1939 meeting of the Association's board of directors, to be held at the Baker hotel, and by executive committee meetings of its Land Developers and Home Builders Division, Brokers Division, Farm Lands Institute, and Secretaries Council, all to be held January 26 at the Baker hotel.

Officers of the Association to serve with Mr. Ostendorf, and officers of its Institutes, Divisions and Councils, will take office formally at a dinner to be held at the Baker hotel January 26.

The eight South Central states whose Realtors will meet with national leaders in every field of real estate activity in the two-day conference on current business methods at Dallas are: Missouri, Kansas, Texas, Louisiana, Oklahoma, Colorado, Arkansas, and New Mexico.

OXY-ACETYLENE TIPS FOR JANUARY READY

The January issue of Oxy-Acetylene Tips, published by The Linde Air Products Company, 30 East Forty-second street, New York City, is off the press and ready for distribution, it is announced. Copies may be obtained without charge upon application to the company at the above address.

The January issue of Oxy-Acetylene Tips features a brief review of the year's outstanding developments in the oxy-acetylene process. Included in the discussion are new cutting machines and cutting techniques, new multi-flame tips and welding rod, and new developments in flame-hardening, flame-softening, heating, steel conditioning, hard-facing, and alloy steel welding, it is announced.

\$26,300; alterations to non-housekeeping dwellings, 88 permits totaling \$145,545; and sign and billboard installations, 1,564 permits totaling \$276,740.

In all, quarters for 2,724 families were provided by new dwelling construction during 1938, it was announced.

STATE INVITES PROPOSALS ON WATER SYSTEM

**Eldridge Pipe Contract Out
For Bids; Two Contracts
Awarded**

SACRAMENTO, January 10.—Director Frank W. Clark of the State Department of Public Works today authorized calling for bids for installation of additions and improvements to the water distribution system at Sonoma State Home, Eldridge.

Bids on the job will be opened in Sacramento January 31, the State Architect announces.

Pipe Job

The additions and improvements to the water distribution system include the installation of approximately 17,500 lineal feet of water piping, varying in size from three-quarter to eight inches in diameter, together with valves and miscellaneous fittings.

Also included under the contract will be the installation of a new deep-well turbine pump in an existing well, and the overhauling of an existing pump.

Plans and specifications may be obtained from the office of the State Architect in Sacramento upon deposit of \$25.00.

Coincident with the issuance of a call for bids, Mr. Clark announced that two contracts for bridge and highway work had been awarded.

Riverside County

The largest contract—involving 4.8 miles of grading and paving with plant-mixed surfacing and Portland cement concrete between Corona and the Orange county line in Riverside county—was awarded to V. R. Dennis Construction Company, San Diego, at the bid price of \$172,463.95.

Principal items include: 340,200 cubic yards of unclassified excavation; 5,100 cubic yards of structural excavation; 1,850 cubic yards removing bituminous surfacing; 89,600 tons of surfacing material; 486 cubic yards of Class A Portland cement concrete structures; 48,000 pounds of bar reinforcing steel; 325 cubic yards of Class B Portland cement concrete pavement; and 52,000 square yards of preparing, mixing and shaping roadbed.

Merced County

The second contract was awarded to A. A. Tieslau, Berkeley, at \$14,134.50.

The work involves redecking and widening a bridge across Fresno river about 17.4 miles east of Los Banos in Merced county.

Shipments of hand fire extinguishers during November, 1938, amounted to 28,508 units, as compared to 31,219 units shipped during November, 1937, the Bureau of Census announces.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1	Hindes	Cahill	2500
2	Jacobelli	Corbell	3150
3	Jost	Corbell	5500
4	Lasky	Perkins	3500
5	Mehdy	Owner	1500
6-8	Meyer	Owner	4000
9	Moriconi	Owner	8000
10	Morris	Owner	4000
11	Norton	Owner	3500
12	Perengi	G. G. Constr.	1500
13	Roberts	Hogrefe	1500
14	Steller	Wagner	2500
15	Barber	Owner	3000
16	Bessaglieri	Sartorio	1500
17	Doelger	Owner	3000
18-28	Doelger	Owner	4000
29	Gatzert	Stendell	4500
30	Nola	Owner	1700
31	Rose	Augustein	3800
32	Schoenfeldt	Bay Shore	2000
33	Welnstein	Owner	3000
34	Werth	Fieher	1000
35	Bullock	Parker	1500
36	Gonzales	Owner	1000
37	Logan	Harder	3500
38	Moncrieff	Harder	3500
39	P G & E Co	Owner	3000
40	Uhlig	Owner	3500
41	Wah	Owner	1000
42	Cohn	Gettings	2800
43	Kittelman	Calif. Home	1000
44-45	Meyer	Owner	4000
46	Rasmussen	Owner	4000
47	Standard	Owner	6000
48	Whitney	Owner	1000
49	Wynott	Owner	2200
64	Doelger	Owner	4000
65	Grove	Owner	3000
66	Ham	Owner	4000
67	Hughes	Williams	12000
68	Lung	Owner	4500
69	Owens	Wagner	4000
70	Rathbard	Owner	1700
71	Standard	Owner	3500

50	Benaderet	Mullen	2000
51	Burke	Owner	2500
52	Cowell	Wilhelm	4000
53-4	Hansen	Owner	4000
55	McCreery	Wilhelm	1000
56	Muller	Owner	4600
57	Schwartz	Owner	3000
58-62	Stoneson	Owner	4000
63	Struthers	Owner	3000

ALTERATIONS

(1) 663 SUTTER STREET. Alter garage.
 Owner—S. G. Hindes, 503 Market St.
 Contractor—Cahill Bros., 206 Sansome St
 Engineer—Wm. Adrian, 417 Market Street.
 Architect—Not given. \$25,000

DWELLING

(2) N. MT. VERNON AVE. 27 W. Tara. One-story and basement frame dwelling.
 Owner—L. Jacobelli, 620 Mt. Vernon.
 Architect—Not given. \$3150

FLATS

(3) N. GOLDEN GATE AVE. 150 E. Central Ave. Two-story and basement frame flats.
 Owner—F. Jost, 1942 Page St.
 Contractor—Corbell Realty Co., 1395 Hayes St.
 Architect—Not given. \$5500

DWELLING

(4) W. 40TH AVE 100 S. Kirkham. One-story and basement frame dwelling.
 Owner—L. C. Lasky, 6935 California Street.

Contractor—E. W. Perkins and Son, 1370 35th Avenue.
 Architect—C. O. Clausen, 746 46th Avenue. \$3500

ALTERATIONS

(5) 220 ASHBURY. Alter flats.
 Owner—A. Mehdy, 1901 Hayes St.
 Architect—Not given. \$1500

DWELLINGS (3)

(6) E. TERESITA BLVD. 123, 150, 176 N. Melrose. Three (3) 1-story and basement frame dwellings.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not given. \$4000 ea.

DWELLINGS (4)

(7) N.E. TERESITA BLVD. 218, 243, 268, 293 S.E. Reposa Way. Four (4) 1-story and basement frame dwellings.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not given. \$4000 ea.

DWELLINGS (2)

(8) E. ENCLINE COURT 126, 163 E. Del Vale Ave. Two (2) 1-story and basement frame dwellings.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—No tgiven. \$4000 ea.

FLATS

(9) N.W. UNION and Baker Sts. Two-story and basement frame flats.
 Owner—Guido Moriconi, 1670 Chestnut Street.
 Architect—N. F. Gunnison, 251 Kearny Street. \$9000

DWELLING

(10) W. 17th AVE. 75 S. Lawton St. One-story and basement frame dwelling.
 Owner—C. W. Morris, 95 Pinehurst Way.
 Architect—Donnell E. Jaekle, 126 Post Street. \$4000

DWELLING

(11) S. CRESCENT AVE. 339 W. Roscoe. One-story and basement frame dwelling.
 Owner—Murray Norton, 875 Head St.
 Architect—Not given. \$3500

ALTERATIONS

(12) 626 REDWOOD STREET. Alter flats.
 Owner—L. Perengi, premises.
 Contractor—Golden Gate Constr. Co., 244 Kearny St.
 Architect—Not given. \$1500

ALTERATIONS

(13) 2849 CALIFORNIA STREET. Alter market and apts.
 Owner—W. F. Roberts and Sons, premises.
 Contractor—Herman C. Hogrefe, 3439 Fillmore St.
 Architect—Conrad T. Kett, Clunle Building. \$1500

ALTERATIONS

(14) 183 SAN BENITO WAY. Alter dwelling.
 Owner—L. P. Steller, premises.
 Contractor—Geo. Wagner, 181 South Park.
 Architect—Not given. \$2500

ALTERATIONS

(15) N. VALLEY 126 E. Sanchez. Alter apts.
 Owner—H. Barber, 225 College Ave.
 Architect—Not given. \$3000

ALTERATIONS

(16) 3249 PIERCE ST. Alter stores.
 Owner—Bessaglieri, premises.
 Contractor—Peter Sartorio, 369 Pine Street.
 Architect—F. W. Dakin, 625 Market Street. \$1500

DWELLINGS (4)

(17) W. 47th AVE. 175, 200, 225, 250 S. Irving St. Four (4) 1-story and basement frame dwellings.
 Owner—Henry Doelger Bulder, Inc., 320 Judah St.
 Architect—Not given. \$3000 ea.

DWELLINGS (4)

(18) E. SEQUOIA WAY 190, 215, 240, 265 S. Teresita. Four (4) 1-story and basement frame dwellings.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not given. \$4000 ea.

DWELLINGS

(19) E SEQUOIA 290, 315, 340 South Teresita. Three (3) 1-story and basement frame dwellings.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not given. \$4000 ea.

DWELLINGS (9)

(20) W. 27th AVE. 75, 100, 125, 150, 175, 200, 250, 275 S. Moraga. Nine (9) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Bullder, Inc., 320 Judah Street.
 Architect—Not given. \$4000 ea.

DWELLINGS (11)

(21) E. 27th AVE. 49, 74, 98, 123, 148, 172, 197, 222, 247, 271, 296 S. Noriega St. Eleven (11) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Bullder, Inc., 320 Judah Street.
 Architect—Not given. \$4000 ea.

DWELLINGS (2)

(22) W. 27th AVE. 300, 325 S. Moraga. Two (2) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Bullder, Inc., 320 Judah Street.
 Architect—Not given. \$4000 ea.

DWELLINGS (3)

(23) E. 27th AVE. 321, 345, 370 S. Noriega. Three (3) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Bullder, Inc., 320 Judah Street.
 Architect—Not given. \$4000 ea.

DWELLINGS (7)

(24) E. 27th AVE. 395, 420, 444, 469, 494, 519, 543 S. Noriega. Seven (7) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Bullder, Inc., 320 Judah Street.
 Architect—Not given. \$4000 ea.

DWELLINGS (6)

(25) NW TERESITA 773, 798, 823, 848, 873, 898 E. Verna. Six one-story and basement frame dwellings.
 Owner—Meyer Bros., 735 Portola Dr.
 Architect—Not given. \$4000 ea.

DWELLINGS (8)

(26) E. 28th AVE. 98, 123, 148, 172, 197, 222, 247, 271 S. Moraga. Eight (8) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Bullder, Inc., 320 Judah Street.
 Architect—Not given. \$4000 ea.

- DWELLING**
(27) NE 27th AVE and Ortega. One-story and basement frame dwellings.
Owner—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not given. \$4000
- DWELLINGS (2)**
(28) W. 15th AVE. 430, 463 N. Ortega. Two (2) 1-story and basement frame dwellings.
Owner—Henry Doelger, Builder, Inc., 320 Judah Street.
Architect—Not given. \$4000 ea.
- DWELLING**
(29) SE VISITACION AVENUE and Schwerin. One-story and basement frame dwelling.
Owner—H. W. Gatzert, c/o cont.
Contractor—Elvin C. Stendell, 1125 Holloway Ave.
Architect—Not given. \$4500
- DWELLING**
(30) SE SOMERSET and Campbell. One-story and basement frame dwelling.
Owner—Anna R. Notal, 348 Sanchez.
Architect—Not Given. \$1700
- DWELLING**
(31) N. KIRKHAM 82 E. 25th Ave. One-story and basement frame dwelling.
Owner—J. Rose, c/o cont.
Contractor—A. E. Augustein, 216 Grand View.
Architect—W. E. Huson, 475 24th Ave. \$3800
- ALTERATIONS**
(32) 127 ELLIS STREET. Alter hotel.
Owner—J. Schoenfelt Co., 760 Market Street.
Contractor—Bay Shore Realty Co., 1182 Market St.
Architect—D. D. Stone, 381 Bush Street. \$2000
- ALTERATIONS**
(33) 535-40 STEVENSON STREET. Alter warehouse.
Owner—L. Weinstein Investment Co., 1041 Market St.
Contractor—Not selected.
Engineer—Hyman Rosenthal, 76 6th Avenue.
Architect—Hyman & Appleton, 68 Post St. \$3000
- ALTERATIONS**
(34) 457 21st AVE. Alter store.
Owner—Mrs. Werth, premises.
Contractor—F. C. Fisher, 583 29th Avenue.
Architect—Not given. \$1000
- ALTERATIONS**
(35) 340 POST ST. Alter store.
Owner—Bullock & Jones, premises.
Contractor—K. E. Parker Co., 135 So. Park.
Architect—D. D. Stone, 381 Bush St. \$1500
- ALTERATIONS**
(36) S QUINTARA 75 W 19th Ave. Alter greenhouse.
Owner—F. Gonzales & Co., 700 Crescent Avenue.
Architect—Not Given. \$1,000
- DWELLING**
(37) S GARFIELD 50 E Victoria. One - story and basement frame dwelling.
Owner—Ben Logan, 240 Van Ness Ave. South.
Contractor—Gerritt Harder Co., 240 Van Ness Ave. South.
Architect—Not Given. \$3,500
- DWELLING**
(38) W VERNON 175 N Shields. One - story and basement frame dwelling.
Owner—Moncrieff & Willard, 240 Van Ness Ave. South.
Contractor—Gerritt Harder Co., 240 Van Ness Ave. South.
Architect—Not Given. \$3,500
- ALTERATIONS**
(39) S COMMERCIAL 60 E Montgomery St. Alter garage.
Owner—Pacific Gas & Electric Co., 245 Market St.
Contractor—Not Selected.
Architect—Not Given. \$3,000
- DWELLING**
(40) E 45th AVE. 275 W Santiago. One - story and basement frame dwelling.
Owner and Builder—Alfred F. Uhlig, 247 Ney Street.
Architect—Not Given. \$3,500
- ALTERATIONS**
(41) 855 WASHINGTON ST. Alter store.
Owner and Contractor—Keen Wah Co., 9 Old Chinatown.
Architect—Not Given. \$1,000
- ALTERATIONS**
(42) NW 19th AVE and Rivera. Alter service Station.
Owner—S. A. Cohn, c/o Texas Co.
Contractor—H. T. Gettins, 2315 Bayshore Blvd.
Architect—Not given. \$2800
- ALTERATIONS**
(43) 1325 PINE STREET. Alter apt. house.
Owner—E. Kittelman, 1325 Pine St.
Contractor—Calif. Home Imp. Co., 393 Ninth Street.
Architect—Not given. \$1000
- DWELLING**
(44) NE TERESITA BLVD. 445 E. Reposa Way. One-story and basement frame dwelling.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000
- DWELLINGS (5)**
(45) NE TERESITA BLVD. 318, 344, 369, 395, 420 E. Reposa Way. Five (5) 1-story and basement frame dwellings.
Owner—Meyer Bros., 735 Portola Dr.
Architect—Not given. \$4000 ea.
- APARTMENTS**
(46) S. PACIFIC AVE. 156 E. Gough St. Three-story and basement frame apts.
Owner—Viggo Rasmussen, 1990 Beach Street.
Suh-contracts.
Engineer—Jas M. Smith, 251 Kearny Street.
Architect—H. C. Bauman, 251 Kearny St \$40,000
- SERVICE STATION**
(47) SE OCEAN AVE and Jules Ave. Service Station.
Owner—Standard Oil Co., 225 Bush Street.
Architect—Not given. \$6000
- ALTERATIONS**
(48) 1068 POINT LOBOS. Alter observatory.
Owner—Whitney Bros., 4900 Cabrillo.
Architect—Not given. \$1000
- DWELLING**
(49) S. INNFS 200 E. Griffith. One-story and basement frame dwelling.
Owner—F. C. Wynott, 76 3rd St.
Architect—Not given. \$2200
- ALTERATIONS**
(50) 564 MARKET ST. Alter shop.
Owner—S. Benaderet, 617 Howard Street.
Contractor—Mullen Mfg. Co., 60 Rausch St.
Architect—Not given. \$2000
- ALTERATIONS**
(51) 848 ASHBURY ST. Alter apt. house.
Owner—Alpha B. Burke, 820 Ashbury.
Architect—Not given. \$2500
- ALTERATIONS**
(52) NE SUTTER AND GRANT Ave. Alter store.
Owner—Henry Cowell Lime and Cement Co., 2 Market St.
Contractor—A. H. Wilhelm, 666 Mission St.
Architect—Martin A. Sheldon, Monadnock Bldg. \$4000
- DWELLING**
(53) S. SHAWNEE 250 W. Delano. One-story and basement frame dwelling.
Owner—Hansen and Hansen, 2401 San Jose Ave.
Architect—C. J. Klein, Mill Valley. \$4000
- DWELLING**
(54) S. SHAWNEE 225 W. Delano. One-story and basement frame dwelling.
Owner—Hansen and Hansen, 2401 San Jose Ave.
Architect—C. J. Klein, Mill Valley. \$4000
- ALTERATIONS**
(55) 2790 GREEN ST. Alter apts.
Owner—McCreery Estate, Adam Grant Bldg.
Contractor—A. H. Wilhelm, 666 Mission St.
Architect—Not given. \$1000
- ALTERATIONS**
(56) 235 MONTGOMERY STREET. Alter offices.
Owner—A. G. J. Muller, premises.
Architect—Not given. \$4600
- DWELLING**
(57) E. 47th AVE. 450 N. Rivera. One-story and basement frame dwelling.
Owner—S. A. Schwartz, 305 Grant Avenue.
Architect—Not given. \$3000
- DWELLING**
(58) N. EUCALYPTUS DRIVE 237 E. 19th Ave. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 1 Sloat Blvd. \$4000
- DWELLING**
(59) N. EUCALYPTUS DRIVE 297 E. 19th Ave. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 1 Sloat Blvd. \$4000
- DWELLING**
(60) N. EUCALYPTUS DRIVE 207 E. 19th Ave. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 1 Sloat Blvd. \$4000
- DWELLING**
(61) N. EUCALYPTUS DRIVE 267 E. 19th Ave. Two-story and basement frame dwelling.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Harold G. Stoner, 1 Sloat Blvd. \$4000
- DWELLING**
(62) N. EUCALYPTUS DRIVE 136 E. 19th Ave. Two-story and basement frame dwelling.

Owner—Stoneson Bros., 1 Sloat Blvd.
 Architect—Harold G. Stoner, 1 Sloat Blvd. \$4000

DWELLING
 (63) SE SILVER AVE. 46 NE Scotia.
 One-story and basement frame dwelling.
 Owner—Marshall T. Struthers, 4250 Mission St.
 Architect—Not given. \$3000

DWELLINGS (4)
 (64) E. 28th AVE. 93, 118, 193, 218 S. Noriega. Four (4) 1-story and basement frame dwellings.
 Owner—Henry Doelger, Builder, Inc., 320 Judah St.
 Architect—Not given. \$4000 ea.

DWELLING
 (65) W. 40th AVE. 225 S. Kirkham.
 One-story and basement frame dwelling.
 Owner—W. C. Grove, 156 Moneta Way.
 Architect—Not given. \$3000

DWELLINGS (3)
 (86) N. PARAMOUNT TERRACE 137, 163, 189 W. Stanyan. Three (3) 1-story and basement frame dwellings.
 Owner—L. B. Ham, 105 Montgomery Street.
 Architect—Not given. \$4000 ea.

STORES
 (87) N. OCEAN AVE. 88 W. Wood-acre Drive. One-story frame stores.
 Owner—M. T. Hughes, 580 Market Street.
 Contractor—G. W. Williams Co., 10 Calif. Drive, Burlingame.
 Architect—Angus McSweeney, 604 Mission St. \$12,000

ALTERATIONS
 (88) 1019-27 STOCKTON STREET.
 Alter apts.
 Owner—Tom Lung and Tom Suey, premises.
 Contractor—Not selected.
 Architect—Not given. \$4500

ALTERATIONS
 (89) 749 FRONT STREET. Alter warehouse.
 Owner—Owens and Unger, Alexander Bldg.
 Contractor—Geo. Wagner, 181 So. Park.
 Architect—Not given. \$4000

ALTERATIONS
 (70) 2512 WASHINGTON STREET.
 Alter apt. house.
 Owner—B. Rathbard, premises.
 Architect—Not given. \$1700

DWELLINGS (12)
 (71) E. 26th AVE. 26, 51, 76, 101, 126, 151, 176, 201, 226, 251, 276, 301 S. Vicente Street.
 Owner—Standard Bldg. Co., 1500 Judah Street.
 Architect—Not given. \$3500 ea.
 January 6, 1939

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1	Griswold	Higgins	1100
2	Parsons	Owner	3500
3	Rodriguez	Anderson	2700
4	Tolsen	Ringens	4000
5	Connolly	Kavser	3100
6	Lillie	O'Brien	5400
7	Vaylis	Ham	4800
8	Arnsten	Scherman	3500
9	Bohlen	Owner	1799
10	Clark	Owner	4500
11	Ewer	Schneck	2000
12	Fialho	Owner	2800
13	Johnson	Swanstrom	6200

14	Oakland	Owner	250000
15	Roberts	Owner	1000
16	Royce	Fond	3009
17	Wisheropp	Wisheropp	7000
18	Roebke	Jonaston	8500
19	Brown	Owner	3500
20	Hayden	Gaubert	6250
21	Martinson	Frederickson	4500
22	Murphy	Owner	3000
23	Mutual	Kulehar	7000
24	Brasch	Brasch	4000
25	Kress	Groom	3500
26	Scanlon	Flagg	3000
27	Shell	Stolte	4350
28	Tisher	Owner	3500
29	Wiggins	Owner	4500
30	Glessner	Roberts	5750
31	Williams	Calif. Him.	1000
32	Belgrano	Moore	30000
33	Fraser	Owner	5500
34	Kroll	Kroll	13500
35	Rutledge	Watson	5100
36	Sheehey	Waldman	4000

ADDITION
 (1) 5336 LOCKSLEY AVE., OAKLAND. Addition.
 Owner—L. H. Griswold.
 Contractor—Thos. F. Higgins, 6920 Balsam Way.
 Architect—Not given. \$1100

DWELLING
 (2) 1387 EAST 38th ST., OAKLAND.
 One-story, 5-room dwelling.
 Owner and Builder—Geo. P. Parsons, 4333 Townsend St.
 Architect—Not given. \$3500

DWELLING
 (3) 2715 E. 16th STREET, OAKLAND. One-story, 4-rm. dwelling.
 Owner—Mrs. Rodrigues, Oakland.
 Contractor—Charles Anderson, 3917 Park Blvd.
 Architect—Not given. \$2700

DWELLING
 (4) 2109 101st AVE., OAKLAND. One-story, 6-room dwelling.
 Owner—Carl M. & Julia M. Tolsen, 6665 William St., Castro Valley.
 Contractor—Chas. Ringens, 4712 E. 14th St.
 One-story garage, \$300.
 Architect—Not given. \$4000

DWELLING
 (5) 3008 DEAKIN, BERKELEY. One-story 4-room frame dwelling and garage.
 Owner—P. J. Connolly, 3009 Deakin.
 Contractor—E. F. Kayser, R. F. D. 1041, Richmond.
 Architect—Not Given. \$3,100

DWELLING
 (6) 1870 SAN RAMON, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—H. P. Lillie, 2474 Virginia.
 Contractor—Geo. L. O'Brien, Jr., 640 Bancroft Ave., San Leandro.
 Architect—Not Given. \$5,400

DWELLING
 (7) 1370 ADA, BERKELEY. One-story 6-room frame dwelling and garage.
 Owner—M. E. Vaylis, 1385 Gilman.
 Contractor—S. D. Ham, 2363 San Pablo Avenue.
 Architect—Wm. Burgett, 594 63rd St., Oakland. \$4,800

DWELLING
 (8) 3709 COLUMBIAN DR., OAKLAND. One-story 5-rm. dwelling.
 Owner—A. E. Arnsten.
 Contractor—Sol Scherman, 2789 Foothill Blvd.
 Architect—Not Given. \$3,500

REPAIRS
 (9) 4401 CAMDEN ST., OAKLAND. Repairs.

Owner—Edward E. Bohlen, 3408 68th Avenue.
 Architect—Not Given. \$1,790

DWELLING
 (10) 3381 KIWANIS ST., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—John N. Clark, 3374 Kiwanis St.
 Architect—Not Given. \$4,500

ALTERATIONS
 (11) 419 30th ST., OAKLAND. Alterations.
 Owner—Dr. Edward Ewer, Oakland.
 Contractor—A. W. Schneck, 3127 Herriott Avenue.
 Architect—Reynolds & Chamberlain, 361 17th Street. \$2,000

DWELLING
 (12) 1176 8th AVE., OAKLAND. One-story 5-room dwelling.
 Owner and Builder—Tony Fialho, 583 Davis St., San Leandro.
 Architect—Not Given. \$2,800
 Also 1-story garage, \$150.

DWELLING
 (13) 5571 MAXWELTON RD., OAKLAND. One-story 6-rm. dwelling.
 Owner—W. R. Johnson, Oakland.
 Contractor—George Swanstrom, 1615 75th Avenue.
 Architect—Not Given. \$6,200
 Also garage, \$300.

AMPHITHEATER
 (14) SEQUOIA PARK, OAKLAND. One-story concrete amphitheater.
 Owner and Contractor—Park Dept., City of Oakland, City Hall.
 Architect—Not Given. \$250,000

REPAIRS
 (15) 706 FRANKLIN ST., OAKLAND. Repairs.
 Owner—Lena Roberts, 1675 5th St.
 Architect—Not Given. \$1,000

DWELLING
 (16) 10030 SUNNYSIDE ST., OAKLAND. One-story 4-rm. dwelling.
 Owner—Howard L. Royce.
 Contractor—C. P. Pond, 1056 Ardmore Avenue.
 Architect—Not Given. \$3,000

DWELLING
 (17) 4151 WILSHIRE BLVD., OAKLAND. One-story 6-room dwelling.
 Owner—W. H. Wisheropp, 5322 College Ave.
 Contractor—W. H. Wisheropp Co., 5322 College Ave.
 Architect—Irwin M. Johnson, 2219 7th Ave. \$7,300

DWELLING
 (18) 1800 TRESTLE GLEN ROAD, PIEDMONT. One-story 5-room dwelling and garage.
 Owner—Mrs. F. G. Roebke, 1665 Clay St., San Francisco.
 Contractor—Jay R. Johnston, 15022 Broadway Terrace.
 Architect—Not Given. \$8,500

DWELLING
 (19) 3007 MODESTO ST., OAKLAND. One-story, 5-rm. dwelling.
 Owner—L. R. Brown, Walnut Creek, Calif.
 Garage, \$200.
 Architect—Not given. \$3500

DWELLING
 (20) 4001 OAKMORE ROAD, OAKLAND. Two-story, 5-rm. dwelling.
 Owner—Douglas Hayden, 3455 Pierce St., San Francisco.
 Contractor—Gaubert Bros., 4735 Brookdale Ave.
 Architect—Not given. \$6250

DWELLING
 (21) 4033 LYMAN ROAD, OAKLAND. One-story, 5-rm. dwelling
 Owner—Theo A. Martinson, 4365 Edgewood Ave.
 Contractor—Karl S. Fredrickson, 1871 Thiffin Road.
 Architect—Not given. \$4500

DWELLING
 (22) 1106 76th AVE, OAKLAND. One-story, 4-room dwelling.
 Owner and Builder—J. J. Murphy, 4001 Laguna Ave.
 One-story garage, \$150.
 Architect—Not given. \$3000

ALTERATIONS AND ADDITIONS
 (23) 3310 EAST 14th STREET, Oakland. Alter and addition.
 Owner—Mutual Clothiers, 3310 East 14th St.
 Contractor—S. Kulchar Co., 731 East 10th St.
 Architect—Not given. \$7000

DWELLING
 (24) 1617 ACTON, BERKELEY. One-story 5-room frame dwelling and garage.
 Owner—M. G. Brasch, 1600 Mt. Blvd., Oakland.
 Contractor—M. P. Brasch, 1600 Mt. Blvd., Oakland.
 Architect—Not Given. \$4,000

DWELLING
 (25) 4701 FLEMING AVE, OAKLAND. One-story 5-rm. dwelling.
 Owner—Herbert E. Kress, 3572 Harper Street.
 Contractor—Groom and Groom, 5405 Brookdale Avenue.
 Architect—Not Given. \$3,500

DWELLING
 (26) 3527 PIERSON STREET, OAKLAND. One-story 5-room dwelling.
 Owner—Thos. E. Scanlon.
 Contractor—A. J. Flagg, 3743 Loma Vista Avenue.
 Architect—Not Given. \$3,000

SERVICE STATION
 (27) 658 GRAND AVE, OAKLAND. Service station.
 Owner—Shell Oil Co., 315 Derby Ave.
 Contractor—F. C. Stolte, Oakland.
 Architect—Not Given. \$4,350

DWELLING
 (25) 8238 GOLF LINKS RD, OAKLAND. One-story 5-room dwelling.
 Owner and Builder—C. R. Tisher, 6127 Foothill Blvd.
 Architect—Not Given. \$3,500

DWELLING
 (29) 6064 THORNHILL DR, OAKLAND. One-story 5-room dwelling.
 Owner and Builder—J. S. Wiggins, 333 17th Street.
 Architect—Not Given. \$4,500

DWELLING
 (30) 1021 KEELER, BERKELEY. One-story, 6-room frame dwelling and garage.
 Owner—J. M. Glessner.
 Contractor—R. G. Roberts & Son, 6040 Valley View Dr., Oakland.
 Architect—Not given. \$5750

ALTERATIONS & ADDITIONS
 (31) 2900 HARPER, BERKELEY. Alterations and additions.
 Owner—C. Williams, 2900 Harper.
 Contractor—Calif. Home Imp. Co., 329 26th St., Oakland.
 Architect—Not given. \$1000

ADDITION
 (32) 711 E. 8th ST., OAKLAND. One-story brick addition to warehouse.
 Owner—Mrs. T. N. Belgrano, 711 E. 8th Street.
 Contractor—The John J. Moore Co., 354 Hobart St.
 Architect—R. H. Casley, 354 Hobart Street. \$30,600

DWELLING
 (33) 8245 GOLF LINKS ROAD, Oakland. One-story, 6-rm. dwelling.
 Owner—D. N. Fraser, 1711 D Street, Hayward.
 Architect—Not given. \$5500

APARTMENTS
 (34) 25, 27, 29, 31 EXCELSIOR CT., OAKLAND. Two-story, 20-room apartments.
 Owner—Ralph Kroll, 512 Glenview Avenue.
 Contractor—Harry Kroll, 512 Glenview Avenue.
 Architect—Not given. \$13,500

DWELLING
 (35) 6950 THORNHILL DRIVE, Oakland. One-story, 6-room dwelling.
 Owner—Hughie Rutledge, 839 58th Street.
 Contractor—Watson Brothers, 7029 Stockton Ave., El Cerrito, Calif.
 Architect—Not given. \$5100

DWELLING
 (36) 2661 98th AVE., OAKLAND. One-story, 6-room dwelling.
 Owner—M. J. Sheeley.
 Contractor—A. E. Waldman, 5409 Foothill Blvd.
 One-story garage, \$250.
 Architect—Not given. \$4000

**BUILDING CONTRACTS
 ALAMEDA COUNTY**

1 Smith	Armstrong	13424
2 Malik	Thrams	6500
430 Oreg. City	Schell	19343
3 Belgrano	Moore	30600

BUILDING
 (1) LOTS 1 AND 2, BLK G, Kelsey's Tract, Oakland. One-story concrete building.
 Owner—Money Back Smith Co., 12th and Washington.
 Architect—Earl L. MacDonald, 847 Kingston Ave.
 Contractor—J. R. Armstrong, 834 E. 10th Street.
 Filed Jan. 5, '39. Dated Dec. 21, '38. First day each month, labor and material 85%
 Balance usual 35 days.
 TOTAL, \$13,424.00
 Bond, \$13,424.00. Sureties, U. S. Guaranty Co. Limt March 1, 1939.

STORE BUILDING
 (2) PTN LOTS 1 AND 2, BLK A, Sather & Robnson Tract, Alameda. One-story brick store building.
 Owner—Benjamin Malik.
 Architect—Ray Keefer, 585 Mandana.
 Contractor—C. H. Thrams, 28 Home Place.
 Filed Jan. 5, '39. Dated Dec. 18, '38. Brick walls up to ceiling line \$1800.00
 Roof on \$1800.00
 Completion \$1800.00
 Usual 30 days \$1100.00
 TOTAL, \$6500.00
 Limit, 45 days. Plans and specifications filed.

ADDITION
 (3) SE LINE SEVENTH AVE. and 8th St., Oakland. One-story brick addition to warehouse.

Owner—Emilia A. Belgrano.
 Structural Engineer—R. H. Cooley, 354 Hobart Street.
 Contractor—The John J. Moore Co., 354 Hobart St.
 Filed, Jan. 6, '39. Dated, Jan. 4, '39. 1st and 15th of each mon. 75%
 Usual 35 days 25%
 TOTAL COST, \$30,600
 Limit, 60 days. Plans and specifications filed

**SAN FRANCISCO COUNTY
 PERMITS UNDER \$1000**

ALTER beauty parlor, \$175; 552 Geary St.; owner, El Cortez Hotel Corp., 550 Geary St.; contractor, Capital Co., 625 Market St.
GARAGE, frame, \$80; Rear 854 Shotwell St.; owner, James Landers, 2156 Shotwell St.
FLUE, \$15; 346 Lisbon St.; owner, A. Moskalenko, prem.; contractor, Carver Niles Co., 1001 Clement St.
ALTER flats, \$460; 320 Duncan St.; owner, Mrs. Stanton, premises; contractor, Chas. Greenberg, 3118 23rd St.
SIGN, electric, \$100; 1470 Broadway; owner, Karis Key Shon, prem.; contractor, Wonderlite Neon Pro. Corp., 170 Otis St.
ALTER dwelling, \$350; 1098 Carolina; owner, John Ermawoff, prem.
SIGN, electric, \$100; 1245 Market St.; owner, Sullivan Dance Studio, prem.; contractor, Neon Sign Service, 1707 Folsom St.
ALTER office, \$505; 332 Pine Street; owner, Associated Indemnity Co., prem.; contractor, Alfred P. Fisher, 111 Sutter St.
BILLBOARD, \$13; 77-81 Natoma St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER restaurant, \$150; 3325 24th St.; owner, Helen Collins, prem.;
ALTER dwelling, \$300; 115 San Felipe Ave.; owner, H. Taylor, prem.; contractor, Harry E. Drake, 666 Mission St.
ALTER apts., \$150; 1214 Geary St.; owner, Steinhardt, prem.
ALTER apts., \$275; 23 Palm Ave.; owner, E. H. Kruse, premises; contractor, G. G. Bray, 2784 Union St.
SIGN, electric, \$100; 200 Eddy St.; owner, Carters Pharmacy, prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER dwelling, \$150; 4706 25th St.; owner, Otto Wagner, prem.; contractor, Pearson and Johnson, 2031 Bryant St.
GARAGE, frame, \$585; 2347 Sacramento St.; owner, Margaret Douglas, 2347 Vallejo St.; contractor, Sidney Barlow, 3730 Sacramento St.
ALTER flats, \$500; 154 Carmel St.; owner, Fred Fawke, 160 Carmel St.; contractor, L. M. Coggins, 1128 Oak St.
ALTER dwelling, \$120; 2937 Harrison St.; owner, R. Moiso, prem.; contractor, Economy Roofing & Siding Co., 2577 San Bruno Ave.
ALTER dwelling, \$450; 31 Belmont Ave.; owner, Geo. A. Sturtevant, prem.
BILLBOARD, \$7; S. Bush 137 E. Buchanan; owner, Foster and Kleiser, 1675 Eddy St.
ALTER shop, \$300; 444 Post Street; owner, Lavina Hund, prem.; contractor, Mullen Mfg. Co., 60 Rausch St.
SIGN, electric, \$100; 304 Montgomery St.; owner, Iah's Beauty Salon, prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER dwelling, \$491; 46 Jordan Ave.; owner, M. B. McGuire, prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|---------------------------------|--|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Farms | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Sawks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Legs | 18.—Warehouses & Books |
| 9.—Club Buildings | 19.—Misc. Const. |
| 10.—Hospitals | 20.—Misc. Supplies & Etc. |

1— APARTMENTS

Completing Plans
APARTMENTS Cost, \$80,000
 SAN FRANCISCO, S. Pacific Street, East of Gough St.
 Three-story apartment bldg.; steel and concrete construction first floor, frame and stucco above, refrigeration, glass shower doors, elevator, etc.
 Owner—Viggo Rasmussen.
 Architect—H. C. Baumann, 251 Kearny Street.
 Plans will be completed shortly and segregated bids received by the owner.

Contract Awarded
APARTMENTS Cost, \$20,000
 BURLINGAME, San Mateo Co., Cal.
 Two-story concrete apartment bldg. containing three stores and three apartments; wood joists and partitions; part tile and composition roof.
 Owner—Withheld.
 Architect—Leo Sharps, 1319 Howard Ave., Sacramento.
 Contractor—Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.

Contract Awarded
APARTMENTS Cost, \$.....
 OAKLAND, Alameda Co., Calif. 25-27-29-31 Excelsior Court.
 Two-story 20-room apartment bldg.
 Owner—Ralph Kroll.
 Architect—Not Given.
 Contractor—Harry Kroll, 512 Glenview Ave., Oakland.

3— CHURCHES

Bid Opened
CHURCH
 FRESNO, Fresno Co., Calif. Waterman and Tulare Streets, Chinese Baptist Mission.
 Church Building.
 Owner—Northern Baptist Convention
 83 McAllister St., San Francisco.
 Plans by Owner.
 Low Bidder—T. C. and W. H. Irwin, 908 Mildreda St., Fresno, \$11,741.
 Complete bids follow:
 T. C. & W. H. Irwin.....\$11,741
 A. Jorgensen.....12,135
 Harris Construction Co.....12,551
 Ericson & House.....12,844
 Walker & Walker.....13,404
 Bids held under advisement.

4— FACTORIES & WAREHOUSES

Low Bidder
WAREHOUSE
 GILROY, Santa Clara Co., Calif.
 One-story corrugated iron ware-

house.
 Owner—General Petroleum Company of California.
 Plans by Eng. Dept. of Owner.
 Low Bidder—William Radtke, 180 Egleberry St., Gilroy.

Low Bidder
PLANT
 NEAR SOLEDAD, Monterey Co., Cal.
 Distributing plant consisting of warehouse, garage, loading rack, pump house, storage tank, etc.
 Owner—General Petroleum Company of California.
 Low Bidder—F. N. Francioni, Soledad.

Bids In
ADDITION.
 SAN FRANCISCO, York and Alameda Streets.
 Addition of one-story garage bldg.
 Owner—Continental Baking Co.
 Architect—Bliss & Fairweather, Hohbart Building.
 Bids forwarded to New York office of owner for consideration.

Preparing Working Drawings
WAREHOUSE Cost, \$.....
 ESCALON, San Joaquin Co., Calif.
 One-story brick warehouse (60x170-ft.) addition to winery.
 Owner—Withheld.
 Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans Being Figured
ADDITION
 CROCKETT, Contra Costa Co., Calif.
 All concrete addition to garage, steel sash.
 Owner—Mr. Desmond.
 Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Completing Plans
FREIGHT TERMINAL
 OAKLAND, Alameda Co., Cal. 24th and Willow Streets.
 One-story Class C reinf. concrete and steel truss freight terminal building; one-story reinf. concrete repair shop building and one-story frame and stucco office building.
 Owner—United Transfer Co., 21st & Brush Sts., Oakland.
 Engineer—W. E. Murray, 908 Hayes St., San Francisco.
 Plans will be completed and bids received in about ten days.

Contract Awarded
WAREHOUSE Cost, \$.....
 GILROY, Santa Clara Co., Calif.
 One-story corrugated iron warehouse
 Owner—General Petroleum Company of California.
 Plans by Engr. Dept. of Owner.
 Contractor—Wm. Radtke, 180 Egleberry St., Gilroy.

Contract Awarded
PLANT Cost, \$.....
 NEAR SOLEDAD, Monterey Co., Cal.
 Distributing plant consisting of warehouse, garage, load'g rack, pump house, storage tank, etc.
 Owner—General Petroleum Company of California.
 Contractor—F. N. Francioni, Soledad.

Contract Awarded
ADDITION Cost, \$.....
 OAKLAND, Alameda Co., Calif. 711 East Eighth Street.
 One-story brick addition to warehouse.

Owner Mrs. F. N. Belgravia,
 Engineer R. C. L. H. Hart
 St. Oakland
 Contractor—Wm. J. Moore Co.,
 351 Hobart St., Oakland.

6— GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, \$.....
 SAN FRANCISCO, Ocean Ave. and Jules Street.
 Construction of new gasoline service station.
 Owner—Standard Oil Company.
 Plans by Engr. Dept. of Owner.
 Contractor—Barrett & Hilt, 918 Harrison Street.
Plumbing and Piping—Adrian Ramazzotti, 1473 Vallejo Street.
Electric Wiring—Atlas Electric and Engr. Co., 956 Folsom Street.

Preparing Plans
REMODEL GARAGE
 MONTEREY, Monterey Co., Calif.
 Remodel garage building.
 Owner—Withheld.
 Architect—Guy O. Koepp, P. O. Box 644, Carmel.

7— FEDERAL BUILDINGS

Bids Wanted—To Close February 17, 1 P. M.
POSTOFFICE Est. Cost, \$320,000
 RIVERSIDE, Riverside Co., Calif.
 New United States Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of the Treasury Department, Washington, D. C.
 Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

CONTRACT AWARDED
YERBA BUENA SHOALS.—Venetian Blind Factory, Ripon, at \$290 awarded contract by the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush St., San Francisco, for venetian blinds for the Federal Bldg., Yerba Buena Shoals.
 Contract awarded second low bidder due to error in low bid.

BIDS OPENED
YERBA BUENA SHOALS.—Barrett & Hilt, 918 Harrison St., San Francisco, at \$3793 submitted low total bid to U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for log construction work involving benches, risers, etc., for the Federal Bldg., Yerba Buena Shoals.
 Bids were received on four items.
 Complete bids follow:
 Barrett & Hilt, San Francisco (total bid), \$3,793.
 Albert E. Mangs & Associates, (a) \$939; (b) \$1,064; (c) \$2,397; (d) \$1,160.
 J. S. Stewart (d) \$1,161.77
 American Tent & Awning Co., (d) \$1,380.

CONTRACT AWARDED
YERBA BUENA ISLAND.—Neil D. Parker, 1431 Van Ness Avenue, San Francisco, at \$1,781.49 awarded contract by the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush Street, San Francisco, for rugs and carpets for the Federal Bldg., Yerba Buena Shoals.

MATERIALS APPROVED

LOS BANOS, Merced Co., Calif.—Treasury Department has approved the following equipment and materials awards for construction of the U.S.P.O. at Los Banos; L. F. Dow Company, contractor:

Pendant switch, Pass & Seymour; glassware, Gill Glass & Fixture Co.; and Moe-Bridges Corp.; lighting fixtures, Wakefield Brass Co. 7

ADDITIONAL SUB-CONTRACTS AWARDED

MARE ISLAND, Solano Co., Calif.—K. E. Parker Co., 135 South Park, San Francisco, awarded the following additional sub-contracts for the construction of a hospital corpsmen's dormitory and a nurses' quarters at the Naval Hospital, Mare Island; Spec. No. 8836:

Misc. and Ornamental Iron—Michel & Pfeiffer Iron Works, Inc., 10th and Harrison Sts., San Francisco

Roofing—J. W. Bender Roofing and Paving Co., 1999 Bryant St., San Francisco.

Sheet Metal—Morrison & Co., 74-76 Duboce Ave., San Francisco.

Marble—Ray Cook Marble Co., 1355 Powell St., Emeryville.

Title—Superior Tile Co., 4939 Broadway, Oakland.

Terrazzo—Oakland Concrete & Terrazzo Co., 2227 Market St., Oakland.

Millwork—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland. Glass and Glazing—Cobbedick-Kibbe Glass Co., 301 Washington, Oakland.

BIDS OPENED

BONNEVILLE, Oregon.—Wiley & Smith, Inc., 2603 S.E. Grand Avenue, Portland, Oregon, at \$1,588.85, submitted low bid to the War Department, U. S. Engineer Office, Bonneville, Oregon, for furnishing and installing a rubber tiled floor covering in the Control and First Aid Rooms of the powerhouse at Bonneville, Oregon. Inv. No. 694-39-77.

Second low bidder was Cork Floor Products Co., Portland, Oregon, at \$1,625.

BIDS WANTED

ESTES PARK, Colorado.—Until Feb. 6, 10:00 A. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Denver, Colo., for construction of six 5-room, twelve 4-room and six 3-three room residences at the Estes Park headquarters, Colorado-Big Thompson project, Colorado, located near Estes Park, Colo.

Residences will be wood-frame covered with siding or shingles laid over sheathing and building paper with plaster or insulating board covering on inside walls and ceilings; oak flooring laid over sub-floors on first floors with all porch floors and second story floors or attics will have single floors of vertical grain fir flooring laid directly over floor framing; linoleum floors and wainscots of bathrooms and kitchens: cement-asbestos shingle roofs laid over solid sheathing; roofs of screened porches and dormer windows will be covered with galvanized metal; insulated ceilings and walls; warm-air gravity heating systems.

No deposit required from prospective bidders for drawings and specifications. 7

CONTRACT AWARDED

SAN FRANCISCO, Cal.—American Builders, Inc., 6th and Alaska Sts., Seattle, Washington, at \$5,152, awarded contract by the War Department,

Office of the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the fabrication of 13 portable demountable buildings for CCC camps in the 9th Corps Area.

CONTRACT AWARDED

WINCHESTER BAY, Ore.—Curtis Gardner, 3830 NE 32nd St., Portland, at \$48,909 awarded contract by the Treasury Dept., U. S. Coast Guard, Washington, D. C., for the construction of two-story frame dwelling (17x17-ft.) on each end, all having concrete foundations with basement; a frame equipment building (32x61-ft.) having a concrete foundation, concrete floor, and concrete approach slab, all complete with electric, heating and plumbing facilities, etc., together with all accessories required to construct the work at the Omiqua river, U. S. Coast Guard Station, Winchester Bay, Oregon.

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal.—Nick Hemming, 527 38th Ave., San Francisco, at \$1,205 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plumbing fixtures and repairs at the U. S. P. O., Berkeley. 7

Completing Preliminary Plans

RESIDENCE STOCKTON, San Joaquin Co., Calif. One-story frame and stucco residence (6 rooms), shingle roof, gas fired warm air heating; hardwood floors, wood sash, linoleum kitchen, and bath, etc. Owner—Withheld. Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

To Be Done By Days Work

RESIDENCE ARAGON TRACT, San Mateo Co., Calif.

One-story frame and stucco residence with elevated bedroom, shake roof, hardwood floors, tile bath, etc.

Owner and Builder—Paul L. Debrat, 153 Castilian Way, San Mateo. Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Completed

COTTAGES Cost, \$4,000 each MILL VALLEY, Marin Co., Calif. Two one-story frame cottages (three rooms each). Owner—Withheld.

Architect—Conrad T. Kett, 519 California St., San Francisco.

Preparing Sketches

RESIDENCE Cost, \$..... LARKSPUR, Marin Co., Calif. Two-story frame residence (7 rms.).

Owner—Withheld. Architect—Conrad T. Kett, 519 California St., San Francisco.

Plans Completed

RESIDENCE Cost, \$..... SAN MATEO, San Mateo Co., Calif. Aragon Tract.

One-story Monterey type residence (5 rooms) hardwood floors, tile bath, etc.

Owner—Mr. Marini. Architect—D. E. Jaekle, 126 Post St., San Francisco. Contractor—Hammer & Tosch Co., 1479 Burlingame Ave., Burlingame.

Plans Completed

RESIDENCE Cost, \$..... LINDENWOOD, San Mateo Co., Cal. One - story Colonial type residence (10 rooms), wood and brick exterior, shingle roof, gas fired air

conditioning system, hardwood floors, tile baths, etc.

Owner—H. B. Rooney. Architect—Arthur Janssen, Route 1, Box 113, Redwood City. Bids will be asked from a selected list of contractors about Jan. 15.

Preparing Working Drawings

RESIDENCE Cost, \$..... FELTON GABLES, Menlo Park, San Mateo Co., Calif.

One - story Colonial type residence (2 bedrooms, 2 tile baths) hardwood floors, brick terrace, shingle roof, stucco exterior, gas fired air conditioning system, two-car garage.

Owner—Claude Callahan. Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Contractor—G. W. Williams Co., 10 California Drive, Burlingame.

Plans Completed

RESIDENCE Cost, \$..... HILLSBOROUGH, San Mateo Co.

Two - story frame residence (ten rooms, 3 baths) hardwood floors shake roof, gas fired hot air heating system, etc. 7

Owner—Withheld. Architect—Ed Musson Sharpe, 111 Sutter St., San Francisco.

Contractor—Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.

15—SCHOOLS**Award Recommended**

JUNIOR COLLEGE ADDITION SANTA ROSA, Sonoma Co., Calif. Construction of the 6th unit at the Junior College, consisting of one-story reinforced concrete assembly, music and dramatics building. Owner—City of Santa Rosa Junior College District.

Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—P. F. Reilly, 666 Mission Street, San Francisco.

Recommendation made to PWA that contract be awarded low bidder at \$171,775, which includes deduction of alternates 3 and 5.

BIDS WANTED

MERCED, Merced Co., Calif.—Until January 19, 5 P. M., bids will be received by the Merced Union Elementary School Board, A. W. Petersen, Clerk, for furnishing the hardware and installing the furniture and equipment for an addition to the John Muir School building located at Merced.

Plans and specifications may be obtained from Architect E. G. Ernst, 561 E. Harding Way, Stockton, and from the Supt. of the School District at the John Muir School building, Merced, upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 5:30 P. M., January 19, in the John Muir School assembly hall, Merced.

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif.—Paul E. Cook, 109 Fifth St., Eureka, at \$9,115 submitted low bid and was awarded contract by Eureka Union High School District, Geo. B. Alhee, Clerk, for furnishing and installing a boiler in the existing Junior High School building and running steam main and return to the location of the new shop building at Eureka.

Architects, Masten and Hurd, 442 Post St., San Francisco.

Complete bids were:

Paul E. Cook, Eureka.....	\$ 9,115
James A. Nelson, Inc., S. F.....	9,150
A. Brizard, Inc., Arcata.....	9,581
Knittle Bros., San Francisco.....	11,485
E. E. Smith, Eureka.....	12,600

CONTRACT AWARDED

YERBA BUENA SHOALS.—H. F. Sanders, 334 Golden Gate Avenue, San Francisco, at \$4,680.92, submitted low bid and was awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush Street, San Francisco, for landscaping in North Court, Yerba Buena Shoals.

California Nursery Co., Niles at \$6,740.50, submitted the only other bid. * 7

CONTRACT AWARDED

YERBA BUENA SHOALS.—Raphael Co., 270 Tehama St., San Francisco, at \$978, submitted low bid and was awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for interior painting of the Federal Bldg., Yerba Buena Shoals.

Total bids follow:
 Raphael Co., San Francisco, \$ 978.00
 D. Zelinsky & Sons, Inc., San Francisco 1,373.00
 R. P. Paoll & Co., San Francisco 1,490.00
 Quandt & Sons, San Francisco 2,487.00
 * 7

BIDS OPENED

TULARE COUNTY, Calif.—Fred F. Greenfield & Co., 1830 W. Jefferson St., Los Angeles, at \$55,990, submitted low bid to the United States Department of Agriculture, Farm Security Administration, Room 403, Wallingford Building, 85 Second St., San Francisco, for the construction of 43 Farm Labor Home Units consisting of houses, electrical and water distribution system, sewage disposal system, roads, and all appurtenances, and in addition the Landscaping of the Tulare Unit of the California Migratory Labor Camps, on the Tulare Tract, Tulare County, Visalia, Calif. All work included in one general contract.

Complete bids follow:
 Fred F. Greenfield & Co., Los Angeles \$35,990
 E. E. Wikholm, Inglewood 90,000
 E. C. Nickel, Arcadia 90,800
 Robert McCarthy, San Francisco 92,838
 Wm. P. Nell Co., Ltd., Los Angeles 94,260
 Midstate Construction Co., Fresno 97,186
 T. P. Schultz, Compton 97,615
 C. E. Kerns, Long Beach 106,350
 Government estimate 90,500
 (1215) 1st rep. Dec. 15, 1938. * 7

BIDS WANTED

SACRAMENTO AIR DEPOT.—Until Feb. 3, 2:30 P. M., bids will be received by the War Department, Office of the Constructing Quartermaster, Sacramento Air Depot, Calif., for the construction and completion of Dock, Warehouse, Derrick and Hoist on Sacramento River for Sacramento Air Depot, Sacramento.

Plans and specifications may be obtained at the above office upon deposit of \$5 certified check payable to the Finance Officer, U. S. Army.

BIDS OPENED

HICKAM FIELD, T. H.—Robert E. McKee, 4700 San Fernando Rd., Los Angeles, at \$1,038,000 submitted low bid to the Constructing Quartermaster, Fort Mason, San Francisco, for construction and completion of the A. C. Barracks (3200 men) at Hickam Field, T. H.
 Bids received at Fort Mason follow:

Robert E. McKee, Los Angeles, (1) \$1,039,000; (2) add \$56,000; (3) add \$111,000; (4) deduct \$10,000.

Tucker-McClure, Los Angeles, (1) \$1,078,641; (2) add \$46,000; (3) add \$111,000; (4) deduct \$27,000.

George A. Fuller Co., Los Angeles, (1) \$1,094,000; (2) add \$59,000; (3) add \$117,000; (4) deduct \$8,000.

Bids received at Hickam Field follow:
 Ralph E. Woolley, Honolulu, \$1,235,600.
 Hawaiian Contr. Co., Honolulu, \$1,238,728.
 Moses Akiona, Honolulu, \$1,330,000.

No bids received at New York.

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—Aqua Systems, Inc., San Francisco, at \$15,552 awarded contract by the Army Department, Construction Division, Washington, D. C., under Bid No. QM 6870-39-10 for construction and completion of a gasoline fueling system for Engine Test Bldg. at the Air Depot, Sacramento.

BIDS WANTED

WASHINGTON, D. C.—Until Jan. 31, bids will be received by the U. S. Treasury Department, U. S. Coast Guard, Washington, D. C., for the construction, under one general contract, of two-story frame station building, the overall dimensions of which are 54x120-ft., the entire bldg. having a reinforced concrete foundation slab and supports; all complete with electric, plumbing, heating facilities, etc.; together with all accessories required to construct the work at the Coquille River, U. S. Coast Guard Station, Bandon, Ore. * 7

Bids Wanted—To Close Feb. 10,

1 P. M.
POSTOFFICE Est. Cost, \$123,000
FULLERTON, Orange Co., Calif.
 New U. S. post office.

Owner—United States Government.
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.
 Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required for one set of plans. *

BIDS WANTED

MARE ISLAND, Solano Co., Calif.—Until Jan. 27, 11 A. M., (postponed from Jan. 25), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of a supply storehouse at Navy Yard, Mare Island; Spec. No. 8742. Est. cost, \$800,000.

As previously reported, work includes concrete construction; glass block masonry; steel and iron work; roofing and sheet metal work; metal and metal covered doors; metal studding and lathing; metal partitions; plastering; woodwork; glazing; painting; elevators; refrigerating drinking fountains; and plumbing, heating and electrical systems.

Drawings, and specifications may be obtained from the above office and from the Commandant, Navy Yard, Mare Island, Calif., upon deposit of \$50, payable to the Chief of the Bureau of Yards and Docks. Postponed from Jan. 25.

MATERIALS APPROVED

CAMAS, Wash.—The Treasury Department approved the following equipment and materials awards for construction of the U. S. P. O., at Camas, Washington; Jos. H. Anderson, Portland, Oregon, contractor; Plumbing fixtures, Standard

Sanitary Mfg. Co.; electric water cooler, Sunroc Spring Water Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; hot water heater, Am. Radiator Co.; hot water storage tank, McCulloch & Sons; reinf. valve, Watts Regulator Co.; nonconducting covering for plumbing, Philip Carey Co.; boiler, Kewanee Boiler Corp.; tube radiators, Am. Radiator Co.; wall radiators, Am. Radiator Co.; oil burner for heating boiler, Enterprise Oil Burner Co.; angle radiator valves, Jas. F. Marsh Corp.; air valves for radiators and air valves for end of steam mains, Am. Radiator Co.; pipe hangers, Grinnell Co.; nonconducting covering for heating, Philip Carey Co.; panel boards and main switch, NePage-McKenney Co.; r.c. wire, U. S. Rubber Products Co.; receptacles and flush switches, Harvey Hubble; lighting fixtures, Perfelitte Co. * 7

BIDS WANTED

HAWTHORNE, Nev.—Until Feb. 8 bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing 34 ordnance buildings, railroad tracks, roads and services at the Naval Ammunition depot, Hawthorne, Nev. Spec. 8966. Estimated cost \$470,000.

The buildings will be one-story and will include earthwork; concrete; steel and iron; brick and hollow tile, glass-block masonry; roofing, sheet metal work, corrugated asbestos, and membrane waterproofing; metal doors; metal windows; plastering; woodwork; glazing; cranes and hoists; sewerage; water and plumbing systems; heating and distribution piping; electrical work; lighting protection, and painting.

Plans and specifications obtainable from the above office upon deposit of \$50.

BIDS OPENED

BRAWLEY, Imperial Co., Calif.—Washington Ornamental Co., Washington, D. C., at \$44, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models, U. S. P. O., at Brawley.

Other bids were:
 Lombard & Ludwig, Inc., Washington, D. C. \$54.00
 Will & Houston, Los Angeles 67.00
 F. Bruyninck Co., Washington, D. C. 72.00
 Watkins Co., Ltd., Vernon, Calif. 84.00
 * 7

CONTRACT AWARDED

SNOHOMISH, Wash.—Wm. Fodge, Montesano, Wash., and Alex Fraser, Aberdeen, Wash., awarded contract at \$24,995 on item 1 by the U. S. Department of Interior, Indian Service, Washington, D. C., for construction of a school building at Snohomish, Wash., Toholah Indian Agency.

Work involves construction of a one-story and part basement frame building, approx. 37x70-feet with an ell approx. 20x37 ft. Plumbing, heating and electric wiring are included in the contract.

9—HOSPITALS

CONTRACT AWARDED

PASADENA, Calif.—P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, awarded general contract by Huntington Memorial Hospital, Br. at \$210,954 for construction of reinf. con. main building on site of the Huntington Memorial Hospital, Congress St. and Fairmount Ave., Pasadena. General contract does not in-

clud-... elevator, electric... best... ventilating, air... plumbing, sewer... automatic... fertilizers, Vent... lighting fixtures, Plans... Bids for all... items... painting, have been... and... will be awarded later.

Cost of main building, \$500,000. Changes to present main building, for which a contract will be awarded later, and children's building and physiotherapy building, recently completed by E. Wescott Co., will bring the cost of all improvements to approximately \$600,000. Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles, are the architects; Clyde C. Deuel, structural engineer; E. L. Ellingwood, mechanical engineer.

Bids Wanted—To Close January 23, 11:30 A. M.
HOSPITAL Cost, \$136,267
 SONOMA COUNTY, Calif., about 2 1/2 miles northeast of Santa Rosa. One-story frame and stucco tuberculosis addition to hospital.

Owner—County of Sonoma.
 Architect—John Easterly, Exchange Bank Bldg., Santa Rosa.
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened at 11:35 A.M., Jan. 23, in the Board of Supervisors Room in the Courthouse, Santa Rosa.

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

Planned
LIBRARY BLDG. Cost, \$500,000
 SAN JOSE, Santa Clara Co., Calif.
 San Jose State College.
 Two-story library building.
 Owner—State of California.
 Plans by State Division of Architecture.

Contract Awarded
PAINTING Cont. Price, \$7,290
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Painting—Palace of Fine Arts. Contract No. 118.5.
 Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—R. P. Paoli and Company, 2530 Lombard Street, San Francisco.

BIDS REJECTED
 YERBA BUENA SHOALS.—The Department of Public Works, Room 251, City Hall, rejected all bids received for construction of an exhibit for the Department of Recreation of San Francisco in the San Francisco Building at the Golden Gate International Exposition on Yerba Buena Shoals.
 Albert E. Mangs & Associates, 666 Mission St., submitted low bid at \$3,286.
 Plans prepared by Architect Clarence A. Tantau, 210 Post Street, San Francisco.

CONTRACT AWARDED
 YERBA BUENA SHOALS.—Albert E. Mangs & Associates, 666 Mission St., San Francisco, at \$5,496 awarded contract by the Department of Public Works, Room 251, City Hall, for construction of an exhibit for the Department of Education of San Francisco in the San Francisco Bldg. at the Golden Gate International Exposition on Yerba Buena Shoals.
 Plans prepared by Architect Clar-

ence A. Tantau, 210 Post Street, San Francisco.

Sub-Contracts Awarded
ADDITION Cont. Price, \$77,631
 REDWOOD CITY, San Mateo Co., Calif.
 Two-story addition to present city hall.
 Owner—City of Redwood City.
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
 Contractor—Frank J. Reilly Co., 6350 Fulton St., San Francisco.
Roofing—Crowley Roofing Co., 108 California Drive, Burlingame.
Plumbing & Heating—Skelly & Kohler, 1342 Ninth Ave., San Francisco.

Electric Wiring—Erskine Electric Inc., Middlefield Road, Redwood City.
Sheet Metal—Redwood City Sheet Metal Works, 502 Arguello, Redwood City.
Marble—Ray Cook Marble Co., 1535 Powell St., Emeryville.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Ornamental and Misc. Iron—Sartorius & Co., 2530 18th Street, San Francisco.

Brick and Stone—California Cut Stone Granite Works, South San Francisco.
Grading—L. C. Smith, 235 Third Ave., San Mateo.
Lumber—Thompson Lumber & Piling Co., Monadnock Bldg., San Francisco.

Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia St., Oakland.
Painting—Ferdinand Terheyden and Bros., 940 Divisadero Street, San Francisco.
Lathing and Plastering—James Patt, 33 Day St., San Francisco.
Concrete—Peter Sorensen, 919 Arguello St., Redwood City.

Sub-Contracts Awarded
ASSEMBLY BUILDING
ANDERSON, Shasta Co. Calif., 27th District, Agricultural Assn.
 Wood frame assembly bldg. (75x125 ft.), covered on exterior with wood siding and corrugated iron.
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect—Public Bldg., 12th and N Sts., Sacramento.
 Contractor—W. C. Tait Inc., 883 Market St., San Francisco.
Roofing, Sheet Metal, and Lumber—Diamond Match Co., Anderson.
Electric Wiring—Crown Electric Co., 153 Eddy St., San Francisco.
Mill Work—Hayward Mill and Lumber Co., 1 Castro, Hayward.
Painting—Johnson Bros., 133 North Willis St., Redding.
Concrete—Hein Bros. Basalt Rock Co., P. O. Box 162, Petaluma.

Contract Awarded
PHYSICIANS COTTAGES
ELDRIDGE, Sonoma Co., Calif., Sonoma State Home.
 Erection and completion of three assistant physicians cottages; one-story wood frame buildings with wood shingle roof covering, together with three garages and roadwork.

Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.
General Work
 A. Frederick Anderson, 1093 Longridge Rd., Oakland\$18,342
Electric Work
 Norman A. Russell, 822 College Ave., Santa Rosa\$2,000
Plumbing and Heating
 Scott Co., Inc., 243 Minna

St., San Francisco\$5,687

Sub-Contracts Awarded
CONCESSION STANDS
Contract Price, \$77,423
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Concession Stands; Contract No. 221.
 Owner—San Francisco Bay Exposition Co., (W. L. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
Electric Wiring—American Electric Const. Co., 462 Bryant St., San Francisco.
Roofing—N. V. Heathorn Roofing Co., 354 Hobart St., Oakland.
Drayage—G. W. Thomas Drayage & Rigging Co., 582 Howard Street, San Francisco.

Additional Sub-Contracts Awarded
EXHIBIT BLDG. Cont. Pr., \$76,380
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of French Pavilion.
 Owner—Committee for the Participation of the French Government at the Golden Gate International Exposition.

Architects—George Besse and Paul Meyer-Levy.
 Associate Architects—Spencer, Blanchard & Mahler, 369 Pine Street, San Francisco.
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.
Painting—Raphael Co., 270 Tehama.
Plastering—Ruane and Jensen, 359 Douglass Street.
Glass—Progress Glass Co., 1622 Folsom Street.
Floors—Lilly and Crowley, Inc., 123 Kansas Street.
Hardware—Palace Hardware Co., 581 Market Street.
 All of San Francisco.

Additional Sub-Contract Awarded
RESIDENCE Cost, \$.....
 SAN FRANCISCO. SW Scott and Green Streets.
 Three-story frame and stucco residence (12 rooms, 6 baths) copper roof, gas fired hot air heating system, etc.
 Owner—James P. Bradley, c/o Architect.
 Architect—Gardner A. Dailey, 210 Post Street.
 Contractor—Jacks & Irvine, 620 Market Street.
Roofing—Alta Roofing Co., 976 Indiana Street.

Sub-Contracts Awarded
EXHIBIT BLDG.
Contract Price, \$11,948
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.
 Construction of New Zealand Bldg.; Contract No. 224.
 Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.
 Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—Barrett & Hill, 918 Harrison St., San Francisco.
Electric Wiring—T. Rosenberg Co., 411 Webster St., Oakland.
Painting—Raphael Co., 270 Tehama St., San Francisco.
Staffwork—Henry Gregoire, 357 12th St., San Francisco.
Plumbing—Higgins & Kraus, 741 Tehama St., San Francisco.
Douglas Fir Poles—Pope & Talbot Lumber Co., 461 Market St., San Francisco.

Bids Wanted—To Close January 23, 8:30 A. M.
CIVIC AUDITORIUM AND FIRE STATION. Cost, \$254,000
SANTA CRUZ, Santa Cruz Co., Cal.
 Two-story early California style auditorium building (184x157), seating 2100 on main floor and balcony; stage, dressing rooms, committee rooms; also fire station at rear housing dormitory, lounge room kitchen, shower and office rooms.

Owner—City of Santa Cruz, S. A. Evans, City Clerk
 Architect—Mark Daniels, 101 Post Street, San Francisco.

Bonds in the amount of \$140,000 together with PWA grant of \$114,540 will finance construction.

Plans and specifications may be obtained from the office of City Engineer R. W. Fowler, City Hall, Santa Cruz, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid and filed with the City Engineer on or before 8:30 A. M., Jan. 23, and will be opened at 9 A. M., of that date in Room 105, Santa Cruz City Hall, Santa Cruz.

Sub-Contracts Awarded
FIRE STATION Cont. Pr., \$93,239
BAKERSFIELD, Kern Co., Calif.
 Two-story and part basement, reinforced concrete central fire station; PWA project.

Owner—City of Bakersfield, V. Van Riper, Clerk
 Architect—Chas. H. Biggar, 554 Haverfield Bldg., Bakersfield.

Contractor—Opperman and Co., 1327 Orange Drive, Bakersfield.

Roofing—Kern County Roofing and Tile Co., 427 E 21st St.

Plumbing—A. E. Abbott, 910 Monterey Street.

Electric Wiring—Advance Elec. Co., 909 18th St.

Heating—Gilmore Fabricators, Inc., 821 Folsom St., San Francisco.

Sheet Metal—Wm. McKenney, 2226 Oregon Drive.

Tile Work—Orval McNay, 1669 1/2 Chester Avenue.

Glass—W. P. Fuller & Co., 2016 Chester Avenue.

Hardwood Floors—Hayward Lumber & Investment Co., 1431 H St.

Grading—Calowell Const. Co., 3500 Chester Avenue.

Lumber—The King Lumber Co., 2 Sumner.

Mill Work—Fresno Planing Mill Co., H and Monterey, Fresno.

Hardware—Bakersfield Sandstone Brick Co., 501 Sonora.

Painting—Peckham & Foster, 2420 G Street.

Lathing and Plastering—Geo. Rosen-dahl, 3154 Larga Ave., Los Angeles.

Steel Rolling Doors and Reinforcing Steel—Kyle & Co., 346 G Street, Fresno.

All of Bakersfield unless otherwise noted.

Sub-Contracts Awarded
EXHIBIT BLDG. Cont. Pr., \$30,679
YEPBA BUENA SHOALS. Site of the 1939 World's Fair.

General construction of the Illinois Building; Contract No. 220.
 Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 555 Bush St., San Francisco.
 Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.
 Contractor—Oliver S. Almlie, 1445 24th Ave., San Francisco.
Roofing—Malott & Peterson, 412 Harrison St.
Plumbing—Higgins & Kraus, 141 Te-

harna St.
Electric Wiring and Heating—Central Electric Co., 179 Minna St.
Sheet Metal—Morrison & Co., 74-76 Duboce Ave.
Glass—Cobbledick Kibbe Glass Co., 666 Howard.
Stairs—Albert E. Faunt, 1414 15th
Lumber—Daugherty Lumber Co., 189 Napoleon.
Hardware—Palace Hardware Co., 321 Market St.
Painting—Raphael Co., 270 Tehama Street.
Lathing and Plastering—James F. Smith, 271 Minna.
Finish Lumber and Plywood—Smith Lumber Co., 4th and Channel.
Bolts and Plates—Kortick Manufacturing Co., 335 First St.
Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts.
 All of San Francisco.

CONTRACT AWARDED
MARIN COUNTY, Calif.—George Gregory, 554 Red Hill Ave., San Anselmo, at \$2,900 submitted low bid and was awarded contract by the Board of Supervisors of Marin Co., George S. Jones, Clerk, for the exterior painting of the Buildings at the Marin County Farm and Hospital.

Complete bids were:
 George Gregory, San Anselmo \$2,900.00
 W. G. Thompson, San Francisco 3,145.00
 Marin Furniture Co., San Rafael 3,271.00
 J. T. Neal, Jr., Kentfield 3,590.00

SUB-CONTRACTS AWARDED
SACRAMENTO, Cal.—Lindgren & Swinerton, Inc., 619 H Street, Sacramento, awarded the following sub-contracts for alterations to council chambers, City Hall, Sacramento:
Acoustic Celotex—Western Asbestos Co., 674 Townsend Street, San Francisco.
Millwork—Capital City Planing Mill, 1812 9th St.
Painting—Wilcoxson and Wilson, 1724 34th Street.
Plumbing—J. J. McDermott, 616 13th Street.
Tile Work—H. P. Fischer Tile and Marble Co., 1219 J St.
Linoleum—H. W. Rivett Co., 2300 Y Street.
Carpet—John Breuner Co., 604 K St.
 All of Sacramento unless otherwise noted.

BIDS WANTED
LOS ANGELES, Calif.—Until Feb. 1, 11:00 A. M., bids will be received by the general manager of the Los Angeles Harbor Department at 408 Branch City Hall, San Pedro, for a 1-story steel frame and concrete shop building, and a 2-story concrete office building to be built at the department's supply yard, Berth 161, Los Angeles Harbor; Spec. 982, a PWA project; cost, \$36,000. Bidding data may be obtained from the Harbor Engineer, Branch City Hall, San Pedro, upon deposit of \$25. Certified check or bond for 10% required. 13

Bids Wanted—To Close January 31, 2:00 P. M.

ADDITIONS AND IMPTS.
ELDRIDGE, Sonoma Co., Calif.
 Installation and completion of additions and improvements to water distribution consisting of approximately 17,500 feet of water piping, varying in size from 1/2 inches to 8 inches in diameter, together with valves and misc. fittings; also, the installation of one new deepwell turbine pump

in an existing well and the overhauling of one existing pump.
 Owner—State of California.
 Architect—State Division of Architecture, W. K. Daniels, Acting State Architect, Public Works Building, 12th and N Streets, Sacramento.

Plans and specifications may be obtained from the Division of Architecture, Public Works Building, Sacramento, upon deposit of \$25, returnable.

Bid must be accompanied by cashier's or certified check payable to the Director of Public Works in the amount of 10% of the bid.

BIDS OPENED
YERBA BUENA SHOALS—Ernest W. Calvin, Inc., 370 4th St., San Francisco, at \$15,260, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, for the exhibit of the Public Utilities Commission at the Golden Gate International Exposition, Yerba Buena Shoals.

Bids received with the following alternate proposals, all additions: (1) If neon tubing is installed around the ceiling (2) electrification of municipal railway map by method 1 (3) electrification of municipal railway map by method 2.

Complete bids follow:
 Ernest W. Calvin, Inc., \$15,260 (1) \$363 (2) \$914 (3) \$2,235.
 Lindgren & Swinerton, Inc., \$16,500 (1) \$425 (2) \$785 (3) \$2,120.
 Barrett & Hillp, \$22,000 (1) \$400 (2) \$1,000 (3) \$2,000.
 (1312) 1st rep. Jan. 9, 1938. * 13

14—RESIDENCES

To Be Done By Days Work
RESIDENCE Cost \$7500
SAN JOSE, Santa Clara Co., Calif.
 Hanchett Ave.
 One-story frame and stucco residence (6 rooms).
 Owner and Builder—John M. Felice, 1445 So. First St.
 Architect—Not given. 14

To Be Done By Days Work
RESIDENCE Cost \$7000
SAN JOSE, Santa Clara Co., Calif.
 Emory St.
 Two-story frame and stucco residence (7 rooms).
 Owner and Builder—Pasetta Constr. Co., 2390 Park Ave.
 Architect—Not given. 14

CONTRACT AWARDED
LOS ANGELES, Calif.—Peck and Wadsworth, 8541 W Third St., have signed contract for landscaping work in connection with Wvverwood housing project, to be built in tract of land bounded by Olympic Blvd., Soto St., 8th St. and Grande Vista St., for the D. Herbert Hostetter Estate. Work will cost approximately \$40,000. Hammond Sadler, landscape architect, 1106 Gayley Ave., West Los Angeles. Lindgren & Swinerton, general contractors, 605 West Olympic Blvd. 14

Preparing Plans
RESIDENCE
SALINAS, Monterey Co., Calif.
 One-story frame and stucco residence (7 rooms), hardwood floors, tile baths, etc.
 Owner—Withheld.
 Architect—Guy O. Koepp, P. O. Box 644, Carmel.

Preparing Plans
RESIDENCE
CARMEL, Monterey Co., Calif.
 One-story rustic residence (6 rooms), plaster interior, hot water heat-

ing system, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—Guy O. Koepf, P. O. Box 644, Carmel.

Preparing Plans
RESIDENCE Cost \$6500
SAN FRANCISCO, Mission District.
One-story and basement frame and stucco residence (6 rooms), hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny Street.

Preparing Working Drawings
RESIDENCE Cost, \$.....
WHITE OAKS, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms) hardwood floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect—Fabre & Hildebrand, 251 Kearny St., San Francisco.

Preparing Working Drawings
RESIDENCE
SAN FRANCISCO, Twin Peaks District, Paio Alto Ave.
Two-story and basement frame, stucco and rustic residence (3 bedrooms, 3 tile baths) tile roof, gas fired heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Preliminary Plans Completed
EXPOSITION MODEL HOME
LAFAYETTE, Contra Costa Co., Cal.
Happy Valley.
One-story rustic ranch house.
Owner—Withheld.
Architect—Earl R. MacDonald, 1710 Franklin St., Oakland.

Preparing Working Drawings
RESIDENCE Cost, \$3700
RICHMOND, Contra Costa Co., Calif.
Mira Vista.
One-story frame and stucco residence, (6 rooms) hardwood flrs., tile bath, shingle roof, warm air heating, wood sash, etc.
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Preparing Working Drawings
RESIDENCE Cost, \$6500
CROCKETT, Contra Costa Co., Calif.
One-story frame residence, (5 rms.) wood sash, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Completing Plans
RESIDENCE Cost, \$6500
RICHMOND, Contra Costa Co., Calif.
Mira Vista.
One-story frame and stucco residence (5 rooms), hardwood flrs., tile bath, shingle roof, warm air heating, wood sash, etc.
Owner—Mr. Johnston.
Architect—Keith O. Narbett, 462 31st Ave., Richmond.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond.

Construction Underway
RESIDENCE Cost, \$.....
OAKLAND, Cal. N side Maxwellton Road, 50 E Hilltop Crescent.
One-story frame residence and garage (7 rooms, 2 baths), stucco exterior, hardwood floors, metal sash, tile baths, etc.
Owner—Withheld.
Architect—A. Reinhold Denke, 1429 Broadway, Oakland.
Contractor—George Swanstrom, 1615 78th Ave., Oakland.

Completing Plans
EXPOSITION MODEL HOME
BERKELEY, Alameda Co., Cal. Berkeley Woods.
Exposition model home with shingle tile roof, brick trim, etc.
Owner—Mason-McDuffie Company.
Architect—F. L. Confer, Claremont Hotel, Berkeley.

January 12, 1939
Preparing Working Drawings
RESIDENCE Cost, \$.....
CONCORD, Contra Costa Co., Calif.
One-story residence (3 bedrooms) of concrete underdown construction; steel sash.
Owner—A. C. Farlow, c/o Architect.
Architect—F. L. Confer, Claremont Hotel, Berkeley.

Preparing Plans
RESIDENCE
CARMEL, Monterey Co., Calif.
Two-story frame and stucco residence (7 rooms), hardwood flrs., tile bath, etc.
Owner—Withheld.
Architect—Guy O. Koepf, P. O. Box 644, Carmel.

To Be Done By Days Work
RESIDENCE Cost \$6000
SAN JOSE, Santa Clara Co., Calif.
Hanchett Ave.
One-story frame and stucco residence (6 rooms).
Owner and Builder—Rollie Williams, 1497 Shasta Ave.
Architect—Not given. 14

To Be Done By Days Work
RESIDENCE
SAN FRANCISCO.
One-story frame and stucco residence, (5 rooms) hardwood flrs., tile bath, etc.
Owner—Standard Building Company, 1500 Judah St.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Preparing Working Drawings
RESIDENCE Approx. cost, \$7000
REDWOOD CITY, San Mateo Co., Calif.
One-story modern Colonial style residence, (3 bedrooms, 2 baths) stucco exterior, sheetrock interior, shingle roof, hardwood flrs., etc.
Owner and Builder—Dunlap & Lowell.
Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Preliminary Plans Completed
EXPOSITION MODEL HOME
EDGEWOOD PARK, San Mateo Co., Calif.
One-story early California style residence; hardwood floors, tile baths, shake roof, etc.
Owner—Withheld.
Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Preparing Preliminary Plans
BUNGALOW COURT
SAN FRANCISCO, East side of Twin Peaks.
Construction of frame and stucco bungalow court.
Owner—Withheld.
Architect—Albert H. Larsen, 333 Kearny Street.

Bids In—Held Under Advisement
RESIDENCE
KENTFIELD, Marin Co., Calif.
One-story frame residence (hardwood floors, linoleum baths, tile showers, composition roof, etc.).
Owner—Mr. Boyer, c/o Architect.
Architect—C. F. Gromme, Freitas Bldg., San Rafael.
Announcement shortly.

Preparing Working Drawings
RESIDENCE
STOCKTON, San Joaquin Co., Calif.
Two-story Colonial type residence of frame and rustic construction (7 rooms), wood shingle roof, gas fired warm air heating, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Awards Approved
ADDITION Cont. Price, \$67,172
SALINAS, Monterey Co., Calif. Alisal Elementary School.
Owner—Alisal Union Elem. Sch. District, Leo. V. Anderson, Clerk.
Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.
Contractor—John E. Branagh, 116 Monticello Ave., Piedmont.
F. A. Mills Co., 229 Golden Gate Ave., San Francisco, at \$2,769.48 awarded contract for 588 opera chairs.
Bids received on balance of furniture held in abeyance.

Sub-Contracts Awarded
SCHOOL BLDG., Cont. Pr., \$37,110
SACRAMENTO, Calif.
Construction of one-story assembly and classroom addn. at El Dorado Elementary School.
Owner—Sacramento City Unified Sch. Dist. (Chas. C. Hughes, Secy.)
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.
Contractor—H. W. Robertson, 3004 F St., Sacramento.
Roofing—Bush Roofing Co., 1912 K. Plumber—Cuppen and Hawley, 3126 J Street.
Electric Wiring—Sam Bisset, 949 33rd Street.
Heating—Stevens Plumbing Co.
Sheet Metal—Walter M. Dunphy, 3136 Poisson Blvd.
Tile Work—H. P. Fischer Tile and Marble Co., 1219 J Street.
Glass—American Fuel & Materials Co., 1610 J Street.
Window Shades—Fred E. Turner, 557 Market St., San Francisco.
Reinforcing Steel and Misc. Iron—Palm Iron Works, 15th and S. Foundations and Concrete—Carl R. Fielder, 2631 30th St.
Lumber—Diamond Lbr. Co., 2826 Q. Insulation—Allyn L. Burr Co., 2417 28th Street.
Painting—Willcoxon & Wilson, 1724 34th Street.
Lathing & Plastering—Fred Stuckert & Son, 5531 San Francisco Blvd.
Linoleum—H. W. Rivett Co., 2300 Y. All of Sacramento unless otherwise noted.

SUB-CONTRACTS AWARDED
KERN COUNTY, Cal.—Guy E. Hall 1122 Truxton Avenue, Bakersfield, awarded the following sub-contracts for the construction of a classroom, auditorium and cafeteria building at the Panama school in Kern county:
Roofing—Orval McNay, 1669½ Chestnut Avenue.
Plumbing—Bakersfield Plumbing Co., 1817 M St.
Electric Wiring—Standard Elec. Co., 2602 Chester Avenue.
Heating—Wm. McKenney, 2226 Oregon Drive.
Tile Work—Kern county Roofing & Tile Co., 427 E 21st Street.
Glass—W. P. Fuller and Co., 2016 Chester.
Hardwood Floors—O. W. Newman, 1713 2nd St.
Brick and Stone Work—Ralph Bohne.
Lumber—Hayward Lumber & Investment Co., 1431 H Street.
Mill Work—Hollenbeck Bush Planning Mill Co., P. O. Box 605, Fresno.

Painting—Pekham & Foster, 2420 G Street.
Lathing and Plastering—Charles D. Cooklin, 120 Pacific Street.
All of Baaefised unless otherwise noted.

Construction Starts Shortly
AUDITORIUM Cost, \$.....
COLUMBIA, Tuolumne Co., Cal. Columbia Elementary School.
One-story reinforced concrete auditorium building; WPA project.
Owner—Columbia Elementary School District.
Architect—Wm. Mooser, 244 Kearny St., San Francisco.
WPA will start construction January 15.

BIDS WANTED
ROSEVILLE, Placer Co., Calif.—Until January 20, 7 P. M., bids will be received by the Roseville Union High School, W. W. Zell, Clerk, for the plumbing and heating in the construction of a new high school shop building located at the high school campus, Roseville.
Plans and specifications obtainable from the office of Architect E. G. Ernst, 561 East Harding Way, Stockton, upon deposit of \$20, returnable.
Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 7:30 P. M., Jan. 20, in the principal's office at the high school.

Bids Wanted—To Close January 28.
SCHOOL Cost, \$75,000
NYS&A, Oregon.
One-story brick building, C-shaped, 221-ft. long with wing 123x60-ft. Owner—Union High School District No. 5, Carl H. Coad, Atty.
Architect—Wayland & Fennell, Boise, Idaho.
Plans and specifications obtainable from the architect's office.
Preliminary work started to meet PWA deadline requirements. 15

BIDS WANTED
EL MONTE, Los Angeles Co., Cal.—Until Jan. 27, 7:30 P. M., bids will be received by El Monte Union High School District for Units No. 1 and 2 of a one-story industrial arts bldg. to be built at the high school on Tyler St., El Monte; a PWA project. Cost, \$75,000. Plans obtainable at office of Marsh, Smith & Powell, architects, 516 Architects' Bldg., Los Angeles, upon deposit of \$20. Check 15 or bond for 5% to accompany bid.

Sub-Contracts Awarded
SCHOOL BUILDING
Contract Price, \$32,991
SACRAMENTO, Sacto. Co., Calif. Construction of one-story assembly and classroom addition at El Dorado Elementary School.
Owner—Sacramento City Unified School Dist., (Chas. C. Hughes, Secretary).
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacto.
Contractor—H. W. Robertson, 3004 F St., Sacramento.
Electric—Sam Bleset, 949 33rd.
Glass and Glazing—American Fuel and Materials Co., 2701 Stockton Blvd.
Heating—H. B. Stevens, 819 14th.
Insulation—Allyn L. Burr Co., 2417 28th.
Lumber—Diamond Match Co., 2826 Q Street.
Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
Blackboards—Fred E. Turner Co., 3957 Folsom Blvd.
Special Furniture—John Breuner Furniture Co., 804 K.
Linoleum—H. W. Rivett Co., 2300 Y.

Millwork—Moore & Garlick, 1716 Alhambra Blvd.
Painting—Willcoxon & Wilson, 1724 34th.
Plastering & Lathing—Fred Stuckerr & Son, 5331 San Francisco Blvd.
Plumbing—Luppen & Hawley, 3126 J Street.
Reinforcing and Msc. Iron—Palm Iron Works 15th and S.
Roofing—Bush Roofing Co., 1912 K.
Sheet Metal—Walter M. Murphy Sheet Metal Works, 3136 Folsom Blvd.
Tilework and Marble—H. P. Fischer Tile and Marble Co., 1219 J.
Universal Sash and Hardware—Universal Window Co., 950 Parker, Berkeley.
All of Sacramento, unless otherwise noted.

BIDS WANTED
ALHAMBRA, Los Angeles Co., Cal.—Until Jan. 23, 7:30 P. M., bids will be received by the Alhambra Board of Education for a gym building to be built at the Mark Keppel high school, corner Hellman Ave. and Almansor St., near Alhambra. Contract will include all work except the heating and ventilating, which has already been let to the J. Herman Co. Plans may be secured at 601 N. Garfield Ave., Alhambra, upon deposit of \$25. Cashier's check, certified check or bond for 5% to accompany bid. Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena. 15

BIDS WANTED
SANTA MARIA, Santa Barbara Co., Calif.—Until Jan. 19, 7:30 P. M. (bid opening date postponed from Jan. 11), bids will be received by the Santa Maria Union High School District for a reinforced concrete addition to the main building at Santa Maria high school, a PWA project. Plans and specifications may be obtained from Architect Louis N. Crawford, Gibson-Drexler Building, Santa Maria, upon deposit of \$20. Certified or cashier's check or bond for 5% required; est. cost, \$112,000. 15

BIDS WANTED
OAKLEY, Contra Costa Co., Calif.—Until Jan. 18, 7:30 P. M., bids will be received by the Oakley Union School District, Edith Dal Porto, Clerk, for furnishing and installing furniture, stage curtains and equipment for school building at Oakley.
As previously reported, plans and specifications obtainable from the Architect, Harold H. Weeks, 593 Market St., San Francisco, upon deposit of \$20, returnable.
Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8 P. M., January 18 in the office of the Board of Trustees of Oakley Union School District.
(1290) 1st report Jan. 6, 1939. 15

January 9, 1939
Bids Opened
JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif. Construction of the 6th unit at the Junior College, consisting of one-story reinf. concrete assembly, music and dramatics building.
Owner—City of Santa Rosa Junior College District.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—P. F. Reilly, 666 Mission St., San Francisco, \$177,200.
Bids were received with the following alternate proposals, all deductions:
(1) If a portion of the building on

north side including rooms 5 to 14 inclusive, are omitted and exposed portions of assembly and stage, etc., are finished with brick veneer;
(2) If the gridiron is omitted over stage and the assembly roof construction including tiles, steel strusses, concrete, etc., is extended over stage;
(3) If the switchboard as specified under the basic proposal is omitted and the switchboard as specified under alternate proposal (stage switchboard) is used;
(4) If the terrazzo stairs and platform at the front end are omitted and concrete stairs and platforms installed using an abrasive in the topping;
(5) If the septic tank disposal areas, including drain tile, gravel, etc., are omitted and the sewer and waste piping are installed according to the plumbing layout.
Complete bids follow:
P. F. Reilly, San Francisco, \$177,200; (1) \$15,500; (2) \$2800; (3) \$4750; (4) \$1200; (5) \$675.
N. H. Sjoberg and Son, Oakland, \$192,931; (1) \$17,431; (2) \$6,531; (3) \$4,731; (4) \$1,431; (5) \$731.
Moore & Roberts, San Francisco, \$193,411; (1) \$13,368; (2) \$7,054; (3) \$4,850; (4) \$628; (5) \$700.
Neilson & Erbenraut, San Jose, \$195,600; (1) \$18,000; (2) \$6,000; (3) \$4,800; (4) \$1,800; (5) \$700.
Lindgren & Swinerton, Inc., Sacramento, \$198,571; (1) \$15,000; (2) \$8,500; (3) \$5,000; (4) \$1,200; (5) \$700.
Bids held under advisement pending meeting of the board tonight.

Bids Opened
JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif. Construction of the 7th unit at Junior College, consisting of one-story frame commercial building.
Owner—City of Santa Rosa Junior College District.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Frank Eyre, 929 Market St., San Francisco, \$39,999.
Complete bids follow:
Frank Eyre, San Francisco, \$39,999
B. A. Howkins & Son, S. F., 41,372
N. H. Sjoberg & Son, 41,371
Webster Jeffers, San Francisco, 41,500
R. S. Knight, Santa Rosa, 41,785
Neilson & Erbenraut, San Jose, 41,890
Jose, 41,990
P. F. Reilly, San Francisco, 42,990
Lindgren & Swinerton, Inc., Sacramento, 43,722
Bids held under advisement pending meeting of the board tonight.

Bids Opened
JUNIOR COLLEGE ADDITION
SANTA ROSA, Sonoma Co., Calif. Construction of the 5th unit at the Junior College, consisting of two-story reinforced concrete library and administration building.
Owner—City of Santa Rosa Junior College District.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—L. S. Feletz, 1660 West Arcadia Ave., Stockton, \$127,400.
Bids were received with the following alternate proposals, all deductions:
(1) If entire second floor except stair wells is left unfinished, rough-in plumbing, heating and electric work, only;
(2) If linoleum floor is omitted, not including rubber tile in reading room;
(3) If the septic tank, disposal areas, including drain tile, gravel, etc., are omitted and the sewer and waste piping are run to the front of building and extended ten feet past outer edge of steps.
Complete bids follow:

L. S. Peletz, Stockton, \$127,400; (1) \$7,000; (2) \$1200; (3) \$700.

P. F. Reilly, San Francisco, \$131,000; (1) \$3000; (2) \$1200; (3) \$675.

N. H. Sjöberg & Son, Oakland, \$131,131; (1) \$7,931; (2) \$2,931; (3) \$831.

W. G. Ruff and Logy O'Brien, \$131,777; (1) \$9000; (2) \$2300; (3) \$874.75.

B. A. Howkins & Co., San Francisco, \$133,900; (1) \$8400; (2); (3) \$675.

Neilson & Erbentraut, San Jose, \$134,900; (1) \$8500; (2) \$1500; (3) \$700.

Lindgren & Swinerton, Inc., Sacramento, \$140,500; (1) \$5,000; (2) \$3,000; (3) \$700.

Robert McCarthy, San Francisco, \$243,918; (1) \$7700; (2) \$2900; (3) \$800.

Bids held under advisement pending meeting of the board tonight.

BIDS REJECTED

VENTURA, Calif.—Ventura Union High School and Junior College District rejected all bids received Jan. 5, 7:30 P. M., for Unit "E" (boys' gym) to be built a Ventura Junior College, Main and Catalina Streets, Ventura, a PWA project.

Plans prepared by Architects Roy C. Wilson and Geoffrey N. Lawford, Say Road, Santa Paula; Manley W. Sahlgren, structural engineer, 311 Architects' Bldg., Los Angeles.

Work will be re-advertised shortly. Complete bids were:

J. C. Bannister	\$93,100
W. E. Allen	94,642
Stanton Reed Co.	95,839
H. A. Nichols	96,592
Earle Huggins	96,735
Arthur Pinner, Jr.	96,948
Harman & Co.	98,765
J. E. Burrell & Son	99,111
Whittaker & Snook	104,000

Preparing Plans

ADDITION Cost, \$130,000
CARMEL, Monterey Co., Calif.

Frame and stucco junior high school addition which includes classrooms, offices and shops.

Owner—Sunset School Dist., Carmel. Architect—Franklin & Kump, Jr., T. W. Patterson Bldg., Fresno.

BIDS WANTED

OAKLEY, Contra Costa Co., Calif.—Until Jan. 18, 7:30 P. M., bids will be received by the Oakley Union School District, Edith Dal Porto, Clerk, for furnishing, installation, of Furniture, Stage Curtains and equipment, located at Oakley.

Plans and specifications obtainable from the Architect, Harold H. Weeks, 593 Market Street, San Francisco, upon deposit of \$20, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8 P. M., Jan. 18 in the office of the Board of Trustees of Oakley Union School District.

Bids Wanted—To Close January 26, 8:00 P. M.

SCHOOL BLDGS. Cost, \$.....
VALEJO, Solano Co., Calif. Amador and Nebraska Sts.

Two-story reinforced concrete science building and one-story frame and stucco gymnasium at the Vallejo Senior High School. Owner—Vallejo Unified School District, Elmer Cave, Supt. of Schs. Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans and specifications may be obtained from the architect's office and at the Vallejo Junior High Sch., 1347 Amador St., Vallejo, upon deposit of \$25. Plans and specifications are on file for examination at the

San Francisco and Oakland Builders Exchanges.

Bids will be opened in the office of the Board of Education, at the Vallejo Junior High School.

Sub-Contracts Awarded

SCHOOL. Cont. Price, \$117,000
SALINAS, Monterey Co., Calif.

Construction of Unit No. 2, Junior College.

Owner—Salinas Union High School District, (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Winham Street, Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—F. C. Stolte Co., 203 Pine St., Pacific Grove.

Roofing—Monterey County Roofing & Tile Co., 263 Main St., Salinas.

Plumbing, Heating and Sheet Metal—Anderson, Dougherty & Hargis Co., 225 Main St., Salinas.

Electric Wiring—Chas. A. Langlais, 472 Tehama St., San Francisco.

Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.

Glass—W. P. Fuller Co., 301 Mission St., San Francisco.

Window Shades—J. W. Fricke Co., 420 Market St., San Francisco.

Hardwood Floors—E. G. Finn.

Iron Grille Work—Engfer Iron Wrks., 535 W. San Carlos Street, San Jose.

Lumber—Thompson Lumber Co., & S. P. Mill.

Mill Work—Lanham Bros. Mfg. Co., 54 Magnolia Sts., Oakland.

Hardware—Marshall Newell Supply Co., Spear and Mission Streets, San Francisco.

Painting—Chas. F. Condart, 47 Park St., Santa Cruz.

Lathing and Plastering—Western Plastering Co., 624 Lighthouse Ave., Monterey.

Linoleum—West Coast Linoleum & Carpet Stores, 2703 Mission St., San Francisco.

Award Approved

SCHOOL, BLDG. Cont. Pr. \$55,890
IRVINGTON, Alameda Co., Calif.

Irvington School.

One-story grammar school bldg. to contain seven classrooms, gymnasium, etc.

Owner—Irvington Elementary School District.

Architect—George E. Ellinger, 1801 Casterline Road, Oakland.

Contractor—J. R. Armstrong, 834 E. Tenth Street, Oakland.

PWA has approved award of contract.

Sub-Contracts Awarded

HIGH SCHOOL. Contract Price, \$138,341
HALF MOON BAY, San Mateo Co.

One-story frame and reinforced concrete high school.

Owner—Half Moon Bay High School District, (Jos. F. George, Clerk).

Architect—Thos. M. Edwards, 9 Geary St., San Francisco.

Contractor—Frank J. Reilly Co., 6350 Fulton St., San Francisco.

Roofing—Malott & Peterson, 2412 Harrison St., San Francisco.

Plumbing and Heating—Harry Lee, 220 California Drive, Burlingame.

Electric Wiring—American Electric Const. Co., 462 Bryant Street, San Francisco.

Sheet Metal—Morrison & Co., 74-76 Duboce Ave., San Francisco.

Tile Work—The American Art Tile Co., 231 Franklin Street, San Francisco.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Misc. Iron—Industrial Iron Works, 3001 Peralta St., Oakland.

Mill Work—Minton Lumber Co., Mt. View.

Hardware—Lee Hardware Co., Inc., 151 New Montgomery Street, San Francisco.

Painting—Ferdinand Terheyden and Bros., 940 Divisadero Street, San Francisco.

Lathing & Plastering—Jesse Shay, 1636 Page St.

BIDS OPENED

ROSEVILLE, Placer Co., Calif.—W. L. Harjes, Jefferson and Vernon Sts., Roseville, at \$5,200 submitted low bid to the Roseville Union High School District, for electrical work at the high school. Plans prepared by Architect E. G. Ernst, 561 East Harding Way, Stockton.

Complete electrical bids were:

W. L. Harjes, Roseville.....\$5200

Adams Electrical Co., Auburn.....6394

Eddy Electric Co., Stockton.....7511

Bids received for plumbing and heating were rejected as too high. A. Nicholson, Vacaville, at \$4,539 submitted low bid.

16—BANKS, STORES AND OFFICES

Bids Wanted—To Close January 24, 10:00 A. M.

STORE
SACRAMENTO, Calif., 12th and D Streets.

One-story frame store building. Owner—Safeaway Stores, Inc. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Plans will be figured by a selected list of contractors to be announced shortly.

CONTRACT AWARDED

FULLERTON, Orange Co., Calif.—E. J. Herbert, 309 Malvern, Fullerton, will build a 1-story and part two-story and basement store bldg. at Amerige Ave. and Spadra Road, Fullerton, for Roy Schumacher; Sears, Roebuck & Co., lessee; cost, \$30,000. Otis freight elevator will be specified. Plans prepared by Architect Wm. H. Harrison, 1101 Architects' Bldg., Los Angeles. 16

TO START WORK

LONG BEACH, Los Angeles Co., Calif.—Ford J. Twaits Co., 816 W. 5th St., Los Angeles, will start work at once on the erection of a 2-story reinforced concrete side addition to the department store building on the S.E. corner of 6th St. and American Ave., Long Beach, for Sears, Roebuck & Co. Sub-contract for demolition has been let to the Stern-Brill Lumber and Wrecking Co., 1611 San Fernando Road, Los Angeles; cost \$400,000. Plans prepared by owner's construction department in Chicago. Oliver G. Bowen, 2835 Gilroy Street, Los Angeles, structural engineer. 16

PLANS BEING FIGURED

LOS ANGELES, Cal.—Until Jan. 13, Architects Norstrom & Anderson, 424 Insurance Exchange Bldg., Los Angeles, are taking bids for reinforced concrete and brick one-story store building to be built at the NW cor. of 43rd Place and Degman Blvd., Leimert Park, for Bates & Borland; Thrifty Drug Co., tenant. Cost, \$35,000. 16

Plans Completed

STORE
SACRAMENTO, Calif., 12th and D Streets.

One-story frame store building. Owner—Safeaway Stores, Inc. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Plans will be figured shortly by a selected list of contractors.

Contract Awarded
STORE Cont. Price \$14,873
 SACRAMENTO, Cal. 16th and H Sts.
 One-story frame store building.
 Owner—Safeway Stores, Inc.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.
 Contractor—L. F. Gould, 1623 O St.,
 Sacramento.
 (1005) 1st rep. Nov. 9; 5th, Jan. 4,
 1939. 16

Contract Awarded
STORE Cont. Price, \$12,188
 SACRAMENTO, Calif. Fourth Ave.
 and Freeport Blvd.
 One-story frame store building.
 Owner—Safeway Stores, Inc.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.
 Contractor—H. W. Robertson, 3004
 F St., Sacramento.

Contract Awarded
STORE BLDG. Cont. Pr. \$38,100
 EUREKA, Humboldt Co., Cal. P St.
 bet. Fourth and Fifth Streets.
 Reinforced concrete store building.
 Owner—William Smith.
 Architect—William E. Schirmer, 1106
 Broadway, Oakland.
 Contractor—Clarence H. Thrans, 28
 Home Place, Oakland.
 Construction includes piling work.

Planned
STORE Cost, \$.....
 LODI, San Joaquin Co., Cal. South
 School and West Walnut Sts.
 Construction of modern drive-in mar-
 ket.
 Owner—George H. Lewis Realty Co.,
 San Francisco.
 Lessee—Purty Stores, Ltd.
 Architect—Not Given.
 Construction will start upon re-
 location of buildings now on site. 16

CONTRACT AWARDED
 LOS ANGELES, Cal.—William P.
 Neil Co., 4814 Loma Vista, awarded
 contract for an addition to a stor-
 age building at 5725 Telegraph Road
 for U. S. Rubber Co., 5225 Anaheim;
 Harry T. Miller, architect, 4814 Loma
 Vista. Cost, \$86,000. 16

Sub-Contracts Awarded
ALTERATIONS Cost, \$10,000
 SAN FRANCISCO. NE Eddy and
 Jones Streets.
 After present skating rink into ball-
 room to be known as the Shall-
 mar Bowl.

Owner—W. and H. Dean.
 Architect—Withheld.
 Contractor—Karl E. R. Johnson, 3830
 O'Farrell St.
Roofing—Vincent Roofing Company.
Plumbing—Wm. P. Goss, 4640 Geary
 Blvd.

Tile Work—Marosky Co., 55 New
 Montgomery St.
Electric Wiring—Porter Electric Co.,
 1500 Church St.

Hardwood Floors—Aetna Hardwood
 Floor Co., 767 4th Ave.
Lumber—Loop Lumber Co., Central
 Basin.

Hardware—A. J. Glesener Co., 975
 Bryant St.
Painting—Schwartz & Bourbouis, 668
 Seventh St.

Lathing and Plastering—George C.
 Lester, 4114 Foothill Blvd., Oak-
 land.

Linoleum—D. N. & E. Walter Co.,
 562 Mission St.
 All of San Francisco, unless other-
 wise noted. 16

To Be Done By Days Work
ALTERATIONS
TUCSON, ARIZONA.
 Alterations and remodeling at pres-
 ent store.
 Owner and Builder—F. W. Wool-

worth Company.
 Plans by Eng. Dept. of Owner.
To Be Done By Days Work
ALTERATIONS
ROSEBURG, Oregon.
 Alterations to enlarge and remodel
 present store.
 Owner and Builder—F. W. Wool-
 worth Company.
 Plans by Eng. Dept. of Owner.

Bids In
STORE Cost, \$.....
 EUREKA, Humboldt Co., Calif. NW
 Fifth and I Streets.
 One-story store building (50x100-ft.)
 Owner—Safeway Stores, Inc.
 Architect—Newton Aciernan, 4th &
 Commercial Sts., Eureka.
 Low Bidder—Lee A. Huber & Son,
 Box 518, Eureka, \$13,065.
 Other bids were:
 Halsby & Lax.....\$13,549
 P. A. Anderson.....14,097

Contract Awarded
STORES Cost, \$.....
 SAN JOSE, Santa Clara Co., Calif.
 One-story frame store building.
 Owner—M. T. Hughes, 580 Market
 St., San Francisco.
 Architect—Angus McSweeney, 604
 Market St., San Francisco.
 Contractor—G. W. Williams Co., 10
 California Drive, Burlingame.

Prospective Bidders
STORE Cost, \$.....
 SACRAMENTO, Calif. 12th and "D"
 Streets.
 One-story frame store building.
 Owner—Safeway Stores, Inc.
 Architect—Herbert Goodpastor, Mi-
 tau Bldg., Sacramento.
 As previously reported, bids will
 be opened January 24, 10 A. M.
 Following have taken out plans:
 L. F. Gould, 1623 O Street.
 W. E. Truesdale, 2116 H Street.
 H. W. Robertson, 3004 F Street.
 Chas. F. Unger, 2426 Seventh Ave.
 Jul Johnson & Son, 1923 17th St.
 Chas. E. De Cuir, 2739 Marshall
 Way.
 All of Sacramento.

Segregated Contracts Awarded
ALTERATIONS AND ADDITIONS
BRENTWOOD, Contra Costa Co. Cal.
 Alterations and additions to Bank of
 America building.
 Owner—Capital Co., 625 Market St.,
 San Francisco.
 Plans by Const. Dept. of Owner.
Bank Fixtures—Standard Planing
 Mill, 415 X St., Sacramento.
Marble—Clervi Marble Co., 221 Bay
 Shore Blvd., San Francisco.
Electrical Work—Key and Clifford,
 4010 Foothill Blvd., Oakland.
Plastering—Wm. Makin, 2141 Liv-
 ington St., Oakland.

CONTRACT AWARDED
 LOS ANGELES CO., Calif.—Ford
 J. Twaits Co., 316 W 5th St., Los
 Angeles, awarded general contract
 at approximately \$700,000 for con-
 struction of the 5-story and base-
 ment, Class A department store bldg.
 on the NE corner of Wilshire Blvd.
 and Fairfax Ave. for The May Co.
 Total estimated cost, \$1,200,000. Al-
 bert C. Martin, 233 Higgins Bldg., Los
 Angeles, architect; Samuel A. Marx,
 Chicago, associate architect. 16

18—WHARVES & DOCKS

PROPOSED
SAN DIEGO, Calif.—David H. Ry-
 an, 1615 Fern St., San Diego, engi-
 neering contractor, has presented to
 the San Diego harbor commission a
 proposal of a syndicate of San Diego,
 Los Angeles, and San Francisco cap-
 italists to lease a 20-acre tideland

site at the foot of 28th St. for a
 shipbuilding plant with a capacity
 to handle naval ship construction
 of the type being bid on by the Navy
 Dept. Feb. 15, when bids for two
 6500-ton cruisers will be opened.
 Two other cruisers of the same type
 will be bid on before summer. The
 estimated cost of the proposed plant
 is \$500,000. Harbor commissioners
 state that no action on the lease will
 be taken until after a conference
 with Mr. Ryan and his associates. 18

19—MISC. CONSTRUCTION

CONTRACT AWARDED
 LOS ANGELES, Cal.—Myers Bros.
 3407 San Fernando Road, awarded
 contract to erect sound stage at Uni-
 versal City for Universal Picture Co.;
 Steve Barnes, engineer, 803 W 3rd
 St. Cost, \$225,000. 19

BIDS OPENED
COLORADO-BIG THOMPSON
PROJECT, Colo.—W. O. Allison Co.,
 Grand Junction, Colo., at \$31,980.50,
 submitted the low bid to Bureau of
 Reclamation, Denver, for furnishing
 labor and materials for construction
 of transmission line from Green Mt.
 Dam to Grand Lake, Colo., Colorado-
 Big Thompson project, Colo., Spec.
 1161-D. The transmission line will
 be a 69,000 volt, 3 phase, single cir-
 cuit, 60 cycle, wood pole, H-frame
 transmission line, approx. 5 1/2 miles
 in length, including branch line 4 1/2
 miles long to the site for the Granby
 pumping plant. The conductors will
 be 4/10 ACSR. Schedule is prepared
 on the basis of unit prices for con-
 structing 426 pole structures of vari-
 ous types, attaching X-braces, con-
 structing guys, placing plate and
 rock anchors and stripping conduc-
 tors. Porter J. Preston, supervising
 engineer.

Other bids were:
 Larson Constr. Co., Denver, \$33-
 947.60.
 Vetter & Son and Thomas J. Fairles,
 Colorado Springs, \$38,833.25. 19

BIDS WANTED
PORTLAND, Oregon.—Until Jan.
 19, 3:00 P. M., bids will be received
 by the U. S. Engineer Office, 628
 Pittock Block, Portland, under Bid
 No. 698-39-314, for drydocking, clean-
 ing, painting and repairing U. S. sea-
 going hopper dredge Col. P. S.
 Michie.
 Plans and specifications may be
 obtained from the above office. 19

BIDS WANTED
BOISE PROJECT, Idaho.—As pre-
 viously reported, until Jan. 20, 10 A.
 M., bids will be received by the
 U. S. Bureau of Reclamation, Boise,
 Idaho, under Spec. No. 1169-D, for
 the construction of earthwork, "A"-
 line canal laterals 10.7 to 19.9, Pay-
 ette division, Boise Project, Idaho.
 The work is located near New Ply-
 mouth, Idaho. Some of the laterals
 will be furnished by the Govern-
 ment.

Work involves:
 (1) 148,000 c.y. excav., common, for
 laterals;
 (2) 100 c.y. excav., rock for laterals;
 (3) 2,000 sta. c.y. of overhaul.
 Plans and specifications may be ob-
 tained from the above office and
 from the office of the Bureau of
 Reclamation, Denver; no charge to
 prospective bidders, to others, \$1.00,
 not returnable. 19

TO ASK BIDS SHORTLY
BUTTE AND GLENN COUNTIES,
Calif.—Butte and Glenn County Su-

supervisors will ask for bids shortly for the construction of a new Ord ferry across the Sacramento river between the two counties, at a cost not to exceed \$10,000. 19

PLANNED

LOS ANGELES, Cal.—Bechtel-McCone-Parsons, 601 W 5th St., Los Angeles, expect to start work early in February on the construction of a cold acid treating plant at the Watson refinery of the Richfield Oil Co. Improvements will include a structural steel building with Transite exterior, refinery equipment and piping; cost \$500,000. Plans are being prepared by the Stafford Engineering Co., Kansas City, Mo. 19

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until Jan. 27, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1172-D, for furnishing and delivering structural steel for the cover section of the diversion tunnel for the temporary relocation of the Southern Pacific Railroad, Kennett division, Central Valley Project; f.o.b. shipping point and/or Coram, Calif. The material will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable.

BIDS WANTED

TUCSON, Pima Co., Arizona.—Until January 20, 8 A. M., bids will be received by the Tucson city council for the reconstruction of the Northside pumping plant building, revision and installation of piping and electrical equipment, installation of three new booster pumps, construction of two new booster pump stations, and elevated storage tank, Unit No. 5 of the city—PWA Waterworks Project, in accordance with plans and specifications which may be obtained from the water superintendent, Phil J. Martin, Jr., upon deposit of \$25, returnable. Certified or cashier's check or bid bond for 10%. R. E. Butler, city manager. The total estimated cost is \$110,000, of which \$80,000 is for the tank and \$30,000 for the pumping equipment. John A. Carollo, consulting engineer. 19

TO START WORK

LOS ANGELES, Calif.—Stanton-Reed Co., Architects' Bldg., will start work at once on the construction of a baseball park on a 10-acre tract on Beverly Blvd., near Fairfax Ave., for the Hollywood Baseball Club; Victor Ford Collins, president. Improvements will consist of a wood frame grandstand to seat 12,500 persons, and a redwood fence; cost \$140,000. Earl T. Heitschmidt, architect, 808 Subway Terminal Bldg. 19

20—MISC. SUPPLIES AND MATERIALS

BIDS CANCELLED

CENTRAL VALLEY PROJECT.—U. S. Bureau of Reclamation, Sacramento, cancelled the call for bids under Bid No. K-3003-A, for deformed intermediate grade billet steel reinforcement bars for concrete; f.o.b. Redding. Bids were to have been opened Jan. 16. 20

BIDS WANTED

SAN MATEO COUNTY, Calif.—Until Jan. 27, 10:00 A. M., bids will be received by Frederick Peterson, San Mateo County Purchasing Agt., Court House, Redwood City, for gasoline, kerosene, fuel oil, diesel burn-

er oil, diesel fuel oil, diesel engine lubricating oil, greases, and lubricating and misc. oils.

Plans and specifications may be obtained from the above office. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Henry Cowell Lime & Cement Co., 81 Franklin Street, Oakland, at \$1,564,752 net, awarded contract by the Forest Service Supply Depot, Government Island, under Bid No. 6283, for 150 barrels Portland cement; fob Cowell. 20

CONTRACT AWARDED

COLUMBIA BASIN PROJECT.—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco, at \$44,370 awarded contract by the Bureau of Reclamation, Custom House, Denver under Bid No. A-38,215-A, for 1,700,000 pounds of ¾-inch base size bars; fob Odair, Washington. 20

COMPLETE BIDS

COLORADO-BIG THOMPSON PROJECT, Colo.—W. O. Allison Co., Grand Junction, Colo., at \$3,960,50, submitted the low bid to Bureau of Reclamation, Denver, for furnishing labor and materials for construction of transmission line from Green Mt. Dam to Grand Lake, Colo., Colorado-Big Thompson project, Colo., Spec. 1161-D. The transmission line will be a 69,000 volt, 3 phase, single circuit, 60 cycle, wood pole, H-frame transmission line, approx. 5½ miles in length, including branch line 4½ miles long to the site for the Granby pumping plant. The conductors will be 4/0 ACSR. Schedule is prepared on the basis of unit prices for constructing 426 pole structures of various types, attaching X-braces, constructing guys, placing plate and rock anchors and stripping conductors. Porter J. Preston, supervising engineer.

Total bids follow:

W. O. Allison Co., Grand Junction, Colo.,	\$31,960.50
Larson Const. Co., Denver, Colo.,	33,847.60
Vetter and Son, and Thomas J. Falres, Colorado Springs, Colo.,	38,833.25
Frank M. Kenney, Denver, Colo.,	39,955.50
Federal Engineering and Const. Co., Kansas City, Missouri,	46,694.00
The Driscoll Const. Co., Pueblo, Colo.,	85,495.70

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Collins Concrete & Steel Pipe Co., Portland, Ore., at \$3,654.60 awarded contract by the U. S. Bureau of Reclamation, 208 Old Post Office Bldg., 7th and K Sts., Sacramento, under Bid No. K-2962-A, for corrugated metal pipe and 12-in. coupling bands; fob shipping point and/or Coram.

Total bids follow:

Collins Concrete & Steel Pipe Co., Portland, \$3,654.60; net 30 days; fob Coram.	
Western Pipe & Steel Co. of Calif., San Francisco, \$3,597.10; ½ of 1% 10 days; fob South S. F.	
California Corrugated Culvert Co., Berkeley, \$3,742.82; ½ of 1% 10 days; fob Berkeley.	20

BIDS OPENED

COLORADO-BIG THOMPSON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1160-D, for furnishing and delivering structural steel for one steel warehouse at Granby, Colorado, Colorado-

Big Thompson project, Colorado; f.o.b. shipping point and/or Granby, Colo. The building will be approx. 55 ft. 2 inches by 142 ft. 2 inches in size. The concrete foundations will be constructed and the building will be erected by the Government.

Total bids follow:

Mississippi Valley Structural Steel Co., Melrose Park, Ill., \$9,815.00; net; f.o.b. Granby, Colo.	
American Bridge Company, Denver, Colo., \$8,465.00; net; f.o.b. Gary, Ind., and Chicago, Ill.	
Duffin Iron Company, Chicago, Ill., \$9,000.00; net; f.o.b. Chicago.	
Worden-Allen Company, Milwaukee, Wisc., \$9,937.00; ½ 30 days; f.o.b. Milwaukee.	
Midland Structural Steel Company, Cicero, Ill., \$9,500.00; ½ 30 days; f.o.b. Cicero.	
Lincoln Steel Works, Lincoln, Neb., \$10,083.00; net; f.o.b. Omaha, Nebraska.	
The Midwest Steel and Iron Works Co., Denver, Colo., \$9,400.00; ½ 30 days; f.o.b. Granby, Colo.	
Minneapolis Moline Power Imp. Co., Denver, Colo., \$9,800.00; net; f.o.b. Minneapolis, Minn., and Denver, Colo.	
Bethlehem Steel Company, Chicago, Ill., \$8,200.00; net; f.o.b. Chicago.	
Joseph T. Ryerson & Son, Inc., Chicago, Ill., \$8,679.00; net; f.o.b. Chicago.	
Pittsburgh Des Moines Steel Co., Des Moines, Iowa, \$9,167.00; ½ 30 days; f.o.b. Des Moines; Denver, Colo.; St. Louis, Mo.	
Victor Iron Works, St. Louis, Mo., \$9,444.00; net; f.o.b. St. Louis.	
Sylvester Sternberg, Inc., Brooklyn, New York, \$9,178.00; ½ 30 days; f.o.b. Brooklyn and Banby, Colo.	
Paxton and Vierling Iron Works, Omaha, Neb., \$9,420.00; ½ 30 days; f.o.b. Omaha; Chicago, Ill.; Youngstown, Ohio.	
Wendnagel and Company, Chicago, Ill., \$8,450.00; net; f.o.b. Chicago.	20

BIDS OPENED

OAKLAND, Cal.—Simplex Wire & Cable Co., 396 4th St., San Francisco, at \$3,032.70 submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 35,000 feet of cable for the Electrical Department.

Total bids follow:

Simplex Wire & Cable Co., \$3,032.70	
John A. Roebeling's Sons Co., 3,107.89	
Madewell Mfg. Co., 3,111.23	
General Electric Company, 3,113.29	
General Electric Sup. Corp., 3,113.29	
General Cable Corp., 3,123.45	
Westinghouse Elec. Supply, 3,123.45	
State Electric Supply, Ltd., 3,123.68	
The Electric Corp., 3,123.68	
Incandescent Supply Co., 3,123.68	
Columbia Steel Company, 3,123.68	20

BIDS WANTED

BRISBANE, San Mateo Co., Calif.—Until Jan. 24, 7 P. M., bids will be received by the Visitation Elementary School District, Ethel Jonas, Clerk, for furnishing equipment for the Brisbane School, at Brisbane. Specifications may be obtained from the Clerk at the Brisbane School, upon deposit of \$5, returnable.

Bids must be accompanied by certified or cashier's check for 10% of bid payable to the Board of Trustees of the Visitation Elementary School District.

(1329)

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Play-grounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

SPOKANE COUNTY, Washington.
—As previously reported, until Feb. 1, bids will be received by Clarence Griggs, Spokane County Engineer, for a reinforced concrete cellular deck (hollow girder) bridge, G. N. tracks at Francis and Market, 488 ft. long; 24 ft. roadway with 4 ft. sidewalk on either side, cement rails, earth approaches with concrete sidewalks, asphalt road bed. Footings on bridge 25 ft. maximum height. Eight spans, three 45 ft, two 70 ft, three 71 ft. Preliminary work was started before December 31 to get under PWA deadlines. Structure is financed by PWA grant of \$27,000, G. N. and county funds. Estimated cost, \$60,000.

Plans and specifications may be obtained from the above office. * 21

CONTRACTS AWARDED

SEATTLE, Kings Co., Wash.—Contracts for construction of the Laks Washington pontoon bridge project between Seattle and Mercer Island, were awarded by Washington State Toll Bridge Authority, Olympia, Wash. The awards are as follows:
Unit 1, to Northwest Constr. Co., Seattle \$357,009.

Unit 2, to Bates & Rogers Constr. Corp., Chicago, \$1,422,737.

Unit 3, to General Constr. Co., and Columbia Constr. Co., of Seattle and Bonnevillie, \$460,470.

Unit 4, to Puget Sound Bridge & Dredging Co., J. H. Pomeroy & Co. Inc., and Parker-Schram Co., combined bid, \$3,253,597.

Unit 5, to Puget Constr. Co., Seattle, \$465,147.

Unit 6, to Florio Brothers, Inc., Seattle, \$265,742.

Unit 7, to Dally Constr. & Engrg. Co., Seattle, \$275,195.

Unit 8, to N. Florito, Inc., Seattle, \$253,151.

Unit 9, to Puget Constr. Co., Seattle, \$527,010.

Unit 10, to N. Florito, Inc., Seattle, \$92,836.

Unit 11, to Rumsey & Co., Seattle, \$609,175.

On two of the units, numbers 3 and 6, the awards were made to the second low bidders. On all others the contracts went to the low bidders. * 21

LOW BIDDER

SAN BERNARDINO COUNTY, Cal.
—G. E. Kerns, 3712 Gaviota Avenue, Long Beach, at \$44,964.50, submitted low bid to the State Division of Highways, C. H. Purcell, State High-

way Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge across San Antonio Wash and about 0.2 mile of grading and paving with asphalt concrete about one-eighth mile east of Los Angeles County line (VIII-SBD-26-C), San Bernardino County.
Complete bids will be published shortly. * 21

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bid will be opened in Los Angeles on Jan. 26, 1939.

VII-LA-168-C. Undergrade crossing under the tracks of the AT & SF Railway Company at Chapman Station on Rosemead Blvd. **PLANS**—No. of Sheets 29, cost \$4.40; **CROSS-SECTIONS**—No. of Sheets, 28, cost \$2.80, total \$7.20.

XI-S-D-12-LMsa. Overhead structure over the San Diego and Arizona Eastern Railroad at La Mesa. **PLANS**—No. of Sheets 9, cost \$1.40; **CROSS-SECTIONS**—No. of Sheets, none; total \$1.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif. * 21

LOW BIDDER

PLUMAS COUNTY, Calif.—M. A. Jenkins, 3560 Y St., Sacramento, at \$7,636.00, submitted low bid and was awarded contract by the Plumas Co. Board of Supervisors, John Donner-wirth, Clerk, Quincy, for the construction of the Arlington bridge.

Total bids follow:
M. A. Jenkins, Sacramento.....\$7,636.00
O. G. Wardlow, Greenville.....9,463.00
A. A. Tieslau, Berkeley.....11,938.00
George Pollock Co., Sacramento14,692.00
E. T. Lesure, Oakland17,163.00
* 21

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of three viaducts, consisting of reinforced concrete spans on reinforced concrete bents and abutments, between Lake Street

and Golden Gate Bridge approach, San Francisco.

- Work involves:
- (1) 1 lot existing garages removed;
 - (2) 6,600 cu. struc. excav.;
 - (3) 1,497,000 lbs. bar reinf. steel;
 - (4) 89 cu. yd. Class A Portland cement concrete footing blocks;
 - (5) 6,720 cu. yd. Class A Portland cement concrete struc.;
 - (6) 25 cu. yd. Class B Portland cement concrete;
 - (7) 4,280 l.f. furnish treated Douglas fir piles;
 - (8) 142 each driving treated Douglas fir piles;
 - (9) 9,700 lbs. misc. iron and steel;
 - (10) 2,390 l.f. steel rail viaducts;
 - (11) 68 l.f. steel railing sub-station;
 - (12) 10 l.f. 8-inch CMP;
 - (13) 140 l.f. 12-inch CMP;
 - (14) 120 l.f. 8-in. perf. metal pipe underdrains;
 - (15) 20 cu. yd. rock filling material underdrains;
 - (16) 146 l.f. 4-in. glazed vit. clay pipe;
 - (17) 146 l.f. 5½-in. merchant casing;
 - (18) 708 l.f. 8¼-in. merchant casing;
 - (19) 444 l.f. 12½-inch do;
 - (20) 646 sq. yds. gunite;
 - (21) 1 each double steel door;
 - (22) 1 each steel gate;
 - (23) 280 lbs. copper strips;
 - (24) 1 lot remove and relocate wire lines;
 - (25) 1 lot elec. equipment;
 - (26) 46 each furnish electrolers;
 - (27) 1 lot misc. items of work;
 - (28) 1 lot engineers offices.

Plans and specifications may be obtained from the above office. * 21

CONTRACT AWARDED

MERCED COUNTY, Calif.—A. A. Tieslau, 2819 Telegraph Ave., Berkeley, at \$14,134.50 awarded contract by the State Division of Highways, Frank W. Clark, State Director of Public Works, Sacramento, for re-constructing and widening a bridge across Fresno River about 17.4 miles east of Los Banos, District X, Route 32, Section C, Merced County. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

PORTLAND, Multnomah Co., Ore.—Port of Astoria at \$15,680 awarded contract by the Army Dept., Engineering Division, Washington, D. C., for dredging channel 200 ft. wide, 28 ft. deep at low water, Westport Slough, tributary of Columbia River, about 70 miles below Portland. Involves about 196,000 cu. yd. of dredging and disposal of dredged material. * 22

CONTRACT AWARDED

LINCOLN COUNTY, Ore.—Kuckenberg Constr. Co., 11104 NE Holman St., Portland, at \$25,857, awarded contract by the U. S. Engineer Office, 628 Pittcock Block, Portland, under Bid No. 698-39-284, for excavation in connection with improvement of the entrance and inner harbor at DePoe Bay, Lincoln Co., Ore. * 22

BIDS OPENED

OXNARD, Ventura Co., Cal.—Bids for construction of works for harbor development at Point Hueneme, Ventura County, were opened by the Oxnard Harbor District, Oxnard. Nine bids were received and the proposals

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

were referred to Mr. Barnard of the firm of Quinton, Code & Hill-Leeds & Barnard, consulting engineers, for computation of freight rates on rock, analysis of the figures and report. The bid of the Hydraulic Dredging Co. of Oakland, was qualified to provide that work would not start until September but agreed to complete the work according to specifications. The bids are printed below as read but the engineer's analysis may change their relative positions. The items and quantities follow:

- SCHED. 1—Dredging
(1) 4,250,000 cu. dredging;
SCHED. 2—West Jetty
(2) 38,000 tons Class A stone;
(3) 24,000 tons Class B stone;
(4) 3,000 tons Class C stone;
SCHED. 3—East Jetty
(5) 26,000 tons Class A stone;
(6) 20,000 tons Class B stone;
(7) 4,000 tons Class C stone;

- SCHED. 4—Concrete Foundation for Beacon Lights on Jetties
(8) 80 cu. relmf. concrete;
SCHED. 5—Revetment Work in Entrance Channel and Central Basin and Slip
(9) 17,000 tons revetment stone at wharf;
(10) 39,000 tons revetment stone at Central Basin and Entrance Channel.

The bids follow:

- SCHEDULE 1
Hydraulic Dredging Co., (1) \$1,023; total, \$434,775.
Standard Dredging Co., (1) \$117; total \$497,250.
American Dredging Co., (1) \$1,348; total, \$572,900.
Case Const. Co., (1) \$1,274; total, \$541,450.
San Francisco Bridge Co., (1) \$1,275; total, \$541,875.

- SCHEDULE 2
Baruch Corp., (2) \$226; (3) \$214; (4) \$148; (total) \$141,684.
Standard Dredging Co., (2) \$256; (3) \$256; (4) \$256; (total) \$166,400.
American Dredging Co., (2) \$299; (3) \$299; (4) \$299; (total) \$196,350.

- United Concrete Pipe Corp., (2) \$4; (3) \$3.45; (4) \$2; (total) \$240,800.
Geo. Pollock Co., (2) \$3; (3) \$2.90; (4) \$2.50; (total) \$258,000.
Case Const. Co., (2) \$4.50; (3) \$4.30; (4) \$4.30; (total) \$277,100.

- SCHEDULE 3
Baruch Corp., (5) \$217; (6) \$2.05; (7) \$1.39; (total) \$102,980.
Standard Dredging Co., (5) \$2.56; (6) \$2.56; (7) \$2.56; (total) \$130,000.

- Geo. Pollock Co., (5) \$3; (6) \$2.90; (7) \$2.50; (total) \$146,000.
Pacific Rock & Gravel Co., (5) \$2.99; (6) \$2.99; (7) \$2.99; (total) \$149,500.
United Concrete Pipe Corp., (5) \$4; (6) \$3.45; (7) \$2; (total) \$181,000.
Case Const. Co., (5) \$4.50; (6) \$4.30; (7) \$4.30; (total), \$220,200.

- SCHEDULE 4
Case Const. Co., (8) \$25; (total) \$2000.
Baruch Corp., (8) \$28; (total) \$2240.
Standard Dredging Co., (8) \$30; (total) \$2400.
Geo. Pollock Co., (8) \$30; (total) \$2,400.00.
United Concrete Pipe Corp., (8) \$40; (total) \$3200.
American Dredging Co., (8) \$50; (total), \$4000.

- SCHEDULE 5
Baruch Corp., (9) \$2.16; (10) \$2.16; (total) \$120,980.
Standard Dredging Co., (9) \$2.56; (10) \$2.56; (total) \$143,360.
Geo. Pollock Co., (9) \$2.85; (10) \$2.85 (total) \$159,600.
American Dredging Co., (9) \$2.99; (10) \$2.99; (total) \$167,440.
Case Const. Co., (9) \$4; (10) \$3.70; (total) \$212,300.

United Concrete Pipe Corp., (9) \$1; (10) \$4; (total) \$224,000.

23— CANALS

BIDS WANTED

SUISUN, Solano Co., Calif.—Until Jan. 17, bids will be received by the Suisun City Council, Suisun, for the construction of a levee around the area between the Southern Pacific right-of-way, Union Ave. and Common St.

Plans and specifications may be obtained from the above office.

LOW BIDDERS

YAKIMA PROJECT, Wash.—Natt McDougall Co., Portland, Oregon, at \$211,445 (Schedule 1) and Macri Bros. and L. Coluccio, Seattle, at \$152,402 (Schedule 2) submitted a combination low bid of \$363,547, to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 815, for the construction of a earthwork, canal lining, and structures, station 1952 to station 2387, Yakima Ridge canal, Roza division, Yakima project, Wash. The work is located near Yakima, Washington.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until Jan. 23, 3:00 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the construction of concrete lining, concrete pipe and appurtenant concrete structures in the canals and service ditches of the Modesto Irrigation District.

Plans and specifications may be obtained from the above office.

COMPLETE BIDS

SHOSHONE PROJECT, Wyoming.—Complete bids submitted to the U. S. Bureau of Reclamation, Cody, Wyo., under Spec. No. 814, for the construction of the Shoshone River siphon and the Buck Springs Creek siphon, Heart Mountain, canal, Heart Mountain division, Shoshone Project, Wyo., are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco.

24—STREET LIGHTING

January 6, 1939

CONTRACT AWARDED

MERCED, Calif.—Dutra's Electric Service, 525 17th, Merced, at \$1,681.21, awarded contract by the Merced City Council, W. T. Clough, City Clerk, City Hall, Merced, for installing automatic traffic signals at the intersection of 16th and M Streets.

Total bids follow:

Dutra's Electric Service, Merced	\$1,681.21
Robinson's Electric, Fresno	1,873.00
Sanitary Plumbing Co., Merced	1,960.00
Bennett & Taylor, Los Angeles	2,080.50
Underground Const. Co., Oakland	2,292.50

25— MACHINERY AND EQUIPMENT

BIDS OPENED

MERCED, Merced Co., Cal.—Dutra's Electric Service, 534 J Street, Merced, \$1,681.21 submitted low bid

to Merced City Council, W. T. Clough, City Clerk, City Hall, for the installation of an automatic traffic signal at the corner of 16th and M Streets.

Total bids follow:
Dutra's Elec. Serv., Merced, \$1,681.21.
Robinson Elec. Co., Fresno, \$1,873.00
Sanitary Pblg. Co., Merced, \$1,960.00
Bennett & Taylor, Los Angeles, \$2,080.50.
Underground Const. Co., Oakland, \$2,292.50.

AWARD RECOMMENDED

LOS ANGELES, Calif.—Phillips & Davies, Inc., at \$58,000 recommended for award of contract by U. S. Engineer, Los Angeles, for six service gates shipped from Kenton, Ohio, on government bill of lading for Prado Dam; Invit. 184.

BIDS WANTED

DENVER, Colo.—Until Jan. 20 bids will be received by the U. S. Bureau of Reclamation, Denver, under Proj. E-47418-A, for four 8-ton capacity, single motor, double-girder, overhead traveling crane, with hand-gear bridge travel, hand-gear trolley, and motor-operated hoist.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

OAKLAND, Calif.—United Iron Works, 580 Second Street, Oakland, at \$2,768, submitted the only bid and was awarded contract by the Oakland Port Commission, Foot of Grove Street, Oakland, for furnishing and installing low list draining pump for Oakland Airport.

BIDS WANTED

WASHINGTON, D. C.—Until Jan. 16, bids will be received by the Purchasing Agent, Post Office Department, Washington, D. C., under Pro. No. 1538, for screen line equipment for the post office, Rio Vista, Calif.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

OAKLAND, Cal.—Boiler Tank and Pipe Co., 800 75th Ave., Oakland, at \$11,470 awarded contract by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Bid No. LS 224, for furnishing and erecting one 1,000,000-gallon steel water tank at Point San Pablo tank site.

BIDS WANTED

PORTLAND, Oregon.—Until Feb. 9, 10:30 A. M., bids will be received by the Bonneville Project, 811 N.E. Oregon, for conductor, deadends, connectors, equipment-tools for river crossing. Work involves (1) 24,500 ft. conductor for Bradford Island, (2) 107,000 ft. for Columbia-Willamette Section, Bonneville-Vancouver and Vancouver-Eugene lines.

Plans and specifications may be obtained from the above office.

BIDS OPENED

COLUMBIA BASIN PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1163-D, for furnishing and delivering eighteen cast-steel, draft-tube pier noses for the Grand Coulee power plant, Columbia Basin Project, Wash., for shipping point and/or Oadir, Wash. The pier noses will be installed by the Government.

Total bids follow:
The American Rolling Mill Co., Middletown, Ohio, \$18,669.20; 1/4% 30 days; fob Middletown.

Hardie-Tynes Mfg. Co., Birmingham, Ala. \$20,782; net; fob Milwaukee, Wis.

Enterprise Foundry Co., San Francisco, \$11,070; net; fob San Francisco.

Continental Roll & Steel Foundry Co., Pittsburgh, Pa., \$22,050; net; fob East Chicago, Ind.

Bethlehem Steel Co., Bethlehem, Pa., \$25,525; 1/2% 30 days; fob Bethlehem.

Pacific Car & Foundry Co., Seattle, \$29,465; net; fob Renton, Wash.

Eric Forge Co., Erie, Pa., \$19,800; 1/2% 30 days; fob Erie.

John W. Beam, Denver, \$20,750; 1/2% 30 days; fob Milwaukee.

Columbia Steel Co., San Francisco, \$25,706; 1/2% 30 days; fob Odir, Washington.

BIDS OPENED

BOULDER CANYON PROJECT—General Electric Co., Schenectady, N. Y., at \$376,350, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 818, for furnishing and delivering three 55,000-kva. 60-cycle, single-phase, oil-immersed, water-cooled, 16,320 to 166,000/287,500 Y-volt transformers for units A-1 and A-2 in the Boulder Power Plant, Boulder Canyon project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nevada. All of the apparatus will be installed by the Government.

Total bids follow:
General Electric Co., Schenectady, N. Y., \$376,350, net, f.o.b. Boulder City, Nev.

Allis-Chalmers Mfg. Co., Milwaukee, Wisc., \$388,050, net, f.o.b. Boulder City, Nev.

Westinghouse Electric & Mfg. Co., Denver, Colo., \$393,500, net, f.o.b. Boulder City, Nev.

27—WPA PURCHASES, RENTALS

BIDS WANTED

SAN FRANCISCO.—Until Jan. 17, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, for furnishing materials and supplies, as follows:
BID NO. 6848: Concrete and river sand, crushed rock; fob Letterman General Hospital, San Francisco.

BID NO. 6849: Granite; fob 3 Potrero Ave., San Francisco.

BID NO. 6850: Terra cotta statuettes; fob Beach and Larkin Sts., San Francisco.

BID NO. 6853: Bars, cesspools, traps, ells, tubing, Y branches, stops, nipples, tees, W. I. pipe, caps, lead, bath tubs, closets, shower, cabinets, shelves, sinks, etc.; fob Fort McDowell, San Francisco.

BID NO. 6854: Special projection apparatus; fob 216 Market St., San Francisco.

BID NO. 6857: Steel pipe elbows, heaters, plates, straps, etc.; fob 900 19th Ave., Oakland.

BID NO. 6858: Lava'ories, closets, urnals, sinks, fountains, holders, seats, valves, putty, screws, anchors, toggle bolts, drills, bolts, bushings, etc.; fob Moscow St. and Geneva Ave., San Francisco.

BID NO. 6859: Concrete sewer pipe; fob Chowchilla.

BIDS OPENED

SAN FRANCISCO.—Bids received as follows by the U. S. Treasury Department, 49 Fourth St., San Francisco, under Bid No. 6860, for fur-

nishing 750 tons of concrete mix; fob Oakland:

Rhodes & Kennedy: \$1,575; \$1181.25; 2% 30.

General Bldg. Mat. Co.; Contra Costa Bldg. Mat.; Rhodes & Jamieson; Albert C. Moe; Charles S. Hughes; Melrose Bldg. Mat.; Alta Bldg. Mat.; and Henry Cowell: identical.

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
BID NO. 6803: San Leandro Rock: \$1.15; \$977.50; net; macadam material.

BID NO. 6800: Charles S. Hughes: \$352.35; 2% 30; aggregates.

BID NO. 6787: Loop L. C.: \$2324.48; 2% 30; lumber.

BID NO. 6788: F. Granzotto: \$1.60; \$920; 2% 20; aggregates.

BID NO. 6736: Yellow Truck and Coach Mfg. Co.: \$2875 net; truck; Trailer Co. of America: \$1330; 2% 20; two trailers.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 18, 10 A. M., bids will be received by the U. S. Treasury W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, under Bid No. 6861, for the following equipment:

- Lot 1—fob Thornton
- (1) 1 John Deere Hammer Mill, with 6 screens;
 - (2) 1 case 17x22-inch Hay Baler equipped with 20-h.p. Waukesha 4-cylinder gasoline motor;
 - (3) 1 McCormick Deering No. 8 Little Genius Tractor;
 - (4) 2 John Deere No. 902-S Farm Truck Trainers;
 - (5) 1 McCormick Deering No. 4-A All-steel Manure Spreader with steel end gate;
 - (6) 1 D2 Caterpillar 25-drawbar h.p. Tractor;
 - (7) 1 BNH John Deere Tractor;
 - (8) 1 John Deere Power Mower Attachment;

- (9) 1 McCormick Deering 12-foot Self-Dump Hay Rake;
 - (10) 1 Case 8-ft. adjustable Double Disc.
- (11) 1 John Deere Side Delivery Rake.

- Lot 2—fob Winters
- (1) 1 John Deere No. 902-S Farm Truck Tractor;
 - (2) 1 Oliver Row Crop No. 70-KD Tractor;
 - (3) 1 BNH John Deere Tractor;
 - (4) 1 John Deere Power Mower Attachment;
 - (5) 1 McCormick Deering 12-foot Self-Dump Hay Rake;
 - (6) 1 Case 8-ft. adjustable double disc.

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6783: Du Pont: \$352.50; net; blasting supplies.

BID NO. 6779: Diamond Match Co.: \$262.50; net; Portland cement.

BID NO. 6778: Western Pipe and Steel: \$1200.48; 1/2 of 1%; culvert and couplers.

BID NO. 6777: Hayward Bldg. Material: \$390; net; liquid asphalt.

BID NO. 6776: John Graf: \$837.50; net; aggregates.

BID NO. 6749: P. E. O'Hair: \$324.18; 2%-30; pipe.

BID NO. 6738: Rolph Mills: \$327.30; 1%-20; metal partitions.

BID NO. 6713: Gladding McBean: \$762.71; 2%-20; tile.

BID NO. 6701: Lee J. Immel: \$260; 1%-30; liquid asphalt.

BID NO. 6700: General Elec. Supply Corp.: \$655.88; var. disc.; elec. supplies.

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
BID NO. 6795: Calif. Pottery Co.: \$848.23; 2%-30; sewer pipe.
BID NO. 6793: San Joaquin Brick Co.: \$2,014.90; net; gravel.
BID NO. 6781: Central Supply: \$430; 2%-30; aggregates.
BID NO. 6779: United Conc. Pipe Co.: \$2030; 2%-30; conc. pipe.
BID NO. 6773: H. V. Carter Co., Inc.: \$70; net; rental—tractor.

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, for furnishing materials and supplies, as follows:
JANUARY 16, 10 A. M.:

BID NO. 6823: Douglas, redwood, ponderosa pine; fob Stockton;

BID NO. 6842: Steel, ridge cap, nails; fob Benicia;

BID NO. 6843: Asphalt primer, dust; fob Fresno.

BID NO. 6844: Concrete pipe; fob Coolidge and Carmel Sts., Oakland;

BID NO. 6845: C. I. pipe, valves, rings, gaskets and glands, flanges bolts, ells, tees, couplings, etc.; fob Stockton;

BID NO. 6845: Panelboard, switch, fuses, wire, conduits, connectors, paste, fixtures, etc.; fob Ft. McDowell;

BID NO. 6847: Insulators, connectors, wire, straps, switches, brackets, fixtures; fob Fort Scott.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 16, 10:00 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, under Bid No. 6827, for the rental of one portable centrifugal pump, gas engine driven, to be equipped with 20 feet of 2-inch suction hose with foot valve and 200 feet of 2-inch discharge hose; f.o.b. Mills Field, San Mateo County.

BIDS OPENED

SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6795: (1,386 l.f. vit. clay sewer pipe; Santa Clara) Calif. Pottery Co.: 2% 30; \$0.612; \$848.23.

Gladding, McBean; N. Clark and Sons; and Gladding Bros.; same.

BID NO. 6791: (rental—tandem roller; Moffett Field)

E. F. Mitchell: \$134; \$169; \$2014.90; net.

Yolo Gravel Co.: 10c-10th prox.; \$2.25; \$2.25; \$3060.

San Joaquin Brick Co.: \$1.34; \$1.69; \$2014.90; net.

Pac. Coast Aggregates: 10c-10th prox.; \$1.44; \$1.78.

Calif. Rock and Gravel: \$1.80; \$2.00; \$2558; 10c-30.

BID NO. 6786: (575 tons aggregates; Oakland)

F. Granzotto, Walnut Creek: \$160; \$920; 2% -20.
 Melrose Bldg. Mat.: \$2,025; \$1164.-35; 2% -30.
 Central Bldg. Mat.; Chas. S. Hughes; Albert C. Moe; Contra Costa Bldg. Mat.; Transit Concrete; Rhodes; and Jamieson; Powell Bros.; Golden Gate Stucco; Aita Bldg. Mat.; Rhodes & Kennedy; and Henry Cowell; same.
 BID NO. 6791: (rental—roller; Moffett Field)
 Lee J. Immel: \$275; net.
 Independent Const. Co.: \$300; net.
 Eaton and Smith: \$292; net.
 Edw. R. Bacon: \$325; net.
 Spears-Wells Mch. Co.: \$310; net.
 P. B. Hackley Equipment: \$345; net.
 BID NO. 6784: (210 bbls. Portland cement; Santa Margarita) So. Pacific Milling Co.: \$2.75; \$577.-50; net.
 Henry Cowell; same.
 Walter S. Roseff: \$2.90; \$600; 10c-10th prox.
 Pacific Coast Aggregates: \$2.85; \$598.50; 10c-30.
 BID NO. 6785: (paint supplies; Oakland)
 W. P. Fuller & Co.: \$323.66; 1% -30.
 G. M. Goldberg: 1% -30; 2% -20; \$380.70.
 Sherwin-Williams: 1% 20; \$360.50.
 Paraffine Cos.: part. bid; no total.
 Standard Dist. Co.: 1% -30; \$19 (4).
 Frank W. Dunn: 1% -20; \$349.72.
 Pac. Paint and Varnish: \$332.70; part. bid; net.
 BID NO. 6787: (redwood lumber; Dinuba)
 Dinuba L. C.: \$2315.83; 1% -30.
 Loop L. C.: \$2244.8; 2% -30.
 Visalia L. C.: \$2383; net.
 M. Kellner and Son L. C.: \$2341.76;

BIDS OPENED

SAN FRANCISCO.—The following bids were opened by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6792 (500 c.y. creek run gravel; Martinez):
 Rock & Gravel Trucking Co.: \$2.95; net; \$1475.
 Antioch Bldg. Mat.: \$3.25; net; \$1625.
 BID NO. 6780 (200 c.y. creek run gravel; Concord):
 Forrest Gelg, Concord: \$1.90; \$380 2% 30 days.
 W. H. Geibke: same.
 Antioch Building Mat.: \$3.25; net; \$650.
 A. A. McMahon: \$2.75; 2% 30; \$550
 Rock & Gravel Trucking Co.: \$2.85 \$570; net.
 BID NO. 6781 (200 tons aggregates; Salinas):
 Central Supply Co., Salinas: \$2.15; \$430; 2% 30.
 Southern Pacific Milling Co.: \$2.30 \$460; 2% 30.
 BID NO. 6783 (blasting machines, wire, etc.; Santa Rosa):
 Trojan Powder Co.: \$352.50; net.
 E. I. DuPont de Nemours Co.; Atlas Powder Co.; and Hercules Powder Co.: same.
 BID NO. 6790 (rental—road patrol grader and tandem roller; Winters):
 Garcia Const. Co.: \$5; \$5; net.
 Hemstreet & Bell: \$5; \$4; net.
 Lee J. Immel: \$4.15; \$6; net.
 Hayward Bldg. Mat. Co.: no bid; \$3.50; net.
 J. R. Reeves: no bid; \$4; net.
 BID NO. 6736 (one 20,000 GVW truck and two 10-ton trailers; Marysville):
 International Harvester Co.: (1) \$342.99; net.

White Motor Co.: (1) \$3329.74; (2) \$2790; alt. \$3339.74; \$2800; net.
 Reliance Truck & Trailer: (2) \$1-75 each alt. \$1733.50; 20.
 Utility Trailer Sales Co.: (2) \$1-413; alt. \$1463; net.
 Trailer Co. of America: (2) \$1330; alt. \$1380; 2% 20.
 Yellow Truck & Coach: (1) \$2875; net.
 Fruehauf Trailer Co. of California: (2) \$1310; net.
 BID NO. 6773 (rental—tractor; Fort Baker):
 H. V. Carter Co.: \$70; net.
 G. F. Bishop Co.: \$80; net.
 BID NO. 6778 (concrete pipe; Modesto):
 United Concrete Pipe Co.: \$2,030; 2% 30.
 Stanislaus Concrete Prod.; \$2,035; net.
 Jordan Concrete Pipe: \$2734; 5% 30 days.
 Ed Speakerman: \$2475; 5% 20.
 BID NO. 6779 (500 sacks of Portland cement; Oroville):
 Thode & Sons L. C.: \$0.725; \$362.50; net.
 Sterling L. C.; Henry Cowell; A. Vaughn & Sons; Diamond Match Co.; and Monolith Portland Cement: same.
 Auburn L. C.: \$0.75; \$375; 2% 30.

BIDS OPENED

SAN FRANCISCO.—The following bids opened by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6782 (concrete pipe; Fairfield):
 S. Lenz & Son: \$690.45; 2% 30.
 Ed. Speakerman: \$763.62; 5% 20.
 Raggio Concrete Pipe Co.: \$799.95; 5% 20.
 United Concrete Pipe Co.: \$0.70, and \$0.25 (1 and 4); 2% 30.
 J. W. Mumbert: \$782.17; 2% 30.
 Calif. Concrete Pipe: \$816.51; 5% 30.
 BID NO. 6798 (1,800 tons rock; Oakland):
 Ariss-Knapp Co.: \$0.66; \$1188; net.
 Blake Bros.: \$1.18; \$2124; 2% 30.
 J. C. Cucco: \$0.8375; \$1597.50; 10% 30 days.
 Hutchinson Co.: \$0.70; \$1260; net.
 F. Granzotto: \$1.19; \$2142; 2% 20.
 Superior Rock Co.: \$1.45; \$2610; 2% 30.
 R. Giacone: \$1.09; \$1962; net.
 Rock & Gravel Trucking Co.: \$1.40; \$2520; net.
 BID NO. 6799 (1,500 tons rock; Oakland):
 R. Giacone: \$1.09; \$1635; net.
 J. C. Cucco: \$1.24; \$1860; 10% 30.
 Rock & Gravel Trucking Co.: \$1.60; \$2400; net.
 Blake Bros.: \$1.32; \$1980; 2% 30.
 Hutchinson Co.: \$1.35; \$2025; 2% 30 days.
 Superior Rock Co.: \$1.45; \$2175; 2% 30.
 BID NO. 6800 (coarse and fine aggregates; Berkeley):
 Powell Bros.: \$2.025; \$2,025; \$352.-35; 2% 30.
 Transit Concrete; Henry Cowell; Aita Bldg. Mat.; Contra Costa Bldg. Mat.; Central Supply; Albert C. Moe; Chas. S. Hughes; Rhodes & Kennedy; Rhodes and Jamieson; Melrose Bldg. Mat.: identical.
 Golden Gate Stucco: 2% 30; \$2.05; \$352.35.
 Rock & Gravel Trucking Co.: \$2.03; \$2,03; \$353.22; net.
 BID NO. 6801 (1200 c.y. macadam material; Hayward):
 Hayward Bldg. Supply: \$1440; \$1-20; net.
 Hayward Bldg. Mat.: \$1.35; \$1-620; net.

Rock & Gravel Trucking Co.: \$2.-25; \$2700; net.
 San Leandro Rock: \$1.25; \$1500; net.
 BID NO. 6802 (1000 c.y. macadam material; Oakland):
 San Leandro Rock: \$1.25; \$1250; net.
 Superior Rock Co.: \$2.92; \$2920; 2% 30.
 Hayward Bldg. Supply: \$1.75; \$1-750; net.
 J. C. Cucco: \$1.80; \$1800; 10% 30.
 R. Giaconi: \$1.62; \$1620; net.
 Hayward Bldg. Mat.: \$1.35; \$1-350; net.
 M. L. Clough: \$1.55; \$1550; net.
 Rock & Gravel Trucking Co.: \$2.20; \$2200; net.
 BID NO. 6803 (850 c.y. macadam material; Hayward):
 San Leandro Rock Co.: \$1.15; \$977.-50; net.
 Hayward Bldg. Material: \$977.50; \$13.15; net.
 Hayward Bldg. Supply: \$1.12; \$1-054; net.
 Rock & Gravel Trucking: \$2; \$1-700; net.
 BID NO. 6804 (castings, collars, etc.; Livermore):
 Mission Foundry & Stove Works: \$980; net.
 Enterprise Foundry: \$1019; net.
 Phoenix Iron Works: \$875; \$30; \$68 3.50; \$100; \$8.50; net.
 General Metals Corp.: \$1,043.25; ½ of 1% 20.
 Empire Foundry Co.: \$1032.75; 1% 20 days.
 Olsen Foundry: \$997.35; 1% 20.

BID NO. 6805 (lights, hangars, etc.; San Francisco):
 Peerlite Mfg. & Supply: \$257.50; 2% 20.
 Calif. Elec. Supply: \$440.80; 2% 20.
 Peerless Elec. Co.: \$412; 1% 20.
 Westinghouse Elec. Supply: \$408.23 2% 10th prox.
 Roberts Mfg. Co.: \$485.82; 1% 20.
 BID NO. 6808 (sewage ejector; San Francisco):
 Walworth-Calif.: \$865; 2% 30.
 Pacific Pib. Co.: \$900; net.
 Simonds Mch. Co.: \$977; net.
 Kimball-Krogh Pump Division of Victor Equipment: \$958.27; net.
 E. C. Cooley: \$943; net.
 BID NO. 6807 (steel gates and doors; San Francisco):
 Arnie Iron Works: \$6200; net.
 Berkeley Steel Const.: \$6320; net.
 Monarch I. W.: \$8735; ½ of 1% 30.
 Sartorius Co.: \$9447; ½ of 1% 20.
 Walter R. Cole & Co.: \$8500; net.
 Michel & Pfeffer I. W.: \$7275; net.
 Calif. Artistic Metal & Wire: \$7-872; ¼ of 1% 30. * 27

28— FIRE EQUIPMENT

NOTICE

REDDING, Shasta Co., Calif.—The PWA has rejected the amendatory application of the City of Redding requesting an increase of \$12,000 in the grant allotment of the municipal water system for the purpose of including the purchase of fire fighting equipment. * 28

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

STATE OF WASHINGTON.—E. F. Rockey & Son, 2705 3rd, N. Seattle, at \$38,804.80, awarded contract by the State of Washington, Director of Highways, L. V. Murrow, Olympia, for clearing, grading, draining, surfacing, manufacturing and stockpiling surfacing materials and mineral aggregate (oil rock) and constructing a light bituminous surface treatment on about 3.1 miles of

Primary State Highway No. 12, Bear River Hill to Jct. SSH No. 12-A, State Project, in Pacific County, Washington. 29

CONTRACT AWARDED

LONG BEACH, Calif.—Sully-Miller Contr. Co., 1526 W Seventh St., Long Beach, at \$26,748.15 awarded contract by R. M. Dorton, city manager, City Hall, Long Beach, for widening and improving Willow Street bet. American Ave. and west city limits, about 1.75 miles, to be financed by quarter-cent gas tax funds. J. W. B. Blackman, city engineer-director of public service. 29

CORRECTION—LOW BIDDER

SAN BERNARDINO CO., Cal.—G. E. Kerns, 3712 Gaviota Ave., Long Beach, at \$44,862.50 submitted low bid to the State Division of Highways, C. H. Furell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge across San Antonio Wash and about 0.2 mile of grading and paving with asphalt concrete about one-eighth mile east of Los Angeles county line (VIII-SEB-26-C), San Bernardino County. Amount of the low bid previously reported incorrectly. 29

January 9, 1939

BIDS OPENED

STATE OF WASHINGTON—Bids were received and contracts awarded by the State of Washington Directors of Highways, L. V. Murrow, Olympia, for construction, as follows:

Snohomish County: Constructing sidewalks, signals and ladders on four bridges on Primary State Highway No. 1, Everett to Marysville, Bridges State Project, in Snohomish County, Washington, involving about 50 cubic yards of excavation, 345 cubic yards of concrete, 58,000 lbs. of steel reinforcing bars, 181,500 lbs. of structural steel, 34 M.B.M. of treated and 1 M.B.M. of untreated timber and lumber, 9,500 pounds of steel punchings and other items. Awarded: A. W. Stevens Constr. Co., 711 2nd. Mt. Vernon, \$66,230.

Other bidders: L. J. Dowell Inc., Seattle, \$67,925; MacRae Bros., Seattle, \$92,704.

Spokane County: Grading, draining and constructing a reinforced concrete trestle bridge on about 0.1 mile of Primary State Highway No. 2, Liberty Lake Junction to Idaho State Line—Spokane River Bridge, Federal Aid Project No. 50-B (1), in Spokane County, Washington, involving about 10,530 cubic yards of excavation, 2,664 cubic yards of concrete, 520,000 pounds of steel reinforcing bars, 5,700 pounds of structural steel, 1,850 pounds of chromium steel, 320 linear feet of pipe culverts and other items. Awarded: Alloway & Georg, Hutten Bldg., Spokane, \$107,068.

Other bidders: Clifton and Applegate, Spokane, \$115,557; C. A. Power, Spokane, \$121,075; Henry Hagman, Cashmere, \$121,830; David Nygren, Spokane, \$129,484; Siems-Spokeane Co., Spokane, \$144,657.

Clark and Skamania Counties: Grading, draining, surfacing and manufacturing and stockpiling surfacing materials and mineral aggregates (oil rock) on about 9.7 miles of Primary State Highway No. 8, Washougal to Prindlie, State Project, in Clark and Skamania Counties, Washington, involving about 3,380 cubic yards of excavation, 53,170 cubic yards of crushed stone surfacing, 2,150 cubic yards of mineral aggregates (oil rock), 1,610 cubic yards of selected roadway borrow,

770 linear feet of perforated concrete drain pipe, 1,450 linear feet of pipe culvert and other items.

Awarded: A. Milne, 7253 N.E. Broadway, Portland, \$92,128.

Other bidders: Bahler Bros., Portland, \$94,405; The Mirene Co., Portland, \$92,609; Newport Construction Co., Portland, \$95,035; R. C. Dail and Warren Bros., Portland, \$102,576; Homer G. Johnson, Portland, \$103,242; Warren Northwest Inc., Portland, \$107,408.

Clallam County: Clearing, grading, draining and surfacing of about 7.5 miles of Primary State Highway No. 9, Elwha River to Port Angeles, Federal Aid Projects Nos. 166-A (2) and 166-B (4), in Clallam County, Washington, involving 5,480 cubic yards of excavation, 1,820 cubic yds. of shoulder material, 36,940 cubic yards of selected roadway borrow, 12,660 cubic yards of crushed stone surfacing, 4,130 linear feet of half round corrugated metal gutters, 742 linear feet of perforated corrugated iron pipe, 1,541 linear feet of pipe culverts and other items.

Awarded: Allen & Govan Inc., Olympia, \$59,991.

Other bidders: Homer G. Johnson, Portland, \$67,927; C. L. Creelman, Seattle, \$67,988; L. Coluccio and Macri Bros., Seattle, \$72,444; Central Construction Co., \$73,293; Warren Northwest Inc., Portland, \$73,646.

Adams County: Grading, draining, surfacing and constructing a steel and concrete railroad undercrossing on about 2.9 miles of Primary State Highway Nos. 11 and 18, Ritzville West-N.P. Railway Undercrossing and Pitzville South Revision, Federal Aid Projects Nos. 280-C (1) and 93 (2) and Federal Aid Grade Crossing Project No. FAGH 280-D (1), in Adams County, Washington, involving about 87,590 cubic yards of excavation, 18,610 cubic yards of selected roadway borrow, 9,100 cubic yards of crushed stone surfacing on roadway from stockpiles, 759 cubic yards of concrete, 58,310 pounds of steel reinforcing bars, 235,000 pounds of structural steel, 10,000 pounds of cast steel, 602 linear feet of pipe culverts and other items.

Awarded: Henry Hagman, Cashmere, \$84,526.

Other bidders: Elliott and Co., Inc., Seattle, \$84,957; Norris Bros., Burlington, \$91,744; Charles A. Power, Spokane, \$99,908; Goetz and Brennan, Seattle, \$95,870; Newton Construction Co. and Sjoben Bros., Seattle, \$97,012; G. D. Lyon and Co., Spokane, \$100,071; Sather and Sons, Seattle, \$100,988; Clifton and Applegate, Spokane, \$102,780; M. P. Butler, Seattle, \$104,775; Erickson Paving Co., Seattle, \$109,696.

Pacific County: Clearing, grading, draining, surfacing, manufacturing and stockpiling surfacing materials and mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 3.1 miles of Primary State Highway No. 12, Bear River Hill to Jct. SSH No. 12-A, State Project, in Pacific County, Washington, involving about 4 acres of clearing, 13,970 cubic yards of excavation, 8,750 cubic yards of ballast, 9,510 cubic yards of crushed stone surfacing, 620 cubic yards of mineral aggregates (oil rock), 79 tons of bituminous cement, 656 linear feet of pipe culverts and other items.

Low bidder: E. F. Rockley & Son, 2705 3rd. N., Seattle, \$38,807.

Other bidders: A. Milne, Portland, \$47,904; Homer G. Johnson, Portland, \$59,454; Tidpoint Co., Astoria, Ore., \$59,690; The Mirene Co., Portland, \$59,580; R. O. Dail and Warren Bros., Portland, \$70,077.

Douglas and Grant Cos.: Clearing, grading, draining and surfacing of about 3.3 miles of Secondary State Highway No. 10-B, Leahy to Coulee Dam, Wallace Canyon Section, Federal Aid Secondary Project No. FAS 37-A, in Douglas and Grant Counties, Washington, involving about 180,160 cubic yards of excavation, 9,690 cubic yards of ballast, 5,970 cubic yards of crushed stone surfacing, 1,688 linear feet of pipe culverts and other items.

Awarded: Goetz and Brennan, Seaboard Bldg., Seattle, \$92,007.

Other bidders: Sno- Snokane, \$94,150; Tony Marrazzo, Boise, \$97,582; K. L. Goulter, Seattle, \$97,943; Siems Spokane Co., Spokane, \$102,430; Clifton and Applegate, Spokane, \$106,258; Erickson Paving Co., Seattle, \$106,578; Norris Bros., Burlington, \$112,717; Max J. Kurney Co., Spokane, \$114,244; L. Romano Engineering Corp., Seattle, \$114,196; J. C. Pavin, Carson, \$103,024; P. J. Loran Bros., Seattle, \$114,188; and Co. Inc., Seattle, \$94,509.

29

CONTRACT AWARDED

KINGMAN, Mohave Co., Arizona.—Tanner Const. Co., P. O. Box 1832, Phoenix, at \$209,780.21 awarded the contract by the Arizona State Highway Commission, Phoenix, for highway improvement on FAGH 85-A (1) (1938) (1939) AFE 6603, Kingman-Needles Highway; FA 123-D (1) (1939), AFE 9304, Kingman-Boulder Dam Highway. The work, which is located in and adjacent to the town of Kingman, consists of grading, draining, aggregate base course and oil processing (SC-6 road oil, plant mix) and is to be completed on or before Sept. 30, 1939.

Total bids were: Tanner Const. Co., Phoenix, \$209,780.21.

Pearson and Dickerson, Prescott, \$220,779.94.

Skousen Bros., Albuquerque, N. M. \$225,498.70.

Phoenix Tempe Stone Co., Phoenix \$226,184.77.

Geo. W. Orr, El Paso, Texas, \$231,159.62.

Lee Moor Const. Co., El Paso, Tex., \$244,584.21.

Oswald Bros., Phoenix, and Los Angeles, \$247,700.28.

Unit prices are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. 29

BIDS OPENED

COCONINO COUNTY, Arizona.—Following submitted bids to the U.S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for furnishing 500 tons type SC-2 liquid asphaltic road materials for use on Sections C and D of Rt. 28, Fredonia-Houserock Valley National Forest Highway, Coconino Co., Ariz.

Bids were: The Petrol Corp., \$4.50, f.o.b. Los Angeles.

Richfield Oil Corp., \$4.50; f.o.b. Watsonville.

Union Oil Co., \$5.00; f.o.b. Maltha. Standard Oil Co., \$5.00; f.o.b. Seguro.

Krieger Oil Co., Clearwater, \$4.00; f.o.b. Clearwater.

Adams Oil Co., \$3.95; f.o.b. San Luis Obispo.

Gilmore Oil Co., \$4.50; f.o.b. Los Angeles.

Shell Oil Co., \$4.50; f.o.b. Los Angeles. 29

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif.—V. R. Dennis Construction Co., 3911 5th Ave., San Diego, at \$172,463.95, awarded contract by the State Division of

Highways, Frank W. Clark, State Director of Public Works, Sacramento, for about 4.8 miles grading and paving with plant mix surfacing and Portland cement concrete between Orange County line and Corona (VIII-Riv-43-A), Riverside County. * 29

BIDS WANTED

ORANGE, Orange Co., Calif.—As previously reported, until Jan. 30, 2 P. M., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, State Building, Los Angeles, for about 0.3 miles grading and surfacing with asphalt concrete on Glassell Avenue, between Fairhaven Ave. and south city limits of Orange (VII-Ora-181-A), Orange Co.

- Work involves:
- (1) 14 sta. clearing and grubbing;
 - (2) 100 M. gals. water in place;
 - (3) 50 cu. yds. removing concrete;
 - (4) 350 cu. yds. roadway excavation without class;
 - (5) 10 cu. yds. imported borrow in place;
 - (7) 2,400 sq. yds. preparing sub-grade;
 - (8) 14 sta. finishing roadway;
 - (9) 5 tons liquid asphalt, SC-2, in place (prime coat);
 - (10) 2 tons liq. asphalt, ROMC-4 or ROMC-5, in place (plant-mixed surfacing);
 - (11) 40 tons mineral aggreg. in place (plant-mixed surfacing);
 - (12) 50 tons liquid asphalt, SC-2, in place (shoulders);
 - (13) 4,100 sq. yds. preparing, mixing, and shaping shoulders;
 - (14) 4 tons asphaltic emulsion in place (paint blinder and seal coat);
 - (15) 500 tons asphalt conc. in place (leveling course);
 - (16) 670 tons asphalt conc. in place (type "A" surface);
 - (17) 52 cu. yds. class "B" Portland cement concrete in place (borders);
 - (18) 20 l.f. 8-in. corr. metal pipe in place;
 - (19) 1 spillway assembly in place;
 - (20) 50 l.f. laminated guard railing in place;
 - (21) 0.1 mi. moving and resetting existing fence.
- Plans and specifications may be obtained from the above office. * 29

BIDS WANTED

HOOD RIVER & MULTNOMAH COUNTIES, Ore.—Until Jan. 25, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for approximately 2,026 mi. reconstruction grading, surfacing, and bituminous paving of the Columbia River Highway, National Forest Road Project 28-B3C1, located within Mt. Hood National Forest, Councils of Hood River and Multnomah Oregon.

- Work involves:
- (1) Maintenance of existing road;
 - (2) Extra and misc. force account work;
 - (3) 2 acres grubbing;
 - (4) 33,500 c.y. unclass. excav.;
 - (5) 160,000 sta. yd. special overhaul;
 - (6) 4,500 c.y. ml. special overhaul;
 - (7) 33,000 tons dry choked stone or slag base course;
 - (8) 2,500 tons crusher run bottom course;
 - (9) 12,500 tons crusher run top course;
 - (10) 1,400 tons watering;
 - (11) 100 tons cutback asphalt MC-2 grade for prime coat;

- (12) 4,200 tons EO four application macadam;
- (13) 190 tons EO asphalt;
- (14) 420 l.f. concrete curb of 24-in. depth;
- (15) 950 l.f. floating, non-floating or beam type single element 90,000 lb. guard rail (posts 12 ft 6 in. centers);
- (16) 1,000 sq. yd. dry rubble slope pavement.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00. * 29

CONTRACT AWARDED

MONO COUNTY, Calif.—Jack Casson, 319 Warren St., Hayward, at \$49,877.20, awarded contract by State Division of Highways, Frank W. Clark, State Director of Public Wks., Sacramento, for about 7 miles of grading and road-mix surface treatment and Class A seal coat to be applied on highway between Benton Station and Nevada State Line (IX-Mno-76-B), Mono Co. * 29

BIDS WANTED

SAN BERNARDINO COUNTY, Calif.—Until Feb. 2, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.1 miles surfacing with plant mixed surface, construction of pile and timber bulkheads, and backfilling with imported borrow, between San Bernardino and Santa Ana River (VIII-SBD-26-A), San Bernardino County.

- Work involves:
- (1) Clear and grub;
 - (2) 66 M. gals. water;
 - (3) 300 c.y. roadway excav. without class;
 - (4) 5,960 c.y. struc. excav.;
 - (5) 2,000 c.y. import borrow;
 - (6) 60 sta. finish roadway;
 - (7) 18,000 sq. yds. asphalt binder;
 - (8) 3,800 tons min. agg. plant mix surf.;
 - (9) 190 tons liq. asphalt, SC-4 plant mix surf.;
 - (10) 16 tons liq. asphalt, 90-95 seal coat;
 - (11) 80 tons screenings seal coat;
 - (12) 230 tons sand seal coat;
 - (13) 166 M. ft. board measure treat. douglas fir timber;
 - (14) 7,650 l.f. furnish treat. douglas fir plies;
 - (15) 255 drive treated douglas fir plies;
 - (16) 16 l.f. 8-in. CMP;
 - (17) 1 each spillway assembly;
 - (18) 1,110 l.f. laminated guard railing;
 - (19) 16 each monuments.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 29

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Calif.—W. E. Hall Co., 1025 Westminister Ave., Alhambra, at \$149,510.95, awarded contract by the State Division of Highways, Frank W. Clark, State Director of Public Wks., Sacramento, for grading and surfacing with plant mix surface about 2.4 miles between Devore and Camp Cañon (VIII-SBD-31-B), San Bernardino County. * 29

BIDS WANTED

ORANGE, Orange Co., Calif.—Until Jan. 30, 2:00 P. M., bids will be received by the State Division of Highways, S. V. Cortelyou, District

Engineer, State Bldg., Los Angeles, for about 0.3 miles grading and surfacing with asphalt concrete on Glassell Ave., between Fairhaven Ave. and south city limits of Orange (VII-Ora-181-A), Orange Co.

Plans and specifications may be obtained from the above office. * 29

31—PIPE LINES & WELLS

BIDS OPENED

TACOMA, Wash.—Steel Tank and Pipe Co., 518 NE Columbia Blvd., Portland, at \$158,334 submitted low bid and was awarded contract by the Board of Contracts and Awards, Tacoma, for furnishing and installing 692 ft. of 36-in., 2791 ft. of 42-in. 3482 ft. of 24-in. and 25 ft. of 32-in. coal tar enameled pipe with necessary fittings.

Other bidders were: Hydraulic Supply & Mfg. Co., Seattle, \$165,629.00.

Acme Const. Co., Seattle, \$172,789. * 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

PLANS AWAITING PWA APPROVAL

CARMEL, Monterey Co., Calif.—Plans for the Sewage Treatment Plant and Outfall Sewer to be constructed for the Carmel Sanitary District have been submitted to PWA for approval, and bids on the major sections of the work will be invited as soon as plans are approved.

Bids for a small levee contract and informal bids for clearing right of way for a sewer pipeline already have been received. Treatment plant will be located on an "island" site below the State highway bridge across Carmel river. Estimated cost of the project is \$105,000. Carmel Sanitary District, Ronald Cockburn, secretary; Sundial Court Apt. Bldg., Carmel, Clyde C. Kennedy, 604 Mission St., San Francisco, Consulting Engineer. * 32

SUB-CONTRACTS AWARDED

SACRAMENTO, Cal.—Lindgren & Swinerton, Inc., 619 H Street, Sacramento, awarded the following sub-contracts for construction of additions to sewage pumping station No. 2, Sacramento: Concrete—Sacramento Rock & Sand Co., 16th and A Sts.

Electric Wiring—Reliable Elevator Works, 619 California St.

Excavation, Pile Driving, Sheet Driving—J. R. Reeves, 12th and American River.

Glass—American Fuel & Materials Co., 2701 Stockton Blvd.

Steel Sash—Dolan Building Materials Co., 31st and P Sts., 1812 9th St. Millwork—Capital City Planing Mill, 1812 9th St.

Painting—Willcoxon & Wilson, 1724 34th Street.

Plastering—Fred Stuckert, 5331 San Francisco Blvd.

Plumbing—Luppen and Hawley, 3126 J Street.

Roofing—Allyn L. Burr Co., 2417 28th Street.

Sheet Metal—J. H. Mendenall, 321 N 12th St.

All of Sacramento. * 32

33— WATER WORKS

BIDS WANTED

FALLBROOK, San Diego Co., Cal.—Until Jan. 16, 2 P. M., bids will be received by the Fallbrook Public Utility District, Fallbrook, for furnishing all labor, materials, transportation and services necessary for the construction and completion of additional water works improvements for the district, consisting of well drilling, pumping plant, and water mains, and lateral, in accordance with plans and specifications prepared by John H. Chase, consulting engineer, 4734 Somerset Dr., Riverside. Copies of the specifications and drawings may be obtained from the secretary, Katherine McEuen upon deposit of the following amounts: item (1) \$2.50; (2) \$2.50; (3) \$5, and (4) \$10, or \$15 for the entire set of four units.

- The work involves:
- (1) excavation, digging and completion of a 16-inch water well;
 - (2) acquisition, construction & completion of a pumping plant;
 - (3) construction and completion of a concrete reservoir;
 - (4) installation and laying of approx. 50,000 ft. of 12-in. water main and 2000 ft. 8-in. lateral.
- The estimated cost is \$138,919.

BIDS WANTED

VENTURA, Calif.—Until Jan. 23, 5:00 P. M., (opened at 7:30) bids will be received by Ventura city council for construction of untreated water mains and appurtenances from the Kingston reservoir to the city limits, a PWA project.

- Work involves:
- (1) 1837 l.f. 18-in. reinf. concrete pipe;
 - (2) 2 each 18-in. reinf. conc. angle collars;
 - (3) 1855 l.f. 16-in. welded steel pipe;
 - (4) 71 l.f. 6-in. std. steel pipe;
 - (5) 36 l.f. 4-in. same;
 - (6) 10 l.f. 3-in. same;
 - (7) 55 l.f. 2-in. same;
 - (8) 2090 l.f. 6-in. C. I. pipe;
 - (9) 1400 l.f. 4-in. C. I. pipe;
 - (10) 2 only 6-in. std. steel semi welded turns;
 - (11) 1 only 6-in., C. I., 90 deg. bend;
 - (12) 6 only 6-in., C. I., 45 deg. bends;
 - (13) 3 only 6x4-in., C. I. reducers;
 - (14) 1 only 6x6-in., C. I. tee;
 - (15) 1 only 6x4-in., C. I. tee;
 - (16) 1 only 6x3-in., C. I. tee;
 - (17) 3 only 4-in., 90 deg., C. I. bends;
 - (18) 30 only 4-in., 45 deg., C. I. bends;
 - (19) 2 only 4x3-in., C. I. reducers;
 - (20) 5 only 4x2-in., C. I. reducers;
 - (21) 4 only 4-in., C. I. caps;
 - (22) 1 only steel collar and plate for 6-in. service connection to 18-in. reinf. concrete pipe;
 - (23) 1 only 6x1/4x5-in. center Dayton coupling;
 - (24) 1 only 18-in. welded steel connection to existing 30-in. steel pipe;
 - (25) 1 only 4x6-in. nipple;
 - (26) 2 only 3x6-in. nipples;
 - (27) 2 only 2x6-in. nipples;
 - (28) 1 only 16x1/4-in. welded steel cap;
 - (29) 5 only 6-in. welding neck flanges;
 - (30) 3 only 6-in. lateral connections to 24-in. treated water mains;
 - (31) 15 only 4-in. lateral connections to 24-in. treated water mains;
 - (32) 2 only 6-in. tapping valve lateral connections to raw water main;
 - (33) 5 only 4-in. flanged valve lateral connections to steel pipe raw water main;
 - (34) 1 only 3-in. flanged valve lat-

- eral connection to steel pipe raw water main;
- (35) 1 only 2-in. screw valve lateral connection to steel pipe raw water main;
- (36) 2 only 6-in. flanged gate valves;
- (37) 2 only 3-in. same;
- (38) 1 only 4-in. screw gate valve;
- (39) 1 only 2-in. same;
- (40) 1 air vent;
- (41) 1 only air relief valve assembly;
- (42) 5 only air and vacuum valve assemblies;
- (43) 3852 sq. ft. 7-in. cement concrete pave. replacement;
- (44) 6921 sq. ft. plant mix surf. pave. replacement.

Estimated cost, \$31,700. Plans and specifications are available from Carl Froerer, city engineer, upon deposit of \$10. Certified check, 10%, must accompany bid. * 33

BIDS WANTED

SAN FRANCISCO.—Until January 19, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W.D. 201, for the laying of 6- and 8-inch cast iron mains in 33rd, 34th, 35th Avenues and Moraga Street.

- Work involves:
- (1) 3,960 l.f. excavating and backfilling for 6- and 8-inch pipe, trench 17-inches wide by 36-in. deep;
 - (2) 20 c.y. additional excavation and backfill;
 - (3) No item 3;
 - (4) installing pipe:
 - (a) 2,910 l.f. of 6-in. bolted joint cast iron pipe;
 - (b) 1,050 l.f. of 8-in. bell and spigot cast iron pipe;
 - (5) installation of 4,500 lbs. fittings, gate valves, etc.;
 - (6) making 180 l.f. bell and spigot joints for pipe and fittings;
 - (6a) making 485 bolted joints for 6-inch cast iron pipe;
 - (7) 270 sq. ft. of street pavement;
 - (8) installation of 210 3/4-in. screw taps;
 - (9) installation of 4,620 l.f. 3/4-inch galvanized iron service pipe;
 - (10) furnishing cast iron pipe, Class 150:
 - (a) 2,910 l.f. 6-in. bolted joint pipe at \$0.74 per l.f.;
 - (b) 1,050 l.f. 8-in. bell and spigot cast iron pipe at \$1.08 per l.f.;

- (11) furnishing bell end gate valves:
 - (a) 4 six-inch valves at \$17 each;
 - (b) 2 eight-inch valves at \$22.50 ea.
 - (12) furnishing 2,800 bell and spigot cast iron fittings at \$0.66 per lb.;
 - (13) furnishing 500 lbs. steel bands and bolts at \$0.5 per lb.;
 - (14) furnishing 4,620 l.f. 3/4-in. galv. iron service pipe at \$0.66 per l.f.
 - (15) furnishing 3/4-inch fittings for services, lump sum \$361.20;
 - (16) engineering & supervision, lump sum, \$150;
 - (17) connections, lump sum, \$254.
- Plans and specifications may be obtained from the Cashier's office, 6th floor, 425 Mason St., San Francisco, upon deposit of \$5. * 33

BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Building, San Francisco, at \$4,911.30 submitted low bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. No. W.D. 188, for the laying of 8-inch cast iron main in Easement at 3rd St. and Islals Creek.

- Work involves:
- (1) 2,230 l.f. excav. and backfill for 8-in. pipe, trench 17-in. wide by 36-in. deep.
 - (2) 25 c.y. additional excavation and backfill;
 - (3) no item 3;
 - (4) installing 2,230 l.f. 8-in. bell and

- spigot cast iron pipe;
 - (5) installing of 2,400 lbs fittings, gate valves, etc.
 - (6) 330 l.f. bell and spigot joints for pipe and fittings.
 - (7) 700 sq. ft. of street pavement;
 - (8) no item 8;
 - (9) no item 9;
 - (10) furnishing 2,230 l.f. 8-in. bell and spigot cast iron pipe. Class 150; at \$1.08 per l.f.;
 - (11) furnishing bell end gate valves:
 - (a) One 4-in. valve at \$12 ea.;
 - (b) Two 8-in. valves at \$22 ea.;
 - (12) furnishing 2,000 lbs. bell and spigot cast iron fitting at \$0.66 each;
 - (13) furnishing 100 lbs. steel band and bolts at \$0.05 per lb.;
 - (14) no item 14;
 - (15) no item 15;
 - (16) Engineering and supervision, lump sum, \$200.00;
 - (17) connections; lump sum, \$133.00.
- Total bids follow:
- (A) E. J. Treacy, \$4,911.30.
(B) Lowrie Paving Co., Inc., \$5,467.40.

Unit prices follow:

	(A)	(B)
(1).....	\$.65	\$.85
(2).....	.50	.50
(3).....	.....	.....
(4).....	.08	.10
(5).....	.03	.03
(6).....	.35	.40
(7).....	.23	.30
(8).....	.....	.....
(9).....	.....	.....
(10).....	1.08	1.08
(11a).....	12.00	12.00
(11b).....	22.00	22.00
(12).....	.06	.06
(13).....	.05	.05
(14).....	.....	.....
(15).....	.....	.....
(16).....	200.00	200.00
(17).....	133.00	133.00

* 33

CONTRACT AWARDED

HILLSBOROUGH, San Mateo Co., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$20,368 submitted low bid and awarded contract by Hillsborough Town Council, E. P. Wilsey, City Manager, Town Hall, Hillsborough, for laying of 4-6-8- and 10-inch cast iron water mains. Total bids follow:

Union Paving Co., S. F. \$20,368.00
A. W. Clark, Piedmont 21,295.35
W. J. Tobin, Oakland 23,436.00
Underground Const. Co., Oakland 24,768.00
Pacific States Const., S. F. 25,570.00
Lowrie Paving Co., S. F. 25,776.00
H. E. Connor, Redwood City 25,861.00
Chas. L. Harney, S. F. 26,392.50
West Const. Co., S. F. 27,312.00
Williams & Van Valkenburgh, Los Angeles 29,960.00

34— PARKS AND PLAY-GROUNDS

CONTRACT AWARDED

LOS ANGELES, Cal.—Eagle Rock Nursery, 2740 Colorado Blvd., Los Angeles, at \$3,936 on item 1, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C. for landscap work at the U. S. Quarantine Station at Los Angeles. * 34

CHALMER MUNDAY

Attorney-at-Law - Notary Public
Bankruptcy, Mechanics' Liens,
Builders' Contracts

405 Montgomery St., San Francisco

ALAMEDA COUNTY
PERMITS UNDER \$1000

- ALTERATIONS, \$80; 2818 Webster, Oakland; owner, B. G. Rupp, premises; contractor, A. L. Peters, 223 Duncan Way.
- ALTERATIONS, \$125; 2740 Hillegass Berkeley; owner, R. T. Crawford, premises; contractor, G. Williams, 806 Jackson St.
- ALTERATIONS, \$95.00; 1822 Euclid, Berkeley; owner, W. J. Mortimer, Co.; contractor, Berkeley Fuel & Supply Co., 1444 Shattuck Ave.
- SIGNS, 28 metal, various prices; various locations; contractor, American Creamery Co., 1310 14th St.
- ALTERATIONS, \$500; 1615 Broadway, Oakland; owner and contractor, H. C. Morris Co., prem.
- ALTERATIONS, \$900; 403 13th St., Oakland; owner, Tribune Publ. Co., premises; contractor, Wilburn C. Cone, 608 16th St.; contractor, Edw. T. Foulkes, 357 12th St.
- FIRE repairs, \$268; 2339 Market St., Oakland; owner, D. N. Stevens; contractor, M. Coetich, 2515 Adeline St.
- GARAGE, 1-story tile, \$400; altera., \$200; 1428 35th Ave., Oakland; owner, J. W. Vumsteg, prem.; contractor, Wilbur C. Cone, 603 16th St.
- GARAGE, 1-story, \$200; 2600 Ritchie St., Oakland; owner and contractor, C. A. Franken, premises.
- WRECK bldg., \$200; 3800 Coolidge, Oakland; owner, Fred Finch Orphanage, premises; contractor, E. M. Cole, 3081 California St.
- RE-ROOF, \$170; 1333 8th St., Oakland; owner, M. Ferrira, prem.; contractor, New Art Roof Co., 1307 Fruitvale Ave.
- ALTERATIONS, \$500; 1451-53 Fruitvale Ave., Oakland; owner and contractor, A. T. Beckett, 224 Scenic Ave., Piedmont.
- SIGN, electric, \$550; 3429 Lakeshore Avenue, Oakland; owner, Food Town; contractor, Elec. Products Corp., 950 30th St.
- ROOFING, \$150; 1405 Grand Ave., Piedmont; owner, Agnes Barrett premises; contractor, Elliott & Elliott Co., 770 22nd St.
- ROOFING, \$160.00; 616 Park Way, Piedmont; owner, Harry E. Leach premises; contractor, B. S. Booth 91 Nova Dr., Piedmont.
- REPAIRS, \$240; 21 Piedmont Court, Piedmont; owner, C. F. Lohse, premises; contractor, Judy's Termite Serv., 1507 Albany Terrace, Berkeley.
- ROOFING, \$110; 202 Magnolia Ave., Piedmont; owner, Dr. Van Kirk, 1830 7th Ave., Oakland; contractor, Hogan Bldg. & Roofing Co., 3002 Foothill Blvd., Oakland.
- ALTERATIONS, \$100; 2606 Benvenue Berkeley; owner and contractor, H. I. Morrison, 2488 Shattuck Ave.
- SIGNS, 4 metal, \$15 ea.; 4001 Piedmont Ave., Oakland; owner, Guy Minor, premises; contractor, P. Neth, 746 21st St.
- SIGN, metal, \$15.00; 2231 Fruitvale Ave., Oakland; owner, Borden's Creamery; owner, Bob's Sign Co., 579 19th St.
- REPAIRS, \$185; 673 28th St., Oakland; owner, M. Brenning, prem.; contractor, Geo. A. Hastings, 1963 89th St.
- ALTER for garage, \$165; 823 Appar St.; owner, Michael Storey, 823 Appar St.; contractor, Louis A. Cruz, 996 Alleen St.
- ALTERATIONS, \$200; 706 Franklin St., Oakland; owner, G. Walter Johnson, 863 Faramount Road; contractor, C. Frauneder, 335 8th St.
- ALTERATIONS, \$250.00; 2807 Grove St., Oakland; owner, Everett Wyatt, 2807 Grove St.
- SIGN, metal, \$25; 6680 E 14th St., Oakland; owner, Dariglen Creameries; contractor, Tobey Sign Co., 1920 E 14th St.
- SIGNS, 16 metal, various costs; various locations in Oakland; 16 owners; contractor, Wilshire Oil Co., 2455 E 27th St., Los Angeles.
- ALTERATIONS, \$100; 2154 Shattuck Ave., Berkeley; owner, Pacific States Savings & Loan, 745 Market St., San Francisco; contractor, P. A. Lux & Sons, 2011 Milvia Street.
- GARAGE, \$150; 1509 Tyler, Berkeley; owner and contractor, Martin Hall, 1735 Buena Vista.
- GARAGE, \$248; 1012 Ventura, Berkeley; owner, H. O. L. C.; contractor, H. G. Patrick, 1052 Neilson St.
- ALTER and add, \$425; 5555 Carlton St., Oakland; owner, D. F. R. Messner, premises; contractor, Thos. S. Lossing, 3020 Benvenue Ave., Berkeley.
- GARAGE, \$200; 1705 Jaynes, Berkeley; owner,.....; contractor, R. L. Robins, 3805 Manilla.
- ALTER, \$150; 2903 Wheeler, Berkeley; owner, B. D. Stewart, 2903 Wheeler; contractor, F. E. Allen, 1918 Prince St.
- GARAGE, \$200; 1705 Pine; owner, Mrs. Arbin, 2955 Pine; contractor, V. Lindel, 2557 Wakefield.
- ALTER, \$400; 2120 Dwight Way, Berkeley; owner, Peter Brasso, 824 Stannage; contractor, Roy Sandbank, 1642 Harmon.
- RE-ROOF, \$135; 1626 High Street, Oakland; owner, A. T. Norwich, 1626 High St.
- GARAGE, \$200; 2001 Hoover Avenue, Oakland; owner, G. T. Cummings, 2001 Hoover Ave.; contractor, Karl S. Fredrickson, 1071 Tiffin Road.
- SHED, \$500; 3509 Telegraph Avenue, Oakland; owner, George Evelch, 726 31st St.
- ALTER for garage, \$200; 406 Market St.; owner and builder, Tony Aninzio, 406 Market St.
- GARAGE, \$300; 1473 8th Street, Oakland; owner and builder, M. J. Stubblefield, 1473 8th St.
- ALTER and add., \$425; 7620 Garfield; owner, A. Leroneilo, 7620 Garfield.
- RE-ROOF, \$19; 5188 Corondo St., Oakland; owner, M. Rogers, 5188 Coronda St.; contractor, Guy Tyler & Sons Co., 1502 Cedar St., Berkeley.
- RE-ROOF, \$149; 840 56th St., Oakland; owner, Emil Bekker; contractor, Crown Roof Co., 1911 E. 12th St.
- RE-ROOF, fire, \$40; 3300 Elm Street, Oakland; owner and builder, A. K. Campbell, Zenher Core, Nev.
- ALTER, \$500; 2140 Shattuck, Berkeley; owner and builder, American Trust Co.
- PIPE ESCAPE \$140; 2730 Dwight Way, Berkeley; owner, M. Francis Inc., 2730 Dwight Way; contractor, C. A. Cain, 2163 Dwight Way.
- RE-ROOF, \$272; 1908 Nana, Berkeley; owner, S. Moser, 1908 Nana; contractor, American Roofing Co., 383 40th St., Oakland.
- ADDITIONS, \$400; 1617 Euclid, Berkeley; owner, Elizabeth R. Hummery, 1617 Euclid; contractor, J. V. Short, 1386 Euclid.
- REPAIRS, \$250; 745 Alameda, Berkeley; owner, Dinwiddie Constr. Co.; contractor, Larry Burror, Oakland.
- ALTER, \$200; 488 41st St., Oakland; owner, G. W. Sauriol, 488 41st Street.
- REPAIRS, \$15; 6016 San Pablo Ave.; owner and builder, Max Mendelson, 6016 San Pablo Ave.
- WRECK 1-story bldg., \$100; 658 Grand Ave., Oakland; owner, Shell Oil Co., 315 Derby Avenue; contractor, C. Stoltz, Oakland.
- ADDITION, \$400; 29 Buena Vista Place, Oakland; owner, E. Reed, 29 Buena Vista Place; contractor, Wood & Meyer, 3015 56th Ave.
- ALTER, \$400; 2099 Hopkins Street, Oakland; owner and builder, Standard Oil Co., Financial Center Bldg.
- RE-ROOF, \$75; 1760 86th Ave., Oakland; owner, F. Leonardo, 1760 86th Ave.; contractor, L. Lockyer, 9224 Foothill Blvd.
- GARAGE, \$95; 3314 Wyman Street, Oakland; owner and builder, G. L. Salisbury, 3314 Wyman St.
- REPAIR roof, \$10; 906 Vermont St., Oakland; owner, Chas. Miranda; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
- REPAIR roof, \$10; 360 Oakland Ave., Oakland; owner, Fidelity Mort. Ser. Co.; contractor, Guy Tyler & Sons, 1502 Cedar St., Berkeley.
- REPAIR roof, \$10; 1143 McKinley Ave., Oakland; owner, Fidelity Mort. Sec. Co.; contractor, Guy Tyler & Sons, 1502 Cedar Street, Berkeley.
- ALTER, \$338; 643 58th Street, Oakland; owner, Mrs. H. Mercer, 643 58th St.; contractor, J. D. McCoy, 704-A 38th St.
- RE-ROOF, \$498; 4701-4719 E. 14th St., Oakland; owner, Mrs. Riley; contractor, A. K. Goodmundson, 45th Ave. and Clement St.
- RE-ROOF, \$154; 1889 Jackson St.; owner, Mrs. Brown; contractor, A. K. Goodmundson, 45th Ave. and Clement St.
- REPAIR roof, \$28; 459 30th Street, Oakland; owner, C. E. Upham; contractor, N. V. Heathorn Roof Co., 354 Hobart St.; roof repairs, \$14.00.
- REPAIR roof, \$20; 525 7th St., Oakland; owner, Mrs. M. School, 5282 Jans St.; contractor, J. M. Bowers, 769 17th St.
- REPAIR roof, \$85; 1440 Franklin St.; owner, Sveteta, Ballroom, 1440 Franklin St.; contractor, Hogan Bldg. & Roof. Co., 3002 Foothill Blvd.
- REPAIR roof, \$25; 520 14th Street, Oakland; owner, Capwell Co., 520 14th St.; contractor, Hogan Bldg. and Roof. Co., 3002 Foothill Blvd.
- ALTER, \$150; 715 Webster St., Oakland; owner and builder, Chin Han Kee, 1522 8th St. Oakland; owner, Mrs. Elkins.
- RE-ROOF, \$160; 5253 Trask Street, 5253 Trask St.; contractor, Brown Roof Co., 623 49th St.
- ADDITION, \$150; 4114 Linden St., Oakland; owner and builder, A. Gutschula, 4114 Linden St.
- ADDITION, \$900; 1525 Mountain Blvd., Oakland; owner and builder, Mrs. Mary Kingsley, 1525 Mt. Blvd.
- RE-ROOF, \$130; 726 47th St., Oakland; owner, A. Chechi; contractor Camisa Bros. Roof. Co., 1217 Central Ave., Alameda.
- ADDITION, \$250; 2857 Hannah St., Oakland; owner and builder, J. H. Fitzmaurice, 2857 Hannah St.
- REPAIRS, \$150; 4339 Harbor Dr., Oakland; owner, Bertha G. Kornfield, 4339 Harbor Drive.
- SIGN, metal, \$50; 5751 Broadway, Oakland; owner, G. Taft; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

RE-ROOF, \$50; 3543 Porter St., Oakland; owner, E. E. Phillips, 1608 40th Ave.; contractor, Hogan Bldg. & Roofing Co., 3002 Foothill Blvd.

GARAGE, \$250; 1343 105th Avenue, Oakland; owner, C. Bannon, 1305 104th Avenue; contractor, S. J. Prunetti, 9239 Walnut St.

SIGN, metal, \$25; 140 14th St., Oakland; owner, Madison Grocery; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

SIGN, metal, \$60; 3104 Seminary Ave., Oakland; owner, Porges Drug Co.; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

SIGN, metal, \$20; 8617 Foothill Blvd., Oakland; owner, Mr. Quinge; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

SIGN, metal, \$20; 1535 Market St.; owner, Home Restaurant; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

SIGN, metal, \$50; 2801 Telegraph Ave., Oakland; owner, Sun Blest Market; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

SIGN, metal, \$50; 948 7th St., Oakland; owner, C. Serrville Pharmacy; contractor, Golden State Co., Ltd., 5307 Telegraph Ave.

SIGN, metal, \$15; 211 Franklin St.; owner, Calvo Sub-tropic Fruit Co., 211 Franklin St.; contractor, Davis & Kampling, 337 11th St.

SIGN, metal, \$25; 423 Washington St.; owner, Independent Wholesale Grocery, 423 Washington St.; contractor, Davis & Kampling, 337 11th St.

SIGN, metal, \$4; 2015 Telegraph Ave., Oakland; owner and builder, Wm. G. Roll, 2015 Telegraph Ave.

ALTER, \$300; 2722 Russell, Berkeley; owner, Mrs. Herbert, 2722 Russell; contractor, Fox Bros., 1478 University Ave.

REPAIRS, \$50; 831 Milton St., Oakland; owner, E. A. Baltzell, 831 Milton St.

ALTER, \$100; 5553 Lawton Avenue, Oakland; owner and builder, R. E. McGowan, 5553 Lawton Ave.

ADDITION, \$500; 3101 73rd Avenue, Oakland; owner, F. G. Miles, 1058 75th Ave.

RE-ROOF, \$135; 9500 C St., Oakland; owner, Frank Serrano, 9500 C St.; contractor, American Roof Co., 383 40th St.

RE-ROOF, \$190; 2532 Ritchie St., Oakland; owner, Chas. Rasmusen, 2532 Ritchie St.; contractor, American Roof Co., 383 40th St.

RE-ROOF, \$133; 3428 68th Avenue, Oakland; owner, M. K. Child, 3428 68th; contractor, American Roof Co., 383 40th St.

ALTER, \$390; 2248 Hight St., Oakland; owner, R. G. Peterson, 2248 Hight St.; contractor, Donnelly Roof Co., 1700 47th Ave.

ALTER, \$900; 5659 Gaskill St., Oakland; owner and builder, C. Sisto Troia, 1026 53rd St.

GAPAGE, \$100; 1615 Circle Hill Dr., Oakland; owner, E. P. Jolly, 7615 Circle Hill Drive.

REPAIR roof, \$80; 4008 Park Blvd., Oakland; owner, Mrs. Fountain, 4008 Park Blvd.; contractor, E. A. Pavne, 5801 Foothill Blvd.

RE-ROOF, \$230; 851 Colmar Avenue, Oakland; owner, Adele S. Roller, 851 Colmar Ave.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

SIGN, electric, \$450; 5998 Telegraph Ave., Oakland; owner, J. M. Borvna, 5998 Telegraph Avenue; contractor, Elec. Prod. Corp., 950 30th St.

YAKIMA PROJECT—GOVT)

YAKIMA PROJECT, Wash.—Natt McDougall Co., Portland, Oregon, at \$211,144.50 (Sched. 1) and Macri Bros. and L. Coluccio, Seattle, at \$152,401.75 (Sched. 2) submitted a combination low bid of \$363,547, to the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 815, for the construction of a earthwork, canal lining, and structures, station 1952 to station 2387, Yakima Ridge canal, Roza division, Yakima project, Wash. The work is located near Yakima, Wash. Work involves:

- SCHEDULE NO. 1
- (1) 592,500 c.y. excavation, common, for canal;
 - (2) 24,000 c.y. excavation, rock, for canal;
 - (3) 50,000 c.y. excavation for core banks;
 - (4) 115,000 sta. c.y. overhaul;
 - (5) 3,600 c.y. excavation, common, for structures;
 - (6) 100 c.y. excavation, rock, for structures;
 - (7) 1,000 c.y. excavation, common, for drainage channels and dikes
 - (8) 50 c.y. excavation, rock, for do;
 - (9) 24,500 c.y. compacting embankment;
 - (10) 2,600 sq. yds. preparing rock foundations for concrete lining;
 - (11) 59,000 sq. yds. trimming earth foundations for concrete lining;
 - (12) 15,000 c.y. earth lining of canal;
 - (13) 1,200 c.y. gravel blanket on inside of canal embankment;
 - (14) 3,300 c.y. backfill;
 - (15) 2,000 c.y. puddling or tamping backfill;
 - (16) 645 c.y. concrete in structures;
 - (17) 6,800 c.y. concrete in canal lining;
 - (18) 640,000 lbs. placing reinf. bars;
 - (19) 400 sq. yds. dry-rock paving;
 - (20) constructing 13,300 l.f. 6-inch diam. undergrounds with uncemented joints;
 - (21) laying 500 l.f. 6-in. dia. sewer

- pipe with cemented joints;
 - (22) laying 270 l.f. 12-in. dia. concrete pipe;
 - (23) laying 360 l.f. 18-in. dia. concrete pipe;
 - (24) laying 225 l.f. 30-in. dia. concrete pipe;
 - (25) laying 100 l.f. 36-in. dia. concrete pipe;
 - (26) installing 5,400 lbs. gages;
- SCHEDULE NO. 2:
- (27) 44,500 c.y. excavation, common, for canal;
 - (28) 750 c.y. excavation, rock, for canal;
 - (29) 6,900 c.y. excavation, common, for structures;
 - (30) 525 c.y. excavation, rock, for structures;
 - (31) 33,600 c.y. backfill;
 - (32) 900 c.y. puddling or tamping of backfill;
 - (33) 7,800 c.y. concrete in struc.;
 - (34) placing 1,887,000 lbs. reinf. bars;
 - (35) 600 sq. yds. dry-rock paving;
 - (36) installing 1,500 lbs. blow-off valves and connections.

Total bids follow:
 (A) Natt McDougall Co., Portland (Sch. 1) \$211,144.50; (Sch. 2) \$195,570; total, \$406,714.50.
 (B) J. A. Terteling & Sons, Boise, Idaho (Sch. 1) \$206,876; (Sch. 2) \$184,773.75; total, \$391,649.75.
 (C) H. J. Adler Const. Co., Yakima, (Sch. 1) \$215,221; (Sch. 2) \$187,696; total, \$372,917.
 (D) Barnard - Curtiss Co., Yakima, (Sch. 1) \$231,240.75; (Sch. 2) \$155,720.75; total, \$386,961.50.
 (E) Morrison - Kundsden Co., Inc., (Sch. 1) \$236,684; (Sch. 2) \$196,597; total, \$433,281.00.
 (F) L. Coluccio & Macri Bros., Seattle, (Sch. 1) \$240,428.50; (Sch. 2) \$152,401.75; total, \$392,830.25.
 (G) L. Romano Engr. Co., Seattle, (Sch. 1) \$290,862; (Sch. 2) \$173,000; total, \$463,862.00

Unit prices follow:

SCHEDULE NO. 1

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$1.15	\$1.167	\$1.125	\$1.125	\$1.13	\$1.13	\$1.17
(2)	.45	.30	.125	.125	.50	.50	.60
(3)	.12	.15	.15	.15	.16	.15	.20
(4)	.015	.015	.01	.01	.02	.015	.04
(5)	.50	.50	.50	.60	.40	.50	.50
(6)	1.00	.60	1.00	.60	3.00	.75	1.00
(7)	.50	.15	.30	.20	.20	.50	1.00
(8)	1.00	.50	1.00	.20	3.00	.75	2.00
(9)	.25	.15	.25	.20	.15	.20	.25
(10)	1.00	.75	.75	.45	1.00	.70	.60
(11)	.35	.40	.35	.45	.40	.45	.35
(12)	.15	.15	.15	.15	.20	.20	.50
(13)	1.60	2.00	2.00	2.00	1.50	1.90	3.00
(14)	.15	.25	.20	.20	.20	.15	.30
(15)	.75	.40	.50	.50	.40	.35	.50
(16)	24.00	17.00	20.00	19.00	22.00	20.00	20.00
(17)	7.60	8.00	8.75	10.00	9.50	10.00	12.00
(18)	.015	.015	.015	.02	.016	.02	.02
(19)	2.50	2.00	2.00	1.50	1.50	2.50	2.00
(20)	.55	.50	.60	.60	.55	.30	.50
(21)	.35	.50	.30	.50	.70	.40	.50
(22)	.55	.50	.75	.60	.70	.60	.60
(23)	.85	.75	.85	.75	1.00	.75	1.00
(24)	1.50	1.25	1.40	1.25	2.00	1.00	2.00
(25)	1.80	1.50	2.00	1.50	3.00	1.50	2.00
(26)	.05	.05	.05	.05	.10	.06	.10

SCHEDULE NO. 2

(27)	.18	.25	.25	.23	.19	.25	.50
(28)	.50	.50	.50	.23	1.00	.50	1.00
(29)	.50	.75	.50	.65	.50	.40	.50
(30)	1.00	.75	1.00	.65	2.00	.75	1.00
(31)	.20	.15	.15	.14	.20	.13	.20
(32)	.75	.40	.60	.40	.70	.50	.50
(33)	17.50	17.00	14.20	13.85	18.50	12.00	14.00
(34)	.02	.015	.013	.014	.016	.02	.015
(35)	2.50	2.00	2.00	1.50	1.50	2.50	2.00
(36)	.05	.05	.10	.05	.10	.06	.10

Use

'DAILY PACIFIC BUILDER'
 Builder Ads
 for Results

SISKIYOU COUNTY—GRADING—(STATE)

SISKIYOU COUNTY, Calif.—Hemstreet and Bell, P. O. Box 550, Marysville, at \$31,494.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 1.4 miles grading between one-half mile east of Hamburg and Scott River, (II-Sis-46-C), Siskiyou County.

Work involves:

- (1) 11 acres clear and grub;
- (2) 38,500 c.y. roadway excav. without class;
- (3) 600 c.y. struc. excav.;
- (4) 40,000 sta. yds. overhaul;
- (5) 20 c.y. ditch and channel excav.;
- (6) 4,900 cu. y. import. borrow;
- (7) 75 sta. finish roadway;
- (8) 18 c.y. class A Portland cement concrete structs.;

- (9) 1,500 lbs. bar reinf. steel;
 - (10) 732 l.f. installing 18-in. CMP;
 - (11) 24 l.f. installing 48-in. CMP;
 - (12) 24 l.f. salvage metal pipe culverts;
 - (13) 32 each culvert markers;
 - (14) 50 each monuments.
- (The State will furnish C.M.P. under items 10 and 11).

Total bids follow:

- (A) Hemstreet and Bell, Marysville, \$31,494.00.
- (B) Guerin Bros., San Francisco, \$34,953.30.
- (C) A. Soda & Son, Oakland, \$36,252.90.
- (D) Claude C. Wood, Lodi, \$36,316.00.
- (E) Harold Smith, St. Helena, \$38,226.40.
- (F) J. M. Walker, Berkeley, \$38,245.50.

- (G) Poulos and McEwen, Sacramento, \$38,324.60.
- (H) Young and Son Co., Ltd., Berkeley, \$38,567.80.
- (I) Wm. Von Der Hellen, Yreka, \$38,540.00.
- (J) Larsen Bros. and Harms Bros., Sacramento, \$41,992.00.
- (K) John Burman and Sons, Eureka, \$44,423.60.
- (L) West Const. Co., San Francisco, \$44,545.00.
- (M) Bennett and Taylor, Los Angeles, \$45,389.50.
- (N) J. P. Brennan, Redding, \$53,377.00.
- (O) Valley Const. Co., San Jose, \$65,458.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	\$100.00	\$100.00	\$100.00	\$100.00	\$145.00	\$100.00	\$217.00	\$100.00	\$300.00	\$ 75.00	\$200.00	\$ 75.00	\$312.00	\$200.00	\$500.00
(2)	.65	.745	.70	.73	.79	.80	.80	.79	.76	.90	.90	.97	.85	1.10	1.30
(3)	2.00	2.00	2.50	2.50	1.50	2.50	2.00	2.00	1.50	2.00	2.50	2.00	2.40	2.00	3.00
(4)	.01	.01	.01	.01	.01	.015	.005	.005	.01	.02	.01	.02	.027	.02	.02
(5)	2.00	2.00	1.00	2.50	1.00	2.50	2.00	1.00	1.50	2.00	2.00	2.00	4.00	2.00	3.00
(6)	.40	.50	.50	.62	.58	.36	.30	.70	.50	.50	.75	.45	.40	.60	.75
(7)	5.00	10.00	10.00	5.00	6.00	8.00	5.00	5.00	10.00	5.00	8.00	10.00	26.80	10.00	15.00
(8)	30.00	28.00	20.00	35.00	25.00	35.00	50.00	45.00	30.00	35.00	30.00	30.00	40.00	35.00	40.00
(9)	.07	.07	.08	.10	.06	.08	.10	.07	.08	.10	.10	.05	.065	.10	.10
(10)	.50	.40	2.50	.50	.70	.75	.30	.65	1.00	.50	.30	.50	1.35	2.00	1.00
(11)	1.00	1.50	7.50	2.00	2.00	2.00	.50	2.00	1.50	1.00	1.00	1.00	3.35	8.00	2.50
(12)	5.00	1.00	.85	1.00	1.00	.75	1.00	.50	1.00	.50	.50	.50	2.00	1.00	1.50
(13)	2.50	3.00	3.00	3.00	3.00	2.50	3.00	2.75	1.00	3.00	3.00	3.00	3.35	3.00	5.00
(14)	3.00	3.00	3.00	4.00	3.00	4.00	5.00	3.00	3.00	3.00	4.00	3.00	3.35	3.50	5.00

SAN BERNARDINO CO.—BRIDGE CONST.—(State)

SAN BERNARDINO COUNTY, Cal.—G. E. Kerns, 3712 Gaviota Ave., Long Beach, at \$44,964.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete slab bridge across San Antonio Wash and about 0.2 mile of grading and paving with asphalt concrete about one-eighth mile east of Los Angeles County line (VII-SBD-26-C), San Bernardino County.

Work involves:

- (1) 260 cu. y. remove conc.;
- (2) 185 M. gals water;
- (3) 2,200 c.y. roadway excav. without class;
- (4) 2,000 cu. y. struc. excav.;
- (5) 5,100 c.y. import. borrow;
- (6) 3,700 sq. yds. prepar. subgrade;
- (7) 11 sta. finish roadway;
- (8) 3,000 sq. yds. prepar. mix and

- shape shoulders;
- (9) 40 tcns liq. asph. SC-2 road mix surf. treat.;
- (10) 1,700 sq. yds. asph. paint blnder;
- (11) 1,725 tcns asph. conc.;
- (12) 193,000 lbs. bar reinf. steel;
- (13) 1,152 c.y. Class A Port. cement conc. struc.;
- (14) 11 c.y. Class A Portland cement concrete railing;
- (15) 630 lbs. misc. iron and steel;
- (16) 1 lot temporary barricades;
- (17) 200 sq. yds. rock and wire bank protection;
- (18) 22 c.y. class A Port. cem. conc. slope paving and cut-off wall;
- (19) 464 l.f. 24-inch CMP;
- (20) 24 l.f. remove, clean and salvage culvert pipe;
- (21) 130 c.y. Class A Port. cem. conc. curbs, sidewalks and driveways;
- (22) 4 each monuments;
- (23) 5 sta. remove traffic stripes;
- (24) 1 lot misc. items of work.

Total bids follow:

- (A) G. E. Kerns, Long Beach, \$44,964.50.
- (B) J. E. Haddock, Ltd., Pasadena, \$46,189.05.
- (C) Oscar Oberg, Los Angeles, \$46,454.40.
- (D) White & Wilberg, Santa Monica, \$47,753.95.
- (E) Dimmitt & Taylor, Los Angeles, \$48,125.50.
- (F) J. S. Metzger & Son, Los Angeles, \$49,805.90.
- (G) R. R. Bishop, Long Beach, \$49,813.25.
- (H) Contracting Engineers Co., Los Angeles, \$50,358.50.
- (I) C. O. Sparks and Mundo Engrg. Co., Los Angeles, \$52,018.00.
- (J) Valley Constr. Co., San Jose, \$54,910.50.
- (K) Byerts & Dunn, Los Angeles, \$58,057.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 5.00	\$ 5.00	\$ 4.50	\$ 5.00	\$ 11.00	\$ 5.00	\$ 3.00	\$ 3.50	\$ 6.00	\$ 10.00	\$ 5.00
(2)	1.25	1.00	1.00	1.30	1.00	1.00	2.00	1.50	1.00	1.50	2.00
(3)	.40	.30	.35	.22	.40	.30	.50	.40	.40	.50	.50
(4)	1.50	1.00	.75	.85	1.10	1.50	1.50	1.00	.90	1.00	2.00
(5)	.50	.85	.43	.66	.90	.50	.70	.60	.50	.50	1.00
(6)	.10	.10	.10	.13	.12	.10	.12	.11	.15	.09	.20
(7)	10.00	10.00	10.00	10.00	10.00	8.00	70.00	7.00	5.00	10.00	10.00
(8)	.10	.06	.08	.10	.08	.06	.10	.07	.07	.09	.10
(9)	10.00	7.50	8.60	13.00	7.00	8.00	10.00	8.00	7.00	8.00	7.00
(10)	.06	.04	.04	.05	.05	.05	.05	.03	.03	.05	.03
(11)	3.15	3.30	3.00	3.55	2.90	3.25	3.25	3.50	3.50	5.00	4.00
(12)	.042	.04	.045	.0465	.044	0.47	.04	.0425	.05	.045	.045
(13)	14.00	15.50	17.15	15.00	14.50	18.00	16.00	19.00	18.00	18.00	19.00
(14)	70.00	55.00	60.00	70.00	55.00	60.00	60.00	50.00	65.00	60.00	60.00
(15)	.25	.185	.20	.20	.20	.15	.20	20.00	.25	.20	.20
(16)	500.00	250.00	660.00	900.00	500.00	300.00	800.00	350.00	400.00	525.00	500.00
(17)	1.00	1.80	2.15	1.50	1.60	2.50	2.00	3.20	2.50	4.00	2.00
(18)	14.00	16.00	20.00	15.00	18.00	16.00	16.00	13.00	15.00	24.00	15.00
(19)	2.50	2.40	2.40	2.80	3.00	2.50	3.00	3.00	2.50	3.00	3.00
(20)	1.00	.60	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.50	1.00
(21)	14.00	12.00	14.00	15.00	14.00	15.00	16.00	15.00	13.00	19.00	15.00
(22)	3.00	4.00	5.00	4.00	5.00	3.00	3.00	5.00	3.00	3.00	2.00
(23)	20.00	5.00	10.00	10.00	10.00	6.00	10.00	20.00	10.00	14.00	10.00
(24)	900.00	1000.00	535.00	1000.00	800.00	572.15	2000.00	600.00	900.00	600.00	1793.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until January 16, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing materials and supplies, as follows:

BID NO. 6291: 100 gals. aluminum paint; fob shipping point and/or Government Island;

BID NO. 6290: Truck covers, canvas, bows, brackets, cleats, ridge poles fob shipping point and/or Government Island.

Plans and specifications may be obtained from the above office. *

GOVERNMENT ISLAND, Calif.—Until January 17, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6292, for lavatories, water closets, bath tubs, kitchen sinks, laundry trays; fob shipping point and/or Fresno.

Plans and specifications may be obtained from the above office. *

GOVERNMENT ISLAND, Calif.—Until Jan. 16, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6294, for 113 bbls. Portland cement; f.o.b. Bootjack Camp, near Mariposa.

Plans and specifications may be obtained from the above office. *

WAR DEPARTMENT

FORT MASON, Calif.—Until Jan. 19, 10:00 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. QM-6616-39-49, for 16 cast iron catchbasin frames and covers and 40 cast iron manhole frames and covers f.o.b. Presidio of San Francisco.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Jan. 19, 10:00 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. QM-6616-39-48, for concrete, non-reinforced pipe and fittings and clay, sewer pipe and fittings; f.o.b. Presidio of San Francisco.

Plans and specifications may be obtained from the above office. *

SACRAMENTO, Calif.—Until Jan. 17, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-162, for wire rope of uncoated, preformed, improved plow steel, Lang lay, filler wire, independent wire rope center, with 6 strands each composed of 19 wires; f.o.b. Rio Vista.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 16, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 888-39-172, for (1) furnish-

ing and installing 2 blower units and (2) furnishing and installing one engine-driven blower unit in the Plotting Switchboard Radio Room, Battery Townsley, Fort Cronkhite.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Jan. 25, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Bid No. 928-39-212, for gasoline, bowls, lavatories, globes, hose, rings, wrought iron pipe fittings, nipples, valves, etc.; f.o.b. Dock No. 1, Fort Mason.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Jan. 18, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-206, for one water heater; f.o.b. Dock No. 3, Fort Mason; spare parts for Markley Winches; f.o.b. Dock No. 1, Fort Mason.

Plans and specifications may be obtained from the above office. *

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Jan. 16 10 A. M., bids will be received by the State Purchasing Agent, Sacramento, under Quot. No. 35010, Req. No. 11562, for one 1-sack concrete mixer, tilting type, manufacturer's rating 7-S, to be mounted on 4-wheel pneumatic-tired roller bearing truck, and equipped with radiator-cooled 2-cylinder engine, power leader, and water measuring tank; fob Stockton.

Plans and specifications may be obtained from the above office. *

SACRAMENTO, Calif.—Until Jan. 18, 10:00 A. M., bids will be received by the State Purchasing Agent, Sacramento, under Quot. No. 35770, Req. No. 13859, for one 8-ft. pneumatic-tired, leaning-wheel grader without scarifier; f.o.b. Fruitvale, Oakland.

Plans and specifications may be obtained from the above office. *

EE

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing misc. supplies and materials, as follows: SCH. 5276: 1 motor truck chassis and one fueling unit for Seattle; January 17.

SCH. 5284: 1 motor truck for San Diego; January 20.

SCH. 5275: 150,000 lbs. cotton wiping cloths for Brooklyn; 85,000 lbs. do for Philadelphia; 500,000 lbs. do for Sewall's Point; 30,000 do for Pensacola; 200,000 lbs. do for San Diego; 100,000 lbs. do for Mare Island; 150,000 lbs. do for Puget Sound; January 17.

SCH. 5280: 2 heavy duty tractors, commercial stand, wheeled type complete with low pressure tires for San Diego; January 17.

SCH. 5230: welding rods, bronze or steel, for eastern and western yards; January 17.

SCH. 5287: 4 oil burning ranges and

4 set spare parts for Mare Island; January 24.

SCH. 5306: 12,150 lbs. dichlorodifluoromethane for Mare Island and fob San Francisco; Jan. 20.

SCH. 5305: 1 motor driven horizontal boring milling and drilling machine for Puget Sound; Jan. 24.

SCH. 5304: 2 tilting saw benches for Puget Sound; Jan. 24.

CANAL ZONE

PANAMA CANAL.—Until Jan. 20, 10:30 A. M., bids will be received by the General Purchasing Officer, Washington, D. C., under Spec. No. 3416, for galvanized or asbestos-protected corrugated metal roofing, and asphalt (for road and pavement construction); f.o.b. Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, The Panama Canal, Fort Mason, San Francisco. *

SAN FRANCISCO COUNTY PERMITS UNDER \$1000

BILLBOARD, \$13: 530 Folsom St.; owner, Foster and Kleiser Co., 1675 Eddy St.

SIGN, electric, \$150: 1448 Divisadero St.; owner, R. E. Behlow, prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

ALTER flats, \$700: 524 1/2 Third St.; owner, Nicholas J. Suttick, 5250 Third St.; contractor, United Rfg. and Siding Co., 2906 Mission St.

FLUE, \$30: 56 Macondray; owner, Mrs. Tompeke, 2100 Jones St.; contractor, Adrian Ramazzotti, 1473 Vallejo St.

BILLBOARD, \$7: E. 19th Ave. 100 S. Kirkham; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER store, \$185: 920 Geary Street; owner, Baldwin and Howell, 318 Kearny St.; contractor, L. A. Hinson, 756 4th Ave.

ALTER dwelling, \$300: 315 Missouri; owner, A. Ashborno, prem.; contractor, Victor Oliva, 927 Hampshire.

ALTER store and flats, \$350: 1434 Pine St.; owner, V. M. Riddell, c/o E. L. Simmons.

FLUE, \$25: 127 Winding Way; owner, Wm. P. Gillespie, premises.

ALTER flats, \$2000: 2971-73 Washington St.; owner, Rose Miller-lick, 1094 Mills Bldg.

ALTER store, \$200: 330 4th Street; owner, Mr. Carman, 328 4th St.; contractor, Jack Callaghan, 900 Clayton St.

BILBOARD, \$7: W. 1st St. 72 S. Kirkham; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER restaurant, \$400: NW Columbus Ave. and Lombard St.; owner, Lido Cafe, prem.; contractor, Schrader Iron Works, 1247 Harrison St.

SIGN, electric, \$400: 200 Potrero Ave.; owner, International Harvester Co., prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER dwelling, \$850: 1118 Fitzgerald Ave.; owner, M. Calhels, 2906 Mission St.; contractor, United Roofing and Siding Co., 2906 Mission St.

Section 671 & R
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Ninth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



State Calls Bids on Five
Contracts



Joseph Shaw Bids Tehama Highway Job



Building Permits, Advance Reports
of Building and Engineering
Projects

25
per Cop

Time Tested



EMPIRE
HARDWALL PLASTER

A Product of

PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO

COASTWIDE SERVICE

STARK-RATH

Printing & Publishing Company

JOSEPH I. STARK

RAYMOND J. RATH

*Most
Modern
Plant
in
San
Francisco!*

Commercial and Color Printers

**465 TENTH STREET
San Francisco, Calif.
Phone MArk et 7110**

Publishers of—
"DAILY PACIFIC BUILDER"
and
"PACIFIC CONSTRUCTOR"

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
465 Tenth Street, San Francisco, Phone MArket 7110

PAUL D. ANDERSON, *Editor*

Single Copies, 25c; By the Year, \$5.00

Vol. XXII

SAN FRANCISCO, CALIF., JANUARY 21, 1939

No. 3

ASK PROPOSALS FOR OVERPASS, FIVE BRIDGES

State Advertis Two North-
ern, Three Southern Calif.
Projects

SACRAMENTO, Jan. 17.—Five contracts covering construction of six bridges and grade separation structures and incidental highway work were ordered advertised for bids today by the State Highway Commission.

Bids on two Northern California projects will be opened in Sacramento February 8, State Highway Engineer C. H. Purcell announced. Proposals for the three remaining jobs, located in Southern California, will be opened February 9 in Los Angeles.

The work covered by the contracts ordered advertised today is located by counties as follows:

Humboldt County: construction of a reinforced concrete slab and girder bridge across Ohman Creek about nine miles north of Garberville. Work includes grading, road-mix surfacing and Class C seal coat to be applied to about two-tenths of a mile. Bids open February 8 in Sacramento.

Stanislaus County: Construction of a steel beam overhead structure with concrete deck across Southern Pacific tracks about four-tenths of a mile south of Turlock, and about three-tenths of a mile of grading and paving with Portland cement concrete. Bids open in Sacramento February 8.

Los Angeles County: Grading and paving four-tenths of a mile and construction of a reinforced concrete bridge on North Figueroa street between Sunset boulevard and Diamond street. Bids open Feb. 9 in Los Angeles.

San Bernardino County: Construction of two reinforced concrete single span slab bridge across Etiwanda wash, one located near Etiwanda avenue about 7 miles east of Ontario, and the other at East avenue about eight miles east of Upland. Bids open in Los Angeles February 9.

ROBERT E. MCKEE LOW ON BARRACKS

Robert E. McKee, 4700 San Fernando road, Los Angeles, yesterday submitted a low bid of \$479,100 to the Constructing Quartermaster at Ft. Mason for construction of Barracks "A" and "B" at Schofield Barracks, T. H. McKee's bid was the only one received at Fort Mason.

Lowest of the bids received at Hickam Field was \$514,700, submitted by Pacific Construction Co., Ltd., Honolulu. Tucker-McClure, Balboa, C. Z., received at New York in the amount of \$521,440.

H. Bertram Heads Master Plumbers

Officers and directors of the Master Plumbers' Association of San Francisco, Inc., to serve during the year 1939, were installed at the year's end, the group reports.

Harold Bertram is the new president, succeeding J. J. McLeod. Other officers are: S. J. DiVecchio, vice-president; Alex M. Forno, secretary; Chas. Noury, treasurer; and Geo. Y. Morton, executive secretary.

Directors to serve in 1939 are: J. J. McLeod, Wm. Monihan, E. A. Balling, Chas. Mayer, Chas. Welch, Kenneth Fahy, Geo. Rehn, Wm. R. Cook, J. Moresco, Wm. G. Koenig, and F. Boysen.

Delaware Firm Bids Boilers for Hawaii

WASHINGTON, D. C., Jan. 18.—Edgemoor Iron Works, Edgemoor, Delaware, today submitted low bid to the Navy Department Bureau of Yards and Docks on boilers for Pearl Harbor, T. H.

Amount of the Delaware firm's low proposal was \$288,157 on Item One and \$280,745 on Item Two.

Industrial Piping & Engineering Co., Baltimore, was second low bidder at \$297,500 for the first item. The Baltimore bidder submitted no price on Item Two.

JOSEPH SHAW BIDS TEHAMA HIGHWAY JOB

Oakland Bidder Low at \$110,-
000 on Bureau Grading,
Bridge Work

Joseph Shaw, Oakland, at \$110,000.31, yesterday submitted the low bid to District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads, San Francisco, for 1,098 miles of grading and constructing bridges on portions of Section A, B, C and E of Route 21, the Deer Creek Meadows National Forest Highway in Tehama county.

The second lowest bid was submitted by Hemstreet and Bell, at \$119,095.60, followed by Bennett & Taylor, at \$127,325.97.

Other bidders were: J. S. Metzger, \$130,867.50; C. W. Caletti and Co., \$132,739.93; Fred J. Maurer & Son, \$134,745.40; United Concrete Pipe Corp., \$136,541.85; Heafey-Moore and Fredrickson & Watson Construction Co., \$138,583.95; Union Paving Co., \$139,445.40; A. Soda and Son, \$143,318.84; Campbell Construction Co., \$144,029.05; Albert H. Siemer and John Carcano, \$146,860; A. Teichert and Son, \$152,118.26; C. J. Montague & Son, \$153,000; and R. G. Clifford, \$157,552.90.

Principal items included: 13,500 cubic yards of unclassified excavation; 3,407 cubic yards of unclassified excavation for structures; 1,600 cubic yards of unclassified excavation for borrow; 4,100 cubic yard miles haul; 1,159 cubic yards of Class A concrete; 287 cu. yds. of Class B concrete; 517 cu. yds. of Class D concrete; 225,510 lbs. of reinforcing steel; 391,700 lbs. of structural steel; 3.9 M FBM of untreated timber, including bridge iron.

Bids were taken under advisement by District Engineer C. H. Sweetser.

Factory sales of mechanical stokers during November, 1938, amounted to 7,917 units, as compared to 6,500 units sold during November, 1937, according to the monthly report of the Bureau of Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY			SIGN		Contractor—The Unit Bilt Fixture Co., 298 8th St.	
No.	Owner	Contractor	Amt.	(76) 599 SECOND STREET. Electric sign.	Architect—Not Given.	\$6,000
72	Cadenasso	Filippis	2000	Owner—L. A. Soap Co., prem.		
73	Carlson	Owner	6000	Contractor—Elec. Prod. Corp., 910 Harrison Street.		
74	Graham	Graham	4000	Architect—Not given.	\$1200	
75	Johnson	Owner	3500	ADDITION		
76	L.A. Soap	Elec Prod.	1200	(77) E. TREAT AVE. 150 N. 20th. Warehouse addition.		
77	Regal Amber	Owner	5000	Owner—Regal Amber Brewing Co., 675 Treat Ave.		
78	Standard	Owner	5000	Engineer—Robert A. Hanson, 608 Indiana.		
79	Wolosky	Owner	5000	Architect—Not given.	\$5000	
80	Youngman	Owner	3500	INSTALL VAULT		
48	Dahlstrom	Owner	3500	(78) 225 BUSH STREET. Install vault.		
49-50	Dall	Owner	3500	Owner—Standard Oil Co., prem.		
51	Evers	Owner	3500	Architect—Not given.	\$1900	
52	Heyman	Owner	4500	ALTERATIONS		
53	Plensky	Owner	2500	(79) 1246 WEBSTER STREET. Alter auto sales room.		
54	Rubins	Unit Bilt	6000	Owner—Louis Wolosky, prem.		
51-2	Huenergardt	Owner	3000	Contractor—Not selected.		
83	Le Ray	Wold	4000	Architect—Andrew H. Knoll, Hearst Building.		
84	Beacock	Harder	3500	DWELLING		
85	Doelger	Owner	5000	(80) S 23rd AVE. 165 E. Hoffman. One-story and basement frame dwelling.		
86	Huenergardt	Owner	3000	Owner—G. Youngman, 3366 22nd St.		
87	Jessen	United	1300	Contractor—G. L. Plov, 395 Monterey Blvd.		
88-9	Ryan	Aetna	3000	Architect—Not given.	\$4250	
90-1	Sullivan	Cowen	2500	DWELLING		
92	Telegraph	Nelson	1600	(48) N WILDER 50 E Carrie. One-story and basement frame dwelling.		
93	Vigen	Owner	3500	Owner and Builder—Gust Dahlstrom, 160 Castro Street.		
94	Wash	Owner	1000	Architect—Not Given.	\$3,500	
95	Zuzek	Zinkand	1000	DWELLING		
96	Anderson	Owner	4200	(49) NW ALEMANY and Oneida. One - story and basement frame dwelling.		
97	Anderson	Owner	3900	Owner and Builder—John Dall, 621 Cordova St.		
98	Di Maggio	D'Amico	2000	Architect—Not Given.	\$3,500	
99	Dorn	Ideal	1000	DWELLING		
100-1	Duerner	Owner	3500	(51) W 37th AVE. 25 S Santiago. One - story and basement frame dwelling.		
102	Gardano	Tait	3500	Owner and Builder—Kenneth Evers, 55 San Rafael Ave.		
103	Grace	Early	10000	Architect - C. O. Clausen, 746 46th Avenue.	\$3,500	
104	Johnson	Owner	2000	DWELLING		
105	Keil	Jones	2000	(52) N SWEENEY 172 W Bowdoin. One - story and basement frame dwelling.		
106-11	McKeon	Owner	3000	Owner and Builder—Heyman Bros., 742 Market Street.		
112-3	Struthers	Owner	2500	Architect—Not Given.	\$4,500	
114	Union Oil	Aetna	1000	ALTERATIONS		
115	Williams	Ponsere	2000	(53) 2208 15th ST. Alter apts.		
116	Carraro	Owner	3450	Owner and Contractor—S. Plensky, 30 Los Olivos Ave., Daly City.		
117	Caswell	Elec	2100	Architect—Not Given.	\$2,500	
118	Davis	Dal Bon	2000	ALTERATIONS		
119	Elb	Owner	1000	(54) 967 MARKET ST. Alter store.		
120	Eugene	Grant	4000	Owner—Jos. Rubins, 967 Market St.		
121	Mori	Coburn	1000	DWELLING		
122	Nelson	Owner	4000	(75) W 29th AVE. 106 N. Quintara. One-story and basement frame dwelling.		
123	Nelson	Owner	4500	Owner—N. E. Johnson, 168 Lunado Street.		
124	Nelson	Owner	6000	Architect—Not given.	\$4000	
1125-7	Rousseau	Owner	10000	DWELLING		
128	West Coast	Owner	1000	(81) W 35th AVE 50 N Rivera. One-story and basement frame dwelling.		
ALTERATIONS				Owner—D. G. Huenergardt, 2179 35th Avenue.		
(72) E JACKSON and Montgomery Streets. Alter restaurant.				Architect—Not given.	\$3000	
Owner—L. Cadenasso, 628 Montgomery Street.				DWELLING		
Contractor—V. Filippis, 628 Montgomery Street.				(82) NW 35th AVE and Rivera. One-story and basement frame dwelling.		
Architect—A. R. Denke, Broadway Building, Oakland.				Owner—D. G. Huenergardt, 2179 35th Ave.		
				Architect—Not given.	\$3000	
FLATS				DWELLING		
(73) KIRKHAM 71 E. 16th Avenue. Two-story and basement frame flats.				(83) NW NOE AND DAY STS. One-story and basement frame dwelling.		
Owner—Carlson and Nelson, 1593 29th Avenue.				Owner—Thomas Le Ray, 1229 Chestnut St.		
Architect—Not given.				Contractor—John L. Wold, 153 Oxford St.		
				Architect—Not given.	\$4000	
DWELLING				DWELLING		
(74) E. 45th AVE 210 S. Irving St. One-story and basement frame dwelling.				(84) S GARFIELD 75 E Victoria. One - story and basement frame dwelling.		
Owner—N. E. Graham, 728-A 35th Avenue.				Owner—Earl Beacock, 240 Van Ness Avenue South.		
Contractor—Graham and Jensen, 728 35th Avenue.				Contractor—Gerrit Harder Co., 240 Van Ness Ave. South.		
Architect—Not given.				Architect—Not Given.	\$3,500	
DWELLING				DWELLING		
(75) W 29th AVE. 106 N. Quintara. One-story and basement frame dwelling.				(85) W 15th AVE. 270 N Pacheco. Two - story and basement frame dwelling.		
Owner—N. E. Johnson, 168 Lunado Street.				Owner and Builder—Henry Doelger Bldr., Inc., 320 Judah Street.		
Architect—Not given.				Architect—Not Given.	\$5,000	
DWELLING				DWELLING		
(75) W 29th AVE. 106 N. Quintara. One-story and basement frame dwelling.				(86) W 35th AVE. 50 N Rivera St. One - story and basement frame dwelling.		
Owner—N. E. Johnson, 168 Lunado Street.				Owner and Builder—D. G. Huenergardt, 2179 35th Avenue.		
Architect—Not given.				Architect—Not Given.	\$3,000	
ALTERATIONS				ALTERATIONS		
(54) 967 MARKET ST. Alter store.				(87) 1089 GILMAN AVENUE. Alter dwelling.		
Owner—Jos. Rubins, 967 Market St.				Owner—Ila Jessen, 1089 Gilman Ave.		
				Contractor—United Roofing & Siding Co., 2906 Mission Street.		
				Architect—Not Given.	\$1,390	
ALTERATIONS				DWELLING		
(53) 2208 15th ST. Alter apts.				(88) S SATURN 272 E Temple. One - story and basement frame dwelling.		
Owner and Contractor—S. Plensky, 30 Los Olivos Ave., Daly City.				Owner—J. F. Ryan, c/o contractor.		
Architect—Not Given.				Contractor—Aetna Const. Co., 1730 24th Avenue.		
				Architect—Not Given.	\$3,000	
ALTERATIONS				DWELLING		
(54) 967 MARKET ST. Alter store.				(89) E SATURN 247 East Temple. One - story and basement frame dwelling.		
Owner—Jos. Rubins, 967 Market St.				Owner—J. P. Ryan, c/o contractor.		
				Contractor—Aetna Const. Co., 1730 24th Avenue.		
				Architect—Not Given.	\$3,000	
ALTERATIONS				DWELLING		
(54) 967 MARKET ST. Alter store.				(90) W 44th AVENUE 125 S Rivera. One - story and basement frame dwelling.		
Owner—Jos. Rubins, 967 Market St.				Owner—J. Sullivan, 835 Turk Street.		
				Contractor—Stanley Cowan, 924 Taraval Street.		
				Architect—C. O. Clausen, 746 46th Avenue.		
					\$2,500	

- DWELLING**
(91) W 4th AVENUE 100 S Rivera. One - story and basement frame dwelling.
Owner—J. Sullivan, 835 Turk Street.
Contractor—Stanley Cowan, 924 Taraval Street.
Architect—C. O. Clausen, 746 46th Avenue. \$2,500
- ALTERATIONS**
(92) 1736 STOCKTON Street. Alter Community Center.
Owner—Telegraph Neighborhood Association, 1736 Stockton Street.
Contractor—O. Nelson, 210 Post St.
Architect—Not Given. \$1,600
- DWELLING**
(93) W 47th AVE. 250 S Taraval. One - story and basement frame dwelling.
Owner and Contractor—Elias Vigen, 1346 46th Avenue.
Architect—Not Given. \$3,500
- ALTERATIONS**
(94) 8-18 CAMERON Alley. Alter store.
Owner and Contractor—Keen Wah Co., 9 Old Chinatown.
Architect—Not Given. \$1,000
- ALTERATIONS**
(95) 706 SANCHEZ STREET. Alter flat.
Owner—Jos. Zuzek, c/o contractor.
Contractor—Ed. Zinkand & Son, 667 36th Avenue.
Architect—Not Given. \$1,000
- DWELLING**
(96) W 34th AVE. 125 N Kirkham. One - story and basement frame dwelling.
Owner and Builder—N. W. Anderson, 614 Taraval Street.
Architect—Not Given. \$4,200
- DWELLING**
(97) E 14th AVE. 275 S Ulloa St. One - story and basement frame dwelling.
Owner and Builder—S. R. Anderson, 1433 Seventh Ave.
Architect—C. O. Clausen, 746 46th Avenue. \$3,900
- ALTERATIONS**
(98) S JEFFERSON 150 W Taylor. St. Alter restaurant.
Owner—Joe Di Maggio, premises.
Contractor—Tony D'Amico, 2345 Polk Street.
Architect—Conrad T. Kett, Clunie Building. \$2,000
- ALTERATIONS**
(99) SE DRUMM and Washington Sts. Alter commission house.
Owner—Dorn Properties, 1601 Russ Building.
Contractor—Ideal Heat & Sheet Metal Works, 1038 Howard St.
Architect—Not Given. \$1,000
- DWELLING**
(100) E FUNSTON AVE. 75 S Lawton St. One-story and basement frame dwelling.
Owner and Builder—James C. Duermer, 250 Ortega Street.
Architect—Not Given. \$3,500
- DWELLING**
(101) E FUNSTON AVE. 50 S Lawton St. One-story and basement frame dwelling.
Owner and Builder—James C. Duermer, 250 Ortega Street.
Architect—Not Given. \$3,500
- ALTERATIONS**
(102) 3906 IRVING ST. Alter store.
Owner—Jos. Gardano, 1267 41st Ave.
Contractor—W. C. Tait, 883 Market.
Architect—Not Given. \$1,000
- ALTERATIONS**
(103) NE THIRD and Mission Sts. Alter hotel and stores.
Owner—Mrs. Grace, c/o contractor.
Contractor—Fred J. Early, Jr., 369 Pine Street.
Architect—Not Given. \$10,000
- DWELLINGS**
(104) W ALEMANY 237, 262, 287, 312, 337, 362 N Seneca. Six one-story and basement frame dwellings.
Owner and Builder—J. A. Johnson, 69 Madison Street.
Architect—Donnell E. Jaekle, 126 Post Street. Cost \$2,000 each.
- ALTERATIONS**
(105) 770 MISSION St. Alter wholesale house.
Owner—Keil Estate Co., Phelan Bldg.
Contractor—Paul K. Jonck, 666 Mission Street.
Architect—Not Given. \$2,000
- DWELLING**
(106) E 31st AVE. 250 S Quintara. One - story and basement frame dwelling.
Owner and Builder—C.T. McKeon, 2194 30th Avenue.
Architect—Not Given. \$3,000
- DWELLING**
(107) E 31st AVE. 350 S Quintara. One - story and basement frame dwelling.
Owner and Builder—C.T. McKeon, 2194 30th Avenue.
Architect—Not Given. \$3,000
- DWELLING**
(108) E 31st AVE. 300 S Quintara. One - story and basement frame dwelling.
Owner and Builder—C.T. McKeon, 2194 30th Avenue.
Architect—Not Given. \$3,000
- DWELLING**
(109) E 31st AVE. 275 S Quintara. One - story and basement frame dwelling.
Owner and Builder—C.T. McKeon, 2194 30th Avenue.
Architect—Not Given. \$3,000
- (110) E 31st AVE. 225 S Quintara. One - story and basement frame dwelling.
Owner and Builder—C.T. McKeon, 2194 30th Avenue.
Architect—Not Given. \$3,000
- DWELLING**
(111) E 31st AVE. 325 S Quintara. One - story and basement frame dwelling.
Owner and Builder—C.T. McKeon, 2194 30th Avenue.
Architect—Not Given. \$3,000
- DWELLING**
(112) SW SILVER AVE. 46 NE Santa Fe Ave. One-story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. \$2,500
- DWELLING**
(113) NE SILVER AVE. and Santa Fe Ave. One-story and basement frame dwelling.
Owner and Builder—M. T. Struthers, 4250 Mission Street.
Architect—Not Given. \$2,500
- ALTERATIONS**
(114) 15th and MARKET STS. Alter service station.
Owner—Union Oil Co. of California, premises.
Contractor—Aetna Const. Co., 1730 24th Avenue.
Engineer—Warren E. Murray, 908 Hayes Street. \$1,000
- ALTERATIONS**
(115) 1106 STOCKTON Street. Alter factory.
Owner—E. Williams and Co., 1111 Stockton Street.
Contractor—V. Ponsoero, 3 Stark St.
Architect—Not Given. \$2,000
- DWELLINGS**
(116) W LANE 25, 50, 75, 100 South Thomas Ave. Four 1-story and basement frame dwellings.
Owner and Builder—G. Carraro, 750 Felton Street.
Architect—Not Given. \$3,450
- SIGN**
(117) 642 HARRISON Street. Roof sign.
Owner—Geo. W. Caswell Co., prem.
Contractor—Electric Prod. Corp., 910 Harrison Street.
Architect—Not Given. \$2,100
- RESTAURANT**
(118) NE GEARY and Boyce. One-story frame restaurant.
Owner—Davis Realty Co., Fourteenth Ave. and Geary St.
Contractor—John Dal Bon and Son, 1307 Gilman Avenue.
Architect—Not Given. \$2,000
- ALTERATIONS**
(119) 1737-39 CHURCH ST. Alter flats.
Owner and Contractor—R. H. Elb, 1737-39 Church St.
Architect—Not Given. \$1,000
- ALTERATIONS**
(120) 74 RETIRO WAY. Alter apts.
Owner—M. Eugene, 74 Retiro Way.
Contractor—Lincoln U. Grant, 653 3rd Avenue.
Architect—Not Given. \$4,000
- ALTERATIONS**
(121) 1265 SEVENTH Ave. Alter flats.
Owner—E. D. Mori, premises.
Contractor—Tra W. Coburn, 2048 Market Street.
Architect—Not Given. \$1,000
- DWELLING**
(122) W CORBETT AVE. 396 South Pemberton Place. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$4,000
- DWELLING**
(123) E CORBETT AVE. 125 South Iron Alley. Two-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$4,500
- DWELLING**
(124) W 25th AVE. 274 N Ocean Ave. One - story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. \$6,000
- DWELLING**
(125) E OCTAVIA 35 S Pacific Ave. Two - story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$10,000
- DWELLING**
(126) E OCTAVIA 61 S Pacific Ave. Two - story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$10,000
- DWELLING**
(127) E OCTAVIA 87 S Pacific Ave. Two - story and basement frame dwelling.

Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect.—Not Given. \$10,000

SIGN
(128) MARKET and Fulton Streets.
Electric roof sign.

Owner and Builder—West Coast Adv. Co., 1430 Divisadero Street.
Architect.—Not Given. \$1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
37	Boggs	MacGregor	2500
38	Denbigh	Fox Bros	2000
39	Gaeta	Windish	3000
40	Lahti	Owner	4000
41	McCrary	Owner	3500
42	Vila	Owner	4000
43	Fox	Hopper	9850
44	Johnston	Milton	4500
45	Marshall	Hoffman	3500
46	Scanlan	Flagg	3000
47	Williams	Owner	3000
55	Letendre	Bonds	6000
56	Reininghaus	Owner	3500
57	Trogia	Owner	3000
58	Baker	Owner	3000
59	Blair	Barr	1000
60	Boyd	Boyd	4500
61	Mead	Owner	3300
62	Scanlon	Owner	3000
63	Josi	Jordan	5500
64	Bragg	Johnston	5500
65	De Vincenzi	Bay Cities	1000
66	O'Connor	Pereira	3200
67	Perke	Smith	3800
68	Roth	Johnston	5000
69	Voigtlander	Huber	3300
70	Willoughby	Petersen	10500
71	Erickson	Andrews	5000
72	Fischer	Hoffman	10000
73	Gaeta	Angello	3000
74	Gat	McNutt	7200
75	Marshall	Calif. Home	1000
76	Neiper	Boshion	4000
77	Tournier	Stead	1000
78	Tuttle	Austin	1800
79	Amer. Can	Bender	4000
80	Amer. Can	Bender	4000
81	Heraty	Jensen	2750
82	Ludlow	Woodburn	5000
83	Malcne	Brown	2250
84	Pac. Rubber	McWhey	18000
85	Pfrang	Owner	4000
86	Pedigo	Fey	1100
87	State Cal.	Dept. Inst	250000
88	Cal. Prune	Elec. Prod.	1425
89	City of Ber.	Dinwiddie	268800
90	Westphal	Owner	4000
91	Crigrar	Tollefsen	6500
92	Davin	Head	1800
93	Gilly	Soder	6500
94	Lyon	Owner	3500
95	Mortensen	Spaulding	5800
96	Preston	McCarthy	3500
97	Roseberg	Owner	5000
98	Tiedeman	Rlson	1000

DWELLING
(37) 709 STANNAGE AVENUE,
ALBANY. One-story, 4-rm. frame
dwelling.

Owner—Charlotte M. Boggs, 1019
Waverly Ave., Palo Alto.

Contractor—C. M. MacGregor, 1391
Solano.
Architect.—Not given. \$2500

ADDITIONS
(38) 2428 SHATTUCK, BERKELEY.
Additions.

Owner—B. K. Denbigh, 2123 Center.
Contractor—Fox Bros., 1478 Univer-
sity.
Architect.—Not given. \$2000

DWELLING
(39) 820 MADISON, ALBANY. One-
story, 5-room frame dwelling.
Owner—G. D. Gaeta, 816 Kains.
Contractor—Wm. Windish, 968 41st
St., Oakland.
Architect.—Not given. \$3000

DWELLING
(40) 1114 CURTIS, ALBANY. One-
story, 5-room frame dwelling.
Owner and Builder—Paul Lohti, 1053
Neilson St.
Architect.—Not given. \$4000

DWELLING
(41) 1135 EVELYN, ALBANY. One-
story, 5-room frame dwelling.
Owner and Builder—Geo. D. Mc-
Crary, 1055 Evelyn.
Architect.—Not given. \$3500

DWELLING
(42) 739 CURTIS, ALBANY. One-
story, 5-room frame dwelling.
Owner and Builder—Joe Vila, 1207
Solano.
Architect.—Not given. \$4000

ALTERATIONS
(43) 1320 BROADWAY, OAKLAND.
Alterations.
Owner—Fox West Coast Theatres,
988 Market St., San Francisco.
Contractor—Alfred J. Hopper, 243
Langton St., San Francisco.
Architect.—Not given. \$9850

DWELLING
(44) 4331-33 BROOKDALE AVE.,
OAKLAND. One-story, 6-room,
2-family dwelling.
Owner—Floyd Johnston.
Contractor—C. E. Milton, 3408 65th
Avenue.
One-story garage, \$250.
Architect.—Not given. \$4500

DWELLING
(45) 2215 89th AVE., OAKLAND. One-
story, 5-room dwelling.
Owners—Mr. and Mrs. Marshall, 2215
90th Ave.
Contractor—E. F. Hoffman, 7405
Foothill Blvd.
Garage, \$300.
Architect.—Not given. \$3500

DWELLING
(46) 4778 REDDING ST., OAKLAND.
One-story, 5-room dwelling.
Owner—Thos. E. Scanlan.
Contractor—A. J. Flagg, 3743 Loma
Vista Ave.
Architect.—Not given. \$3000

DWELLING
(47) 250 CAPRICORN AVE., OAK-
LAND. One-story, 5-rm. dwelling.
Owner—H. E. Williams, 449 Scenic
Ave., Piedmont.
Architect.—Not given. \$3000

DWELLING
(55) 736 GRIZZLY PEAK, BERKE-
LEY. One-story, 6-room frame
dwelling and garage.
Owner—E. J. Letendre, 73 Alamo.
Contractor—Milton S. Bonds, 851
Creston Road.
Architect.—Not given. \$6000

DWELLING
(56) 1690 VIRGINIA GARDENS,
Berkeley. One-story, 5-rm. frame
dwelling and garage.
Owner and Builder—B. Reininghaus,
117 El Camino Real.
Architect.—Not given. \$3500

DWELLING
(57) 1139 PARKER, BERKELEY.
One-story, 5-room frame dwell-
ing.
Owner and Builder—Paul Trogia,
2634 Matthews.
Architect.—Not given. \$3000

DWELLING
(58) 2362 88th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner and Builder, W. J. Baker,
2955 Ransome Ave.
One-story garage, \$200.
Architect.—Not given. \$3000

ALTERATIONS & ADDITION
(59) 1384 31st ST., OAKLAND. Alter
and addition.
Owner—David K. Blair, 1384 31st St.
Contractor—Robt. J. Barr, 874 41st
Street.
Architect.—Not given. \$1000

DWELLING
(60) 4355 HARBORD DRIVE, OAK-
LAND. One-story, 5-room dwell-
ing.
Owner—Maud Boyd, 4209 Shafter
Ave.
Contractor—Robert Boyd, 4209 Sha-
fter Ave.
Architect.—Not given. \$4500

DWELLING
(61) 2276 106th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—Mead & Moon, 1632 68th Ave.
Garage, \$150.
Architect.—Not given. \$3300

DWELLING
(62) 2584 61st AVE., OAKLAND.
One-story, 5-room dwelling.
Owner and Builder—Thos. A. Scan-
lon, 3839 Randolph Ave.
One-story garage, \$150.
Architect.—Not given. \$3000

DWELLING
(63) 1048 CRESTON ROAD, BER-
KELEY. Two-story, 7-rm. frame
dwelling and garage.
Owner—B. B. Josi, 713 San Carlos.
Contractor—M. Jordan, 979 Mt. Blvd.,
Oakland.
Architect.—Not given. \$5500

DWELLING
(64) 2380 LEIMERT BLVD., OAK-
LAND. One-story, 5-rm. dwell-
ing.
Owner—Gene Brag, 827 Paloma Ave.
Contractor—Jay R. Johnston, 15022
Broadway Terrace.
Architect.—Not given. \$5500

ALTERATIONS
(65) 407 ORANGE ST., OAKLAND.
Alter.
Owner—Madeline De Vincenzi.
Contractor—Bay Cities Asbestos Co.,
5th Ave. and East 12th St.
Architect.—Not given. \$1000

DWELLING
(66) 5454 HOLLAND STREET, Oak-
land. One-story, 5-room dwelling.
Owner—J. F. O'Connor.
Contractor—O. V. Pereira, 3301 Co-
lumbian Drive.
One-story garage, \$250.
Architect.—Not given. \$3200

DWELLING
(67) 9617 GOLF LINKS ROAD, Oak-
land. One-story, 5-room dwelling.
Owner—Otto F. Perke, Oakland.
Contractor—Geo. O. Smith, 9612 Golf
Links Road.
Architect.—Not given. \$3800

DWELLING
(68) 12005 BROADWAY TERRACE,
OAKLAND. Two-story, 8-room
dwelling.
Owner—Harold Roth, 6631 Heather
Ridge Way.
Contractor—Jay R. Johnston, 15022
Broadway Terrace.
Architect.—Not given. \$5000

DWELLING
(69) 3670 MADRONE AVE., OAK-
LAND. One-story, 5-room dwell-
ing.
Owner—Earl Voigtlander, 3664 Ma-
drone Ave.
Contractor—J. E. Huber, 2019 25th
Avenue.
Architect.—Not given. \$3300

DWELLING (70) 6316 CHELTON DRIVE, Oakland. Two-story, 6-room dwelling. Owner—W. Willoughby. Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave. Contractor—R. F. Kufner, 585 Mandana Blvd. Architect—Not given. \$10,500	Paving Co., 18th and Bryant Sts., San Francisco. Architect—Not given. \$4000	DWELLING (90) 1222 EVELYN, BERKELEY. One-story, 5-room frame dwelling and garage. Owner and Builder—H. Westphal, 1713 Grant. Architect—Not given. \$4000
DWELLING (70) 6316 CHELTON DRIVE, OAKLAND. Two-story 6-room dwelling. Owner—W. Willoughby. Contractor—J. B. Petersen and Son, 4021 Agua Vista Ave. Architect—R. F. Keefe, 585 Mandana Blvd. \$10,500	RE-ROOF (80) 3815 EAST 8th ST., OAKLAND. Re-roof. Owner—American Can Co., 111 Sutter St., San Francisco. Contractor—J. W. Bender Roof and Paving Co., 18th and Bryant Sts., San Francisco. Architect—Not given. \$4000	DWELLING (91) 49 SONIA ST., OAKLAND. Two-story, 6-room dwelling. Owner—Joe Criglar, 5838 Birch Ct.; Contractor—Chris Tollefsen, 1755 High St. Architect—Not given. \$6500
DWELLING (71) 1112 NEILSON, ALBANY. One-story, 6-room frame dwelling. Owner—H. E. Erickson, 1492 Solano. Contractor—Edw. L. Andrews, 1064 Neilson St. Architect—Loy Chamberlain. \$5000	DWELLING (81) 5925 SHERWOOD DRIVE, Oakland. One-story, 4-room dwelling. Owner—Phil Heraty, 488 Fairbanks Avenue. Contractor—Harry K. Jensen, 2757 Rawson St. One-story garage, \$200. Architect—Not given. \$2750	ADDITION (92) 9803 FOOTHILL BLVD., OAKLAND. Addition. Owner—Alphonse Davin, 1600 Church Street. Contractor—Ernest Read, 552 Pala Ave., San Leandro. Architect—Not given. \$1800
BUILDING (72) 1121 ADDISON, BERKELEY. Two-story, 12-room apt. bldg. Owner—Chester & Sarah Fischer, 1127 Addison. Contractor—E. F. Hoffman, 7405 Foothill Blvd., Oakland. Engineer—R. R. Randall, 8032 Foothill Blvd., Oakland. Architect—Not given. \$10,000	DWELLING (82) 1452 MOUNTAIN BLVD., Oakland. One-story, 5-room dwelling. Owner—Lloyd E. Ludlow, 211 York Drive. Contractor—Ridgeway Woodburn, 2600 La Cuesta. One-story garage, \$500. Architect—Not given. \$5000	DWELLING (93) 6425 MOKELUMNE AVENUE, OAKLAND. Two-story, 6-room dwelling. Owner—W. Gilly. Contractor—Oscar Soder, 4335 Sequoyah Road. Architect—Not given. \$6500
DWELLING (73) 102 TALBOT, ALBANY. One-story, 5-room frame dwelling. Owner—G. D. Gaeta, 816 Kains. Contractor—R. B. Angelo, 2131 14th Ave., Oakland. Architect—Not given. \$3000	ADDITION (83) 4255 HOPKINS ST., OAKLAND. One-story brick addition. Owner—R. C. Malone, 2318 47th Ave. Contractor—L. R. Brown, Walnut Creek. Architect—Not given. \$2250	DWELLING (94) 4042 CANON AVE., OAKLAND. One-story, 5-room dwelling. Owner and Builder—Chas. D. Lyon, 6501 Buena Ventura Ave. One-story garage, \$200. Architect—Not given. \$3500
DWELLING (74) 2351 SAN PABLO, BERKELEY. Two-story, 7-room store and dwelling and garage. Owner—Wong Bong Gat, 172 8th St., Oakland. Contractor—McNutt Bros., 7615 Lewiston Ave., El Cerrito. Engineer—C. P. Martin, 430 34th St., Richmond. Architect—Not given. \$7200	ADDITION (84) 4901 E 12th ST., OAKLAND. Second story additio. Owner—Pac. Publer & Fire Mfg. Co., 4901 E. 12th St. Contractor—McWethy & Land, 1730 Franklin St. Architect—A. V. Saph, Rialto Bldg., San Francisco. \$18,000	DWELLING (95) 4437 HARBOR VIEW AVENUE, OAKLAND. One-story, 5-room dwelling. Owner—H. Mortensen, 3729 High St. Contractor—P. Spaulding, 1511 Union St., Alameda. Architect—H. S. Hurd, Oakland. \$5800
DWELLING (75) 2128 10th ST, BERKELEY. Repairs. Owner—A. W. Marshall, 2128 10th St. Contractor—Calif. Home Imp. Co., 829 26th St., Oakland. Architect—Not given. \$1000	DWELLING (85) 17 TEMPLAR PLACE, OAKLAND. One-story, 5-room dwelling. Owner and Builder—H. C. Pfrang, 5659 Ocean View Drive. Architect—Not given. \$4000	DWELLING (96) 3056 BLOSSOM ST., OAKLAND. Two-story, 6-room dwelling. Owner—Marylene Preston. Contractor—Daniel McCarthy, 2647 Fruitvale Ave. Architect—Not given. \$5500
DWELLING (76) 1289 BRIGHTON, ALBANY. One-story, 5-room frame dwelling. Owner—Carl H. Neiper, 848 Solano. Contractor—D. Boshion, 439 Coventry Road. Architect—Not given. \$4000	ADDITION (86) 4531 REINHARDT DR., OAKLAND. Addition. Owner—W. P. Pedigo, 4531 Reinhardt Drive. Contractor—Svdney J. Fev & Glen Salberg, 1018 Taylor Ave., Alameda. Architect—Not given. \$1100	DWELLING (97) 5471-83 BOND ST, OAKLAND. One-story, 8-room, 2-family dwelling. Owner and Builder—August Rosenberg, 1712 48th Ave. Architect—Not given. \$5000
ADDITIONS (77) 2415 FULTON, BERKELEY. Additions. Owner—A. Drummer, 2415 Fulton St. Contractor—F. A. Stead, 3206 Boise. Architect—Not given. \$1000	DORMITORY (87) 3601 TELEGRAPH AVENUE, OAKLAND. Two-story, 43-room concrete dormitory. Owner—State of Calif., Sacramento. Contractor—Dept. of Institutions, Sacramento. Plans by—State Dept. of Architecture, Sacramento. \$250,000	ALTERATIONS (98) 2100 23rd AVE., OAKLAND. Alterations. Owner—G. W. Tiedemann, 2100 23rd Avenue. Contractor—Risdon & Sons, 5977 Majestic Ave. Architect—Not given. \$1000
ADDITIONS (78) 795 GILMAN, BERKELEY. Additions. Owner—Tuttle Mfg. Co., 725 Gilman. Contractor—The Austin Co., 1001 Ray Blvd., Oakland. Architect—Not given. \$1800	SKY SIGN (88) 2332 4th, BERKELEY. Sky sign. Owner—Calif. Prune & Apricot Growers Asso., 2332 4th. Contractor—Elec. Prod. Corp., 950 20th St., Oakland. Architect—Not given. \$1425	BUILDING CONTRACTS SAN FRANCISCO COUNTY 1 Radio Corp. Barrett 18987 2 Levaggi Philipps 2500 3 Union Aetna 1257 4 Zuzek Zinkand 1297 5 Westgate Prout 11690
RE-ROOF (79) 3815 EAST 8th ST., OAKLAND. Re-roof. Owner—American Can Co., 111 Sutter St., San Francisco. Contractor—J. W. Bender Roofing &	COURT ROOM, JAIL, ETC. (89) 2171 MCKINLEY, BERKELEY. Court room, Jail, etc. Owner—City of Berkeley, 2170 Grove. Contractor—Dinwiddie Const Co., 210 Crocker Bldg., San Francisco. Architect—J. W. Plachek, 511 Mercantile Bank Bldg., Berkeley. \$268,800	EXHIBIT BUILDING (1) YERBA BUENA SHOALS. Electricity and Communications Exhibit Building. Owner—Radio Corp. of America. Architect—Timothy L. Pflueger, 580 Market Street. Contractor—Barrett & Hlip, 918 Harrison Street. Filed Jan. 12, '38. Dated Jan. 10, '38.

On Jan. 20 90%
 On Completion 90%
 Usual 35 days Balance
TOTAL \$18,987
 Bond, \$18,987. Sureties, Fidelity & Deposit Co. of Maryland. Plans and specifications filed.

ALTERATIONS

(2) SE MONTGOMERY and Jackson Streets. Alter Class C Building. Owner—Rosa Levaggi & Linda Cadenaso, 628 Montgomery Sts.

Architect—A. R. Denke, Broadway Building, Oakland.

Contractor—V. Filippis, 269 24th Ave. Filed Jan. 12, '39. Dated Jan. 11, '39. Progress payments.

TOTAL, \$2500.00

Limit, 60 days. Plans and specifications filed.

ALTERATIONS

(3) FIFTEENTH AND MARKET Streets. Alter service station.

Owner—Union Oil Co. of Calif. Contractor—Aetna Const. Co., 1730 24th Avenue.

Filed Jan. 16, '39. Dated Jan. 11, '39. Five days after completion 75%
 Usual 35 days 25%

TOTAL, \$1257.00

Bond, \$1257.00. Sureties, United States Guarantee Co. Plans and specifications filed.

ADDITIONS

(4) 706 SANCHEZ STREET. Addition to flat and social hall.

Owner—Joseph Zuzek, c/o Cont. Contractor—Ed. Zinkand & Son, 667 36th Ave.

Filed Jan. 16, '39. Dated Jan. 16, '39. Wall board installed \$618.50
 Completion \$324.00
 Usual 35 days \$324.50

TOTAL, \$1297.00

Limit, 25 days. Plans and specifications filed.

DWELLING

(5) LOT 10 BLOCK 13, St. Francis Wood Extension. Two-story and basement frame dwelling.

Owner—Westgate Park Company. Architect — Angus McSweeney, 601 Mission Street.

Contractor—J. Prout and Sons, 2530 Fillmore Street.

Filed, Jan. 17, '39. Dated, Jan. 11, '39. Monthly 75%
 Usual 35 days 25%

TOTAL COST, \$11,690

Limit, May 1, 1939. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

4 Hawley West Const. 8400
 5 West Coast Hopper 9896

DWELLINGS (3)

(4) PTN. LOTS 9, 10, 13, 14, 16, and 17, Blk. 58, Tract B, Berkeley. Three (3) 5-room rustic dwellings.

Owner—Stuart Hawley. Contractor—Western Construction Co., Richfield Bldg., Oakland.

Filed Jan. 12, '39. Dated Jan. 10, '39. Frames up 25%
 Brown plastered 25%
 Completion 25%
 Usual 35 days 25%

TOTAL, \$8400.00

Limit, 70 days.

ALTERATIONS

(5) 1320 BROADWAY, Oakland. Alterations to theatre.

Owner—West Coast Theatres, Inc. Architect—Not Given. Contractor—Alf. J. Hopper, 243 Langton St., San Francisco.

Filed, Jan. 17, '39. Dated, Jan. 6, '39.

15th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$9,896
 Bond, \$9896. Sureties, Pacific Indemnity Co. Limit, 90 days. Plans and specifications filed.

SAN FRANCISCO COUNTY
PERMITS UNDER \$1000

FLUE, \$50; 4052 25th St.; owner, Andrew Scully, 2326 Ulloa St.; contractor, John A. Marshall, 4447 Mission St.

FLUE, \$10; 1255 Montgomery St.; owner, Marie Maretta, premises.

ALTER dwelling, \$50; 1727 Clement St.; owner, T. C. Ciccardi, 1644 Washington St.

ALTER dwelling, \$250; 707 Crescent Ave.; owner, D. L. Sinclair, 707 Crescent Ave.; contractor, National Roofing & Siding Co., 2172 Market St.

ALTER store, \$175; 422 Divisadero; owner, G. Gallian, prem.; contractor, J. I. Dennison, 3122 Geary Blvd.

ALTER apts., \$190; 251 Oak Street; owner, L. J. Wolfenden, prem.; contractor, Bay Cities Termite Control, Oakland.

ALTER restaurant, \$400; 64 Eddy; owner, James Findlay, premises.

ALTER dwelling, \$985; 3799 Washington St.; owner, J. C. Augsburg, premises; contractor, Geo. Schuster, 565 7th St.

ALTER dwelling, \$500; 1436½ Vermont St.; owner, Guido Torre, prem.; contractor, United Roofing & Siding Co., 2906 Mission.

ALTER hotel, \$450; 1030½ Kearny; owner, J. Prim, premises; contractor, S. A. Guisti & Co., 200 Green St.

ALTER dwelling, \$450; 1166 Eddy; owner, Chas. A. Delves, prem.; contractor, National Roofing and Siding Co., 2172 Market St.

ALTER store, \$500; 2516-24 Mission; owner, Rome S. Bodley, c/o contractor; contractor, Tom Cuthbertson, 430 Noriega.

ALTER office, \$100; 259 Geary St.; owner, Union Square Realty Co., 291 Geary St.

SIGN, electric, \$25; 1020½ Bush St.; owner, Bohemian Beauty Salon, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$300; 1324 Bayshore Blvd.; owner, Annie Stagnaro, 2737 San Bruno Ave.

ALTER dwelling, \$450; 654 Elizabeth St.; owner, John J. Jiusti, prem.; contractor, Dan C. Richardson, 2064-S Golden Gate Ave.

ALTER restaurant, \$200; 358 Ocean Ave.; owner, F. Giacondi, 254 Ocean Ave.

SIGN, electric, \$300; 919 Grant Ave.; contractor, Ginn Wall Co., premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

SIGN, electric, \$250; 60 Market St.; owner, Terminal Hotel, prem.; contractor, Apex Elec. Co., 363 Fell St.

SIGN, electric, \$250; 4751 Geary St.; owner, State Market, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER store, \$100; 3225 Pierce St.; owner, Bennie D'Amico, 76 Pixley St.

ALTER apts., \$245; 1469 Sacramento St.; owner, Renaldo Trevisan, premises; contractor, F. Rossi, 1835 Stockton St.

ALTER dwelling, \$700; 507 3rd Ave.; owner, John R. Zohler, premises; contractor, Calif. Home Imp. Co., 393 9th St.

ALTER dwelling, \$176; 1439 Grant Ave.; owner, David Lov, prem.; contractor, Ira W. Coburn, 2048 Market St.

FLUE, \$20; 672 Precita Ave.; owner, Mr. Venturin, premises; contractor, John J. Delucchi, 1526 Powell Street.

ALTER store, \$200; 4547 Mission St.; owner, Yuen Jung, 1131 Stockton St.; contractor, Carl J. Fung & Co., 719½ Sacramento St.

ALTER tavern, \$150; 1302 Fulton; owner, Sarah Cohen, 601 Scott St. GARAGE, frame, \$100; E Franklin 100 S Jackson; owner, Thos. De Friese, 2146 Franklin St.

ALTER dwelling, \$195; 1221 Revere; owner, A. Bulleri, premises; contractor, S. F. Terrazzo Co., 3730 Third St.

ALTER dwelling, \$750; 672 Precita Ave.; owner, A. Venturin, prem. FLUES, \$50; 638 Arlington; owner, H. B. Barber, 225 College Ave.; contractor, Calif. Heating Co., 667 Paris St.

SIGN, electric, \$115; 2202 Alemany; owner, Shell Oil Co. prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$115; SE Turk St. and Masonic Ave.; owner, Shell Sta., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$150; 147 Market St.; owner, Healey & Donaldson, 147 Market St.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$300; 127 Ellis St.; owner, Continental Hotel, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$20; 324 Kirkham; owner, Regina Eckart, 324 Kirkham.

ALTER dwelling, \$200; 4052 25th St.; owner, Andrew Scully, 2536 Ulloa. ALTER dwelling, \$750; 2380 Franklin St.; owner, Paul R. Wright, premises; contractor, Modernization Co. of Calif., 3601 Geary.

ALTER stores, \$200; 242-44 Clement St.; owner, M. Taylor, 1001 Fell St.; contractor, Carver-Niles Co., 1001 Clement St.

ALTER dwelling, \$300; 3343 Washington St.; owner, J. T. Piggott, premises; contractor, Hermie E. Musser, 2516 California St.

ALTER dwelling, \$210; 1382 Revere Ave.; owner, A. Mittenbergher, 1382 Revere Avenue; contractor, Economy Roofing & Siding Co., 2577 San Bruno Ave.

ALTER store, \$100; 843 Grant Ave.; owner, Wah Young Co. prem.; contractor, Sun Lee, 113 Waverly Pl.

SIGN, electric, \$450; 127 Ellis St.; owner, Continental Hotel, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

SIGN, electric, \$150; 5170 Mission; owner, The Amazon, prem.; contractor, Western Neon Lite Co., 75 Fremont Street.

ALTER dwelling, \$350; 931 Cayuga Ave.; owner, Marie Claverie, 931 Cayuga Ave.; contractor, Alfred De Benedetti, 22 Cotter Street.

ALTER dwelling, \$895; 16 Commonwealth Ave.; owner, Rich. Duff, premises; contractor, G. J. Ellington, Jr., 33 Suro Heights.

ALTER dwelling, \$200; 314 Athens Street; owner, Sol Goldberg, 114 Gaven Street.

ALTER flat, \$250; 2208 15th Street; owner, S. Plansky, Daly City.

FLUE, \$50; 680 Howard St.; owner, State Dept. of Public Works, 680 Howard St.; contractor, Modern Sheet Metal Works, 4491 Geary Boulevard.

SIGN, electric, \$115; SE Ocean and Alemany; owner, Shell Sta., SE Ocean and Alemany; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER store, \$75; 2088 Chestnut St.; owner, J. Vianles, premises; contractor, Bennie D'Amico, 76 Pixley Street.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Landa | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses | 14.—Residences |
| 5.—Flats | 15.—Schnails |
| 6.—Garages and Service Stations | 16.—Banks, Stairs and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

1— APARTMENTS

Contract Awarded
APARTMENTS Cost, \$
STOCKTON, San Joaquin Co., Calif.
Two-story apartment house consisting of five units with built-in garages.

Owner—L. and A. L. Turner
Architect—Not Given.

Contractor—W. M. West, 3130 North Eldorado Street. 1

Preparing Working Drawings
APARTMENTS
SACRAMENTO, Calif. 24th and N Streets.

Two-story frame and stucco apartment house to contain 16 apartments, composition roof, gas fired heating system, steel sash, hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

Upon completion of plans bids will be received from a selected list of contractors.

3— CHURCHES

CONTRACT AWARDED
BURBANK, Los Angeles County, Calif.—Ben K. Tanner, 5170 Beverly Blvd., Los Angeles, awarded contract for construction of a church building to seat 600 persons, on the SE corner of 5th and Orange Sts., Burbank, for Holy Trinity Parish; Very Rev. Msgr. Martin C. Keating, pastor. Geo. Adams, 2430 Cascadia Drive, Glendale, architect. 3

4— FACTORIES & WAREHOUSES

Preparing Plans
CREAMERY Cost, \$150,000
NEWMAN, San Joaquin Co., Calif.
Three one-story reinforced concrete creamery buildings.

Owner—East-West Dairymen's Association, c/o Manuel Lemos.
Architect—Ernest J. Kump, Rowell Building, Fresno.

Preparing Plans
GRAIN WAREHOUSE Cost, \$50,000
MENDOTA, Fresno Co., Calif.
Reinforced concrete and steel frame grain warehouse.

Owner—Holmes Warehouse Co., Dos Palos.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

PLANS BEING FIGURED

LOS ANGELES, Calif.—Until Jan. 31, 10:00 A. M., bids will be received by W. P. Weisinger, 963 E. 4th St., resident engineer in charge of the project, for remodeling an existing building and constructing a new syrup plant at 934 E. 4th St. for the Coca Cola Co. All work, except the mechanical work and electrical work, will be included in the general contract. The building to be remodeled is a 3-story and basement structure, 80x120 ft. in area. The syrup plant will be a 3-story and basement class A structure, 120x120 ft. in area; reinforced concrete (flat slab) construction; 1 electric elevator, low-pressure steam heating system. Plans were prepared by Architect Jesse M. Shelton, Atlanta, Ga. 4

PLANS BEING FIGURED

BURBANK, Los Angeles Co., Cal.—Architects John and Donald B. Parkinson, 434 Tittle Ins. Bldg., Los Angeles, are taking bids for a 3-story, Class C reinf. concrete addition to an office building at Lockhead Aircraft Corp. plant, Empire Ave. and Victory Place, Burbank.

PLANS COMPLETED

LOS ANGELES, Calif.—Grant and Bruner, 607 Ferguson Bldg., have completed engineering and architectural plans and will erect a 107x230 ft. addition to plant of Latchford Glass Co., 7507 Roseberry Ave. to be used for storage. Cost, \$30,000. 4

Preparing Working Drawings
PLANT

SAN FRANCISCO, Harrison Street near Third Street.

Two-story reinforced concrete milk plant (40x80 ft.).

Owner—Green Glen Dairy Company. Architect—R. H. Bickel, 9 Geary St. Upon completion of plans bids will be received from a selected list of contractors.

CONTRACT AWARDED

LOS ANGELES, Cal.—As previously reported, Ford J. Twaitts Co., 816 W. 5th St., Los Angeles, submitted low bid at \$697,777 and was awarded contract for construction of a five-story and basement, Class A department store building at Wilshire Blvd. and Fairfax Ave. for The May Co. Other general contract bids were: C. J. Kubach-Snyder Co., \$707,600; Joshua H. Marks-Charde Co., \$708,700; J. Indren & Swinerton, \$712,924; Baruch Corp., \$715,897; J. V. McNeil Co., \$725,000; P. J. Walker Co., \$740,000; Pozzo Const. Co., \$759,613. Albert C. Martin, architect, 233 Higgins Bldg., Los Angeles; Samuel A. Marx, associated architect, Chicago.

Plans Being Figured—Bids Close

February 1, Noon.

PLANT
SAN FRANCISCO, Harrison St. near Third Street.

Two-story reinforced concrete milk plant (40x80-ft.).

Owner—Green Glen Dairy Company. Architect—R. H. Bickel, 9 Geary St.

Plans are being figured by a selected list of contractors. *

5— FLATS

To Be Done By Day's Work.
FLATS Cost, \$6,500
SAN FRANCISCO, Kirkham St. 71 E 16th Ave.

Two-story and basement frame flats. Owner and Builder—Carlson & Nelson, 1593 29th Avenue.
Architect—Not Given. 5

6— GARAGES & SERVICE STATIONS

Planned
BUS TERMINAL Cost, \$50,000
FRESNO, Fresno Co., Calif. NE corner of Broadway and Mariposa. One-story brick bus terminal bldg. Owner—The Santa Fe Trails Transportation Company.
Architect—Not Given.

Construction is expected to start within 90 days, or as soon as Shell Oil Company station now occupying the property is removed.
(1390) 6

7— FEDERAL BUILDINGS

BIDS WANTED

WHIPPLE, Ariz.—Until Feb. 14, 1:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Building, Washington, D. C., for providing, installing and finishing complete, Venetian Blinds for Buildings Nos. 107 and 108, at Veterans Administration Facility, Whipple, Arizona.

Drawings and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, Calif.

BIDS WANTED

SAN DIEGO, Cal.—Until Feb. 14, 11 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8681, for the erection and field painting of a guved four-post timber range finder marker tower about 10 ft. square and 90 ft. high. The Government will furnish all marker tower materials, including field paints.

Bidding data obtainable at above office upon deposit of a check or postal money order for \$10.00, payable to the Chief of the Bureau of Yards and Docks. 7

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 7, 11 A. M., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8783, for misc. repairs and replacements, consisting in general of: (a) the removal of certain existing water closets and the furnishing and installing of new water closets; (b) the removal of certain bedpan sterilizer piping and the furnishing and installing of new waste and vent pipes; (c) repairs to existing marble, tile, plaster work, etc., incidental to making replacements; and (d) the removal of an existing roof covering and the furnishing and installing of a new roof covering to replace that removed.

Bidding data obtainable at above office upon deposit of a check or postal money order for \$10.00, payable to the Chief of the Bureau of Yards and Docks. 7

BIDS WANTED

SAN DIEGO, Cal.—Until Jan. 31, 11 A. M., bids will be received by the Public Works Officer, Headquarters,

11th Naval Dist., foot of Broadway, San Diego, under Spec. No. 9073 for repairs to Fuel Oil Pumping Plant at the Naval Operating Base (Fuel Depot), San Diego.

Work includes in general: (a) furnishing and installing a pipe cross-over; (b) converting a 36-in. valve from manual operation to electric motor operation; (c) repairs to an existing oil heater, or, as an alternative, the furnishing and installing of a new oil heater in lieu of repairing the existing oil heater.

Bidding data obtainable from the above office upon deposit of postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks. 7

Bid Opening Postponed Until Feb. 14, 1 P. M.

POSTOFFICE Est. Cost, \$80,000
HONOLULU, T. H.

Construction of one-story reinforced concrete U. S. P. O., Schofield Barracks Branch.

Owner—United States Government. Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

Opening date postponed from February 3.

BIDS WANTED

SAND ISLAND, Honolulu—As previously reported, until Feb. 6, 11 A. M., (H.S.T.) bids will be received by the War Department, Office of the Officer in Charge of Construction, Hickam Field, T. H., for construction and completion of a Radio Beacon Range Building at Sand Island, Honolulu Harbor, T. H.

Plans and specifications may be obtained at the above office upon deposit of certified check in the amount of \$5.00, payable to the Finance Officer, U. S. Army, Honolulu, T. H.

LOW BIDDERS

PEARL HARBOR, T. H.—Edgemoor Iron Works, Edgemoor, Delaware, at (item 1) \$288,157 and (item 2) \$290,745, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for four 600-pound oil-fired boilers, settings, air preheaters, draft fans, oil burners, structural supports, boiler appurtenances, and combustion control at the Navy Yard, Pearl Harbor, T. H. Spec. No. 9074.

Second low bid on item 1 submitted by Industrial Piping and Engineering Company, Baltimore, at \$297,590. No bid on item 2.

Bids Wanted—To Close February 24, 1:00 P. M.

POST OFFICE & COURTHOUSE Cost, \$870,000

FRESNO, Fresno Co., Calif., North Tulare between N and M Sts. Three-story and basement post office and courthouse.

Owner—United States Government. Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

BIDS WANTED

SAN JOAQUIN COUNTY, Calif.—Until Feb. 6, 11:00 A. M., bids will be received by the United States Department of Agriculture, Farm Security Administration, Room 403, Wells Fargo Building, 85 Second St., San Francisco, for the construction of Farm Labor Homes and Com-

munity Buildings and Facilities at the Thornton Unit of California Migratory Labor Camps Project, on the Thornton Tract, near Thornton, San Joaquin County, Calif. All work included in one general contract.

Plans and specifications may be obtained from the above office upon deposit of check or money order in the amount of \$25, returnable, and made payable to the Treasurer of the United States.

Plans and specifications are now on file for examination at the office of Daily Pacific Builder, 465 Tenth Street, San Francisco.

Bids Wanted—To Close February 28, 1:00 P. M.

POST OFFICE Cost, \$160,000
VENICE, Los Angeles County, Calif., Southerly side of intersection of Main Street and Windward Ave. Construction of United States Post Office.

Owner—United States Government. Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

CORRECTION

CONTRACT AWARDED

YERBA BUENA SHOALS—Lloyd O'Brien, 369 Pine St., San Francisco, at \$13,020 (items a and b) awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush Street, San Francisco, for construction of pavilion in Housing Ct., Yerba Buena Shoals.

Contractor's name previously reported incorrectly.

MATERIALS APPROVED

MANTECA, Calif.—Treasury Dept., Washington, D. C., approved the following equipment, etc., for construction of the U. S. P. O. at Manteca: Robert McCarthy, San Francisco, contractor:

Entrance switch, Bull Dog Electric Products Co.; rubber covered wire, Crescent Insulated Wire & Cable Co.; receptacles, Arrow-Hart & Hegeman Elec. Co.; flush switches, clock hangers and fan hanger, Arrow-Hart & Hegeman Elec.; pendant switch, Leviton Mfg. Co.; glassware, Perfection Glass Co., and the Phoenix Glass Co.; lighting fixtures, Perfect life Company. 7

Bids Wanted—To Close February 28, 1:00 P. M.

POST OFFICE & COURTHOUSE Cost, \$550,000

LOS ANGELES, Los Angeles County, Calif., Temple and Main Streets. Addition of two stories to Post Office and Courthouse.

Owner—U. S. Government. Plans by Supervising Architect of the Treasury Dept., Wash., D. C.

Plans and specifications obtainable from the Procurement Division, Public Buildings Branch, Wash., D. C.

BIDS OPENED

SCHOFIELD BARRACKS, T. H.—Robert E. McKee, 4700 San Fernando Road, Los Angeles, at (item one) \$479,700 (2) add \$17,300 (3) add \$11,500 (4) ded. \$9,800 (5) ded. \$13,500, submitted low bid and only bid received at Fort Mason, San Francisco, for constructing and completing barracks buildings "A" and "B" at Schofield Barracks, T. H.

Complete bids on item one received at Hickam Field, T. H., were: Pacific Constr. Co., Ltd., Honolulu \$514,700
Ralph E. Woolley, Honolulu. 563,280

Hawaii Contracting Co., Ltd., Honolulu 564,391
W. S. King, Honolulu 578,000
Only bid received at 39 Whitehall Street, New York, submitted by Tucker McClure, Balboa, Canal Zone, at (item 1) \$521,440.

BIDS OPENED

YERBA BUENA SHOALS—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco, at \$1,724, submitted low bid to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for finishing interior painting in the Federal Bldg., Yerba Buena Shoals.

Complete bids were:
D. Zelinsky & Sons, Inc. \$1,724
Aristo Painting Co. 2,090
R. P. Paoli & Co. 2,340
Patterson Bros., Oakland 2,645
Raphael Co. 2,867

BIDS OPENED

YERBA BUENA SHOALS—Dohrmann Commercial Co., Geary and Stockton Sts., San Francisco, at \$330.82 (group 1); \$339.29 (group 2) and \$107.31 (group 3) submitted only bid for chlaware, silverware and kitchen sundries, to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco.

CONTRACT AWARDED

YERBA BUENA SHOALS—Louis C. Dunn, 424 Monadnock Building, San Francisco at \$13,020 (items a and b) awarded contract by the U.S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush Street, San Francisco, for construction of pavilion in North Court, Yerba Buena Shoals.

BIDS WANTED

ALAMEDA AIR STATION, Calif.—Until February 1 (postponed from Jan. 18), 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for superstructure of assembly and repair shop at the Naval Air Station, Alameda. Spec. 9033. Est. cost, \$550,000.

The work includes concrete construction; steel and iron work; brick hollow tile and ceramic glazed units; roofing and sheet metal work; damp-proofing and waterproofing; metal windows; metal furring and lathing; metal and wire mesh partitions; metal and metal-covered doors; plaster and stucco; marble and tile; asphalt tile and asphalt plank flooring; linoleum; carpentry and joinery; hardware; glazing; painting and plumbing; heating and ventilating, air conditioning, sprinkler and electric systems.

As previously reported, drawings and specifications may be obtained from the above office and from the Commandant, 12th Naval Dist., Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$50 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

CONTRACT AWARDED

BRAWLEY, Imperial Co., Calif.—Ornamental Const. Co., 1313 13th St. N. W., Washington, D. C., at \$4,400, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models, U. S. P. O. at Brawley.

BIDS WANTED

SAN FRANCISCO—Until Feb. 14, 10:00 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C.

for miscellaneous exterior and interior repairs at the U. S. Marine Hospital, San Francisco.

Drawings and specifications may be had at the above office or at the office of the Custodian of the Building, at San Francisco.

BIDS OPENED

LOS ANGELES, Calif.—Art Metal Const. Co., Washington, D. C., at \$14,793.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters, gates and railings in the U. S. P. O. and Court House, at Los Angeles.

Complete bids follow:

Art Metal Const. Co., Washington, D. C.	\$14,793.00
Peerless Steel Equip. Co., Baltimore, Md.	16,659.00
The General Fireproofing Co., Washington, D. C.	18,373.00
The Interior Steel Equipment Co., Washington, D. C.	18,792.00
Watson Mfg. Co., Inc., Jamestown, N. Y.	18,889.00
Baxter Steel Equipment Co., Indianapolis, Ind.	19,605.00
General Office Furniture Co., Los Angeles	19,549.95
The Globe Wernicke Co., Washington, D. C.	19,995.00
	7

BIDS WANTED

ESTES PARK, Colorado—As previously reported, until Feb. 6, 10:00 A. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Denver, Colorado, for construction of six 5-room, twelve 4-room and six 3-room residences at the Estes Park headquarters, Colorado-Big Thompson project, Colorado, located near Estes Park, Colorado.

Residences will be wood-frame covered with siding or shingles laid over sheathing and building paper with plaster or insulating building board covering on inside walls and ceilings; oak flooring laid over sub-floors on first floors with all porch floors and second story floors or attics will have single floors of vertical grain fir flooring laid directly over floor framing; linoleum floors and wainscots of bathrooms and kitchens; cement-asbestos shingle roofs laid over solid sheathing; roofs of screened porches and dormer windows will be covered with galvanized metal; insulated ceilings and walls; warm-air gravity heating systems.

This invitation for bids does not cover the purchase of materials which will be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government will be described in the specifications which will be a part of the contract.

No charge to prospective bidders for copies of specifications, etc., to others, \$2.50, not returnable.

CONTRACT AWARDED

NAPA, Napa Co., Calif.—Nick Hemminga, 627 38th Ave., San Francisco, at \$1,350 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new entrance doors and misc. repairs at the U. S. P. O., at Napa. 7

Bids Wanted—To Close February 24, 1:00 P. M.
 POSTOFFICE Cost, \$75,000
 YERINGTON, Lyon County, Nevada.
 Construction new United States Agriculture and Post Office.
 Owner—United States Government.
 Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required.

**Site Selected
 POST OFFICE**

SAINT HELENA, Napa County, Cal. Main St., bet. Adams and Pine Streets.

Site (110x190 ft.), selected for construction of U. S. Post Office; cost of site, \$9,500.

Owner—United States Government. Plans by Supervising Architect, Treasury, Department, Washington, D. C.

BIDS WANTED

GOVERNMENT ISLAND, Calif.—Until Feb. 14, 1 P. M., bids will be received by the Contracting Officer, Maritime Service Training Station, U. S. Coast Guard Base No. 11, Government Island, Oakland, Calif., for construction of Instruction and Training Building at the U. S. Coast Guard Base No. 11, Government Island, Oakland.

Drawings and specifications may be obtained at the office of the Contracting Officer, Government Island or at the Office of District Engineer, Room 232, Federal Office Building, San Francisco.

BIDS WANTED

SAND ISLAND, Honolulu, T. H.—Until Feb. 6, bids will be received by the Army Department, Quartermaster Construction Division, Washington, D. C., for construction of a Radio Beacon Range building at Sand Island Harbor.

PROSPECTIVE BIDDERS

SACRAMENTO AIR DEPOT. — As previously reported, until Feb. 3, 2:30 P. M., bids will be received by the War Department, Office of the Constructing Quartermaster, Sacramento Air Depot, Calif., for the construction and completion of Dock, Warehouse, Derrick and Holst on Sacramento River for Sacramento Air Depot, Sacramento.

Plans and specifications may be obtained at the above office upon deposit of \$5. certified check payable to the Finance Officer, U. S. Army.

Following have taken out plans: George Pollock, P. O. Box 903, Sacramento.

Minneapolis Steel & Machinery Division, Minneapolis, Minn.

Case Construction Co. Inc., P. O. Box 6, Berth 109, San Pedro.

A. Teichert & Son, Inc., P. O. Box 1113, Sacramento.

Independent Iron Works, Ltd., 821 Pine Street, Oakland.

Herrick Iron Works, 1729 Campbell St., Oakland.

Bundesen & Lauritzen, P. O. Box 470, Pittsburg.

Frank Legg, 50 Laguna St., San Francisco.

Moore Dry Dock Co., Foot of Adeline Street, Oakland.

Clinton Construction Co., 923 Folsom St., San Francisco.

Ben C. Gerwick, Inc., 112 Market Street, San Francisco.

M. B. McGowan, Inc., 74 New Montgomery St., San Francisco.

Sub-Contracts Awarded

SAN FRANCISCO.—Meyer Construction Company, 735 Portola Dr., awarded the following sub-contracts for construction and completion of ten double company officers quarters and five double field officers' quarters, at the Presidio of San Francisco:

Misc. Iron.—F. Kern & Sons, 517 6th Street, San Francisco.

Brick—White & Gloor, 448 Monadnock Building.

Glass—W. P. Fuller & Co., 301 Mission Street.

Linoleum and Asphalt Tile—Panhandle Carpet & Linoleum Co., 773 Divisadero Street.

Stairs—J. di Cristina and Son, 3150 18th Street.

Shades—D. N. & E. Walters & Co., Inc., 562 Mission Street.

Marble—J. E. Back & Co., Inc., 1533 San Bruno Ave.

Steel Sash—Detroit Steel Products Co., 111 Sutter Street.

Finish Hardware—Marshall-Newell Supply Co., Spear and Mission Streets.

Tile—Scott Co., Inc., 243 Minna St. Overhead Doors—Kinnear Mfg. Co., 361 Brannan Street.

Hardwood Floors—Ame Hardwood Floor Co., 1521 51st Avenue, Oakland.

Painting—Lee Dixon Co., Ltd., 18 Eureka Street.

Electric Wiring—E. A. Koenig, 1933 Ulloa Street.

Heating—Atlas Heating & Ventilating Co., Ltd., 557 4th Street.

Plumbing—Walter A. Matison, 1620 Leavenworth Street.

BIDS WANTED

McCHORD FIELD, Washington.—Until Jan. 24, 11 A. M., bids will be received by the Army Department, Quartermaster Construction Division, Washington, D. C., for the construction of a cold storage room and office in south east Iron Corps warehouse at McChord Field, Wash.

CONTRACT AWARDED

LOVELOCK, Nev.—Harold V. Taylor, 124 W. 21st Street, Long Beach, California, at \$693 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for underfloor drains, etc., at the U. S. Agriculture building and post office, at Lovelock. 7

NO BID RECEIVED

BOISE, Idaho.—No bids were received Jan. 10, 1:30 P. M., by the Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for providing, installing and finishing complete booster pumps at the Veterans Administration Facility, Boise, Idaho.

Bids Wanted—To Close February 24, 1:00 P. M.

POSTOFFICE Cost, \$75,000
 YERINGTON, Lyon County, Nevada.
 Construction new United States Post Office.

Owner—United States Government. Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Buildings Branch, Washington, D. C.

BIDS WANTED

HAWTHORNE, Nev.—As previously reported, until Feb. 8, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing 34 ordnance buildings, railroad tracks, roads and services at the Naval Ammunition depot, Hawthorne, Nev. Spec. 8966. Estimated cost \$470,000.

The buildings will be one-story and will include earthwork, concrete, steel and iron, brick and hollow tile, glass-block masonry; roofing, sheet metal work, corrugated asbestos, and membrane waterproof-

ing; metal doors; metal windows; plastering; woodwork; glazing; cranes and hoists; sewerage; water and plumbing systems; heating and distribution piping; electrical work; lighting protection, and painting.

Plans and specifications obtainable from the above office or from the Commandant, Twelfth Naval District, Federal Office Building, Civic Center, San Francisco, upon deposit of \$50. Check or postal money order payable to the Chief of the Bureau of Yards and Docks.

COMPLETE BIDS

SAN FRANCISCO. — Price Bros., Chicago, at \$260.00 submitted late low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for illuminated directional signs at the Federal Office Bldg., San Francisco.

Complete bids were:

Price Bros., Chicago.....	\$260.00
Frink Corp., Long Island City.....	\$325.00
Nick Hemminga, S. F.....	330.00
Tri-State Electric Co., Memphis, Tenn.....	800.00

Bids Wanted—To Close February 17, 1 P. M.

POSTOFFICE Est. Cost, \$330,000
RIVERSIDE, Riverside Co., Calif., 9th St., between Orange and Lemon Aves.

New United States Post Office, (except elevator).

Owner—United States Government. Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

CONTRACT AWARDED

LOVELOCK, Nev.—Harold V. Taylor, 124 W 21st St., Long Beach, was awarded contract by the Procurement Division at \$695, for underfloor drains for the U. S. Post Office in Lovelock. 7

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 19, 1:00 P. M., bids will be received by Veterans' Administration, Los Angeles for removing elevator overhead main drive tractor sheaves and replacing with new sheaves for western elevators in Bldgs. 113, 114, 115 and 116. Inv't. 613. 7

BIDS OPENED

YERBA BUENA SHOALS—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$5,711 submitted low bid to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for construction of interior finish work, Terrarium exhibit, Federal Building, Yerba Buena Shoals.

Only other bids submitted by Lloyd O'Brien, S. F., at \$6,576.

LOW BIDDERS

SAN FRANCISCO—Price Bros., Chicago, Illinois, at \$260 submitted late low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for illuminated directional signs at the Federal Office Bldg., San Francisco.

Three low bidders were:

Price Bros., Chicago, Ill.....	\$260
Frink Corp., Long Island City.....	325
Nick Hemminga, S. F.....	330

BIDS WANTED

MARCH FIELD, Riverside Co., Cal.—Until January 30, 10 A. M., bids will be received by the Constructing Q.M., March Field, for furnishing and installing insect screens, steel lock-

ers, steel shelving, linoleum, asphalt tile and shades in the 330-men barracks building at March Field. Plans and specifications may be obtained from the above address upon deposit of \$5.00. * 7

GOVERNMENT ISLAND, Calif.—As previously reported, until Feb. 14, 1 P. M., bids will be received by the Contracting Officer, Maritime Service Training Station, U. S. Coast Guard Base No. 11, Government Island, Oakland, Calif., for construction of Instruction and Training Building at the U. S. Coast Guard Base No. 11, Government Island, Oakland.

Drawings and specifications may be obtained at the office of the Contracting Officer, Government Island, or at the Office of District Engineer, Room 232, Federal Office Bldg., San Francisco.

Following have taken out plans: Barrett & Hilp, 918 Harrison St., San Francisco.

Clinton Const. Co., 923 Folsom St., San Francisco.

James I. Barnes Const. Co., Builders' Exchange, Santa Monica.

Thomas M. Jones, 643 29th Avenue, San Francisco.

Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., San Francisco.

MacDonald & Kahn Co., Ltd., 209 Financial Center Bldg., San Francisco.

K. E. Parker Co., 135 South Park, San Francisco.

P. J. Walker Co., 607 Sharon Bldg., San Francisco.

Fred J. Early, Jr., 369 Pine St., San Francisco.

Alfred H. Vogt Co., Inc., 250 11th St., San Francisco.

Anderson & Rowe, 45 Belcher St., San Francisco.

H. Papenhausen, 595 Victoria St., San Francisco.

B. A. Howkins & Co., 1181 Market St., San Francisco.

E. T. Leiter Sons, 811 37th Street, Oakland.

Robt. McCarthy, 1363 14th Avenue, San Francisco.

Nick Hemminga, 627 35th Avenue, San Francisco.

E. K. Wood Lbr. Co., 1 Drumm St., San Francisco.

(1347) 1st rep. Jan. 13, 1939. * 7

CONTRACT AWARDED

YERBA BUENA SHOALS—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$5,711 awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for construction of interior finish work, Terrarium exhibit, Federal Building, Yerba Buena Shoals.

CONTRACT AWARDED

YERBA BUENA SHOALS—Bartlett & Hilp, 918 Harrison St., San Francisco, at \$3793 awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for log construction work involving benches, risers, etc., for the Federal Bldg., Yerba Buena Shoals.

BIDS REJECTED

TOPPENISH, Wash.—The Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids for concrete floor and water-proofing at the U. S. P. O., Toppenish, Washington.

Plans will be revised and work re-advertised. 7

9— HOSPITALS

Prospective Bidders

HOSPITAL Cost, \$136,267
SONOMA COUNTY, Cal. About 2½ miles northeast of Santa Rosa.

One - story frame and stucco tuberculosis addition to hospital.

Owner—County of Sonoma.
Architect—John Easterly, Exchange Bank Bldg., Santa Rosa.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, bids will be received until January 23, 11:30 A. M., and opened at 11:35 A. M., of that date in the Board of Supervisors Room in the Courthouse, Santa Rosa.

Following have taken out plans:
Wm. D. Rapp, 517-A Fourth St., Santa Rosa.

Lloyd O'Brien, 369 Pine Street, San Francisco.

Jos. Chirhart, 749-A Humboldt St., Santa Rosa.

N. H. Sjoberg & Son, 5604 E 16th St., Oakland.

Moore & Roberts, 693 Mission St., San Francisco.

J. R. Armstrong, 834 E Tenth St., Oakland.

Nielsen & Erbenstraut, 201 S. Market St., San Jose.

Louis C. Dunn, 424 Monadnock Bldg., San Francisco.

C. M. Teigland, 525 49th St., Oakland.

F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

R. S. Knight, Route 4, Box 662, Santa Rosa.

A. T. Beckett, 224 Scenic Avenue, Piedmont.

H. J. Christianson Co. and W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

Preparing Plans

CLINIC AND EMERGENCY Cost, \$25,000

LOS BANOS, Merced Co., Calif. Reinforced concrete clinic and emergency hospital building.

Owner—Medical Association, c/o Dr. Hiller, Los Banos.

Architect—Ernest J. Kump, Rowell Building, Fresno.

Preparing Plans

CLINIC Cost, \$9,000
MADERA, Madera Co., Calif.

Frame and stucco clinic building.

Owner—Dr. S. A. Quimby, Madera. Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Segregated Contracts Awarded
REMODEL HOTEL Cost, \$50,000

SANTA CRUZ, Santa Cruz Co., Cal. Pacific Avenue and Front Street.

Complete remodeling of the St. George hotel, including interior and exterior work, redecorate the lobby, new hot water system, new roof, furniture, etc.

Owner—F. C. Hotaling. Architect—Not Given.

Mgr. of Construction—E. J. Scribner, San Lorenzo Lumber Co.

Plumbing—Izant & Wilson, 30 Water St., Santa Cruz.

Electrical Work—Ben Freeburg, 60 Pacific Ave., Santa Cruz.

Painting—Alex J. Pettitdier, 46 Riverside Ave., Santa Cruz.

Work starts immediately; contracts for roofing and furnishings will be opened later.

CONTRACT AWARDED
LONG BEACH, Cal.—Robt. E. Power Studios, 603 S. Mansfield Avenue, Los Angeles, awarded contract for reconstructing a 12-story and basement hotel building at 200 E. Ocean Ave., Long Beach, for Hilton Hotel

Corp. Preliminary plans completed by Francis H. Gentry, structural engineer, Jergins Trust Bldg., Long Beach, and working drawings will be started soon. Est. cost, \$300,000. 9

Contract Awarded ALTERATIONS Cost, \$10,000 SAN FRANCISCO. NE Third and Mission Streets. Alterations to hotel and stores. Owner—Mrs. Grace, c/o contractor. Architect—Not Given. Contractor—Fred J. Early, Jr., 369 Pine Street. 9

Bid Opening Postponed Until Jan. 30, 10:00 A. M. HOSPITAL Cost, \$136,267 SONOMA COUNTY, Cal. About 2½ miles northeast of Santa Rosa. One-story frame and stucco tuberculosis addition to hospital. Owner—County of Sonoma. Architect—John Easterly, Exchange Bank Bldg., Santa Rosa.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be received until Jan. 30, 10:00 A.M., and opened at 10:05 A.M. of that date in the Board of Supervisors' Room in the Courthouse, Santa Rosa. Opening date postponed from Jan. 23.

BIDS WANTED SAN FRANCISCO.—Until Jan. 25, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for alterations to the maternity and psychopathic building at San Francisco Hospital.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall.

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

BIDS WANTED MERCED, Merced Co., Calif.—Until Feb. 1, 11 A. M., bids will be received by the Clerk of the Board of Supervisors of Merced County, R. W. Cothran, for the construction of a frame store house and paint shop at the site of the General Hospital, Merced County, Calif.

Plans and specifications may be obtained from the office of W. E. Bedesen, County Surveyor, upon deposit of \$2, returnable.

Bids must be accompanied by certified or cashier's check of 10% of bid, payable to the Chairman of the Board of Supervisors.

BIDS WANTED SAN FRANCISCO.—Until Jan. 25, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for alterations to elevator at City Prison. Specifications obtainable from Superintendent of Bldgs. R. A. Chisholm, 490 11th Street.

Contract Awarded EXHIBIT BLDG. Cost, \$18,967 YERBA BUENA SHOALS. Site of the 1939 World's Fair. Electricity and Communications exhibit building. Owner—Radio Corp. of America. Architect—Timothy L. Pfleger, 580 Market St., San Francisco. Contractor—Barrett & Hilp, 918 Harrison St., San Francisco

BIDS WANTED PHOENIX, Arizona.—Until Jan. 30, 11:00 A.M., bids will be received by

the Board of Directors of State Institutions, Phoenix, for alterations to the Arizona State Capitol. Plans and specifications are on file at the office of Architect Orville A. Bell, Heard Bldg., Phoenix. * 13

Bids Opened BLEACHERS & EXHIBIT BLDG. DIXON, Solano Co., Calif., 36th District Agricultural Ass'n. Construction of general work for wood frame bleachers approx. 216 ft. long and 2¼ ft. wide and wood frame exhibit building approx. 100 ft. long and 60 ft. wide. Concrete foundations have been installed under separate contract. Owner—State of California. Architect—State Division of Architecture, W. K. Daniels, Acting State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Low Bidder—Holdener Constr. Co., 2608 R St., Sacramento, \$20,100. General bids were received with the following alternate proposals, all deductions: (1) omit toilets in exhibit building (2) omit painting certain portions (3) omit permutual and secretary's office and (4) omit toilets in bleachers. Complete bids follow:

- Holdener Constr. Co., Sacramento, \$20,100 (1) \$566 (2) \$2000 (3) \$1682 (4) \$1610.
- Campbell Construction Co., Sacramento, \$21,396 (1) \$600 (2) \$2000 (3) \$1800 (4) \$1600.
- W. F. Stewart, Auburn, \$22,207 (1) \$495 (2) \$2585 (3) \$1458 (4) \$1430.
- Lawrence Construction Co., Sacramento, \$22,745 (1) \$724 (2) \$1275 (3) \$1295 (4) 1487.
- H. W. Robertson, Sacramento, \$24,392 (1) \$600 (2) \$1320 (3) \$1800 (4) \$1500.
- W. C. Tait, Inc., San Francisco, \$24,634 (1) \$414 (2) \$8,884 (3) \$1,984 (4) \$1,474.
- Victor L. and Wm. B. Jacobson, Los Angeles, \$28,000 (1) \$437 (2) \$1200 (3) \$1420 (4) \$1373.

Bids Wanted—To Close January 23, 3:00 P. M. EXHIBITS, FURNITURE, ETS. YERBA BUENA SHOALS. Site of the 1939 World's Fair. Installation of exhibits, furnishings, etc., for Palace of Fine Arts; Contract No. 118.8. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco. Plans and specifications obtainable from the above office, Room 222, upon deposit of \$20.

Contract Awarded EQUIPMENT Cont. Pr., \$4,651 YERBA BUENA SHOALS. Site of the 1939 World's Fair. Equipment for Pacific Bldg.; Contract No. 197. Owner—San Francisco Bay Exposition Co. (L. W. Cutler, Pres.), 585 Bush Street, San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush Street, San Francisco. Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. *

Sub-Contracts Awarded TOLL STRUCTURES Contract Price, \$15,553 YERBA BUENA SHOALS. Site of the 1939 World's Fair. West Ferry, Toll Structures. Contract No. 175.2. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco.

Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco. Contractor—P. J. Walker Company, 607 Sharon Building, San Francisco.

Mill Work—Anderson Bros., 3285 22nd Street. Misc. and Orn. Iron.—Fair Mfg. Co., 617 Bryant. Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant. Painting—Raphael Co., 270 Tehama. Finish Hardware—Palace Hardware Co., 581 Market St. Glass and Glazing—Cobbedlick Kibbe Glass Co., 666 Howard St. Sheet Metal—George A. Wieland Sheet Metal Works, 2194 Folsom. Lumber—Smith Lumber Co., 4th and Channel. Electric Wiring—T. L. Rosenberg Co., 411 Webster St., Oakland. All of San Francisco unless otherwise noted.

Sub-Contracts Awarded FERRY BUILDING Contract Price, \$25,300 YERBA BUENA SHOALS. Site of the 1939 World's Fair. Construction of East Ferry Building; Contract No. 201.1. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco. Contractor—P. J. Walker Company, 607 Sharon Building, San Francisco.

Mill Work—Anderson Bros., 3285 22nd Street. Misc. and Orn. Iron.—Fair Mfg. Co., 617 Bryant. Sheet Metal—George A. Wieland Sheet Metal Works, 2194 Folsom. Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant. Painting—Raphael Co., 270 Tehama. Finish Hardware—Palace Hardware Co., 581 Market St. Glass and Glazing—Western Door & Sash Co., 112 Market St. Electric—George F. Brayer, 166 7th Street. Plastering—Peter Bradley, 639 Bran-nan Street. Plumbing—Monihan-Stauffacher Co., 1552 Fulton. Magnesite—Phoenix-Simpton Co., 520 6th Street. Framing Lumber—Smith Lumber Co., 4th and Channel. All of San Francisco.

Contract Awarded TOLL STRUCTURES Contract Price, \$15,553 YERBA BUENA SHOALS. Site of the 1939 World's Fair. West Ferry, Toll Structures. Contract No. 175.2. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco. Contractor—P. J. Walker Company, 607 Sharon Building, San Francisco.

Contract Awarded FERRY BUILDING Contract Price, \$25,300 YERBA BUENA SHOALS. Site of the 1939 World's Fair. Construction of East Ferry Building; Contract No. 201.1. Owner—San Francisco Bay Exposition Co., (L. W. Cutler, Pres.), 585 Bush St., San Francisco. Plans by San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Contractor—P. J. Walker Company,
607 Sharon Building, San Fran-
cisco.

Prospective Bidders

CIVIC AUDITORIUM AND FIRE STATION Cost, \$254,000
SANTA CRUZ, Santa Cruz Co., Cal.
Two-story early California style au-
ditorium building (184x157), seat-
ing 2100 on main floor and bal-
cony; stage, dressing rooms, com-
mittee rooms; also fire station at
rear housing dormitory, lounge
room, kitchen, shower and office
rooms.

Owner—City of Santa Cruz (S. A.
Evans, City Clerk).
Architect—Mark Daniels, 101 Post St.
San Francisco.

Bonds in the amount of \$140,000,
together with FWA grant of \$114,540
will finance construction.

Plans and specifications may be
obtained from the office of City En-
gineer R. W. Fowler, City Hall, Santa
Cruz, upon deposit of \$25, return-
able.

As previously reported, bids must
be accompanied by certified or cash-
ier's check or bid bond for 5% of
amount of bid and filed with the
City Engineer on or before 8:30 A.
M., January 23, and will be opened
at 9 A. M., of that date in Room 105,
Santa Cruz City Hall, Santa Cruz.

Following have taken out plans:
Moore & Roberts, 693 Mission St.,
San Francisco.

Nielsen & Erbenbraut, 201 S. Mar-
ket St., San Jose.
F. C. Stolte Co., 1405 San Antonio
Ave., Alameda.

H. J. Christensen Co. and W. E.
Lyons Const. Co., 1955 Webster St.,
Oakland.

Miller Const. Co., 3917 Mission St.,
San Francisco.

MacDonald & Kahn Co., Ltd., 200
Financial Center Bldg., San Fran-
cisco.

Barrett & Hilp, 918 Harrison St.,
San Francisco.

Bids Wanted—To Close February

14, 2 P. M.
LAUNDRY BLDG. Cost, \$.....
IMOLA, Napa Co., Calif. Napa State
Hospital.

One-story reinforced concrete laun-
dry building with steel sash and
tile roof.

Owner—State of California.
Plans by State Division of Architec-
ture, W. K. Daniels, Acting State
Architect, Public Works Bldg.,
12th and N Sts., Sacramento.

Segregated bids will be received as
follows: (1) general work; (2) elec-
trical work and (3) mechanical work.

Plans and specifications obtain-
able from the Division of Architec-
ture, Public Works Bldg., Sacramen-
to, upon deposit of \$25, return-
able. Bids must be accompanied by
cashier's or certified check payable
to the Director of Public Works in
the amount of 10% of bid.

Bids Opened

DAIRY MILK HOUSE, ETC.
ELDRIDGE, Sonoma Co., Calif. So-
nomma State Home.

Erection and completion of Dairy
Milk House and addn. to school
bldg.; Dairy Milk House is one-
story reinforced concrete struc-
ture, 3450 sq. ft. floor space, wood roof
construction composition roof-
ing, steel sash; building situated
at farm approximately 1/2 mile
from main institution. Addition
to school is 3-classroom struc-
ture, including incidental rooms, con-
necting cloister, etc.; reinforced
concrete walls, wood floors, and
roof, tile roofing, wood sash

Owner—State of California.
Architect—State Division of Archi-

ecture, W. K. Daniels, Acting
State Architect, Public Works
Bldg., 12th and N Sts., Sacramen-
to.

Low Bidder—David Nordstrom, 354
Hobart St., Oakland, \$38,816.

Separate bids were received for (1)
general work; (2) mechanical work;
(3) electrical work; and (4) refrig-
eration work and dairy equipment.
Complete bids follow:

General Work

David Nordstrom, Oakland.....	\$38,816
Azevedo Const. Co., Sacto.....	39,932
A. Frederick Anderson, Oak- land	39,972
Carl N. Swenson Co., San Jose	42,600

Mechanical

Marcy & Peterson, 114 Broad- way, Sonoma	\$7,250
Luppen & Hawley, Inc., Sacra- mento	8,642
Jas. A. Nelson, Inc., S. F.	8,945
M. R. Carpenter, Sacto.....	9,050
Scott Co., Inc., San Francisco....	9,437

Electrical Work

Karl F. Spolting, 1067 Fourth St., Santa Rosa	\$2,696
Collins Elec. Co., Sacto.....	2,694
Crown Electric Co., S. F.	2,995
N. A. Russell, Santa Rosa	3,365
Luppen & Hawley, Inc., Sacto....	3,500

Refrigeration and Dairy Equip.

Shirar-Young Co., 1511 K St., Sacramento	\$5,190
J. N. Blair Co., Sacramento.....	5,767
Luppen & Hawley, Inc., Sacto.....	6,117
Creamery Package Mfg. Co., San Francisco	6,868
York Ice Mch. Corp., Sacto.....	6,990

14—RESIDENCES

Preparing Preliminary Plans.

RESIDENCE Cost, \$6,500
SACRAMENTO, Calif.

One - story frame and stucco resi-
dence (6 rooms, 2 baths) shingle
roof, wood sash, gas hot air heat-
ing, hardwood floors, etc.

Owner—Mr. Dickinson, c/o Arch.
Architect—Herbert Goodpastor, Mi-
tau Bldg., Sacramento.

Preparing Preliminary Plans.

RESIDENCE Cost, \$10,000
WOODLAND, Yolo Co., Calif.

Two - story frame and stucco resi-
dence (7 rooms, 3 baths) hard-
wood floors, tile baths, etc.

Owner—Dr. Nichols, c/o Architect.
Architect—Herbert Goodpastor, Mi-
tau Bldg., Sacramento.

Bids Opened

RESIDENCE
SAN JOSE, Santa Clara Co., Calif.
Hedding Street.

One-story frame, wood siding resi-
dence (6 rooms), wood sash, cel-
tex shingle roof, hardwood floors,
linoleum flrs in bath rooms, gas
blower heating system, etc.

Owner—Withheld.
Architect—Higgins & Root, Chester
Root, Architect, Security Bldg.,
San Jose.

Low Bidder—Michael Itey, Route 1,
Box 1247, Ceres, \$6,546.

Complete bids, which are being
held under advisement, follow:
Michael Itey, Ceres
 \$6,546.00 || W. B. Reese, San Jose | 6,629.00 |
| Jayden & Yates, Salinas | 7,275.57 |
| J. E. Hoover, Santa Clara | 7,544.55 |

To Be Done By Day's Work.

RESIDENCE Cost, \$12,500
FRESNO, Fresno Co., Calif. 3606
Huntington Street.

Two - story frame and stucco resi-
dence and garage.

Owner and Builder—A. G. Lampases,
Route 1, Box 435-D, Fresno.
Architect—Not Given.

Contract Awarded

RESIDENCE Cost, \$.....
STOCKTON, San Joaquin Co., Calif.
336-39 North Baker Street.

Two-story frame and stucco duplex
residence (10 rooms) hardwood
floors, tile baths, etc.

Owner—Maxwell M. Willens, 3550
Bonnie Lane, Stockton.
Architect—Not Given.
Contractor—Samuel Chase, 1724 W.
Walnut St., Stockton.

Contract Re-Awarded

RESIDENCE Cost, \$.....
CONTRA COSTA COUNTY, Calif.

Two - story frame and stucco resi-
dence (8 rooms) hardwood floors,
shingle roof, gas fired hot air
heating, tile baths, etc.

Owner—L. L. Stein.
Architect—John B. Anthony, 462 El-
wood Ave., Oakland.
Contractor—McKinney and Johnsen,
5829 Marshall St., Oakland.

Construction Started

RESIDENCE Cost, \$30,000
ATHERTON, San Mateo Co., Calif.

Two-story frame residence (12 rms.,
5 baths), shake roof, steel sash,
air conditioning system, hard-
wood floors, tile baths, etc.

Owner—Withheld.
Architect—Chester Treichel, 696
Cleveland St., Oakland.

Contractor—Suburban Builders, Inc.,
1182 Market St., San Francisco.

Preparing Working Drawings

RESIDENCE Cost, \$.....
OAKLAND, Alameda Co., Cal. Mont-
clair Highlands Extension.

One - story frame and stucco resi-
dence (5 rooms) hardwood floors,
steel sash, tile bath, shingle roof,
etc.

Owner—Walter H. Joseph, c/o archi-
tect.

Architect—John Hudspeth, 2104 Ad-
dison Street, Berkeley.

Upon completion of plans segre-
gated bids will be received by the
architect.

Construction Underway

RESIDENCE Cost, \$.....
ORINDA, Contra Costa Co., Calif.

One-story frame residence (5 rooms,
2 baths) shingle roof, oil furnace,
steel sash, linoleum floors, etc.

Owner—Robert M. Moorhead.
Architect—John Hudspeth, 1831 Arch
St., Berkeley.

Segregated contracts awarded by
the architect.

Bids In.

RESIDENCE Cost, \$.....
ORINDA, Contra Costa Co., Calif.

One-story Spanish type residence (6
rms.) hardwood floors, tile baths,
etc.

Owner—Withheld.
Architect—Chester Treichel, 696
Cleveland St., Oakland.

Announcement shortly.

Contract Awarded

RESIDENCE Cost, \$.....
SAN FRANCISCO. Saint Francis
Wood Extension, Lot 10, Block 13.

Two - story and basement frame
residence (hardwood floors, tile
baths, etc.)

Owner—Westgate Park Company.
Architect—Cherter Treichel, 696
Mission Street.

Contractor—J. Prout & Son, 2530 Fill-
more Street.

To Be Done By Days Work

RESIDENCES Cost, \$10,000 ea.
SAN FRANCISCO. E. Octavia St.,
35 ft. 61 ft. and 87 ft. S. Pacific
Avenue.

Three 2-story and basement frame
residences.

Owner and Builder—Oliver M. Rouseau, 321 Kearny St.
 Architect—Not given. 14

15— SCHOOLS

January 13, 1939
 Bids Wanted—To Close Jan. 30.
 7:30 P. M.

SCHOOL ADDITION Cost, \$70,000
 WASCOS, Kern Co., Calif.
 Reinforced concrete Science building addition to the high school, containing nine classrooms.

Owner—Wasco Union High School District, Wasco
 Architect—Franklin & Kump, Jr., Haberfeld Bldg., Bakersfield.

Plans and specifications may be obtained from the architect's office. (1357) 15

January 13, 1939

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until Jan. 30, 2:00 P. M., bids will be received by the Board of Education of the Modesto High School, E. D. Abbott, Secretary, for the millwork and trim complete and delivered at the job site (no glazing, finish floors or celotex ceilings), boys' gym building addition on the site of the Modesto High School.

Plans and specifications on file at the office of the Board of Education in the Capitol School Building on 14th St., between H and I Sts., Modesto, also, in the office of the architect, John J. Donovan, 950 Parker St., Berkeley. 15 (1363)

January 13, 1939

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until Jan. 30, 2:00 P. M., bids will be received by the Board of Education of the Modesto High School, E. D. Abbott, Secretary, for the Copper roofing completely installed, boys' gym building addition on the site of the Modesto High School.

Plans and specifications on file at the office of the Board of Education in the Capitol School Building on 14th St., between H and I Streets, Modesto, also, in the office of the architect, John J. Donovan, 950 Parker Street, Berkeley. 15 (1362)

Plans Completed ;
SCHOOL ADDITION Cost, \$.....
 PLACERVILLE, Eldorado Co., Cal
 One- and part two-story frame and stucco addn. to Placerville High School.

Owner—Eldorado County High Sch. District (Leo N. Ench, Clerk).
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans have been completed and forwarded to the State Division of Architecture for approval.

BIDS OPENED

SATICOY, Ventura Co., Calif.—Maaland & Larsen, Route 1, Box 23, Santa Paula, submitted low bid to the Saticoy Elementary School District at \$21,243 for construction of Unit A of the Upper School in West Saticoy a PWA project. Other bids were A. E. Schuster, \$21,731; Geo. MacLeod, \$22,617; Wesco Const. Co., \$24,800; John C. Blivstone, \$25,700. Bids referred to PWA. R. S. Raymond, architect, 949 1/2 Main Street, Santa Paula. 15

Award Approved
JUNIOR COLLEGE ADDITION
 Contract Price \$171,775
 SANTA ROSA, Sonoma Co., Calif.
 Construction of the 6th unit at the

Junior College, consisting of one-story reinf. concrete assembly, music and dramatics building.

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—P. F. Reilly, 666 Mission Street, San Francisco.

Award Approved
JUNIOR COLLEGE ADDITION
 Cont. Price \$118,500

SANTA ROSA, Sonoma Co., Calif.
 Construction of the 6th unit at the Junior College consisting of two-story reinforced concrete library and administration building.

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—L. S. Peletz, 1660 West Acacia Ave., Stockton.

Sub-Contracts Awarded
SCHOOL Cont. Price, \$44,860
 GARBERVILLE, Humboldt Co., Cal.

Owner—Garberville Union Elementary School District, Paul R. Todd, Clerk.

Architect—Frank T. Georgeson, 537 G Street, Eureka.

Contractor—A. O. Lightford, Upper Lake.

Roofing—Davenport Roofing & Ing Co., 717 C St., San Rafael.

Plumbing, Electric Wiring, Heating, and Sheet Metal—F. Dahlquist, Ferndale.

Glass—Western Door and Sash Co., 5th and Cypress St., Oakland.

Window Shades and Linoleum—J. W. Curry Furniture Store, Lakeport.

Lumber—Pacific Lumber Co., Freshwater.

Mill Work—Lannom Bros Mfg. Co., 5th and Magnolia St., Oakland.

Painting—Kelly & Dil, 80 Fowler Street, Willits.

Steel Rolling Doors—Acme Partition Co., Inc., 3535 Peralta St., Oakland.

BIDS WANTED
GUSTINE, Merced Co., Calif.—Until January 27, 8 P. M., bids will be received by the Clerk of the Board of Trustees, Wm. P. Jorgensen, of the Gustine Union Elementary Sch. District for construction, furnishing and installing stage equipment, auditorium chairs and folding bleachers in connection with a combination Auditorium-Gymnasium bldg. at Gustine.

Plans and specifications may be obtained from Franklin & Kump, Jr., Architects, 202 T. W. Patterson Bldg., Fresno, upon deposit of \$25.00.
 Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened in the principal's office of the Gustine Union Elementary School.

Plans Completed
SCHOOL Cost, \$60,000
 SALINAS, Monterey Co., Calif.

Construction of Unit No. 3, Junior College, consisting of art room, mechanical drawing room, electro, domestic science and cafeteria rooms.

Owner—Salinas Union High School District (R. D. Case, Clerk).

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans have been forwarded State Division of Architecture for approval.

SUB-CONTRACTS AWARDED
 WASCOS, Kern Co., Calif.—T. P. Schultz, 1115 E. Rosecrans Avenue, Compton, awarded the following sub-contracts for a classroom building

under construction on the Thomas Jefferson school site, Wasco, for the Wasco Union Elementary School District, a PWA project. Plans were prepared by John Paxton Perrine & Associates; Huntington Barker, architect, Western Pacific Building, Los Angeles;

Electric Work—Wasco Electric Shop.

Plumbing—M. J. Bergen, Wasco.

Heating—Edu. Roede, Pasadena.

Reinforcing Steel—Blue Diamond Corp., Ltd., Los Angeles.

Steel Windows—Druwhit Metal Products Co., Los Angeles.

Toilet Partitions—Continental Bldg. Specialties Co., Los Angeles. 15

BIDS WANTED

PALM SPRINGS, Riverside Co., Calif.—Until Jan. 23, 7:30 P. M., bids will be received by the Desert School District for a new frame and stucco classroom unit to be built at the grammar school in Palm Springs. John Porter Clark, architect, P. O. Box 142, Palm Springs. 15

Plans Completed
SCHOOL Cost, \$.....
 VALLEJO, Solano Co., Calif. Lincoln School.

One- and two-story frame and reinforced concrete school building to contain six classrooms and kindergarten, auditorium & suite of rooms for board of education.

Owner—Vallejo Unified School District (Elmer Cave, Superintendent of Schools).

Architect—John J. Donovan, 950 Parker St., Oakland.

Plans and specifications have been forwarded to State Division of Architecture for approval.

Plans Being Figured—Bids Close February 1

CHAPEL, ETC. Cost, \$110,000
 SAN RAFAEL, Marin Co., Calif.

Edgell Hill Road.

New two-story chapel and dormitory building, (frame and stucco construction with tile roof) at Dominican College.

Owner—Dominican College, San Rafael.

Architect — Arnold Constable, 581 Market St., San Francisco.

Plans being figured by a selected list of contractors to be announced shortly.

Sub-Contracts Awarded
RECONSTRUCTION

Contract Price, \$53,000
 OAKLAND, Alameda Co., Calif. 63rd Street and San Pablo Avenue.

Reconstruction of the South wing of Golden Gate Junior High School.

Owner—Oakland School District.

Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland, (School Administration Building)

Contractor—George Swanstrom, 1615 78th Avenue, Oakland.

Tile and Linoleum—Rigney Tile Co., 2012 Harrison St., Oakland.

Painting—J. J. Burdon, Jr., 3817 Forest Hill Ave., Oakland.

Heating and Plumbing—L. J. Kruse Co., 6247 College Ave., Oakland.

Electric Wiring—Calif. Electric Co., 1125 Oak St., Oakland.

Lumber—Loop Lumber & Mill Co., 2001 Broadway, Alameda.

Blackboards—Rucker-Fuller Co., 539 1st Market St., San Francisco.

Lathing and Plastering—C. H. Burnett & Son, 2582 El Caminito, Oakland.

Struc. and Misc. Steel—Independent Iron Works, 3001 Peralta St., Oakland.

Glass and Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.

Concrete—Nat Lena, 1174 19th Street, Oakland.
 Gunite Concrete—Cement Gun Construction Co. of Calif., 16 California St., San Francisco.
 Steel—McGrath Steel Co., 354 Hobart St., Oakland.
 Mill Work—California Mill & Lumber Co., 1829 Webster St., Oakland.

Bids Wanted—To Close February 3, 8:00 P. M.

SHOP BUILDING
 EUREKA, Humboldt Co., Calif., Eureka Union High School.
 Two-story reinforced concrete high school shop building.
 Owner—City of Eureka Board of Education.

Architects—Masten & Hurd, 442 Post St., San Francisco.
 Plans and specifications may be obtained from the architects' office upon deposit of \$25.
 Following have taken out plans:
 Robert McCarthy, 1363 14th Ave., San Francisco.
 Moore & Roberts, 693 Mission St., San Francisco.

Empire Construction Co., Russ Bldg., San Francisco.
 De Luca & Son, Inc., 1745 Filbert St., San Francisco.
 Fred J. Maurer & Son, 3031 E. St., Eureka.

Site of shop building has been cleared and contract awarded for additional boiler in the junior high school heating plant, cost of which was included in PWA grant and bond issue of \$154,545 to finance construction of shop.

Bids Wanted—To Close Feb. 2, 4 P. M.
 DEMOLITION Cost, \$.....
 OAKLAND, Alameda Co., Cal. 69th Avenue and E 14th Street.

Demolition of two-story and two-story and basement frame buildings, known as Lockwood Annex and old Lockwood Elementary school buildings.

Owner—Oakland School District.
 Engineer—Chas. A. Whitton, Second Avenue and Tenth St., Oakland (School Admin. Bldg.)
 Specifications obtainable from Rm. 109, 1026 Second Ave., Oakland. No deposit required.

16—BANKS, STORES AND OFFICES

Bids Opened
 STORE
 SACRAMENTO, Calif. 12th and "D" Streets.

One-story frame store building.
 Owner—Safeway Stores, Inc.
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

Low Bidder—W. A. Truesdale, 2116 H Street, Sacramento, \$11,458.

Complete bids were:
 W. E. Truesdale\$11,458
 H. W. Robertson11,503
 Chas. E. De Cuir11,559
 Chas. F. Unger11,628
 Jul Johnson11,864
 L. F. Gould12,204

All of Sacramento.
 Bids were originally scheduled to be opened Jan. 24, 10 A. M., however, the architect advanced the opening date to Jan. 18.

Planned
 STORE Cost, \$20,000
 SANTA CRUZ, Santa Cruz Co., Cal. Water and May Streets.
 One-story store building (30x100-ft.)
 Owner—Ben Franklin Store Co. (H. Grossman, Mgr. and Prop.), 172 Pacific Avenue.

Plans by the Contractor.
 Contractor—Darrow Palmer, 254 Branciforte Ave., Santa Cruz.
 Work is scheduled to start on the new store the latter part of this month. When vacated, F. W. Woolworth Co. will occupy the present Ben Franklin store space in a \$16,000 expansion.

Contract Awarded
 GARAGE Cost, \$12,630
 SACRAMENTO, Calif. 16th and L Streets.
 One-story brick garage building.
 Owner—Withheld.
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.
 Contractor—Chas. F. Gould, 1623 O St., Sacramento.

Preliminary Plans Completed
 STORE BLDG. Cost, \$38,000
 EUREKA, Humboldt Co., Calif. 4th and F Streets.
 Two-story store building to contain ten stores.
 Owner—Fourth and F Streets Corp., (Charles Daly, Pres.).
 Architect—Newton Ackerman, Commercial and 4th Sts., Eureka.

Plans Being Figured
 REMODEL STORE Cost, \$75,000
 FRESNO, Fresno Co., Calif. 1024 Fulton Street.
 Alterations and additions to store building.
 Lessee—W. T. Grant Co., 1022-24 Fulton Street, Fresno.
 Architect—Marshall R. Lawson, 424 S. Broadway, Los Angeles.

Sub-Contract Awarded
 ALTER GARAGE Cost, \$.....
 SAN FRANCISCO. 663 Sutter Street.
 Alterations to The Olympic Garage.
 Owner—The Olympic Garage.
 Engineer—W. Adrian, 417 Market St.
 Contractor—Cahill Bros. 206 Sansome.
 Reinforcing Steel—Soule Steel Co., 1750 Army Street.

Plans Completed
 ALTERATIONS Cost, \$.....
 SAN FRANCISCO. 1246 Webster St.
 Alterations to auto sales room.
 Owner—Louis Wolosky, 1246 Webster Street.
 Architect—Andrew H. Knoll, Hearst Building.

Contract Awarded
 REMODEL STORE
 Contract Price, \$2,603
 FRESNO, Fresno Co., Cal. 1339 Fulton Street.
 Alterations and remodeling of store building.
 Owner—W. P. Fuller & Co., Fresno.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Contractor—T. C. & W. H. Irwin, 908 Mildreda, Fresno.
 Complete bids were:
 T. C. & W. H. Irwin\$2,603
 Harris Const. Co.2,625
 Midstate Const. Co.2,667
 W. J. Ochs, Inc.2,729
 Fisher & McNulty2,825
 L. H. Hansen & Sons2,885
 All of Fresno.

Construction Starts Today
 REMODEL BUILDING
 MODESTO, Stanislaus Co., Calif., corner of 10th and J Sts.
 Remodel one-story commercial bldg., (100x140 ft.)
 Owner and Builder—Stelling Leasehold Corporation.
 Architect—Earle Bertz, 681 Market St., San Francisco.

Contract Awarded
 ALTERATIONS Cost, \$6,000
 SAN FRANCISCO. 967 Market St.

Alterations to store building.
 Owner—Joseph Rubins, 967 Market Street.

Architect—Not given.
 Contractor—The Unit Bolt Fixture Co., 298 8th St. 16

Contract Awarded
 STORE Cont. Price, \$13,549
 EUREKA, Humboldt Co., Calif. NW Fifth and I Streets.

One-story store building (50x100-ft.)
 Owner—Safeway Stores, Inc.
 Architect—Newton Ackerman, 4th & Commercial Sts., Eureka.
 Contractor—Lee A. Huber and Son, Box 518, Eureka.

19—MISC. CONSTRUCTION

BIDS CANCELLED
 MARCH FIELD, Riverside Co., Calif.—Constructing Quartermaster, Major John B. Casseday, March Field, has postponed opening of bids for outlining light cable in duct system at March Field, formerly scheduled to be opened at 10 A. M., Jan. 12. A new call for bids will be issued upon completion of wage scale for project. 19

BIDS OPENED
 BONNEVILLE, Ore.—Rodgers Tile Co., Seattle, at \$6,085, submitted low bid to the U. S. Engineer Office, Bonneville, under Bid No. 694-39-80, for installing a tile floor and wainscoting in the generator room of the power house at Bonneville, Oregon.

Total bids follow:
 Rodgers Tile Co., Seattle.....\$ 6,085
 Oregon Art Tile Co., Portland 7,998
 Northwest Tile & Mantle Co., Portland 8,324
 Carlton Tile Co., Portland..... 8,308
 Rodell Tile Contr. Co. and American Art Tile Co., Portland 8,950
 Fred W. Wagner, Portland..... 8,892
 Heart Art Tile Co., Tacoma..... 10,500
 University Brick & Tile Co., Seattle 10,160
 Northwest Marble & Terrazzo Co., Seattle 12,211
 19

BIDS WANTED
 COLORADO - BIG THOMPSON PROJECT.—Until February 2, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. No. 1175-D, for the construction of a transmission line from Loveland, Colo., to the east portal of the Continental Divide tunnel, near Estes Park, Colorado, Colorado - Big Thompson project, Colo.

The section of the line between Estes Park and the east portal of the Continental Divide tunnel will be about six miles long and will be constructed as a 33,000-volt, 3-phase, single-circuit, 60-cycle, single-pole line with pin-type insulators for 44,000-volt operation. The conductors for this section will be No. 4 AWG bare copper conductors. The section of the line from Estes Park to a point approximately 8 miles west of Loveland will be about 16 1/2 miles long and will be constructed as a 115,000-volt, 3-phase, single-circuit, 60-cycle, H-frame, wood-pole line. The conductors for this section will be 397,500-circular mil A.C.S.R. The section of the line from the end of the section described above to a point approximately one mile south of Loveland will be about 7 1/2 miles long and will be constructed as a 44,000-volt, 3-phase, single-circuit, 60 cycle, single-pole line with pin-type insulators. The conductors for this section will be No. 2/0 A.C.R.S. The

schedule is prepared on the basis of unit prices for constructing 341 pole structures of various types, attaching X-braces, constructing guys, placing plate and rock anchors, and stringing conductors.

Some of the materials are to be furnished by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$5.00, not returnable. 19

BIDS WANTED

HICKAM FIELD, T. H.—Until Jan. 27, bids will be received by the Constructing Quartermaster for finishing pavement and extension of water mains to magazine area at Hickam Field. 19

CONTRACT AWARDED

SACRAMENTO AIR DEPOT, Cal.—Harnischfeger Corp., Milwaukee, Wisc., at \$14,600, awarded contract by the Constructing Quartermaster, Sacramento, under Bid No. QM-6870-39-11, for the construction of one traveling bridge crane. 19

PLANS ON FILE

AGNEW, Santa Clara County, Cal.—A set of plans and copy of specifications for sewer and telephone extension at Agnew's State Hospital, Agnew, for which bids will be opened Jan. 24, 2:00 P. M., by the State Division of Architecture, Department of Public Works, Sacramento, are now on file for examination at the office of the Daily Pacific Builder, 465 Tenth Street, San Francisco.

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

SAN FRANCISCO.—South City Lumber & Supply Co., South San Francisco, at \$7,815.64, awarded contract by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 2144, for furnishing and delivering approximately 1,200 cu. yds. mixed concrete, Classes A and B, for San Francisco Airport (WPA). 20

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 35227, Req. No. 30762, for creosote lumber; job Aptos: Norton Phelps Lumber Co., \$3,435.20; \$2,935.00 (Aalt., wolmanized); 20 to 30 days (delivery) 2% 30 days. Long-Bell Lumber Co., \$2,702.78 (alt.) 21 days; net. Pope & Talbot Lumber Co., \$3,161.52; 30 to 45 days; net. San Lorenzo Lumber Co., \$3,465.78; 30 days; net. J. H. Baxter, \$3,150.31; 30 days; net. James L. Hall, \$3,280.19; 2 to 4 weeks; net. Hebronn Lumber Co., \$3,295.37; 21 days; 30 days. Santa Cruz Lumber Co., \$3,331.74; \$2,826.14 (alt.); 30 days; net. 20

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—The Sherwin-Williams Co. of Calif., 1450 Sherwin Ave., Oakland, at \$1.61 per gal., awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6291, for 100 gals. aluminum paint. 20

BIDS WANTED

AGNEWS, Santa Clara County, Cal.—Until Jan. 31, 10:00 A. M., bids will be received by the State Bureau

of Purchases, 911 12th St., Sacramento, for furnishing kitchen equipment for the Ward Unit No. 3; f.o.h. Agnews State Hospital Farm.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 35226, Req. No. 30761, for creosote piling and logs, job Aptos: Long-Bell Lumber Co., \$2,591.65, 30 days (delivery); net. Pope & Talbot Lumber Co., \$2,654.13; 35 to 45 days; net. Norton-Phelps Lumber Co., \$3,451; 20 to 30 days; 2% 30 days. San Lorenzo Lumber Co., \$2,983.60; 30 days; net. J. H. Baxter, \$2,660.93; 30 days; net. James L. Hall, \$2,726.80; 20 to 30 days; net. Hebronn Lumber Co., \$3,085.50; three weeks; 2% 30 days. Santa Cruz Lumber Co., \$2,958; 30 days; net. 20

CONTRACT AWARDED

OAKLAND, Cal.—Simplex Wire & Cable Co., 390 4th St., San Francisco, at \$3,032.70 awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 35,000 feet of cable for the Electrical Department. 20

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 30, 10 A. M., bids will be received by U. S. Indian Irrigation Service, Colorado River Indian Irrigation Project, Room 340, Eighth and Figueroa Bldg., Los Angeles, for 1667 l. 4-ft. woven wire fence (complete) including all bracing) and 8 gates for 5-ft. opening job bidder's shipping point and/or job Parker, Ariz.; Invit. 509. 20

BIDS OPENED

LOS ANGELES, Cal.—U. S. Treasury Dept., Los Angeles received bids for (1) 2088 ft. 4-in. x 3-ft. cast iron pipe, (1a) 2096 ft. 4-in. x 16-ft. do, job Pico; Invit. 50183. The bids were: National Cast Iron Pipe Co.: (1) \$475. U. S. Pipe & Foundry Co.: (1) \$49. American Cast Iron Pipe Co.: (1a) \$483. Pacific States Cast Iron Pipe Co.: (1a) \$505. Crane Company: (1) \$52. All terms net. 20

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—As previously reported, Bethlehem Steel Corp. awarded contract by the Bureau of Reclamation, at \$119,780.80, for reinforcement steel bars (2460 tons), for use in the construction of the power house at Shasta Dam, Central Valley Project. 20

BIDS WANTED

CALIXICO, Imperial Co., Calif.—Until Jan. 26, 1 P. M., bids will be received by the Calixico Union High School District for furnishing 451 steel lockers, 411 to be 12x12x20-in., 3 tier, single row, and 40 to be 12x 12x30-in., 2 tier, single row. Alternate bid may be submitted for 195 lockers, 3 tier, single row, 12x12x20-in., 216 lockers, 12x12x24 in., 3 tier, single row, and 40 lockers, 12x12x36 in., 2 tier, single row. All lockers to be of standard green baked enamel finish and equipped for the use of padlocks. Complete specifications to accompany each bid. Delivery within 21 days after award is required. Cashier's or certified check for 10% required. W. L. Jacobs, clerk. 20

BIDS OPENED

PORTLAND, Ore.—Isaacson Iron Works, 906 NE 3rd St., Portland, at \$21,771 submitted low bid to J. D. Ross, Administrator, 1300 NE Union Ave., Portland, for crossarm fixtures for Vancouver-Eugene Line of Bonneville Transmission system; job designated delivery points.

Ohio Brass Co., General Electric Supply Cor. and Graybar Electric Co. at \$23,944, submitted identical bids. 20

CONTRACTS AWARDED

SACRAMENTO, Calif.—Montague Pipe & Steel Co., 1999 Third Street, San Francisco, at (1) \$4800; Pacific Coast Engr. Co., Maritime and Wharf, Oakland, at (2) \$240 and (3) \$98.50; Stockton Iron Works, Harrison and Lindsay, Stockton, at (4) \$125; Good-year Rubber Co., 2400 3rd St., San Francisco, at (6) \$19.50; and Apex Foundry, Oakland, at (7a) \$39.18 and (7b) \$14, awarded contracts by the U. S. Engineer Office, Col. L. B. Chambers, Post Office Bldg., Sacramento, under Bid No. 1105-39-153, for furnishing misc. castings; job Rio Vista.

Bids were taken on:

- (1) Pontoon pipe;
- (2) Dredge suction pipe;
- (3) Pipe bands;
- (4) 3-bladed propeller;
- (5) Pinion gears;
- (6) Rubber valve seat;
- (7a) Rough crosshead brass castings;
- (7b) rough crank pin do.

Total bids follow:

Goodyear Rubber Co., San Francisco, (6) \$119.50, delivery in 15 days, 2% 10 days. Neptune Machine Works, S. F., (7a) \$117; (7b) \$27; 20 days; 1 1/2% 30 days.

Pacific Brass Foundry, San Francisco, (7a) \$73.50; (7b) \$13; 15 days; 1% 30 days.

Pacific Coast Engr. Co., Oakland, (1) \$4,787.50, 60 days; (2) \$240, 35 days; (3) \$98.50, 30 days; 1/2 of 1% 30 days.

Montague Pipe & Steel Co., San Francisco, (1) \$4800; (3) \$122.50; 1% 30 days.

Golden State Miners Iron Works, San Francisco, (3) \$137.50, 30 days; (4) \$135, 45 days; (5) \$612, 45 days; 1/2 of 1% 30 days.

Apex Foundry, Oakland, (7a) \$39.18 20 days; (7b) \$14; 20 days; net.

M. Greenberg's Sons Brass Fdry. & Machine Works, San Francisco, (7a) \$79.50, 20 days; (7b) \$12; 20 days.

Boiler Tank & Pipe Co., Oakland, (1) \$4950, 65 days; (3) \$125, 30 days. Stockton Iron Works, Stockton, (4) \$125, 45 days. 20

BIDS OPENED

OAKLAND, Cal.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$44,187.50 submitted the low bid to East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. LS225 for 70,000 lf. of cast iron pipe of 4- and 6-inch diameter.

Total bids follow:

U. S. Pipe & Foundry Co., \$44,187.50. American Cast Iron Pipe Co., \$44,700.00. Pacific States Cast Iron Pipe Co., \$46,400.00. 20

CONTRACTS AWARDED

OAKLAND, Cal.—James Jones Co., 201 Leroy St., Los Angeles, at \$249 (1), and \$900 (4), and American Brass & Copper Co., 557 Market St., San Francisco, at \$110 (2), and \$9.23 (3), awarded contracts by the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, for fur-

nishing (1) 300 1-inch corporation stops; (2) 200 1-inch curb stops; (3) 12 1-inch curb stops; (4) 300 2-inch curb stops. * 20

CONTRACTS AWARDED

OAKLAND, Calif.—Paraffine Companies, Inc., 400 of Powell St., San Francisco, at \$1,368 (1), and \$313.20 (2), and Maxwell Hardware Co., 1320 Washington St., Oakland, at \$302.40 (3), awarded contracts by the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1118, for (1) 500 rolls of roofing felt; (2) 360 rolls sheathing paper, and (3) 18 tons of roofing asphalt. * 20

CONTRACT AWARDED

OAKLAND, Cal.—Oakland Plumbing Supply Co., 4th and Harrison Sts., Oakland, at \$1,898.31 awarded contract by the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1120 for furnishing pipe and fittings. * 20

CONTRACTS AWARDED

SACRAMENTO, Cal.—Contracts for furnishing fuel oil awarded by State Purchasing Agent, are:

Mendocino State Hospital

Item (1) General Petroleum, \$1.50.
(2) Signal Oil Co., 24 plus; \$0.675; 37 plus, \$0.775.

Napa State Hospital

(1) Knipschild Dehydrates Mfg. Co. \$0.0575.

(2) Knipschild Dehydrates Mfg. Co., \$0.675.

Calif. State Prison, San Quentin Domestic; Associated Oil Co., \$1.05. Standard; Associated Oil Co., \$.95. Batching Oil; Richfield Oil Co., \$2.25. Spindle Oil; Richfield Oil Co., \$3.17. Veterans Home, Yountville

Fuel Oil; Knipschild Dehydrates Mfg. Co., \$0.575, 25 plus; \$0.675, 37 plus.

Folsom Prison

Spec. No. 400, Standard Fuel Oil; Petro Corp., \$1.092.

Spec. No. 200, Diesel Rotary Oil Burner Co., \$0.6.

Spec. No. 100, Diesel Rotary Oil Burner Co., \$0.7.

Preston School, Ione

Fuel Oil Carload; Union Oil Co., \$1.1941.

Indus. Home for Blind, Oakland Standard Oil Co., \$1.17; No. 300.

Patton State Hospital

Wilshire Oil Co., \$.79.

Pacific Colony

Wilshire Oil Co., \$.855.

Fuel Oil, State Teachers Colleges Humboldt State Teachers College, Standard Oil Co., \$1.40.

Chico State Teachers College, Petrol Corp., \$1.337.

San Diego State Teachers College, Smilage Co., \$1.06.

San Francisco State Teachers College, Shell Oil Co., \$1.17.

S. F. State Bldg., Shell Oil Co., \$1.17. Los Angeles State Bldg., Petrol Corp., \$.78.

Sacramento State Bldg., Petrol Corp., \$1.01.

Santa Barbara State Teachers College, Seaside Oil Co., \$1.12.

All contracts are for three months except Petrol Corp., which was given the contract for one year on items bid on. * 20

AWARDS RECOMMENDED

EXETER, Tulare Co., Calif.—Exeter Elementary School District has recommended to PWA awards of contracts for furnishing school equip. as follows: Heywood-Wakefield Co., San Francisco, 40 pupils' movable tables, \$415; American Seating Co., San Francisco, 80 Mosher style pupils' chairs, \$128; 80 pupils' movable,

adjustable desk and chair units, \$960; Healey & Popovich, Fresno, 5 teachers desks and chairs, \$155.70; 500 steel folding chairs, \$1098.75; R. L. Grosh & Sons Scenic Studios, Los Angeles, stage equipment and drapes, \$578. H. L. Gogerty, architect, 6272 Yucca St., Hollywood. * 20

BIDS OPENED

BOULDER CANYON PROJECT.—Bids for two 287.5 kilovolt, 1200 amp. oil circuit breakers; five 287.5 kilovolt, 1200 amp. disconnecting switches, and 287.5 kilovolt, 3 phase lightning arresters for installation in City of Los Angeles switchyard and on powerhouse roof at Boulder power plant, Boulder Canyon project; f.o.b. bidder's shipping point and/or Boulder City, Nev., Spec. B17, were opened by Bureau of Reclamation, Denver. Low bids were:

SCHEDULE 1: General Elec. Co., Schenectady, N. Y., \$235,600. Only other bidder: Westinghouse Elec. & Supply Co., Denver, \$249,600.

SCHEDULE 2: Bowie Switch Co., San Francisco, \$61,300; Railway & Industrial Engrg. Co., Greensburg, Pa., \$63,055.

SCHEDULE 3: Westinghouse Elec. & Supply Co., Denver, \$17,050. Only other bidder: General Elec. Co., \$17,136. * 20

AWARDS RECOMMENDED

STRATHMORE, Tulare Co., Calif.—Strathmore Elementary School District has recommended to PWA that contracts be awarded for furnishing school equipment as follows: American Seating Co., San Francisco, 35 pupils' movable desk and chair units, \$420; 16 cafeteria folding tables, \$247; 3 desks and chairs, \$81.99; 4 library tables, \$85.60; 4 cots, \$59.20; Healey & Popovich, Fresno, 300 steel folding chairs, \$659.25; Dohrman Hotel Supply Co., 7 cafeteria steam tables, \$120.54; Healey & Popovich, stage equipment and drapes, \$540.15. H. L. Gogerty, architect, 6272 Yucca Street, Hollywood. * 20

AWARDS RECOMMENDED

CORCORAN, Kings Co., Calif.—Corcoran Union High School District has recommended to PWA that contracts for furnishing school equipment be awarded as follows: Ideal Seating Co., 800 assembly hall chairs, \$4864; Acme Chair Co., 100 steel folding chairs, \$249.26; American Seating Co., 25 library and classroom tables, \$521.21; 134 pupils' movable chairs, \$438.18; 49 typing room chairs, \$217.07; 1 cutting table, \$59.70; 1 instructor's table, \$169.97; 1 speaker's stand, \$90; 1 dietetic table, \$83.64; Healey & Popovich, 6 directors' tables and chairs, \$198; 1 principal's desk and chair, secretary's chair and 6 side chairs, \$137.80; Charles Bruning Co., 6 biology tables, \$611.58; Western Office Furniture Co., Los Angeles, 6 steel files, \$242.33; Worley & Co., 448 steel lockers, \$1868.84; C. R. Simeon Mfg. Co., San Francisco, sound film projector, \$540.59; Singer Sewing Machine Co., Fresno, 4 sewing machines, \$356.34; School Equipment Co., stage and window drapes, \$1588; R. L. Grosh & Sons Scenic Studios, motion picture screen, \$156. H. L. Gogerty, architect, 6272 Yucca St., Hollywood. * 20

BIDS OPENED

SACRAMENTO, Calif.—Following submitted identical bids of (1) \$878; (2) \$684; (3) \$546; and (4) \$334, to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-162, for wire rope

of (1) 1-in. diam., (2) ¾-in. diam., (3) ¾-in. diam., (4) 9/16-in. diam., of uncoated, performed, improved plow steel, Lang lay, filler wire, independent wire rope center, with 6 strands each composed of 19 wires; f.o.b. Rio Vista.

Bidders were:

Wire Rope of America, (delivery in 3 days).

Dunham, Carrigan & Hayden Co., (3 days).

Wickwire Spencer Fence Co., (3 days).

John A. Roebing's Sons Co. of Calif., (14 days).

A. Leschen and Son Rope Co., San Francisco, (9 days).

Thompson Diggs Co., Sacramento, (1 day).

American Chain Cable Co., (1 day). Fred Barnett, (5 days).

Rocheater Rope Inc., (14 days). Macwhite Co., (5 days).

Gilmore Steel Supply Co., (4 days). Union Wire Rope Co., (30 days).

Bethlehem Steel Co., (5 days on first 3 items; 14 days on fourth item).

Harron, Rickard & McCone, (3 days). T. H. Edwards Co., (1 day). * 20

OAKLAND, Calif.—Chase Brass & Copper Co., Inc., 678 2nd St., San Francisco, at \$1,506.39, submitted low bid to the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1120, for furnishing pipe and fittings.

Total bids follow:

Chase Brass & Copper Co., Inc., San Francisco	\$1,506.39
Crane Co., Oakland	1,888.18
Richmond Sanitary Co., Oakland	1,898.10
Oakland Plumbing Supply Co., Oakland	1,898.31
Walworth California Co., Oakland	1,913.39
Moran Plumbing Supply Corp., Oakland	1,931.10
Steam & Plumbing Service Corp., San Francisco	1,935.47
Meyer & Wirthingier, Oakland	1,943.95
Oakland Sheet Metal Supply Co.	1,944.89
California Steam & Plumb. Supply Co., San Francisco	1,945.31
Pacific Plumbing & Heating Supply Co., San Francisco	1,946.25
Grinnell Co., of the Pacific, Oakland	1,975.00
Tay-Holbrook Inc., Oakland	2,037.21
American Brass & Copper Co., Oakland	2,098.84

* 20

BIDS WANTED

COLUMBIA BASIN PROJECT.—Until Jan. 30, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1173-D, for furnishing and delivering stop-log guides and appurtenances for installation at the intakes at the Grand Coulee pumping plant, Columbia Basin Project, Wash.; f.o.b. shipping point and/or Odair, Wash. The materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.50, not returnable. * 20

CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Bethlehem Steel Co., 20th and Illinois, San Francisco, at \$119,780.00, awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., for reinforcing steel bars for the Central Valley Project. * 20

BIDS OPENED

BOULDER CANYON PROJECT.—San Geronigo Rock Products, P.O. Box 158, Banning, at \$49,270.00, submitted low bid to Bureau of Reclamation, Yuma, for preparation of concrete aggregates near Sta. 116 of All-American Canal, Bouler Canyon project; Spec. 1159-D

Work involves:

- (1) 11,000 c.y. excav., stripping gravel deposits;
- (2) 46,000 c.y. preparing and stockpiling sand;
- (3) 25,000 c.y. preparing and stockpiling gravel, 3/16-in. to 1/2-in.;
- (4) 31,000 c.y. preparing and stockpiling gravel, 1/2-in. to 1-in.;
- (5) 9000 c.y. preparing and stockpiling gravel, 1-in. to 1 1/2-in.

Total bids follow:

- (A) San Geronigo Rock Products, Banning, \$49,270.00.
 - (B) Geo. Pollock, Sacramento, \$53,270.00.
 - (C) E. M. Hawley, Santa Ana, \$54,379.00.
 - (D) Triangle Rock and Gravel Co., San Bernardino, \$57,555.00.
 - (E) R. E. Hazard & Sons, San Diego, \$68,250.00.
 - (F) Shofner & Gordon, Los Angeles, \$68,795.00.
 - (G) Peglas Construction Co., \$157,650.
- Unit prices follow.
- | | (A) | (B) | (C) | (D) | (E) | (F) | (G) |
|----------|-----|-----|-----|-----|-----|-----|-----|
| (1)..... | 43 | 40 | 11 | 10 | 15 | 25 | 50 |
| (2)..... | 43 | 47 | 479 | 497 | 60 | 595 | 75 |
| (3)..... | 43 | 47 | 479 | 52 | 60 | 595 | 150 |
| (4)..... | 43 | 47 | 479 | 52 | 60 | 595 | 215 |
| (5)..... | 43 | 47 | 479 | 497 | 60 | 595 | 150 |

BIDS OPENED

OAKLAND, Calif.—The Paraffine Companies, Inc., foot of Powell St., San Francisco, at \$2,113.20 submitted low bid to the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, for (1) 900 rolls roofing felt; (2) 360 rolls of sheathing paper, and (3) 18 tons of roofing asphalt.

Complete bids follow:

- The Paraffine Companies, Inc., San Francisco, (1) \$1.52; (2) \$0.87; (3) \$24; total, \$2,113.20.
- Maxwell Hardware Co., Oakland, (1) \$1.67; (2) \$0.95; (3) \$16.80; total, \$2,147.40.
- Johns-Manville Sales Corp., Oakland, (1) \$1.60; (2) \$0.963; (3) \$22.50; total, \$2,191.68.
- Enreka Mill Lumber Co., Oakland, (1) \$1.74; (2) \$0.995; (3) \$18; total, \$2,248.20.
- Markus Hardware & General Merchandise Co., Oakland, (1) \$1.76; (2) \$1.01; (3) \$18; total, \$2,271.60.
- Melrose Bldg. Material Co., Oakland, (1) \$1.7765; (2) \$1.0165; (3) \$18 total, \$2,288.79.
- Zellerbach Paper Co., San Francisco, (1) \$1.77; (2) \$0.96; (3) \$26; total, \$2,406.60.

BIDS OPENED

WASHINGTON, D. C.—Following submitted bids to the U. S. Treasury Department, Procurement Division, Washington, D. C., under Spec. No. 15056-SP-1-3, for cement for the West Coast.

Bids were taken out:

- (1) 50,000 bbls. cement.
- (2) 100,000 bbls. cement.

Bids were:

- Monolith Portland Cement Co., Los Angeles, (1) \$1.52; (2) \$1.50; net.
- Pacific Portland Cement Co., San Francisco, (1) \$1.93; (2) \$1.93; net.
- Santa Cruz Portland Cement Co., San Francisco, (1) \$2; (2) \$2; net.
- Calaveras Cement Co., San Fran-

cisco, (1) \$2.10; (2) \$2.10; net.

Beaver Portland Cement Co., Portland, (1) \$2.15; (2) \$2.15; 10c per bbl. discount 30 days.

10c per sack returned discount for all firms. 20

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until Jan. 23, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denchery, Colorado, under Bid No. B-47, 439-A, for (1) cast-iron pipe and fittings and (2) clay sewer pipe and fittings or concrete sewer pipe and fittings; f.o.b. shipping point and/or Coram, Calif.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

OAKLAND, Calif.—James Jones Co., 201 Leroy St., Los Angeles, at \$1,303.80, submitted low bid to the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1119, for furnishing brass curb and corporation stops.

Total bids follow:

- James Jones Co., Los Angeles\$1,303.80
- Mueller Co., San Francisco.....1,357.28
- American Brass & Copper Co., San Francisco 1,535.24
- Tay-Holbrook Inc., Oakland.....1,708.44
- Chase Brass & Copper Co., Inc., San Francisco (Item 1-300 1-in. corp. stops).....3429.00

ALAMEDA COUNTY PERMITS UNDER \$1000

- ALTER, \$300; 1642 Delaware, Berkeley, owner, N. Marioka, 1642 Delaware; contractor, Geo. A. Hastings, 1963 29th Ave., Oakland.
- RE-ROOF, \$400; 2265 Telegraph, Berkeley; owner, American Trust Co., 464 Market St., San Francisco; contractor, Guy Tyler & Sons, 1502 Cedar.
- RE-ROOF, \$350; 2271 Telegraph, Berkeley; owner, American Trust Co., San Francisco; contractor, Guy Tyler & Sons, 1502 Cedar Street.
- WALL, retaining, \$200; 1900 Melvin Road, Oakland; owner, B. Celli, Oakland; contractor, Chas. Ungaretti & Son, 1727 Foothill.
- REPAIRS, \$50; 816 Aak St., Oakland; owner, Tom Fang, 816 Aak Street.
- REPAIRS, \$400; 3026 Linden St., Oakland; owner and builder, Joe Figliola, 3026 Linden St.
- REPAIR roof, \$15; 3642 Nevil St., Oakland; owner, Mrs. Stambough, 697 Santa Ray Ave.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.
- ALTER, \$75; 2235 90th Ave., Oakland; owner, Mary E. Hitchcock, 2235 90th Ave.; contractor, G. N. Nickell, 1902 85th Ave.
- RE-ROOF, \$198; 2152 Vicksburg Ave.; owner, Mr. Hannon, 2152 Vicksburg Avenue; contractor, American Roof Co., 383 40th St.
- RE-ROOF, \$130; 10014 Pippin Street, Oakland; owner, Jesse De Porto, 10014 Pippin St.; contractor, American Roof Co., 383 40th St.
- RE-ROOF, \$155; 2244 64th Avenue, Oakland; owner, Jack Guiris, 2244 64th Ave.; contractor, American Roof Co., 383 40th St.
- RE-ROOF, \$140; 2056 64th Ave., Oakland; owner, Mrs. H. J. Bieghler, 2056 64th Ave.; contractor, American Roof Co., 383 40th St.

- GARAGE, 1-story frame, \$175; 6828 Pinehaven Road, Oakland; owner and builder, W. H. Lawrence.
- SIGN, wood, \$12; 3530 E. 12th St., Oakland; owner, John Munoz Collection Agency, 3530 E. 12th Street.
- SIGN, cloth, \$5; 6700 E. 14th Street, Oakland; owner and builder, K. G. Stiles, 6700 E. 14th St.
- SIGN, cloth, \$5; 6700 E. 14th Street, Oakland; owner and builder, K. G. Stiles, 6700 E. 14th St.
- GARAGE, \$96; 1510 Francis, Albany; owner, W. R. Zavruska, 1510 Francis; contractor, Chas. Byson, 1129 65th St., Oakland.
- GARAGE, \$150; 2366 Virginia, Berkeley; owner and builder, John Hedstrom, 2366 Virginia.
- ALTER, \$250; 2537 Chilton Way, Berkeley; owner and builder, Marie Nielsen, 1905 Parker.
- ALTER, \$950; 2024 Shattuck; owner, J. G. Wright, 748 Coventry Road; contractor, Mason-McDuffie Co., 2101 Shattuck.
- GARAGE, \$100; 2945 Georgia Street, Oakland; owner and builder, John and Rae Busk, 2945 Georgia St.
- ALTER, \$100; 1145 Franklin Street, Oakland; owner and builder, Louis & Pendrain, 1814 Grove St., Berkeley.
- FOUNDATION, new, \$350; 2922 35th Ave.; owner, Louise Harrer, 1927 San Pablo Ave.
- GARAGE, \$150; 2922 35th Ave., Oakland; owner, Louise Harrer, 1927 San Pablo Ave.
- Architect—Not given. \$150
- ALTER, \$650; 1167 Hopkins Street, Oakland; owner and builder, Arden Warner, 3422 Park Blvd.
- REPAIRS to roof, \$48; 3445 Piedmont Ave.; owner, Mr. Wm. Cahie; contractor, Brown Roof Co., 523 49th St.
- FIRE repairs, \$300; 2005 East 21st St.; owner and builder, James Hamilton, 2005 East 21st St.
- RE-ROOF, \$179; 1824 Irving Avenue, Oakland; owner, H. J. Wright; contractor, Crown Roof Co., 1911 East 12th St.
- RE-ROOF, \$180; 914 Magnolia St., Oakland; owner, Lillian Sparrow; contractor, Crown Roof Co., 1911 East 12th St.
- REPAIRS, \$100; 400 8th St., Oakland; owner, Bessina B. Rochios, Oakland; contractor, A. T. Beckett, 224 Scenic Ave., Piedmont.
- GARAGE, \$200; 3728 Bruce Street, Oakland; owner and builder, A. D. Klump, 3728 Bruce St.
- ADDITION and repairs, \$200; 3728 Bruce St., Oakland; owner and builder, A. D. Klump, 3728 Bruce St.
- ADDITION and alter, \$50; 7535 Sun-kist Drive; owner, M. Gonsalves, 7535 Sun-kist Drive.
- POLE, barber, \$400; 5925 E. 14th St., Oakland; owner and builder, C. E. Donovan.
- SIGN, electric, \$75; 1473 14th Street, Oakland; owner, Peralta Liquor Store; contractor, Radiant Neon Displays, 796 22nd St.
- SIGN, electric, \$150; 2205 Telegraph Ave.; owner, Roosevelt Laundry; contractor, Radiant Neon Displays, 786 22nd St.
- SIGN, metal, \$15; 2067 Broadway, Oakland; owner, Paramount Liquor Store; contractor, Jack Norton, 786 22nd St.
- SIGN, cloth, \$10; 1402 East 12th St., Oakland; owner and builder, R. H. Bacon, 1402 East 12th St.
- 2 cloth signs, \$5 each.
- 1 wood sign, \$3.
- 1 metal sign, \$3.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|------------------------------------|-------------------------------|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Equipment |
| 24.—Street Light Systems | 33.—Water Works |
| 25.—Machinery and Equipment | 34.—Parks & Playgrounds |
| 26.—Railroads | 35.—Tunnels |
| 27.—Fire Alarm Sys. | |
| 28.—Fire Equipment | |
| 29.—Streets & Highways | |

21— BRIDGES

CONTRACT AWARDED

SAN BERNARDINO CO., Cal.—G. E. Kerns, 3712 Gavilota Ave., Long Beach, at \$44,862.50 awarded contract by the State Division of Highways, Frank W. Clark, State Director of Public Works, Sacramento, for the construction of a reinforced concrete slab bridge across San Antonio Wash and about 0.2 mile of grading and paving with asph. concrete about 1/8 mile east of Los Angeles county line (VIII-SBD-26-C), San Bernardino County. * 21

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until February 8, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a steel beam overhead structure with concrete deck across the tracks of the Southern Pacific railroad and about 0.3 mile of grading and paving with portland cement concrete and asphalt concrete about 0.4 mile south of Turlock, Stanislaus Co.

Work involves:

- (1) 31 sta. clear and grub;
- (2) 500 c.y. remove concrete;
- (3) 875 M. gals. water;
- (4) 1,350 c.y. rdwy. excav., unclass.;
- (5) 2,500 c.y. struc. excav.;
- (6) 27,750 c.y. imported borrow;
- (7) 7,470 sq. yds. prepare subgrade;
- (8) 31 sta. finish rdwy.;
- (9) 2,750 tons untreated crushed gravel or stone surf.;
- (10) 530 c.y. salvage surf.;
- (11) 17 tons liquid asph. SC-2 prime coat shouldered and penetration oil treatment;
- (12) 63 tons liquid asphalt ROMC-3 or -4 or -5 plant mix surf.;
- (13) 1,250 tons min. agg. plant mix surf.;
- (14) 7 tons asph. emulsion seal coat and paint binder;
- (15) 65 tons screenings seal coat;
- (16) 1,000 sq. yds. prepare, mix and shape shouldered;
- (17) 410 tons asph. concrete;
- (18) 1,290 c.y. Class B portland cement concrete pave.;
- (19) 2,520 each pavement dowels;
- (20) 1,050 each tie bolt assemblies;
- (21) 683,000 lbs. bar reinf. steel;
- (22) 4,523 c.y. Class A portland cement concrete struc.;
- (23) 1,664,000 lbs. struc. steel;
- (24) 43,000 lbs. blast plates;
- (25) 4,050 lbs. misc. steel;
- (26) 2,560 l.f. steel railing;
- (27) 21,275 l.f. furnish treated Douglas fir piles including test piles;
- (28) 839 each drive do.;
- (29) 26 l.f. 12-inch CMP;
- (30) 36 l.f. 18-inch CMP;

- (31) 3 each cast steel frames and covers for drop inlets;
 - (32) 375 c.y. Class A portland cement conc. curbs, gutters, and sidewalks;
 - (33) 6 ea. culvert markers and guide posts;
 - (34) 0.72 mile new property fence;
 - (35) 7 each drive gates;
 - (36) 1,250 lbs. sheet copper;
 - (37) 19 each monuments;
 - (38) 6 sections pavement crossing devices, type B-12;
 - (39) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until February 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of two reinforced concrete single span slab bridges, one located near Etiwanda Ave. about 7 miles east of Ontario (VIII-Sbd-26-D), and the other located at East Ave. about 8 miles east of Upland (VIII-Sbd-9-A), San Bernardino county, and approx. 0.04 mile of grading and paving with portland cement concrete and asphalt concrete on approaches.

Work involves:

- (1) 322 c.y. remove and dispose of existing concrete;
 - (2) 16 M. gals. water;
 - (3) 1,200 c.y. rdwy. excav., unclass.;
 - (4) 1,090 c.y. struc. excav.;
 - (5) 1,980 sq. yds. subgrade for pave.;
 - (6) 5 sta. finish rdwy.;
 - (7) 82 tons plant mix surf.;
 - (8) 480 tons asph. conc.;
 - (9) 15 c.y. Class A portland cement concrete pave.;
 - (10) 123,000 lbs. bar reinf. steel;
 - (11) 782 c.y. Class A portland cement conc. struc.;
 - (12) 328 l.f. furnish steel piles including test piles;
 - (13) 20 each drive do.;
 - (14) 238 l.f. timber bridge railing;
 - (15) 1 lot temporary barricade;
 - (16) 130 l.f. temporary guard railing;
 - (17) 35 c.y. broken concrete riprap;
 - (18) 35 sq. yds. Class A portland cement conc. articulated apron;
 - (19) 15 each guide posts;
 - (20) 3 each monuments;
 - (21) 1 lot misc. items of work.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 21

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until Feb. 8, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway

Engineer, Public Works, Building, Sacramento, for the construction of a reinforced concrete slab and girder bridge across Ohman Creek and about 0.2 mile grading and surfacing with road mix surfacing and a Class "C" seal coat about 9 miles north of Garberville, Humboldt County.

Work involves:

- (1) 2 acres clear and grub;
- (2) 7 each remove and grub redwood trees, size 1;
- (3) 1 each remove and grub redwood trees, size 2;
- (4) 1 each remove and grub redwood trees, size 3;
- (5) 1 each remove redwood trees, size 3;
- (6) 67 M. gals. water;
- (7) 1,700 cu. yds. roadway excavation without class.;
- (8) 340 cu. yds. struc. excav.;
- (9) 2,500 cu. yds. import. borrow;
- (10) 12 sta. finish roadwy.;
- (11) 6 tons liq. asph. SC-1A prime coat;
- (12) 440 cu. yds. min. agg. road mix surfacing;
- (13) 34 tons liq. asph. SC-4 road mix surfacing;
- (14) 5 tons asph. emulsion seal coat;
- (15) 60 cu. yds. screen seal coat;
- (16) 96,000 lbs. bar reinf. steel;
- (17) 28 cu. yds. class A Portland cement concrete footing block;
- (18) 318 cu. yds. class A Portland cement concrete struc.;
- (19) 382 lin. ft. timber rail;
- (20) 6 M ft. Board measure second hand timber detour bridge;
- (21) 1,155 lin. ft. furnish untreated timber piles detour bridge;
- (22) 33 each driving untreated timber piles detour bridge;
- (23) 384 lin. ft. furnish cast in place concrete piles;
- (24) 12 each drive steel shells;
- (25) 140 lin. ft. 18-in. CMP;
- (26) 4 each culvert markers;
- (27) 0.18 mile new property fence;
- (28) 1 each drive gate;
- (29) 8 each monuments;
- (30) 1 lot temporary barricades;
- (31) 1 lot jacking operations;
- (32) 1 lot remove portions of existing bridge;
- (33) 1 lot remove detour bridge;
- (34) 1 lot misc. items of work.

The state will furnish C. M. O. P. and band couplers.

Plans and specifications may be obtained from the above office. * 21

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—R. M. Price, 5400 Imperial Highway, South Gate, at \$35,924.90 awarded contract by the State Division of Highways, Frank W. Clark, State Director of Public Works, Sacramento, for the construction of a bridge 408 feet in length, consisting of timber stringer spans with concrete deck on pile bents, the roadway approaches to be graded, imported surf. material to be placed thereon, and road mix surfacing treatment applied, across Mojave River at Baker (VIII-SBD-31-K), San Bernardino County. * 21

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Feb. 9, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for the construction of a reinforced concrete bridge and about 0.4 mile grading and paving with

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street
Sacramento : California

asphalt concrete and Portland cement concrete pavement on North Figueroa Street, between Sunset Blvd. and Diamond Street, (VII-LA-165-LA), Los Angeles County. Work involves:

- (1) Clear and grub;
- (2) 500 M gals water;
- (3) 3,400 cu. yds. remove concrete;
- (4) 31,500 c.y. roadway excavation without class;
- (5) 10,900 tons imp. subgrade material;
- (6) 34,000 c.y. struc. excav.;
- (7) 4,900 c.y. imp. struct. backfilling material;
- (8) 17,300 sq. yds. prepar. subgrade;
- (9) finish roadway;
- (10) 9,500 tons asph. concrete;
- (11) 13 tons asph. emulsion paint binder and seal coat;
- (12) 710 c.v. class B Portland cement concrete pavement;
- (13) 3,700 c.v. class A Portland cement concrete struc.;
- (14) 270 c.y. class F Portland cement concrete strcuts.;
- (15) 66 c.y. class A Portland cement concrete railing;
- (16) 1,042,000 lbs. bar reinf. steel pave. and struc.;
- (17) 1,300 each pave. dowels;
- (18) 310 sq. vds. mesh reinf.;
- (19) 19,500 lbs. misc. iron and steel;
- (20) 700 lin. ft. furnish cast in place concrete piles;
- (21) 36 each drive steel shells;
- (22) 770 lf. 12-in. stand. reinf. conc. pipe;
- (23) 390 lf. 15-in. do;
- (24) 350 lf. 18-in. do;
- (25) 420 lf. 21-in. do;
- (26) 270 lf. 24-in. special reinf. concrete pipe;
- (27) 10 lf. 27-in. do;
- (28) 150 lf. 30-in. do;
- (29) 30 lf. 33-in. do;
- (30) 120 lf. 36-in. do;
- (31) 140 lf. 42-in. do;
- (32) 870 lf. 54-in. do;
- (33) 340 lf. 72-in. do;
- (34) 430 lf. 84-in. do;
- (35) 4 lf. 8-in. CMP;
- (36) 300 lf. 8-in. perf. metal pipe undergrains;
- (37) 20 c.v. rock filling material;
- (38) 1,320 lf. 6-in. vit. clay pipe;
- (39) 1,420 lf. 8-in. vit. clay pipe extra strength;
- (40) 1,020 lf. 10-in. do;
- (41) 330 lf. 12-in. do;
- (42) 630 c.v. class C Portland cement concrete pipe reinf.;
- (43) 870 lf. 3-in. cast iron pipe;
- (44) 1,020 c.v. class A Portland cement concrete curbs, gutters, sidewalks and driveways;
- (45) 600 lf. curb armor;
- (46) 6,200 lf. curb bar;
- (47) 40 lf. pipe shaft manholes;
- (48) 4 each sewer manholes, type S;
- (49) 4 each sewer manholes, type B;
- (50) 1 each sewer manhole, type B JCF;
- (51) 3 each reconstruct exist. manholes;
- (52) 7 each adjust manholes to grade;
- (53) 7 each tying in house connections;
- (54) reconstruct exist. street lighting system at Temple street;
- (55) 70 lf. 1½-in. electrical conduit;
- (56) 190 lf. 2-in. elec. conduit;
- (57) 500 sq. yds. membrane waterproofing;
- (58) 6,200 sq. ft. deck waterproofing;
- (59) 252 sq. yds. glazed tile work;
- (60) electrical equipment bridge;
- (61) misc. bridge items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Building, Sacramento. * 21

BIDS WANTED

WINSLOW, Navajo Co., Arizona.—Until January 27, 10 A. M., bids will

be received by Arizona State Highway Commission, Phoenix, for construction of steel plate girder bridge on concrete pile foundations at the highway crossing of the Little Colorado River about 2½ miles east of Winslow on Holbrook-Winslow Highway. FA 40-B (1) (1939) AFE 6605.

- Work involves:
- (1) 880 c.y. struc. excav.;
 - (2) 972 c.y. Class A concrete;
 - (3) 655 c.y. Class C concrete;
 - (4) 188,200 lbs. reinf. steel;
 - (5) 746,600 lbs. struc. steel;
 - (6) 6,830 lf. concrete piles;
 - (7) 164 each driving piles;
 - (8) 145 lf. concrete test piles;
 - (9) 3 each driving test piles;
 - (10) 8,420 lf. steel sheet piling;
 - (11) 248 each driving steel sheet piling;
 - (12) 1,300 c.y. rock backfill.

Certified or cashier's check for \$500 must accompany bid. Howard S. Reed, State Highway Engineer.

LOW BID REJECTED

SAN BERNARDINO CO., Calif.—The bid of Edward Green, at \$35,278, on the bridge across the Mojave River at Baker, San Bernardino Co. (VII-SBd-31-K), has been rejected by the State Highway Engineer, placing R. M. Price of Huntington Park at \$35,924 in first place. The low bid irregular. * 21

22—DREDGING HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

OXNARD, Ventura Co., Calif.—Standard Dredging Co., 325 Central Bldg., Los Angeles, at \$957,410, awarded contract by Oxnard Harbor District, for construction of work for harbor development at Point Huemene, Ventura County. Rohl-Connelly Co., 4351 Valley Blvd., Los Angeles, was named as sub-contractor for schedules 2, 3, 4 and 5. Quinton, Code & Hill-Leeds and Barnard, Edison Bldg., Los Angeles, consulting engineers. * 22

23—CANALS

CONTRACT AWARDED

YAKIMA PROJECT, Wash.—J. A. Terteling and Sons, Box 1406, Boise, Idaho, at \$448,335.70, awarded contract by the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. No. 813, for the construction of earthwork, tunnels, canal lining, and structures, station 1641 plus 15 to station 1952 plus 09, Yakima Ridge canal, Roza division, Yakima Project, Wash. * 23

24—STREET LIGHTING

CONTRACT AWARDED

LOS ANGELES CO., Calif.—R. H. Walker, 1307 W. 48th St., Los Angeles, awarded contract by the Los Angeles County Supervisors for the construction of street lighting system in Bellflower Blvd., between Park Ave. and east prolongation of Mayne St., and in first alley north of Oak Ave. and east from Bellflower Blvd., County Improvement No. 1019, involving 32 pressed steel standards, with cables, conduits, lamps, wire, and other appliances, in accordance with plans and specifications prepared by Alfred Jones, County Surveyor. Other bids were: Marbelite Corp. of America, Ltd. \$9415
A. C. Rice 8590
Joseph Korb 8594
H. O. Bauerle 8876
Newberry Elec. Corp. 8883

25—MACHINERY AND EQUIPMENT

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until Jan. 31, 10:00 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, for ambulance.

Plans and specifications may be obtained from the above office. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 35770, Req. No. 13859, for one 8-ft. pneumatic tired, leaning-wheel grader without scarifier; f.o.b. Fruitvale, Oakland.

Bids were:
Knox Hale Co., \$1,160.00; 21 days (delivery); 2% 25 days.
Weaver Tractor and Equipment Co., \$1,070.41; 14 days; \$25 disc. 30 days.

Harron, Rickard and McCone, \$1,147.00; one day; \$18.40 disc. 30 days.

J. D. Adams Co., \$1,118.00; two days; net. * 25

BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. No. 35381, Req. No. 30765, for one 7-S standard concrete mixer mounted on 4 pneumatic tired wheels with roller bearings; f.o.b. Stockton State Hospital.

Bids were:
Industrial Equipment Co., \$949.15; 17 days (delivery); net.
Spears-Wells Mchy. Co., \$1,202; 15 days; \$50 disc. 30 days.
Harron, Rickard & McCone, \$1,081.00; 10 days; \$63 disc. 30 days.
Associated Equipment Co., \$971.20; alt. \$1,016.57; 15 days; 2%-10 days.
A. L. Young Mchy. Co., \$1,183.45; 10 days, net.

Knox Hale Mchy. Co., \$1,251.00; 20 days; 2% 25 days.

Jenison Mchy. Co., \$1,159.00; 15 days; 5% 10 days.

E. F. Bacon Co., \$1,192.50; one day; 5% 30 days; alt. \$1,132.50; one day; 5% 30 days.

Norris K. Davis, \$975.00; 14 days; 2% 10 days; alt. \$1,005.00; 14 days; 2% 10 days. * 25

BIDS WANTED

PHOENIX, Maricopa Co., Ariz.—Until January 24, 10 A. M., bids will be received by the Arizona State Highway Department, Phoenix, for furnishing one electric bridge crane of 15-ton minimum capacity and minimum lift of 23 ft. with assembly and beam complete for 50-ft. span center of rails. The department proposes to trade in this purchase one 20-ton steam hoist mounted on standard gauge railway flat car. Specifications may be obtained from the equipment engineer of the highway department. Howard S. Reed, state highway engineer. * 25

BIDS WANTED

TONOPAH, Nye Co., Nevada.—Until Feb. 7, 10:00 A. M., bids will be received by the Board of County Commissioners, Nye County, for furnishing two dump trucks with cabs, each to have a capacity of 6000 lbs. net, dual tires, with 3-cu. yd. reinforced heavy duty dump body, with hydraulic hoist; trucks to be 1938 model heavy duty with four-wheel hydraulic brakes. Thos. R. McCulloch, Chairman; Frank E. Bell, Clerk of the Board. * 25

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for porcelain suspension insulators, Spec. 2695, were awarded by Los Angeles Water & Power Commission as follows:

General Elec. Supply Co., items 1 and 3 at \$71,291.91.
Ohio Brass Co., items 2 and 4, \$50,752.80. *

BIDS OPENED

PORTLAND, Ore.—Nelly Co., Los Angeles, at \$3,158.00, submitted low bid to the Bonneville Project, Portland, Oregon, under Invt. 98, for guy strand for Vancouver-Eugene line of Bonneville transmission system; f.o.b. destination.

Total bids were:

Nelly Co., Los Angeles.....\$3,158.00
Graybar Electric Co.,
Portland 3,841.08
Indiana Steel & Wire Co.,
Muncie, Indiana 3,875.55
Electric Steel Foundry Co.,
Portland 4,595.00
Line Material Co., Portland, 4,636.00
Columbia Steel Co., Portland, 4,636.53
Westinghouse Electric Supply
Co., Portland 4,636.53
Beebe Co., Portland 4,636.53
John A. Roebing's Sons
Co., Portland 4,638.44
Jobbers Supply Co., Portland, 4,638.44
A. Leschen Co., Kenosha,
Wisc. 4,697.42
Bethlehem Steel Co. 4,701.89
Wire Rope Mfg. and Equip-
ment Co., Seattle 4,712.24
General Electric Supply Co.,
Portland 4,939.76
McWhyte Co., Portland 4,952.67
Pacific Wire Rope Co.,
Portland 5,101.23

BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing three 4-ft. diam. steel discharge pipe lines, each approximately 630 ft. long, and performing the field welding required for their erection for the Flathead River pumping plant, Flathead Irrigation Project, near Polson, Mont., Adv. FO-9, were opened by U. S. Indian Irrigation Service, Los Angeles. Items were:

(1) Lump sum—steel discharge pipe lines, including ring girders, rocker supports, elbows and bends, special fittings, discharge flap valves, vents, manholes, expansion joints, stairway, interior coating and painting and all necessary appurtenances and accessories required for a complete job and including the field welding and application of protective coating at the field joints;

(2) Addition to or deductions from the place work included under item 1;

(3) Additions to or deductions from any of the steel work included under item 1.

Bids were:

Western Pipe & Steel Co., San Francisco, (1) \$28,965, f.o.b. San Francisco, (2) \$.04, (3) \$.11; net. Start within 1 day and complete within 80 days for fabrication ready to ship; 40 days for erecting and assembling.

Puget Sound Machinery Depot, Seattle, (1) \$30,245, f.o.b. Seattle; (2) \$.06, (3) \$.08; net. Start within 10 days and complete within 80 days.

Southwest Welding & Mfg. Co., Alhambra, (1) \$29,361, f.o.b. Alhambra; \$38,261 f.o.b. Polson; (2) \$.055 and \$.07, (3) \$.15 and \$.18; net. Start within 10 days and complete within 120 days.

Thompson Mfg. Co., Denver, (1) \$30,717.92 f.o.b. Polson, Mont.; (2)

\$.0584, (3) \$.1487. Start within 30 days and complete within 80 days (84-in. long sections, 1-longitudinal seam—change from spec.). Consolidated Steel Corp., (1) \$31,080, f.o.b. Los Angeles; \$36,660 f.o.b. Polson, Mont.; (2) \$.043 and \$.055, (3) \$.0825 and \$.095; net. Start within 1 day and complete within 80 days.

Hydraulic Supply Mfg. Co., Seattle, Wash., (1) \$39,997.50, f.o.b. Seattle; (2) \$.08, (3) \$.10. Complete within 80 days (6x6 15½ lb. beams not to be used; change from spec.).

Berkeley Steel Constr. Co., (1) \$33,921, f.o.b. Berkeley; (2) \$.08, (3) \$.12; net. Start within 10 days and complete within 120 days.

Chicago Bridge & Iron Co., (1) \$35,800, f.o.b. Boyles, Ala., (2) \$.088, (3) \$.09; net. Start within 2 days and complete within 80 days. *

BIDS WANTED

WASHINGTON, D. C.—Bids will be received by the Division of Purchases, Sales and Traffic, Department of Agriculture, Washington, D. C., for miscellaneous supplies, as follows:

PRO. NO. 4493: One diesel powered shovel, 14-c.y. for Tucson, Ariz.; January 20.

PRO. NO. 4487: One wind transmitter, for Whittier, Calif.; Jan. 24. *

BIDS OPENED

SEATTLE, Washington.—Commercial Iron Works, Portland, at \$155,000, 225 days for completion, submitted low bid to Naval Architect Carl J. Nordstrom, National Building, for all-steel bulk oil carrier for Petroleum Navigation Co.

Total bids follow:

Commercial Iron Works, Portland, \$155,000, 225 days.

Bethlehem Steel Co., San Francisco, \$225,000, 210 days.

Todd Seattle Dry Docks, \$157,000, 180 days.

Lake Union Dry Dock and Machine Works, \$161,671, 210 days.

Lake Washington Shipyards, \$163,625, 270 days.

Winslow Marine Railway and Shipping Co., \$167,500, 220 days.

Los Angeles Shipyards, \$189,500, 155 days.

Washington Iron Works, Seattle, at \$25,389, submitted low bid for engine. *

COMPLETE BIDS

SAN LUIS OBISPO CO., Calif.—Complete bids submitted to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for (1) two 1100-gal. (or more) capacity oil distributors, and with each distributor one 1000-gal. (or more) and one 2000-gal. (or more) tank trailer and (2) one ½-c.y. clamshell truck shovel, to be used in San Luis Obispo and Santa Barbara counties in the vicinity of Santa Maria are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. *

CONTRACT AWARDED

SALT RIVER PROJECT, Ariz.—Commercial Iron Works, Portland, at \$1,120 fob Portland, awarded contract by the U. S. Bureau of Reclamation, under Spec. No. 1154-D, for furnishing and delivering misc. parts for alterations to the existing power-drive equipment for operating the hoists for the sluice gates in the diversion dam and misc. parts for alterations to the existing power-drive equipment for operating the hoists for the three intake gates in the in-

take structure of the Roosevelt power canal, Salt River project, Ariz.; fob shipping point and/or Mesa, Arizona. All materials and equipment will be installed by the Government. *

BIDS OPENED

PORTLAND, Oregon.—Aluminum Co. of America, (using aluminum conductor) at \$123,534, f.o.b. shipping points, \$138,755 delivered, submitted low bid to the Bonneville Project, 1300 NE Union, Portland, under Invt. No. 109, for 1,202,000 lf. conductor, 250,000 cm., 240 connectors, 500 deadends, 2 complete sets of special portable equipment for installing connectors and deadends, for Vancouver-Eugene, 115-kv transmission line (section from Salem to Eugene).

Other bids (using copper conductor) were:

Phelps-Wodge Copper Corp.....\$140,543
Anaconda Wire and Cable
Company 166,302
General Cable Corp. 166,922 *

CONTRACTS AWARDED

SACRAMENTO, Calif.—Pacific Foundry Co., Ltd., 3100 19th Street, San Francisco, at (1) \$3735 and (2) \$20, and Neptune Machine Works, 221 Tehama St., San Francisco, at (3) \$124, 2% 10 days, 1% 20 days, awarded contracts by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-39-159, for furnishing: (1) 3 dredge pump impellers; (2) one rough h.p. ring casting; and (3) one L.P. slide valve; fob Rio Vista.

Total bids follow:

Stockton Iron Works, Stockton, (1) \$5400; (2) \$29.

Golden State Miners Iron Works, San Francisco, (1) \$3945; (3) \$135; ½ of 1% 30 days.

General Engr. & Drydock Co., San Francisco, (1) \$5243; (2) \$235.

Moore Dry Dock Co., Oakland, (1) \$11510; (2) \$25; (3) \$204.

Neptune Machine Works, San Francisco, (3) \$124; 2% 10 days, 1% 20 days.

Pacific Foundry Co., Ltd., (1) \$3,735; (2) \$20; (3) \$160.

Bethlehem Steel Co., San Francisco, (1) \$4800. *

CONTRACTS AWARDED

KENDRICK PROJ., Wyo.—Contracts for control metering and switching equipment, transformers and lightning arrestors for Greeley and Cheyenne project substations, Kendrick project, Spec. 1146-D, were awarded by Bureau of Reclamation, Washington, D. C., as follows: Westinghouse Elec. & Mfg. Co., Denver, Sched. 2, \$8947.70; Sched. 4, \$1528; Sched. 5, \$498.96; Sched. 6, \$15,550. Memco Engr. & Mfg. Co., Long Island City, N. Y., Sched. 7, at \$10,150. *

BIDS WANTED

PORTLAND, Ore.—Until Jan. 31, 10:30 A. M., bids will be received by the Bonneville Project, 811 NE Oregon, for three 25,000-kva, 60-cycle oil insulated self-cooled outdoor type transformers 230-kv to 115 and 13.8-kv.

Plans and specifications may be obtained from the above office. *

BIDS WANTED

YAKIMA PROJECT.—Until Feb. 8, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 822, for furnishing and delivering two motor-driven gate hoists for operating the two 110-foot roller gates at the Roza diversion dam,

Roa division, Yakima Project, Wash. The gate hoists will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.50, not returnable. 25

BIDS WANTED

GILA PROJECT, Arizona.—Until January 31, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1177-D, for furnishing and delivering top-seal radial gates and radial-gate operating and control equipment for the Gravity Main Canal, Gila Project, Arizona; f.o.b. shipping point and/or Blaisdell, Arizona. The material will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$2.50 not returnable. 25

BIDS WANTED

CENTRAL VALLEY PROJECT.—Until January 30, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1176-D, for furnishing and delivering one full-revolving, convertible-type, truck crane with power-shovel attachment, mounted on a four-wheel drive, heavy-duty truck for use in handling materials at Shasta Dam, Kennett division, Central Valley Project.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$0.25, not returnable. 25

BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1123, for the rental of truck.

Bids taken on:
(1) rental loaded by hand;
(2) rental loaded by power.
Complete bids were:
Bruno & Skibo, (1) \$1,390; (2) \$1,790.

Portola Truck Service, (1) \$1,570; (2) \$1,970.

A. J. McCosker, (1) \$1,600; (2) \$2,000.
S. Gracotto, (1) \$2,960; (2) \$2,960.
Wm. Cowen, (1) \$2,800; (2) \$3,200.

BIDS OPENED

LOS ANGELES COUNTY, Calif.—Bids for the rental of a 105-cu ft. air compressor, for use on jobs in Los Angeles and Orange counties, opened by the State Highway Dept., Los Angeles, were:

M. A. Pryor, Chicago Pneumatic 1937, \$4.50 hour.
Foster Sand & Gravel Co., Gardner-Denver 160 cu. ft., \$4.50 hour.
Pneumatic Mchy. Co., Inc., Gardner-Denver 1937, \$3.84 hour. 25

LOW BIDDER

PORTLAND, Ore.—Graybar Electric Co., 809 N.W. Flanders, Portland, at \$4654, f.o.b. shipping point; and \$5306, f.o.b. delivery points, submitted low bid to the Bonneville Project, 811 N.E. Oregon, for conductor and ground wire hardware. 25

BIDS OPENED

OAKLAND, Cal.—Challenger Fire Equipment Co., at \$4117.73 submitted low bid to the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1121, for one special motor truck chassis.

Total bids follow:

Challenger Fire Equipment Co., \$4,117.73.
Yellow Truck & Coach Mfg. Co., (alt.) 273.52.
Challenger Fire Equipment Co., (alt. bid) \$4,450.06.
Yellow Truck & Coach Mfg. Co., (alt. bid) \$4,569.08.
Sterling Motors Corp., \$4,854.39.
White Motors Corp., \$4,870.71.
Kenworth Motor Truck Corp., \$5,084.00. 25

BIDS WANTED

PORTLAND, Ore.—Until January 25, 11 A. M., bids will be received by the U. S. Engineer Office, Pittock Bldg., Portland, for one 10-kw motor, generator, 220- and 440-volts AC to 115- and 230- volts DC, complete and ready for installation in U. S. Dredge "Pacific", 8010 NW St. Helens Road.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

PORTLAND, Oregon.—Until Jan. 31, 10:30 A. M., bids will be received by the Bonneville Project, 811 N. E. Oregon, Portland, under Invt. 131, for 3 single-phase, 25,000 KVA, 60-cycle, oil insulated, self-cooled outdoor type transformer, f.o.b. Ampere, Wash., (North Vancouver) or f.o.b. shipping point.

Plans and specifications may be obtained from the above office. 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for electric generator unit for Seal Beach steam plant, Spec. 2856, were opened by Los Angeles Water & Power Purchasing Agent, as follows:

Elliott Co. (1) automatic, quick starting, non-condensing, steam turbine, electric generator unit, \$53,800; (alt.) with closed system of generator ventilation with air coolers, \$56,800; (2) collector ring brushes and brush holders, \$128; (3) same for exciter, \$24; (4) erecting engineer, per day, \$27.

General Electric Co. (1) \$54,408; (alt.) \$57,418; (2) \$30; (3) \$35; (4) \$28.

Worthington Pump & Mchy. Corp.: (1) \$55,180; (lt.) \$57,545; (2) \$40; (3) \$30; (4) \$25.

Murray Iron Works: (1) \$57,643; (alt.) \$59,843; (2) \$42; (3) \$32; (4) \$50.00.

Westinghouse Elec. & Mfg. Co. (1) \$58,750; (alt.) \$61,760; (2) \$25; (3) \$50; (4) \$28.

Allis-Chalmers Mfg. Co. (1) \$64,000; (alt.) \$67,000; (2) \$25; (3) \$35; (4) \$28. 25

BIDS OPENED

SAN LUIS OBISPO, Cal.—Bids for rental of oil distributors, tank trailers and clamshell truck shovel, opened by State Highway Dept., San Luis Obispo, were (per hour):

Rock & Gravel Trucking Co., Oakland (P&H clamshell), location B, \$7.
R. B. Snow, Santa Maria (GMC and Mack distributors), locations A and B, \$4.50; (Newcomer and home-made tank trailers), locations A and B, \$3.5.

Portola Truck Service, San Francisco (Speeder Crane clamshell), locations A and B, \$7.45 (bid disqualified).

Bradley Truck Co., Santa Maria (Sterling and Fageol distributors), locations A and B, \$4.50; (Newcomer trailers), locations A and B, \$4.5.

John Fesler, Santa Maria (Byers clamshell), locations A and B, \$7.

L. A. Brisco, Arroyo Grande (International 1938 distributor), location A, \$4.50; (Weber trailer), location 9, \$4.0; bid not signed, bid disqualified. 25

26— RAILROADS

PLANNED

SEATTLE, Wash.—Union Pacific railroad plans to purchase more than 100,000 tons of steel rails and fittings at an estimated cost of nearly \$5,000,000, it was announced by W. M. Jeffers, president of the railroad.

The order will include the buying of more than 74,000 gross tons of rails or 360 track miles of rails, and approximately 30,000 net tons of fittings. The rail will all be of 131-pound weight, which is standard on all Union Pacific main lines.

27—WPA PURCHASES, RENTALS

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6826: Loop L. C.: \$477.75; 2½-30; lumber.

BID NO. 6814: Calif. Pottery Co.: \$427.79; 2½-30; clay pipe.

BID NO. 6832: Dunham, Carrigan & Hayden: \$605.16; 2½-30; hardware.

BID NO. 6834: Western Hardware and Tool Co.: \$335.80; 2½-30; safety equipment.

BID NO. 6780: Forrest Geig: \$380; 2½-30; gravel.

BID NO. 6874: Melrose Bldg. Mat.: \$1,315; \$986.25; 2½-30; concrete mix.

BID NO. 6845: Grinnell Co.: \$527.89; 2½-30; pipe and fittings. 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6843: CalRock Asphalt: \$101; 2% 20; asph. primer.

BID NO. 6852: Antioch Bldg. Mat.: \$1.55; \$387.50; 15c ton 30; aggregates.

BID NO. 6836: Portola Truck Service: \$1.75; \$1.75; 2% 30; and Golden West Quarry: \$1.83; 2% 30; aggregates and sand.

BID NO. 6835: Gilmore Steel and Supply: \$2.39; \$487.56; ½ of 1% 30; steel bars.

BID NO. 6831: Bovle Mfg. Co.: \$648; 1% 10; steel drums.

BID NO. 6830: South City Lumber & Supply: \$1440; net; gravel.

BID NO. 6819: Smith L. C.: \$381.92; 2% 30; lumber.

BID NO. 6841: Jenison Mchy. Co.: \$75; net; rental-roller.

BIDS OPENED

SAN FRANCISCO.—The following bids opened by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6824 (Douglas fir; point of origin or cars at mill):
E. K. Wood L. C.: \$96.11; \$495; \$185.91; \$177.02; 2% 30; \$132.14; \$742.50; \$274.74; \$1149.38.
Smith L. C.: \$117.12; \$518; \$208.34; \$843.46; 2% 10th prox.; \$117.16; \$726; \$267.44; \$110.60.
Oakland L. C.: \$87.85; \$422.50; \$165.33; \$675.68; 2% 20.
J. F. Sharp L. C.: \$105.10; \$461.50; \$249.50; \$816.18; 1% 20.
Loop L. C.: Alt. only, \$127.67; \$739.20; \$275.76; \$1142.63; 2% 30.
Daugherty L. C.: \$86.85; \$490; \$185.98; \$772.83; 2% 20; 1% 30.

- Piedmont Mill & Lumber: \$113.36; \$485; \$198.61; \$796.97; \$15; 20; \$129.90; \$702.50; \$277.39; \$1109.79.
- Chapman L. C.: \$109.23; \$515; \$183.46; \$807.69; 1% 30; 1 1/2% 20.
- Bay City L. C.: \$107; \$544.50; \$213.95; \$865.95; 2% 30.
- BID NO. 6826 (Douglas fir, pine; Oakland):
- Loop L. C.: \$477.75; 2% 30.
- Loop Lumber & Mill: \$497.90; do.
- Tilden L. C.: \$411.37; do.
- Bay City L. C.: \$561; 2% 30.
- E. K. Wood: \$533; do.
- Smith L. C.: \$497; do.
- Piedmont Lumber & Mill: \$513; 2% 20 days.
- Hogan L. C.: \$517; 2% 30.
- BID NO. 6825 (Douglas fir; cars at mill or Oakland):
- James L. Hall: \$1913.87; \$665.02; \$2578.89; net.
- J. H. Baxter: \$2588.76; \$813.85; \$3,402.61; net.
- Bay City L. C.: \$2014.60; \$633.35; \$2647.95; net. \$1084.96; \$308.27 plus \$2000 for creos. \$3393.23.
- Piedmont Lumber & Mill: \$1968.44; \$639.75; \$2608.19; 2% 20. \$2499.95; \$791.75; \$3291.71.
- E. K. Wood: \$2003.65; \$611.82; \$2,615.47; 2% 30. \$2659.28; \$836.02; \$3495.30.
- Hogan L. C.: \$2034.75; \$608.02; \$2,642.77; 2% 30. \$2316.79; \$696.69; \$3013.48.
- Oakland L. C.: \$1916.06; \$620.22; \$2536.28; net.
- Loop L. C.: \$2060.48; \$651.08; \$2,711.56; 2% 30.
- Smith L. C.: \$2009.59; \$637.15; \$2,646.74; 2% 10th prox.
- Daugherty L. C.: \$805.84; \$177.34; \$983.18; 1% 30; 2% 20.
- BID NO. 6813 (rental; tractor; Yuba City):
- Daniel Bayles: \$6.25; net.
- Young & Son: \$7.50; 2% 30.
- Granite Const. Co.: \$6; net.
- G. E. Murray: \$6.90; net.
- H. Earl Parker: \$6.25; net.
- C. A. Baker: \$7; net.
- J. R. Reeves: \$6.50; net.
- Guerin Bros.: \$8.75; net.
- BID NO. 6830 (1000 tons of gravel; Mills Field):
- South City Lumber and Supply: \$1.44; \$1440; net.
- Consumers Rock & Cement: \$1.95; \$1950; 10c 30.
- Bode Gravel Co.: \$2.25; \$2250; 2% 30 days.
- H. E. Casey Co.: \$1.70; \$1700; 2% 30 days.
- BID NO. 6831 (200 steel drums; Santa Rosa):
- Boyle Mfg. Co.: \$3.24; \$648; 1% 10.
- Rheem Mfg. Co.: \$3.37; \$674; net.
- BID NO. 6832 (misc. hardware; Fresno):
- Hartwell Bros.: partial bid; no total; 2% 30.
- Dunham, Carrigan and Hayden: \$605.16; 2% 30.
- Crane Co.: \$27; partial bid; 2% 30.
- Marshall-Newell Supply: \$690.59; 2% 30.
- Ducommun Metals: \$95.00; partial bid; 2% 30.
- Barrett Hicks Co.: \$735.66; 2% 30.
- Austin Bros.: \$639.95; 2% 30.
- Thompson-Diggs: \$639.85; 2% 30.
- A. J. Glesener: \$712.29; 2% 30.
- Baker, Hamilton & Pacific: \$661.59; 2% 30.
- BID NO. 6828 (600 sacks of Portland cement; Badger):
- Sequoia L. C.: \$0.6275; net.
- Monolith Portland Cement: \$0.6275; \$376.50; net.
- Henry Cowell: Citizens L. C.: do.
- Vallev L. C.: \$0.705; \$423; net.
- M. Kellner & Sons L. C.: \$0.6525; \$391.50; net.
- West Fresno L. C.: \$0.6525; \$393; 1% 30; 2% 20.
- Dmuba L. C.: \$0.6225; \$373.50; net.
- BID NO. 6829 (plumbing materials; Fort Baker):
- A. I. Mitchell Supply: \$1285.87; 2% 20 days.
- Federal Pipe & Supply: \$1310.62; 2% 30.
- Dunham, Carrigan & Hayden; Pacific Pibg. & Hrg. Supply; United Pipe & Supply; Calif. Steam and Pibg. Service; P. E. O'Hair; Gladding Bros.: Northern California Hardware & Steel; Gen. Mch'y. & Supply; Gilmore Steel & Supply; Standard Supply; Grinnell Co.; Richmond Sanitary; Dalziel Co., Tay-Holbrook; Crane Co.; Walworth-Calif.; Dallman Sup.; Oakland Sheet Metal Supply; Petroleum Equip. Co.; Olsen and Heffernan; and Baker, Hamilton & Pacific: same.
- Calif. Pottery Co.: \$271.79; 2% 30; partial bid.
- Gladding-McBean: same.
- N. Clark & Son: same.
- BID NO. 6822 (Douglas fir, redwood; San Francisco):
- Van Arsdale-Harris: \$888.88; 2% 30.
- E. D. Swift: \$810; 2% 30.
- Daugherty L. C.: \$754; 2% 20.
- Loop L. C.: \$847; 2% 30.
- Smith L. C.: \$910; 2% 10th prox.
- Christensen L. C.: \$813; 2% 30.
- Rolando L. C.: \$923; 2% 30.
- BID NO. 6852 (250 tons of concrete aggregates; Antioch):
- F. Stam & Son: \$1.43; \$357.50; net.
- Antioch Bldg. Mat.: \$1.55; \$387.50; 15c 30.
- Roberts Island Dredging & Imp.: \$1525; \$381.25; net.
- Diamond Bldg. Mat. Co.: \$1.65; \$412.50; 10c 30.
- F. Granzotto: \$1.85; \$462.50; 2% 30.
- Blake Bros.: \$2.50; \$625; 2% 30.
- BID NO. 6812 (rental; tractor; Yuba City):
- Lee J. Immel: \$4.96; net.
- Guerin Bros.: \$8.75; net.
- Roberts Island Dredging & Imp.: \$5.50; net.
- Bruno Skibo: \$6.95; net.
- H. Earl Parker: \$6; net.
- C. A. Baker: \$6.50; 2% 20.
- Hemstreet & Bell: \$7; net.
- G. E. Murray: \$6.90; net.
- Daniel Bayles: \$6.25; net.
- 27
- BIDS OPENED**
- SAN FRANCISCO—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
- BID NO. 6835 (204 deformed reinf. steel bars; San Francisco)
- Gilmore Fabricators: \$2.39; \$487.56; 1/2 of 1% 30.
- Dunham, Carrigan and Hayden: \$2.55; 1/2 of 1% 30.
- W. C. Hauck: \$550.80; net.
- Baker, Hamilton and Pacific: \$2.40; \$489.60; 1/2 of 1% 30.
- Gunn, Carle: \$3.0113; \$614.30; net.
- Truscon Steel: \$2.4175; \$493.71; net.
- Bethlehem Steel: \$2.43; 1/2 of 1% 20.
- W. S. Wetenhall: \$2.62; \$534.48; net.
- Ceco Steel Prod.: \$2.50; \$500; net.
- Columbia Steel Co.: \$2.43; \$497.72; net.
- Geo. R. Bormann: \$2.66; \$542.64; 1/2 of 1% 30.
- A. M. Castle: \$2.43; \$495.72; 1/2 of 1% 30.
- Soule Steel Co.: \$2.57; \$524.28; net.
- No. Calif. Hardware and Steel: \$2.70; \$550.80; net.
- BID NO. 6836 (aggregates and sand; San Francisco)
- Consumers Rock and Cement: \$1294.50; \$1.82; \$1.82; \$1.90; 2% 30.
- John Cassarreto: \$2.00; \$2.00; \$1.85; \$1.81; 2% 30.
- Bode Gravel Co.: \$2.00; \$2.00; \$2.00; \$1.400; 10c 30.
- Golden West Quarry: \$1.90; \$1.90; \$1.83; \$1311.80; 2% 30.
- Golden Gate Atlas: \$1.85; \$1.85; \$1295; 2% 30.
- Ready-mix Concrete: \$1.87; \$1.87; \$1.87; \$1309; 2% 30.
- Portola Truck Service: \$1.75; \$1.75; no bid; \$770; 2% 30.
- BID NO. 6841 (rental—roller; San Francisco)
- Jennison Mch'y. Co.: \$75; net.
- R. L. Benelli: \$200; net.
- BID NO. 6838 (asphalt cutters, chisels etc.; San Francisco)
- Western Mch'y. Co.: \$1179.06; \$6.82; \$6.72; \$3.19; \$14.29; net.
- Gardner-Denver: \$1303.20; net; \$7.50; \$7.50; \$3.00; \$1.90.
- Mch'y. and Steel: \$1116; net; \$6.50; \$6.50; \$2.75; \$15.75.
- Chicago Pneumatic Tool: \$1267.20; \$7.50; \$7.50; \$3.25; \$16.20; net.
- Baker, Hamilton and Pacific: \$223.20; (4); 2% 30.
- Edw. R. Bacon: \$1392.40; net; \$8.50; \$8.40; \$3.00; \$2.2.
- U. S. Rubber Co.: \$166.00 (4); 2% 10th prox.
- Merrill Co.: \$1173.60; \$6.90; \$6.90; \$3.20; \$2.7; 2% 20.
- Pac. Coast Rubber Co.: \$215.64 (4); 2% 10th prox.
- Leitch & Co.: \$1148.64; \$6.82; \$6.82; \$9.90; \$30; 2% 30.
- Sullivan Mch'y. Co.: \$1192.48; \$7.50; \$7.50; \$2.07; \$2.53; net.
- C. W. Marwedel: \$0.1706; \$136.48 (4); 2% 10th prox.
- Harron Rickard and McCone: \$1135.04; \$6.88; \$6.88; \$3.20; \$200; 2% 30.
- Pacific HBA Steel: \$907.20; \$6.80; \$6.80; \$2.90; 2% 30; part bid.
- BID NO. 6814 (699 lin. ft. clay pipe; Oakland)
- N. Clark and Sons: \$427.78; 2% 30.
- Gladding McBean; Gladding Bros.; and Calif. Pottery: same.
- BID NO. 6818 (concrete irrigation pipe; Bakersfield)
- Jourdan Conc. Pipe Co.: \$891.25; 5% 30.
- United Conc. Pipe Co.: \$861.75; 5% 20.
- San Joaquin Valley Pipe and Prod.: \$949.50; 10% 30.
- Stroud-Seabrook: \$787.50; 5% 30.
- BID NO. 6817 (300 lf. CMP; Grass Valley)
- Calif. Corr. Culvert: \$318; 1/2 of 1% 20.
- Western Pipe and Steel: \$324; 1/2 of 1% 20.
- BID NO. 6816 (douglas fir; Antioch)
- Smith L. C.: \$354; 2% 10th prox.
- Rolando L. C.: \$376; 2% 30.
- Antioch L. C.: \$380; 2% 20.
- Loop L. C.: \$383.80; 2% 30.
- Valley L. C.: \$392; 2% 20.
- Ferry L. C.: \$398; 2% 30.
- Bay Point L. C.: \$416; 2% 30.
- BID NO. 6819 (redwood, douglas fir; Oakland)
- Piedmont Mill and Lumber: \$405.96; 2% 20.
- Tilden L. C.: \$532; 2% 30.
- Bay City L. C.: \$408.67; 2% 30.
- F. K. Wood: \$419.08; 2% 30.
- Smith L. C.: \$381.92; 2% 30.
- Loop Lumber and Mill: \$427.32; 2% 30.
- Hogan L. C.: \$399.49; 2% 30.
- Loop L. C.: \$384.99; 2% 30.
- BID NO. 6820 (douglas fir, Tehachapi)
- Hayward Lumber & Investment: \$532.55; net.
- Loop L. C.: \$597; 2% 30.
- King L. C.: \$605.74; net.
- Bakersfield Sandstone Brick Co.: \$660.28; 5% 30.
- Curran L. C.: \$700.28; 5% 30.
- BID NO. 6821 (upright floor drill; Stockton)
- C. Bulotti Mch'y. Co.: \$328; alt. \$295; net.
- Harron, Rickard and McCone: \$328; \$307; 1% 30.

Baker, Hamilton and Pacific: \$366.25; \$342.85; 2% -30.
 Marshall Newell: \$407.50; \$361.50; net.
 Miller and Stern: \$435; \$478; 2% -30.
 Dunham, Carrigan and Hayden: \$334.78; \$296.83; 1% -30.
 Hinchinbotham Bros.: \$360; \$305; 2% -20.

BIDS CANCELLED
 SAN FRANCISCO.—U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., (Room 518), San Francisco, cancelled the call for bids under Bid No. 6890, for plastic cement. Bids were called for January 18. 27

BIDS WANTED
 SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., (Room 518) San Francisco, for the rental of equipment and the furnishing of supplies and materials, as follows:
 JANUARY 24, 10:00 A.M.
 BID NO. 6901: paint, enamel, dryer, paste, umber, seinna, remover, putty, etc.; f.o.b. Lower Post, Presidio of San Francisco.
 JANUARY 25, 1:00 A. M.
 BID NO. 6903: concrete buckets, chain, expansion joint; f.o.b. San Jose.
 BID NO. 6904: rental of one flat bed truck, capacity to be not less than 1½ tons, f.o.b. 550 5th St., San Francisco. 27

BIDS OPENED
 SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6857: (steel pipe elbows, heaters, etc.; Oakland) (C.H. Furnace Co.: \$421; 2% -20.
 Rund Heater Co.: \$425.50; 2% -20.
 BID NO. 6858: (plumbing supplies; San Francisco)
 Oakland Sheet Metal Supply: \$951.62; 2% -30.
 Dallman Supply; Olsen and Hefferman; Grinnell Co.; Pacific Plumbing and Heating Supply; Dunham, Carrigan and Hayden; Calif. Steam and Plumbing Supply; Tay-Holbrook; Standard Supply; Gilmore Steel & Supply; Walworth-California; Crane Co.; P. E. O'Hair; Richmond Sanitary; Western Plumbing Supply; Gen. Mch. and Supply; Daziel Co.; United Ploe and Supply; A. I. Mitchell; same.
 BID NO. 6859: (concrete sewer pipe; Chowchilla)
 Jourdan Concrete Pipe Co.: \$683.55 (1, 2, 3, 4) net; part bid.
 BID NO. 6850: (terra cotta statues; San Francisco)
 Gladding, McBean: \$1273; net.
 BID NO. 6853: (plumbing supplies; San Francisco)
 United Pipe and Supply: \$800.95; 2% -30.
 Baker, Hamilton and Pacific; Gilmore Steel & Supply; Daziel Co.; Grinnell Co.; Western Pipe and Steel; Walworth-California; Cal. Steam and Plumbing; Tay-Holbrook; P. E. O'Hair; Gen. Mch. and Supply; Standard Supply; Pac. Plumb. and Heat. Supply; No. Calif. Hardware and Steel; Dunham, Carrigan and Hayden; Richmond Sanitary; Olsen and Hefferman; Dallman Supply; Crane Co.; Oakland Sheet Metal Supply; A. I. Mitchell; same.
 Petroleum Equipment: part. bid; no total.

BID NO. 6767: (one each, power,

pressure, and shower unit trailers; Visalia)
 Trailer Co. of America: (1) \$9890.06; (2) \$5011.66; (3) \$4665.32; 1% -20; ½ of 1% -30.
 Karl Koefoed Body Co.: (1) \$14502; (2) \$8,314; (3) \$7497; total, \$30,513; 2% -20.
 Utility Trailer Sales Co.: (1) \$12,000; (2) \$6,000; (3) \$3,934; total, 21,934; net.
 BID NO. 6848: (sand and rock; San Francisco)
 Golden Gate Atlas: \$1.83; \$1.99; \$1.75; \$429.89; 2% -30.
 Consumers Rock & Cement: \$1.85; \$2.00; \$1.80; \$33.35; 2% -30.
 Readymix Concrete: \$1.87; \$2.02; \$1.83; \$438.45; 2% -30.
 John Cassaretto: \$1.90; \$2.00; \$1.90; \$42.10; 2% -30.
 Bode Gravel Co.: (1) \$1.90; \$2.10; \$1.80; \$447.30; 2% -30.

CONTRACTS AWARDED
 SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6756: Auldin E. Brown: \$137.45; net; rental—dump truck.
 BID NO. 6791: Lee J. Immel: \$275; net; rental—tandem roller.
 BID NO. 6807: Arake Iron Works: \$6200; net; steel gates and doors.
 BID NO. 6802: San Leandro Rock Co.: \$12,950; net; macadam.
 BID NO. 6798: Ariss-Knapp Co., \$1,188; net; rock.
 BID NO. 6782: S. Lenz & Son: \$690.45; 2% -30; concrete pipe.
 BID NO. 6708: All bids rejected for 65,000 bbls. of Portland cement.
 BID NO. 6804: Mission Fryry. and Stove: \$799.99; net; castings.
 BID NO. 6803: San Leandro Rock Co.: \$977.50; net; macadam.
 BID NO. 6801: Hayward Bldg. Supply: \$1440; net; macadam.
 BID NO. 6800: Charles S. Hughes: \$52.35; 2% -30; aggregates.
 BID NO. 6747: A. I. Mitchell: \$638.14; 2% -30; plumbing supplies.
 BID NO. 6772: W. A. Croll: \$90; Joe Cunha, \$98; Bruno Skibo, \$99; net; rental of three 2-yard dump trucks.

BIDS OPENED
 SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6866: (elec. supplies; Richmond)
 Graybar Elec.: \$482.16; 2% -10th prox.
 Western Elec. Supply: \$613.56; var. disc.
 Elec. Corp.: \$500.15; var. disc.
 Maydwell and Hartzell: \$92.26; part bid.
 Line Materials: \$91.86; part bid; 2% -10th prox.
 Gen. Elec. Supply: \$514.14; various disc.
 Calif. Elec. Supply: \$669.30; var. disc.
 Coast Elec. Supply: \$560.66; var. disc.
 BID NO. 6867: (elec. supplies; Hayward)
 Westinghouse Elec. Supply: \$790.28; \$14.80; \$805.16.
 Maydwell and Hartzell: \$171.38; part bid on A.
 Elec. Corp.: \$913.99 (A) part bid.
 Graybar Elec.: \$896.47; \$14.48; \$910.93.
 U. S. Rubber Co.: part bid; no total. A only at 2% -10th prox.
 Calif. Elec. Supply: \$792.28 (A); Coast Elec. Supply: \$797.42; \$13.68; \$811.10.

Incandescent Supply: \$881.90; \$12; 893.90.
 S. F. Lighting Fixture: \$37.50; part bid; \$11.60; \$49.10.
 Grey Elec. Supply: \$901.98.
 BID NO. 6864: (225 tons concrete mix; Piedmont)
 Melrose Bldg. Mat.: \$1.75; \$393.75; 2% -30.
 F. Granzotto: \$1.97; \$443.25; 3% -30.
 Henry Cowell: \$2.025; \$455.61; 2% -30.
 Powell Bros.; Golden Gate Stucco; Central Bldg. Mat.; Rhodes and Jamieson; Transit Concrete; Albert C. Moe; Contra Costa Bldg. Mat.; Chas. S. Hughes; Rhodes and Kennedy; and Alta Bldg. Mat.; same.
 BID NO. 6865: (115 tons asphaltic concrete; Santa Clara)
 Union Paving Co.: \$3.72; \$427.80; net.
 A. J. Raisch: \$3.85; \$442.75; net.
 BID NO. 6862: (320 c.y. concrete; Mare Island)
 Basalt Rock Co.: \$7.10; net; \$2272
 Horan Fuel and Feed Co.: \$7.50; \$2400; net.
 BID NO. 6863: (31 reflectors; Richmond)
 Auden Elec. Supply: \$12; \$372; 2% -10th prox.
 S. F. Lighting Fixture Co.: \$12.67; \$392.77; 2% -10th prox.
 Westinghouse Elec. Supply: \$10.56; \$327.36; 2% -30.
 Coast Elec. Supply: \$17.40; \$539.40; 2% -20.
 Calif. Elec. Supply: \$15; \$465; 2% -20.
 Graybar Elec.: \$15.30; \$474.30; alt: \$10.55; 2% -10th prox.
 Line Materials: \$18.97; \$588.07; net.
 C. H. Carter Co.: \$15.45; \$478.95; 2% -10th prox.
 Elec. Corp.: \$15.30; \$474.30; 2% -10th prox.
 Dunham, Carrigan and Hayden: \$17.40; \$539.40; 2% -30.
 Grey Elec. Supply: \$13.19; \$408.89; 2% -10.
 Incandescent Supply: \$17.40; \$539.40; Alt.: \$12; Alt.: \$15. 27

BIDS OPENED
 SAN FRANCISCO.—The following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6823 (Fir, Redwood and pine; Stockton):
 Ruse-Blair L. C.: \$346.76; \$29; \$375.76; 2% -30.
 Diamond Match Co.: \$349.48; \$35.96; \$385.44; 2% -20.
 Loop L. C.: \$389.97; (A) only; 2% -30 days.
 Stockton L. C.: \$380.14; \$26.28; \$406.42; net.
 Star L. C.: \$374.32; \$40.27; \$414.59; net.
 San Joaquin L. C.: \$351.32; \$34.80; \$386.12; 2% -20.
 Smith L. C.: \$404.80; \$40.40; \$445.20 2% -10th prox.
 BID NO. 6827 (rental—centrifugal pump; Mills Field):
 Rojek Mch. Co.: \$25; 3% -20.
 Harron, Rickard & McCone: \$37.50; net.
 D. C. McCabe: \$30; net.
 Pacific Pumping Co.: \$40; net.
 A. Soda & Son: \$49.50; net.
 Edw. R. Bacon Co.: \$29; net.
 Rock & Gravel Trucking Co.: \$30; net.
 BID NO. 6839: (drilling, casing, perforating, testing and capping a well at Thornton):
 Peter Garcia, Concord: (1) a \$1.60 b \$2.50; c \$2.70; d \$2.45; total, \$925; (2) a \$2.30; b \$1.98; (3) \$200 net.
 R. L. Norris: (1) a \$1.50 b \$1.50

c \$1.50 d \$1.50; (2) \$2.50; \$2; (3) \$7; \$210; net.

Tony Garcia, Redwood City (1) a \$2.08 b \$2.08 c \$1.95 d \$1.50; (2) a \$2.28 b \$1.94 (3); \$7; grand total, \$2639.

BID NO. 6843 (asphalt primer, dust; Fresno):

Calrock Asphalt Co.: \$0.26; \$1.80; \$101; 2% 20.

Alta Bldg. Mat. Co., Oakland: do.

Standard Oil Co.: \$0.34; \$85 (1) only; net.

BID NO. 6844 (concrete pipe; Oakland):

Calif. Concrete Prod. Co., \$926.50; 5% 20.

Raggio Concrete Pipe Co.: \$935.85; 5% 20.

San Jose Conc. Pipe: \$1026.50; 5% 20 days.

BID NO. 6845 (C. I. pipe, valves, etc. Stockton):

United Pipe & Supply: \$527.86; 2% 30 days.

General Mch'y. & Supply; California Stel & Pibg. Serv.; Grinnel Co.; Gilmore Steel & Supply; Standard Supply; Olsen & Heffernan; Pacific Pibg. & Htg. Supply; Western Pipe & Supply; Northern Calif. Hardware & Steel; P. E. O'Hair; Richmond Sanitary; Petroleum Equipment; Dallman Supply; Crane Co.; and Oakland Sheet Metal Supply; do.

BID NO. 6846 (Elec. supplies; Fort McDowell):

Meyer Safety Switch: partial bid; no total; 2% 10th prox.

Electric Corp.: (a) \$253.09; var. disc.; partial bid.

Calif. Elec. Supply: \$253.09 (a); partial bid; var. disc.

Trumbull Elec. Mfg.: \$148.24 (a); partial bid; 2% 10th prox.

Incandescent Supply: \$245.78 (a); \$96.45 (b); \$342.23; var. disc.

General Elec. Supply: \$258.04 (a); var. disc.; partial bid.

Westinghouse Elec. Supply: \$348.-9; var. disc.

Graybar Elec.: \$256.25 (a); 2% 30; var. disc.; partial bid.

S. J. Lighting Co.: \$256.30; \$92.07; \$348.37; 2% 10th prox.

Samuel Ran: \$225.67; \$101.73; \$327.-40; 2% 30.

Coast Elec. Supply: \$249.23; \$96.45; \$345.68; var. disc.

Maydwell & Hartzell: \$61.53 (a); partial bid; 2% 30.

Parker Elec. Mfg.: \$133.88; 2% 30; partial bid A.

Grey Elec. Supply: \$233.28 (a); \$96.-45 (b); \$329.73; var. disc.

BID NO. 6847 (elec. supplies; Fort Scott):

General Elec. Supply: \$165.40; \$185.-90; \$351.30; partial bid; var. disc.

Line Material Co.: \$16.07; \$176.77 (b); net.

Westinghouse Elec. Sup.: \$365.57; \$207.68; \$573.65; var. disc.

Coast Elec. Supply: \$342.74 (a); var. disc.

Grey Elec. Supply: partial bid on A; var. disc.

Calif. Elec. Supply: partial bid on A; var. disc.

Elec. Corp.: \$193.40; partial bid on A; var. disc.

Incandescent Supply: \$357.66; \$207.-68; \$565.34; var. disc.

General Elec. Supply: \$165.40; \$189.-90; var. disc.

BID NO. 6874 (750 tons of concrete mix; Oakland):

Melrose Bldg. Mat.: \$1.315; \$986.-25; 2% 30.

Transit Concrete: \$1.575; 2% 30.

Contra Costa Bldg. Mat.; Golden Gate Stucco; Rhodes & Kennedy; Central Bldg. Mat.; Powell Bros. Henry Cowell; Chas. S. Hughes; Alta Bldg. Mat.; do.

BID NO. 6842 (steel, ridge caps, nails etc.; Benicia):

Beattie Steel & Supply: \$4971.22; net.

E. E. Newhall; Northern California Hardware & Steel; Bethlehem Steel; Dunham, Carrigan & Hayden; Ducommun Metals; Sloss & Brittain; A. M. Castle; Walworth-Calif.; Foucar-Ray & Simon; Taylor & Spotswood; Richmond Sanitary; Columbia Steel; Soule Steel Co.; Geo. R. Borrmann; Marshall-Newell; do.

P. E. O'Hair: \$4965.25; var. disc.

Tay-Holbrook; Oakland Sht. Metal Supply; Gilmore Steel & Supply; same.

Baker, Hamilton & Pacific: \$4.-942.88; var. disc.

Federal Pipe & Supply: \$4,870.59; 27

CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts were awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6822: Daugherty L. C.: \$754 1% 30; 2% 20; lumber.

BID NO. 6821: Baker, Hamilton and Pacific: \$323.75; 2% 30; floor drill.

BID NO. 6820: Hayward Lumber Investment: \$531.65; net; lumber.

BID NO. 6818: Stroud - Seabrook: \$787.50; 5% 30; pipe.

BID NO. 6817: Calif. Corru. Culvert: \$318; ½ of 1% 20; CMP culvert.

BID NO. 6816: Smith L. C.: \$354; 2% 10th prox.; lumber.

BID NO. 6808: Walworth-California: \$865; 2% 30; sewage ejector.

BID NO. 6799: R. Giaccone: \$1635; net; 1500 tons rock.

BID NO. 6766: Leitch & Co.: \$126; 2% 30; rental-air compressor.

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., (Room 518), San Francisco, for the rental of equipment and furnishing of supplies and materials, as follows:

JANUARY 23, 10 A. M.:

BID NO. 6891: Two horse teams with drivers and Fresno scrapers, and all necessary equipment for use in leveling, checking and ditching operations; job Winters.

BID NO. 6892: Rental of one flat bed truck to be not less than 1½ tons capacity; job Mills Field, San Mateo Co.

JANUARY 24, 10 A. M.:

BID NO. 6896: 1600 l.f. piles; job Yerba Buena Island.

BID NO. 6897: 350 tons asphaltic concrete; job San Jose.

BID NO. 6898: Douglas fir, redwood; job Visalia. * 27

BIDS OPENED

SAN FRANCISCO.—Grinnell Co. of the Pacific, 601 Brannan St., San Francisco, at \$1,044.06, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2148, for cast iron pipe and fittings (WPA).

Total bids follow:

Grinnell Co. of the Pacific.....	\$1,044.06
U. S. Pipe & Foundry Co.....	1,069.76
American Cast Iron Pipe Company	1,095.71
Pacific States Cast Iron Pipe Co.	1,096.54

28— FIRE EQUIPMENT

AWARDS APPROVED

REDDING, Shasta Co., Calif. — PWA has approved the following contracts submitted to the Redding City Council, Winfred Wright, City

Clerk, City Hall, Redding, for furnishing and delivering fire alarm boxes, switchboards and misc. fire alarm apparatus, f.o.b. Fire Station No. 1, Redding.

Signal Electrical Supply Co., San Francisco, \$1,445 (air horn, registers and rectifiers).

Square D Co., San Francisco, \$1,528 (switchboards).

Universal Tool and Manufacturing Co., San Francisco, \$5,860.70 (fire alarm boxes and repeater).

Stromberg Electrical Co., San Francisco, \$517 (master clock, desk, etc.).

Branton's Automotive Service Inc., San Francisco, \$201.60 (storage battery). * 28

29— STREETS AND HIGHWAYS

BIDS WANTED

PHOENIX, Maricopa Co., Ariz.—As previously reported, until Jan. 23, 7:30 P. M., bids will be received by Phoenix city commission for improvement of portions of Roosevelt and 15th Sts. Est. cost, \$17,551.

- Work involves:
- (1) 6185 sq. yds. grading under 3-in. oil process pave.
 - (2) 6185 sq. yds. 6-inch aggregate base course under oil process pave.
 - (3) 6185 sq. yds. 3-in. plant mix oil process pave.
 - (4) 180 sq. yds. 5-in. Portland cement conc. pave. for driveways;
 - (5) 180 sq. yds. grading under 6-in. Portland cement concrete;
 - (6) 950 sq. yds. parkway grading;
 - (7) 12,650 sq. yds. 4-in. 1-course Portland cement conc. walk;
 - (8) 2550 l.f. comb. curb and gutter;
 - (9) 93 l.f. ¼-in. galv. gutter;
 - (10) 900 l.f. ¾-in. wrapped pipe for services to main;
 - (11) 300 l.f. lowering 4-in. water main
 - (12) 30 l.f. ¾-in. galv. pipe;
 - (13) 300 l.f. 4-in. CI pipe;
 - (14) 24 each services main fittings;
 - (15) 5 each ¾-in. corp. stops in galv. and small mains;
 - (16) 20 ea. moving meters and boxes
 - (17) 2 each monument covers;
 - (18) 1 each street sign;
 - (19) 22 each special details "N";
 - (20) 6 each special details "S";
 - (21) 1 each adjusting valve boxes;
 - (22) 1 each adjusting manhole cover.
- Job P-365-A.

Plans and specifications may be obtained from James Girand, Supt. of Streets, Phoenix, upon deposit of \$5.00. * 29

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until January 31, 11 A. M., bids will be received by the Vallejo City Council, H. W. Mitchell, City Clerk, Vallejo, for the improvement of one block of Louisiana Street.

Plans and specifications may be obtained from the above office. * 29

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$49,693, awarded contract by the State Division of Highways, Frank W. Clark, State Director of Public Works, Sacramento, for about 0.4 mile of grading and paving with asphalt concrete, Portland cement concrete, and plant-mix surfacing between N. Main Street and Mission Road (VII-LA-4-LA), Los Angeles County. * 29

CONTRACT AWARDED

SISKIYOU COUNTY, Calif.—Hemstreet and Bell, P. O. Box 550, Marysville, at \$31,494.00, awarded contract

by the State Division of Highways, Frank W. Clark, State Director of Public Works, Sacramento, for about 1.4 miles grading between one-half mile east of Hamburg and Scott River, (II-Sis-46-C), Siskiyou Co.

BIDS WANTED

STATE OF OREGON.—Until Jan. 26, 9:00 A.M., bids will be received by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction, as follows:

Clackamas County: North Unit of Oregon City Section of Pacific Highway East. Federal Air Project No. 168-J (1). 0.44 mile grading and paving. Requires approx. 36,500 cu. yds. embankment; 2,000 cu. yds. rock slope protection; 255 cu. yds. concrete in curbs and walls; 2,100 cu. yds. crushed base material; 14,000 sq. yds. Portland cement concrete pavement; and 4 tons asphaltic road oil.

Clackamas County: Abernethy Creek Bridge on Pacific Highway East, in Oregon City. Federal Aid Project No. 168-J (1). Requires approximately 330 cu. yds. excavation; 76,000 lbs. steel piling; driving only, 40 steel piling; 430 cu. yds. concrete; 73,400 lbs. metal reinforcement; and 150 lin. ft. concrete handrail.

Clatsop County: Bridge over Nehalem River on Wolf Creek Highway. Federal Aid Project No. FAP 181-G (2). Requires approximately 7,300 cu. yds. common excavation; 1,500 cu. yds. structural excavation; 2,800 cu. yds. concrete; 420,000 lbs. metal reinforcement; and 1,300 lin. ft. concrete handrail.

Clatsop County: Necanicum-Nehalem River Section of Wolf Creek Highway. Federal Aid Projects Nos. 181-A (4), 181-B (4), 181-C (3), 181-D (2), and 181-G (2). 12.3 miles surfacing and bituminous binder course, and 11.1 miles bituminous macadam wearing surface; also furnish 5,100 cu. yds. crushed rock in stock piles. Requires approximately 1,000 cubic yds. slide excavation; 75,700 cu. yds. crushed rock; and 1,400 tons asphaltic road oil.

Hood River County: Polallie Creek-Hood River Section of Mt. Hood Highway. Furnish 6,000 cu. yds. crushed rock in stock piles.

Lincoln County: Albany Overcrossing Section of Pacific Highway East. Federal Aid Grade Crossing Project No. FAGM 56-D (1). (On F.A. System). Grading approaches to overcrossing structure and paving work on intersecting streets. Requires approximately 282,000 cu. yds. excavation; 28 cu. yds. cement rubble masonry; 164 cu. yds. concrete curbs and gutters; 3,200 cu. yds. gravel subbase materials; 800 cu. yds. crushed base materials; and 1,750 tons asphaltic concrete.

Lincoln County: Albany Overcrossing on Pacific Highway East, at Albany. Federal Aid Grade Crossing Project No. FAGM 56-D (1). (On F.A. System). Requires approximately 1,100 cu. yds. excavation; 2,010 cu. yds. concrete; 302,000 lbs. metal reinforcement; 1,200,000 lbs. structural steel; 1,500 lin. ft. metal handrail; and electric wiring and fixtures.

Maiheuer County: Tudor Ranch-Ble Mountain Pass Section of I.O.N. Secondary Highway. Federal Lands Highway Project No. FLH 3 F (1). 22.06 miles grading. Requires approximately 230,000 cu. yds. excavation; 80 cu. yds. concrete; 11,500 lbs. metal reinforcement; and 28,000 cu. yds. gravel roadbed topping.

Plans and specifications may be obtained from the State Highway Commission, Room 319, State Office Bldg., Salem, Oregon, upon the deposit of \$5.00. 29

BIDS WANTED

SAN FRANCISCO.—Until March 1, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,198, for the widening and reconstructing Market Street between 10th St. and Van Ness Ave. Estimated cost \$12,265.00.

- Work involves:
- (1) 700 lf. stone curb reset;
 - (2) 125 sq. ft. stone curb redressed;
 - (3) 10 lf. armored concrete curb;
 - (4) 200 lf. new granite curb in place (tangent 6-in. top width);
 - (5) 50 lf. new granite curb in place (circular 6-in. top width);
 - (6) 4 each, catchbasins moved and reconstructed;
 - (7) 2 each, brick catchbasins, complete;
 - (8) 96 lf. 10-in. V.C.P. culvert in place;
 - (9) 5 each, street and traffic signs reset;
 - (10) 2 each, low pressure fire hydrants moved;
 - (11) 2 each, high pressure fire hydrants moved;
 - (12) 2750 lbs. new cast iron pipe;
 - (13) 300 lbs. new cast iron specials;
 - (14) 300 lbs. new cast steel specials;
 - (15) 360 lbs. lead.
 - (16) 48 c.y. high pressure hydrant excavation;
 - (17) 525 lbs. wrought iron bolts, nuts and washers;
 - (18) 2 each, electric traffic signals relocated (vehicular);
 - (19) 5 each, electric traffic signals relocated (pedestrian);
 - (20) 2 each, traffic signal control box relocated;
 - (21) 1 each, traffic beacon relocated;
 - (22) 360 c.y. asphaltic pavement removed;
 - (23) 250 sq. ft. concrete parking lane pavement removed;
 - (24) 6200 sq. ft. 8-in. class "E" concrete pavement, parking lane;
 - (25) 3000 sq. ft. 6-in. class "E" concrete base;
 - (26) 520 tons asphaltic concrete base course;
 - (27) 300 tons asphaltic concrete wearing surface;
 - (28) 3500 sq. ft. two-course concrete sidewalk.

Plans and specifications may be obtained from John J. Casey, Room 351, City Hall, upon deposit of \$10.00. 29

BIDS WANTED

VENTURA COUNTY, Calif.—Until February 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the reconstruction of a treated timber bridge across Cuyama river near Ozena (VIII-Ven-138-E), Ventura County.

- Work involves:
- (1) removing debris;
 - (2) 20 c.y. struc. excav.;
 - (3) 32,000 lbs. bar reinf. steel;
 - (4) 345 c.y. Class A Portland cement concrete;
 - (5) 83 MFBM treated Douglas fir timber;
 - (6) 16 MFBM dense select all heart struc. redwood timber;
 - (7) 120 c.y. sacked concrete riprap;
 - (8) 1 lot misc. items of work.
- Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. 29

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal.—Mountain Construction Co., 1846 37th, Sacramento, at \$58,059.15 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading, treating por-

tions with liquid asphalt (roal-mix) and applying seal coat on about 10 miles of Feder Road between Santa Ynez river and San Antonio Creek, Santa Barbara County. 29

BIDS WANTED

PHOENIX, Maricopa Co., Ariz.—Until January 23, 7:30 P. M., bids will be received by the Phoenix City Council, City Clerk, City Hall, Phoenix, for the improvement of portions of Roosevelt and 15th Sts., Phoenix.

Plans and specifications may be obtained from James Girand, Supt. of Streets, Phoenix, upon deposit of \$5.00. 29

LOW BIDDERS

GILA & PIMA COUNTIES, Ariz.—W. E. Orr, Box 1150, Prescott, at \$119,512, submitted low bid to Arizona State Highway Department, Phoenix, for highway construction on the Superior-Miami Highway, FA 16 (2) (1939), AFE 7018. The work, which is to extend from the Gila-Pinal county line SE for a distance of approx. 2½ miles, consists of grading, draining, aggregate base course and oil processing (SC-4 road oil, road mix), and is to be completed on or before Sept. 15, 1939.

Skousen Bros., Albuquerque, N. M., at \$129,601 submitted second low bid. Complete bids will be published shortly. 29

BIDS OPENED

GILA & PINAL COUNTIES, Ariz.—W. E. Orr, 302 W. Monte Vista Rd., Phoenix, Ariz., at \$119,511.74 submitted low bid to Arizona State Highway Department, Phoenix, for highway construction on the Superior-Miami Highway, FA 16 (2) (1939), AFE 7018. The work, which is to extend from the Gila-Pinal county line SE for a distance of approx. 2½ miles, consists of grading, draining, aggregate base course and oil processing (SC-4 road oil, road mix), and is to be completed on or before Sept. 15, 1939.

Total bids follow:

W. E. Orr, Phoenix.....	\$119,511.74
Skousen Bros., Albuquerque, N. M.....	129,601.21
Geo. W. Orr, El Paso.....	135,103.77
Fisher Contr. Co., Phoenix.....	139,451.55
Pearson & Dickerson, Contractors, Inc., Prescott, Ariz.....	139,487.60
Lee Moor Contracting Co., El Paso.....	140,785.27
Oswald Bros., Los Angeles.....	143,382.83
Phoenix-Temple Stone Co., Phoenix.....	149,003.85
Tiffany Const. Co., Phoenix.....	156,019.97
Packard Contr. Co., Phoenix.....	159,389.27
H. J. Hagen, Globe, Ariz.....	161,447.98

Unit prices are on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco. 29

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of Moraga Street between 40th and 41st Avenues, where not. Estimated cost, \$1,200.

- Work involves:
- (1) 108 lf. armored concrete curb;
 - (2) 2,688 sq. ft. of asphalt-concrete pavement consisting of a 6-in. Class F concrete base and a 2-in. asphalt. conc. wearing surface;
 - (3) 50 lf. 6-inch vitrified clay pipe side sewers.

Plans and specifications may be obtained from City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00. 32

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of Macondray St. easterly from Leavenworth St. and Leavenworth northerly from Macondray St. Estimated cost, \$750.00.

Work involves:

- (1) 2 brick manholes, complete;
- (2) 146.5 lf. 8-in. VCP sewer;
- (3) 18 lf. 6-in. VCP side sewers;
- (4) two 8x6-in. VCP Y branches.

Plans and specifications may be obtained from City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00. 32

COMPLETE BIDS

SAN LEANDRO, Alameda Co., Cal.—John F. Tulloch, 335 Eighth Street, Oakland, at \$182,200 (Sched. II) submitted low bid to the San Leandro City Council for construction of Municipal Sewage Disposal Proj., Unit 2.

Schedule I involves cast-in-place piling; Schedule II involves pre-cast piling.

Alternates were:

- (1) Deduct for the omission of general clearing of the site, rolled fill, finish grading, roadways and landscaping, entirely;
- (2) Deduct for the substitution of sludge digestion tank structures and equipment of 60-ft. diameter in lieu of 70-ft. diameter, complete;
- (3) Deduct for the omission of the chlorinator machine only of 100 lb/24 hour capacity, and the omission of the utility tractor and trailer;
- (4) Deduct for the omission of the west half of the sludge drying beds only.

Total bids follow:

- | | |
|---|-----------------|
| (A) John F. Tulloch, (I) \$185,200; | (II) \$182,200. |
| (B) Fred J. Early, Jr., San Francisco, (I) \$182,674; (II) \$184,674 | |
| (C) George Petersen, San Leandro, (I) \$185,400; (II) \$184,000. | |
| (D) Heafey-Moore Co. & Fredrickson & Watson Const. Co., Oakland, (I) \$185,000; (II) \$191,000. | |
| (E) MacDonald & Kahn Co., Ltd., San Francisco, (I) \$193,000; (II) \$205,000. | |

Alternates follow:

- | | (A) | (B) | (C) | (D) | (E) |
|----------|--------|--------|--------|-------|--------|
| (1)..... | 12,000 | 10,000 | 12,100 | 7,000 | 14,000 |
| (2)..... | 13,000 | 13,000 | 14,400 | 6,900 | 12,000 |
| (3)..... | 4,800 | 4,400 | 6,500 | 4,000 | 4,500 |
| (4)..... | 3,900 | 3,000 | 4,900 | 2,100 | 3,600 |

BIDS OPENED

FRESNO, Calif.—J. Jurkovich, 3530 Balch, Fresno, at \$7,017.19, submitted low bid to Fresno city commission for constructing sewers in the New High School Addition, Boulevard Gardens, Lot 9 of Montpelier Tract, Paul's Gardens, Subdivision of Lot 7, Pony Colony, Normal View, and Van Ness Heights, Res. of Inter. No. 136-D (1911 Act), in accordance with plans and specifications prepared by Jean Vincenz, Commissioner of Public Works.

Stewart & Nuss, Fresno, at \$8,363.90, submitted the only other bid. 32

CONTRACT AWARDED

FORT MASON, Calif.—J. A. Fazio and M. J. McQuire and M. Hester, 1453 Hopkins Street, Oakland, at \$69,636, awarded contract by the Quartermaster Construction Division, Army Department, Washington, D. C., under Bid No. W. 6616-39-45, for the construction of an intercepting sanitary sewer system at Presidio of San Francisco. 32

BIDS OPENED

SAN LEANDRO, Alameda Co., Cal.—John F. Tulloch, 335 Eighth Street, Oakland, at \$182,200 (Sched. 2) submitted low bid to the San Leandro City Council for construction of Municipal Sewage Disposal Proj., Unit 2. Schedule 1 involves cast-in-place piling; Schedule 2 involves pre-cast piling.

Total bids were:

- John F. Tulloch, (1) \$185,200; (2) \$182,200.

Fred J. Early, Jr., San Francisco, (1) \$182,674; (2) \$184,674.

George Petersen, San Leandro, (1) \$185,400; (2) \$184,000.

Heafey-Moore Co. & Fredrickson & Watson Const. Co., Oakland, (1) \$185,000; (2) \$191,000.

MacDonald & Kahn Co., Ltd., San Francisco, (1) \$198,000; (2) \$208,000. 32

33— WATER WORKS**BIDS WANTED**

SAN FRANCISCO.—Until Feb. 1, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 198, for laying of 6- and 8-in. cast iron mains in 28th and 31st Avenues.

Work involves:

- (1) 1,470 lf. excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep;
- (2) 10 c.y. additional excavation and backfill;
- (3) No item 3;
- (4) Installing pipe:
 - (a) 1,400 lf. 6-in. bolted joint cast iron pipe;
 - (b) 70 lf. 8-in. bell and spigot cast iron pipe;
- (5) Installing 1,500 lbs. of fittings, gate valves;
- (6) Making 15 lf. bell and spigot joints for pipe and fittings;
- (6a) Making 235 bolted joints for 6-in. cast iron pipe;
- (7) 2,400 sq. ft. of street pavement;
- (8) Installation of 19 3/4-in. screw taps;
- (9) Installation of 460 lf. of 3/4-in. galv. iron service pipe;
- (10) Furnishing cast iron pipe, Class 150:
 - (a) (1,400 lf. 6-in. bolted joint pipe at \$7.4 per lf.;
 - (b) 70 lf. 8-in. bell and spigot cast iron pipe at \$1.08 per lf.;
- (11) Furnishing bell end gate valves:
 - (a) 1 four-in. valve at \$12 each;
 - (b) 2 six-in. valves at \$17 each;
- (12) Furnishing 760 pounds bell and spigot cast iron fittings at \$0.66 per lb.;
- (13) Furnishing 300 lbs. steel band and bolts at \$0.05 per lb.;
- (14) Furnishing 460 lf. of 3/4-inch galv. iron service pipe at \$0.66 per lf.;
- (15) Furnishing 3/4-inch fittings for services, lump sum, \$31;
- (16) Engineering, supervision and inspection; lump sum \$287.00;
- (17) Connections; lump sum \$100.

Plans and specifications may be obtained from 425 Mason St., San Francisco Water Dept. Bldg., upon deposit of \$5. 33

BIDS OPENED

FALLBROOK, San Diego Co., Cal.—Bids for furnishing materials, equipment, and labor for well drilling, pumping plant, reservoir, and water mains, a PWA project, were opened by the Fallbrook Public Utility District, bids were referred to John H. Chase, Riverside, Consulting Engineer, for analysis and report. Bids were taken as follows:

- (1) excavation, digging and completion of a 16-in. water well;
- (2) acquisition, construction, and

completion of a pumping plant;

- (3) construction and completion of a concrete reservoir;
 - (4) installation and laying of approximately 50,000 ft. of 12-inch water main and 2000 ft. 8-inch lateral.
- Estimated cost, \$138,919.

The bids were:

- (1) Well Drilling, 16-in. diameter, approximately 200 ft. deep: Brockman Drilling Co., 913 W. 6th St., Pomona, only bidder, at \$12 ft. for the first hundred ft. and \$8.60 ft. for the second hundred feet.

(2) Pumping Plant: Pacific Enterprise Co.—(2) \$18,755 plus \$513; (2a) \$6112.

Fairbanks, Morse & Co.—(2) \$25,348; (2a) \$5437.

Worthington Pump & Mch. Co.—(2) \$25,993.

Byron-Jackson Co.—(2a) \$6140.

Hudson-Tucker, Inc.—(2a) \$6999.50.

Mayer & Boyce—(2a) \$5564.05.

Peerless Pump Co.—(2a) \$5861.18.

(3) Concrete Reservoir, involving about 360 cu. yds. concrete: R. McKenna, Solana Beach, low bidder, at \$4866.30.

Leko & Bosnyak, \$9300.

H. H. Peterson, San Diego, \$9875.

H. L. Foster, San Diego, \$9890.

Walter Barber, San Diego, \$10,803.

Contracting Engineers Co., Los Angeles, \$10,900.

S. A. Cummings, San Diego, \$10,950.

Carl Hallin, Los Angeles, \$10,990.

V. R. Dennis Constr. Co., San Diego, \$10,943.

Charles G. Rieke, Oceanside, \$11,163.

C. F. Von Gunden & Son, San Diego, \$11,183.

Frank Doran, San Diego, \$11,500.

R. H. Liggett, Lynwood, \$11,956.

Macco-Robertson, Ltd., Clearwater, \$12,880.

S. M. Kemper, Los Angeles, \$13,800.

M. F. Milovich, Montebello, \$15,980.

J. S. Metzger & Son, Los Angeles, \$17,500.

(4) Laying of Water Mains and Laterals:

American Pipe & Steel Co., 230 Date Ave., Alhambra, low bidder on welded steel at \$59,522.50; no bid on tubing.

Williams & Van Valkenburgh, Los Angeles, low on tubing at \$69,180.

Harry L. Foster, San Diego, welded \$59,610; no bid on tubing.

Southern Pipe & Casing Co., welded \$64,525; no bid on tubing.

Frank Doran, San Diego, welded \$64,690; tubing \$74,160.

Western Pipe & Steel Co., welded \$65,540; no bid on tubing.

Consolidated Steel Corp., welded \$70,575; no bid on tubing.

Leko & Bosnyak, Los Angeles, welded \$72,020; tubing \$74,764.

S. M. Milovich, Montebello, welded \$75,986.

H. H. Peterson, San Diego, welded \$78,995; tubing \$83,740.

Chutuk Co., Los Angeles, \$97,900; same on tubing. 33

BIDS WANTED

BELLINGHAM, Whatcom County, Washington.—Until Jan. 30, 9:30 A. M., bids will be received by George Brock, City Water Supt., Bellingham, Washington, for the construction of waterworks intake tunnel between Lake Whatcom and the Whatcom Falls Park. Project involves construction of concrete-lined tunnel of horseshoe section 6 ft. 6 inches wide and 6 ft. 6 inches high inside lining, together with gate structure and intermediate shaft structure involving 7900 ft. of tunnel and 6500 cu. yds. concrete lining. Estimated cost, \$450,000.

Plans and specifications may be obtained from the City Comptroller,

Bellingham, and from Consulting Engineers, Baar and Cunningham Bldg., Portland, upon the deposit of \$10.00. 33

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 199 for laying of 6-inch cast iron main in LaSalle Ave., 3rd Street to Mendell Street.

- Work involves:
- (1) 460 lf. excavation and backfill for 6-in. pipe, trench 17-in. wide by 36-in. deep;
 - (2) 10 c.y. additional excavation and backfill;
 - (3) No item 3;
 - (4) Installing 460 lf. 6-inch bolted joint cast iron pipe;
 - (5) Installing 400 lbs. of fittings, gate valves, etc.;
 - (6) Making 10 lf. bell and spigot joints for pipe and fittings;
 - (6a) Making 77 bolted joints for 6-in. cast iron pipe;
 - (7) 200 sq. ft. of street pavement;
 - (8) Installation of 26 3/4-inch screw taps;
 - (9) Installation of 730 lf. 3/4-inch copper service pipe;
 - (10) Furnishing 460 lf. 6-in. bolted joint cast iron pipe, Class 150, at \$0.74 per lf.;
 - (11) Furnishing bell end gate valves, one 6-in. valve at \$17 each;
 - (12) Furnishing 220 pounds bell and spigot cast iron fittings at \$0.06 per lb.;
 - (13) No item 13;
 - (14) Furnishing 730 lf. 3/4-in. copper service pipe at \$0.14 per lf.;
 - (15) Furnishing 3/4-inch fittings for services, lump sum, \$35.10;
 - (16) Engineering & supervision, lump sum, \$219.00;
 - (17) Connections, lump sum, \$147.00.
- Plans and specifications may be obtained from the Cashier's Office, 425 Mason St., San Francisco, upon deposit of \$5.00. 33

PROPOSED

ARBUCKLE, Colusa Co., Calif. — Arhuckle voters approved the formation of a water and sewer public utility district. An election will be held shortly to name a board of directors and to decide whether bonds of between \$50,000 and \$55,000 shall be issued toward the construction of a proposed \$100,000 system. 33

BIDS WANTED

BELLINGHAM, Whatcom County, Wash.—As previously reported, until Jan. 30, 9:30 A. M., bids will be received by George Brock, City Water Supt., Bellingham, Wash., for the construction of waterworks intake tunnel between Lake Whatcom and the Whatcom Falls Park. Project involves construction of concrete-lined tunnel of horseshoe section 6 ft. 6 inches wide and 6 ft. 6 inches high inside lining, together with gate structure and intermediate shaft structure involving 7960 ft. of tunnel and 6500 cu. yds. concrete lining.

Quantities include 6500 cu. yds. concrete lining, 75,000 lbs. of reinforcing steel, 888 M ft. B.M. of timbering, 400 feet 3/4-inch liner plates, 3000 feet of copper water stops and 360 feet of 24-inch sewer pipe.

Estimated cost, \$450,000.

Plans and specifications may be obtained from the City Comptroller, Bellingham, and from Consulting Engineers, Baar and Cunningham Bldg., Portland, upon the deposit of \$10. 33

LOS ANGELES CO.—GRADING AND PAVING—(State)

LOS ANGELES COUNTY, Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$49,693, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 0.4 mile of grading and paving with asphalt concrete, Portland cement concrete, and plant-mix surfacing between N. Main Street and Mission Road (VII-LA-4-LA), Los Angeles County.

- Work involves:
- (1) 22 sta. clear and grub;
 - (2) 300 M. gals. water;
 - (3) 600 c.y. remove concrete;
 - (4) 15,000 c.y. unclass. rdwy. excav.;
 - (5) 9,000 c.y. struc. excav.;
 - (6) 9,000 sq. yds. prepare subgrade;
 - (7) 22 sta. finish rdwy.;
 - (8) 1,060 tons min. agg. plant mix surf.;
 - (9) 56 tons liq. asph. ROMC-4 or 5-plant mix surf.;
 - (10) 5 tons liq. asphalt SC-2 prime coat;
 - (11) 5 tons asphaltic emulsion plant binder and seal coat, asph. conc. (12) 3,800 tons asph. conc.;
 - (13) 55 c.y. Class A Portland cement conc. pave.;
 - (14) 1,500 lbs. bar reinf. steel;
 - (15) 150 each pavement dowels;
 - (16) 6,500 lbs. misc. iron and steel;
 - (17) 70 c.y. Class A Portland cement conc. struc.;
 - (18) 600 lf. 12-in. standard reinf. conc. pipe;

- (19) 100 lf. 15-inch do.;
- (20) 50 lf. 18-inch do.;
- (21) 60 lf. 21-inch do.;
- (22) 70 lf. 27-in. special reinf. conc. pipe 1250-D.;
- (23) 240 lf. 42-in. do. 2000-D.;
- (24) 650 lf. 42-in. do. 3000-D.;
- (25) 560 lf. 6-in. vit. clay pipe stand. strength.;
- (26) 50 lf. 8-in. vit. clay pipe extra strength.;
- (27) 650 c.y. Class A Portland cement conc. curbs, gutters, sidewalks and driveways.;
- (28) 3000 lf. curb bar.;
- (29) 470 lf. curb armor.;
- (30) 4 each adjust manholes to grade.;
- (31) 50 lf. laminated guard railing.;
- (32) brick junction chamber sewer.;
- (33) 1 lot misc. items of work.

Total bids follow:

- (A) J. E. Haddock, Ltd., Pasadena, \$49,693.00.
- (B) Geo. R. Curtis Paving Co., Los Angeles, \$50,276.50.
- (C) Griffith Co., Los Angeles, \$53,361.70.
- (D) Radich & Brown, Burbank, \$53,368.00.
- (E) Osvald Bros., Los Angeles, \$58,945.00.
- (F) R. M. Price, Huntington Park, \$59,780.50.
- (G) P. J. Akmadzich, Los Angeles, \$64,524.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$10.00	\$ 9.00	\$15.00	\$ 9.00	\$15.00	\$20.00	\$20.00
(2)	90	60	60	75	125	80	50
(3)	1.75	2.40	1.60	90	2.50	2.40	2.50
(4)	45	30	50	42	55	50	60
(5)	.75	.87	1.08	1.25	.65	1.25	1.00
(6)	.09	.105	1.0	10	10	10	14
(7)	5.00	6.00	8.00	5.00	10.00	10.00	5.00
(8)	1.85	2.36	2.05	2.35	2.25	2.50	2.30
(9)	7.00	8.40	7.50	7.00	7.00	8.00	7.00
(10)	16.00	30.00	12.00	15.00	12.00	11.00	10.00
(11)	21.00	31.00	25.00	25.00	24.00	22.00	30.00
(12)	2.70	2.90	2.60	2.45	3.32	2.90	3.25
(13)	8.00	7.50	7.70	7.00	10.00	9.50	10.00
(14)	.055	.06	.065	10	.05	.06	.07
(15)	.12	.15	.13	.15	.12	.15	.20
(16)	.11	.12	.11	.12	.12	.12	.15
(17)	25.00	17.50	25.50	23.00	30.00	25.00	30.00
(18)	1.65	1.70	1.60	1.65	1.75	1.70	2.35
(19)	2.10	2.10	2.00	2.00	2.15	2.10	2.60
(20)	2.40	2.50	2.40	2.45	3.00	2.90	3.00
(21)	2.65	2.80	2.70	2.85	3.10	2.90	3.50
(22)	3.75	3.70	3.80	3.75	4.00	3.90	4.50
(23)	7.25	8.00	7.50	7.10	9.00	7.50	12.00
(24)	7.75	8.55	8.00	7.60	10.00	8.15	12.50
(25)	.65	.65	.52	1.40	.75	.70	1.50
(26)	70	70	70	2.00	1.00	90	2.00
(27)	11.00	10.60	10.25	11.00	11.00	12.00	12.00
(28)	.25	.24	.26	.22	.30	.22	.25
(29)	1.20	1.30	1.25	1.15	1.30	1.30	1.30
(30)	15.00	12.00	40.00	52.50	12.50	25.00	15.00
(31)	1.25	1.20	1.50	2.50	1.50	1.80	1.25
(32)	250.00	115.00	140.00	110.00	350.00	200.00	250.00
(33)	100.00	35.00	350.00	310.00	200.00	1400.00	1.00

SAN FRANCISCO COUNTY PERMITS UNDER \$1,000

- SIGN, electric, \$600; Post and Kearny Streets; owner, Oregon City Woolen Mills, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER dwelling, \$485; 195 Borica; owner, T. I. Moseley, premises.
- ALTER meeting hall, \$75; 596 Athens St.; owner, E. Ramos, 1235 Egbert Ave.
- ALTER dwelling, \$500; 143 Anderson; owner, Albert Brioner, 1573 Grove Street.
- ALTER store, \$500; 2516 Mission St.; owner, O. L. Johnson, 2490 Mission St.; contractor, J. Johnson & Son, 1614 Church St.
- ALTER apts., \$200; 666 Post Street;

- owner, Crown Community Apts., Inc., premises.
- FENCE, \$48; S O'Farrell 190 West Gough; owner, The Residence Club, 940 Powell St.; contractor, J. H. Thorp, 800 35th Ave.
- ALTER restaurant, \$98; 40 Leidesdorff; owner, Inv. Properties Co., 340 Pine St.
- SIGN, electric, \$600; Post and Kearny Streets; owner, Oregon City Woolen Mills, premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- ALTER flats, \$520; 1955 Stockton; owner, Jos. Laurenti, 2225 Union St.; contractor, Modernization Co. of Calif., 3601 Geary Blvd.
- SIGN, electric, \$100; 2 Sanchez St.; owner, Sanchez Grocery, prem.; contractor, Non Sign Service Co. 1707 Folsom St.

ALTER roof sign, \$50; Van Ness, Oak and Market Sts.; owner, Foster & Kleiser Co., 1675 Eddy.

ALTER store, \$75; 850 Stockton St.; owner, Yut Ming, premises; contractor, Sun Lee, 113 Waverly Pl.

ALTER dwelling, \$300; 136 Bertita St.; owner, Al O'Brien, 425 Amazon St.; contractor, John Trollmann, 49 Liebig.

SIGN, electric, \$200; 4348 3rd Street;

owner, So. San Francisco Pharmacy, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom Street.

ALTED dwelling, \$500; 2645-49 Lombard St.; owner, Thos. R. Sharman, 3700 Broderick St.

ALTED dwelling, \$500; 2639-41 Lombard St.; owner, Thos. R. Sharman 3700 Broderick St.

SIGN, electric, \$390; 1500 Polk St.;

owner, Cheerio Corner House, prem.; contractor, Brumfield El Sign Co., 695 Folsom St.

SIGN, electric, \$100; 3097 16th St.; owner, W. O. McFarlane, prem.; contractor, Wonderlite Neon Pro. Co., 170 Otis St.

SIGN, electric, \$200; 19 7th Street; owner, J. Poppos P. O. Cafe, 19 7th St.; contractor, J. K. Herzog Elec. Co., 370 Van Ness Ave. So.

TEHAMA CO.—GRADING & BRIDGE CONSTR.—(GOVT)

TEHAMA COUNTY, Calif.—Joseph Shaw, 1100 Broadway Terrace, Oakland, at \$110,000.31, submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 1,098 miles grading and constructing bridges on portions of Sec. A, B, C, and E, of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama Co.

- Work involves:
- (1) 13,500 c.y. unclass. excav.;
 - (2) 3,407 c.y. unclass. excav. for structures;
 - (3) 1,600 c.y. unclass. excav. for borrow;
 - (4) 8,900 sta. yds. overhaul;
 - (5) 4,100 c.y. miles borrow haul;
 - (6) 0.999 miles finishing earth graded road;

- (7) 1159 c.y. concrete, Class A;
- (8) 287 c.y. concrete, Class B;
- (9) 517 c.y. concrete, class D;
- (10) 225,510 lbs. reinf. steel;
- (11) 391,700 lbs. struc. steel;
- (12) 3.9 M. ft. M. B. untreated timber including bridge iron;
- (13) 14 lf. corrugated galv. sheet metal pipe;
- (14) 714 c.y. loose riprap;
- (15) lump sum removal and disposal of existing structures.

- Total bids follow:
- (A) Joseph Shaw, Oakland, \$110,000.31.
 - (B) Hemstreet & Bell, Marysville, \$119,095.60.
 - (C) Bennett & Taylor, Los Angeles, \$127,325.97.
 - (D) J. S. Metzger, Los Angeles, \$130,867.50.
 - (E) C. W. Caletti & Co., San Rafael, \$132,739.93.

- (F) Fred J. Maurer & Son, Eureka, \$134,745.40.
- (G) United Concrete Pipe Corp., Los Angeles, \$135,541.85.
- (H) Heafey Moore Co., & Fredrickson Watson Const. Co., Oakland, \$138,583.95.
- (I) Union Paving Co., San Francisco, \$139,445.40.
- (J) A. Soda & Son, Oakland, \$143,318.84.
- (K) Campbell Const. Co. Sacramento, \$144,029.05.
- (L) Albert H. Slemer & John Carcano, San Anselmo, \$146,800.00.
- (M) A. Teichert & Son, Inc., Sacramento, \$152,118.26.
- (N) C. J. Montague & Son, Portland, \$153,000.00.
- (O) R. W. Clifford San Francisco, \$157,552.90.

Unit prices follow:

	(K)	(L)	(M)	(N)	(O)
1.55	1.00	1.00	1.00	1.00	1.40
3.25	6.50	5.00	7.00	5.00	
.82	.80	1.00	.50	.75	
.035	.02	.02	.03	.03	
.23	.20	.20	.20	.30	
700.00	1000.00	1200.00	500.00	700.00	
28.00	28.00	33.00	35.00	29.00	
25.00	28.00	29.00	25.00	30.00	
33.50	30.00	35.00	35.00	40.00	
.05	.05	.046	.05	.06	
.086	.08	.085	.08	.08	
242.00	250.00	200.00	200.00	220.00	
9.20	10.00	10.00	10.00	6.00	
6.00	4.50	7.75	3.00	8.00	
1500.00	5000.00	3000.00	1285.00	3800.00	

MENDOCINO COUNTY—BRIDGE CONSTRUCTION—(STATE)

MENDOCINO COUNTY, Calif.—M. A. Jenkins, 3560 "Y" Street, Sacramento, at \$36,572.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a bridge across Jack Peters Creek and about 0.22 mile grading and applying penetration oil treatment about 10 miles south of Fort Bragg (I-Men-56-E), Mendocino County.

- Work involves:
- (1) clear and grub;
 - (2) 60 M. gals. water;
 - (3) 4,600 c.y. unclass. rdwy. excav.;
 - (4) 700 c.y. struc. excav.;
 - (5) 1,050 c.y. imported borrow;
 - (6) 12 sta. finish rdwy.;

- (7) 7 tons liq. asph. SC-2 penetration oil treatment;
- (8) 147,000 lbs. bar reinf. steel;
- (9) 800 c.y. Class A Portland cement conc. struc.;
- (10) 17 c.y. Class A Portland cement conc. railing;
- (11) 2,300 lbs. misc. steel;
- (12) 36 lf. 18-in. CMP;
- (13) 2 each culvert markers;
- (14) 12 each guide posts;
- (15) 0.35 mile new property fence;
- (16) 18 each monuments;
- (17) removing and disposing of existing bridge;
- (18) 1 lot misc. items of work.

- Total bids follow:
- (A) M. A. Jenkins, Sacramento, \$36,572.50.

- (B) Joseph Shaw, Oakland, \$40,106.50.
- (C) Guerin Bros., San Francisco, \$40,211.00.
- (D) Albert H. Seimer and John Carcano, San Anselmo, \$41,177.00.
- (E) Harold Smith, St. Helena, \$41,869.50.
- (F) J. M. Walker, Berkeley, \$42,019.
- (G) A. Soda & Son, Oakland, \$42,591.84.
- (H) C. W. Caletti & Co., San Rafael, \$43,146.00.
- (I) Fred J. Maurer & Son, Eureka, \$43,808.00.
- (J) Valley Const. Co., San Jose, \$44,242.50.
- (K) E. E. Smith, Eureka, \$44,805.00.

Unit prices follow:

	(H)	(I)	(J)	(K)
\$ 350.00	\$1070.00	\$ 400.00	\$ 200.00	
2.00	1.50	2.00	1.00	
.70	.70	.30	.60	
2.00	2.50	3.00	2.50	
.80	.60	.75	1.80	
10.00	10.00	10.00	10.00	
30.00	25.00	25.00	20.00	
.05	.042	.05	.05	
35.00	32.00	35.00	20.00	
60.00	60.00	80.00	40.00	
.15	.20	.20	.24	
2.00	2.00	4.00	2.50	
5.00	4.00	3.00	2.00	
3.00	3.00	3.00	2.00	
500.00	400.00	1000.00	1000.00	
3.00	4.00	3.00	4.00	
500.00	800.00	800.00	500.00	
500.00	1265.00	600.00	500.00	

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$850.00	\$ 200.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 500.00	\$1000.00
(2).....	1.50	2.00	1.50	3.00	2.00	3.00	2.00
(3).....	.40	.50	.50	.50	.50	.55	.75
(4).....	2.00	2.00	1.60	2.00	1.25	2.00	2.50
(5).....	.75	1.10	.75	1.00	1.45	1.00	1.10
(6).....	12.50	11.00	10.00	10.00	8.00	10.00	10.00
(7).....	25.00	25.00	30.00	25.00	30.00	20.00	25.00
(8).....	.0425	.042	.0525	.05	.05	.046	.05
(9).....	28.50	31.50	30.00	31.00	33.00	32.50	30.00
(10).....	28.50	60.00	50.00	60.00	70.00	65.00	50.00
(11).....	.18	.22	.30	.25	.20	.20	.20
(12).....	2.00	2.00	2.50	3.00	2.50	2.00	3.00
(13).....	2.00	3.00	3.00	5.00	3.00	5.00	4.00
(14).....	2.00	2.50	3.00	5.00	3.00	3.00	3.00
(15).....	800.00	750.00	800.00	1500.00	600.00	1000.00	1250.00
(16).....	3.00	3.00	3.00	3.00	3.00	3.00	3.00
(17).....	300.00	700.00	250.00	800.00	300.00	500.00	750.00
(18).....	600.00	600.00	500.00	500.00	350.00	750.00	768.34

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Calif.—Until Jan. 31, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, Fort Mason, San Francisco, under Bid No. 928-39-216, for Douglas fir lumber; f.o.b. Fort Mason.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Jan. 25, 10:00 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. QM-W-6616-39-50, for steel pipe and fittings; f.o.b. Presidio of San Francisco.

Plans and specifications may be obtained from the above office. *

SACRAMENTO, Calif.—Until Jan. 24, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-39-165, for bolts, nuts, ell, nipples, bushings, plugs, tees, unions, valves, nails, strap hinges, etc.; f.o.b. Rio Vista.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 23, 3:00 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-39-180, for furnishing approx. 474 squares of three-ply cotton fabric and asphalt membrane waterproofing in place on fortification structures at Fort Cronkhite, Marin County.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 23, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-176, for motion picture projector; f.o.b. above office.

Plans and specifications may be obtained from the above office. *

HAMILTON FIELD, Calif.—Until February 2, 11 A. M., bids will be received by the Quartermaster, Hamilton Field, under Bid No. QM 373-39-27, for six tons of petroleum asphalt; fob Hamilton Field by February 14.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-183, for gates and grilles; fob Fort Cronkhite, Marin County.

Plans and specifications may be obtained from the above office. *

FORT MASON, Cal.—Until Jan. 31, 10:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-221, for wrought iron pipe and fittings, globe valves, etc.; fob Fort Mason.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Feb. 1, 9:30 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-223-Misc., for copper-nickel alloy rods of chromium-nickel-alloy steel rods; f.o.b. Fort Mason.

Plans and specifications may be obtained from the above office. *

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing misc. materials and supplies, as follows:

SCH. 5333: Motor driven pattern makers' lathe for San Diego; January 27.

SCH. 5328: Motor driven press brake and one set dies for Puget Sound January 27.

SCH. 5303: Brass, bronze, and copper for eastern and western yds.; January 24.

SCH. 5350: Seamless steel tubing for eastern yards and Puget Sound; January 31.

SCH. 5326: Medium bar rivet steel for eastern and western yards; January 24.

SCH. 6337: Storage battery electric truck for eastern or western yard; January 27.

SCH. 5316: Bar steel for eastern and western yards; Jan. 24.

SCH. 5351: Eight turbine driven main condenser circulating pumps and spares for Boston, Charleston and Puget Sound; Jan. 31.

SCH. 5339: 430 cylinders, gas (dichlorodifluoromethane) for Brooklyn; 150 for Mare Island; January 27.

SCH. 5366: 1,816,000 lbs steel plates, sheets and strips; 630,000 do; 1,230,000 lbs. do; 630,000 lbs. galv. do; 230,000 lbs. galv. steel plates; 230,000 lbs. do; 210,000 lbs. black steel plates for Puget Sound; January 31.

SCH. 5349: Purifiers, oil, and spares for eastern yards and Puget Sound; Jan. 31.

SCH. 5341: Four power equipments, consisting of motor generator, controller and spares; Jan. 27.

SCH. 5379: 610 gals. black insulating varnish for Puget Sound; Feb. 3.

SCH. 5365: Cans, cement, tin, pall, putty for eastern and western yards; Feb. 3.

SCH. 5387: Wire cloth for eastern and western yards; Feb. 7.

SCH. 5356: Approx. 20,000 galv. iron buckets for eastern and western yards; Feb. 7.

SCH. 5362: Approx. 65,000 lbs. steel wool for eastern and western yards; Feb. 3.

SCH. 5389: Cloth, abrasive and crocus; paper lint and garnet for eastern and western yards; February 7.

SCH. 5388: Burrs, rivets and washers for eastern and western yds.; February 7.

SCH. 5360: Two motor driven paste mixers for Mare Island; Jan. 31.

SCH. 5358: One motor driven metal cutting band saw and 6 sets of carbon brushes for San Diego; January 31.

SCH. 5338: Sheet steel for eastern and western yards; Jan. 27.

CANAL ZONE

PANAMA CANAL.—Until Jan. 31, 10:30 A. M., bids will be received by the General Purchasing Agt., Washington, D. C., under Sched. No. 3417, for furnishing misc. materials and supplies, as follows:

Steel rails, splice bars, splice-bar bolts and nuts, machine bolts, carriage bolts, brass bolts, steel nuts, rivets, washers, duct rods, flush-valve guides, lever wires and tank-ball stems, machine-bolt expansion shields, fiber conduit, rigid steel conduit bushings, lead pipe steeling, wattour meters, electric fans, distribution-type transformers, electric lighting fixtures, electric light globes, glass shades, power cable, telephone cable, insulated solid copper wire flexible lamp cord, lead pencils, etc.; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or from the Asst. Purchasing Agent, the Panama Canal, Ft. Mason, San Francisco.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until Jan. 24, 2 P. M., bids will be received by the U. S. Forest Service, P. C. Brown, Procurement Officer, 1015 Shelan Bldg., San Francisco, under Bid No. 1382, for one combination wood and coal electric range; fob shipping point and/or Dunsmuir.

Plans and specifications may be obtained from the above office.

GOVERNMENT ISLAND, Calif.—Until Jan. 23, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6295, for the purchase of new diesel power unit, complete, fob shipping point and/or Government Island. Lump sum trade-in allowance and/or cash offer on used equipment, which may be inspected at the Forest Service Transportation Office, Government Island.

Plans and specifications may be obtained from the above office.

GOVERNMENT ISLAND, Calif.—Until January 24, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 6303, for 50 rolls of corrugated board; fob shipping point and/or Government Island.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO COUNTY PERMITS UNDER \$1,000

ALTER dwelling, \$200; 3639 Folsom St.; owner, Wm. Schroeder, 3639 Folsom St.

SIGN, electric, \$150; 1180 Potrero Ave.; owner, Doherty Bros., 1180 Potrero Ave.; contractor, Wonderlite Neon Prod. Co., 170 Otis.

ALTER store, \$847; 811 Lincoln Way; owner, Antone Herz, 809 Lincoln Way; contractor, F. Fiske, 1636 8th Ave.

ALTER dance hall, \$200; NE Eddy and Jones Sts.; owner, Shallman Bowl, premises; contractor, Phoenix-Simpton Co., 320 6th St.

Section 562 P. L. & R.

U. S. POSTAGE

PAID

San Francisco, Calif.

Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service



Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*



Daily Pacific Builder

In Forty-Ninth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

PACIFIC

DEPENDABLE



AND ACCURATE

CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE



\$28,066,000 Highway
Projects Planned



K. E. Parker Low on Mare Island Foundry



Building Permits, Advance Reports
of Building and Engineering
Projects

CADMAN HEADS CONSTRUCTION SECTION HERE

Graybiel, Grosh Elected Vice Chairmen; Committee Heads Named

Chas. M. Cadman yesterday was re-elected chairman of the Construction Industries Section of the San Francisco Chamber of Commerce. Instrumental in foundation of the section, Mr. Cadman has been one of its most active workers.

The section opened its 1939 activities yesterday by electing a complete slate of officers and committee chairmen and adopting a comprehensive plan covering all phases of organization.

Other officers named yesterday were Lloyd E. Graybiel, first vice-chairman, and Earl E. Grosh, second vice-chairman. Louis LeHane continues as section manager.

The following were named chairmen of the various standing committees:

R. T. Stephens, membership; Clarke E. Wayland, program; P. T. Farnsworth, advertising and publicity; Ellis Stoneson, residential construction; Ervin H. Clauen, residential modernization; Harry H. Hilp, commercial and industrial construction; John E. Mullen, commercial and industrial modernization.

Frederick H. Meyer, public building construction; B. F. Blair, trade relations; W. C. Tait, construction contract methods; Clarence B. Eaton, streets and highways; J. E. Mackie, legislative.

Election of officers and committee chairmen was unanimous, by acclamation, following announcement of recommendations of the nominating committee.

Members of the nominating committee were:

Raymond E. Alvord, vice-president, General Electric Co.; Leonard C. Hammond, president, Hammond Lumber Co.; Henry J. Brunner, engineer; Hubert M. Walker, president, P. J. Walker Co.; Howard Pallerday, president, Western Pipe and Steel Co. of California; Arthur Shelby, vice-president, Calaveras Portland Cement Co.; Albert J. Evers, executive director, San Francisco Housing Authority; and A. D. Wilder, Director, San Francisco Department of Public Works.

Production of malleable iron castings for the first eleven months of 1938 amounted to 250,970 short tons, as compared to production of 574,494 short tons during the same period in 1937, the Bureau of Census announces.

Heads Chamber Group



Charles M. Cadman, who yesterday was re-elected chairman of the Construction Industries' Chamber of Commerce.

APPORTIONMENT OF FOREST ROAD FUND ANNOUNCED

Allotment by States of Highway, Forest Trail Funds Made Public

Apportionment by states for the fiscal year beginning July 1 of \$10,000,000 for national forest highways, truck trails and foot trails has been announced by the Secretary of Agriculture.

The sum of \$6,666,667 represents the forest highway fund, by law expended upon those main roads within national forests which serve the needs of public travel.

The sum of \$3,333,333, the forest road development fund, is for the construction and maintenance by the U. S. Forest Service of truck trails, horse and foot trails within and adjacent to the national forests.

Apportionment of the forest highway and forest roads development funds to western states is as follows:

State	Forest Highway Funds	Forest Rd. Dev. Funds
Arizona	\$388,946	\$128,614
Alaska	400,000	21,614
California	952,825	534,557
Colorado	489,680	137,680
Idaho	687,173	492,661
Montana	535,677	323,000
Nevada	898,443	111,034
New Mexico	121,561	41,350
Oregon	273,502	109,847
Utah	224,463	111,034
Washington	459,350	237,146
Wyoming	295,516	106,833

DAN CAPUTO BIDS AGNEWS SEWER WORK

Fred J. Early Jr. Second on Sewer, Telephone Extension

SACRAMENTO, Jan. 24. — Dan Caputo, 985 Delmas avenue, San Jose, at \$37,974.95 today submitted the low bid to the State Architect for the installation of a sewer and telephone extension at Agnews State Hospital.

Total Bids

Complete total bids follow:

Dan Caputo	\$37,974.95
Fred J. Early, Jr.	41,450.00
Harvey E. Connor	43,102.00
Underground Const. Co.	44,989.00
Eddy Electric and Mechanical Co.	45,332.00

The following amounts of pipe will be used in the proposed sewer and telephone extension at the State Hospital: 640 feet of 15-in. vitreous tile pipe; 7200 feet of 10-inch asbestos cement pipe, and 900 feet of 2-inch asbestos cement pipe.

Plans call for 10,000 feet of 100-pair underground telephone cable; 1250 feet of 2300-volt underground electric service; a complete sewage screening and pumping plant; electric transformers; motors; pumps; screening equipment; and mechanical equipment.

The proposed sewer and telephone extension will be connected to existing sewer, telephone and service lines.

All bids on the proposed improvement of facilities at Agnews State Home, Santa Clara county, were taken under advisement by the State Architect.

Northwest Lumber Bookings Increase

A total of 143 down and operating mills in Washington and Oregon, which reported to the West Coast Lumbermen's Association for the week ending January 14, 1939, produced 89,998,749 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 58.5 per cent of its average weekly cut during 1926-1929.

The new business reported taken by the 143 mills was 100,398,387 board feet. Shipments were 84,545,471.

The unfilled order file at these mills stood at 330,312,986 bd. ft.

Missouri will ship 20 carloads of exhibits to Treasure Island to display in the Missouri Building at the 1939 California World's Fair.

Schools, Sewer Projects, Water Systems Head Current PWA Construction Program

Although American cities filed applications for many types of PWA projects ranging from ice plants to ferry boats and from oyster beds to bird farms the preponderance of projects the typical American community wanted were substantial, permanent public improvements.

This was shown in an analysis of the types of approved PWA projects prepared for Public Works Administrator Harold L. Ickes. The report showed schools to be the leading PWA project to receive allotment throughout American cities, with water systems second.

Villages, towns, cities, counties and States made more than 12,800 applications for projects in the 1938 program alone. Reviewing the entire course of PWA, the report showed that more than 37,000 requests for projects costing more than \$12,200,000,000 had been filed by American communities since 1933. In each instance the community backed its request by volunteering to assess itself for 55 per cent of the cost as a local contribution to the project.

But in addition, many unusual requests were filed with the PWA. Applications were submitted for zoo buildings, warehouses, fish hatcheries, oyster and shrimp packing plants and hotels.

The leading types of approved PWA projects shown by the report are as follows:

Type	No.	Est. Cost
Secondary schools ..	6,459	\$933,224,657
Water systems	2,421	310,628,061
Sewer systems	1,525	459,684,355
Hospitals and institutions	677	300,684,638
Colleges and universities	659	197,293,023
Courthouse and city halls	637	127,374,561
Roads and hiways.....	610	293,793,094
Bridges & viaducts.....	382	222,959,467
Flood control, water power & reclamation	128	197,362,047
Subways & tunnels.....	13	202,985,348

In addition to the 16,700 public works projects allotted to cities and towns in every section of the nation, the Federal Government has on its own initiative, erected many outstanding projects. Among these are the Fort Peck Dam in Montana—the largest earth-fill dam in the world, the Grand Coulee and Bonneville dams, and the All-American Canal that will bring to life the sections of the Imperial Valley now obtaining a dependable supply of water.

One of the more interesting applications for a non-Federal project was the request by the State Game and Fish Commission of the State of Colorado for a PWA grant to aid in the construction of a bird farm. With a request for a PWA grant of \$17,682 the plans called for an incubator house, brooder houses, a machine and carpentry building, caretakers' house and pipe

lines for vaporized heat. The total cost of the project was estimated at \$39,294 to represent the initial unit of the State bird farm to, as the application stated, "aid in the propagation and distribution of game birds in the State of Colorado."

Cincinnati applied for an allotment of two new buildings for the Municipal Zoo. One building, two stories of fireproof construction, would house not only keepers but provide 40 cages for reptiles and exterior and interior swamps for alligators. Each cage the application stated would be treated in keeping with the habitat of the reptile occupying it, with all the comforts of home including walls painted with scenic backgrounds. Floors would be treated as marsh—swamp or rocky soil as may be required with small pools, rocky ledges, and the like. A heating system would keep the temperature between 90 and 95 degrees. The cost of the reptile building was estimated at \$136,826 and to afford 52,500 man-hours of employment.

The second building would contain bear pits or barless enclosures, surrounded by a system of walls and moats so the animals would be unable to escape. This system has been successfully used in Berlin, Hamburg, St. Louis, Chicago and Detroit. Additional comfort would be provided by a series of caves or retiring dens with folding doors. To properly house Cincinnati's bears, the city estimated the cost at \$93,130. Fifty-five per cent of the cost of the two buildings would be borne by the City of Cincinnati and the balance a direct grant by PWA.

The City of Stockton, Calif., applied for an allotment to help build a \$60,000 cotton warehouse, to be leased to the Port Authority to afford adequate facilities for handling, warehousing, baling and shipping of California's long staple cotton. The project would, according to the applicant, be of benefit to Stockton, farmers and pickers and would pay for itself in 20 years.

South Dakota's State-operated hotel in the Black Hills was destroyed by fire two years ago and an application was made for funds to replace it with a new three-story structure to cost \$142,700. The application was filed by the Custer State Park Board. The hotel is to be located on Sylvan Lake near Rushmore Mountain.

CARMEL SEWAGE PLANT PROJECT OUT FOR BIDS

District to Open Proposals Feb. 3 on Treatment Plant, Outfall Sewer

Directors of the Carmel Sanitary District will open bids next week for construction of the \$100,000 outfall sewer and treatment plant, with February 3 set as the opening date for proposals.

At the same time the board will receive bids for laying sanitary sewers in Hatton Fields, it was announced.

The Treatment Plant contract covers construction of intercepting and outfall sewers, pumping stations, the treatment plant and appurtenances.

A total of 83 items is covered in the bidding schedule on which contractors will submit unit prices.

Principal divisions of the bidding schedule are:

1. Trunk line outfall and intercepting sewers.
2. Scenic Road pumping station and appurtenances.
3. Sixteenth Ave. pumping station and appurtenances.
4. Suspension bridge.
5. Detritor.
6. Flocculator-clarifier.
7. Two digestion tanks.
8. Valve house and pipe gallery to control building.
9. Control building.
10. Filter bed and sludge beds.
11. Miscellaneous items, including cast iron pipe and fittings, gate valves, gas and fresh water pipes, roadway and plant protection levee, bulkhead, grading and surfacing entrance roadway, and wire mesh fence.

O'Neil Joins S. F. Engineering Firm

Expansion of the consulting and industrial engineering firm of W. Harry Archer & Associates, 130 Bush street, San Francisco, to include a civil and structural engineering department headed by Hugh M. O'Neil is announced by Mr. Archer.

Mr. O'Neil is a graduate of the California Institute of Technology and possesses a varied experience in structural design.

Fields in which the firm now offers engineering services include structural, mechanical, electrical, air conditioning and power plant design and their many correlated phases.

Production of commercial steel castings during November, 1938, amounted to 29,994 short tons, as compared to production of 28,109 short tons during the preceding month, according to the Bureau of Census.

STATE FACTORY PAYROLLS SHOW DECEMBER GAIN

**Employment Under Dec. 1937
Figure; Average Weekly
Earnings Increase**

The January issue of the California Labor Market Bulletin, released yesterday by H. C. Carrasco, State Labor Commissioner, shows decreases in employment and payrolls in December, 1938, as compared with December, 1937. Average weekly earnings, however, increased from \$28.98 in December, 1937 to \$29.93 in December, 1938, an increase of 3.3 per cent. The total number of wage earners employed in manufacturing establishments covered by reports filed with the Division of Labor Statistics and Law Enforcement in its monthly survey of employment and earnings for the week ending nearest the 15th of December, 1938, was 175,597, a decrease of 5.2 per cent when compared with the number employed (185,199), in the same establishments during the corresponding week of December, 1937. These data are for 1,948 representative manufacturing establishments employing more than 65 per cent of all the wage earners in California manufacturing plants.

Among the important industries whose decline in employment from December, 1937 to December, 1938 was considerably greater than the average for all industries (5.2 per cent) were the following:

Industries	Decrease in Employment Dec. '37 to Dec. '38
Foundry and forge products.....	-12.9%
Machinery and machine tools.....	-28.6%
Electrical machinery, apparatus, supplies.....	-25.9%
Structural and ornamental metal work.....	-21.6%
Tin cans and other tinware.....	-11.1%
Non-ferrous metals.....	-12.7%
Aircraft.....	33.0%
Glass.....	-20.3%
Tires and rubber products (affected by strike conditions).....	-21.1%
Book and job printing.....	- 7.1%
Canning, preserving of fruits and vegetables.....	-17.7%
Canning and packing of fish.....	-13.0%
Beverages.....	- 7.1%

Among the important industries showing substantial increases in employment over December, 1937 were: Automobiles, bodies and parts (plus 31.9 per cent), shipbuilding (plus 4.7 per cent), textiles (plus 13 per cent), motion picture producing and developing (plus 8.6 per cent), and sugar, crude and refined (plus 38.7 per cent).

The average wage earner in California industries worked 37.5 hours per week in December, 1938, as compared with 36.9 hours in December, 1937. His hourly earnings increased from 77.9c in 1937 to 82.1c in 1938, an increase of 5.4

Plumbing, Heating Industry Nets Big Share of FHA Jobs

The plumbing and heating industry has received a large share of business generated by the Federal Housing Administration's loan insurance program, according to F H A officials. They estimate that about \$425,000,000 of the \$2,000,000,000 of insured financing on the FHA's books has been spent for the products of this industry.

As of December 31, 1938, the FHA had written total insurance total included \$1,300,000,000 of insured small home mortgages, \$62,500,000 of insured mortgages on large scale rental housing projects, and \$733,350,000 of insured property improvement loans.

Conceding the difficulty of estimating exactly what part plumbing and heating have had in these activities, FHA officials point out that various analyses conducted by the FHA afford a reasonable competent yardstick for measuring the participation of various industries in the program.

Average Participation

For example, FHA officials say, technical analyses made by experts in the small home mortgage field have shown a varying participation for plumbing and heating, but the "mean" average participation for this industry ranged from 22 per cent of the total cost of the house to 18 per cent when calculated on the cost of the whole property. Therefore, at the conservative lower percentage, the plumbing and heating industry has participated to the extent of \$234,000,000 out of \$1,300,000,000 of mortgages insured by the FHA in the small homes field.

Furthermore, surveys conducted by the Administration's large scale housing staff have found that approximately 17 per cent of expenditures in this program very consistently

per cent.

Employment in public utilities was off 5.6 per cent from December, 1937, and payrolls dropped 5.3 per cent. Wholesale trade employment decreased (-0.6 per cent), but payrolls increased (plus 0.2 per cent). Retail trade showed decreases in both employment (-0.6 per cent) and payrolls (-2.7 per cent).

In comparing December, 1938, employment in manufacturing establishments showed a less than seasonal decrease of 2.1 per cent. Payrolls, however, increased from November, a rise of 0.4 per cent. Exclusive of the fruit and vegetable canning industry, manufacturing showed a decrease of 0.4 per cent in employment and an increase of 1.2 per cent from November to December, 1938. Payrolls in the November week were affected by the Armistice Day holiday.

Report Progress On Debris Control Dams

Excavation for construction of the debris control dam on the Upper Narrows of the Yuba River will start shortly, Lieutenant-Colonel L. B. Chambers, district engineer of the U. S. Engineer Office, announces. Contractors have built the workmen's camp, and are already clearing land for the reservoir site which will be nine miles in length.

Work on the North Fork dam is well underway, and may be finished within a few months.

The dams will be concrete structures with spillways. Since debris, which would clog channels, settles in the reservoirs, hydraulic mining may be carried on upstream when the dams are completed. Still under consideration is the Ruck-a-Chucky dam, planned for the Middle Fork of the American River.

ently go to the plumbing and heating industry. On this basis, therefore, the industry has benefited directly to the extent of more than \$10,000,000 in large scale housing projects.

The part plumbing and heating have played in the Property Improvement Credit Plan of the FHA is the most difficult to estimate, officials state, doubly so because lending agencies have 30 days in which to report these loans and no individual accounting of contemplated expenditures is required. One indication of the extent to which plumbing and heating is participating may be found in the announcement of a spokesman for a large heating company who declared that one day's mail recently brought 2,700 applications from dealers for modernization loan application blanks, constituting "a response without parallel in our experience."

Estimate 25 Per Cent

A survey conducted in the early days of the FHA involving 11,000 Property Improvement Credit notes insured by it disclosed that 30 per cent of the proceeds were intended for either plumbing or heating purposes. Accepted trade journals declare a conservative estimate of plumbing and heating expenditures in improvements and repairs is 25 per cent. Using this latter estimate, therefore, it appears that of the \$733,350,000 expended for improvements and repairs with FHA-insured notes, plumbing and heating has benefited to the extent of more than \$183,000,000.

The wide range in the types of work being undertaken in the construction and modernization fields finds plumbing and heating installed in the pivotal position, in the opinion of FHA officials, who observe that few jobs in this category do not involve these items.

State Invites Bids on Three Bridge, Highway Contracts; To Open Feb. 15-16

SACRAMENTO, January 24.—The State Highway Commission today authorized advertising for bids on three contracts involving bridge and highway construction in Sonoma, Riverside and San Luis Obispo Counties.

Bids on the Sonoma and Riverside Counties jobs will be opened in Sacramento, February 15; bids on the Southern job will be opened in Los Angeles the following day.

The first contract calls for construction of two reinforced concrete slab bridges and retaining walls, and about 3.2 miles of grading and surfacing with gravel base and armor coat between Northwood Park and Guerneville in Sonoma county.

Principal items include: 97,410 cubic yards of unclassified roadway excavation; 800,000 sta. yds. overhaul; 4,920 cubic yards of structural excavation; 2,050 cubic yards of ditch and channel excavation; 10,850 cubic yards of retaining wall backfill; 171 stations finishing roadway; 27,670 cu. yds. of gravel base; 150 tons of liquid asphalt; 304 tons asphaltic emulsion armor coat and seal coat; 4,820 tons of screenings, armor coat and seal coat; 116,250 pounds of bar reinforcing steel; 678 cubic yards of Class A Portland cement concrete structures; 134 M FBM treated Douglas fir piles; 8,375 lineal feet of treated Douglas fir piles; 5,460 lineal feet of steel bulkhead and anchor piles furnished; 42,600 pounds of miscellaneous steel; and 5100 feet of CMP.

Bridge Job

The second contract, for which bids will be opened in Sacramento, February 15, involves construction of a reinforced concrete girder bridge in San Luis Obispo county.

The bridge will be built across Paso Robles Creek about six miles south of Paso Robles, and will consist of two 48-foot 6-inch spans and two 36-foot 6-inch spans on concrete piers and abutments with timber pile foundations.

Principal items include: 200 cubic yards of unclassified excavation; 1,550 cubic yards of structural excavation; 11 tons of asphalt; 128,000 pounds of bar reinforcing steel; 138 cubic yards of Class A Portland cement concrete footing blocks; 700 cubic yards of Class A Portland cement concrete structures; 4,890 feet of Douglas fir piles; and 900 square yards preparing, mixing and shaping road-bed.

Riverside County

Bids on the last job will be opened in Los Angeles February 16. The work involves construction of a reinforced concrete rigid frame bridge at Station 142 plus 10 about four miles west of Corona in Riverside county.

Concrete Yardage At Grand Coulee Reaches New Peak

The daily production of concrete for completion of Grand Coulee Dam is expected this year to break the world's record for output it established in 1937 when in a single day 15,844 yards of concrete were produced, enough to pave 6½ miles of 20-foot highway, according to officials of the U. S. Bureau of Reclamation. That 24-hour record may be exceeded by enough to lay an additional mile of pavement.

Since Thanksgiving Day, 1935, when concrete placing began, five million cubic yards of concrete have been placed in Grand Coulee Dam, the biggest block of artificial stone ever made, and already the biggest man-made structure of all time, though less than half completed. Five and a half million yards of concrete have yet to be placed.

The enormous quantity of concrete to be made, and the high rate of production required on this project justified the installation of mixing equipment of great capacity, and the use of control devices of great intricacy and precision. The mixing plant is known locally as the House of Magic.

Mixing cycles are controlled in terms of seconds, automatically, by ingenious electrical and compressed air devices; and by the simple shifting of a control lever the components of water, cement, sand and gravel for four-yard batches of concrete, are weighed out precisely in proper proportions for any one of five different mixes.

Rows of lights, under the remote control of the concrete dispatcher, tell the mixer operator how many batches and what kinds of concrete are wanted. Numerous pens, drawing lines on a wide moving strip of paper, record the filling of the weigh-bins, one for each component. When the proper quantities of materials for a complete 4-yard batch are weighed out, and no sooner—this takes 17 seconds—the batch is dumped into one of four continuously-rotating 4-yard mixers.

Factory sales of mechanical stokers during the first eleven months of 1938 amounted to 91,420 units, as compared to sales totaling 97,781 units registered during the same period in 1937, the Bureau of Census announces.

MODIFICATION OF ARCHITECTS ACT PROPOSED

Legislature Considers Measure Giving State Board Added Power

Proposed modifications of the Architects' Practice Act embodied in Senate Bill 186 are being considered by the Legislature, the State Association of California Architects reports.

A bulletin released yesterday by the association declares:

"The Legislature is considering a modification of the 'Architects' Practice Act' (S.B. 186) presented by Senator Kenny of Los Angeles. This bill is based on the present act with certain changes worked out by the State Board of Architectural Examiners, assisted by the State Code Commission, aiming to increase the efficiency of administration.

"All organizations of architects within the State are actively supporting the bill and, although submitted some time ago to all the groups within the building industry, no opposition has developed.

"To give the public the protection it has a right to expect when dealing with professions under the regulation of State Boards requires that more adequate disciplinary powers be provided under the 'Architects' Practice Act' which is one of the oldest professional acts on the statute books today. Great credit is due to the committee which after years of study has proposed an Act so well calculated to raise the standards of the profession.

Western PWA Jobs Employing 14,152

The number of new jobs created by the current Federal Public Works Administration program in this Far Western region totals 49,532, according to Kenneth A. Godwin, PWA Regional Director. He stated that 14,152 men are at work on PWA project sites and 35,380 other workers are being kept busy producing the materials necessary for the construction and transporting them.

In California alone, he added there are 11,257 men working on project sites at the prevailing wages. In Arizona, 2,116 men have found PWA jobs while in Utah 611 workers have been hired already. In Nevada 168 men are working on project sites.

The total amount of money being released for the new PWA program in this four-state region is \$64,123,549. This was made possible by grants and loans made, with presidential approval, by Public Works Administrator Harold L. Ickes, totaling \$30,545,825.

PERMITS AND CONTRACTS

NOTICE TO SUBSCRIBERS

This is the final issue of the Pacific Constructor, the publication having been merged with Daily Pacific Builder.

Now in its forty-ninth year, Daily Pacific Builder provides the same authoritative news of the industry in a more complete form, with the added timeliness made possible by its publication every business day of the year.

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
129	Rincon	United Rfg.	1795
130-3	Standard	Owner	3500
135	Detjen	Owner	4000
136	Detjen	Owner	6000
137	Detjen	Owner	8000
138	Doelger	Owner	5000
139	Harriman	Coburn	1000
140	Peterson	Jensen	3300
141	Realty	Sunset	2000
142	Ballantine	Carlson	7000
143	Campbell	Owner	4500
144	Clancy	Donner	3000
145-6	Castello	Owner	3500
147	Hastings	Donner	3200
148	McDuffy	Prout	8000
149	Nelson	Owner	4000
150	Schroeder	Owner	3500
151	Schwartz	McKeon	4000
152	Shumate	Kelly	1000
153	Cert. Auto	Owner	2500
154	Dall	Owner	3500
155	Doelger	Owner	5000
156	Geoffrion	Owner	1200
157	Higgins	Owner	2000
158	Lindquist	Owner	3500
159	Lindsay	Owner	3500
160	Miller	Owner	1000
161	Moncrief	Dream Home	3800
162	Poheim	Presco	1200
163	Hueter	United Rfg.	1900
164-7	Mohr	Owner	4000
168	Page	Moore	5500
169	Rousseau	Owner	12000
170-1	Rousseau	Owner	15000
172	Stoneson	Owner	4000
173	Thorinson	Owner	3500

ALTERATIONS

(129)	1175 FITZGERALD AVENUE.		
	Alter dwelling.		
Owner—	T. F. Rincon, premises.		
Contractor—	United Roofing & Siding Co., 2906 Mission St.		
Architect—	Not given.	\$1795	

DWELLINGS (2)

(130)	S. VICENTE 95-120 E. 36th AVE. Two (2) 1-story and basement frame dwellings.		
Owner—	Standard Bldg. Co., 1500 Judah Street.		
Architect—	Not given.	\$3500 ea.	

DWELLINGS (8)

(131)	E. 36th AVE. 326, 351, 376, 401, 426, 451, 476, 501 S. Vicente St. Eight (8) 1-story and basement frame dwellings.		
Owner—	Standard Bldg. Co., 1500 Judah St.		
Architect—	Not given.	\$3500 ea.	

DWELLING

(132)	N. VICENTE 95 E. 36th Ave. One-story and basement frame dwelling.		
Owner—	Standard Bldg. Co., 1500 Ju-		

dah St.
Architect—Not given. \$3500

DWELLING

(133)	S.E. 36th AVE AND VICENTE STREET. One-story and basement frame dwelling.		
Owner—	Standard Bldg. Co., 1500 Judah Street.		
Architect—	Not given.	\$3500	

MOTEL

(134)	N LOMBARD 26 E Broderick Sts. One-story frame motel.		
Owner and Builder—	H. L. Detjen, 1446 Francisco Street.		
Architect—	Jorgensen & Deichmann, 321 Bush Street.	\$3,000	

MOTEL

(135)	N LOMBARD 26 E Broderick Sts., One-story frame motel.		
Owner and Builder—	H. L. Detjen, 1446 Francisco Street.		
Architect—	Jorgensen & Deichmann, 321 Bush Street.	\$4,000	

MOTELS

(136)	N LOMBARD 26 E Broderick Sts. Three frame motels.		
Owner and Builder—	H. L. Detjen, 1446 Francisco Street.		
Architect—	Jorgensen & Deichmann, 321 Bush Street.	\$6000 each	

MOTEL

(137)	N LOMBARD 26 E Broderick Sts., One-story frame motel.		
Owner and Builder—	H. L. Detjen, 1446 Francisco Street.		
Architect—	Jorgensen & Deichmann, 321 Bush St.	\$8,000	

DWELLINGS

(138)	E 16th AVE. 90, 123, 156, 189, 222 N Lawton St. Five 1-story and basement frame dwellings.		
Owner and Builder—	Henry Doelger, Bldr. Inc., 320 Judah Street.		
Architect—	Not Given.	\$5,000 ea.	

ALTERATIONS

(139)	2470 WASHINGTON St. Alter apartments.		
Owner—	A. Harriman, c/o contractor.		
Contractor—	Ira W. Coburn, 2048 Market Street.		
Architect—	Not Given.	\$1,000	

DWELLING

(140)	N 27th ST. 186 W Diamond. One - story and basement frame dwelling.		
Owner—	Gust L. Peterson, 1531 25th Avenue.		
Contractor—	E. Jensen, 41 Bache St.		
Architect—	Not Given.	\$3,300	

ALTERATIONS

(141)	571 GEARY ST. Alter apts.		
Owner—	Realty Ex. Corp., 1000 Mills Building.		
Contractor—	Sunset Building Co., 451 Fulton Street.		
Architect—	Not Given.	\$2,000	

FLATS

(142)	NE 16th and KIRKHAM. Two story and basement frame flats.		
Owner—	Alma Ballantine, 795 25th Avenue.		
Contractor—	Carlson & Nelson, 1593 29th Avenue.		
Architect—	Not Given.	\$7,000	

DWELLING

(143)	SE ULLOA 498 NE Laguna Honda Blvd. One-story and basement frame dwelling.		
Owner and Builder—	J. V. Campbell, 849 Laguna Honda Blvd.		
Architect—	Not Given.	\$4,500	

DWELLING

(144)	E REY 150 S Leland. One-story and basement frame dwelling.		
Owner—	Patrick W. Clancy, 38 Pope.		
Contractor—	Bernard W. Donner, 3500 Mission Street.		
Architect—	Not Given.	\$3,000	

DWELLING

(145)	N ORTEGA 104 E 25th Ave. One - story and basement frame dwelling.		
Owner and Builder—	Michael Costello, 821 34th Avenue.		
Architect—	Not Given.	\$3,500	

DWELLING

(146)	N ORTEGA 130 E 25th Ave. One - story and basement frame dwelling.		
Owner and Builder—	Michael Costello, 821 34th Avenue.		
Architect—	Not Given.	\$3,500	

DWELLING

(147)	E REY 188 S Leland. One-story and basement frame dwelling.		
Owner—	B. W. Hastings, c/o contr.		
Contractor—	Bernard W. Donner, 3500 Mission Street.		
Architect—	Not Given.	\$3,200	

DWELLING

(148)	SW SAN ANSELMO and San Buenaventura. Two - story and basement frame dwelling.		
Owner—	Mason McDuffy Co., Berkeley.		
Contractor—	J. Prout, 2530 Fillmore.		
Architect—	Angus McD. McSweeney, 604 Mission St.	\$8,000	

DWELLING

(149)	S CORBETT AVE. 73 W Iron Alley. One-story and basement frame dwelling.		
Owner and Builder—	F. Nelson & Sons, 2901 19th Avenue.		
Architect—	Not Given.	\$4,000	

(150)	SE 25th AVE. and ULLOA. One - story and basement frame dwelling.		
Owner and Builder—	E. A. Schroeder, 2335 Ulloa Street.		
Architect—	Not Given.	\$3,500	

DWELLING

(151)	W 38th AVE. 100 S Judah St. One - story and basement frame dwelling.		
Owner—	H. A. Schwartz, 1834 Kirkham Street.		
Contractor—	C. T. McKeon, 2194 30th Avenue.		
Architect—	Not Given.	\$4,000	

ALTERATIONS

(152)	UNION and Steiner Sts. Alter store.		
Owner—	Shumate Drug Stores, Union and Steiner Streets.		
Contractor—	Robt. P. Kelly, 1434 Lawton Street.		
Architect—	Not Given.	\$1,000	

ALTERATIONS

(153)	NE PINE AND Van Ness Ave. Alter service station.		
Owner—	Certified Auto Service, 79 New Montgomery Street.		
Contractor—	Not selected.		
Architect—	Not given.	\$2500	

DWELLINGS (2)

(154)	NW ALEMANY 55-82 SW Oneida. Two (2) 1-story and basement frame dwellings.		
Owner—	John Dall, 621 Cordova.		
Architect—	Not given.	\$3500 ea.	

DWELLING
(155) W. 15th AV. 5. 60 S. Quintara.
One-story and basement frame
dwelling.
Owner—Henry Doelger Builder, Inc.,
320 Judah Street.
Architect—Not given. \$5000

DWELLING
(156) S. 15th STREET 80 E. Roose-
velt Way. One-story and base-
ment frame dwelling.
Owner—Laura M. Geoffrion, 2531 15th
Street.
Architect—Not given. \$1200

DWELLING
(157) S. TUCKER 335 E Rutland.
One-story and basement frame
dwelling.
Owner—Joe Higgins, Inc., 62 Mon-
terey Blvd.
Architect—Not given. \$2000

DWELLING
(158) W. BEVERLY 315 S. Hollo-
way. One-story and basement
frame dwelling.
Owner—Chas. W. Lindquist, 290
Drake Street.
Architect—C. O. Clausen, 746 46th
Avenue. \$3500

DWELLINGS (2)
(159) W. 99th AVE. 275-250 S Mora-
ra. Two (2) 1-story and base-
ment frame dwellings.
Owner—Boyd C. Lindsay, 1176 Ale-
many Blvd.
Architect—Not given. \$3500 ea.

ALTERATIONS
(160) 682 24th AVE. Alter dwelling.
Owner—R. J. Miller, premises.
Architect—Not given. \$1000

DWELLING
(161) W. RALSTON 225 S. Sargent.
One-story and basement frame
dwelling.
Owner—Geo. Moncrieff, 2674 16th
Avenue.
Contractor—Dream Home Builders,
416 Kearny St.
Architect—Not given. \$3800

ALTERATIONS
(162) 32 POWELL STREET. Alter
dwelling.
Owner—Joe Pohelm, Inc., 22 Powell
Street.
Contractor—Oscar Presco and Sons,
250 Langton St.
Architect—Not given. \$1900

ALTERATIONS
(163) 1231 44th AVE. Alter dwelling.
Owner—A. L. Hueter, premises.
Contractor—United Roofing and Sid-
ing Co., 2906 Mission St.
Architect—Not given. \$1200

DWELLINGS (2)
(164) S. GEARY 75-100 W. 46th Ave.
Two (2) 1-story and basement
frame dwellings.
Owner—Howard Mohr, 4482 Mission
Street.
Architect—Not given. \$4000 ea.

DWELLING
(165) S. GEARY 125 W. 46th Avenue.
One-story and basement frame
dwelling.
Owner—Howard Mohr, 4482 Mission
Street.
Architect—Not given. \$4000

DWELLINGS (4)
(166) SW 46th AVE and Geary, W
46th Ave. 25, 50, 75 S Geary St.
Four (4) 1-story and basement
frame dwellings.
Owner—Howard Mohr, 4482 Mission
Street.
Architect—Not given. \$4000 ea.

DWELLINGS (2)
(167) SW SANTA ROSA 125, 150 SE
Cayuga. Two (2) 1-story and
basement frame dwellings.
Owner—Rudolph Mohr, 4482 Mission
Street.
Architect—Not given. \$4000 ea.

ALTERATIONS
(168) 2759 FILBERT STREET. Alter
flats.
Owner—John R. Page, premises.
Contractor—Moore and Madsen, 557
Market Street.
Architect—Edward B. Page, 251
Kearny St. \$5500

DWELLING
(169) SE PACIFIC and Octavia. Two-
story and basement frame dwell-
ing.
Owner—Oliver M. Rousseau, 321
Kearny St.
Architect—Not given. \$12,000

FLATS
(170) W. JONES 45 S. Green. Two-
story and basement frame flats.
Owner—Oliver M. Rousseau, 321
Kearny St.
Architect—Not given. \$15,000

FLATS
(171) S.W. GREEN AND JONES.
Two-story and basement frame
flats.
Owner—Oliver M. Rousseau, 321
Kearny St.
Architect—Not given. \$15,000

DWELLINGS (4)
(172) N. EUCALYPTUS 207, 237, 267,
297 E. 19th Ave. Four (4) 1-story
and basement frame dwellings.
Owner—Stoneson Bros., 1 Sloat Blvd.
Architect—Not given. \$4000 ea.

DWELLING
(173) S.E. SAN BRUNO and Wabash
Terrace. One-story and base-
ment frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean
Avenue.
Architect—Not given. \$3500

ALAMEDA COUNTY

No.	Owner	Contractor	Am't
99	C. G. Academy	Glantv	1500
100	Huntington	Altermatt	3000
101	Brady	Tisher	4500
102	Cole	Owner	3000
103	Comier	Oletskv	4500
104	Coulthurst	Cal. Bldr.	14000
105	Faulkner	Tisher	4500
106	McKallor	Owner	3200
107	Koenig	Nichols	3850
108	Murphy	Owner	3000
109	Pond	Pond	3800
110-11	Pond	Pond	3500
112	Pressler	Owner	5000
113	Rhoer	Robinson	4000
114	Stover	Owner	3200
115	Ackerman	Jensen	1200
116	Anaclerio	Owner	3800
117	Carter	Owner	1900
118-20	Hawley	West	2500
121	Johnson	Justin	6500
122	Knehn	Van Bokkelen	1400
123	MacGregor	Owner	4000
124	Cell	Ungaretti	6500
125	Henning	Henning	5500
126	Hubbard	Owner	6000
127	Leekins	Owner	4500
128	Oakland Sch.	Johnson	18965
129	Crane	Holland	1135
130	Sutton	Bertelsen	1200
131	Buckland	Owner	3000
132	Haig	Rose	1000
133	Piperis	Ortzw	1000
134	Safeway	Austin	86150
135	Tanscott	Wheeler	1500
136	Ghigliotti	Owner	3400
137	Honnert	Quince	3900
138	Kesti	Owner	3750
139	Vedanta	Owner	25000
140	Ferranti	Carper	3300

141-2	Flagg	Owner	5000
143	Marlan	Owner	1500
144	Oakland	Recreation	6000
145	Scammell	Owner	4000
146	Trimlett	Owner	3500
147	Patton	Walker	4800
148	Walker	Owner	6000
149	Anderson	Murphy	5000
150	Cole	Hem	3500
151	Engdol	Owner	1150
152	Enos	Ames & Ames	2800
153	Parmelee	Caskey	8500
154	Storer	Ginsburg	5000
155	Van Ness	Owner	3400

GYMNASIUM
(99) 1708 HARMON, BERKELEY.
One-story, 1-room gymnasium.
Owner—Golden Gate Academy, 1709
Alcatraz.
Contractor—C. W. Glanty, 6222 Laird,
Oakland.
Architect—Not given. \$1500

ADDITIONS
(100) 1138 STERLING, BERKELEY.
Additions.
Owner—Emily Huntington, 1138 Ster-
ling.
Contractor—J. F. Altermatt, 239 Tau-
rus, Oakland.
Architect—Not given. \$3000

DWELLING
(101) 5980 MAJESTIC AVE., OAK-
LAND. Two-story, 6-room dwell-
ing.
Owner—G. Brady, 3024 Thompson
Ave., Alameda.
Contractor—C. R. Tisher, 6127 Foot-
hill Blvd.
Architect—Not given. \$4500

DWELLING
(102) 2576 LIEMERT BLVD., OAK-
LAND. One-story, 4-room dwell-
ing.
Owner—Fraser M. Cole, Oakland.
Garage, \$200.
Architect—John E. Dinwiddie, 125
Stonewall Road. \$3000

DWELLING
(103) 4659 REINHARDT DRIVE,
OAKLAND. One-story, 5-room
dwelling.
Owner—Frank J. Comier.
Contractor—E. H. Oletzky, 4412 Mas-
terton St.
Architect—Not given. \$4500

APARTMENTS
(104) 25 WHITMORE PLACE, Oak-
land. Two-story, 16-room apart-
ments.
Owner—M. Coulthurst, 364 14th St.
Contractor—California Builders' Co.,
2061 Webster St.
Architect—Not given. \$14,000

DWELLING
(105) 2314 DASHWOOD AVE., OAK-
LAND. Two-story, 6-room dwell-
ing.
Owner—W. R. Faulkner, 2411 64th
Avenue.
Contractor—C. R. Tisher, 6127 Foot-
hill Blvd.
Architect—Not given. \$4500

DWELLING
(106) 1273 16th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner and Builder—H. T. McKallor,
2231 Coloma St.
One-story garage, \$250.
Architect—Not given. \$3200

DWELLING
(107) 3806 ENOS AVE., OAKLAND.
One-story, 5-room frame dwell-
ing.
Owner—Max W. Koenig, 1106 Broad-
way.
Contractor—Leo. L. Nichols, 3800
Enos Ave.
Architect—Not given. \$3950

- DWELLING**
(108) 1114 76th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner and Builder—J. J. Murphy,
4001 Laguna.
Architect—L. F. Hyde, 394 Jayne.
Garage, \$150. \$3000
- DWELLING**
(109) 3306 66th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—Josephine K. Pond, 1056 Ard-
more.
Contractor—C. P. Pond, 1056 Ard-
more.
Architect—F. H. Slocombe, Pied-
mont. \$3000
- DWELLING**
(110) 3300 66th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—Josephine K. Pond, 1056 Ard-
more.
Contractor—C. P. Pond, 1056 Ard-
more.
Architect—F. H. Slocombe, Pied-
mont. \$3500
- DWELLING**
(111) 3314 66th AVE., OAKLAND.
One-story, 5-room dwelling.
Owner—Josephine K. Pond, 1056 Ard-
more.
Contractor—C. P. Pond, 1056 Ard-
more.
Architect—F. H. Slocombe, Piedmont.
\$3500
- DWELLING**
(112) 3121 HYDE ST., OAKLAND.
One-story, 6-room dwelling.
Owner and Builder—Walter Press-
ler, 1419 Excelsior Ave.
Architect—Not given. \$5000
- DWELLING**
(113) 6225 BROOKSIDE AVENUE,
OAKLAND. One-story, 5-room
dwelling.
Owner—Mr. and Mrs. Howard Rhoer,
415 Perkins St.
Contractor—Robinson & Sons, 1241
53rd Ave.
Architect—Not given. \$4000
- DWELLING**
(114) 2714 OLIVER AVE., OAK-
LAND. One-story, 5-room dwell-
ing.
Owner and Builder—Guy H. Stover,
10000 Burr St.
Architect—Not given. \$3200
- ALTERATIONS**
(115) 2063 OAKLAND AVE., PIED-
MONT. Alterations.
Owner—F. W. Ackerman, 2063 Oak-
land Avenue.
Contractor—G. P. W. Jensen & Son,
320 Market St., San Francisco.
Architect—W. D. Peugh, San Fran-
cisco. \$1200
- DWELLING**
(116) 2221 BROWNING ST., BER-
KELEY. One-story 5-room frame
dwelling and garage.
Owner & Builder—Albert and Phyl-
lis Anaclero, 2202 Browning.
Architect—Not Given. \$3,800
- ALTERATIONS**
(117) 2 MESA AVE., PIEDMONT.
Alterations.
Owner & Contractor—Morris B. Car-
ter, 240 Bonita Avenue.
Architect—Not Given. \$1,900
- DWELLING**
(118) 998 JONES ST., BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner — Stuart Hawley, Financial
Center Bldg., Oakland.
Contractor—Western Const. Co., 219
Richfield Bldg., Oakland.
Architect—Not Given. \$2,500
- DWELLING**
(119) 1559 NINTH ST., BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner — Stuart Hawley, Financial
Center Bldg., Oakland.
Contractor — Western Construction
Co., Richfield Bldg., Oakland.
Architect—Not Given. \$2,500
- DWELLING**
(120) 1570 NINTH ST., BERKELEY.
One-story 5-room frame dwelling
and garage.
Owner — Stuart Hawley, Financial
Center Bldg., Oakland.
Contractor — Western Construction
Co., Richfield Bldg., Oakland.
Architect—Not Given. \$2,500
- DWELLING**
(121) 105 MACKINNON ST., PIED-
MONT. Two-story 6-room dwell-
ing and garage.
Owner—Everett I. Johnson, 104 Mag-
nolia Avenue.
Contractor—N. F. Justin, 2206 Clin-
ton Ave., Alameda.
Architect—Not Given. \$6,500
- REPAIRS**
(122) 1819 FIFTH ST., BERKELEY.
Repair fire damage.
Owner—Koehn, 1821 5th St.
Contractor—W. K. Van Bokkelen, 439
23rd St., Oakland.
Architect—Not Given. \$1,400
- DWELLING**
(123) 510 POMONA AVE., ALBANY.
1½-story 6-room frame dwelling.
Owner and Builder—C. M. MacGregor,
1391 Solano Ave.
Architect—Not Given. \$4,000
- DWELLING**
(124) 1900 MELVIN ROAD, OAK-
LAND. One-story 5-room dwell-
ing.
Owner—B. Celli, Jr., Oakland.
Contractor—Chas. Ungaretti & Son,
1727 Foothill Blvd.
Architect—Ray Keefer, 585 Mandana
Blvd. \$6,500
- DWELLING**
(125) 32 LODGE COURT, OAKLAND.
One-story 6-room dwelling.
Owner—Mia M. Henning, 1 Home Pl.
Contractor—K. J. Hennings, 1 Home
Place.
Architect—Not Given. \$5,500
- DWELLING**
(126) 35 TEMPLAR PL., OAKLAND.
One-story 6-room dwelling.
Owner—F. J. Hubbard, 5412 Proctor
Avenue.
Architect—Not Given. \$6,000
- DWELLING**
(127) 230 GLENWOOD GLADE,
OAKLAND. One-story five-room
dwelling.
Owner and Builder—C. W. Leekins,
6054 La Salle.
Architect—Not Given. \$4,500
- RECONSTRUCTION**
(128) 9736 LAWLOR ST., OAKLAND.
Reconstruction of school build-
ing.
Owner—Oakland School District, 1025
Second Avenue.
Contractor—S. G. Johnson, 4652 Do-
lores Avenue.
Plans by Dept. of Architecture and
Engineering, 1025 2nd Avenue.
\$18,965
- ALTERATIONS**
(129) 1353 CHANNING WAY, BER-
KELEY. Alterations.
Owner—Chas. Crase, premises.
Contractor—The Holland Co., 1226
E 14th St., Oakland.
Architect—Not Given. \$1,135
- ALTERATIONS**
(130) 2301 PROSPECT, BERKELEY.
Alterations.
Owner—Maud Sutton, premises.
Contractor—S. J. Bertelsen, 30 Es-
trelda Ave., Piedmont.
Architect—Not Given. \$1,200
- DWELLING**
(131) 2400 107th AVE., OAKLAND.
One-story 5-room dwelling.
Owner and Builder—Nelson J. Buck-
land, 1735 65th Avenue.
Architect—Not Given. \$3,000
One-story garage, \$200.
- REPAIRS**
(132) 3242 E 12th St., OAKLAND.
Fire repairs.
Owner—Catherine Haig, 3503 San Le-
andro Blvd.
Contractor—W. A. Rose, 478 25th St.
Architect—Not Given. \$1,000
- ADDITION**
(133) 3845 HOPKINS Street, OAK-
LAND. Addition.
Owner—S. Piperis, 132 Olive, Oak-
mont.
Contractor—Shale Ortzow, 344 13th
Street.
Architect—Not Given. \$1,000
- WAREHOUSE**
(134) SW CORNER ALAMEDA and
High Sts., OAKLAND. One-story
concrete warehouse.
Owner—Safeway Stores, Inc., Fourth
and Jackson Streets.
Contractor—The Austin Co., 1001 Ray
Building.
Architect—Not Given. \$86,150
- ALTERATIONS**
(135) 420 19th ST., OAKLAND. Al-
terations.
Owner—E. N. Tapscott, Tapscott
Bldg.
Contractor—W. J. Wheeler, 4001 Els-
ton Avenue.
Architect—Not Given. \$1,500
- DWELLING**
(136) 1144 GARFIELD, ALBANY.
One-story, 5-room frame dwell-
ing.
Owner and Builder—Louis Ghigliotti,
5165 Coronado Ave.
Architect—Not given. \$3400
- DWELLING**
(137) 717 ADAMS, ALBANY. One-
story, 5-room frame dwelling.
Owner—Mrs. Henry Honnert, 1046
Orday.
Contractor—A. G. Quince.
Architect—Not given. \$3900
- DWELLING**
(138) 1105 NELSON ALBANY. One-
story, 5-room frame dwelling.
Owner and Builder—David Kestl, 2217
Browning.
Architect—Not given. \$3750
- CHURCH**
(139) 2604 HASTE, BERKELEY.
One-story, 9-room church.
Owner and Builder—Vedanta Society,
2963 Webster St.
Architect—H. H. Gutterson, 526
Powell St., San Francisco.
\$25,000
- DWELLING**
(140) 9870 OLIVE ST., OAKLAND.
One-story, 5-room dwelling.
Owner—L. J. Ferranti, 671 8th St.
Contractor—O. D. Carper, 3118 Cham-
pion St.
Architect—Not given. \$3900
- DWELLING**
(141) 4717 HARBOR DRIVE, Oak-
land. Two-story, 6-room dwell-
ing.
Owner and Builder—John S. Flagg,
3450 Morcom Ave.
Architect—Not given. \$5000

DWELLING
 (143) 4717 HARBORD DRIVE, Oakland. Two-story, 6-room dwelling.
 Owner and Builder—John S. Flagg, 3450 Morcom Ave.
 Architect—Not given. \$5000

ALTERATIONS
 (143) 3233 WISCONSIN ST., OAKLAND. Alter and addition.
 Owner and Builder—A. D. Marlan, 1768 Clemens Road.
 Architect—F. H. Slocombe, 131 Monte Cresta Ave. 01500

FIELD HOUSE
 (144) N. MORAGA AVE., W Inter Bruso Drive, Oakland. One-story field house.
 Owner—City of Oakland, City Hall.
 Contractor—Recreation Dept., City Hall.
 Architect—Not given. \$6000

DWELLINGS (5)
 (145) 1546, 1533, 1558, 1571, 1582 76th AVE., OAKLAND. Five (5) 1-story, 5-room dwellings.
 Owner and Builder—J. W. Scammell, 494 Scenic Ave., Piedmont.
 Architect—Not given. \$4000 ea.

DWELLING
 (146) 6132 MAJESTIC AVE., OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—Robert Trimlett, 1068 Manthey Ave., San Leandro.
 Architect—Not given. \$3500

DWELLING
 (147) 1054 GRIZZLY PEAK, BERKELEY. Two-story, 5-rm. frame dwelling and garage.
 Owner—W. Patton, 401 Spruce.
 Contractor—J. M. Walker, 401 Spruce.
 Architect—Not given. \$4800

DWELLING
 (148) 1080 GRIZZLY PEAK, BERKELEY. One-story, 5-rm. frame dwelling and garage.
 Owner and Builder—J. M. Walker, 401 Spruce.
 Architect—Not given. \$6000

DWELLING
 (149) 7112 SNAKE ROAD, OAKLAND. One-story, 6-rm. dwelling.
 Owner—E. C. Anderson, 1221 Ordway St., Berkeley.
 Contractor—Wm. J. Murphy, 1029 Pomona St., Berkeley.
 Architect—Not given. \$5000

DWELLING
 (150) 935 AQUARIUS WAY, OAKLAND. Two-story, 5-rm. dwelling.
 Owner—Ralph Cole, 2708 14th Ave.
 Contractor—John F. Hem, 415 North Street.
 One-story garage, \$500.
 Architect—Not given. \$3500

ADDITION
 (151) 1407 70th AVE., OAKLAND.
 Addition.
 Owner—O. Engdol, 1572 80th Ave.
 Architect—Not given. \$1150

DWELLING
 (152) 3311 RUBIN DRIVE, OAKLAND. One-story, 3-rm. dwelling.
 Owner—M. F. Enos, 514 Peralta Apts.
 Contractor—Ames & Ames, 655 Chetwood St.
 Architect—Not given. \$2800

DWELLING
 (153) 2300 BYWOOD DRIVE, OAKLAND. Two-story, 8-rm. dwelling.
 Owner—James G. Parmelee, 2024 5th Avenue.

Contractor—H. T. Caskey, 4215 Carson Street.
 Architect—Irwin M. Johnson, 2219 7th Avenue. \$5500

DWELLING
 (154) 6208 CHELTON DRIVE, OAKLAND. One-story, 5-rm. dwelling.
 Owner—Helen Storer, 2061 Webster Street.
 Contractor—Bernard S. Ginsburg, 2061 Webster St.
 Architect—Not given. \$5000

DWELLING
 (155) 3333 COLUMBIAN DRIVE, OAKLAND. One-story, 5-room dwelling.
 Owner and Builder—Elvin Van Ness, 4920 Park Blvd.
 Architect—Not given. \$3400

**BUILDING CONTRACTS
 SAN FRANCISCO COUNTY**

6 Japanese Ass'n Central 20000
 7 R. C. Archbishop Cahill 116937
 8 Union Oil Aetna 2995
 9 Page Moore 7062

ELECTRIC WORK
 (6) YERBA BUENA SHOALS. Elec. work on Nippon Pavilion.
 Owner—Japan Ass'n for New York-San Francisco International Exposition.
 Architect—Gentopp Shlmamoto.
 Contractor—Central Electric Co., 179 Minna Street.

Filed Jan. 23 '39. Dated Jan. 18, '39.
 Each week 75%
 15 days after 25%
TOTAL, \$20,000
 Bond, \$20,000. Sureties, Inland Bonding Co.

SCHOOL BUILDING
 (7) SW JULES and De Monteford Ave. Three-story reinforcement concrete school building.
 Owner—R. C. Archbishop of San Francisco, 1100 Franklin St.
 Architect—John J. Foley, 770 Fifth Avenue.

Contractor—Cahill Bros., 206 Sansome Street.
 Filed Jan. 24, '39. Dated Dec. 29, '39.
 Each month 75%
 Usual 35 days 25%
TOTAL, \$116,937
 Bond, \$116,937. Sureties, U. S. Guarantee Co. Limit, 130 days. Plans and specifications filed.

SERVICE STATION
 (8) 19th and SANTIAGO ST. Construct service station No. 612.
 Owner—Union Oil Co. of Calif.
 Contractor—Aetna Construction Co., 1730 24th Ave.

Filed Jan. 24 '39. Dated Jan. 20, '39.
 Completion 75%
 Usual 35 days 25%
TOTAL, \$2,995
 Bond, \$2,995. Sureties, United States Guarantee Co. Plans and specifications filed.

ALTERATIONS
 (9) 2759-63 FILBERT STREET. Alter dwelling.
 Owner—John R. and Lilla J. Page.
 Architect—Edward E. Page, 251 Kearny St.
 Contractor—Moore and Madsen, 577 Market St.

Filed Jan. 25, '39. Dated Jan. 23, '39.
 Each month 75%
 Usual 35 days 25%
TOTAL, \$7062
 Bond, \$7,062. Sureties, Fireman's Fund Indemnity Co. Limit, 70 days. Plans and specifications filed.

**SAN FRANCISCO COUNTY
 PERMITS UNDER \$1,000**

BILLBOARD, \$7; N Geary 102 E Laguna; owner and contractor, Foster & Kleiser Co., 1675 Eddy. ALTER store, \$175; 450 Front St.; owner, Nick Delis, premises. SIGN, electric, \$20; 440 Geary St.; owner, Hotel Somerton, prem.; contractor, Novelty Elec. Sign Co., 159 South Park. SIGN, electric, \$100; 835 Market St.; owner, The Emporium, premises; contractor, Novelty Electric Sign Co., 159 South Park.

FLUE, \$15; 12 Godeus St.; owner, A. Vogel, premises; contractor, Carver-Niles Co., 1001 Clement St. FLUE, \$24; 3115 San Jose Ave.; owner, Pietro A. Dinossan, premises; contractor, Carl Downall, 6084 Mission St.

ALTER dwelling, \$100; SW Green and Pierce Sts.; owner, W. Kaplan, premises; contractor, H. S. Meinberger, 956 Folsom St. TERENCE repairs, \$175; 100 Eucalyptus Rd.; Oakland; owner, Col. A. Rogers, 2818 Prince St., Berkeley; contractor, Bay Cities Termite Control Co., 3723 Telegraph.

ALTERATIONS, \$205; 814 Linden, Oakland; owner, Rich. Graves, 2504 Dana St., Berkeley. ALTERATIONS, \$500; 1614 72nd Ave. Oakland; owner, Karl Trepke; contractor, Bay Cities Asbestos Co., 8th Ave. and E 12th St.

GARAGE, private, \$85.00; 1430 13th Ave.; owner, O. F. Frederick, 1430 13th St. RE-ROOF, \$70; 7409 Holliday St., Oakland; owner, M. L. Blaine, premises; contractor, Elliott and Elliott Co., 770 22nd St.

RE-ROOF, \$120; 1261 96th Ave., Oakland; owner, Mr. Asvitt, 1535 67th Ave.; contractor, Camisia Bros. Roofing Co., 1217 Central Ave., Alameda.

SIGN, metal, \$25; 430 10th St., Oakland; owner, Alta Freight and Transfer; contractor, Bob's Sign Service, 597 19th St. SIGN, electric, \$346; 1445 5th Ave., Oakland; owner, Andker & Petersen; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$312; 6515 Foothill Blvd., Oakland; owner, Hollywood Motel; contractor, Electric Prod. Corp., 950 30th St. SIGN, electric, \$125; 3201 E. 14th St., Oakland; owner, Pacific Greyhound Lines; contractor, Electric Prod. Corp., 950 30th St.

SIGN, metal, \$15; 1601 San Pablo Ave., Oakland; owner, Belfast Beverage Co.; contractor, Bob's Sign Service, 597 19th Street. SIGN, electric, \$300; 2401 Mission St.; owner, Yorkshire Clothes Shop, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$150; 845 Divisadero; owner, Milwaukee Tavern, prem.; contractor, QRS Neon Corp., Ltd, 690 Potrero Ave. SIGN, electric, \$100; 3235 16th St.; owner, Gibson, prem.; contractor, Novelty Elec. Sign Co., 159 South Park.

SIGN, electric, \$100; 3392 26th St.; owner, Terminal Cleaners, prem.; contractor, Novelty Elec. Sign Co., 159 South Park. FLUE, \$15; 219 Miguel St.; owner, M. Smith, premises; contractor, Carver-Niles Co., 1001 Clement.

ALTER metal shop, \$450; 348 Guerrero St.; owner, Percy Sheet Mtl. Works, premises; contractor, L. A. Hinson, 756 4th Ave. SIGN, electric, \$25; 360 Golden Gate Ave.; owner, Don Gilmore, prem.; contractor, Wonderlite Neon Pro. Co., 170 Otis St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- | | |
|---------------------------------|---------------------------------|
| 1.—Apartments | 11.—Ice and Cold Storage Plants |
| 2.—Bonds | 12.—Power Plants |
| 3.—Churches | 13.—Public Buildings |
| 4.—Factories and Warehouses | 14.—Fire Houses and Jails |
| 5.—Flats | 15.—Schools |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Offices |
| 7.—Federal Buildings | 17.—Theatres |
| 8.—Club Buildings | 18.—Wharves & Docks |
| 9.—Hospitals | 19.—Misc. Const. |
| 10.—Hotels | 20.—Misc. Supplies & Etc. |

NOTICE TO SUBSCRIBERS

This is the final issue of Pacific Constructor, the publication having been merged with Daily Pacific Builder.

Now in its forty-ninth year, Daily Pacific Builder provides the same authoritative news of the industry in a more complete form, with the added timeliness made possible by its publication every business day of the year.

1— APARTMENTS

Sub-Contracts Awarded

APARTMENTS Cost, \$.....
STOCKTON, San Joaquin Co., Calif.
Two-story apartment house consisting of five units with built-in garages.

Owner—L. and A. L. Turner.

Architect—Not given.

Contractor—W. M. West, 3130 North Eldorado Street.

Roofing—J. C. Rees, Acorn & Rob-indale.

Plumbing, Heating, and Sheet Metal
—Edward P. Lyons, 1770 East Avenue.

Electric Wiring—Home Wiring Co., 522 E. Washington.

Tile Work—Geo. K. Morrison, Harold & Kamp Ave.

Hardwood Floors—Stockton Hardware Floor Co., 833 E. Lindsay.

Brick and Stone Work and Concrete
—C. H. Miller & Son, Rt. 4, Box 437.

Lumber and Mill Work—Alpine Mill and Mfg. Co., 3411 No. Sutter St.

Hardware—Turner Hardware & Implement Co., P. O. Box 1050.

Painting—Herman Walters, 1232 N. Ophir.

Lathing and Plastering—L. R. Shaw, Mt. Vernon.

All of Stockton. * 1

Sub-Contracts Awarded
APARTMENTS Cost, \$20,000
BURLINGAME, San Mateo Co., Cal.

Two-story concrete apartment bldg. containing three stores and three apartments; wood joists and partitions; part tile and composition roof.

Owner—Withheld.
Architect—Leo Sharps, 1319 Howard Avenue, Sacramento.

Contractor—Oscar L. Cavanagh, 432 Occidental Avenue, San Mateo.

Roofing—Peninsula Roofing Co., 3040

Waverley, Palo Alto.

Plumbing—A. H. Dittman, 1109 California Drive, Burlingame.

Electric Wiring—Zant Electric Shop, 159 2nd Ave., San Mateo.

Heating and Sheet Metal—G. & M. Sheet Metal Works, 504 9th Ave., San Mateo.

Tile Work—Benetti Tile Co., 931 N. Idaho, San Mateo.

Hardwood Floors—Inaid Floor Co., 1213 Shafter, San Mateo.

Iron Grille Work—S. M. Forge, 500 Third St., San Mateo.

Brick and Stone Work—C. Ohran & Sons, 1038 Chula Vista Avenue, Burlingame.

Lumber—San Mateo Planing Mill Co., 501 5th Ave., San Mateo.

Mill Work—Wisnom Lumber Co., 1000 Broadway, Burlingame.

Painting—Alfred Sorenson, 523 Corbitt Drive, Burlingame.

Lathing and Plastering—Paul Venturilli, 943 N. Idaho, San Mateo.

Contract Awarded
ALTERATIONS Cost, \$12,000
SAN JOSE, Santa Clara Co., Calif.

Park Avenue.
Alterations to apartment house.

Owner—R. Ferraro.
Architect—Not given.

Contractor—V. J. Sunzeri, 176 No. 31st Street.

Contract Awarded
APARTMENTS Cost, \$14,000
OAKLAND, Alameda Co., Calif. 25

Whitmore Place.
Two-story frame and stucco apartment house (16 rooms).

Owner—M. Coulturst, 364 14th St.
Architect—Not Given.

Contractor—California Builders Co., 2061 Webster St., Oakland. 1

3— CHURCHES

Preparing Working Drawings
CHURCH ADDITION Cost, \$50,000
OAKLAND, Alameda Co., Calif.

Addition to church building.
Owner—Withheld.

Architect—Chas. W. McCall, 837 Santa Rey Road, Oakland.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded
ADDITION Cost, \$.....
OAKLAND, Alameda Co., Calif. 711

East Eighth Street.
One-story brick addition to warehouse.

Owner—Mrs. F. N. Belgrava.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.

Contractor—The John J. Moore Co., 354 Hobart St., Oakland.

Roofing—General Roofing Co., 3095 Beach Street.

Plumbing—J. A. Fazio, 402 Castro Street.

Electric Wiring—California Electric Co., 1125 Oak St.

Sheet Metal—Tobey Christiansen, 4444 Piedmont Ave.

Glass—East Bay Glass Co., 621-627 6th Street.

Brick and Stone Work—Sherratt Bros., 1503 Santa Clara Avenue, Alameda.

Grading—Knapp-Ariss Co., 961 41st Street.

Lumber—E. K. Wood Lumber Co., Frederick & King.

Hardware—Maxwell Hardware Co., 1320 Washington.

Painting—Turgeon Painting Co., 2059 Webster Street.

Lathing & Plastering—Wm. Makin, 2141 Livingston St.

Concrete—Not Lona, 1174 19th Street.

Steel Rolling Doors—Acme Partitions Co., Inc., 3535 Peralta St.

Linoleum—Rigney Tile Co., 3012 Harrison St.

All of Oakland unless otherwise noted.

Contract Awarded
WAREHOUSE Cost, \$86,150
OAKLAND, Alameda Co., Calif. SW corner Alameda and High St.

One-story concrete warehouse.
Owner—Safeway Stores, Inc., Fourth and Jackson Sts., Oakland.

Architect—Not Given.
Contractor—The Austin Co., 1001 Ray Bldg., Oakland.

Plans Being Figured—Bids Close
February 3, 10 A. M.
APARTMENTS Cost, \$.....

SACRAMENTO, Calif. 24th and "N" Streets.

Two-story frame and stucco apartment house to contain 16 apartments (composition roof, gas fired heating system, steel sash, hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—Herbert Goodpastor, Mitaun Bldg., Sacramento.

Following selected list of contractors are figuring plans:

C. C. Ruby, 4500 T St., Sacramento.
Lawrence Const. Co., 2574 18th St., Sacramento.

H. W. Robertson, 3004 F St., Sacramento.

L. F. Gould, 1623 O St., Sacramento.
N. H. Lund, 2241 Ninth Ave., Sacramento.

Chas. F. Unger, 2426 Seventh Ave., Sacramento.

6— GARAGES & SERVICE STATIONS

Plans Being Figured
SERVICE STATION
LARKSPUR, Marin Co., Calif.

Gasoline service station.
Owner—Standard Oil Company.

Plans by Engr. Dept. of Owner.
Plans are being figured by a selected list of contractors.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—

Wm. P. Nell Co., 4814 Loma Vista Ave., Los Angeles, awarded general contract for construction of a bus shed and a train shed in Bakersfield for the Santa Fe Railway.

Soule Steel Co., 6200 Wilmington Ave., Los Angeles, has the contract for fabricating and erecting structural steel for the project. The bus shed will be 40x150 ft. in area and the train shed will be 364 ft. in length; cost \$16,000.

Work will start Jan. 30. Plans were prepared by the architectural department of the Santa Fe, Kerckhoff Building, Los Angeles. 6

Planned
SERVICE STATION
SAN FRANCISCO, 22nd Ave. and Irving Street.

Construction of new gasoline service station.

Owner—Shell Oil Company of Calif. Plans by Eng. Dept. of Owner.

Planned ALTERATIONS
SAN JOSE, Santa Clara Co., Calif., San Carlos and Wabash Streets, Burbank Addition.
 Rebuild present gasoline service station.
 Owner—Shell Oil Company of Calif. Plans by Eng. Dept. of Owner.

Planned SERVICE STATION
REDWOOD CITY, San Mateo Co., Calif. Brewster and Bayshore Blvd.
 Construction of new gasoline service station.
 Owner—Withheld.
 Lessee—Shell Oil Company.
 Plans by Eng. Dept. of Lessee.

7— FEDERAL BUILDINGS

LOW BIDDERS
WASHINGTON, D. C.—R. W. Kallenbach Corp., Bedford, Ohio, at \$495,000 for all cranes submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for four 50-ton traveling lift cranes, one gasoline-electric and the others diesel-electric operated, at the Navy Yards, Boston, Phila., Mare Island and Puget Sound. Spec. No. 9003.

Two low bids were:
 R. W. Kallenbach Corp., Bedford, Ohio, (all cranes) \$495,000 (Mare Island) \$130,500 (Puget Sound) \$167,000 (Puget Sound and Mare Island) \$290,000.

Star Iron & Steel Co., Tacoma, Wash. (Mare Island) \$132,900 (Puget Sound) \$146,900 (Puget Sound and Mare Island) \$274,200.

CONTRACT AWARDED
LOS ANGELES, Calif.—Raymond Concrete Pipe Co., Washington Bldg., has been awarded a contract by Sarver & Zoss, general contractors, at \$150,600, for 3307 reinf. concrete piles, in place, for the U. S. Parcel Post Bldg., (Post Office Terminal Annex) under construction at Alameda and Masy Streets. Other bids were: Tobias Construction Co., \$180,600.75; Maceo Construction Co., \$186,349.45; Pacific Crane & Riggins Co., \$225 per lin. ft. * 7

LOW BIDDERS
MARE ISLAND, Solano Co., Cal.—K. E. Parker Co., 135 South Park, San Francisco, at \$212,288 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the superstructure for the foundry building at the Navy Yard, Mare Island; Spec. 9062.

The building will be approximately 180 feet wide by 408 feet long, and will include earthwork; concrete work; miscellaneous steel and iron; roofing; sheet metal work and membrane waterproofing; metal windows and doors; carpentry and woodwork; hardware; glazing; painting and roof drainage system.

Bids were received with an alternate deduction for asbestos protected metal roof ventilators in lieu of copper.

The three low bids follow:
 K. E. Parker Co., San Francisco, \$212,288; (1) \$7521.
 MacDonald & Kahn Co., Ltd., San Francisco, \$216,612; (1)
 De Luca & Son, Inc., San Francisco, \$218,700; (1) \$9,600.

MATERIALS APPROVED
CANOGA PARK, Los Angeles Co., Cal.—Treasury Dept., Washington, D. C., approved the following equipment and materials for construction of the

U. S. P. at Canoga Park; Campbell Construction Co., contractor; Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Sunroc Spring Water Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Johns-Manville Corp.; sump pump, Chicago Pump Co.; boiler and tube radiators, American Radiator Co.; wall radiators, American Radiator Co.; nonconducting covering for heating, Johns-Manville Corp.; angle radiator valves, Ohio Pattern Works & Fdry. Co.; air valves for radiators and air valves for ends of steam mains, American Radiator Co.; panelboards, Mullenbach Elec. Mfg. Co.; main switch, Bulldog Elec. Prod. Co.; rubber covered wire, Crescent Insulated Wire & Cable Co.; receptacles and flush switches, Arrow-Hart & Hege-man Elec. Co.; pendant switches, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Wakefield Brass Co. 7

BIDS WANTED
HAMILTON FIELD, Marin County, Calif.—Until Feb. 21, 10:00 A.M., bids will be received by the War Department, Office of the Constructing Quartermaster, San Francisco & Vicinity, Fort Mason, Calif., for construction and completion of control tower on the roof of A.C. operations hangar at Hamilton Field, Calif.

Plans may be obtained from the above office upon deposit of \$10 certified check payable to Finance Officer, Fort Mason, Calif.

BIDS WANTED
GRASS VALLEY, Nevada Co., Cal.—Until February 7, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for changes in the U. S. P. O. at Grass Valley. 7

BID CALL WITHDRAWN
SAN FRANCISCO.—Procurement Division, Public Buildings Branch, Washington, D. C., has withdrawn a call for bids, scheduled to open February 14, for miscellaneous exterior and interior repairs at the U. S. Marine Hospital, San Francisco. 7

BIDS REJECTED
FITZSIMMONS, Colo.—Army Department, Quartermaster Construction Division, Washington, D. C., rejected all bids received for construction and completion of Air Conditioning Equipment in the Fitzsimmons General Hospital, Fitzsimmons, Colo. 7

BIDS OPENED
SANTA MONICA, L. A. Co., Calif.—James I Barnes Construction Co., Builders' Exchange Building, Santa Monica, at \$5,260, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior stucco, etc., for the U. S. P. O., Santa Monica.
 Only other bid submitted by South Western Plastering Co., Willowbrook, at \$5,700. 7

Correction—Bids Wanted
 To Close Feb. 17, 1 P. M.
POSTOFFICE Est. Cost, \$80,000
HONOLULU, T. H.
 Construction of one-story reinforced concrete U. S. P. O., Schofield Barracks Branch.
 Owner—United States Government.
 Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
 Plans and specifications obtainable from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

Opening date (previously reported in error), postponed from Feb. 3.

BIDS REJECTED
SANTA MONICA, L. A. Co., Calif.—Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids received for furnishing and installing corrosion resisting steel gate at the U. S. P. O., Santa Monica.

Plans will be revised and work re-advertised. 7

BIDS WANTED
SAN LUIS OBISPO, Calif.—Until Feb. 8, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for msc. exterior and interior repairs and painting, in the U. S. P. O., at San Luis Obispo. 7

BIDS OPENED
YERBA BUENA SHOALS.—Lloyd O'Brien, 369 Pine Street, San Francisco, at \$4,382, submitted low bid to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for cabinet work on Indian Exhibit for the Federal Bldg., Yerba Buena Shoals.

Complete bids were:
 Lloyd O'Brien \$3,382.00
 Barrett & Hilp 4,232.60
 George A. Fuller Co. 5,200.00
 Louis C. Dunn, Inc. 6,746.00

CONTRACT AWARDED
YERBA BUENA SHOALS.—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco, at \$1,724, awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for finishing interior painting in the Federal Bldg., Yerba Buena Shoals.

SUB-CONTRACT AWARDED
YERBA BUENA SHOALS.—Barrett & Hilp, 918 Harrison Street, San Francisco, awarded the following sub contract for construction of Terrarium exhibit, Federal Bldg., Yerba Buena Shoals:
 Railing—Sartorius Co., 2530 18th St., San Francisco. 7

BIDS OPENED
YERBA BUENA SHOALS.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at \$2,276 submitted only bid to the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush Street, San Francisco, for electrical work for the Terrarium exhibit, Federal Bldg., Yerba Buena Shoals.
 Bid held under advisement. *

CONTRACT AWARDED
SAN FRANCISCO.—Price Bros., Inc., Chicago, Ill., at \$260, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for illuminated directional signs at the Federal Office Building, San Francisco. 7

BIDS WANTED
GRASS VALLEY, Nevada Co., Cal.—As previously reported, until Feb. 7, 10:00 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for changes in Post Office Screen, etc., at the U. S. P. O., Grass Valley.

Specifications and drawings (if any) may be obtained from the above office and from the Custodian of the Building, at Grass Valley.

BIDS WANTED

TOPPENSIS, Wash.—Until Feb. 9, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for concrete floor and waterproofing at the U. S. P. O., Toppenish, Wash.

Drawings and specifications may be obtained from the above office and from the Custodian of the building, at Toppenish.

CONTRACT AWARDED

LONG BEACH, Cal.—A. J. Bayer Co., 2300 E. Slauson Ave., Los Angeles, at \$979,000 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal partitions, lavatory, etc., at the U. S. P. O. at Long Beach. 7

BIDS WANTED

LIVERSIDE, Riverside Co., Calif.—Until Feb. 17, 1 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing one electric freight elevator in the U. S. P. O., etc., at Riverside.

Specifications and drawings (if any) may be obtained from above office. No deposit required.

Bids Wanted—To Close February 9, 3 P. M.

CAMP Cost Approx. \$50,000
NEVADA COUNTY, Cal. Upper Narrows Debris Control Dam Site on Yuba River, approx. 25 miles east of Marysville.

(1) The construction of government camp buildings, including plumbing and electrical work, as follows: four frame dwellings; one unit of two frame bunkhouses A and B with one frame bath house and connecting passageways; one unit of two frame bunkhouses C and D with one frame bath house and connecting passageways, if required; one frame mess hall and kitchen; one frame hospital and laundry building; one frame hospital building; one from garage bldg.;

(2) Furnishing and installing electric water heaters;

(3) Constructing a camp access rd.;

(4) Furnishing and installing a water supply system and a sewer system serving the camp.

All work included in one contract. Owner—United States Government. Plans by U. S. Engineer Office, Rm. 208, Post Office Bldg., Sacramento. Plans and specifications will be obtainable upon deposit of \$5. The items are:

- (1) 4 each, frame dwellings;
- (2) one-unit of two frame bunkhouses A and B, with frame bath house and connecting passageways;
- (3) one-unit of two frame bunkhouses C and D, with frame bath house and connecting passageways, if required;
- (4) 1 each, frame messhall and kitchen;
- (5) 1 each, frame garage and laundry building;
- (6) 1 each, frame hospital building;
- (7) 1 each frame garage building;
- (8) Furnish and install one 4,000-gal. redwood domestic supply tank and construct foundation;
- (9) furnish and install one chlorinator;
- (10) furnish and install one filter;
- (11) 950 lf. furnish and lay 4-inch dia. casing pipe;
- (12) 750 lf. furnish and lay 2½-in. dia. steel pipe for distribution system;
- (13) 125 lf. furnish and lay 2-inch dia. steel pipe;
- (14) 230 lf. furnish and lay ¾-inch dia. steel pipe;
- (15) 4 each, furnish and install fire hydrants;

- (16) 900 c.y. grading and excavating site;
- (17) 680 lf. furnish and laying 6-in. dia. vitrified clay sewer pipe;
- (18) 460 lf. furnish and lay 8-inch dia. vitrified clay sewer pipe;
- (19) 440 lf. furnish and lay 10-inch dia. vitrified clay sewer pipe;
- (20) furnish and install one steel septic tank and construct dry well;
- (21) five each, furnish and install 4-ft. dia. concrete manholes with frames and closed covers;
- (22) 1500 c.y. roadway excav., camp access road;
- (23) 65 lf. furnish and install 12-in. dia. corr. iron pipe culverts, with necessary band couplers;
- (24) 55 lf. furnish and install 24-in. dia. corr. iron pipe culverts, with necessary band couplers;
- (25) 125 c.y. furnish and place road gravel;
- (26) 2200 sq. yds. road mix oil surface treatment for camp access road;
- (27) furnish and install 20,000 gal. redwood storage tank and construct foundation.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Industrial Piping and Engineering Company, Baltimore, Md., at \$297,590 (item 1) awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for four 600-lb. oil-fired boilers, settings, air preheaters, draft fans, oil burners, structural supports, boiler appurtenances, and combustion control at the Navy Yard, Pearl Harbor, T. H.; Spec. No. 9074. Bids were evaluated for efficiency and award made accordingly.

Complete bids were:
Edgemoor Iron Works, Edgemoor, Delaware (1) \$288,157 (2) \$280,745.
Industrial Piping & Engrg. Co., Baltimore, Md., (1) \$297,590 (2) —.
Riley Stoker Co., Worcester, Mass., (1) \$320,490 (2) \$307,220.
Robert L. Johnson Co., San Francisco, (1) \$322,607 (2) —.
C. C. Moore Co., San Francisco, (1) \$368,200 (2) \$347,500.

Foster Wheeler Corp., N. Y., (1) \$340,250 (2) \$337,050.
A. Wilson & Co., N. Y. C., (1) \$336,816 (2) \$318,437.

BIDS OPENED

KODIAK, Alaska—James J. Berry, Juneau, A.aska, at \$8,700, submitted low bid to the Department of the Interior, Indian Service, Washington, D. C., for construction of nurses' quarters and dispensary building at Kodiak.

Other bids were:
J. P. Warrack Co., Seattle, Washington \$13,731
James & Carewa Co., Portland, Ore. \$4,832 7

BIDS WANTED

SAN FRANCISCO—Until Feb. 10, 10:00 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for installation of floodlights and for construction of misc. approach work at the U. S. Mint at San Francisco.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at San Francisco. No deposit required.

BIDS WANTED

PEARL HARBOR, T. H.—Bids are now being received (no opening date set), by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for condensers at the

Navy Yard, Pearl Harbor, T. H., Spec. No. 9074.

Specifications may be obtained from the above office.

BIDS WANTED

PUGET SOUND, Wash.—Bids are now being received (no opening date set), by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for motor-driven pumps, piping, plumbing and air-conditioning apparatus at Dry Dock, Navy Yard, Puget Sound, Washington; Spec. 8970.

Specifications may be obtained from the above office.

Site Selected
LABORATORY
ALBANY, Alameda Co., Calif. Buchanan St.

Three-story and basement cross-processing laboratory containing 300 separate laboratories, with overall space of 120,000 sq. ft.

Owner—United States Dept. of Agriculture.

Government engineers will call for bids for diamond drilling of site to determine depth of bedrock.

MATERIALS APPROVED

LOS ANGELES, Los Angeles Co., Calif.—Treasury Department, approved the following equipment and materials for construction of the terminal annex, post office at Los Angeles; Sarver & Zoss, contractors; Plumbing fixtures, standard Sanitary Mfg. Co.; brass water pipe, Am. Brass Co.; relief valve for hot water tank, Mueller Co.; back water valves, Josam Mfg. Co.; non-conducting covering for plumbing, Johns-Manville Co.; sump pumps, Chicago Pump Co.; hot water circulating pump and drinking water circulating pump, Gould Pumps; boilers, Kewanee Boiler Co.; wall radiators, Am. Radiator Co.; tube radiators, Am. Radiator Co.; angle radiator valves, mechanical traps, combination traps and thermostatic traps, Warren-Webster Co.; automatic temperature regulator for ventilation, Barber-Colman Co.; electric controllers for house and fire pump motors, Cutler-Hammer Co.; fans, B. F. Sturtevant Co.; fan blast radiation, Aeroform Corp.; air filters, Independent Air Filter Co.; power distribution panels, Westinghouse Electric and Mfg. Co.; rubber covered wire, General Cable Co.; underfloor duct system, General Elec. Co.; fire alarm system, Signal Engrg. Co.; clock system, Standard Elec. Time Co.; glassware, Corning Glass, Macbath-Evans Div.; flush switches, Bryant Electric Co. 7

BIDS WANTED

BOISE, Idaho—Until Feb. 28, 1:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Building, Washington, D. C., for providing, installing and finishing complete Booster Pumps, at Veterans Administration Facility, Boise, Idaho.

Specifications may be obtained from the above office or from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, Calif. No deposit required.

MATERIALS APPROVED

LOS BANOS, Merced Co., Calif.—Treasury Dept., has approved following equipment and materials awards for construction of the U. S. P. O. at Los Banos; L. F. Dow Co., contractor; Furnace, Fraser & Johnston Co.; blower, W. R. Ames Co.; controls and safety devices for gas burners—

pilot lights, General Controls; gas pressure governor, H-M Thermo Control Co.; main gas valve, limit switch, duct type thermostat, room thermostat, damper motors, and gas shut-off valve, Minneapolis - Honeywell Regulator Co.; time switch, Sanga-mo Elec. Co.; main switch panel board and safety switch, Cutler-Hammer; receptacles and flush switches, Arrow-Hart & Hegeman Elec. Co.; rubber covered wire, U. S. Rubber Products. 7

BIDS WANTED

SAN FERNANDO, Los Angeles Co., Calif.—Until Feb. 21, 1:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Building, Washington, D. C., for Drilling Test Well at Veterans Administration Facility, San Fernando, Calif.

Specifications may be obtained from the above office or from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, Calif. No deposit required.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Lloyd O'Brien, 369 Pine Street, San Francisco, at \$4,362, awarded contract by the U. S. Golden Gate International Exposition Commission, Geo. Creel, Commissioner, 200 Bush St., San Francisco for cabinet work on Indian Exhibit for the Federal Bldg., Yerba Buena Shoals.

BIDS REJECTED

SANTA MONICA, Los Angeles Co., Calif.—Procurement Division, Public Buildings Branch, Washington, D.C., rejected all bids received for exterior stucco, etc., for the U. S. P. O., Santa Monica.

Low bid was submitted by James I. Barnes Construction Co., Builders' Exchange Building, Santa Monica, at \$5,260. 7

CONTRACT AWARDED

YERBA BUENA SHOALS.—Alta Electric & Mechanical Co., Inc., 427 O'Farrell St., San Francisco, at \$6,276, awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush Street, San Francisco, for electrical work for the Terrarium exhibit, Federal Bldg., Yerba Buena Shoals.

CONTRACT AWARDED

YERBA BUENA SHOALS.—J. L. Stuart Mfg. Co., 37 Front St., San Francisco, at \$2,667, submitted low bid and was awarded contract by the U. S. Golden Gate International Exposition Commission, George Creel, Commissioner, 200 Bush St., San Francisco, for cloth wall and ceiling treatment, National Defense Exhibit, Yerba Buena Shoals.

Only other bid submitted by A. W. Brampton, at \$2,842.

BIDS OPENED

KETCHIKAN, Alaska. — Western Wire & Iron Works, Chicago, Ill., at \$298, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for grilles for detention windows and skylights at the U. S. P. O., Court House, Custom House and Jail at Ketchikan, Alaska.

Other bids were:
 Western Fence & Wire Works, Portland, Ore. \$418.20
 Kentucky Metal Products Co., Louisville, Ky. 472.00
 Novelty Orn. Iron & Wire Works, Inc., Seattle 673.00
 Ben Herz Iron & Wire Works, Seattle 1,180.00

9— HOSPITALS

BIDS OPENED

SAN FRANCISCO.—Miller Constr. Co., 3917 Mission St., at \$597 submitted low bid to the Department of Public Works, Room 251, City Hall, for alterations to the maternity and psychopathic building at San Francisco Hospital.

Only other bid submitted by De Luca & Son, Inc., at \$659, (1401) 1st rep. Jan. 19, 1939. * 9

Receiving Grading Bids

HOSPITAL Cost, \$.....
SAN FRANCISCO, NE California and Maple Streets.

Four-story L-shaped reinforced concrete hospital building (200x150-ft.) to contain 48 private and semi-private rooms, baths and toilets; full X-ray dept., maternity dept., surgical dept., with 3 operating rooms, convalescent roof solarium, full automatic elevators; rubber tile, asphalt tile, acoustical materials, air conditioning system, etc.

Owner—Homeopathic Foundation of California, 391 Sutter Street.

Architect—Martin J. Rist, Phelan Bldg., San Francisco.

Structural Engineer—W. Adrian, 417 Market Street.

Mechanical Engineer—Albert A. Codrington, 222 Kearny Street.

Bids are now being received for grading of the site.

Working drawings are being prepared for general construction of the hospital.

13— PUBLIC BUILDINGS, FIRE HOUSES & JAILS

Bid Opening Postponed Until Feb. 27, 8:30 A.M.

CIVIC AUDITORIUM AND FIRE STATION Cost, \$254,000

SANTA CRUZ, Santa Cruz Co., Cal. Two-story early California style auditorium building (184x157), seating 2100 on main floor and balcony; stage, dressing rooms, committee rooms; also fire station at rear housing dormitory, lounge room, kitchen, shower and office rooms.

Owner—City of Santa Cruz, S. A. Evans, City Clerk.

Architect—Mark Daniels, 101 Post Street, San Francisco.

Struc. Engineer—Carl W. Zollner, 101 Post St., San Francisco.

Bonds in the amount of \$140,000 together with PWA grant of \$114,540 will finance construction.

Plans and specifications may be obtained from the office of City Engineer R. W. Fowler, City Hall, Santa Cruz, upon deposit of \$25, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of amount of bid and filed with the City Engineer on or before 8:30 A.M., Feb. 27th, and will be opened at 9 A. M., of that date in room 105, Santa Cruz City Hall, Santa Cruz.

Bid opening postponed from January 23.

Contract Awarded

SCHOOL Cont. Pr., \$199,916
COTTAGE GROVE, Oregon.

One-story brick school building.

Owner—Union High School Dist. No. 14, Lane County, Oregon.

Architect—C. N. Freeman, Concord Bldg., Portland.

Low Bidder—Jos. H. Anderson, 3132 NE 69th, Portland.

Contract price includes deductions of alternates A to L, but includes alternates M and N.

Complete basic bids follow:
 Jos. H. Anderson, Portland... \$242,042
 Powers & Quinn, Portland... 251,187
 Stien Bros., Eugene... 252,500
 Malarkey & Kallander, Portland... 254,000
 Glen L. Hord, Portland... 261,045
 Robertson, Hay & Wallace, Portland... 267,745
 L. L. Quigley, Portland... 269,422
 Johnson Const. Co., Vancouver... 269,500
 Geo. Isaacson Co., Portland... 273,890
 O. R. Wayman, Portland... 275,783

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—E. A. Howkins & Company, 1182 Market St., San Francisco, awarded the following sub-contracts for general construction of Western States Map Pit on Yerba Buena Shoals:

Plumbing—James H. Pinkerton, 927 Howard Street.

Iron Grille Work—Star Ornamental Iron Works, 227 Bay Street.

Grading—Shanmac Co., 265 Urbano Drive.

Lumber—Loop Lumber & Mill Co., 2001 Broadway, Alameda.

Painting—Raphael Co., 270 Tehama Street.

All of San Francisco unless otherwise noted.

Contract Awarded

BLEACHERS & EXHIBIT BLDG.

Contract Price, \$17,534

DIXON, Solano Co., Calif. 36th District Agricultural Assn.

Construction of general work for wood frame bleachers approximately 216 ft. long and 21½ ft. wide and wood frame exhibit building approx. 100 ft. long and 60 ft. wide. Concrete foundations have been installed under separate contract.

Owner—State of California.

Architect—State Division of Architecture, W. K. Daniels, Acting State Architect, Public Works Bldg., 12th and N Streets, Sacramento.

Contractor—Holdener Const. Co., 2608 R St., Sacramento.

Contract price includes deduction of Alternates 1 and 2.

Plans Completed

ALTERATIONS Cost, \$.....

UKIAH, Mendocino Co., Calif.

Alterations to present fire station and city hall building.

Owner—City of Ukiah.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Bids will be asked shortly.

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Cahill Bros., 206 Sansome St., San Francisco, awarded the following sub-contracts for the construction of interior finish of the Auditorium on Yerba Buena Shoals:

Acoustical Materials.—Western Asbestos Co., 475 Townsend St., San Francisco.

Mill Work.—Lannom Bros. Mfg. Co., 5th and Magnolia St., Oakland.

Glass.—Cobbedlick-Kibbee Glass Co., Washington at Third St., Oakland.

Hardware.—E. M. Hundley Hardware Co., 662 Mission St., San Francisco.

Painting.—R. P. Paoli & Co., 2530 Lombard St., San Francisco.

CONTRACT AWARDED

YERBA BUENA SHOALS.—Ernest W. Calvin, Inc., 370 4th Street, San Francisco, at \$15,760, awarded contract by the San Francisco Pub-

lic Utilities Commission for the exhibit of the Public Utilities Commission at the Golden Gate International Exposition, Yerba Buena Shoals.

BIDS OPENED

SAN FRANCISCO.—San Francisco Elevator Co., 860 Folsom St., at \$99.26, submitted low bid to the Department of Public Works, Room 251, City Hall, for alterations to elevator at City Prison.

Only other bid submitted by Westinghouse Electric Elevator Co., at \$235.70.

BIDS OPENED

YERBA BUENA SHOALS.—Ernest W. Calvin, Inc., 370 4th Street, San Francisco, at \$15,760, submitted low basic bid to the San Francisco Public Utilities Commission for the exhibit of the Public Utilities Commission at the Golden Gate International Exposition, Yerba Buena Shoals.

Other basic bids were:
Lindgren & Swinerton, Inc., \$15,833
Mullen Mfg. Co., 18,989

Additional—Sub-Contracts Awarded HALL OF RECORDS

Contract Price, \$106,500
MODESTO, Stanislaus County, Calif. Present Courthouse site.

Four-story with penthouse, full basement, Class A reinforced concrete Hall of Records building, with two wings of 2-stories, and one wing of 1-story.

Owner—County of Stanislaus.
Architect—Russell G. de Lappe, 1901 Downey Ave., Modesto.

Structural Engineer—H. J. Brunner, Sharon Bldg., San Francisco.
Contractor—Dinwiddie Const. Company, Inc., 210 Crocker Building, San Francisco.

Masonry—Harry E. Drake, 666 Mission St., San Francisco.
Plastering—Clyde C. Parsons, Colorado, Modesto.

Sheet Metal—Oscar H. Vetter, 237 S. Hunter, Stockton.

Kalomein—Weiland & Koithoff, 2194 Folsom St., San Francisco.

Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Glass—W. P. Fuller & Co., 1020 I, Modesto.

Hardware—Palace Hardware Co., 581 Market St., San Francisco.

Metal Partitions—Dwan & Co., 126 Post St., San Francisco.

Hollow Metal—Parker-Carpenter Inc., 606 Mission St., San Francisco.

Additional Sub-Contracts Awarded HALL OF JUSTICE

Contract Price, \$268,000
BERKELEY, Alameda Co., Cal. Rear of present City Hall.

Three-story, reinforced concrete police administration bldg. to contain accommodations for the police department, courtroom, cell blocks, laboratory, police training school quarters, probation officials' offices, interview rooms, radio broadcast station, etc.

Owner—City of Berkeley (City Manager, Hollis R. Thompson).
Architect—Jas. W. Placheck, 511 Mercantile Bank Bldg., Berkeley.

Contractor—Dinwiddie Const. Company, Inc., 210 Crocker Building, San Francisco.

Sheet Metal and Roofing—Central Sheet Metal & Roofing Co., 3246 Eitie St., Oakland.

Mill Work—Anderson Bros., 3285 22nd St., San Francisco.

Sash Hardware—Gleason Steel Products Co., 1310 63rd St., Oakland.

Masonry—W. A. Rainey & Son, Clementina St., San Francisco.

Steel Sash—Detroit Steel Products Co., 111 Sutter St., San Francisco

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Rolling Doors—The Kinnear Mfg. Co. of Calif., 361 Brannan St., San Francisco.

Jail Doors—Pacific Electric Manufacturing Corp., 5815 3rd Street, San Francisco.

Radio Towers—Tascon Steel Co., 604 Mission St., San Francisco.

Marble—Eisele & Dondero Marble Co., 2985 3rd St., San Francisco.

Tile—Superior Tile Co., 4939 Broadway, Oakland.

Elevators—Otis Elevator Co., 1 Beach St., San Francisco.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251 City Hall, for painting on 3rd floor of the Public Welfare Dept. Bldg., SW Gough and Fell Sts. Est. cost, \$2,500.

Specifications obtainable from City Architect Dodge A. Riedy, Room 265, City Hall. No deposit required.

NOTICE OF SALE

SAN FRANCISCO.—Joseph J. Phillips, Director of Property, will sell on the premises Feb. 1, 10:15 A. M., that city owned building located at 1690 Nineteenth Avenue, S. F. 13

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 1:45 P. M., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for installing streamlined ventilators in Chief Administrative Officer's office at City Hall.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall. * 13

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Bartlett & Hlip, 918 Harrison Street, San Francisco, awarded the following sub contracts for construction of the Radio Corporation of America exhibit building on Yerba Buena Shoals: **Glass Block Masonry**—W. A. Rainey & Son, 323 Clementina Street. **Painting**—D. Zelinsky and Sons, 165 Grove Street.

Mill—Anderson Bros., 3285 22nd St. **Misc. Iron**—Monarch Iron Works, 262 Seventh Street.

All of San Francisco. * 13

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Bartlett & Hlip, 918 Harrison Street, San Francisco, awarded the following sub contracts for construction of the Pacific Building equipment exhibit bldg. on Yerba Buena Shoals:

Mill—Lannom Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.

Hardware—E. M. Hundley Hardware Co., 662 Mission St., San Francisco.

Sheet Metal—Stelling Sheet Metal Shop, 2811 Army Street.

Electric Wiring—Edw. J. Lynch Elec. Co., 2089 Sutter St., San Francisco

Glass—W. P. Fuller & Co., 301 Mission Street.

Plumbing—James H. Pinkerton Co., 927 Howard St., San Francisco.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 8, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of one-story reinforced concrete garage at Laguna Honda Home; est. cost, \$22,000.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of \$10.

SUB-CONTRACTS AWARDED

YERBA BUENA SHOALS.—Bartlett & Hlip, 918 Harrison Street, San Francisco, awarded the following sub contracts for construction of North Court Logs, Yerba Buena Shoals: **Pipe and Convas**—J. L. Stuart Mfg. Co., 37 Front Street.

Logs—James L. Hall, Mills Building. All of San Francisco. * 13

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 1:45 P. M., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for installing chain link fabric gates at Dudley Stone School, Haight St. side.

Specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall. * 13

NOTICE OF SALE

SAN FRANCISCO.—Joseph J. Phillips, Director of Property, will sell on the premises Feb. 1, 9:30 A. M., that city owned building located at 171-173 Paim Ave., San Francisco.

14— RESIDENCES

Completing Plans

RESIDENCE
STOCKTON, San Joaquin Co., Calif. Two-story Colonial type residence of frame and rustic construction (7 rooms), wood shingle roof, gas fired warm air heating, wood sash hardwood floors, etc.

Owner—Withheld.
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Plans will be completed and bids asked in one week.

Completing Plans

RESIDENCE
STOCKTON, San Joaquin Co., Calif. One-story frame and stucco residence (6 rooms), shingle roof, gas fired warm air heating, hardwood floors, wood nash, linoleum kitchen, and bath, etc.

Owner—Withheld.
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Plans will be completed and bids asked in about two weeks.

Contract Awarded

RESIDENCE Cost, \$7,000
WATSONVILLE, Santa Cruz Co. One-story frame residence (8 rooms, 2 baths) air conditioning; hardwood floors, tile, adobe walls, etc.

Owner—Dr. Clarence Gurnee, Watsonville.
Architect—Not Given.

Contractor—R. S. Friend, 309 Stanford St., Watsonville.

Preparing Working Drawings
EXPOSITION MODEL HOME
EDGEWOOD PARK, San Mateo Co., Calif.

One-story early California style residence; hardwood floors, tile baths, shake roof, etc.

Owner—Withheld.
Architect—Arthur Janssen, Route 1, Box 113, Redwood City.

Construction Started
RESIDENCE
SAN CARLOS, San Mateo Co., Calif. Two-story frame and stucco residence (7 rooms, 2 baths), hardwood floors, tile baths, etc.

Owner—Mr. Kirkland.
Architect—Arthur Janssen, Route 1, Box 113, Redwood City.
Contractor—Henry Erickson, 972 Chenery St., San Francisco.

Plans Being Figured—Bids Close

Feb. 4.
RESIDENCE
CENTERVILLE, Alameda Co., Calif.
 Two-story frame and stucco residence (7 rooms), hardwood flrs., tile bath, shake roof, etc.
 Owner—Mr. Stevenson, c/o Arch.
 Architect—Higgins & Root, Chester Root, Architect, Security Building, San Jose.

Construction Underway
RESIDENCE Cont. Price, \$7,393
GRATON, Sonoma Co., Calif.

One-story frame and stucco residence (tile roof, steel sash, hardwood floors, electric heating system, etc.)

Owner—Wm. B. Longwill, San Francisco.
 Architect—Clarence Caulkins, 426 Rosenberg Bldg., Santa Rosa.
 Contractor—Harvey H. Chinnock, Rt. 3, Box 553, Sebastopol.

Contract Awarded
RESIDENCE Cost, \$8,000
SAN FRANCISCO. SW San Anselmo and San Buenaventura.

Two-story and basement frame residence.

Owner—Mason-McDuffy Co., Berkeley.
 Architect—Angus McD. McSweeney, 604 Mission Street.
 Contractor—J. Prout, 2530 Fillmore.

Completing Working Drawings
RESIDENCE Cost, \$7,000
SAN FRANCISCO. Excelsior Dist.

One-story and basement frame and stucco residence (7 rooms), hardwood floors, tile baths, tile roof, gas fired hot air heating, wood sash, etc.

Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny Street.

Completing Working Drawings
DUPLIX RESIDENCE Cost, \$9,000
SAN BRUNO, San Mateo Co., Calif.

One-story duplex residence containing one 3-room apartment and one 5-room apartment, gas fired hot air heating, tile baths, hardwood floors, etc.

Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Bid Opening Postponed Until Feb. 11, 2:00 P. M.
RESIDENCE

CENTERVILLE, Alameda Co., Calif.
 Two-story frame and stucco residence (7 rooms), hardwood flrs., tile baths, shake roof, etc.

Owner—Mr. Stevenson, c/o Arch.
 Architect—Higgins & Root, Chester Root, Architect, Security Building, San Jose.

Bid opening postponed from Feb. 4. Following selected contractors are figuring plans:

M. W. Reese, 1210 Minnesota Ave., San Jose.

R. A. Griffin, Irvington.
 M. White, P. O. Box 136, Centerville.

E. E. Dias, P. O. Box 121, Niles.
 Frank Ferreira, Newark.
 Peter Freitas, Newark.

Contract Awarded
RESIDENCE

SALINAS, Monterey Co., Calif.
 One-story frame and rustic residence (6 rooms), hardwood flrs., tile bath, etc.

Owner—Withheld.
 Architect—Guy O. Koopp, P. O. Box 644, Carmel.
 Contractor—Alfred M. Juncker, 221 Maple St., Salinas.

Completing Plans
RESIDENCE Cost, \$6,000

SAN FRANCISCO. Visitation Valley.
 One-story and basement frame and stucco residence (5 rooms), hardwood floors, tile bath, wood sash, etc.

Owner—Withheld.
 Architect—Albert H. Larsen, 333 Kearny Street.

15— SCHOOLS

Plans Completed
SCIENCE BLDG. Cost, \$.....

SALINAS, Monterey Co., Calif.
 One-story frame science building addition to the Salinas High School.

Owner—Salinas Union High Sch. District, (R. D. Case, Clerk).
 Architect—Chas. E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans are now in Sacramento awaiting approval of State Division of Architecture.

CONTRACT AWARDED

SANTA MARIA. Santa Barbara Co., Calif.—H. R. Graham, 1335 Dover road, Santa Barbara, awarded contract by Santa Maria Union High School District, subject to PWA approval, for an addition to the main building at Santa Maria high school. Plans were prepared by Architect Louis N. Crawford, Gibson-Drexler Building, Santa Maria. The addition will contain 8 classrooms, offices and a health unit; reinf. concrete walls, tile and composition roofing, wood sash, program clock and bell system, steam heating, structural steel.

Basic bids follow:

H. R. Graham	\$116,000
J. K. Thomas	118,492
W. E. Allen	123,520
O. H. Strauser	123,900
Theo. M. Maino	125,586
R. J. Daum	126,813
Whittaker & Snook	129,000
F. C. Stolte Co.	132,000

* 15

BIDS OPENED

ROSEVILLE, Placer Co., Calif.—Daniel J. Mulligan, Roseville, at \$4,250 submitted low bid to the Roseville Union High School, W. W. Zell, Clerk, for the plumbing and heating in the construction of a new high school shop building located at the high school campus, Roseville.

Plans by Architect E. G. Ernst, 561 E. Harding Way, Stockton.

Complete bids were:

Daniel J. Mulligan	\$4,250
Albert Nicholson	4,653
Wolfs & Royer	4,900
Auburn Lumber Co.	4,988

BIDS WANTED

VENTURA, Ventura Co., Calif. — Until Feb. 9, 7:30 P. M., bids will be received by the Ventura Union High School District for an agricultural building to be constructed at Ventura Junior College, Main and Catalina Sts., Ventura, a PWA project. Plans and specifications may be obtained from Architect Harold E. Burkett, 468 E. Main St., Ventura, upon deposit of \$10. Certified or cashier's check or bond for 5% required.

BIDS WANTED

WOODLAND, Yolo Co., Calif.—Until February 6, 8 P. M., bids will be received by Woodland High School District, Edward H. Farr, Secretary, for installation and completion of classroom desks and chairs and cafeteria kitchen equipment in the new Annex Building to the High School buildings of Woodland High School, located on College Ave. bet. Marshall and Hayes Sts., Woodland.

Plans and specifications are on file at the office of the Board of Education of the Woodland High School District and may be obtained at the office of the Architects, Dragon and Schmidts, 2068 Allston Way, Berkeley, upon deposit of \$25.00.

Bids must be accompanied by certified check in the amount of 5% of bid.

Planned
SCHOOLS Cost, \$154,000

SAN LEANDRO, Ala. Co., Calif.
 Unit A: Auditorium and classrooms at Roosevelt Grammar School;

Unit B: Auditorium at Lincoln School and Unit C: new Sunshine School on the McKinley School grounds.

Owner—San Leandro School District.
 Architect—Wm. C. Ambrose, 244 Kearny St., San Francisco.

Application will be filed for WPA labor in amount of \$48,000 which, together with bond issue of \$106,000 will finance construction.

Sub-Contracts Awarded
SCHOOL Cost, \$115,000

SAN FRANCISCO. De Montford and Jules Aves. St. Emydius.

Three-story reinforced concrete, 12-classroom school building.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.

Architect—John J. Foley, 770 Fifth Avenue.

Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Structural Steel—Bethlehem Steel Co., 20th and Illinois.

Reinf. Steel—Soule Steel Co., 1750 Army St.

Plastering—Hermann Bosch, 2075 Folsom St.

Mill Work—Pacific Mfg. Co., 142 Sansome St.

Plumbing—Monihan-Stauffacher Co., 1552 Fulton St.

All of San Francisco.
 (1231) 1st rep. Dec. 20; 2nd, Dec. 29, 1939. * 15

SUB-BIDS WANTED

VALLEJO, Solano Co., Calif.—De Luca & Son, Inc., 1745 Filbert St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for construction of the science building and gym at the Vallejo Senior High School, at Vallejo, for which bids will be opened Jan. 26, 8:00 P.M.

Plans prepared by Architect John J. Donovan, 950 Parker St., Berkeley. * 15

CONTRACT AWARDED

ALHAMBRA, Los Angeles Co., Cal.—J. C. Bannister, 905 Mariposa Ave., Los Angeles, awarded contract by the Alhambra Board of Education, at \$109,984 (subject to PWA approval), for construction of a gym building at the Mark Keppel High School, cor. Hellman Ave. and Almansor St., near Alhambra. The contract will include all work except the heating and ventilating, which has already been let to the J. Herman Co., Marston & Maybury, architects, 25 S. Euclid Ave., Pasadena; Murrey Erick, structural engineers, 811 W. 7th St., Los Angeles.

Three low bids were:

J. C. Bannister	\$109,984
C. T. & W. P. Stover	110,770
Steed Bros.	111,300

15

Plans Completed

SCHOOL Cost, \$12,000
YUBA COUNTY, Calif., near Marysville. Linda Elementary School. One-story frame addition consisting of two classrooms and toilet room.

Owner—Linda Elementary School District.

Architect—Story & Brouchoud, A. W. Story, Architect, 116 W. Second St., Chico.

Sub-Contracts Awarded

JUNIOR COLLEGE ADDITION Contract Price, \$118,500
SANTA ROSA, Sonoma Co., Calif. Construction of the 6th unit at the Junior College, consisting of 2-story reinforced concrete library and administration building.

Owner—City of Santa Rosa Junior College District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—L. S. Peletz, 1660 West Acacia Ave., Stockton.

Roofing—Sonoma County Roofing & Insulation Co., 523 Fifth Street, Santa Rosa.

Plumbing—W. H. Picard, Inc., 4166 Broadway, Oakland.

Electric Wiring—Norman A. Russell, 822 College Ave., Santa Rosa.

Heating—Frank J. Edwards, 2401 9th Ave., Oakland.

Sheet Metal—Gust Malm, 101 Main St., Santa Rosa.

Glass and Mill Work—Electric Planing Mill, 545 S. Monroe, Stockton.

Iron Grille Work—Schradler Iron Works, Inc., 1247 Harrison St., San Francisco.

Brick and Stone Work—White and Gloor, 448 Monadnock Bldg., San Francisco.

Grading and Concrete—Spaletta and Siri, 311 Carrillo Street, Santa Rosa.

Lumber—Thompson Lumber & Piling Co., Monadnock Bldg., San Francisco.

Painting—C. W. Sullberg & Son, 606 Spencer Ave., Santa Rosa.

Linoleum—McLean's Hardwood Floor & Linoleum, 237 E. Miner Ave., Stockton.

(88) 1st report June 28; 9th, Jan. 16, 1939. * 15

BIDS OPENED

SAN FRANCISCO.—Robt. Garcia, 1257 Folsom St., at \$26.60 submitted only bid to the Department of Public Works, Room 251, City Hall, for sinking ten test holes at the site of Abraham Lincoln School, Quintara Street between 22nd and 24th Aves. Price per day for well-boring outfit and labor. * 15

Prospective Bidders

SCHOOL ADDITION Cost, \$27,000
LAFAYETTE, Contra Costa Co., Cal. One-story frame and stucco addition to grammar school to contain 3 classrooms and small auditorium. Owner—Lafayette Grammar School District.

Architect—Keith O. Narbett, 462 31st Ave., Richmond, and Geoffrey E. Bangs, Richmond.

Plans and specifications are obtainable from the architects' office upon deposit of \$25.00.

As previously reported, bids will be opened February 6, 8 P. M.

Following contractors have taken out plans:

Frank Eyre, 2311 21st Ave., Oakland.

W. K. Van Bokkelen, 429 23rd St., Oakland.

A. Frederick Anderson, 1093 Longridge Road, Oakland.

A. T. Beckett, 224 Scenic Avenue, Oakland.

Alfred J. Hopper, 243 Langton St., San Francisco.

Sunquist, Bros., 1224 Edgehill Dr., Burlingame.

Willis F. Lynn, 1037 Ashmount Ave. Oakland.

E. P. Seemans, Walden Tract, Walnut Creek.

A. McLeod, Box 98, Lafayette.

Peter Sartorio, 369 Pine St., San Francisco.

Carl N. Swenson, 355 Stockton Ave., San Jose.

Elmer Freethy, 271 10th St., Richmond.

Webster Jeffers, 1555 Page St., San Francisco.

(835) 1st report Oct. 10, 1938; 2nd, Jan. 20, 1939. * 15

Low Bidder

SCHOOL

COTTAGE GROVE, Oregon.

One-story brick school building. Owner—Union High School District No. 14, Lane County, Oregon.

Architect—C. N. Freeman, Oconrod Bldg., Portland.

Low Bidder—J. H. Anderson, 3132 NE 69th, Portland.

Recommendation made PWA that contract be awarded low bidder at \$199,916, which includes deduction of certain alternates. * 15

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until February 7, 8 P. M., bids will be received by the San Rafael High School District, Oliver R. Hartzell, Secretary of the Board of Education, for the power wiring and other electrical work for the construction of Shop Unit A, Shop Unit B, and Existing Shop Building, additions to San Rafael High School, San Rafael.

Plans and specifications on file with the Secretary of the Board of Education, San Rafael High School, and at the office of the Architect, N. W. Sexton, deYoung Bldg., San Francisco, where they may be obtained upon deposit of \$10, returnable.

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at the San Rafael High School.

SUB-BIDS WANTED

VALLEJO, Solano Co., Calif.—H. J. Christensen Co., & W. E. Lyons Construction Co., 1955 Webster Street, Oakland, is figuring plans and desires sub-bids on all portions of the work for construction of the science building and gym at the Vallejo Senior high school, for which bids will be opened Jan. 26, 8 P. M.

Plans prepared by Architect John J. Donovan, 950 Parker Street, Berkeley. * 15

PREPARING PLANS

KERN COUNTY, Calif.—Symmes & Willard; Stanton Willard, architect, 1314 17th St., Bakersfield, are preparing plans for a new frame and stucco school building containing three classrooms to be built in Kern county for the Aztec School District. Estimated cost \$32,000. * 15

LOW BIDDERS

ARCADIA, Los Angeles Co., Calif.—F. Hendrickson, 401 Glendale Blvd., Los Angeles, submitted low bid to Arcadia City School District, at \$93,725, for a kindergarten building and a manual training building, together with connecting passageways, to be built at the First Ave. school in Arcadia, a PWA project. Plans were prepared by Architect Paul Kingsbury and Structural Engineer S. E. Barnes, 803 W. 3rd St., Los Angeles. Second and third low bids were: Steed Bros., \$94,770; J. C. Bannister, \$95,487. * 15

Prospective Bidders.

CHAPEL, ETC. Cost, \$110,000
SAN RAFAEL, Marin Co. Cal. Edgehill Road.

New two-story chapel and dormitory building (frame and stucco construction with tile roof) at Dominican College.

Owner—Dominican College, San Rafael.

Architect—Arnold Constable, 581 Market St., San Francisco.

As previously reported, bids will be opened February 1.

Following selected list of contractors are figuring plans:

Larsen & Larsen, 633 Bryant St., San Francisco.

Cahill Brothers, 206 Sansome St., San Francisco.

Robert McCarthy, 1363 14th Ave., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Frank J. Reilly Co., 6350 Fulton St., San Francisco.

Clinton Constr. Co., 923 Folsom St.,

Bids Wanted—To Close February 6, 8 P. M.

SCHOOL ADDITION Cost, \$27,000
LAFAYETTE, Contra Costa Co., Cal.

One-story frame and stucco addition to grammar school to contain 3 classrooms and small auditorium.

Owner—Lafayette Grammar School District.

Architect—Keith O. Narbett, 462 31st Ave., Richmond.

Plans and specifications obtainable from the architect's office upon deposit of \$25.00.

Bids will be opened at the Lafayette Grammar School.

Bids Wanted—To Close February 6, 8 P. M.

SCHOOL ADDN. Cost, \$.....
KERN COUNTY, Calif. Edison Sch.

Boiler room and toilet room addition to school.

Owner—Edison Elementary School District, Kern County.

Architect—Franklin and Kump, Jr., Haberfelde Bldg., Bakersfield.

Plans and specifications may be obtained from the architects' office.

Prospective Bidders

SCHOOL ADDITION Cost, \$70,000
WASCO, Kern Co., Calif.

Reinforced concrete Science building addition to the high school, containing nine classrooms.

Owner—Wasco Union High School District, Wasco.

Architect—Franklin & Kump, Jr., Haberfelde Bldg., Bakersfield.

As previously reported, bids will be opened Jan. 30, 7:30 P. M.

Following have taken out plans:

L. H. Hansen and Sons, Box 519, Fresno.

Midstate Const. Co., Pacific Southwest Bldg., Fresno.

Harman and Co., 4540 Cutter St., Los Angeles.

BIDS OPENED

OAKLEY, Contra Costa Co., Calif.—Following bids submitted to the Oakley Union School District, Edith De Porto, Clerk, for furnishing and installing furniture, stage curtains and equipment for school building at Oakley.

Plans by Architect Harold H. Weeks, 593 Market St., San Francisco.

Bids were received on the following items: (1) two teachers' desks (2) 40 students desks (3) three classroom tables (4) 12 sidechairs (5) two restroom cots (6) one electric stove (7) two sets basketball back stops (8) one set stage curtains (9) one set stage curtains as specified except using monks cloth lined drapery satin instead of cloth.

Complete bids follow:

Ink Ribbon Mfg. Co., 637 Howard St., San Francisco, (1) \$70.04 (2) \$37.84 (3) \$52.53 (4) \$42.02 (5) \$14 (6) \$81.37 (8) \$499.55 (9) \$65.60.
 Fred E. Turner Co., 557 Market St., San Francisco, (1) \$72.10 (2) \$59.20 (3) \$84.99 (4) \$52.44 (7) \$290.40 (8) \$480 (9) \$80.
 American Seating Co., 207 Van Ness South, San Francisco, (1) \$63.76 (2) \$383.20 (3) \$52.53 (4) \$43.08 (5) \$24.20 (7) \$208.
 Gill-Mann Co., 150 Second St., San Francisco, (1) \$64.50 (3) \$59.40 (4) \$51 (8) \$451.72 (9) \$66.
 H. S. Crocker Co., 720 Mission St., San Francisco, (1) \$73.78 (4) \$45.72.

BIDS WANTED

SAN LUCAS, Monterey Co., Cal.—Until February 2, 3:30 P. M., bids will be received by the San Lucas Union School District, Mrs. Grace Bunte, Clerk, for the construction of a fence backstop and address system at San Lucas school at San Lucas.
 Plans and specifications may be obtained from the office of Architect C. J. Ryland, 136 Bonifacio Pl., Monterey, upon deposit of \$5.00, returnable.
 Bids must be accompanied by certified or cashier's check for 5% of bid and will be opened at 3:45 P. M., February 2, at the school house.

Bids Wanted—To Close February 8, 2:30 P. M.

SCHOOL
 SAN FRANCISCO. 22nd and Barlett Streets, Samuel Gompers Trades School.

Four-story, class B, reinforced concrete school building, known as 2nd unit, and consisting of six shops, radio studio, four classrooms and photography laboratory.

Owner—City and County San Francisco.
 Architect—Masten & Hurd, 442 Post Street.

Bids will be taken as follows:

- (1) All work, including general construction, mechanical equipment and plumbing and electrical work
- (2) All work, general construction, only
- (3) All work, mechanical equipment and plumbing, only
- (4) All work, electrical, only.

Estimated Costs
 General contract, mechanical equipment and plumbing and electrical work \$182,000. Deposit for plans, \$75.
 General construction only, \$145,000. Deposit, \$25.

Mechanical equipment and plumbing—\$200,000. Deposit, \$25.
 Electrical work, \$17,000. Deposit, \$25.

Plans and specifications obtainable from City Architect, Dodge A. Riedy, (1407) * 13

BIDS WANTED

PORT CHICAGO, Contra Costa Co., Calif.—Until Feb. 1, 8:00 P. M., bids will be received by the Bay Point Elementary School District, H. A. Gustafson, Clerk, for furnishing and delivering of Equipment to the Bay Point Elementary School Building at Port Chicago.

Plans and specifications on file with the office of the Architect, Harold H. Weeks, 593 Market Street, San Francisco and with the office of the Clerk of the Board of Trustees at the Bay Point Elementary School Building, Port Chicago

Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid and will be opened at 8:55 P. M., Feb. 1, at the Bay Point Elementary School.

BIDS WANTED

RIVERSIDE CO., Calif.—Until Feb. 7, 3:00 P. M., bids will be received by Coachella Valley Union High School District at the present high school, NW corner Van Buren and Avenue 56, Coachella, for the construction of a reinf. concrete administration and science building, a girls' physical education building and an auditorium building. Estimated cost, \$260,000. Plans and specifications may be obtained from E. Chas. Parke, architect, 1 Fuller Building, San Bernardino, upon deposit of \$25.

Sub-Contracts Awarded

JUNIOR COLLEGE BLDGS.
 Contract Price, \$234,285.00
 SACRAMENTO, Calif.

Construction of four building units at the Junior College as follows:
 Aeronautics Bldg., Engineering Shop Building, Home Economica Bldg., and Cafeteria.

Owner—Sacramento City Unified Sch. Dist., (Chas. C. Hughes, Sec'y.).
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—Azevedo Constr. Co., 920 O St., Sacramento.
 Roofing—Bush Roofing Co., 1912 K St., Sacramento.

Plumbing—M. R. Carpenter, 907 Front, Sacramento.
 Electric Wiring—Sam Bisset, 949 33rd, Sacramento.

Heating—Hatley & Hateley, 1714 10th, Sacramento.

Sheet Metal—McLaughlin Sheet Metal Works, 1914 I, Sacramento.

Tile Work—J. P. Fischer Tile and Marble Co., 1219 J, Sacramento.
 Acoustical Tile—Western Asbestos Co., 675 Townsend St., San Francisco.

Structural Steel—Palm Iron Works, 15th and S, Sacramento.
 Lumber—Dolan Building Materials Co., 31st and P Sts., Sacramento.

Mill Work—Sierra Mill & Lumber Co., 2nd and V, Sacramento.
 Concrete—Perkins Gravel Co., 1846 37th, Sacramento.

Lathing and Plastering—Norman T. Hill, 4920 15th Ave., Sacramento.
 Steel Windows—Ceco Steel Products Corp., 1280 Indiana, San Francisco.

Blackboards—J. W. Fricke & Co., 420 Market St., San Francisco.
 Grading—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento.

Painting—Willcoxon & Wilson, 1724 34th St., Sacramento.
 Metal Partitions—Munthe Equip. Co., 604 Mission St., San Francisco.

Linoletum—Panhandle Carpet & Linoletum Co., 773-775 Divisadero St., San Francisco.

Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
 Window Fixtures—Universal Window Co., 950 Parker, Berkeley.

CONTRACTS AWARDED

ALAMEDA, Alameda Co., Calif.—The Alameda Board of Education awarded the following contracts for furniture for the Mastick School:
 American Seating Co., 207 Van Ness Ave., San Francisco, at \$862.50 for 150 classroom chairs; Heywood-Wakefield Co., 1355 Market St., San Francisco, at \$104.40 for six library tables; and Lannom Bros. Mfg. Co., 5th and Magnolia St., Oakland, at \$834.24 for 132 student tables.

NEW BIDS WANTED

VENTURA, Ventura Co., Calif.—Until February 2, 7:30 P. M., bids will be received by the Ventura Union High School and Junior College District, for Unit E (boys' gym) to be built at Ventura Junior College,

Main and Catalina Sts., Ventura, a PWA project. Est. cost, \$65,000. Plans may be obtained from Architects Roy C. Wilson and Geoffrey N. Lawford, Say Road, Santa Paula, upon deposit of \$25. Manley W. Sahlung, structural engineer, 311 Archiburg, Los Angeles. All bids received January 5 were rejected. The handball courts, skylights, ventilators and glass blocks have been omitted from the revised plans. 15

Sub Contracts Awarded

PRESS BLDG., Cont. Price, \$243,650
 BERKELEY, Alameda Co., Cal. University of California Campus (Oxford and Center Streets).

Three-story University Press Bldg. to house press and printing plant
 Owner—Regents of the University of California.

Architects—Masten & Hurd, 442 Post St., San Francisco.

Engineer—Roscoe Weaver, Berkeley.
 Contractor—Binwidde Const. Co., Crocker Bldg., San Francisco.
 Excavation—J. Catucci, 1212 18th Ave., Oakland.

Structural Steel—Bethlehem Steel Company, 20th and Illinois Sts., San Francisco.

BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—Until Feb. 3, 8:00 P. M., bids will be received by the Redwood City Elementary School District, C. G. Uhlenberg, Clerk, for furnishing equipment for the Redwood City Elementary Schools, located at Redwood City.

Specifications on file with the clerk in the office of the McKinley Public School Building, Redwood City, where they may be obtained upon deposit of \$5.

Bids must be accompanied by certified or cashier's check for 10% of bid and will be opened at 8:15 P. M., Feb. 3, in the office of the McKinley Public School Bldg.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. K. Thomas, 700 Kresz Bldg., Long Beach awarded contract by Whittier Union High School District at \$500,000, for construction of a new auditorium building and the reconstruction and strengthening of a classroom building at the Whittier High School. Award made on Alt. No. 2, subject to PWA approval. Construction is scheduled to start Jan. 27. Wm. H. Harrison, architect, 1101 Architects' Bldg., Los Angeles. Bids were:

J. K. Thomas, all work complete, including little theater and band rm., \$592,270 (1) if little theater is omitted, \$529,000; (2) if little theater and band room are omitted, \$500,000; (3) strengthening of classroom building, only, \$116,839.

Halper Const. Corp., \$598,900; (1) \$533,100; (2) \$501,000; (3) \$139,000.

E. F. Wopshall and C. G. Wopshall, \$609,433; (1) \$541,327; (2) \$513,212; (3) \$107,500.

Harvey A. Nichols, \$613,523; (1) \$549,051; (2) \$521,074; (3) \$112,548.

Jas. I. Barnes Const. Co., \$625,000; (1) \$562,000; (2) \$526,000; (3) \$112,900. 15

BIDS REJECTED

ESPARTO, Yolo Co., Calif.—Esparto Union High School District, Roy A. Mast, Clerk, rejected all bids received January 17 for insulation of the entire present ceiling of the said Esparto Union High School Building, including space over stage.

Complete bids follow:
 Standard Asbestos Co., 450 Bryant St., San Francisco, \$1,224.

Sacramento Roofing & Insulation Co.
Sacramento, \$1,319.
Johns-Manville Co., Sacramento, \$1-
392.
L. H. Clawson, Sacramento, \$1,461.60.

Prospective Bidders

DEMOLITION Cost, \$.....
OAKLAND, Alameda Co., Cal. 69th
Avenue and East 14th Street.
Demolition of 2-story and two-story
and basement frame buildings,
known at Lockwood Annex and
old Lockwood Elementary school
buildings.

Owner—Oakland School District.
Engineer—Chas. A. Whitton, Second
Avenue and Tenth St., Oakland,
(School Admin. Building).
Specifications obtainable from Rm.
109, 1026 Second Ave., Oakland. No
deposit required.

As previously reported, bids will be
opened Feb. 2, 4 P. M.
Following have taken out plans:
S. Lindroth, 3409 J St., Sacramento.
Symon Bros., 1435 Market St., San
Francisco.

Cleveland Wrecking Co., Second &
Army Sts., San Francisco.
C. P. Roberts, 937 Market St., Oak-
land.
Pioneer Wrecking Co., 818 45th Ave.
San Francisco.

**Bid Opening Postponed Until Feb. 3,
10:00 A. M.**

CHAPEL, ETC. Cost, \$110,000
SAN RAFAEL, Marin Co., Calif.
Edgehill Road.

New two-story chapel and dormitory
building (frame and stucco con-
struction with tile roof) at Do-
minican College.

Owner—Dominican College, San Ra-
fael.

Architect—Arnold Constable, 581 Mar-
ket St., San Francisco.

Separate bids will be received for
general work, plumbing and heating,
and electrical work.

Bid opening date postponed from
Feb. 1.

Following selected list of general
contractors are figuring plans:

Larsen & Larsen, 633 Bryant St.,
San Francisco.

Cahill Brothers, 206 Sansome St.,
San Francisco.

Robert McCarthy, 1362 14th Ave.,
San Francisco.

Barrett & Hllp, 918 Harrison St.,
San Francisco.

Frank J. Reilly Co., 6350 Fulton
St., San Francisco.

Clinton Constr. Co., 923 Folsom St.,
San Francisco.

Leibert & Trobeck, Albert Building,
San Rafael.

BIDS WANTED

SAN LUCAS, Monterey Co., Cal.—
Until Feb. 2, 3:30 P. M., bids will be
received by the San Lucas Union
School District, Mrs. Grace Bunte,
Clerk, for furnishings and equipment
at San Lucas School at San Lucas.

Plans and specifications may be
obtained from the office of Archi-
tect C. J. Ryland, 136 Bonifacio Pl.,
Monterey, upon deposit of \$5.00,
returnable.

Bids must be accompanied by cer-
tified or cashier's check for 5% of
bid and will be opened at 3:45 P.M.,
Feb. 2, at the school house.

Sub-Contracts Awarded

PRESS BLDG. Cont. Price, \$243,650
BERKELEY, Alameda Co., Cal. Uni-
versity of Calif. Campus (Oxford
and Center Streets).

Three-story University Press Bldg.
to house press and printing plant.
Owner—Regents of the University of
California.

Architects—Masten & Hurd, 442 Post
St., San Francisco.

Struc. Engineer—Walter Huber, 325
Crocker 1st National Bank Bldg.,
San Francisco.

Contractor—Dinwiddie Const. Co.
Crocker Bldg., San Francisco.

Excavation—J. Catucci 1212 Eight-
eenth Ave., Oakland.

Structural Steel—Bethlehem Steel Co.
20th and Illinois Sts., San Fran-
cisco.

CONTRACT AWARDED

KERN COUNTY, Cal.—B. O. Sieg-
fus, 306 Magnolia Ave., Bakersfield,
awarded contract by Fairfax School
District at \$6480, for addition of one
classroom to the Fairfax School in
Kern County. Plans by Symmes and
Willard; Stanton Willard, architect,
1314 17th St., Bakersfield. 15

LOW BIDDER

SANTA MARIA, Santa Barbara
Co., Cal.—H. R. Graham, 1335 Dover
Road, Santa Barbara, at \$116,000 sub-
mitted low bid to Santa Maria Union
High School District for an addition
to the main building at Santa Maria
high school, a FWA project. Plans
prepared by Architect L. N. Craw-
ford, Gibson-Drexler Bldg., Santa Ma-
ria. 15

16—BANKS, STORES AND OFFICES

Contract Awarded
STORE Cont. Price, \$11,458
SACRAMENTO, Calif. 12th and "D"
Streets.

One-story frame store building.
Owner—Safeway Stores, Inc.

Architect—Herbert Godpastor, Mi-
tau Bldg., Sacramento.

Contractor—W. A. Tuedale, 2116 H
St., Sacramento.

Bids In
STORE BLDG. Cost, \$11,000
SUNNYVALE, Santa Clara Co., Cal.
Washington Avenue.

One-story brick and frame store bldg.
(25x90-ft.) composition roof, etc.

Owner—Safeway Stores, Inc.
Architect—Charles McKenzie, Twohy
Bldg., San Jose.

Bids in and held under advisement.
Announcement shortly.

Plans Being Figured
RESTAURANT Cost, \$9,000
FRESNO; Fresno Co., Calif. Fresno
and C Streets.

One-story brick and frame restaurant
Owner—M. Leonardo, Fresno.
Lessee—Dante Italian Restaurant, D.
Pellegri, Prop., Fresno.

Architect—Franklin & Kump, Jr., T.
W. Patterson Bldg., Fresno.

Following are figuring plans:
T. C. and W. H. Irwin, 908 Mil-
dreda, Fresno.

Frank Lo Forti, 4636 Mono Street,
Fresno.

Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

Harris Const. Co., 577 McKinley
Ave., Fresno.

Wm. P. Taylor, Box 113, Reedley.

**Now Taking Segregated Bids
STORE**
SAN FRANCISCO, S.E. cor Polk and
Washington Sts.

Construction of new one-story bldg.,
(60x100 ft.).

Owner—Joseph Capurro.
Architect—Martin J. Rist, Phelan
Building.

Segregated bids are now being re-
ceived by the architect.

Contract Awarded
BANKING ROOM Cost, \$.....
WATSONVILLE, Santa Cruz Co.
Construction of temporary banking
room.

Owner—Pajaro Valley National Bank
Watsonville.

Architect—H. H. Winner, Words-
worth Ave., Ross.

Contractor—Ralph S. Friend, 309
Stanford St., Watsonville.

WORK STARTS TODAY

MESA, Ariz.—Sam Gordon, 416 W.
8th St., Los Angeles, will start work
today on remodeling a 1-story and
basement store building at 118-20 W.
Main St., Mesa, Ariz., for self; F. W.
Woolworth Co., tenant. Work in-
cludes new store fronts, brick and
concrete work, plate glass, hard-
wood flooring and trim, skylights,
ventilating system, linoleum, safety
stair treads, tile and granite, metal
toilet partitions, light fixtures, elec-
tric wiring, plumbing, plastering,
painting, steel chute; cost \$20,000.
Norstrom and Anderson, architects,
424 Insurance Exchange Building,
Los Angeles. 16

Plans Being Figured—Bids Close
Feb. 2, 4:00 P. M.

STORE BUILDING
OAKLAND, Alameda Co., Calif., San
Pablo Ave. and 54th St.

One-story frame store building (45-
x90 ft.).

Owner—Withheld.
Architect—Earl R. MacDonald, 1710
Franklin St., Oakland.

Following selected contractors are
figuring plans:

J. A. Armstrong, 834 E. 10th St.,
Oakland.

California Builders' Co., 364 14th
St., Oakland.

Elmer J. Freethy, 224 16th Street,
Richmond.

A. Frederick Anderson, 1093 Long-
ridge Road, Oakland.

W. E. Lyons Construction Co., 2009
Pacific Ave., Alameda.

A. A. McDonald, 3229 Ardley Ave.,
Oakland.

Plans Being Figured—Bids Close
Feb. 2, 4:00 P. M.

STORE BUILDING
OAKLAND, Alameda Co., Calif., E.
14th and 28th Sts.

One-story frame store building (50-
x100 ft.).

Owner—Withheld.
Architect—Earl R. MacDonald, 1710
Franklin St., Oakland.

Following selected contractors are
figuring plans:

J. R. Armstrong, 834 E. 10th Street,
Oakland.

A. Frederick Anderson, 1093 Long-
ridge Road, Oakland.

California Builders' Co., 364 14th
Street, Oakland.

Elmer J. Freethy, 224 16th Street,
Richmond.

J. B. Petersen & Son, 4021 Agua
Vista St., Oakland.

W. E. Lyons Construction Co., 2009
Pacific Ave., Alameda.

19—MISC. CONSTRUCTION

BIDS OPENED

AGNEWS, Santa Clara Co., Calif.—Dan Caputo, 985 Delmas Ave., San Jose, at \$37,974.95 submitted low bid to the State Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento, for the installation and completion of sewer and telephone extension at Agnews State Hospital, Agnews.

The sewer and telephone extension consists of approx. 640 ft. of 15-inch vitreous tile pipe, approx. 7200 feet of 10-inch asbestos cement pipe, approx. 900 ft. of 2-inch asbestos cement pipe, approx. 10,000 ft. of 100 pair underground telephone cable, approx. 1250 ft. of 2500 volt underground electric service, a complete sewage screening and pumping plant, electric transformers, motors, pumps screening equip., mechanical equip., and connections to existing sewer, telephone and service lines.

Total bids follow:

Dan Caputo, San Jose	\$37,974.95
Fred J. Early, Jr., S. F.	41,450.00
Harvey E. Conner, Redwood City	43,102.00
Underground Const. Co., Oakland	44,989.00
Eddy Electric & Mechanical Co., Stockton	45,332.00

19

BIDS WANTED

PORTLAND, Oregon.—As previously reported, until Feb. 21, 10:30 A.M., bids will be received by the Bonneville Project, 811 N. E. Oregon Street, Portland, under Invt. 139, for construction of two 230 kv. single circuit transmission lines for Bonneville Transmission System, extending from the Columbia River crossing near North Bonneville to Ampere (North Vancouver). Work includes 2 lines of steel towers, two 230 kv. 3-conductor lines totaling 73 circuit miles; two ground wire circuits totaling 7 circuit miles; towers to be placed on 800 ft. spans for 12 miles west of North Bonneville; 1000-ft. spans rest of line.

One award will be made on schedules 1, 2, and 3 in entirety. Schedule 1: Tower foundations—hauling material to site of work, blasting, excavating, filling; furnishing all reinforcing steel, tie wire, spacers; installing ground rods, wires, connectors; furnishing cement, sand, gravel, water, forms, equipment for placing concrete; placing concrete and structural steel; backfilling and cleaning up.

Schedule 2: Tower erection—furnishing all material not furnished by Government; furnishing equipment and tools; hauling material site; furnishing all labor and material for erecting and following towers: 11 towers 50 ft. high; 21 towers 70 ft. high; 16 towers 42 ft. high; 28 towers 62 ft. high.

Schedule 3: Stringing of conductors and ground wire; installing insulators, hardware, conductor, jumpers, ground wires, accessories; furnishing all materials not furnished by government; furnishing tools and equipment; hauling to site of work.

Completion of Line No. 1 to be within 180 days from date of notice to proceed; Line No. 2 within 210 days; entire work, 270 days.

Plans and specifications may be obtained from the above office upon the deposit of \$25.00. * 19

AWARDS RECOMMENDED

SAN MATEO, San Mateo Co., Cal. San Mateo School District, A. A. Gugel, Clerk, recommended the following awards to PWA for equip-

ment and furniture in Baywood School, San Mateo:

American Seating Co., 207 Van Ness, Ave., So., S. F., at \$2,549.36 for all classroom furniture; Ink Ribbon Mfg. Co., 636 Howard St., S. F., at \$172.20 for teachers desks, \$49.70 for side chairs and \$12.80 for porcelain table tops. Gill-Mann Co., 160 Second St., S. F., at \$61.80 for principals desk, W. R. Knight, 557 Market St., S. F., at \$44.20 for letter file.

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 31, 10:00 A.M., bids will be received by W. P. Weisiger, 963 E. 4th Street, resident engineer in charge of project, for electric work, sprinkler system and plumbing, heating, heat control and air conditioning for remodeling an existing building and a new syrup plant to be built at 934 E. 4th St. for the Coca Cola Co. Jesse M. Shelton, 706 Bona Allen Bldg., Atlanta, Ga., architect. 19

BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—Until Feb. 20, 2:00 P. M., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, for the construction and completion of two water storage reservoirs at Sacramento Air Depot.

Plans and specifications may be obtained from the above office upon the deposit of \$5.00. * 19

To Be Done By Day's Work

MOTEL, Cost, \$.....
S.A.N FRANCISCO. N Lombard St. 26 E Broderick Street. One-story (six unit) motel. Owner and builder—H. L. Detjen, 1446 Francisco Street. Architect—Jorgensen and Deichmann 321 Bush Street.

BIDS IN

LOS ANGELES, Calif.—Southern California Telephone Co., 740 S. Olive St., has taken bids and will award a contract shortly for a new 3-story bldg. (95x101 ft.), at 3233 W. Vernon Ave. for the company; est. cost, \$125,000. As previously reported, Bethlehem Steel Co. has the contract for the structural steel and P. J. Walker Co. has the contract for caisson pilings and concrete cable vault; John and Donald B. Parkinson, 434 Title Insurance Building, architects; Paul Jeffers, Architects' Bldg., structural engineer. 19

BIDS OPENED

PORTLAND, Oregon.—Commercial Iron Works, Portland, at \$53,691.00 submitted low bid to the U. S. Engineer Office, 628 Pittcock Block, Portland, under Bid No. 698-39-314, for drydocking, cleaning, painting and repairing the U. S. seagoing hopper derrick "Col. P. S. Michie."

Complete bids follow:
Commercial Iron Works, Portland, \$53,691.00.
General Engr. and Drydock Co., Oakland, \$56,584.69.
Todd Seattle Dry Docks, Inc., Seattle, \$56,750.00.

The Smith Corp., Portland, \$58,694.50.
The Winslow Marine Railway and Shipbuilding Co., Seattle, \$69,876.10. 19

BIDS WANTED

CONCHAS DAM, N. M.—Until Mar. 7 (tentative date), bids will be received by the U. S. Engineer Office, Conchas Dam, N. M., for the construction of irrigation headworks operating equipment of the Conchas Dam project. The site of the work is located about 24 miles north of Newkirk, N. M., and 30 miles north-

west of Tucumcari, N. M. It may be reached by the Southern Pacific or Rock Island Railroads or U. S. Highway No. 66, to Newkirk, N. M., and thence north via a construction road to the project site. The notice for bids will be issued about Feb. 10. The successful bidder will have 180 calendar days in which to complete the work. Plans and specifications will be sent to the U. S. Engineer Office, 751 S. Figueroa, Los Angeles, where they may be inspected by prospective bidders. Those wishing copies should forward to the Engineer at Conchas Dam, N. M., a certified or cashier's check payable to the Disbursing Officer, U. S. Engineer Office, Conchas Dam, N. M., for \$10, returnable.

The irrigation headworks operating equipment will consist of two emergency 6-ft. x 7-ft. 6-in. hydraulically operated, rectangular slide gates installed in a gate chamber; 2 similar slide gates for service operation installed in an outlet gate house; necessary oil pump, valves and piping, and approx. 161,000 lbs. conduit linings and 263,000 lbs. 90-in diam. steel penstocks installed in 377 ft. of horseshoe tunnel and gate chamber. The work will include the furnishing and installation of the above equip. and other misc. items and the construction of the concrete gate foundations, penstock, cradles and the outlet gate house. 19

BIDS WANTED

BOISE PROJECT, Idaho.—Until Feb. 10, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1181-D, for the construction of structures A-Line canal laterals 5.4 to 9.4, Payette division, Boise, Idaho. The work is located near Plymouth, Idaho.

- Work involves:
- (1) 4,100 c.y. of all classes of excav. for structures;
 - (2) 6,200 c.y. of backfill about struc;
 - (3) 1,050 c.y. of concrete in struc;
 - (4) 2,400 sq. wds. of dry-rock pav;
 - (5) Placing 65,000 lbs. of reinforcement bars;
 - (6) Erecting 5.0 M. ft. B.M. of timber in structures;
 - (7) Laying 1,950 lf. of 15-inch to 36-inch diameter concrete pipe;
 - (8) Laying 40 lf. of 15-inch diam. corrugated metal pipe;
 - (9) Installing 7,000 lbs. of gates; &
 - (10) Installing 3,600 lbs. of misc. metalwork.

Plans and specifications may be obtained from the above office or from Denver, Colo.; no charge to prospective bidders; to others, \$2.50, not returnable. * 19

CONTRACT AWARDED

SAN CLEMENTE, Orange Co., Cal.—Bennett & Taylor, 598 San Fernando Road, Los Angeles, were awarded contract by Supply Depot, 11th Naval District, San Diego, at \$33,164.50, disc. 2% 10 days, 1% 20 days, for construction of gasoline fuel system at San Clemente Island, Schedule 1169. Other bids were:

Aqua Systems, Inc., New York City	\$35,235
Neptune Meter Co.	41,675
L. W. Phillips Co.	43,200

BIDS WANTED

PORTLAND, Ore.—Until Feb. 21, 10:30 A.M., bids will be received by the Bonneville Project, 811 N. E. Oregon St., Portland, for backbone transmission line from dam to Vancouver substation. Involves erection of 374 steel towers and footings, stringing of 219 miles of steel-reinforced aluminum cable.

Plans and specifications may be obtained from the above office. 19

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Calif.—Westinghouse Electric and Mfg. Co., at \$560,-856, awarded contract by Los Angeles Water & Power Commission, for auto transformers, Spec. 2743. 20

BIDS WANTED

DENVER, Colo.—Until Feb. 1, bids will be received by the Purchasing Agent, Bureau of Reclamation, Denver, under Pro. No. C-23416-B, for 1,000 carats bortz for drilling purposes.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

BRISBANE, San Mateo Co., Calif.—Following bids received by the Visitation Elementary School District, Ethel Jonas, Clerk, for furnishing equipment for the Brisbane School, at Brisbane.

H. S. Crocker Co., Inc., 595 Market St., San Francisco, (1) file cabinet \$63.09 (2) teachers desk \$27.59 (3) office desk \$47.38 (4) desk chair \$13.39 (5) chair \$24.82 (6) bookcase \$24.46 (7) rug \$76.51 (8) pad \$9.27 (9) shades — (10) shades — (11) shades — (12) two tables \$79.73 (13) 4 tables \$59.61 (14) desks — (15) kindergarten chair \$4.45 (16) kindergarten chairs \$67.11 (17) auditorium chairs \$223.31 (18) typewriter — (19) davenport \$117.94 (20) arm chair \$52.12 (21) mimeograph \$331.75 (22) mimeoscope \$36.05 (22a) mimeograph equipment — (23) dictionary stand — (24) set of maps —

Ink Ribbon Mfg Co., 635 Howard St., San Francisco, (1) \$46.89 (2) \$25.49 (3) \$40.58 (4) \$10.20 (5) \$15.55 (6) \$12.88 (7) \$88.40 (8) \$9.53 (9) \$61.39 (10) \$6.59 (11) — (12) — (13) \$65.92 (14) — (15) \$40.78 (16) \$61.18 (17) \$48.28 (18) — (19) \$90.64 (20) \$57.68.

J. W. Fricke and Co., 420 Market St., San Francisco, (1) \$50.06 (2) \$27.60 (3) \$43.78 (4) \$14.51 (5) \$25.56 (6) — (7) \$92.70 (8) \$14.00 (9) \$175.30 (10) \$9.43 (11) \$47.07 (12) — (13) — (14) \$3,724.74 (15) \$45.23 (16) \$69.71 (17) \$233.81 (18) — (19) \$116.90 (20) \$59.95.

F. A. Mills, Golden Gate Avenue, San Francisco, (1) \$36.64 (2) \$24.30 (3) \$41.14 (4) \$11.43 (5) \$19.84 (6) \$24.36 (7) \$84.75 (8) \$7.61 (9) — (10) — (11) — (12) \$63.86 (13) \$76.12 (14) \$3,109.31 (15) \$34.86 (16) \$52.28 (17) — (18) — (19) \$99.51 (20) \$82.30.

American Seating Co., 207 Van Ness Ave., San Francisco, (1) \$48.71 (2) \$23.10 (3) \$38.33 (4) \$12.29 (5) \$21.42 (6) \$29.50 (7) \$21.19 (8) \$10.76 (9) \$80.06 (10) \$5.94 (11) \$15.57 (12) \$47.38 (13) \$59.33 (14) \$3,098.24 (15) \$34.61 (16) \$66.91 (17) \$249.26 (18) — (19) — (20) \$49.46 (21) — (22) — (23) \$7.69.

W. R. Wright, 557 Market St., San Francisco, (2) \$29.35 (3) \$42.43 (4) \$14.42 (5) \$25.49 (14) \$3,618.75 (17) \$221.45 (19) \$120.92 (24) \$48.10.

Gill-Mann Co., 160 2nd St., San Francisco, (1) \$36.98 (9) \$80.13 (10) \$7.09 (11) \$14.42 (17) \$262.

Hayward Wakefield Co., (14) \$2,-956.36.

Crawford Typewriter, San Mateo, (18) \$96.37.

Underwood Typewriter Co., San Francisco, (18) \$61.08.

A. Carlisle Co., (21) duplicator \$195.70 (22) \$20.09.

(1329) 1st rep. Jan. 11, 1939. * 20

CONTRACT AWARDED

LOS ANGELES, Calif.—Anaconda Wire & Cable Co., at \$17,348.80, awarded contract by Los Angeles Water and Power Commission, for medium hard drawn, triple braid, weatherproof, insulated copper wire, Spec. 2885.

Items were:

(1a) 76,000 lbs. No. 4;
(1b) 20,000 lbs. No. 8;
(1c) 4,000 lbs. No. 6.

Bids were:

Tri-State Supply Corp.: (1a) \$17.38 cwt., (1b) \$17.35, (1c) \$16.75; 22 days; 38 reels at \$25; ½ of 1% 10 days.

General Cable Corp.: (1a) 17.38¢ per lb., (1b) 17.35¢, (1c) 16.75¢; 14 to 21 days; 35 to 42 days; 38 reels at \$17.00; ½ of 1% 10 days.

Anaconda Wire & Cable Co.: (1a) \$17.33, (1b) \$17.35, (1c) \$16.75; 3 to 30 days; 38 reels at \$20; ½ of 1% 10 days.

Columbia Steel Co.: (1a) \$17.38, (1b) \$17.35, (1c) \$16.75; 21 to 42 days; 38 reels at \$20; ½ of 1% 10 days.

Circle Wire & Cable Corp.: (1a) \$16.85, (1b) \$16.85, (1c) \$16.25; 40 to 90 days; 38 reels at \$18; ½ of 1% 10 days.

Maydwell & Hartzell, Inc.: (a) \$17.38, (1b) \$17.35, (1c) \$16.75; 30 days; 38 reels at \$20; ½ of 1% 10 days.

Phelps-Dodge Copper Products Corporation: (1a) \$17.38, (1b) \$17.35, (1c) \$16.75; 10 days; 38 reels at \$20; ½ of 1% 10 days.

Kennecott Wire & Cable Co.: (1a) \$17.38, (1b) \$17.35, (1c) \$16.75; 35 days; 38 reels at \$20; ½ of 1% 10 days.

BIDS WANTED

YAKIMA PROJECT.—Until Jan. 31, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, V. H. Thompson, Purchasing Agent, Custom House, Denver, Colo., under Bid No. A-35,819-A, for reinforcement concrete bars, f.o.b. shipping point and/or Buena, Wash.

Plans and specifications may be obtained from the above office. 20

BIDS OPENED

SAN FRANCISCO.—Davenport Roofing & Tiling Co., 717 C Street, San Rafael, at \$4,967, submitted low bid to the U. S. Engineer Office, 401 Custom House, San Francisco under Bid No. 868-39-180, for furnishing approx. 474 squares of three-ply cotton fabric and asphalt membrane waterproofing in place on fortification structures at Fort Cronkhite, Marin County.

Complete bids were:

Davenport Roofing & Tiling Co., San Rafael \$4,967
Malott & Peterson, S. F. 5,228
Jack Johnson Co., S. F. 5,596
Alta Roofing Co., S. F. 5,660
J. W. Bender Roofing & Paving Co., San Francisco \$5,877
20

CONTRACT AWARDED

SAN FRANCISCO.—Western Pine & Steel Co. of Calif., 444 Market St., San Francisco, at \$239.48, ½ of 1% 10 days, awarded contract by the U. S. Engineer, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-185, for corrugated pipe and bands for Fort Funston.

California Corrugated Culvert Co., Berkeley, at \$242.55, ½ of 1% ten days, submitted the only other bid.

CONTRACT AWARDED

PANAMA CANAL.—North American Cement Co., 285 Madison Ave., New York City, at \$102,900 awarded

contract by the General Purchasing Officer, Washington, D. C., under Sched. No. 3413, for 42,000 barrels of Portland cement. 20

BIDS OPENED

BONNEVILLE, Oregon.—Following submitted bids to the Department of Interior, 1300 N.E. Union, Portland, under Bid No. 114, for 115 K.V. and 196 K.V. high tension disconnecting switches for substations of Bonneville Transmission System.

Bids were taken on:

(1) 4 switches for Longview;
(2) 3 switches for Longview;
(3) 12 switches for Vancouver;
(4) 9 switches for Vancouver;
(5) 2 switches for Vancouver;
(6) 1 switch for Vancouver.

Complete bids, full delivery points (figures in order of items) were: Power Switch Co., \$6,048; \$6,281; \$19,-458; \$18,843; \$8,578; \$5,478.

James R. Kearney Co., \$6,516; \$6,312; \$19,548; \$18,936; none; none. Maydwell & Hartzell, \$6,516; \$6,-312; \$19,548; \$18,936; none; none. Delta Star Electric Co., \$6,540; \$6,-320; \$19,620; \$18,990; \$8,754; \$5,-569.

Railway and Industrial Engr. Co., \$6,520; \$6,315; \$19,560; \$18,945; \$8,-220; \$5,302.

Pacific Electric Mfg. Co., \$6,392; \$6,-195; \$19,176; \$18,585; \$8,530; \$5,-450.

Graybar Electric Co., \$6,576; \$6,318; \$19,728; \$19,143; \$8,646; \$5,772.

Westinghouse Electric & Mfg. Co., \$6,544; \$6,333; \$19,632; \$18,999; \$8,-690; \$5,456.

Electric Power Equipment Co., \$8,-628 (item 5); \$5,510 (item 6). 20

BIDS OPENED

LOS ANGELES, Calif.—Griffith Co., Los Angeles Railway Building, at \$18,045, submitted low bid to Los Angeles Harbor Department, for asphalt pavement ated floors, roadways and wharf decks under Spec. 985. The items are:

(1) 3000 tons asph. concr. base material;
(2) 3000 tons asph. concr. wearing surf.;
(3) 300 tons fine sheet asphalt or coarse sheet asph. wearing surf.

The bids were:

(A) Griffith Co., \$18,045; (1) \$280; (2) \$2.90; (3) \$3.15.
(B) Sully-Miller Constr. Co., \$19,350; (1) \$2.95; (2) \$3.15; (3) \$3.50.
(C) Oswald Bros., \$21,760; (1) \$3.35; (2) \$3.33; (3) \$5.74.
(D) Anso Constr. Co., \$23,040; (1) \$3.65; (2) \$3.65; (3) \$3.80. 20

CONTRACTS AWARDED

SAN FRANCISCO.—Bay Auto Co., 460 Market St., San Francisco, at \$56.50; \$56.50; \$66.50 and \$81.50 (Prop. A), and Lerer Bros., 375 11th St., San Francisco, at \$46.98 (Prop. B) awarded contracts by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2145, for the rental of automotive equipment for various W P A projects, for the term February 1, 1939-Jan. 31, 1940. 20

CONTRACTS AWARDED

OAKLAND, Calif.—American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$9,100 (item 1) and U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$34,-975.00 (item 2) awarded contracts by East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. LS225 for cast iron pipe of 4- and 6-inch diameter. 20

ENGINEERING NEWS

NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- | | |
|-------------------------------------|---|
| 21.—Bridges | 30.—Reservoirs and Dams |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells |
| 23.—Irrigation Proj. | 32.—Sewers & Sewage Machinery and Equipment |
| 24.—St. Light Systems | 33.—Water Works |
| 25.—Railroads | 34.—Parks & Playgrounds |
| 26.—Fire Alarm Syst. | 35.—Tunnels |
| 27.—Fire Equipment | |
| 28.—Streets & Highways | |

NOTICE TO SUBSCRIBERS

This is the final issue of Pacific Constructor, the publication having been merged with Daily Pacific Builder.

Now in its forty-ninth year, Daily Pacific Builder provides the same authoritative news of the industry in a more complete form, with the added timeliness made possible by its publication every business day of the year.

21—BRIDGES

BIDS WANTED

STATE OF WASHINGTON.—Until Feb. 7, 10:00 A. M., bids will be received by the State of Washington Director of Highways, L. V. Murrow, Olympia, for construction, as follows:

Spokane County: Paving with Portland cement concrete and construction of steel girder undercrossing on 0.4 mile of Primary State Highway 3, Spangle North Undercrossing, FAGH 201-E, Spokane County.

Snohomish County: Paving with Portland cement concrete, construction of reinforced concrete T-beam bridge and one reinforced concrete pier on about 0.1 mile of Primary State River Highway 15, Everett approach to Snohomish River Bridge, FAP 189-H, Snohomish County.

Thurston County: Clearing, grading, draining, and surfacing 4.6 miles of Secondary State Highway 5-H, Rainier to Yelm, FAS 261-D (1), Thurston County.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. 21

BIDS WANTED

SONOMA COUNTY, Calif.—Until Feb. 15, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of two reinforced concrete slab bridges and retaining walls and about 3.2 miles grading and surfacing with gravel base and armor coat between Northwood Park and Guerneville, Sonoma Co.

Work involves:
 (1) 171 sta. clear and grubbing;
 (2) 5,000 M. gals. water.
 (3) 97,410 c.y. roadway excav. without class;
 (4) 800,000 sta. yds. overhaul;

- (5) 4,920 c.y. struc. excav.;
- (6) 2,050 c.y. ditch and channel excavation;
- (7) 143 c.y. remove concrete;
- (8) 10,850 c.y. retaining wall backfill;
- (9) 171 sta. finish roadway;
- (10) 27,670 c.y. gravel base;
- (11) 152 tons liq. asph. SC-1A prime coat;
- (12) 304 tons asphaltic emulsion armor coat and seal coat;
- (13) 4,820 tons screenings armor coat and seal coat;
- (14) 2,400 sq. yds. scarifying and re-shaping exist. surface;
- (15) 116,250 lbs. bar reinf. steel;
- (16) 678 c.y. class A Portland cement concrete structures;
- (17) 17 c.y. class A Portland cement concrete curbs;
- (18) 134 M ft. board measure treated douglas fir timber;
- (19) 720 lf. solid timber railing;
- (20) 8,375 lf. furnish treated douglas fir piles including test piles;
- (21) 94 each drive treated douglas fir piles including test piles;
- (22) 5,460 lf. furnish steel bulkhead and anchor piles;
- (23) 135 each drive steel bulkhead piles;

- (24) 235 each drive steel anchor piles;
 - (25) 42,600 lbs. misc. steel;
 - (26) 20 c.v. sacked conc. riprap;
 - (27) 538 lf. 8-in. CMP;
 - (28) 2,982 lf. 18-in. CMP;
 - (29) 526 lf. 24-in. CMP;
 - (30) 188 lf. 30-in. CMP;
 - (31) 370 lf. 36-in. CMP;
 - (32) 90 lf. 36-in. CMP 10 gauge;
 - (33) 106 lf. 60-in. CMP 8 gauge;
 - (34) 1,048 lf. 8-in. perf. metal pipe;
 - (35) 160 c.y. rock filling material;
 - (36) 90 lf. remove pipe culverts;
 - (37) 28 each spillway assemblies;
 - (38) 1,560 lf. laminated guard rail;
 - (39) 4 each cast steel frames and covers for drop inlets;
 - (40) 72 each guide posts;
 - (41) 78 each culvert markers;
 - (42) 216 each monuments;
 - (43) 1 lot remove exist. structs.;
 - (44) 1 lot misc. bridge items.
- Plans and specifications may be obtained from the above office. * 21

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until February 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete rigid frame bridge at Station 142 plus 10 about 4 miles west of Corona (VIII-Riv-43-A), Riverside County.

Work involves:
 (1) 1,200 c.y. struc. excav.;
- (2) 134,000 lbs. bar. reinf. steel;
- (3) 750 c.y. Class A portland cement concrete;
- (4) 132 lf. solid timber railing;
- (5) 1 lot misc. items of work.

Plans and specifications may be obtained from the State Highway Engineer, Public Works Bldg., Sacramento. * 21

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until February 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge consisting of two 43-ft. 6-in. spans and two 36-ft. 6-in. spans on concrete piers and abutments with

timber pile foundations across Paso Robles Creek about six miles south of Paso Robles, San Luis Obispo County.

Work involves:
 (1) 1 only, remove existing bridge;
 (2) clear and grub;
- (3) 200 c.y. unclass. rdwy. excav.;
- (4) 1,500 c.y. struc. excav.;
- (5) 550 c.y. imported borrow;
- (6) 11 tons liquid asph. SC-2 road mix surf. treat.;
- (7) 900 sq. yds. prepare, mix and shape roadbed;
- (8) 350 c.y. salvage surf. detour;
- (9) 128,000 lbs. bar reinf. steel;
- (10) 138 c.y. Class A Portland cement conc. footing block;
- (11) 700 c.y. do for struc.;
- (12) 13 c.y. do, for railing;
- (13) 4,890 lf. furnish Douglas fir piles, including test piles;
- (14) 162 each drive do;
- (15) 5 c.y. broken concrete riprap;
- (16) 220 lf. moving and resetting guard rail;
- (17) 1 only detour bridge;
- (18) 350 lf. temporary guard rail;
- (19) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. 21

AWARD RECOMMENDED

TEHAMA COUNTY, Calif.—Joseph Shaw, 100 Broadway Terrace, Oakland, at \$110,000.31 recommended for award of contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 1,098 miles of grading and constructing bridges on portions of Sections A, B, C and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County. * 21

BIDS WANTED

WINSLow, Navajo Co., Arizona.—Until Feb. 7, 10:00 A. M. (postponed from Jan. 27), bids will be received by Arizona State Highway Commission, Phoenix, for construction of steel plate girder bridge on concrete pile foundations at the highway crossing of the Little Colorado River about 2 1/2 miles east of Winslow on Holbrook-Winslow Highway, FA 40-B (1) (1939-A) AFE 6605.

Work includes:
 (1) 880 c.y. struc. excav.;
- (2) 972 c.y. Class A concrete;
- (3) 655 c.y. Class D concrete;
- (4) 183,200 lbs. reinf. steel;
- (5) 746,600 lbs. struc. steel;
- (6) 6,830 lf. concrete piles;
- (7) 164 each driving piles;
- (8) 145 lf. concrete test piles;
- (9) 3 each driving test piles;
- (10) 8,420 lf. steel sheet piling;
- (11) 248 each driving steel sheet piling;
- (12) 1,300 c.y. rock backfill.

Certified or cashier's check for 5% must accompany bid. Howard S. Reed, State Highway Engineer. * 21

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento on Feb. 8, and in Los Angeles on Feb. 9, 1939.

Following is a list of blue prints and prices:
 I-HUB-2-B. Across Ohman Creek about 9 miles N. of Garberville. Bids to be opened in Sacramento. PLANS—No. of Sheets 12, cost \$1.80; CROSS-

SECTIONS—No. of Sheets 7, cost, \$0.70, total \$2.50.

VII-Yen-138-E. Across Cuyama River near Ozena. Bids to be opened in Los Angeles. PLANS—No. of Sheets 5, cost \$0.80; CROSS-SECTIONS—No. of Sheets, none, total \$0.80.

VII-L.A.-165-L.A. On North Figueroa Street, between Sunset Blvd. and Diamond Street. Bids to be opened in Los Angeles. PLANS—No. of Sheets 57, cost \$5.70; CROSS-SECTIONS—No. of Sheets 12, cost \$1.20, total \$6.90.

VIII-SB9-26-D and 9A. Bridges across Etiwanda Wash. Bids to be opened in Los Angeles. PLANS—No. of Sheets 19, cost \$2.40; CROSS-SECTIONS—No. of Sheets, none, total \$2.40.

X-Sta-4-A. Overhead structure over the tracks of the Southern Pacific Railway south of Turlock. Bids to be opened in Sacramento. PLANS—No. of Sheets 34, cost \$5.10; CROSS-SECTIONS—No. of Sheets 37, cost \$3.70, total \$8.80.

(Plans and special provisions for this project have been revised).

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif. * 21

BIDS WANTED

STATE OF WASHINGTON—As previously reported, until February 7, 10 A. M. bids will be received by the State of Washington, Director of Highways, 10 V. Murrow, Olympia, for construction as follows:

Spokane County: Paving with portland cement concrete and constructing a steel girder undercrossing on about 4 mile of Primary State Highway No. 3, Spangle North Undercrossing, Federal Aid Grade Crossing Project No. FAGH 201-E (1), in Spokane County, involving about 28,940 cubic yards of excavation, 4,680 cubic yards of selected roadway borrow, 5,021 square yards of cement concrete pavement, 11,680 pounds of steel reinforcing bars, 310 cubic yards of cast concrete, 368,000 pounds of structural steel, 7,600 pounds of cast steel 45,000 pounds of wrought iron, 2,920 lb. of pipe culverts and other items.

Snohomish County: Paving with portland cement concrete, constructing a reinforced concrete T-beam bridge and one reinforced concrete pier on about 1/2 mile of Primary State Highway No. 15, Everett Approach to Snohomish River Bridge, Federal Aid Project No. 189-H (1) in Snohomish county, involving about 5,560 c.y. of excavation, 1,738 sq. yds. of cement concrete pavement, 2,343 c.y. of concrete, 379,490 lbs. of steel reinforcing bars, 2,800 pounds of structural steel, 6,056 lb. of treated timber piling, 618 lb. of pipe culverts and other items.

Thurston County: Clearing, grading and surfacing of about 4.6 miles of Secondary State Highway No. 5-H, Rainier to Yelm, Federal Aid Secondary Project No. FAS 261-D (1) in Thurston County, involving about 28 acres of clearing, 137,550 cubic yards of excavation, 2,030 cubic yards of shoulder material, 6,310 cubic yards of selected roadway borrow, 9,410 cu. yds. of crushed stone surfacing, 3,650 lb. of cable guard rail design No. 6, 12 MEM. of treated timber and lumber, 2,290 lb. of pipe culverts and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. * 21

22— DREDGING HARBOR WORKS, EXCAVATION

BIDS WANTED

UMATILLA COUNTY, Ore.—Until Feb. 9, 3:00 P. M., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-39-89, for clearing the channel of Umatilla River between Yoakum and Nolin, Oregon.

Work involves:
(1) Clearing and grubbing;
(2) 15,000 c.y. excavation.

Plans and specifications may be obtained from the above office. * 22

BIDS WANTED

SACRAMENTO, Cal.—Until Feb. 10 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Bid No. 1105-39-152, for dredging approx. 2,465,700 cu. yd. of materials from the San Joaquin river deep water channel.

Plans and specifications may be obtainable from the above office. * 22

BIDS WANTED

OAKLAND, Calif.—Until Feb. 6, 4:30 P. M., bids will be received by the Oakland Port Commission, Foot of Grove Street, Oakland, for dry-docking the Port dredge.

Plans and specifications may be obtained from the above office. * 22

23— CANALS

CONTRACTS AWARDED

SUISUN, Solano Co., Calif.—A. J. Miller at \$725, awarded contract by the Suisun City Council, Suisun, for the construction of a levee around the area between the Southern Pacific right-of-way, Union Ave. and Common St. * 23

BIDS WANTED

BOISE PROJECT, Idaho.—Until Feb. 9, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. No. 1180-D, for the construction of structures, Black Canyon canal laterals 248 to 262 and A-Line canal laterals 2.0 to 4.4, Payette division, Boise, Idaho. The work is located near New Plymouth, Idaho.

Work involves:
(1) 4,100 c.y. of all classes of excav. for structures;
(2) 5,500 c.y. of backfill about struc.;
(3) 1,050 c.y. yards of concrete in structures;
(4) 2,200 sq. yds. of dry-rock pav.;
(5) Placing 65,000 lbs. of reinforcement bars;
(6) Erecting 2.0 M. ft. B.M. of timber in structures;
(7) Laying 1,830 lb. of 15-inch to 36-inch diameter concrete pipe;
(8) Laying 70 lb. feet of 15-inch diameter corrugated metal pipe;
(9) Installing 5,500 lbs. of gates; &
(10) Installing 3,600 lbs. of misc. metalwork.

Plans and specifications may be obtained from the above office and from the office of the Bureau at Denver, Colo.; no charge to prospective bidders; to others, \$2.50, not returnable. * 24

25— MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts for oil circuit breakers, Spec 2783, were awarded by Los Angeles Wa-

ter & Power Commission, as follows:
General Electric Co., Items
1 and 2 at \$442,850
Kelman Electric and Mfg.
Co., Item 3 at 80,414

January 26, 1939

CONTRACT AWARDED

LOS ANGELES, Cal.—Allis-Chalmers Mfg. Co., at \$432,253, awarded contract by Los Angeles Water and Power Commission, for transformers, Spec. 2800. * 25

BIDS WANTED

CHEHALIS, Lewis Co., Washington.—Until Feb. 20, 7:30 P. M., bids will be received by the Public Utility District 1, G. A. Peters, Secretary, Courthouse, Chehalis, Lewis County, under REA Project Washington 9027(G), Lewis, for furnishing diesel engines, electric equipment, power house building and accessories for generating station.

Complete Diesel-Electric generating station tested and ready for operation including 2 Diesel engine-generator units of about 37.5 true or 47 Kva capacity each with starters, radiators and accessories, switchboard, power house structure, foundations, fuel tank and complete installation of equipment.

Plans and specifications may be obtained from Consulting Engineers Baar and Cunningham, Spaulding Building, Portland, upon the deposit of \$5.00. * 25

BIDS WANTED

WASHINGTON, D. C.—Until Jan. 30, bids will be received by the Purchasing Officer, Interior Department, Washington, D. C., under Bid No. 4555, for two air operated concrete vibrators, for Boulder City.

Plans and specifications may be obtained from the above office. * 25

BIDS WANTED

YAKIMA PROJECT.—Until Feb. 8, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1178-D, for furnishing and delivering a radial-gate hoist to be used for the operation of a radial gate installed in the headworks of the Roza diversion dam, Roza division, Yakima Project, Washington; f.o.b. shipping point and/or Crownover, Washington. The radial-gate hoist will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others \$0.75, not returnable. * 25

LOW BIDDERS

CENTRAL VALLEY PROJECT.—General Electric Co., Schenectady, N. Y., at \$249,999, submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. No. 816, for furnishing and installing four 75,000-kva. unit-power-factor, 138½-v. r.m.m., 13,800-volt, 3-phase, 60-cvcl, vertical-shaft, alternating-current generators for the Shasta power plant, Central Valley Project, California.

Westinghouse Electric and Mfg. Co., Denver, at \$255,500 submitted the second low bid. Allis-Chalmers Mfg. Co., Milwaukee, Wis., at \$254,043, submitted the third low bid.

Complete bids will be published shortly. * 25

BIDS OPENED

LOS ANGELES, Cal.—Bids for the rental of a 210-cf. air compressor complete, for use in Orange, Ventura and Los Angeles Counties, on intermittent work up to July 1, opened by the State Highway Department, Los Angeles, were:

Pneumatic Mchy. Co., Inc., 210-ft. Gardner-Denver, operating time \$7.24 hour; traveling time, \$3.75 hr. Alt., 210-ft. Gardner-Denver, 2-stage, operating, \$6.39 hr.; traveling, \$3.60 hr. Consolidated Crane Service: portable Ingersoll-Rand 220, \$5.90 per hr., portable Rix 210 ft., \$5.90 hr.; traveling, \$2.75.

Emasco Concrete Cutting Corp.: Gardner-Denver 210 or over, \$7.00 per hour; traveling, 1.75; 11 compressors are available at all times. 25

BIDS WANTED

YAKIMA PROJECT.—Until Feb. 9, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. No. 1179-D, for furnishing and delivering seven revolving fish screens, complete and one additional roller chain for the headworks of the Yakima Ridge canal at the Roza diversion dam, Roza division, Yakima project; f.o.b. shipping point and/or Crownover, Washington.

All of the materials will be installed by the Government.

Plans and specifications may be obtained from the above office; no charge to prospective bidders; to others, \$1.00 not returnable. 25

BIDS WANTED

SEQUOIA NATIONAL PARK, Tulare Co., Calif.—Until Feb. 20, 2:00 P. M., bids will be received by Daniel J. Tobin, acting supt., Sequoia National Park for furnishing 8 units of materials for construction of incinerator, f.o.b. bidder's shipping point and/or Lemon Cove.

- Units are:
- (1) fire brick and fire clay;
 - (2) iron castings and grates;
 - (3) galv. steel pipe, fittings, gate valves, etc.
 - (4) oil burner and accessories;
 - (5) galv. steel fuel oil storage tank, 5x10 ft.
 - (6) redwood water storage tank, 6x6 ft.
 - (7) fabricated steel stack 45 ft. high, 20 in. I. D.;
 - (8) reinf. steel bars and black annealed wire. 25

BIDS WANTED

SAN FRANCISCO.—Until Jan. 31, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-39-188, for the rental of one road roller, with operator.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

PANAMA CANAL.—Until Feb. 6, 10:30 A. M., bids will be received by the General Purchasing Officer, Washington, D. C., under Sched. No. 3419, for furnishing material and equipment for rebuilding of steam plant at Gorgas Hospital, Ancon, C. Z. Equipment includes boiler room equipment, water heaters, condensate pump, steam traps, brass pipe fittings, and float valve; fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office or from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco. 25

BIDS OPENED

ALAMEDA and Contra Costa Cos., Cal.—C. E. Huls, P. O. Box 963, Merced, at \$5.25, submitted low bid to State Division of Highways, John H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental of one not less than 4/10-cu. yd. capacity truck shovel equip-

ped with both shovel dipper and clamshell, to be used for approx. 420 hours work in Alameda and Contra Costa Counties.

Total bids were:

C. E. Huls, Merced.....	\$5.25
A. J. McCosker, Oakland.....	5.64
Rock & Gravel Trucking Co., Oakland.....	6.50
	25

COMPLETE BIDS

CENTRAL VALLEY PROJECT.—General Electric Co., Schenectady, N. Y., at \$2,490,999, submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. No. 816, for furnishing and installing four 75,000-kva, unity-power-factor, 138½-r.p.m., 13,800-volt, 3-phase, 60-cycle vertical shaft, alternating-current generators for the Shasta power plant, Central Valley Project, Calif.

Complete bids follow:
General Electric Co., Schenectady, N. Y., \$2,490,999; net; fob Schenectady, N. Y.
Westinghouse Electric & Mfg. Co., Denver, \$2,555,000; net; fob East Pittsburgh, Pa.
Allis-Chalmers Mfg. Co., Milwaukee, Wis., \$2,584,043; net; fob Milwaukee. 25

BIDS OPENED

SAN MATEO and Santa Cruz Cos., Cal.—Following submitted bids to the State Division of Highways, John H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for the rental of one ¾ to 1 c.y. capacity crawler type power shovel, and 4 pneumatic tired, 4-c.y. capacity dump trucks to be used for approximately 600 hours work in San Mateo and Santa Cruz Counties.

Bids were:
Manuel F. Cunha & Chas. W. Beuhler, Millbrae, \$5.25 (shovel); \$3.00 (power loading); \$3.00 (bunker loading).

L. C. Smith and K. I. Dowdy, San Mateo, \$6.64; \$2.82; \$2.42.
Al Clem and San Mateo Feed & Fuel Co., San Francisco, \$6.72; \$3.15; \$2.95.

Shovel & Truck Crane Service Co. and N. Giorgi, San Francisco, \$6.87; \$3.00; \$3.00.

J. P. Holland, Jr., San Francisco, \$6.90; \$2.99; \$2.69.

C. E. Huls, Merced, \$6.90; \$2.85; \$2.65.

Oranges Bros., Stockton, \$6.90; \$2.75; \$2.75.

Al Clem and H. Simon, \$6.94; \$2.98; \$2.85.

Rock & Gravel Trucking Co., Oakland, \$8.00; \$3.15; \$2.90.

Norman Mason, Fair Oaks, \$8.00; \$3.15; \$2.95.

Rosenberg & Simon, San Francisco \$8.50; \$3.15; \$3.00. 25

BIDS WANTED

SAUSALITO, Marin Co., Cal.—Until February 7, 8 P. M., bids will be received by the Sausalito City Council, W. Z. Tiffany, City Clerk, Sausalito, for police car and certain equipment. Allowance is to be made on existing police car and equipment.

Plans and specifications may be obtained from the above office. 25

BIDS WANTED

PORTLAND, Ore.—Until Feb. 18, 10:30 A. M., bids will be received by the Bonneville Project, 811 NE Oregon St., Portland, under Invt. 138 for three 4,000-kva single phase 60-cycle transformers, oil insulated, self cooled, outdoor type, with inert gas equipment and tap-changing devices and accessories; fob Eugene.

Plans and specifications may be obtained from the above office.

CONTRACT AWARDED

COLUMBIA BASIN PROJECT.—Enterprise Foundry Corp., 2902 19th St., San Francisco, at \$11,070, awarded contract by the U. S. Bureau of Reclamation, under Spec. No. 1163-D, for furnishing and delivering eighteen cast-steel, draft-tube pier noses for the Grand Coulee power plant, Columbia Basin Project, Washington; f.o.b. shipping point and/or Odair, Wash. The pier noses will be installed by the Government. 25

BIDS WANTED

LOS ANGELES, Calif.—Until Feb 14, 2 P. M., bids will be received by the Los Angeles Water and Power Purchasing Agent for:

- (1) eight 287,000-volt, 1200-amp, 3-pole, outdoor type, motor gang operated, disconnecting switches of the vertical break type for horizontal mounting:
 - (a) fob cars or truck, bidder's factory;
 - (b) 4 switches fob cars Silver Lake calif. and 4 switches fob cars or trucks, Victorville;
 Option to purchase a spare unit as per (1).
- (2) one 287,000-volt, 600-amp, outdoor type, 3-pole, manually gang operated grounding switch, fob 5740 Whittall Highway.
- (3) one group, 132,000-volt, 1200-amp, disconnecting switches, fob 5740 Whittall Highway;
- (4) 3 groups of 132,000-volt, 600-amp, outdoor type, disconnecting switches, fob 5740 Whittall Highway. 25

BIDS WANTED

SAN FRANCISCO.—Until Feb. 3, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 2152 for furnishing passenger type motor buses.

Plans and specifications may be obtained from the above office. 25

BIDS OPENED

BONNEVILLE, Ore.—Following submitted bids to J. D. Ross, Administrator, The Bonneville Project, 1300 N.E. Union, Portland, under Bid No. 119, for insulator units, f.o.b. North Vancouver or f.o.b. shipping point.

Bids were:
Item 1, 269 insulators, f.o.b. Vancouver, identical bids of \$16,462.80 submitted by Ohio Brass Co., Royal Electric Manufacturing Co., Graybar Electric Co., Westinghouse Electric and Manufacturing Co., General Electric Co., Lapp Insulator Co., General Electric Supply Corp., Line Material Co., Jobbers Supply Co., Jeffery-DeWitt Insulator Co. bid \$17,496, f.o.b. Vancouver.

Item 1, 269 insulators, f.o.b. shipping point: Identical bids of \$15,979 submitted by General Electric Co., General Electric Supply Corp., Line Material Co.

Item 2, 45 insulators, f.o.b. Vancouver. Identical bids of \$4590 submitted by Ohio Brass Co., Royal Electric Manufacturing Co., Graybar Electric Co., Westinghouse Electric and Manufacturing Co.; General Electric Co.; Lapp Insulator Co.; General Electric Supply Corp.; Line Material Co.; Jobbers Supply Co., Jeffery-DeWitt Insulator Co. bid \$4878 f.o.b. Vancouver.

Item 2, 45 insulators, f.o.b. shipping point. Identical bids of \$4455 submitted by General Electric Co.; General Electric Supply Corp. and Line Material Co. 25

CONTRACT AWARDED

OAKLAND, Calif.—A. J. McCosker, 5509 Broadway, Oakland, at \$3,600,

awarded contract by the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 1123, for the rental of truck for 1939. * 25

BIDS REJECTED

OAKLAND, Calif.—The East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, rejected all bids for one special motor truck chassis, under Pro. No. 1121. * 25

BIDS OPENED

COLUMBIA BASIN PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1167-D, for furnishing and delivering misc. metalwork for fish traps for the control of migratory fish at the Rock Island Dam, Columbia Basin Proj., Washington: fob shipping point and/or railroad destination. The materials will be installed by the Government; Hansell-Elcock Co., Chicago, \$7,528; ½% 30 days; fob Chicago.

City Iron Works, Portland, \$5,613; net; fob Portland.

Lincoln Steel Works, Lincoln, Nebr., \$5,612; net; fob Lincoln.

John W. Beam, Denver, \$3,850; ¼% 30 days; fob Peotone, Ill.

The Stearns-Roger Mfg. Co., Denver, \$4,920; net; fob Denver.

Schmitt Steel Co., Portland, \$5,750.50 ¼% 30 days; fob destination.

Steel Const. Co., Portland, \$5,698; ¼% 30 days; fob destination.

Lakeside Bridge & Steel Co., Milwaukee, Wis., \$5,146; net; fob Milwaukee.

Independent Iron Works, Ltd., Oakland, \$11,500; ½% 30 days; fob Oakland.

Sumner Iron Works, Everett, Wash., \$6,609; ¼% 30 days; fob Everett.

Union Iron Works, Spokane, Wash., \$5,850; net; fob Spokane.

Berkeley Steel Const. Co., Inc., Berkeley, Calif., \$5,250; ½% 30 days; fob Berkeley.

Sylvester Sternberg, Inc., Brooklyn, N. Y., \$5,609; ½% 30 days; fob Brooklyn.

Milwaukee Bridge Co., Milwaukee, \$6,224; ½% 30 days; fob Milwaukee.

Spuck Iron & Foundry Co., St. Louis, \$4,800; net; fob St. Louis.

Smith Corp. d/b/a General Iron and Steel Works, Portland, \$6,070; net; fob Portland. * 25

BIDS OPENED

LOS ANGELES, Calif.—Bids for one 60,000 kva, 13,800 volt, 60 cycle, 3 phase, hydrogen cooled, synchronous condenser, complete, Spec. 2844, were opened by D. P. Nicklin, Purchasing Agent, Los Angeles Water and Power Department. Bids were taken as follows:

(a) f.o.b. cars bidder's shipping pt.; (b) f.o.b. cars So. Pac. siding, No. Hollywood;

(c) optional, f.o.b. cars bidder's shipping point with full freight allowed to Los Angeles.

Deduction or addition for furnishing vacuum tube type exciter and vacuum tube type voltage regulator, suitable for use with condenser in lieu of motor generator exciter set and voltage regulator specified.

Services of erecting engineer, per day.

The bids were: General Elec. Co.: (a) \$294,529, (b) \$304,889, (c) \$304,889. Deductions or additions: (a) \$6644 plus \$9116, (b) \$6644 plus \$9116, (c) \$6644 plus \$9116 (10% excess tube exciters). Deduct \$1304 for omission of motor generator spare parts. Deduct \$4948 for omission of spare armature parts. Deduct \$1800 for

omission of tests. Erecting engineer, \$25 per day. Deliv. 240 days. Est. shipping weight complete, 582,000 lbs.

Westinghouse Elec. & Mfg. Co.: (a) \$300,100, (b) \$313,500, (c) \$313,500. No deductions or additions. Erecting engineer, \$30. Deliv. 240 days. Weight, 682,000 lbs.

Allis-Chambers Mfg. Co., Milwaukee, Wis.: (a) \$310,622, (b) \$321,842, (c) \$321,842. Additions: (a) add \$20,000. Erecting engineer, \$25. Deliv. 330 days. Weight, 650,000 lbs. * 25

CONTRACT AWARDED

COLUMBIA BASIN PROJECT.—Kenworth Motor Truck Corp., Seattle, Wash., at \$59,041.22, awarded contract by the U. S. Bureau of Reclamation, under Spec. No. 1158-D, for furnishing and delivering eight tank trucks for transporting fish for the control of migratory fish, Columbia Basin Project, Washington; f.o.b. shipping point and/or Wenatchee, Washington. * 25

BIDS OPENED

OWYHEE PROJECT, Ore.-Idaho.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1165-D, for furnishing and delivering a plate-steel surge tank and discharge-pipe liner for the discharge pipe at the Ontario-Nyssa pumping plant, Owyhee project, Oregon-Idaho; fob shipping point and/or Dunaway, Oregon. All of the materials will be installed by the Government. Bids were:

The Stearns-Roger Mfg. Co., Denver, \$3,724; net; fob Denver.

Lakeside Bridge & Steel Co., Milwaukee, Wis., \$3,200; net; fob Milwaukee.

Graver Tank & Mfg. Co., Inc., E. Chicago, Ind., \$3,735; net; fob East Chicago.

Lancaster Iron Works, Lancaster, Pa., \$4,483.90; ½% of 1% 30 days; net; fob Lancaster.

Beall Pipe & Tank Corp., Portland, \$4,165; net; fob Portland.

Lacy Mfg. Co., Los Angeles, \$3,760; net; fob Los Angeles.

Smith Corp. d/b/a General Iron & Steel Works, Portland, \$4,095; net; fob Portland.

Brown Sheet Iron and Steel Co., St. Paul, \$2,990; 2% 30 da.; fob Minnesota Transfer, Minn.

Boiler Tank & Pipe Co., Oakland, \$3,575; net; fob Oakland.

Western Pipe & Steel Co. of Calif., San Francisco, \$3,762; net; fob South San Francisco.

Steel Construction Co., Portland, \$4,262; ½% of 1% 30 days; fob Dunaway, Ore.

Pittsburgh-Des Moines Steel Co., Des Moines, Ia., \$4,321; net; fob Des Moines.

Consolidated Steel Corp., Ltd., Los Angeles, \$3,518; net; fob Los Angeles.

Chicago Bridge & Iron Co., Chicago, \$4,300; net; fob Washington Heights, Ill.

Union Iron Works, Spokane, Wash., \$4,287; net; fob Spokane.

Commercial Boiler Works, Seattle, \$4,390; 1% 30 days; fob Seattle.

The Steel Tank & Pipe Co. of Oregon, Portland, \$3,600; net; fob Portland.

Columbian Steel Tank Co., Kansas City, Mo., \$3,600; ½% 30 days; fob Kansas City.

Commercial Iron Works, Portland, \$5,287; net; fob Portland.

Southwest Welding & Mfg. Co., Alhambra, Calif., \$3,500; ¼% 30 days; fob Alhambra.

Bethlehem Steel Co., Bethlehem, Pa., \$3,505; net; Leedsdale, Pa.

John W. Beam, Denver, \$4,100; ¼% 30 days; fob Chicago.

McCulloch & Sons, Portland, \$3,755; net; fob Portland.

Berkeley Steel Const. Co. Inc., Berkeley, Calif., \$3,800; ½% 30 days; fob Berkeley. * 25

BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. No. 1166-D, for furnishing and delivering two turbine inlet pipe for units A-6 and A-7 at the Boulder power plant, Boulder Canyon project; fob shipping point and/or Boulder City, Nev. The turbine inlet pipes will be installed by the Government.

Consolidated Steel Corp., Ltd., Los Angeles, \$18,155; fob Los Angeles.

Hardie-Tynes Mfg. Co., Birmingham, Ala., \$20,299; fob Birmingham.

American Locomotive Co., New York City, \$18,990; fob Dunkirk, N. Y. * 25

27—WPA PURCHASES, RENTALS**BIDS OPENED**

SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6907: (misc. hardware) Mangrum, Holbrook and Elkus: \$4.77 (2); \$248.04; 2%—30.

Baker, Hamilton and Pacific: \$3.37; \$4.00; \$376.50; 2%—30.

A. J. Glesener: \$3.35 (2); \$174.20; 2%—30.

Dunham, Carrigan and Hayden: \$4.09 (2); \$212.68; 2%—30.

Bovle Mfg. Co.: \$3.90; \$3.56; \$390.12; 2%—30.

BID NO. 6904: (rental—1½-ton truck; San Francisco) Evans Auto & Truck Rental: \$59; net.

W. A. Croll: \$79.50; net. Guido Morr: \$60; net.

Eaton and Smith: \$62.50; net. Lerer Bros.: \$61.48; net.

R. A. Ward: \$84; net. H. E. Springer Coal Co.: \$110; 1%—20.

BID NO. 6905: (rental—1½-ton truck; San Francisco) Ierer Bros.: \$41.40; net.

R. Barbellini: \$226; 2%—20. Evans Auto and Truck Rental: \$46.40; net.

BID NO. 6906: (rental—3-ton truck; San Francisco) Ierer Bros.: \$64.40; net.

Eaton and Smith: \$71.25; net. Evans Auto and Truck Rental: \$72.50; net.

P. Sutsons: \$78; net. **BID NO. 6903:** (conc. buckets; chain; expansion joint; San Jose)

Dunham, Carrigan and Hayden: \$11.97; \$10.49; no bid; no total; 2%—30.

Ducommun Metals: \$11.85; \$10.69; no bid; \$124.55; 2%—30.

Farmers Union: \$12.65; \$10.35; no bid; 2%—30.

Williams and Wallace: no bid; no bid; \$0.0226; \$226; 2%—30.

Bovle Mfg.: \$9.60; no bid; no bid; \$57.60; 2%—30.

W. S. Wetenhall: no bid; no bid; \$0.0226; \$226; 2%—30.

Bay Cities Asbestos: no bid; no bid; \$0.0232; \$232; 2%—30.

Servicezed Prop. Corp.: no bid; no bid; \$0.018; \$180; 2%—20.

San Jose Hardware: \$12.65; \$8.90; no bid; \$120.40; 2%—30.

Western Asbestos Co.: no bid; no bid; \$0.0144; \$144; 2%—20.

Warren and Bailey: no bid; no bid; \$0.0266; \$226; 2%-30.
 C. W. Marwedel: no bid; \$10.15; no bid; \$50.75; 2%-30.
 Marshall-Newell Supply: no bid; \$10.62; no bid; \$53.10; 2%-30.
 National Expansion Joint Co.: no bid; no bid; \$0.02; \$200; 2%-30.
 Round Calif. Chalm Corp.: no bid; \$10.69; no bid; \$53.45; 2%-30.
 Baker, Hamilton and Pacific: \$13.-20; \$10.15; \$0.0345; 2%-30; \$474.-95.
 A. J. Glesener: \$10.55; \$8.70; no bid; 2%-30.
 W. J. Burke and Co.: no bid; no bid; \$0.029; \$290; 2%-30.
 Gunn, Carl and Co.: no bid; no bid; \$3.45; \$345; 2%-20.
 San Jose Supply House: \$12.55; \$10.08; \$28.20 (1000) \$507.70; 2%-20.
 Johns Manville: no bid; no bid; \$0.15; \$155; 2%-20. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6893: Calif. Corr. Culvert: \$554.57; ¼ of 1%-20; CMP.
 BID NO. 6887: Van Cleve Const. Co.: \$1880.35; net; conc. irr. pipe.
 BID NO. 6886: Calif. Corr. Culvert: \$2205.51; ¼ of 1%-20; CMP.
 BID NO. 6885: Western Pipe and Steel: \$904.80; ¼ of 1%-20; CMP.
 BID NO. 6887: Westinghouse Elec. Supply: \$709.49; var. disc. and S. P. Lighting Co.: \$1.45; (8); elec. supplies.
 BID NO. 6859: Jourdan Conc. Pipe: \$683.55; net; conc. pipe.
 BID NO. 6824: Oakland L. C.: \$675.-67; 2%-20; lumber. * 27

BIDS WANTED

SAN FRANCISCO.—Until Feb. 1, 10:00 A.M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth Street, (Room 518) San Francisco, under Bid No. 6931, for the rental of one motor road patrol grader with a minimum of 55 H.P., equipped with 12-ft. road blade and a 9-tooth scarifier and one tandem roller to be not less than 8 tons capacity; f.o.b. Winters. * 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6888: Western Oil & Burner Co.: \$0.0525; \$126; net; fuel oil.
 BID NO. 6880: Loop L. C.: \$536; 2%-30; lumber.
 BID NO. 6878: Christesen L. C.: \$252.-75; 2%-30; lumber.
 BID NO. 6877: Jones Harwood: \$367.98; 2%-20; 1%-30; oak lumber.
 BID NO. 6876: Smith L. C.: \$1680.-91; 2%-10th prox.; lumber.
 BID NO. 6875: Stockton L. C.: \$424.-64; net; lumber.
 BID NO. 6871: Western Pipe and Steel: \$348; ½ of 1%-20; CMP culvert.
 BID NO. 6866: Graybar Elec.: \$543.-60; 2%-10th prox.; elec. supplies.
 BID NO. 6796: International Harvester Co.: \$764.96; four truck chassis: total \$3098.61; net.
 BID NO. 6865: Union Paving Co.: \$427.80; net; asphalt concrete.
 BID NO. 6864: Melrose Bldg. Mat.: \$39.75; 2%-30; \$1.75; dry concrete mix.

BID NO. 6862: Basalt Rock Co.: \$2272; net; \$7.10; readymix conc.
 Bid NO. 6858: P. E. O'Hair: \$351.-60; 2%-30; lav. supplies.
 Bid NO. 6839: R. L. Norris: \$150; \$1.50; \$1.50; \$1.50; \$2.50; \$2.50; \$7.00; net; \$2610; Jrlil well
 BID NO. 6829: A. I. Mitchell: \$1264.-81; 2%-20; pipe and fittings.
 BID NO. 6827: Rojek Mch. Co.: \$25; 3%-20; centrifugal pump. * 27

BIDS OPENED

SAN FRANCISCO.—The following bids opened by the U. S. Treasury Dept., 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6894 (plumbing supplies; Fort Baker):
 Dallman Supply: \$917.62; 2% 30.
 Northern Calif. Hardware & Steel: \$917.66; 2% 30.
 United Pipe & Supply; Gilmore Steel and Supply; Grinnell Co.; Tay-Holbrook; Crane Co.; Walworth-Calif.; P. E. O'Hair; Dunham, Carrigan & Hayden; Calif. Steam & Pibg. Supply; Baker, Hamilton & Pacific; Richmond Sanitary; A. L. Mitchell; Olsen & Heffernan; Pacific Plbg. and Htg. Supply; Standard Supply Co.; Dalziel Co.; and Oakland Sheet Metal Supply; identical.
 BID NO. 6870 (electrical supplies; Letterman Hospital):
 Baker, Hamilton & Pacific; no total; partial bid; var. disc.
 Dunham, Carrigan & Hayden; do. Crescent Elec.; \$988.68; var. disc.
 Apex Bolt Prod. Co.: \$9.60; 2% 20; partial bid.
 U. S. Rubber Co.: partial bid; no total; var. disc.
 Grey Electric Supply: same.
 Incandescent Supply: same.
 Calif. Elec. Supply: \$641.08; various disc.; partial bid.
 Coast Elec. Supply: \$757.02; partial bid; no total.
 Samuel Ran: \$583.11; partial bid; 2% 30.
 Elec. Corp.: \$754.59; various disc.; partial bid.
 Westinghouse Elec. Supply: \$1.-032.25; var. disc.
 BID NO. 6886 (CMP culvert; Livermore):
 Calif. Corru. Culvert: \$2205.51; ¼ of 1% 20.
 Western Pipe & Steel: \$2215.39; do.
 BID NO. 6885 (CMP; Fulton):
 Western Pipe & Steel: \$804.80; ½ of 1% 20.
 Calif. Corru. Culvert: \$829.24; do.
 BID NO. 6887 (concrete irrigation pipe, etc.; Visalia):
 Stroud-Seabrook Co.: \$2204; \$231.50 \$2435.50; 3% 30.
 United Concrete Pipe Co.: \$0.59; \$2.25; \$2392.20.
 Calif. Corru. Culvert: (2) \$233.33; ½ of 1% 20.
 San Joaquin Valley Pipe & Const.: \$2383; \$515; \$2898.
 Jourdan Concrete Pipe Co.: \$2.-306.10; \$226.05; \$2532.15; 10% 30.
 Pollard Bros.: \$1812.44; \$380.85; \$2-193.29; net.
 Van Cleve Const. Co.: \$1,677.90; \$202.45; \$1880.35; net.
 BID NO. 6893 (CMP; etc.; San Jose)
 Calif. Corru. Culvert: \$554.57; ½ of 1% 20.
 Western Pipe & Steel \$554.57; do.
 BID NO. 6892 (rental—1½ ton truck; Mills Field):
 Portola Truck Service: \$59.50; 2% 20.
 H. E. Springer Coal Co.: \$78.50; 2% 20.
 Evans Auto & Truck Rental: \$90; net.
 Hayward Bldg. Mat.: \$75; net.

Louis Bonsangue: \$90; 1% 30; 2% 20 days
 M. R. Perry: \$65; net.
 Lerer Bros.: \$61.48; net.
 Eaton & Smith: \$62.50; net.
 BID NO. 6891 (rental—2 horse teams and Equip., etc.; Winters):
 W. H. Bentley: \$0.75; \$0.75; net.
 Frank Peterson: \$1; \$1; net.
 Fred Moody: no bid; \$75; net.
 Ernest Moody: \$75; no bid; net.
 M. Weidman: \$1.25; \$1.25; net.
 Adams Bros.: \$1.57; \$1.07; 3% 20. * 27

BIDS OPENED

SAN FRANCISCO.—Following bids opened by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:
 BID NO. 6896: (1600 l.f. pipes; Yerba Buena Island)
 J. H. Baxter: \$0.5575; \$892; net.
 Pope and Talbot L.C.: \$0.565; \$904; net.
 James L. Hall: \$0.5875; \$940; net.
 BID NO. 6897: (350 tons of asphaltic concrete; San Jose)
 Union Paving Co.: \$3.49; \$1221.50; net.
 A. J. Raisch: \$4.00; \$1400; net.
 BID NO. 6898: (douglas fir, redwood; Visalia)
 Sequoia L. C.: \$323.77; \$557.10; \$880.87; net.
 Smith L. C.: \$359.52; \$528.99; \$888.-51; 2%-10th prox.
 Loop L. C.: \$325.47; \$557.10; \$882.-57; 2%-30.
 A. H. Kelly Co., Visalia: \$364.53; \$557.10; \$921.63; net.
 Visalia L. C.: \$348.97; \$545.05; \$894.-02; 2%-30.
 M. Kellner & Son: \$328.80; \$561.12; \$889.92; net.
 BID NO. 6901: (paint supplies; San Francisco)
 W. P. Fuller & Co.: \$767.07; 1%-30.
 Shervin-Williams: \$579.96; part. bid; 1%-30.
 Standard Dist.: part. bid; no total; 2%-30.
 Frank W. Dunne: \$800.02; part. bid; 1%-20.
 Glidden Co.: part. bid; no total; 5%-20.
 Murphy Varnish Co.: part. bid; no total; 1%-20.
 Paraffine Cos.: part. bid; no total; net.
 National Lead Co.: \$758.84; 1%-20; part. bid.
 Baker, Hamilton & Pacific: part. bid; no total; 2%-30.
 Pittsburgh Plate Glass: part. bid; no total; 1%-20.
 G. M. Goldberg Paint Co.: part. bid; no total; 1%-30. * 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, for furnishing supplies and materials, as follows:
JANUARY 27, 10 A. M.
 BID NO. 6922: Steel pipe; fob Geneva Ave. and Rio Verde Street, San Francisco.
 BID NO. 6923: Tees, ells, valves, sprinklers; fob do.
JANUARY 30, 10 A. M.
 BID NO. 6925: Baths, lavatories, sink and pantry; fob Fort Scott, San Francisco;
 BID NO. 6926: Redwood; fob Corcoran;
 BID NO. 6927: Aggregate, gravel; fob Dinuba;
 BID NO. 6928: Aggregates; gravel; fob Reedley.
 BID NO. 6929: Douglas fir; fob Mojave. * 27

BIDS WANTED

SAN FRANCISCO.—Following bids received by the U. S. Treasury Department, 49 Fourth Street, San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6868: (rental—diesel driven tractor; Watsonville)

L. C. Karstedt: \$650; 1%—30.
Granite Const. Co.: \$700; net.
T. E. Fisher: \$925; 2%—20.
Rock and Gravel Trucking Co.: \$1200; net.
G. E. Murray: \$600 (1st month) \$575 (succeeding months); net.
Cornell Tractor Co.: \$698.50; 3%—30.

BID NO. 6871: (240 lf. CMP culvert; Grass Valley)

Western Pipe and Steel: \$145; \$348; 1/2 of 1%—20.
Calif. Corr. Culvert: \$148; \$355.20; 1/2 of 1%—20.

BID NO. 6875: (douglas fir, redwood shingles; Thornton)

Stockton L. C.: \$474.64; net.
Diamond Match: \$425.35; net.
Alpine Mill and Mfg.: \$500.89; 2%—30.

San Joaquin L. C.: \$460.23; 2%—30.
Smith L. C.: \$458.64; 2%—10th prox.

Noah Adams L. C.: \$431.44; 2%—30.
Ruse-Blair L. C.: \$451.24; 2%—30.
Loop L. C.: \$461.47; 2%—30.

BID NO. 6876: (redwood; Terra Bella)

Smith I. C.: \$1680.92; 2%—10th prox
Brey-Wright L. C.: \$1690.20; 2%—30.

M. Kellner and Sons L. C.: \$1788.47; net.

Dinuba L. C.: \$1733.52; net.
Viasula L. C.: \$1896.66; 1%—30.

BID NO. 6877: (5,333 FBM white oak; Fort Baker)

Jones Hardwood: \$69; \$367.98; 1%—30; 2%—20.

E. L. Bruce: \$70.50; \$375.98; 2%—20.

J. F. Higgins: \$72; \$383.98; 2%—20.
White Bros L. C.: \$73.20; \$392.38; 2%—30.

Forsyth L. C.: \$70; \$373.31; 2%—30.

BID NO. 6878: (douglas fir; redwood; San Francisco)

Christensen J. C.: \$252.75; 2%—30.
Loon L. C.: \$288.40; 2%—30.

Rolano J. C.: \$334; 2%—30.
E. D. Swift L. C.: \$310.50; 2%—30.

Smith L. C.: \$333.50; 2%—10th prox.
BID NO. 6880: (douglas fir; San Jose)

Loon L. C.: \$526; 2%—30.
Chiem L. C.: \$526.25; 2%—30.

Smith L. C.: \$592.50; 2%—10th prox.
Glenwood L. C.: \$560; 2%—20.

Crescent L. C.: \$581.37; 1%—30; 2%—20.

Rolando L. C.: \$607; 2%—30.
Santa Clara L. C.: \$537.50; 2%—30.

S. H. Chase L. C.: \$537.50; net.
BID NO. 6888: (fuel oil)

Yuba-Sutter Oil and Burner: \$0.0525; \$126; net.

Western Oil and Burner: same.

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6857: Calif. Furnace Co.: \$421; 2%—20; heaters and pipe.

BID NO. 6850: Gladding, McBean: \$1273; net; terra cotta statues;

BID NO. 6849: McGilvray, Raymond Corp.: \$1661.23; 2%—20; granite.

BID NO. 6848: Golden Gate Atlas: \$429.89; 2%—30; sand and rock.

BID NO. 6846: Samuel Ran, Inc.: \$226.96; 2%—30; elec. materials;

and S. F. Lighting Fixture Co.: \$87.28; 2%—10th prox; electric fixtures.

BID NO. 6844: Calif. Conc. Prod.: \$926.50; 5%—20; conc. pipe.

BID NO. 6823: Ruse-Blair L. C.: \$375.76; 2%—30; lumber.

BID NO. 6805: Westinghouse Elec. Supply: \$408.23; 2%—10th prox. filter light.

• 27

CONTRACTS AWARDED

SAN FRANCISCO.—Following contracts awarded by the U. S. Treasury Department, 49 Fourth St., San Francisco, for furnishing misc. materials and equipment for use on WPA projects:

BID NO. 6894: P. E. O'Hair: \$917.67; 2%—30; plumb. supplies.

BID NO. 6853: No. Calif. Hardware & Steel: \$801.01; 2%—30; fittings and pipe.

• 27

CONTRACT AWARDED

SAN FRANCISCO.—Baker, Hamilton and Pacific, San Francisco, at \$4,942.88, awarded the contract by the U. S. Treasury Department, 49 Fourth Street, San Francisco, under Bid No. 6842, for furnishing steel sheets for use on WPA projects.

• 27

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth Street, (Room 518), San Francisco, for furnishing supplies and materials, as follows:

JANUARY 27, 10:00 A.M.
BID NO. 6919: brass; f.o.b. Mechanics Bldg., U. of Calif.

JANUARY 30, 10:00 A.M.
BID NO. 6921: bolts, wire, steel bars; f.o.b. Monterey.

• 27

BIDS WANTED

SAN FRANCISCO.—Until February 1, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St. (Room 518), San Francisco, under Bid No. 6933, for red quarry tile; f.o. Presidio of San Francisco.

• 27

29—STREETS AND HIGHWAYS**BIDS WANTED**

SAN FRANCISCO.—Until March 5, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19112, for widening and reconstructing Army Street between Bryant and Harrison. Estimated cost, \$29,500.

Work involves:

(1) 52,000 sq. ft. asphalt-conc. pavement, (2-in.-8-in.) inc. excav.

(2) 8,200 sq. ft. conc. pave, 8-inch (inc. excav.);

(3) 4,800 sq. ft. asphalt-conc. pavement (2-in.-6-in.) inc. excav.;

(4) 22 tons asphaltic conc. conform pavement;

(5) 1,140 lf. comb. conc. curb and gutter (white);

(6) 1,500 lf. concrete curb (white, unarmored);

(7) 100 lf. reset granite curb;

(8) 11,400 sq. ft. concrete sidewalk (2-course);

(9) 6 sets CI manhole frames and covers;

(10) 7 each brick manholes, comp.;

(11) 12 each brick catchbasins, comp. plate;

(12) 180 lf. 10-in. VCP culvert;

(13) 700 lf. 12-in. VCP sewer;

(14) 180 lf. 6-in. VCP side sewer;

(15) 1,600 lf. 1 1/2-in. elec. conduit;

(16) 2 each traffic beacons, comp.;

(17) 22 each 12x6-in. T branches;

(18) lump sum: traffic control signs;

(19) 21 each 6-in. VCP pipe traps for side sewers.

Plans and specifications may be obtained from John J. Casey, Room 351, City Hall, upon deposit of \$10. • 29

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 8, 10:00 A.M., bids will be received by L. A. board of public works, 153 City Hall, for improvement of 24th St. between Grand Ave. and Gaffey St., under the 1911 Act. Work involves:

(1) lump sum—grading (160 cu. yds. cut; no fill);

(2) 52 sq. ft. 6-in. asphalt conc. pave;

(3) 451 sq. ft. 6-in. conc. pave.;

(4) 54 sq. ft. conc. pave., variable thickness;

(5) 1194 lf. unplastered light curb;

(6) 57 sq. ft. 4-in. conc. walk;

(7) 5431 sq. ft. 8-in. conc. walk;

(8) 72 sq. ft. combination gutter;

(9) 1130 sq. ft. 6-in. cem. concrete gutter.

• 29

CONTRACT AWARDED

GILA & PINAL COUNTIES, Ariz.—W. E. Orr, 302 W. Monte Vista Rd., Phoenix, Ariz., at \$19,511.74, awarded contract by Arizona State Highway Department, Phoenix, for highway construction on the Superior-Miami Highway, FA 16 (2) (1939), AFE 7018. The work, which is to extend from the Gila-Pinal county line SE for a distance of approx. 2 1/2 miles, consists of grading, draining, aggregate base course and oil processing (SC-4 road oil, road mix), and is to be completed on or before Sept. 15, 1939.

CONTRACT AWARDED

STATE OF WASHINGTON.—A. Milne, 7253 N.E. Broadway, Portland, at \$47,904, awarded contract by the State of Washington, Director of Highways, L. V. Murrow, Olympia, for clearing, grading, draining, surfacing, manufacturing and stockpiling surfacing materials and mineral aggregate (oil rock) and constructing a light bituminous surface treatment on about 3.1 miles of Primary State Highway No. 12, Bear River Hill to Jet., SSH No. 12-A. State Project, in Pacific County, Washington.

E. E. Rockey and Son, Seattle, previously reported as awarded contract, asked permission to withdraw bid on account of error. • 29

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 8, 10:00, bids will be received by Los Angeles board of public works for grading, paving and otherwise improving Barrington Ave. between Dorothy St. and Darlington Avenue, PWA project 1644-F, Unit 18. Work involves:

(1) lump sum—grading (174 cu. yds. excav.; 329 cu. yds. fill; including removal of existing improvements);

(2) 10,967 sq. ft. asphalt conc. pave., consisting of asphalt conc. base 4 in. thick and asphalt conc. wearing surf. 2 in. thick;

(3) 1,726 sq. ft. concrete pavement 6 in. thick;

(4) 144 sq. ft. asphalt concrete wearing surf. 4 in. thick;

(5) 340 lin. ft. reinf. integral curb and gutter, 1 ft. wide;

(6) 359 lin. ft. unplastered light class curb;

(7) 3141 sq. ft. one course walk, 3 in. thick;

(8) 187 sq. ft. conc. gutter 6 in. thick;

(9) 360 lin. ft. wooden guard rail;

(10) removal of 1.5 lin. ft. and construction of 4.5 lin. ft. manhole;

(11) 2 manholes to be reset.

LOW BIDDER

HOOD RIVER and Multnomah Cos. Ore.—Babler Bros., 1636 SE 6th Ave., Portland, at \$75,925, submitted low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for approx. 2,026 miles of reconstruction, grading, surfacing and bituminous paving of the Columbia River Highway, National Forest Road Project, 28-B2,C1, located within the Mt. Hood National Forest, Hood River and Multnomah Counties.

Complete bids will be published shortly. * 29

TO PREPARE PLANS

SALINAS, Monterey Co., Cal.—Salinas City Council has authorized Wilfred W. Russell to prepare plans and specifications for the improvement of N. Main Street. Work includes: realignment, resurfacing and widening. City hopes to award contract in April if State approves the plans. Work will be financed by the city's share of gasoline tax funds. Est. cost, \$30,000. * 29

BIDS WANTED

LANE COUNTY, Ore.—Until Feb. 8, 10:00 A. M., bids will be received by the U. S. Bureau of Public Roads, Portland, Oregon, for constructing or improving approx. 0.257 mile Willamette Highway, tunnel lining, paving and approach structures Project 21-33K2, Oregon National Forest Road Project, located within the Willamette National Forest, Lane County, Oregon.

Work involves:

- (1) Extra and misc. Force account work;
- (2) 4,000 c.y. unclass. excav.;
- (3) 2,850 sq. yds. conc. pave.;
- (4) 3,600 c.y. class D conc.;
- (5) 225,000 lbs. reinf. steel;
- (6) 500 c.y. class A cement stone masonry (walls);
- (7) 50 c.y. class A cement stone masonry (guard rail type2);
- (8) 575 sq. ft. class A cement stone masonry (ringstones);
- (9) 70 c.y. class A cement stone masonry (buttress);
- (10) Lighting system;
- (11) 60 cords cordwood packing;
- (12) 700 c.y. rock backfill wall section;
- (13) 150 c.y. rock packing crown section.

Plans and specifications may be obtained from the above office upon the deposit of \$1000. * 29

31—PIPE LINES & WELLS**BIDS WANTED**

INGLEWOOD, Los Angeles Co., Cal.—Until January 31, 7:30 P. M., bids will be received by the Inglewood city council for furnishing and laying two welded steel pipe lines in Prairie Ave. between Redondo Blvd. and Manchester Blvd., as follows:

- (1) 4028 l.f. 12-in. welded steel pipe, inc. installation of all 12-in. gate valves, and making all connections;
- (2) 4027 l.f. 10-in. welded steel pipe, inc. all 6-in. laterals to property lines, the installation of all 10-in. gate valves and the making of all connections.

Gate valves are to be furnished by the city and installed by the contractor.

Plans and specifications may be obtained from the office of the city engineer, Arthur W. Corv. Certified or cashier's check or bidder's bond for 10% must accompany each proposal. Otto H. Duelle, city clerk.

32—SEWERS & SEWAGE DISPOSAL PLANTS**BIDS WANTED**

BAKERSFIELD, Kern Co., Calif.—Until Jan. 30, 5:00 P. M., (opened at 8:00 P. M.) bids will be received by the Bakersfield City Council, V. Van Riper, City Clerk, Room 5, City Hall, Bakersfield, for the construction of a sewage treatment plant, in Bakersfield. Consulting Engineer, Clyde C. Kennedy, Atlas Building, San Francisco.

Plans and specifications may be obtained from the City Engineer, City Hall, Bakersfield, upon the deposit of \$500. * 32

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until Feb. 6, 11:30 A.M., bids will be received by Kern county Supervisors, Bakersfield, for constructing 700 ft. of 21-in. sewer line with manholes, weir boxes and accessories, in accordance with plans and specifications which may be obtained at the office of the county surveyor, J. R. Thornton, Court House, Bakersfield. Certified check or bond for 10% must accompany each proposal. R. J. Veon, county clerk and ex-officio clerk of the board. * 32

AWARD RECOMMENDED

SAN LEANDRO, Alameda Co., Cal.—Geo. Petersen, 1841 Bancroft Ave., San Leandro, at bid price of \$184,000 (Sch. II) less three alternates of \$33,000 (net of \$151,000), recommended for award of contract (subject to PWA approval) by the San Leandro City Council for construction of Municipal Sewage Disposal Proj. Unit 2. * 32

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—As previously reported, until Jan. 30, 5:00 P. M., (opened at 8:00 P.M.) bids will be received by the Bakersfield City Council, V. Van Riper, City Clerk, Room 5, City Hall, Bakersfield, for the construction of a sewage treatment plant, in Bakersfield. Consulting Engineer, Clyde C. Kennedy, Atlas Building, San Francisco.

Work includes headworks, screen house, grit-remover, Parshall flume, control bldg. (sewage sump, pumping plant, offices, laboratory, etc.), flocculation and sedimentation tanks, two digestion tanks and sludge beds.

Plans and specifications may be obtained from the City Engineer, City Hall, Bakersfield, upon the deposit of \$500. * 32

BIDS WANTED

CARMEL, Monterey Co., Calif.—Until Feb. 3, 7:30 P. M., bids will be received by the Secretary of the Carmel Sanitary District, Sun Dial Court Apartment Building, Monte Verde Ave., Carmel, for the construction of sanitary sewers in Hatton Fields.

Work involves:

- (1) 7,260 l.f. 6-in. vit. clay pipe sewer;
- (2) 450 l.f. 4-in. vit. clay pipe sewer;
- (3) 30 each, 4-in tee branches on 6-in. sewer;
- (4) 15 each, manholes;
- (5) 8 each, lampholes.

Plans and specifications may be obtained from the above office and from Consulting Engineer Clyde C. Kennedy, Room 503, 604 Mission St., San Francisco, upon the payment of \$250, not returnable. * 32

BIDS WANTED

CARMEL, Monterey Co., Calif.—Until February 3, 7:30 P. M., bids will be received by the Secretary of the Carmel Sanitary District, Sun Dial Court Apt. Bldg., Monte Verde Ave., Carmel, for the construction of sewage works improvements, consisting of intercepting and outfall sewers, sewage pumping stations, sewage treatment plant and appurtenances in Carmel.

Work involves:

- Item 1—Trunk Line Outfall and Intercepting Sewers
- (A) 3344 l.f. 12-in. vit. clay pipe sewer, installed complete;
 - (B) 280 l.f. 10-in. vit. clay pipe sewer, installed complete;
 - (C) 2175 l.f. 8-in. vit. clay pipe sewer, installed complete;
 - (D) 675 l.f. 6-in. vit. clay pipe sewer, installed complete;
 - (E) 900 l.f. 14-in. cast iron pipe sewer, installed complete on bridge and pier supports inc. expansion joints;
 - (F) 20 4-in. tee branches on 12-inch vitrified pipe, each;
 - (G) 10 4-inch tee branches on 10-in. vitrified pipe, each;
 - (H) 10 4-inch tee branches on 8-in. vitrified pipe, each;
 - (I) 10 4-inch tee branches on 6-inch vitrified pipe, each;
 - (J) 1040 c.f. Class B concrete in piers for CI pipe sewer support;
 - (K) 1300 lbs. reinf. steel in pipe support piers, installed;
 - (L) 17 manholes with cast iron frames and covers, complete in place;
 - (M) 1 cast iron manhole frame and cover only, installed on CI pipe sewer on pier.

Item 2—Scenic Road Sewage Pumping Station and Appurtenances

- (A) 300 c.y. unclass. excav., including backfill after completion of the structure;
- (B) 1320 c.f. Class A conc. in place;
- (C) 360 c.f. rubble stone facing and wall, in place;
- (D) 3600 lbs. reinf. steel, in place;
- (E) 650 lbs. struc. steel and grating in place;
- (F) Lump sum: all other structural requirements;
- (G) Lump sum: mechanical equipment, installed complete;
- (H) 620 l.f. 2-in. electric power line conduit, installed complete;
- (I) 1600 l.f. 6-in. cast iron pipe dump discharge line;
- (J) 300 lbs. cast iron pipe fittings, installed.

Item 3—Sixteenth Avenue Sewage Pumping Sta. and Appurtenances

- (A) 320 c.y. excavation, inc. necessary timbering and bracing during construction, and backfill after completion of structure;
- (B) 3030 c.f. Class A conc. in place;
- (C) 11,200 lbs. reinf. steel, in place;
- (D) 375 lbs. struc. steel, in place;
- (E) Lump sum: all other structural requirements;
- (F) Lump sum: mechanical equipment;
- (G) 800 l.f. 2-in. electric power line conduit, installed;
- (H) 1000 l.f. 6-in. cast iron pipe pump discharge line, installed;
- (I) 300 lbs. cast iron pipe fittings, installed;

Item 4—Suspension Bridge (except C I pipe)

- (A) 145 c.y. excavation incl. backfill after completion of piers;
- (B) 12 concrete filled piles in place;
- (C) 1752 c.f. Class B conc. in place;
- (D) 3050 lbs. reinf. steel, in place;
- (E) Lump sum: all bridge cables, suspender strands, sockets, turnbuckles, clamps, bands, bolts, brackets, eye bar anchors, bearing plates together with plank walkway required to complete

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT McDOWELL, Calif.—Until Feb. 3, 2:00 P. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. 536-39-12, for 100 sq. yds. battleship linoleum; f.o.b. Dock No. 1, Fort Mason.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 30, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-184, for 900 cu. yds. crushed rock; f.o.b. Fort Funston Reservation, San Francisco.

Plans and specifications may be obtained from the above office. *

FORT MASON, Calif.—Until Feb. 7, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-39-227, for handles, mops, wringers, pans, polish, etc.; fob shipping point and/or Fort Mason.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Feb. 10 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. Dorst District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-187, for one 4-door sedan type automobile; fob above office.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 31, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-186, for (1) approx. 435 gals. emulsified asphalt, (2) approx. 460 gals. liquid asphalt, and (3) approx. 625 tons asphaltic concrete, f.o.b. Fort Funston, San Francisco.

Plans and specifications may be obtained from the above office. *

SAN FRANCISCO.—Until Jan. 30, 3:00 P. M., bids will be received by the U. S. Engineer Office, Lt. Col. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-39-189, for plumbing supplies; f.o.b. Presidio of San Francisco.

Plans and specifications may be obtained from the above office. *

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until February 3, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 6305: New Caterpillar (or equal) tractor replacement parts; fob shipping point and lump sum trade-in allowance and/or cash offer on used equipment which may be seen at Glendale;

BID NO. 6306: New Caterpillar (or equal) tractor replacement parts; fob shipping point and lump sum trade-in allowance and/or cash

offer on used equipment which may be seen at Redding. *

US FOREST SERVICE
GOVERNMENT ISLAND, Calif.—Until Feb. 2, 2:00 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 6310: 3,000 feet passing link chain; f.o.b. shipping point and/or Government Island.

BID NO. 6317: 2,000 tire valve caps; f.o.b. shipping point and/or Government Island.

Plans and specifications may be obtained from the above office. *
GOVERNMENT ISLAND, Calif.—Until Feb. 6, 2:00 P. M., bids will be received by the Forest Service Supply Depot, H. R. Marsh, Acting Supply Officer, Government Island, under Bid No. 6312, for axe handle, falling, and splitting wedges; f.o.b. shipping point and/or Government Island.

Plans and specifications may be obtained from the above office. *

NAVY DEPARTMENT

WASHINGTON, D.C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D.C., for furnishing the following misc. supplies and materials:

SCH. 5410: 2 electric submersible portable pumps, complete with spare parts, strainers and check valves for Mare Island, Feb. 14.

SCH. 5399: approx. 15,000 lbs. nickel-copper-aluminum alloy for Mare Island, Feb. 10.

SCH. 5396: aluminum powder for Eastern Yards and Puget Sound, February 10.

SCH. 5380: powder, aluminum for Eastern and Western Yards, February 3.

SCH. 5401: 16 electric water heaters, for Boston, Charleston and Puget Sound, Feb. 10.

SCH. 5353: steel, shapes for Eastern and Western Yards, Feb. 3.

SCH. 5378: 300,000 lbs. dry titanium-barium pigment for Norfolk; 400,000 lbs. do for Mare Island, Feb. 3.

SCH. 5377: 1,300 galv. iron or steel wire rope clips for Brooklyn; 1,450 do for Sewall's Point; approx. 2,000 do for Puget Sound, Feb. 3.

SCH. 5373: 60,000 lbs. pulverized silica for Norfolk; 35,000 lbs. do for Mare Island, Feb. 3.

SCH. 5355: 1 automatic telephone system for Mare Island, Jan. 31.

SCH. 5407: nuts, steel, hexagon for Brooklyn and Mare Island, February 10.

SCH. 5391: 2 deck winches with hydraulic equipment, motors and spare parts for delivery f.o.b. works, Feb. 7.

SCH. 5345: 1 traveling bridge crane, traveling hoist type, power operated for Mare Island, Feb. 10.

SCH. 3897: marine glue (ship) for eastern and western yards, February 3.

SCH. 5357: liquid door closers for eastern and western yards, February 3.

SCH. 5390: locks and latches for eastern and western yards, February 7.

SCH. 5417: cotton canvas and duck for eastern and western yards, Feb. 10.

SCH. 5425: 1 truck, tiering, and lifting platform, electric drive, complete with batteries, capacity

4,000 lbs. for Mare Island, Feb. 7.
SCH. 5434: motor-driven bank saw sharpening machine for eastern or western yards, Feb. 14.

SCH. 5437: approx. 250,000 lbs. copper-nickel-alloy condenser tubes for Mare Island, Feb. 14. *

ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOF, \$480; 1640 Ashby Ave., Berkeley; owner, A. Ridley, prem contractor, Bay Cities Asbestos Co., Ltd., 5th Ave. and E 12th St., Oakland.

ALTERATIONS, \$200; 1934 Berkeley Way, Berkeley; owner and contractor, Fred Klingbeil, 2031 Delaware.

ALTERATIONS, \$600; 742 46th St., Oakland; owner, D. Hughes, 742 46th St.; contractor, A. G. Macchiffelli, 406 51st St.

REPAIRS, \$36; 4120 E 18th St., Oakland; owner and contractor, Arvilla Long, premises.

ALTERATIONS, \$100; 3845 Hopkins St., Oakland; owner, S. Pipher, 132 Olive Ave., Piedmont; contractor, Shale Ortow, 344 13th Street.

REPAIRS, \$90; 619 56th St., Oakland; owner, G. W. Marshall, 813 1/2 44th St.; contractor, Frank Puccetti, 3925 Market St.

RE-ROOF, \$130; 2253 Ausean Ave., Oakland; owner and contractor, Ed. Salbach, premises.

ALTERATIONS, \$300.00; 921 Portal Ave., Oakland; owner, Margaret E. Fulcher, premises; contractor, C. E. Rednours, 2144 Spaulding Ave., Berkeley.

GARAGE, 1-story, \$500; 1046 Longridge Road, Oakland; owner, Dr. L. Taylor, premises; contractor, Mark Bristol, 1038 McKinley Ave.

ALTERATIONS, \$450; 808 Broadway, Oakland; owner, Simon Hardware Co., premises; contractor, Jas. L. Rich, 556 37th St.

WRECK 1-story dwelling, \$5; 1153 72nd Ave., Oakland; owner and wrecker, Jack Boone, 220 Chesley St., Richmond.

ALTER. \$100; 1276 7th St.; owner and builder, Carl S. Harriet L. Collins, 1510 Filbert St.

SIGN, metal, \$30; 2311 San Pablo Ave., Oakland; owner, Dariglen Creameries; contractor, Tobey Sign Co., 1920 East 14th St.

SIGNS (2), metal, \$30 each; 2300 E. 14th St., Oakland; owner, Consolidated Liquor Store, 2300 East 14th St.; contractor, F. H. Fear, 2341 27th Ave.

SIGN, electric, \$35; 1500 23rd Ave., Oakland; owner, Bill's Liquor; contractor, Ace Electric Sign Co., 1243 East 12th St.

SIGN, electric, \$218; 10701 East 14th St., Oakland; owner, John Kursal; contractor, Ace Electric Sign Co., 1243 East 12th St.

GARAGE, \$75; 925 75th Ave., Oakland; owner and builder, Leon Valla, 940 75th Ave.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 314

Public Library
Civic Center
San Francisco, Calif

DAILY

News Service

●

Complete Construction Reports—
Building and Engineering News of
California and Principal Projects in
all Other Western States.

*Delivered to You
Every Morning.*

●

Daily Pacific Builder

In Forty-Ninth Year

465 TENTH STREET

SAN FRANCISCO

Subscription Rates—\$20 a Year (Paid in Advance) \$2 by the Month

News

